



PUBLIC NOTICE

IN ACCORDANCE WITH THE APPLICABLE STATUTES OF THE STATE OF ILLINOIS AND ORDINANCES OF THE CITY OF PROSPECT HEIGHTS, NOTICE IS HEREBY GIVEN THAT

THE REGULAR COUNCIL MEETING
OF THE MAYOR AND CITY COUNCIL OF THE CITY OF PROSPECT HEIGHTS
WILL BE HELD ON MONDAY, FEBRUARY 25, 2019 AT 6:30 P.M.

**IN THE COUNCIL CHAMBERS, PROSPECT HEIGHTS CITY HALL,
8 NORTH ELMHURST ROAD, PROSPECT HEIGHTS, ILLINOIS
MAYOR NICHOLAS J. HELMER PRESIDING**

**DURING WHICH MEETING IT IS ANTICIPATED THERE WILL BE DISCUSSION AND
CONSIDERATION OF AND, IF SO DETERMINED, ACTION UPON
THE MATTERS CONTAINED IN THE FOLLOWING:**

- 1. CALL TO ORDER**
- 2. ROLL CALL FOR QUORUM**
- 3. PLEDGE OF ALLEGIANCE** – Led by Audience Member
- 4. INVOCATION** – Led by Pastor Yun Choi - Hebron Presbyterian Church
- 5. APPROVAL OF MINUTES**
 - A.** February 11, 2019 Regular Workshop Meeting Minutes
 - B.** February 11, 2019 Regular Workshop Executive Session Minutes
- 6. PRESENTATIONS**
 - A.** Report by Jodi McCarthy, of Gewalt Hamilton Engineering Re: Arlington-Countryside Neighborhood Storm Water Management Evaluation
- 7. APPOINTMENTS/CONFIRMATIONS AND PROCLAMATIONS**
 - A.** Senior Celebration Proclamation
- 8. PUBLIC COMMENT (agenda matters)**

**This meeting will be recorded and televised on the following Prospect Heights cable channels:
Comcast and WOW Channel 17 and AT&T U-verse Channel 99**

9. STAFF, ELECTED OFFICIALS, and COMMISSION REPORTS

- A.** Chicago Executive Airport Report Presented by Director Jim Kiefer
- B.** January Treasurer's Report Presented by Finance Director Michael DuCharme
- C.** Recognition of the Services to the City by Alderman Lora Messer

10. CONSENT AGENDA - All items listed on the Consent Agenda are considered to be routine by the City Council and will be enacted by one motion. There will be no separate discussion of these items unless a Council member or citizen so requests, in which event the item will be removed from the general order of business and considered after all other Agenda items.

- A. R-19-03** Staff Memo and Resolution Approving and Authorizing PMA Financial Network, Inc. and PMA Securities, Inc. to Provide Investment Services and Execution of the Declaration of Trust Establishing the Illinois Public Reserves Investment Management Trust
- B. R-19-04** Staff Memo and Resolution Authorizing City Application for Cook County Department of Transportation and Highways "Invest in Cook" Grant, for Phase I Preliminary Engineering, for Camp McDonald Road Sidewalk, from Wheeling Road to the Metra Commuter Station

11. OLD BUSINESS

- A. O-19-04** Staff Memo and Ordinance Approving an Amendment to Title 5,7 related to Warehouse Use, Applicant Conor Commercial Real Estate **(2nd Reading)**
- B. O-19-05** Staff Memo and Ordinance Approving Preliminary Plat, Preliminary Engineering, Appearance Review and Granting Special Use permit for a 150,000 sq. ft commercial development, Applicant Conor Commercial Real Estate, 25-35 Piper Lane, Prospect Heights, IL 60070 **(2nd Reading)**
- C. O-19-03** Special Use Permit for a Private Truck Parking Lot, Applicant Stery Trucking, in the B-4 Office/Industrial District **(2nd Reading)**

12. NEW BUSINESS

- A. Request for Waiver of 1st Reading O-19-06** Staff Memo and Ordinance Amending the Building Code, Adopting Certain International Code Council Model Codes, the NFPA National Electrical Code, the State Plumbing Code and Making Certain Local Amendments to the Adopted Model Codes **(1st Reading)**
- B. O-19-06** Staff Memo and Ordinance Amending the Building Code, Adopting Certain International Code Council Model Codes, the NFPA National Electrical Code, the State Plumbing Code and Making Certain Local Amendments to the Adopted Model Codes **(2nd Reading)**

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13. DISCUSSION/SELECTION OF TOPICS FOR UPCOMING WORKSHOP MEETING, ITEMS LISTED PREVIOUSLY:

14. APPROVAL OF WARRANTS

A. Approval of Expenditures

General Fund	\$93,848.35
Motor Fuel Tax Fund	\$0.00
Palatine/Milwaukee Tax Increment Financing District	\$0.00
Tourism District	\$429.05
Development Fund	\$0.00
Drug Enforcement Agency Fund	\$12,992.21
Solid Waste Fund	\$27,484.34
Special Service Area #1	\$0.00
Special Service Area #2	\$0.00
Special Service Area #3	\$0.00
Special Service Area #4	\$0.00
Special Service Area #5	\$279.95
Special Service Area #8 – Levee Wall #37	\$0.00
Special Service Area-Constr #6 (Water Main)	\$0.00
Special Service Area- Debt #6	\$0.00
Capital Improvements	\$16,650.00
Palatine Road Tax Increment Financing District	\$0.00
Road Construction	\$0.00
Road Construction Debt	\$0.00
Water Fund	\$28,217.50
Parking Fund	\$605.02

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Sanitary Sewer Fund	\$944.35
<u>Road/Building Bond Escrow</u>	<u>\$2,871.00</u>
TOTAL	\$184,321.77

Wire Payments

2/15/2019 PAYROLL POSTING	\$144,812.40
POLICE PENSION PAYMENTS	\$33,808.81
TOTAL WARRANT	\$362,942.98

- 15. PUBLIC COMMENT (Non-agenda matters)**
- 16. EXECUTIVE SESSION**
- 17. ACTION ON EXECUTIVE SESSION ITEMS, IF REQUIRED**
- 18. ADJOURNMENT**

Posted: by Karen Schultheis by 12:00PM, February 22st, 2019

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Comcast and WOW Channel 17 and AT&T U-verse Channel 99**

Memorandum

To: Joe Wade, City of Prospect Heights

From: Steve Berecz, GHA

Date: February 20, 2019

Re: Conceptual Storm Water Management Memorandum
Arlington Countryside Area

Following is a summary of work done to date by GHA on this conceptual storm water management study. We have recently met with Joe Wade and Mark Roscoe and discussed our findings in detail including engineering data, charts, exhibits, scenarios, etc. We look forward to presenting our findings to the Council at a hearing scheduled on February 25th.

Project Understanding

The Arlington Countryside area is generally bounded by Rand Road to the east, Olive Street to the North, Windsor Drive to the West and Oakton Street to the South. In addition to the detailed study area, GHA also evaluated the area located to the East of the detailed study area to help lessen flooding in this area (generally bounded by Gail Court, Willow Road, Schoenbeck Road and Olive Street). The focus of the project was to evaluate improvements to lessen flooding in the study areas, including a possible new storm sewer connection from Arlington Countryside area to the tributary of McDonald Creek along Camp McDonald Road, East of Schoenbeck Road.

Conceptual Engineering Study

GHA has modeled numerous rainfall events in the study area using a complex modeling software program. We have run countless simulations and have analyzed in greater detail 15 scenarios and their resulting impact on reducing ponding in the study area during/after rainfall events. We identified the "critical" storm duration event for this study area to be a 2-hour rain event and have used various frequency events for a 2-hour event in our modelling software. Our simulations included analysis of a:

- 10-year, 2-hour event – which is a total of 2.64 inches of rainfall over two hours
- 25-year, 2-hour event – which is a total of 3.25 inches of rainfall over two hours
- 50-year, 2-hour event – which is a total of 3.82 inches of rainfall over two hours
- 100-year, 2-hour event – which is a total of 4.47 inches of rainfall over two hours

Results / Recommendations

The simulations showed measurable and significant improvements in decreasing the depth and duration of water ponding in the main study area West of Rand Road. We recommend that the City consider moving forward with design drawings and ultimately construction of a new storm sewer truck line that runs from McDonald Creek (east of Schoenbeck Road), west along Camp McDonald Road, north on Rand Road and ultimately into the neighborhood on the west side of Rand Road. The size of this new trunk sewer could range from 36 inches to 48 inches in diameter. The main agencies with review authority for this project are Illinois Department of Natural Resources-Office of Water Resources, Metropolitan Water Reclamation District, Cook County Highway Department and the Illinois Department of Transportation. The recommended project and new discharge location at McDonald Creek are allowed per current codes and we expect that all agencies would ultimately approve the project. Of course, permitting would take a significant amount of time, as a new storm sewer would need to be installed within Cook County and IDOT right of ways. If the City moves forward with the project, detailed engineering design plans could be completed in the summer of 2019, with the project being bid in late fall of 2019 and construction starting in the spring of 2020. At this conceptual stage, our preliminary engineer's opinion of probable construction costs for the recommended options is in the range of \$2.5 to \$3 million. We will discuss our findings in greater detail at the Council hearing.

**31st Annual
SENIOR CELEBRATION DAY – March 28, 2019**

WHEREAS, education is a lifelong process; and

WHEREAS, public education is a community enterprise, and community education philosophy advocates full use of public facilities, programs and services by every age group in the community; and

WHEREAS, the skills, talents and experiences of senior citizens are untapped resources in many communities and intergenerational cooperation promotes efficient use of human resources; and

WHEREAS, community education promotes the use of community resources, community volunteers in schools, senior citizen centers and community agencies; and maximizes the use of human resources to provide educational opportunities for community residents of all ages; and

WHEREAS, the goal of community education is to promote a sharing, caring, learning community; and

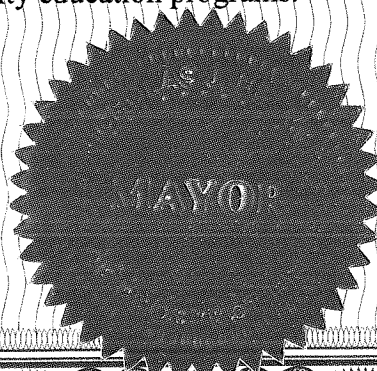
WHEREAS, senior citizens have earned our respect and recognition for their past accomplishments, and their present and future contributions; and

WHEREAS, Senior Celebration Day is co-sponsored by Township High School District 214 Community Education and the City of Prospect Heights to encourage and develop programs and activities to meet the needs of all residents in High School District 214 and the City of Prospect Heights.

NOW, THEREFORE, BE IT RESOLVED, THAT I, Nicholas J. Helmer, Mayor of the City of Prospect Heights, Illinois do hereby proclaim March 28, 2019, as a day in recognition of the **Thirty First Annual Senior Celebration Day**, and call upon the residents of High School District 214 and the City of Prospect Heights to recognize and celebrate the bonds they have discovered, the partnership they have formed, and the sense of community they have strengthened through community education programs.

DATED, this 25th day of February, 2019

Nicholas J. Helmer, Mayor





February 21, 2019

To: Mayor Helmer and Members of the City Council

From: Cheri Graefen, Assistant Finance Director

Subject: Monthly Treasurer's Report

Attached is the Treasurer's Report for the nine months ending January 31, 2019, which represents 75% of fiscal year 2019. At this point in the fiscal year, for all funds combined, the City's total revenues represent 71.36% of budget and the total expenses reflect 65.46% of budget.

Additional financial information and/or further details can be provided upon request.

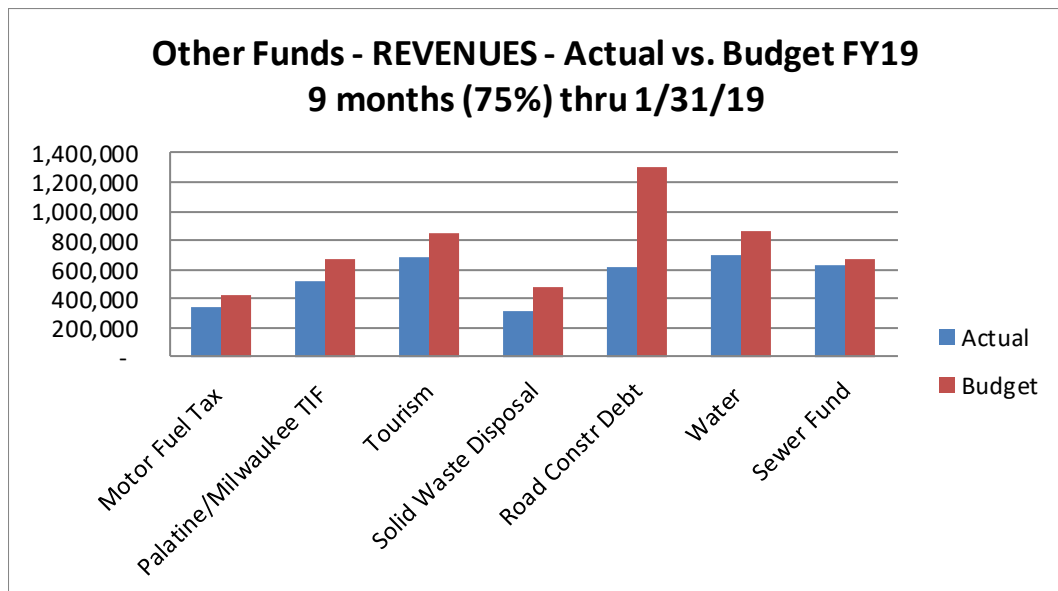
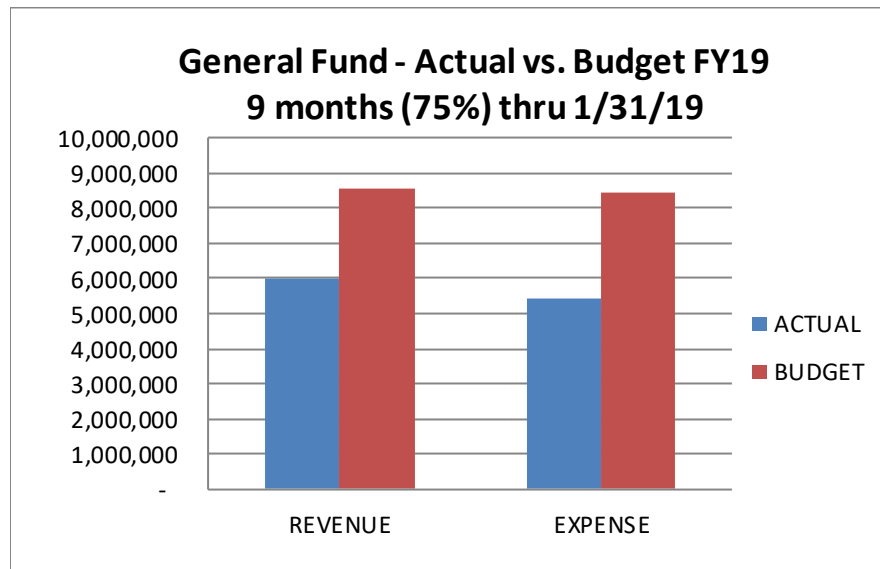
City of Prospect Heights

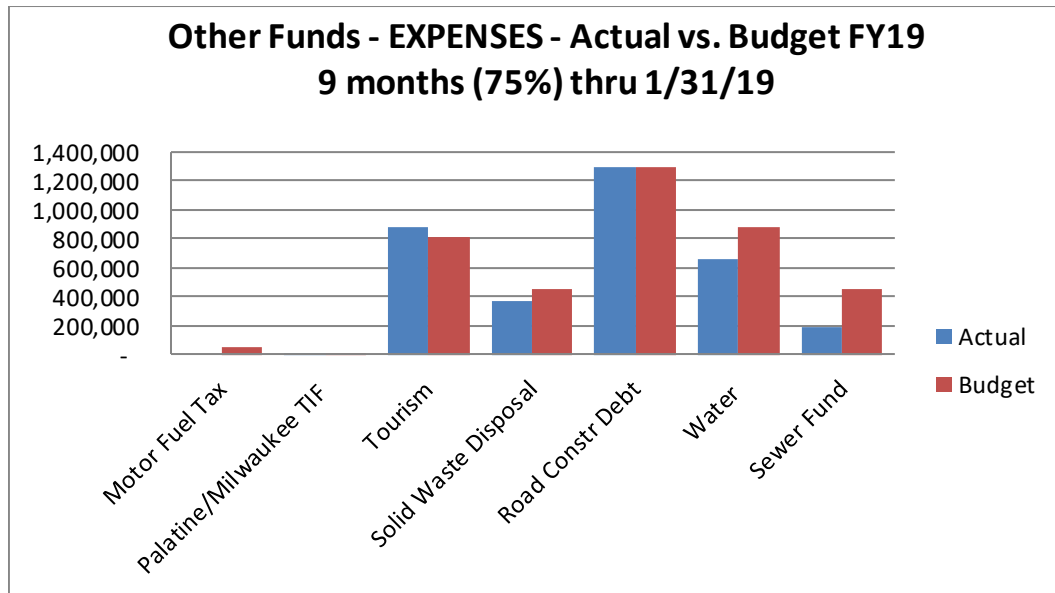
Financial Report – FY18-19

For the Nine Months Ending January 31, 2019

The following report highlights the financial position of the City of Prospect Heights for the period beginning May 1, 2018 through January 31, 2019 (**9 months ~ 75% of year**) with an analysis on actual revenues and expenditures compared to fiscal year 2018/2019 budget.

Overall Fund Summary - The following charts highlight each of the City’s major funds and how the YTD revenues and expenditures compare to budget:

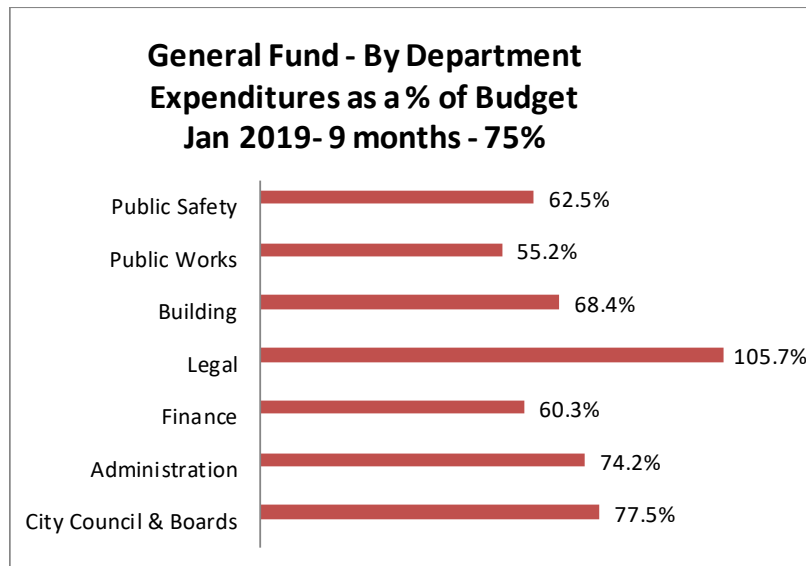




Revenue and Expenditures – By Fund

As detailed in the following table on pg. 3-5, the City's overall YTD revenue is currently at 71.36% of budget and the YTD expenses are coming in favorably at 65.46% of budget (75% of the year has elapsed). The following budget variances are worth noting:

- General Fund – Expenses across all departments have been monitored closely to capitalize on lower costs and efficiencies where possible. The chart below shows departmental expenses as a % of current budget. The excess expenditures in the Legal department are due to expenditures of \$200,856 for the City Attorney that were budgeted at \$120,000. All other department budgets are within acceptable range.



- Motor Fuel Tax Fund – There are minimal expenses budgeted in this fund for FY18-19 due to the MFT audit which is now concluded. The results of the audit were favorable to the City as there were no findings reported. In FY19-20, the City will consider budgeting expenses related to capital improvements.
- Palatine/Milwaukee TIF Fund – Property tax receipts to date are \$516,290 which represents 77% of budget. Typically, the receipts coincide with taxpayer payments that are due March 1 and August 1. Year-to-date receipts for FY19 are lower than prior year by \$158,000 or 23% at this point in time.
- Tourism Fund – Expenses include \$300,000 for an interfund transfer to the capital improvement fund for capital improvements within the District. The improvements in the Tourism are currently underway.
- SSA 6 Debt Fund – The budget includes debt service payments for principal and interest on the outstanding debt for SSA 6. Expenses include all debt service payments due for FY19.
- Road Construction Debt Fund – The budget includes debt service payments for principal and interest on the outstanding debt. Expenses include all debt service payments due for FY19.
- Water Fund – Expenses are currently running at 74.78% of budget which is right on target. This total includes the purchase of budgeted equipment (CASE backhoe) for \$99,495 which was included in the FY18-19 CIP plan.
- Parking Fund – Revenue is tracking at 73.97% of budget for the nine months in FY18-19 which includes the effect of a 25 cents increase in the metra daily parking rate for FY19. Revenue at this time in the prior year was \$48,672 compared to current year revenue total of \$47,339. This minimal increase indicates that demand for parking is flat.

REVENUE & EXPENDITURES - BY FUND
PERIOD ENDING JANUARY 31, 2019
PERCENTAGE OF YEAR COMPLETED: 75%

	ACTUAL YTD	FY 2019 BUDGET	% OF BUDGET	ACTUAL INCR (DECR)	BUDGET INCR (DECR)
TOTALS - ALL FUNDS					
Revenues	10,295,257	14,427,318	71.36%		
Expenses	(10,478,861)	(16,006,840)	65.46%		
	<u>(183,604)</u>	<u>(1,579,522)</u>		<u>(183,604)</u>	<u>(1,579,522)</u>
General Fund					
Revenues	5,994,607	8,576,560	69.90%	545,148	128,119
Expenses	(5,449,459)	(8,448,441)	64.50%		
Motor Fuel Tax Fund					
Revenues	339,179	420,000	80.76%	339,179	370,000
Expenses	-	(50,000)	0.00%		
Palatine/Milwaukee TIF Fund					
Revenues	518,180	670,000	77.34%	507,429	667,750
Expenses	(10,751)	(2,250)	477.82%		
Tourism Fund					
Revenues	677,846	845,125	80.21%	(203,036)	28,325
Expenses	(880,883)	(816,800)	107.85%		
DEA Seizure Fund					
Revenues	23,091	-	NA	(4,654)	(137,500)
Expenses	(27,745)	(137,500)	20.18%		
Solid Waste Disposal Fund					
Revenues	314,450	477,500	65.85%	(52,709)	26,774
Expenses	(367,158)	(450,726)	81.46%		
Palatine Road TIF Fund					
Revenues	10,220	150,100	NA	3,907	(140,025)
Expenses	(6,313)	(290,125)	NA		
SSA 1 Fund					
Revenues	170	-	#DIV/0!	170	-
Expenses	-	-	#DIV/0!		
SSA 2 Fund					
Revenues	203	-	#DIV/0!	203	(38,153)
Expenses	-	(38,153)	0.00%		
SSA 3 Fund					
Revenues	1,257	-	#DIV/0!	1,257	(328,265)
Expenses	-	(328,265)	0.00%		
SSA 4 Fund					
Revenues	169	-	#DIV/0!	169	(36,719)
Expenses	-	(36,719)	0.00%		
SSA 5 Fund					
Revenues	1,657	25,275	6.55%	(2,622)	(8,725)
Expenses	(4,279)	(34,000)	12.59%		
SSA 6 Debt Fund					
Revenues	113,675	237,642	47.83%	(123,467)	500
Expenses	(237,143)	(237,142)	100.00%		
SSA 8 Fund					
Revenues	14,477	125,911	11.50%	11,730	911
Expenses	(2,747)	(125,000)	2.20%		

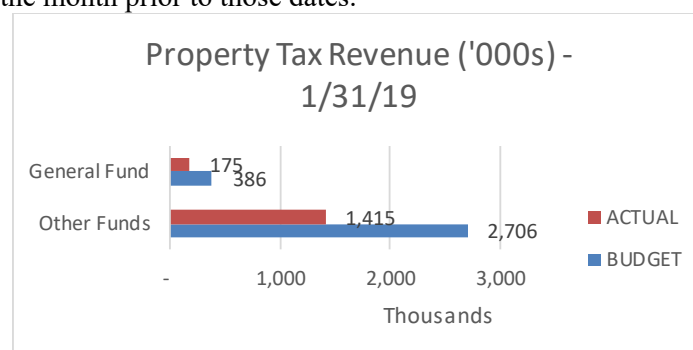
REVENUE & EXPENDITURES - BY FUND						
PERIOD ENDING JANUARY 31, 2019						
PERCENTAGE OF YEAR COMPLETED: 75%						
		ACTUAL	FY 2018	% OF	ACTUAL	BUDGET
		YTD	BUDGET	BUDGET	INCR (DECR)	INCR (DECR)
Capital Improvement						
	Revenues	300,000	-	#DIV/0!	(946,825)	(2,253,749)
	Expenses	(1,246,825)	(2,253,749)	55.32%		
Road Construction Debt Fund						
	Revenues	616,771	1,301,205	47.40%	(684,512)	70
	Expenses	(1,301,283)	(1,301,135)	100.01%		
Water Fund						
	Revenues	695,252	862,000	80.66%	37,449	(17,610)
	Expenses	(657,803)	(879,610)	74.78%		
Parking Fund						
	Revenues	47,339	64,000	73.97%	(52,423)	(62,450)
	Expenses	(99,763)	(126,450)	78.89%		
Sewer Fund						
	Revenues	626,713	672,000	93.26%	440,004	221,225
	Expenses	(186,709)	(450,775)	41.42%		
TOTALS - ALL FUNDS					(183,604)	(1,579,522)
	Revenues	10,295,257	14,427,318			
	Expenses	(10,478,861)	(16,006,840)			
		(183,604)	(1,579,522)			

General Fund Summary

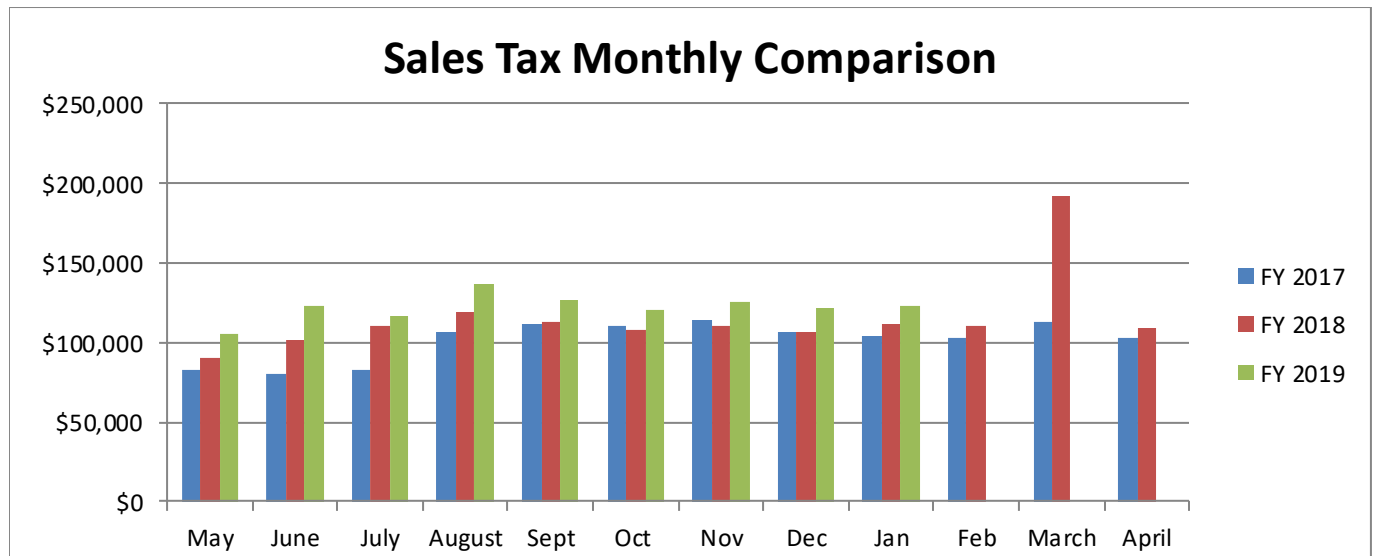
At January 31, 2019, the City's General Fund actual revenues of \$5,994,607 were \$545,148 in excess of actual expenses compared to the prior fiscal year where the revenues were \$555,606 in excess of expenses. The prior year revenue included \$225,925 from inter-fund service charges which were eliminated in the current year.

Major Revenues

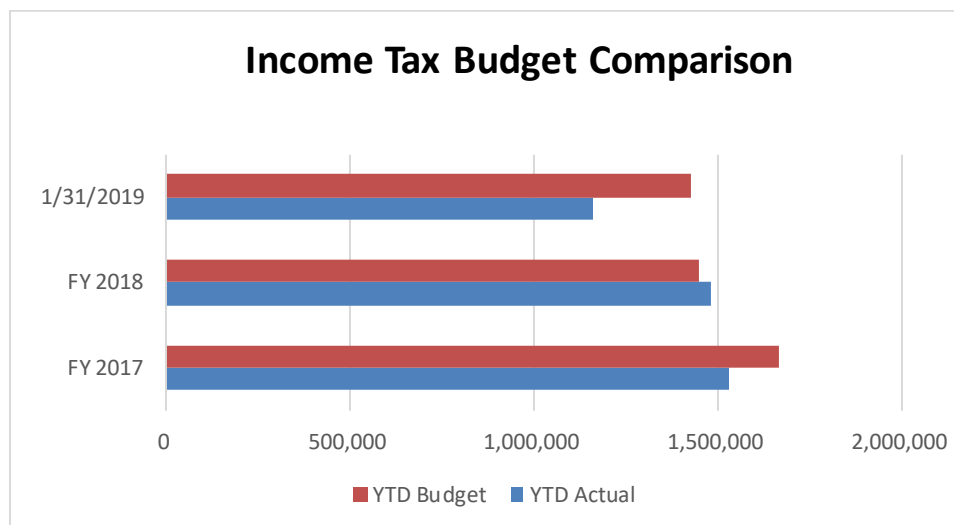
Property Taxes – For all funds, the City has collected a total of \$1,589,684 or 51.4% of budgeted property taxes. With tax payments in Cook County due August 1 and March 1, the majority of his revenue is received in the month prior to those dates.



Sales Taxes – Year to date sales taxes of \$1,098,405 are higher than the same months last year by \$120,475, and are higher than the target budget of \$977,930 by 12%. The following bar graph depicts the amount collected on a monthly basis for past two plus this fiscal year. In March, 2018, additional sales tax revenue was received as a result of the City’s identification of additional merchants within the city limits.



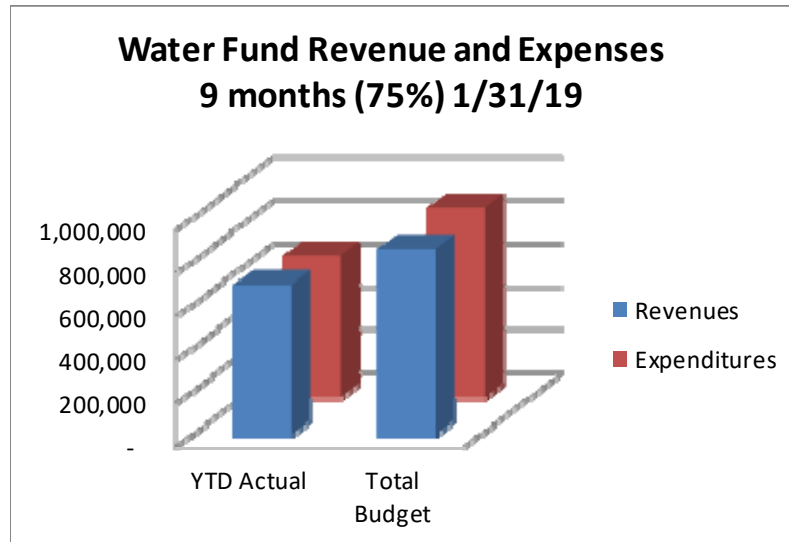
Income Taxes – As of January 31, 2019, income tax revenue of \$1,161,378 is 81.4% of budget. At the same time last year, income tax revenue was \$1,315,185 or 80.1% of budget.



Enterprise Funds

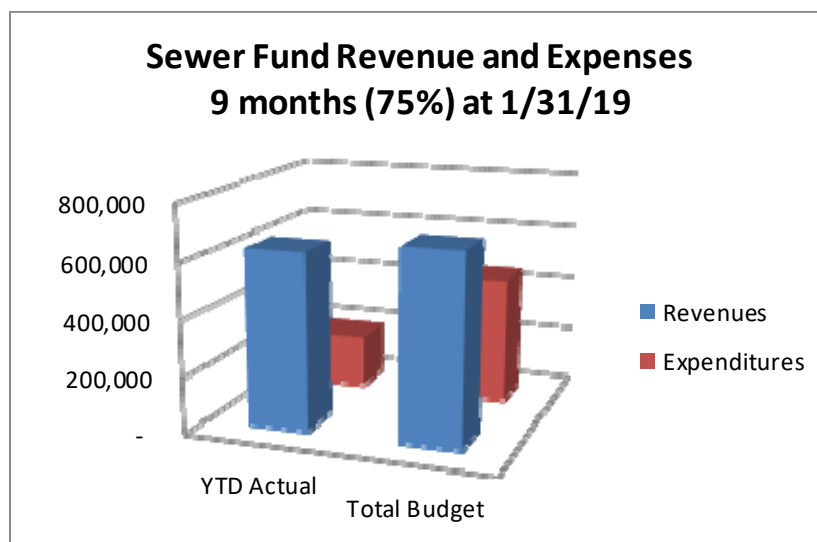
Water Fund

Water fund revenue is budgeted at \$862,000 for the entire fiscal year. Through January 31, 2019, the actual revenues are \$695,252 or 81% of budget compared to \$639,065 or 73.9% of budget for the same period last year. Water fund actual expenditures through January total \$657,803 or 75% of budget compared to \$625,676 or 55% of the budget for the same period last year.



Sewer Fund

Sewer fund revenue is budgeted at \$672,000 for the entire fiscal year. Through January 31, 2019, the actual revenues are \$626,716 or 93% of budget compared to \$385,484 or 57.3% of budget for the same period last year. Sewer fund actual expenditures through December total \$122,285 or 27% of budget compared to \$212,763 or 23% of the budget for the same period last year. The next quarterly sewer billing cycle will be in April 2019.



CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

GENERAL FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
<u>LOCAL TAXES</u>					
01-105-3000 REAL ESTATE TAXES	680.93	161,795.09	350,000.00	188,204.91	46.2
01-105-3005 USE TAX	43,907.77	339,232.08	427,533.00	88,300.92	79.4
01-105-3006 NON-HOME RULE SALES TAX	26,170.27	240,304.82	302,627.00	62,322.18	79.4
01-105-3010 UTILITY - ELECTRIC	34,371.81	288,574.67	389,000.00	100,425.33	74.2
01-105-3011 UTILITY - NATURAL GAS	21,994.73	105,253.73	160,200.00	54,946.27	65.7
01-105-3012 UTILITY- TELEPHONE	21,316.69	207,949.97	361,500.00	153,550.03	57.5
01-105-3030 ROAD & BRIDGE TAXES	56.45	12,841.52	36,346.00	23,504.48	35.3
01-105-3040 RENTAL CAR TAXES	1,775.14	13,757.65	18,274.00	4,516.35	75.3
01-105-3050 PLACES FOR EATING TAX	25,602.70	265,078.37	335,000.00	69,921.63	79.1
01-105-3060 HANDLE TAX - OTB	21,659.00	117,270.24	155,000.00	37,729.76	75.7
01-105-3065 VIDEO GAMING TAX	20,877.22	182,199.65	230,000.00	47,800.35	79.2
01-105-3070 AMUSEMENT TAX	.00	241.00	5,750.00	5,509.00	4.2
TOTAL LOCAL TAXES	218,412.71	1,934,498.79	2,771,230.00	836,731.21	69.8
<u>INTERGOVERNMENTAL REVENUES</u>					
01-110-3100 INCOME TAXES	134,873.85	1,161,377.53	1,427,547.92	266,170.39	81.4
01-110-3101 PERSONAL PROPERTY REPLACE TAX	565.07	3,238.82	5,228.00	1,989.18	62.0
01-110-3110 SALES TAXES	97,320.66	858,099.94	1,001,279.00	143,179.06	85.7
01-110-3111 GLENVIEW SHARED REVENUE	.00	20,258.91	57,500.00	37,241.09	35.2
01-110-3113 AIRPORT SHARING REVENUE	.00	46,047.16	.00	(46,047.16)	.0
TOTAL INTERGOVERNMENTAL REVENUES	232,759.58	2,089,022.36	2,491,554.92	402,532.56	83.8
<u>GRANTS REVENUE</u>					
01-115-3213 GRANT - STEP	.00	21,708.20	9,676.00	(12,032.20)	224.4
01-115-3246 GRANT-POLICE EQUIPMENT	.00	1,027.08	13,500.00	12,472.92	7.6
01-115-3247 GRANT - POLICE TOBACCO	.00	1,760.00	3,000.00	1,240.00	58.7
TOTAL GRANTS REVENUE	.00	24,495.28	26,176.00	1,680.72	93.6
<u>LICENSES & FEES</u>					
01-120-3300 VEHICLE STICKERS	6,469.00	61,432.00	663,429.57	601,997.57	9.3
01-120-3310 VEH. STICKERS SENIORS	224.00	2,305.00	50,669.67	48,364.67	4.6
01-120-3320 VEH. STICKERS LATE FEES	7,539.00	45,497.00	40,000.00	(5,497.00)	113.7
01-120-3321 VEH. STICKERS TRANSFERS	540.00	3,144.00	3,000.00	(144.00)	104.8
01-120-3342 LICENSES - ANIMALS	.00	1,163.00	12,500.00	11,337.00	9.3
01-120-3343 LICENSES - LIQUOR	200.00	1,855.00	85,000.00	83,145.00	2.2
01-120-3344 LICENSES - BUSINESS	.00	9,841.00	60,000.00	50,159.00	16.4
01-120-3346 LICENSES - CONTRACTORS	2,000.00	32,400.00	30,000.00	(2,400.00)	108.0
01-120-3348 LICENSE - AGREEMENTS	1,822.19	15,944.57	11,000.00	(4,944.57)	145.0
TOTAL LICENSES & FEES	18,794.19	173,581.57	955,599.24	782,017.67	18.2

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

GENERAL FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
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FRANCHISE FEES

01-125-3350	CABLE FRANCHISE FEES	9,223.44	110,016.10	225,000.00	114,983.90 48.9
01-125-3351	CABLE FRANCHISE - PEG FEES	.00	10,157.14	.00 (	10,157.14) .0
01-125-3355	SOLID WASTE FRANCHISE FEES	.00	57,877.52	95,000.00	37,122.48 60.9
01-125-3360	NATURAL GAS FRANCHISE FEES	20,176.20	20,176.20	24,500.00	4,323.80 82.4
TOTAL FRANCHISE FEES		29,399.64	198,226.96	344,500.00	146,273.04 57.5

BUILDING & ZONING FEES

01-130-3400	BUILDING PERMITS	5,301.00	235,929.57	175,000.00 (	60,929.57) 134.8
01-130-3402	PUBLIC HEARING FEES	.00	6,360.40	2,500.00 (	3,860.40) 254.4
01-130-3403	ELEVATOR INSPECTION FEE	2,700.00	4,075.00	5,100.00	1,025.00 79.9
01-130-3404	CERT. OF OCC. INSPECTION FEES	150.00	2,075.00	750.00 (	1,325.00) 276.7
01-130-3405	HEALTH INSPECTION FEE	.00	357.50	500.00	142.50 71.5
01-130-3406	COMMERCIAL INSPECTION FEE	125.00	2,214.00	8,250.00	6,036.00 26.8
01-130-3407	ENGINEERING PERMIT FEES	75.00	12,050.00	5,000.00 (	7,050.00) 241.0
01-130-3408	VACANT FORECLOSURE REGIS	400.00	8,970.00	13,400.00	4,430.00 66.9
01-130-3410	BUILDING RE-INSPECTION FEE	.00	505.00	500.00 (	5.00) 101.0
01-130-3411	RENTAL INSPECTION FEE	88,125.00	114,625.00	220,000.00	105,375.00 52.1
TOTAL BUILDING & ZONING FEES		96,876.00	387,161.47	431,000.00	43,838.53 89.8

PUBLIC SAFETY FINES & FEES

01-140-3500	TRAFFIC FINES	25,090.46	162,471.60	300,000.00	137,528.40 54.2
01-140-3505	ORDINANCE & PARKING FINES	22,779.21	263,603.04	250,000.00 (	13,603.04) 105.4
01-140-3510	LIQUOR FINES	6,500.00	6,500.00	.00 (	6,500.00) .0
01-140-3515	VEHICLE SEIZURE FEE	5,000.00	34,000.00	60,000.00	26,000.00 56.7
01-140-3520	DUI ASSESSMENTS	.00	5,946.35	8,000.00	2,053.65 74.3
01-140-3525	POLICE ALARM LICENSES & FEES	200.00	2,030.00	11,000.00	8,970.00 18.5
TOTAL PUBLIC SAFETY FINES & FEES		59,569.67	474,550.99	629,000.00	154,449.01 75.5

PUBLIC SAFETY SPECIAL REVENUE

01-145-3550	POLICE REVENUE-NARCOTICS	.00	6,817.06	15,000.00	8,182.94 45.5
01-145-3551	POLICE REVENUE-TASK FORCE	.00	.00	16,000.00	16,000.00 .0
01-145-3552	POLICE REV-ABANDENED PROP EVID	.00	.00	200.00	200.00 .0
01-145-3553	POLICE REVENUE-SPECIAL DETAILS	1,920.00	43,380.94	13,000.00 (	30,380.94) 333.7
01-145-3554	POLICE REVENUE - GAMING TAX	.00	11,566.11	1,500.00 (	10,066.11) 771.1
01-145-3555	POLICE REVENUE - SEIZED ASSETS	.00	449.51	.00 (	449.51) .0
01-145-3745	PUBLIC SAFETY REIMBURSABLE FEE	.00	1,597.94	13,000.00	11,402.06 12.3
TOTAL PUBLIC SAFETY SPECIAL REVENUE		1,920.00	63,811.56	58,700.00 (	5,111.56) 108.7

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
	<u>INTERFUND SERVICE CHARGES</u>					
01-150-3613	CVB/TOURISM SERVICE CHARGE	5,833.33	52,499.97	70,000.00	17,500.03	75.0
01-150-3617	SOLID WASTE SERVICE CHARGE	10,250.00	92,250.00	123,000.00	30,750.00	75.0
	<u>TOTAL INTERFUND SERVICE CHARGES</u>	<u>16,083.33</u>	<u>144,749.97</u>	<u>193,000.00</u>	<u>48,250.03</u>	<u>75.0</u>
	<u>REIMBURSABLE INCOME</u>					
01-155-3700	EMPLOYEE SALARY REIMBURSEMENT	8,321.63	32,275.61	35,000.00	2,724.39	92.2
01-155-3702	EMPLOYEE INS. REIMBURSEMENT	4,121.49	38,173.25	52,260.00	14,086.75	73.0
01-155-3703	RETIREE HEALTH INS REIMBURSE	3,307.00	32,039.35	80,039.00	47,999.65	40.0
01-155-3720	FIRE DISTRICT GAS REIMB.	.00	6,400.97	6,600.00	199.03	97.0
01-155-3730	INSURANCE REIMBURSEMENTS	.00	1,951.73	140,000.00	138,048.27	1.4
01-155-3741	BUILDING & ENG DEPT REIMB FEES	176.44	1,251.12	500.00	(751.12)	250.2
	<u>TOTAL REIMBURSABLE INCOME</u>	<u>15,926.56</u>	<u>112,092.03</u>	<u>314,399.00</u>	<u>202,306.97</u>	<u>35.7</u>
	<u>OTHER REVENUES</u>					
01-160-3800	INTEREST INCOME	16,983.70	148,799.32	32,500.00	(116,299.32)	457.8
01-160-3801	INTEREST INCOME - DEBT	.00	.00	5,750.00	5,750.00	.0
01-160-3810	NEWSLETTER ADVERTISING	.00	800.00	2,000.00	1,200.00	40.0
01-160-3811	BUS SHELTERS AD REVENUE	3,114.94	3,114.94	3,000.00	(114.94)	103.8
01-160-3815	SPONSORSHIP & CONTRIBUTIONS	.00	7,435.00	7,000.00	(435.00)	106.2
01-160-3820	SALE OF CITY PROPERTY	4,888.00	4,888.00	7,500.00	2,612.00	65.2
01-160-3830	GASOLINE REBATE	.00	1,647.97	.00	(1,647.97)	.0
01-160-3840	AIRPORT MEETING FEES	.00	5.00	.00	(5.00)	.0
01-160-3899	MISCELLANEOUS INCOME	365.00	9,238.53	15,000.00	5,761.47	61.6
	<u>TOTAL OTHER REVENUES</u>	<u>25,351.64</u>	<u>175,928.76</u>	<u>72,750.00</u>	<u>(103,178.76)</u>	<u>241.8</u>
	<u>OTHER FINANCING SOURCES</u>					
01-200-3990	INTERFUND TRANSFER IN	72,162.50	216,487.50	288,651.00	72,163.50	75.0
	<u>TOTAL OTHER FINANCING SOURCES</u>	<u>72,162.50</u>	<u>216,487.50</u>	<u>288,651.00</u>	<u>72,163.50</u>	<u>75.0</u>
	<u>TOTAL FUND REVENUE</u>	<u>787,255.82</u>	<u>5,994,607.24</u>	<u>8,576,560.16</u>	<u>2,581,952.92</u>	<u>69.9</u>

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

GENERAL FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
CITY COUNCIL & BOARDS					
01-310-4000 WAGES	4,040.00	22,040.00	27,000.00	4,960.00	81.6
01-310-4003 WAGES - PART TIME	.00	.00	4,500.00	4,500.00	.0
01-310-4200 SOCIAL SECURITY	139.50	1,255.50	1,960.00	704.50	64.1
01-310-4210 MEDICARE	32.66	293.52	460.00	166.48	63.8
01-310-5100 PROFESSIONAL SERVICES	165.50	165.50	1,500.00	1,334.50	11.0
01-310-5300 ALDERMANIC EXPENSES	1,000.00	2,012.26	4,300.00	2,287.74	46.8
01-310-5310 MEMBERSHIPS	250.00	11,207.22	12,600.00	1,392.78	89.0
01-310-5330 TRAINING	.00	.00	400.00	400.00	.0
01-310-5610 EQUIP MAINTENANCE - NRC	.00	.00	250.00	250.00	.0
01-310-5650 LANDSCAPE SUPPLIES - NRC	.00	.00	1,050.00	1,050.00	.0
01-310-5950 SPECIAL EVENTS	30.93	31,377.22	22,000.00	(9,377.22)	142.6
01-310-7020 EQUIPMENT	76.07	2,083.83	14,890.00	12,806.17	14.0
TOTAL CITY COUNCIL & BOARDS	5,734.66	70,435.05	90,910.00	20,474.95	77.5

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

GENERAL FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
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ADMINISTRATION

01-320-4000 WAGES	24,342.87	223,951.05	317,120.00	93,168.95	70.6
01-320-4003 WAGES - PART-TIME	1,900.76	30,782.77	29,770.00	(1,012.77)	103.4
01-320-4010 OVERTIME	.00	420.75	.00	(420.75)	.0
01-320-4100 HEALTH INSURANCE	1,539.50	12,316.00	24,230.00	11,914.00	50.8
01-320-4110 LIFE INSURANCE	45.38	180.89	250.00	69.11	72.4
01-320-4200 SOCIAL SECURITY	1,606.18	13,669.43	21,510.00	7,840.57	63.6
01-320-4210 MEDICARE	375.62	3,646.10	5,030.00	1,383.90	72.5
01-320-4220 IMRF	3,034.00	25,250.09	40,200.00	14,949.91	62.8
01-320-5100 PROFESSIONAL SERVICES	103.00	15,411.75	25,000.00	9,588.25	61.7
01-320-5105 PROFESSIONAL FEES - ENGR	3,896.00	65,678.93	46,000.00	(19,678.93)	142.8
01-320-5106 PROFESSIONAL FEES - GOV IT SYS	220.00	13,830.00	21,000.00	7,170.00	65.9
01-320-5107 PROFESSIONAL FEES - REIMB	462.00	2,862.50	7,000.00	4,137.50	40.9
01-320-5130 COMPUTER CONSULTANT	4,590.00	30,856.00	60,000.00	29,144.00	51.4
01-320-5200 POSTAGE	2,218.83	6,491.54	14,000.00	7,508.46	46.4
01-320-5220 PHOTOCOPY	2,105.66	16,579.96	19,000.00	2,420.04	87.3
01-320-5221 PRINTING	2,611.20	13,092.79	15,000.00	1,907.21	87.3
01-320-5222 LEGAL NOTICES	.00	1,434.57	2,000.00	565.43	71.7
01-320-5230 WEBSITE	.00	6,895.14	6,500.00	(395.14)	106.1
01-320-5310 MEMBERSHIPS	.00	1,898.00	2,200.00	302.00	86.3
01-320-5330 TRAINING	.00	40.00	3,500.00	3,460.00	1.1
01-320-5410 UTILITIES	4,872.66	39,819.09	61,500.00	21,680.91	64.8
01-320-5430 CREDIT CARD & BANK CHARGES	168.96	2,830.19	11,000.00	8,169.81	25.7
01-320-5500 LIABILITY INSURANCE	9,351.39	68,945.07	36,700.00	(32,245.07)	187.9
01-320-5501 INSURANCE DEDUCTIBLES	.00	.00	12,500.00	12,500.00	.0
01-320-5530 WORKERS COMPENSATION INSURANCE	255.52	3,179.22	3,400.00	220.78	93.5
01-320-5700 OFFICE SUPPLIES	1,548.21	6,112.45	12,000.00	5,887.55	50.9
01-320-5710 OPERATING SUPPLIES	.00	130.27	.00	(130.27)	.0
01-320-5751 GASOLINE	.00	.00	300.00	300.00	.0
01-320-5820 PUBLICATIONS	744.60	744.60	.00	(744.60)	.0
01-320-5951 EMPLOYEE RECOGNITION	340.47	340.47	.00	(340.47)	.0
01-320-7020 EQUIPMENT	149.99	4,958.48	28,750.00	23,791.52	17.3
 TOTAL ADMINISTRATION	 66,482.80	 612,348.10	 825,460.00	 213,111.90	 74.2

FINANCE

01-322-5101 AUDIT & FINANCE FEES	13,800.00	110,178.00	185,000.00	74,822.00	59.6
01-322-5310 MEMBERSHIPS	.00	.00	850.00	850.00	.0
01-322-5540 PAYROLL SERVICE FEES	.00	2,851.50	6,200.00	3,348.50	46.0
01-322-5541 ACCTG SERVICE FEES	1,420.80	5,436.90	4,500.00	(936.90)	120.8
 TOTAL FINANCE	 15,220.80	 118,466.40	 196,550.00	 78,083.60	 60.3

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

GENERAL FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>LEGAL</u>					
01-324-5120 CITY ATTORNEY	24,063.00	200,856.36	120,000.00	(80,856.36)	167.4
01-324-5121 HOUSING ATTORNEY	.00	.00	13,200.00	13,200.00	.0
01-324-5122 CITY PROSECUTOR	8,837.50	25,847.50	30,000.00	4,152.50	86.2
01-324-5123 LABOR ATTORNEY	.00	7,348.50	50,000.00	42,651.50	14.7
01-324-5125 OUTSIDE COUNSEL	1,800.00	1,800.00	10,000.00	8,200.00	18.0
TOTAL LEGAL	34,700.50	235,852.36	223,200.00	(12,652.36)	105.7

BUILDING DEPARTMENT

01-340-4000 WAGES	23,809.60	218,784.50	309,370.00	90,585.50	70.7
01-340-4100 HEALTH INSURANCE	4,840.00	38,720.00	55,660.00	16,940.00	69.6
01-340-4110 LIFE INSURANCE	65.70	295.52	400.00	104.48	73.9
01-340-4200 SOCIAL SECURITY	1,434.96	13,220.67	19,190.00	5,969.33	68.9
01-340-4210 MEDICARE	335.61	3,091.98	4,490.00	1,398.02	68.9
01-340-4220 IMRF	2,942.88	25,269.89	39,210.00	13,940.11	64.5
01-340-5100 PROFESSIONAL SERVICES	4,398.29	51,571.57	62,300.00	10,728.43	82.8
01-340-5111 BILLABLE ENGINEERING	.00	4,033.50	12,000.00	7,966.50	33.6
01-340-5221 PRINTING	598.00	1,074.70	2,000.00	925.30	53.7
01-340-5222 LEGAL NOTICES	917.26	2,661.61	2,000.00	(661.61)	133.1
01-340-5310 MEMBERSHIPS	.00	540.00	920.00	380.00	58.7
01-340-5330 TRAINING	115.00	554.00	4,500.00	3,946.00	12.3
01-340-5500 LIABILITY INSURANCE	.00	922.28	1,000.00	77.72	92.2
01-340-5530 WORKERS COMPENSATION INSURANCE	295.66	3,468.70	3,900.00	431.30	88.9
01-340-5700 OFFICE SUPPLIES	684.48	1,624.10	3,500.00	1,875.90	46.4
01-340-5751 GASOLINE	.00	248.24	4,320.00	4,071.76	5.8
01-340-5820 PUBLICATIONS	.00	.00	2,000.00	2,000.00	.0
01-340-7020 EQUIPMENT	(893.91)	584.78	9,600.00	9,015.22	6.1
TOTAL BUILDING DEPARTMENT	39,543.53	366,666.04	536,360.00	169,693.96	68.4

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

GENERAL FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>PUBLIC WORKS</u>					
01-350-4000 WAGES	29,622.40	276,175.22	395,700.00	119,524.78	69.8
01-350-4001 ALLOCATED WAGES & BENEFITS	(8,250.00)	(32,250.00)	(45,000.00)	(12,750.00)	(71.7)
01-350-4003 WAGES - PART-TIME	.00	6,468.00	10,560.00	4,092.00	61.3
01-350-4010 OVERTIME	1,472.18	17,660.04	40,000.00	22,339.96	44.2
01-350-4100 HEALTH INSURANCE	10,262.00	88,126.00	115,500.00	27,374.00	76.3
01-350-4110 LIFE INSURANCE	82.50	371.25	500.00	128.75	74.3
01-350-4200 SOCIAL SECURITY	1,899.74	18,383.14	27,630.00	9,246.86	66.5
01-350-4210 MEDICARE	444.30	4,299.20	6,460.00	2,160.80	66.6
01-350-4220 IMRF	4,188.56	33,512.69	55,130.00	21,617.31	60.8
01-350-5000 BUILDING MAINTENANCE	(522.29)	.00	.00	.00	.0
01-350-5020 VEHICLE MAINTENANCE	4,781.40	21,475.31	50,000.00	28,524.69	43.0
01-350-5031 SIGNAL MAINTENANCE	.00	6,859.80	36,000.00	29,140.20	19.1
01-350-5100 PROFESSIONAL SERVICES	1,130.12	5,924.46	15,000.00	9,075.54	39.5
01-350-5103 PROF SERVICES - FORESTRY	.00	20,128.52	63,800.00	43,671.48	31.6
01-350-5104 PROF SERVICES - BUILDING MAIN	2,797.83	18,768.85	76,000.00	57,231.15	24.7
01-350-5106 PROF SERVICES - STREETS/DRAIN	.00	.00	75,000.00	75,000.00	.0
01-350-5310 MEMBERSHIPS	.00	47.40	4,500.00	4,452.60	1.1
01-350-5330 TRAINING	.00	1,126.17	4,500.00	3,373.83	25.0
01-350-5410 UTILITIES	280.50	2,013.30	.00	(2,013.30)	.0
01-350-5411 WATER AND ELECTRIC PURCHASES	867.59	6,970.68	11,000.00	4,029.32	63.4
01-350-5421 DUMP CHARGES	.00	.00	4,000.00	4,000.00	.0
01-350-5441 LICENSES	.00	.00	500.00	500.00	.0
01-350-5500 LIABILITY INSURANCE PREMIUM	.00	71,516.68	49,100.00	(22,416.68)	145.7
01-350-5510 RENTAL EQUIPMENT	.00	722.12	4,000.00	3,277.88	18.1
01-350-5530 WORKERS COMPENSATION INSURANCE	1,249.11	17,375.97	16,500.00	(875.97)	105.3
01-350-5610 EQUIPMENT MAINTENANCE	.00	1,561.77	5,000.00	3,438.23	31.2
01-350-5634 STONE & CONCRETE	.00	1,759.94	5,000.00	3,240.06	35.2
01-350-5635 STORM SEWER & PIPE	.00	813.86	10,000.00	9,186.14	8.1
01-350-5650 LANDSCAPE SUPPLIES	493.99	1,700.35	15,000.00	13,299.65	11.3
01-350-5700 OFFICE SUPPLIES	36.99	401.34	1,500.00	1,098.66	26.8
01-350-5710 OPERATING SUPPLIES	916.14	9,899.28	30,000.00	20,100.72	33.0
01-350-5721 SIGNS	456.70	6,554.87	30,000.00	23,445.13	21.9
01-350-5730 TOOLS	.00	399.46	5,500.00	5,100.54	7.3
01-350-5751 GASOLINE	3,659.31	18,003.01	20,000.00	1,996.99	90.0
01-350-5820 PUBLICATIONS	(325.00)	.00	.00	.00	.0
01-350-7011 IMPROVEMENTS - PW	.00	22,931.00	27,000.00	4,069.00	84.9
01-350-7020 EQUIPMENT	.00	5,928.00	7,500.00	1,572.00	79.0
01-350-7021 RADIO EQUIPMENT	.00	149.97	600.00	450.03	25.0
01-350-7023 SAFETY EQUIPMENT	457.32	2,290.48	5,000.00	2,709.52	45.8
01-350-7025 SOFTWARE	.00	.00	14,000.00	14,000.00	.0
TOTAL PUBLIC WORKS	56,001.39	658,068.13	1,192,480.00	534,411.87	55.2

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

GENERAL FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
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PUBLIC SAFETY

01-360-4000	WAGES	66,235.98	408,841.97	575,470.00	166,628.03	71.0
01-360-4001	WAGES - SWORN OFFICERS	127,634.06	1,275,011.33	1,864,290.00	589,278.67	68.4
01-360-4002	WAGES - EXTRA STRAIGHT PAY	6,535.17	30,583.15	46,375.00	15,791.85	66.0
01-360-4004	WAGES - PART-TIME SWORN OFFCRS	8,463.50	76,347.68	122,500.00	46,152.32	62.3
01-360-4010	OVERTIME	93.33	874.16	2,500.00	1,625.84	35.0
01-360-4011	OVERTIME - SWORN OFFICERS	12,036.29	120,143.85	140,000.00	19,856.15	85.8
01-360-4100	HEALTH INSURANCE	35,729.16	309,418.60	465,850.00	156,431.40	66.4
01-360-4110	LIFE INSURANCE	442.16	1,933.53	2,660.00	726.47	72.7
01-360-4120	UNEMPLOYMENT INSURANCE	.00	11,953.83	.00	(11,953.83)	.0
01-360-4200	SOCIAL SECURITY	1,816.59	16,342.19	25,725.00	9,382.81	63.5
01-360-4210	MEDICARE	2,841.52	26,761.94	39,465.00	12,703.06	67.8
01-360-4220	IMRF	1,625.04	14,240.26	28,690.00	14,449.74	49.6
01-360-4230	PENSION CONTRIBUTION - R/E TAX	680.93	161,795.09	350,000.00	188,204.91	46.2
01-360-4231	PENSION CONTRIBUTION-CITY GF	.00	.00	447,149.00	447,149.00	.0
01-360-5100	PROFESSIONAL SERVICES	4,024.06	12,501.98	23,700.00	11,198.02	52.8
01-360-5101	PROFESSIONAL FEES - VOCA	13,347.34	53,389.36	80,100.00	26,710.64	66.7
01-360-5140	PRISONERS CARE	116.78	594.29	2,500.00	1,905.71	23.8
01-360-5141	KENNEL FEES	119.73	1,598.67	4,000.00	2,401.33	40.0
01-360-5200	POSTAGE	68.08	1,199.92	3,000.00	1,800.08	40.0
01-360-5221	PRINTING	618.00	2,722.80	5,000.00	2,277.20	54.5
01-360-5240	NORTHWEST CENTRAL DISPATCH	21,593.31	215,623.76	260,811.00	45,187.24	82.7
01-360-5310	MEMBERSHIPS	1,490.00	45,628.00	50,100.00	4,472.00	91.1
01-360-5321	AUTO EXPENSE	140.50	1,135.45	2,500.00	1,364.55	45.4
01-360-5330	TRAINING	14,536.20	22,640.53	26,900.00	4,259.47	84.2
01-360-5340	TUITION REIMBURSEMENT	.00	.00	8,000.00	8,000.00	.0
01-360-5410	UTILITIES	354.56	3,538.47	.00	(3,538.47)	.0
01-360-5500	LIABILITY INSURANCE PREMIUM	.00	75,454.00	46,400.00	(29,054.00)	162.6
01-360-5510	RENTAL EQUIPMENT	.00	312.03	620.00	307.97	50.3
01-360-5520	ID NETWORKS	.00	13,247.00	25,000.00	11,753.00	53.0
01-360-5530	WORKERS COMPENSATION INSURANCE	8,463.95	81,323.33	111,600.00	30,276.67	72.9
01-360-5610	EQUIPMENT MAINTENANCE	570.17	11,510.86	16,500.00	4,989.14	69.8
01-360-5611	RADIO MAINTENANCE	6.50	643.26	1,000.00	356.74	64.3
01-360-5700	OFFICE SUPPLIES	1,008.21	4,188.14	7,500.00	3,311.86	55.8
01-360-5710	OPERATING SUPPLIES	803.90	3,970.79	11,200.00	7,229.21	35.5
01-360-5740	RANGE SUPPLIES	.00	3,238.40	7,650.00	4,411.60	42.3
01-360-5741	CLOTHING	5,825.09	16,439.59	25,700.00	9,260.41	64.0
01-360-5751	GASOLINE	.00	27,455.77	50,000.00	22,544.23	54.9
01-360-5820	PUBLICATIONS	128.80	385.20	1,060.00	674.80	36.3
01-360-7022	POLICE TECH/SAFETY SUPPLIES	961.21	7,459.32	15,205.00	7,745.68	49.1
TOTAL PUBLIC SAFETY		338,310.12	3,060,448.50	4,896,720.00	1,836,271.50	62.5

PUBLIC SAFETY-SPECIAL ACCT EXP

01-365-5981	DUI EXPENSE	115.00	2,089.33	20,000.00	17,910.67	10.5
01-365-5982	NARCOTICS EXPENSE	.00	700.00	.00	(700.00)	.0
01-365-5983	SEIZED ASSET - EXPENSE	.00	10,356.76	.00	(10,356.76)	.0
TOTAL PUBLIC SAFETY-SPECIAL ACCT EXP		115.00	13,146.09	20,000.00	6,853.91	65.7

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REIMBURSABLE EXP</u>					
01-370-4101	RETIREE HEALTH INSURANCE	4,903.67	33,576.67	80,039.00	46,462.33	42.0
01-370-5102	GRANT WRITER	.00	10,000.00	20,750.00	10,750.00	48.2
01-370-5751	GASOLINE	.00	6,601.43	6,000.00	(601.43)	110.0
	TOTAL REIMBURSABLE EXP	4,903.67	50,178.10	106,789.00	56,610.90	47.0
	<u>OTHER EXPENSES</u>					
01-380-5970	REFUNDS	.00	6.48	2,000.00	1,993.52	.3
01-380-5975	SALES TAX REBATE	.00	68,285.71	168,000.00	99,714.29	40.7
01-380-5999	MISCELLANEOUS EXPENSE	.00	.00	1,500.00	1,500.00	.0
	TOTAL OTHER EXPENSES	.00	68,292.19	171,500.00	103,207.81	39.8
	<u>GRANTS</u>					
01-390-5900	GRANT - GENERAL EXPENSE	.00	.00	1,500.00	1,500.00	.0
01-390-5915	GRANT - DECO LIGHTING	8,569.72	8,569.72	.00	(8,569.72)	.0
01-390-5947	GRANT-POLICE TOBACCO EXPENSE	.00	50.00	.00	(50.00)	.0
	TOTAL GRANTS	8,569.72	8,619.72	1,500.00	(7,119.72)	574.7
	<u>DEBT SERVICE</u>					
01-400-6000	PRINCIPAL	.00	145,000.00	145,000.00	.00	100.0
01-400-6010	INTEREST	.00	41,938.26	41,972.00	33.74	99.9
	TOTAL DEBT SERVICE	.00	186,938.26	186,972.00	33.74	100.0
	TOTAL FUND EXPENDITURES	569,582.19	5,449,458.94	8,448,441.00	2,998,982.06	64.5
	NET REVENUE OVER EXPENDITURES	217,673.63	545,148.30	128,119.16	(417,029.14)	425.5

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

MOTOR FUEL TAX FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
11-100-3800	INTEREST INCOME	3,342.40	23,315.64	5,000.00	(18,315.64)	466.3
	TOTAL REVENUES	3,342.40	23,315.64	5,000.00	(18,315.64)	466.3
	<u>INTERGOVERNMENTAL REVENUES</u>					
11-110-3120	MOTOR FUEL TAX	35,307.48	315,863.57	415,000.00	99,136.43	76.1
	TOTAL INTERGOVERNMENTAL REVENUES	35,307.48	315,863.57	415,000.00	99,136.43	76.1
	TOTAL FUND REVENUE	38,649.88	339,179.21	420,000.00	80,820.79	80.8

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

MOTOR FUEL TAX FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>EXPENSES</u>					
11-300-5632	ICE CONTROL MAINTENANCE	.00	.00	50,000.00	50,000.00	.0
	TOTAL EXPENSES	.00	.00	50,000.00	50,000.00	.0
	TOTAL FUND EXPENDITURES	.00	.00	50,000.00	50,000.00	.0
	NET REVENUE OVER EXPENDITURES	38,649.88	339,179.21	370,000.00	30,820.79	91.7

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

PALATINE/MILWAUKEE TIF FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
12-100-3000	REAL ESTATE TAXES	421.29	516,290.23	670,000.00	153,709.77	77.1
12-100-3800	INTEREST INCOME	205.45	1,825.68	.00	(1,825.68)	.0
12-100-3899	MISCELLANEOUS INCOME	.00	64.37	.00	(64.37)	.0
	TOTAL REVENUES	626.74	518,180.28	670,000.00	151,819.72	77.3
	TOTAL FUND REVENUE	626.74	518,180.28	670,000.00	151,819.72	77.3

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

PALATINE/MILWAUKEE TIF FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>EXPENSES</u>					
12-300-5100	PROFESSIONAL SERVICES	.00	3,310.00	.00	(3,310.00)	.0
12-300-5101	AUDIT	.00	2,396.00	1,500.00	(896.00)	159.7
12-300-5430	BANK FEES	.00	.00	750.00	750.00	.0
	TOTAL EXPENSES	.00	5,706.00	2,250.00	(3,456.00)	253.6
	<u>DEPARTMENT 500</u>					
12-500-7011	BUILDING IMPROVEMENTS	5,045.00	5,045.00	.00	(5,045.00)	.0
	TOTAL DEPARTMENT 500	5,045.00	5,045.00	.00	(5,045.00)	.0
	TOTAL FUND EXPENDITURES	5,045.00	10,751.00	2,250.00	(8,501.00)	477.8
	NET REVENUE OVER EXPENDITURES	(4,418.26)	507,429.28	667,750.00	160,320.72	76.0

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

TOURISM DISTRICT

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
13-100-3020	HOTEL TAXES	35,994.56	676,855.43	845,000.00	168,144.57	80.1
13-100-3800	INTEREST INCOME	133.13	990.80	125.00	(865.80)	792.6
	TOTAL REVENUES	36,127.69	677,846.23	845,125.00	167,278.77	80.2
	TOTAL FUND REVENUE	36,127.69	677,846.23	845,125.00	167,278.77	80.2

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

TOURISM DISTRICT

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>EXPENSES</u>					
13-300-5100	PROFESSIONAL SERVICES	1,995.00	4,090.00	.00	(4,090.00)	.0
13-300-5101	AUDIT	.00	2,995.00	3,000.00	5.00	99.8
13-300-5108	BEAUTIFICATION	439.51	60,895.88	103,500.00	42,604.12	58.8
13-300-5310	MEMBERSHIPS	.00	55,620.00	63,000.00	7,380.00	88.3
13-300-5401	SERVICE CHARGE - GENERAL FUND	5,833.33	52,499.97	70,000.00	17,500.03	75.0
13-300-5920	GRANT - HOTELS	.00	188,294.25	288,650.00	100,355.75	65.2
	TOTAL EXPENSES	8,267.84	364,395.10	528,150.00	163,754.90	69.0
	<u>OTHER FINANCING USES</u>					
13-600-8090	INTERFUND TRANSFER OUT	72,162.50	516,487.50	288,650.00	(227,837.50)	178.9
	TOTAL OTHER FINANCING USES	72,162.50	516,487.50	288,650.00	(227,837.50)	178.9
	TOTAL FUND EXPENDITURES	80,430.34	880,882.60	816,800.00	(64,082.60)	107.9
	NET REVENUE OVER EXPENDITURES	(44,302.65)	(203,036.37)	28,325.00	231,361.37	(716.8)

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

DEA SEIZURE FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
16-100-3551	POLICE REVENUE-TASK FORCE	.00	21,066.82	.00	(21,066.82)	.0
16-100-3800	INTEREST INCOME	224.75	2,024.13	.00	(2,024.13)	.0
	TOTAL REVENUES	224.75	23,090.95	.00	(23,090.95)	.0
	TOTAL FUND REVENUE	224.75	23,090.95	.00	(23,090.95)	.0

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

DEA SEIZURE FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>EXPENSES</u>					
16-300-5100	PROFESSIONAL SERVICES	.00	.00	10,000.00	10,000.00	.0
16-300-5310	MEMBERSHIP	.00	659.25	4,000.00	3,340.75	16.5
16-300-5330	TRAINING	.00	.00	4,500.00	4,500.00	.0
16-300-5610	EQUIPMENT MAINTENANCE	.00	4,800.00	50,000.00	45,200.00	9.6
16-300-5710	OPERATING SUPPLIES	.00	.00	9,000.00	9,000.00	.0
16-300-7022	POLICE EQUIPMENT	2,569.60	3,110.05	.00	(3,110.05)	.0
	TOTAL EXPENSES	2,569.60	8,569.30	77,500.00	68,930.70	11.1
	<u>CAPITAL OUTLAY GENERAL</u>					
16-500-7020	EQUIPMENT - CAPITAL	6,998.00	19,176.09	60,000.00	40,823.91	32.0
	TOTAL CAPITAL OUTLAY GENERAL	6,998.00	19,176.09	60,000.00	40,823.91	32.0
	TOTAL FUND EXPENDITURES	9,567.60	27,745.39	137,500.00	109,754.61	20.2
	NET REVENUE OVER EXPENDITURES	(9,342.85)	(4,654.44)	(137,500.00)	(132,845.56)	(3.4)

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

SOLID WASTE DISPOSAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
17-100-3355	SOLID WASTE FEES	.00	312,666.56	475,000.00	162,333.44	65.8
17-100-3800	INTEREST INCOME	201.85	1,783.19	2,500.00	716.81	71.3
	TOTAL REVENUES	201.85	314,449.75	477,500.00	163,050.25	65.9
	TOTAL FUND REVENUE	201.85	314,449.75	477,500.00	163,050.25	65.9

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

SOLID WASTE DISPOSAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>EXPENSES</u>					
17-300-5401	SERVICE CHARGE - GENERAL FUND	10,250.00	92,250.00	123,000.00	30,750.00	75.0
17-300-5420	SWANCC CHARGES	27,484.34	274,908.32	327,726.00	52,817.68	83.9
	TOTAL EXPENSES	37,734.34	367,158.32	450,726.00	83,567.68	81.5
	TOTAL FUND EXPENDITURES	37,734.34	367,158.32	450,726.00	83,567.68	81.5
	NET REVENUE OVER EXPENDITURES	(37,532.49)	(52,708.57)	26,774.00	79,482.57	(196.9)

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

PALATINE ROAD TIF FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
18-100-3000	REAL ESTATE TAXES	.00	9,829.80	150,000.00	140,170.20	6.6
18-100-3800	INTEREST INCOME	43.99	389.74	100.00	(289.74)	389.7
	TOTAL REVENUES	43.99	10,219.54	150,100.00	139,880.46	6.8
	TOTAL FUND REVENUE	43.99	10,219.54	150,100.00	139,880.46	6.8

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

PALATINE ROAD TIF FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>EXPENSES</u>					
18-300-5100	PROFESSIONAL SERVICES	.00	3,917.00	.00	(3,917.00)	.0
18-300-5101	AUDIT	.00	2,396.00	1,500.00	(896.00)	159.7
	TOTAL EXPENSES	.00	6,313.00	1,500.00	(4,813.00)	420.9
	<u>CAPITAL OUTLAY</u>					
18-500-7011	BUILDING IMPROVEMENTS	.00	.00	288,625.00	288,625.00	.0
	TOTAL CAPITAL OUTLAY	.00	.00	288,625.00	288,625.00	.0
	TOTAL FUND EXPENDITURES	.00	6,313.00	290,125.00	283,812.00	2.2
	NET REVENUE OVER EXPENDITURES	43.99	3,906.54	(140,025.00)	(143,931.54)	2.8

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

SSA #1

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
21-100-3000	REAL ESTATE TAXES	.00	97.68	.00	(97.68)	.0
21-100-3800	INTEREST INCOME	8.13	72.26	.00	(72.26)	.0
	TOTAL REVENUES	8.13	169.94	.00	(169.94)	.0
	TOTAL FUND REVENUE	8.13	169.94	.00	(169.94)	.0
	NET REVENUE OVER EXPENDITURES	8.13	169.94	.00	(169.94)	.0

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

SSA #2

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
22-100-3800	INTEREST INCOME	22.57	202.67	.00	(202.67)	.0
	TOTAL REVENUES	22.57	202.67	.00	(202.67)	.0
	TOTAL FUND REVENUE	22.57	202.67	.00	(202.67)	.0

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

SSA #2

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>EXPENSES</u>					
22-300-5100 PROFESSIONAL SERVICES	.00	.00	38,153.00	38,153.00	.0
TOTAL EXPENSES	.00	.00	38,153.00	38,153.00	.0
TOTAL FUND EXPENDITURES	.00	.00	38,153.00	38,153.00	.0
NET REVENUE OVER EXPENDITURES	22.57	202.67	(38,153.00)	(38,355.67)	.5

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

SSA #3

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
23-100-3000	REAL ESTATE TAXES	.00	109.37	.00	(109.37)	.0
23-100-3800	INTEREST INCOME	128.79	1,147.89	.00	(1,147.89)	.0
	TOTAL REVENUES	128.79	1,257.26	.00	(1,257.26)	.0
	TOTAL FUND REVENUE	128.79	1,257.26	.00	(1,257.26)	.0

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

SSA #3

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>EXPENSES</u>					
23-300-5100 PROFESSIONAL SERVICES	.00	.00	328,265.00	328,265.00	.0
TOTAL EXPENSES	.00	.00	328,265.00	328,265.00	.0
TOTAL FUND EXPENDITURES	.00	.00	328,265.00	328,265.00	.0
NET REVENUE OVER EXPENDITURES	128.79	1,257.26	(328,265.00)	(329,522.26)	.4

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

SSA #4

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
24-100-3800	INTEREST INCOME	18.80	169.38	.00	(169.38)	.0
	TOTAL REVENUES	18.80	169.38	.00	(169.38)	.0
	TOTAL FUND REVENUE	18.80	169.38	.00	(169.38)	.0

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

SSA #4

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>EXPENSES</u>					
24-300-5100 PROFESSIONAL SERVICES	.00	.00	36,719.00	36,719.00	.0
TOTAL EXPENSES	.00	.00	36,719.00	36,719.00	.0
TOTAL FUND EXPENDITURES	.00	.00	36,719.00	36,719.00	.0
NET REVENUE OVER EXPENDITURES	18.80	169.38	(36,719.00)	(36,888.38)	.5

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

SSA #5

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
25-100-3000	REAL ESTATE TAXES	.00	1,255.67	25,000.00	23,744.33	5.0
25-100-3800	INTEREST INCOME	43.18	401.04	275.00	(126.04)	145.8
	TOTAL REVENUES	43.18	1,656.71	25,275.00	23,618.29	6.6
	TOTAL FUND REVENUE	43.18	1,656.71	25,275.00	23,618.29	6.6

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

SSA #5

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>EXPENSES</u>					
25-300-5050	SYSTEM MAINTENANCE	.00	2,517.81	9,000.00	6,482.19	28.0
25-300-5100	PROFESSIONAL SERVICES	.00	570.00	25,000.00	24,430.00	2.3
25-300-5500	LIABILITY INSURANCE	.00	1,191.36	.00	(1,191.36)	.0
	TOTAL EXPENSES	.00	4,279.17	34,000.00	29,720.83	12.6
	TOTAL FUND EXPENDITURES	.00	4,279.17	34,000.00	29,720.83	12.6
	NET REVENUE OVER EXPENDITURES	43.18	(2,622.46)	(8,725.00)	(6,102.54)	(30.1)

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

SSA #8

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
28-100-3000	REAL ESTATE TAXES	318.68	13,427.53	125,161.00	111,733.47	10.7
28-100-3800	INTEREST INCOME	93.30	1,049.45	750.00	(299.45)	139.9
	TOTAL REVENUES	411.98	14,476.98	125,911.00	111,434.02	11.5
	TOTAL FUND REVENUE	411.98	14,476.98	125,911.00	111,434.02	11.5

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

SSA #8

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>EXPENSES</u>						
28-300-5100	PROFESSIONAL SERVICES	.00	635.54	23,000.00	22,364.46	2.8
28-300-5500	LIABILITY INSURANCE	.00	1,783.93	.00	(1,783.93)	.0
28-300-7020	EQUIPMENT	.00	327.63	.00	(327.63)	.0
	TOTAL EXPENSES	.00	2,747.10	23,000.00	20,252.90	11.9
<u>DEPARTMENT 400</u>						
28-400-6000	PRINCIPAL	.00	.00	100,000.00	100,000.00	.0
28-400-6010	INTEREST	.00	.00	2,000.00	2,000.00	.0
	TOTAL DEPARTMENT 400	.00	.00	102,000.00	102,000.00	.0
	TOTAL FUND EXPENDITURES	.00	2,747.10	125,000.00	122,252.90	2.2
	NET REVENUE OVER EXPENDITURES	411.98	11,729.88	911.00	(10,818.88)	1287.6

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

CAPITAL IMPROVEMENTS

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
30-200-3990	INTERFUND TRANSFER IN	.00	300,000.00	.00	(300,000.00)	.0
	TOTAL DEPARTMENT 200	.00	300,000.00	.00	(300,000.00)	.0
	TOTAL FUND REVENUE	.00	300,000.00	.00	(300,000.00)	.0

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

CAPITAL IMPROVEMENTS

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
30-550-7020 EQUIPMENT - PW	.00	21,762.00	103,000.00	81,238.00	21.1
30-550-7021 EQUIPMENT - INFO TECH	.00	.00	43,750.00	43,750.00	.0
30-550-7040 VEHICLES - PS	.00	36,960.25	64,000.00	27,039.75	57.8
30-550-7048 STREETS - TOURISM - APPLE DR	.00	64,545.58	.00	(64,545.58)	.0
30-550-7049 STREETS - TOURISM - WINKELMAN	.00	88,723.83	.00	(88,723.83)	.0
30-550-7050 STREET RESURFACING	1,587.00	864,681.64	1,731,720.00	867,038.36	49.9
30-550-7051 ROAD PROGRAM - 2018	3,528.00	77,688.10	.00	(77,688.10)	.0
30-550-7060 SIDEWALKS	20,309.50	64,062.46	79,279.00	15,216.54	80.8
30-550-7063 DRAINAGE IMPROVEMENTS	2,835.00	7,523.00	232,000.00	224,477.00	3.2
30-550-7064 DRAINAGE IMPR - WILLOW RD	15,673.60	20,878.60	.00	(20,878.60)	.0
TOTAL DEPARTMENT 550	43,933.10	1,246,825.46	2,253,749.00	1,006,923.54	55.3
TOTAL FUND EXPENDITURES	43,933.10	1,246,825.46	2,253,749.00	1,006,923.54	55.3
NET REVENUE OVER EXPENDITURES	(43,933.10)	(946,825.46)	(2,253,749.00)	(1,306,923.54)	(42.0)

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

ROAD CONSTRUCTION DEBT

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
41-100-3000	REAL ESTATE TAXES	2,722.76	612,123.94	1,298,705.00	686,581.06	47.1
41-100-3800	INTEREST INCOME	506.52	4,646.81	2,500.00	(2,146.81)	185.9
	TOTAL REVENUES	3,229.28	616,770.75	1,301,205.00	684,434.25	47.4
	TOTAL FUND REVENUE	3,229.28	616,770.75	1,301,205.00	684,434.25	47.4

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

ROAD CONSTRUCTION DEBT

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>EXPENSES</u>					
41-300-5101	AUDIT	.00	1,497.50	1,500.00	2.50	99.8
41-300-5430	BANK FEES	.00	1,000.00	850.00	(150.00)	117.7
	TOTAL EXPENSES	.00	2,497.50	2,350.00	(147.50)	106.3
	<u>DEBT SERVICE</u>					
41-400-6000	PRINCIPAL	.00	1,020,000.00	1,020,000.00	.00	100.0
41-400-6010	INTEREST	.00	278,785.00	278,785.00	.00	100.0
	TOTAL DEBT SERVICE	.00	1,298,785.00	1,298,785.00	.00	100.0
	TOTAL FUND EXPENDITURES	.00	1,301,282.50	1,301,135.00	(147.50)	100.0
	NET REVENUE OVER EXPENDITURES	3,229.28	(684,511.75)	70.00	684,581.75	(97787

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

SSA #6 DEBT

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
46-100-3000	REAL ESTATE TAXES	760.59	107,214.62	237,142.00	129,927.38	45.2
46-100-3800	INTEREST INCOME	93.56	625.97	500.00	(125.97)	125.2
	TOTAL REVENUES	854.15	107,840.59	237,642.00	129,801.41	45.4
	<u>DEPARTMENT 160</u>					
46-160-3899	MISC OTHER INCOME	.00	5,834.71	.00	(5,834.71)	.0
	TOTAL DEPARTMENT 160	.00	5,834.71	.00	(5,834.71)	.0
	TOTAL FUND REVENUE	854.15	113,675.30	237,642.00	123,966.70	47.8

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

SSA #6 DEBT

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>DEBT SERVICE</u>					
46-400-6000	PRINCIPAL	.00	125,000.00	125,000.00	.00	100.0
46-400-6010	INTEREST	.00	112,142.50	112,142.00	(.50)	100.0
	TOTAL DEBT SERVICE	.00	237,142.50	237,142.00	(.50)	100.0
	TOTAL FUND EXPENDITURES	.00	237,142.50	237,142.00	(.50)	100.0
	NET REVENUE OVER EXPENDITURES	854.15	(123,467.20)	500.00	123,967.20	(24693

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

WATER FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
51-100-3800	INTEREST INCOME	3,474.54	26,554.31	7,500.00	(19,054.31)	354.1
51-100-3880	WATER SALES	20,656.23	221,537.59	257,000.00	35,462.41	86.2
51-100-3881	WATER DELIVERY CHARGE	31,112.69	273,956.94	370,000.00	96,043.06	74.0
51-100-3882	WATER INFRASTRUCTURE RESERVE	12,605.53	113,231.19	150,000.00	36,768.81	75.5
51-100-3883	WATER DEBT RETIREMENT CHARGE	6,396.18	58,042.89	75,000.00	16,957.11	77.4
51-100-3885	PENALTY	271.94	1,929.35	2,500.00	570.65	77.2
	TOTAL REVENUES	74,517.11	695,252.27	862,000.00	166,747.73	80.7
	TOTAL FUND REVENUE	74,517.11	695,252.27	862,000.00	166,747.73	80.7

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

WATER FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>EXPENSES</u>					
51-300-4000 WAGES	5,574.80	51,710.78	73,200.00	21,489.22	70.6
51-300-4010 OVERTIME	.00	947.11	5,000.00	4,052.89	18.9
51-300-4100 HEALTH INSURANCE	2,076.50	30,177.00	26,800.00	(3,377.00)	112.6
51-300-4110 LIFE INSURANCE	20.62	92.58	150.00	57.42	61.7
51-300-4200 SOCIAL SECURITY	345.64	3,263.34	5,200.00	1,936.66	62.8
51-300-4210 MEDICARE	80.84	763.25	1,250.00	486.75	61.1
51-300-4220 IMRF	723.64	6,115.47	10,600.00	4,484.53	57.7
51-300-5000 BUILDING MAINTENANCE	.00	.00	4,000.00	4,000.00	.0
51-300-5050 SYSTEM MAINTENANCE	.00	17,199.10	56,000.00	38,800.90	30.7
51-300-5100 PROFESSIONAL SERVICES	3,018.28	19,899.47	25,000.00	5,100.53	79.6
51-300-5101 AUDIT	2,475.00	21,817.50	34,500.00	12,682.50	63.2
51-300-5200 POSTAGE	.00	1,898.15	3,100.00	1,201.85	61.2
51-300-5221 PRINTING	480.00	569.42	900.00	330.58	63.3
51-300-5222 LEGAL NOTICES	.00	.00	1,500.00	1,500.00	.0
51-300-5310 MEMBERSHIPS	340.00	1,572.00	1,500.00	(72.00)	104.8
51-300-5330 TRAINING	.00	.00	5,000.00	5,000.00	.0
51-300-5410 UTILITIES	1,800.76	9,562.29	15,000.00	5,437.71	63.8
51-300-5412 WATER	1,147.33	161,922.90	235,000.00	73,077.10	68.9
51-300-5430 CREDIT CARD & BANK CHARGES	.00	6,596.96	7,500.00	903.04	88.0
51-300-5500 LIABILITY INSURANCE	.00	39,921.79	27,600.00	(12,321.79)	144.6
51-300-5530 WORKERS COMPENSATION INSURANCE	217.41	2,570.34	2,900.00	329.66	88.6
51-300-5634 STONE AND CONCRETE	.00	.00	4,000.00	4,000.00	.0
51-300-5661 METERS	.00	3,269.00	2,800.00	(469.00)	116.8
51-300-5710 OPERATING SUPPLIES	.00	1,075.29	10,000.00	8,924.71	10.8
51-300-5750 CHEMICALS	.00	.00	2,000.00	2,000.00	.0
51-300-5751 GASOLINE	.00	.00	2,000.00	2,000.00	.0
51-300-5970 REFUNDS	.00	4.10	.00	(4.10)	.0
TOTAL EXPENSES	18,300.82	380,947.84	562,500.00	181,552.16	67.7
<u>DEBT SERVICE</u>					
51-400-6000 PRINCIPAL	.00	55,000.00	55,000.00	.00	100.0
51-400-6010 INTEREST	.00	21,110.00	21,110.00	.00	100.0
TOTAL DEBT SERVICE	.00	76,110.00	76,110.00	.00	100.0
<u>CAPITAL OUTLAY GENERAL</u>					
51-500-7020 EQUIPMENT	.00	99,495.00	106,000.00	6,505.00	93.9
TOTAL CAPITAL OUTLAY GENERAL	.00	99,495.00	106,000.00	6,505.00	93.9

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

WATER FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>OTHER FINANCING USES</u>					
51-600-8000	DEPRECIATION	33,750.00	101,250.00	135,000.00	33,750.00	75.0
	TOTAL OTHER FINANCING USES	33,750.00	101,250.00	135,000.00	33,750.00	75.0
	TOTAL FUND EXPENDITURES	52,050.82	657,802.84	879,610.00	221,807.16	74.8
	NET REVENUE OVER EXPENDITURES	22,466.29	37,449.43	(17,610.00)	(55,059.43)	212.7

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

PARKING FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>REVENUES</u>					
52-100-3330 PARKING FEES	3,972.16	47,339.22	64,000.00	16,660.78	74.0
TOTAL REVENUES	3,972.16	47,339.22	64,000.00	16,660.78	74.0
TOTAL FUND REVENUE	3,972.16	47,339.22	64,000.00	16,660.78	74.0

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

PARKING FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>EXPENSES</u>					
52-300-4001 ALLOCATED WAGES & BENEFITS	8,250.00	32,250.00	45,000.00	12,750.00	71.7
52-300-5100 PROFESSIONAL SERVICES	.00	150.00	10,200.00	10,050.00	1.5
52-300-5410 UTILITIES	150.65	3,951.36	9,500.00	5,548.64	41.6
52-300-5500 LIABILITY INSURANCE	.00	.00	5,300.00	5,300.00	.0
52-300-5511 FACILITY RENT	.00	39,010.50	21,000.00	(18,010.50)	185.8
52-300-5632 ICE CONTROL MAINTENANCE	.00	400.85	1,200.00	799.15	33.4
52-300-5710 OPERATING SUPPLIES	.00	.00	2,000.00	2,000.00	.0
52-300-5970 REFUNDS	.00	.00	250.00	250.00	.0
TOTAL EXPENSES	8,400.65	75,762.71	94,450.00	18,687.29	80.2
<u>OTHER FINANCING USES</u>					
52-600-8000 DEPRECIATION	8,000.00	24,000.00	32,000.00	8,000.00	75.0
TOTAL OTHER FINANCING USES	8,000.00	24,000.00	32,000.00	8,000.00	75.0
TOTAL FUND EXPENDITURES	16,400.65	99,762.71	126,450.00	26,687.29	78.9
NET REVENUE OVER EXPENDITURES	(12,428.49)	(52,423.49)	(62,450.00)	(10,026.51)	(83.9)

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

SANITARY SEWER FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
53-100-3884	SANITARY SEWER CHARGES	206,128.00	619,068.77	672,000.00	52,931.23	92.1
53-100-3885	PENALTY	2,511.63	7,644.16	.00	(7,644.16)	.0
	TOTAL REVENUES	208,639.63	626,712.93	672,000.00	45,287.07	93.3
	TOTAL FUND REVENUE	208,639.63	626,712.93	672,000.00	45,287.07	93.3

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

SANITARY SEWER FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>EXPENSES</u>					
53-300-4000 WAGES	982.80	9,019.52	62,800.00	53,780.48	14.4
53-300-4100 HEALTH INSURANCE	.00	.00	7,500.00	7,500.00	.0
53-300-4110 LIFE INSURANCE	.00	.00	125.00	125.00	.0
53-300-4200 SOCIAL SECURITY	60.94	557.78	3,900.00	3,342.22	14.3
53-300-4210 MEDICARE	14.26	130.52	950.00	819.48	13.7
53-300-4220 IMRF	121.48	1,031.67	8,000.00	6,968.33	12.9
53-300-5050 SYSTEM MAINTENANCE	.00	3,819.77	72,000.00	68,180.23	5.3
53-300-5100 PROFESSIONAL SERVICES	1,394.80	26,571.27	57,000.00	30,428.73	46.6
53-300-5101 AUDIT & ACCTG SERVICES	2,475.00	20,320.00	33,000.00	12,680.00	61.6
53-300-5200 POSTAGE	.00	892.50	4,500.00	3,607.50	19.8
53-300-5221 PRINTING	.00	.00	1,500.00	1,500.00	.0
53-300-5330 TRAINING	.00	.00	6,000.00	6,000.00	.0
53-300-5500 LIABILITY INSURANCE	.00	9,081.20	.00	(9,081.20)	.0
53-300-5530 WORKER'S COMP INSURANCE	54.35	1,398.47	1,000.00	(398.47)	139.9
TOTAL EXPENSES	5,103.63	72,822.70	258,275.00	185,452.30	28.2
<u>CAPITAL OUTLAY GENERAL</u>					
53-500-7051 SYSTEM IMPROVEMENTS	59,320.51	113,886.31	192,500.00	78,613.69	59.2
TOTAL CAPITAL OUTLAY GENERAL	59,320.51	113,886.31	192,500.00	78,613.69	59.2
TOTAL FUND EXPENDITURES	64,424.14	186,709.01	450,775.00	264,065.99	41.4
NET REVENUE OVER EXPENDITURES	144,215.49	440,003.92	221,225.00	(218,778.92)	198.9

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

POLICE PENSION

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
71-100-3000	REAL ESTATE TAXES	680.93	164,527.86	350,000.00	185,472.14	47.0
71-100-3800	INTEREST INCOME	196.18	84,001.61	75,000.00	(9,001.61)	112.0
71-100-3801	NET APPRECIATION - FV INV	.00	453,801.50	.00	(453,801.50)	.0
71-100-3860	CITY CONTRIBUTION	.00	.00	447,149.00	447,149.00	.0
71-100-3861	EMPLOYEE CONTRIBUTION	16.06	136,890.99	210,000.00	73,109.01	65.2
	TOTAL REVENUES	893.17	839,221.96	1,082,149.00	242,927.04	77.6
	TOTAL FUND REVENUE	893.17	839,221.96	1,082,149.00	242,927.04	77.6

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

POLICE PENSION

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
EXPENSES						
71-300-4232	DISABILITY BENEFITS	10,981.60	98,834.40	135,000.00	36,165.60	73.2
71-300-4233	PENSION PAYMENTS	70,801.65	598,536.96	610,000.00	11,463.04	98.1
71-300-5100	PROFESSIONAL SERVICES	4,155.00	25,243.64	25,000.00	(243.64)	101.0
71-300-5101	AUDIT & FINANCE	.00	.00	2,500.00	2,500.00	.0
71-300-5107	INVESTMENT EXPENSE	.00	(24,596.93)	32,000.00	56,596.93	(76.9)
71-300-5331	CONFERENCES	.00	.00	1,500.00	1,500.00	.0
71-300-5440	STATE FILING FEE	.00	.00	2,500.00	2,500.00	.0
TOTAL EXPENSES		85,938.25	698,018.07	808,500.00	110,481.93	86.3
TOTAL FUND EXPENDITURES		85,938.25	698,018.07	808,500.00	110,481.93	86.3
NET REVENUE OVER EXPENDITURES		(85,045.08)	141,203.89	273,649.00	132,445.11	51.6

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

ROAD & BUILDING BOND ESCROW

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
72-100-3899	MISCELLANEOUS INCOME	99.23	684.44	.00	(684.44)	.0
	TOTAL DEPARTMENT 100	99.23	684.44	.00	(684.44)	.0
	TOTAL FUND REVENUE	99.23	684.44	.00	(684.44)	.0

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

ROAD & BUILDING BOND ESCROW

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
72-300-5430 BANK CHARGES	.00	4.50	.00	(4.50)	.0
TOTAL DEPARTMENT 300	.00	4.50	.00	(4.50)	.0
TOTAL FUND EXPENDITURES	.00	4.50	.00	(4.50)	.0
NET REVENUE OVER EXPENDITURES	99.23	679.94	.00	(679.94)	.0

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 7 MONTHS ENDING NOVEMBER 30, 2018

GENERAL FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
<u>LOCAL TAXES</u>					
01-105-3000 REAL ESTATE TAXES	552.39	160,308.77	350,000.00	189,691.23	45.8
01-105-3005 USE TAX	36,160.99	253,842.24	427,533.00	173,690.76	59.4
01-105-3006 NON-HOME RULE SALES TAX	27,064.57	187,635.46	302,627.00	114,991.54	62.0
01-105-3010 UTILITY - ELECTRIC	27,617.03	229,194.96	389,000.00	159,805.04	58.9
01-105-3011 UTILITY - NATURAL GAS	10,453.98	65,911.80	160,200.00	94,288.20	41.1
01-105-3012 UTILITY- TELEPHONE	20,130.57	166,497.63	361,500.00	195,002.37	46.1
01-105-3030 ROAD & BRIDGE TAXES	.00	12,780.31	36,346.00	23,565.69	35.2
01-105-3040 RENTAL CAR TAXES	1,840.08	10,661.00	18,274.00	7,613.00	58.3
01-105-3050 PLACES FOR EATING TAX	25,792.56	213,936.90	335,000.00	121,063.10	63.9
01-105-3060 HANDLE TAX - OTB	12,703.00	85,126.24	155,000.00	69,873.76	54.9
01-105-3065 VIDEO GAMING TAX	23,316.04	138,131.72	230,000.00	91,868.28	60.1
01-105-3070 AMUSEMENT TAX	86.00	241.00	5,750.00	5,509.00	4.2
TOTAL LOCAL TAXES	185,717.21	1,524,268.03	2,771,230.00	1,246,961.97	55.0
<u>INTERGOVERNMENTAL REVENUES</u>					
01-110-3100 INCOME TAXES	111,677.70	933,938.30	1,427,547.92	493,609.62	65.4
01-110-3101 PERSONAL PROPERTY REPLACE TAX	.00	2,505.21	5,228.00	2,722.79	47.9
01-110-3110 SALES TAXES	97,808.54	666,146.43	1,001,279.00	335,132.57	66.5
01-110-3111 GLENVIEW SHARED REVENUE	.00	20,258.91	57,500.00	37,241.09	35.2
01-110-3113 AIRPORT SHARING REVENUE	46,047.16	46,047.16	.00	(46,047.16)	.0
TOTAL INTERGOVERNMENTAL REVENUES	255,533.40	1,668,896.01	2,491,554.92	822,658.91	67.0
<u>GRANTS REVENUE</u>					
01-115-3213 GRANT - STEP	2,181.55	17,289.39	9,676.00	(7,613.39)	178.7
01-115-3246 GRANT-POLICE EQUIPMENT	.00	1,027.08	13,500.00	12,472.92	7.6
01-115-3247 GRANT - POLICE TOBACCO	.00	1,760.00	3,000.00	1,240.00	58.7
TOTAL GRANTS REVENUE	2,181.55	20,076.47	26,176.00	6,099.53	76.7
<u>LICENSES & FEES</u>					
01-120-3300 VEHICLE STICKERS	3,181.50	44,306.00	663,429.57	619,123.57	6.7
01-120-3310 VEH. STICKERS SENIORS	48.00	1,633.00	50,669.67	49,036.67	3.2
01-120-3320 VEH. STICKERS LATE FEES	2,428.00	28,042.00	40,000.00	11,958.00	70.1
01-120-3321 VEH. STICKERS TRANSFERS	396.00	1,908.00	3,000.00	1,092.00	63.6
01-120-3342 LICENSES - ANIMALS	108.00	1,091.00	12,500.00	11,409.00	8.7
01-120-3343 LICENSES - LIQUOR	.00	1,600.00	85,000.00	83,400.00	1.9
01-120-3344 LICENSES - BUSINESS	.00	9,445.00	60,000.00	50,555.00	15.7
01-120-3346 LICENSES - CONTRACTORS	3,900.00	29,000.00	30,000.00	1,000.00	96.7
01-120-3348 LICENSE - AGREEMENTS	2,918.27	12,122.38	11,000.00	(1,122.38)	110.2
TOTAL LICENSES & FEES	12,979.77	129,147.38	955,599.24	826,451.86	13.5

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 7 MONTHS ENDING NOVEMBER 30, 2018

GENERAL FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
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FRANCHISE FEES

01-125-3350 CABLE FRANCHISE FEES	41,680.06	100,792.66	225,000.00	124,207.34	44.8
01-125-3351 CABLE FRANCHISE - PEG FEES	2,841.69	10,157.14	.00	(10,157.14)	.0
01-125-3355 SOLID WASTE FRANCHISE FEES	8,975.03	40,017.46	95,000.00	54,982.54	42.1
01-125-3360 NATURAL GAS FRANCHISE FEES	.00	.00	24,500.00	24,500.00	.0
 TOTAL FRANCHISE FEES	 53,496.78	 150,967.26	 344,500.00	 193,532.74	 43.8

BUILDING & ZONING FEES

01-130-3400 BUILDING PERMITS	12,899.60	203,317.57	175,000.00	(28,317.57)	116.2
01-130-3402 PUBLIC HEARING FEES	.00	3,560.40	2,500.00	(1,060.40)	142.4
01-130-3403 ELEVATOR INSPECTION FEE	.00	950.00	5,100.00	4,150.00	18.6
01-130-3404 CERT. OF OCC. INSPECTION FEES	75.00	1,325.00	750.00	(575.00)	176.7
01-130-3405 HEALTH INSPECTION FEE	.00	357.50	500.00	142.50	71.5
01-130-3406 COMMERCIAL INSPECTION FEE	.00	1,929.00	8,250.00	6,321.00	23.4
01-130-3407 ENGINEERING PERMIT FEES	167.20	11,359.40	5,000.00	(6,359.40)	227.2
01-130-3408 VACANT FORECLOSURE REGIS	2,700.00	7,970.00	13,400.00	5,430.00	59.5
01-130-3410 BUILDING RE-INSP. FEE	.00	505.00	500.00	(5.00)	101.0
01-130-3411 RENTAL INSPECTION FEE	250.00	21,250.00	220,000.00	198,750.00	9.7
 TOTAL BUILDING & ZONING FEES	 16,091.80	 252,523.87	 431,000.00	 178,476.13	 58.6

PUBLIC SAFETY FINES & FEES

01-140-3500 TRAFFIC FINES	24,259.42	105,464.96	300,000.00	194,535.04	35.2
01-140-3505 ORDINANCE & PARKING FINES	15,363.11	229,370.59	250,000.00	20,629.41	91.8
01-140-3515 VEHICLE SEIZURE FEE	2,000.00	26,500.00	60,000.00	33,500.00	44.2
01-140-3520 DUI ASSESSMENTS	.00	5,106.35	8,000.00	2,893.65	63.8
01-140-3525 POLICE ALARM LICENSES & FEES	140.00	1,755.00	11,000.00	9,245.00	16.0
 TOTAL PUBLIC SAFETY FINES & FEES	 41,762.53	 368,196.90	 629,000.00	 260,803.10	 58.5

PUBLIC SAFETY SPECIAL REVENUE

01-145-3550 POLICE REVENUE-NARCOTICS	6,817.06	6,817.06	15,000.00	8,182.94	45.5
01-145-3551 POLICE REVENUE-TASK FORCE	.00	.00	16,000.00	16,000.00	.0
01-145-3552 POLICE REV-ABANDENED PROP EVID	.00	.00	200.00	200.00	.0
01-145-3553 POLICE REVENUE-SPECIAL DETAILS	3,200.00	35,700.94	13,000.00	(22,700.94)	274.6
01-145-3554 POLICE REVENUE - GAMING TAX	5,978.41	11,566.11	1,500.00	(10,066.11)	771.1
01-145-3555 POLICE REVENUE - SEIZED ASSETS	318.51	449.51	.00	(449.51)	.0
01-145-3745 PUBLIC SAFETY REIMBURSABLE FEE	.00	991.44	13,000.00	12,008.56	7.6
 TOTAL PUBLIC SAFETY SPECIAL REVENUE	 16,313.98	 55,525.06	 58,700.00	 3,174.94	 94.6

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 7 MONTHS ENDING NOVEMBER 30, 2018

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
	<u>INTERFUND SERVICE CHARGES</u>					
01-150-3613	CVB/TOURISM SERVICE CHARGE	5,833.33	40,833.31	70,000.00	29,166.69	58.3
01-150-3617	SOLID WASTE SERVICE CHARGE	10,250.00	71,750.00	123,000.00	51,250.00	58.3
	TOTAL INTERFUND SERVICE CHARGES	16,083.33	112,583.31	193,000.00	80,416.69	58.3
	<u>REIMBURSABLE INCOME</u>					
01-155-3700	EMPLOYEE SALARY REIMBURSEMENT	4,443.94	23,953.98	35,000.00	11,046.02	68.4
01-155-3702	EMPLOYEE INS. REIMBURSEMENT	3,734.98	30,316.78	52,260.00	21,943.22	58.0
01-155-3703	RETIREE HEALTH INS REIMBURSE	3,290.00	25,425.00	80,039.00	54,614.00	31.8
01-155-3720	FIRE DISTRICT GAS REIMB.	.00	2,104.13	6,600.00	4,495.87	31.9
01-155-3730	INSURANCE REIMBURSEMENTS	(1,404.50)	(249.99)	140,000.00	140,249.99	(.2)
01-155-3741	BUILDING & ENG DEPT REIMB FEES	264.66	1,074.68	500.00	(574.68)	214.9
	TOTAL REIMBURSABLE INCOME	10,329.08	82,624.58	314,399.00	231,774.42	26.3
	<u>OTHER REVENUES</u>					
01-160-3800	INTEREST INCOME	18,690.42	115,516.44	32,500.00	(83,016.44)	355.4
01-160-3801	INTEREST INCOME - DEBT	.00	.00	5,750.00	5,750.00	.0
01-160-3810	NEWSLETTER ADVERTISING	.00	800.00	2,000.00	1,200.00	40.0
01-160-3811	BUS SHELTERS AD REVENUE	.00	.00	3,000.00	3,000.00	.0
01-160-3815	SPONSORSHIP & CONTRIBUTIONS	525.00	7,435.00	7,000.00	(435.00)	106.2
01-160-3820	SALE OF CITY PROPERTY	.00	.00	7,500.00	7,500.00	.0
01-160-3830	GASOLINE REBATE	.00	1,647.97	.00	(1,647.97)	.0
01-160-3840	AIRPORT MEETING FEES	.00	5.00	.00	(5.00)	.0
01-160-3899	MISCELLANEOUS INCOME	2,220.62	8,202.86	15,000.00	6,797.14	54.7
	TOTAL OTHER REVENUES	21,436.04	133,607.27	72,750.00	(60,857.27)	183.7
	<u>OTHER FINANCING SOURCES</u>					
01-200-3990	INTERFUND TRANSFER IN	.00	144,325.00	288,651.00	144,326.00	50.0
	TOTAL OTHER FINANCING SOURCES	.00	144,325.00	288,651.00	144,326.00	50.0
	TOTAL FUND REVENUE	631,925.47	4,642,741.14	8,576,560.16	3,933,819.02	54.1

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 7 MONTHS ENDING NOVEMBER 30, 2018

GENERAL FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>CITY COUNCIL & BOARDS</u>					
01-310-4000 WAGES	2,250.00	15,750.00	27,000.00	11,250.00	58.3
01-310-4003 WAGES - PART TIME	.00	.00	4,500.00	4,500.00	.0
01-310-4200 SOCIAL SECURITY	139.50	976.50	1,960.00	983.50	49.8
01-310-4210 MEDICARE	32.66	228.62	460.00	231.38	49.7
01-310-5100 PROFESSIONAL SERVICES	.00	.00	1,500.00	1,500.00	.0
01-310-5300 ALDERMANIC EXPENSES	.00	749.42	4,300.00	3,550.58	17.4
01-310-5310 MEMBERSHIPS	.00	10,957.22	12,600.00	1,642.78	87.0
01-310-5330 TRAINING	.00	.00	400.00	400.00	.0
01-310-5610 EQUIP MAINTENANCE - NRC	.00	.00	250.00	250.00	.0
01-310-5650 LANDSCAPE SUPPLIES - NRC	.00	.00	1,050.00	1,050.00	.0
01-310-5950 SPECIAL EVENTS	500.00	21,939.78	22,000.00	60.22	99.7
01-310-7020 EQUIPMENT	159.99	1,967.96	14,890.00	12,922.04	13.2
TOTAL CITY COUNCIL & BOARDS	3,082.15	52,569.50	90,910.00	38,340.50	57.8

ADMINISTRATION

01-320-4000 WAGES	24,315.65	175,061.08	317,120.00	142,058.92	55.2
01-320-4003 WAGES - PART-TIME	3,106.82	26,889.42	29,770.00	2,880.58	90.3
01-320-4010 OVERTIME	.00	420.75	.00	(420.75)	.0
01-320-4100 HEALTH INSURANCE	1,539.50	9,418.50	24,230.00	14,811.50	38.9
01-320-4110 LIFE INSURANCE	22.69	112.82	250.00	137.18	45.1
01-320-4200 SOCIAL SECURITY	927.08	11,190.97	21,510.00	10,319.03	52.0
01-320-4210 MEDICARE	391.64	2,891.66	5,030.00	2,138.34	57.5
01-320-4220 IMRF	3,005.57	19,210.71	40,200.00	20,989.29	47.8
01-320-5100 PROFESSIONAL SERVICES	403.00	14,305.75	25,000.00	10,694.25	57.2
01-320-5105 PROFESSIONAL FEES - ENGR	.00	31,317.31	46,000.00	14,682.69	68.1
01-320-5106 PROFESSIONAL FEES - GOV IT SYS	.00	11,135.00	21,000.00	9,865.00	53.0
01-320-5107 PROFESSIONAL FEES - REIMB	.00	1,155.00	7,000.00	5,845.00	16.5
01-320-5130 COMPUTER CONSULTANT	3,630.00	22,636.00	60,000.00	37,364.00	37.7
01-320-5200 POSTAGE	30.36	2,238.72	14,000.00	11,761.28	16.0
01-320-5220 PHOTOCOPY	.00	10,363.26	19,000.00	8,636.74	54.5
01-320-5221 PRINTING	4,336.22	9,833.46	15,000.00	5,166.54	65.6
01-320-5222 LEGAL NOTICES	581.17	1,434.57	2,000.00	565.43	71.7
01-320-5230 WEBSITE	.00	6,895.14	6,500.00	(395.14)	106.1
01-320-5310 MEMBERSHIPS	.00	1,898.00	2,200.00	302.00	86.3
01-320-5330 TRAINING	.00	40.00	3,500.00	3,460.00	1.1
01-320-5410 UTILITIES	5,783.46	28,046.25	61,500.00	33,453.75	45.6
01-320-5430 CREDIT CARD & BANK CHARGES	125.95	2,590.70	11,000.00	8,409.30	23.6
01-320-5500 LIABILITY INSURANCE	.00	24,754.89	36,700.00	11,945.11	67.5
01-320-5501 INSURANCE DEDUCTIBLES	.00	.00	12,500.00	12,500.00	.0
01-320-5530 WORKERS COMPENSATION INSURANCE	255.40	2,412.90	3,400.00	987.10	71.0
01-320-5700 OFFICE SUPPLIES	606.84	3,946.17	12,000.00	8,053.83	32.9
01-320-5710 OPERATING SUPPLIES	.00	90.28	.00	(90.28)	.0
01-320-5751 GASOLINE	.00	.00	300.00	300.00	.0
01-320-7020 EQUIPMENT	.00	4,808.49	28,750.00	23,941.51	16.7
TOTAL ADMINISTRATION	49,061.35	425,097.80	825,460.00	400,362.20	51.5

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 7 MONTHS ENDING NOVEMBER 30, 2018

GENERAL FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
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FINANCE

01-322-5101 AUDIT & FINANCE FEES	17,958.00	82,578.00	185,000.00	102,422.00	44.6
01-322-5310 MEMBERSHIPS	.00	.00	850.00	850.00	.0
01-322-5540 PAYROLL SERVICE FEES	456.55	2,243.35	6,200.00	3,956.65	36.2
01-322-5541 ACCTG SERVICE FEES	.00	1,391.10	4,500.00	3,108.90	30.9
 TOTAL FINANCE	 18,414.55	 86,212.45	 196,550.00	 110,337.55	 43.9

LEGAL

01-324-5120 CITY ATTORNEY	39,240.73	157,406.36	120,000.00	(37,406.36)	131.2
01-324-5121 HOUSING ATTORNEY	.00	.00	13,200.00	13,200.00	.0
01-324-5122 CITY PROSECUTOR	.00	17,010.00	30,000.00	12,990.00	56.7
01-324-5123 LABOR ATTORNEY	1,828.50	7,348.50	50,000.00	42,651.50	14.7
01-324-5125 OUTSIDE COUNSEL	.00	.00	10,000.00	10,000.00	.0
 TOTAL LEGAL	 41,069.23	 181,764.86	 223,200.00	 41,435.14	 81.4

BUILDING DEPARTMENT

01-340-4000 WAGES	23,809.60	171,165.30	309,370.00	138,204.70	55.3
01-340-4100 HEALTH INSURANCE	4,840.00	29,463.00	55,660.00	26,197.00	52.9
01-340-4110 LIFE INSURANCE	32.85	196.97	400.00	203.03	49.2
01-340-4200 SOCIAL SECURITY	1,439.20	10,346.57	19,190.00	8,843.43	53.9
01-340-4210 MEDICARE	336.58	2,419.73	4,490.00	2,070.27	53.9
01-340-4220 IMRF	2,976.87	19,384.13	39,210.00	19,825.87	49.4
01-340-5100 PROFESSIONAL SERVICES	2,589.00	37,834.28	62,300.00	24,465.72	60.7
01-340-5111 BILLABLE ENGINEERING	.00	4,033.50	12,000.00	7,966.50	33.6
01-340-5221 PRINTING	.00	476.70	2,000.00	1,523.30	23.8
01-340-5222 LEGAL NOTICES	705.76	1,744.35	2,000.00	255.65	87.2
01-340-5310 MEMBERSHIPS	.00	365.00	920.00	555.00	39.7
01-340-5330 TRAINING	30.00	344.00	4,500.00	4,156.00	7.6
01-340-5500 LIABILITY INSURANCE	.00	339.00	1,000.00	661.00	33.9
01-340-5530 WORKERS COMPENSATION INSURANCE	295.52	2,582.00	3,900.00	1,318.00	66.2
01-340-5700 OFFICE SUPPLIES	1,175.81	1,715.58	3,500.00	1,784.42	49.0
01-340-5751 GASOLINE	.00	248.24	4,320.00	4,071.76	5.8
01-340-5820 PUBLICATIONS	.00	.00	2,000.00	2,000.00	.0
01-340-7020 EQUIPMENT	.00	496.64	9,600.00	9,103.36	5.2
 TOTAL BUILDING DEPARTMENT	 38,231.19	 283,154.99	 536,360.00	 253,205.01	 52.8

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 7 MONTHS ENDING NOVEMBER 30, 2018

GENERAL FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>PUBLIC WORKS</u>					
01-350-4000 WAGES	29,622.40	216,930.41	395,700.00	178,769.59	54.8
01-350-4001 ALLOCATED WAGES & BENEFITS	(2,250.00)	(15,750.00)	(45,000.00)	(29,250.00)	(35.0)
01-350-4003 WAGES - PART-TIME	.00	6,468.00	10,560.00	4,092.00	61.3
01-350-4010 OVERTIME	289.01	11,752.23	40,000.00	28,247.77	29.4
01-350-4100 HEALTH INSURANCE	10,262.00	67,774.00	115,500.00	47,726.00	58.7
01-350-4110 LIFE INSURANCE	41.25	247.50	500.00	252.50	49.5
01-350-4200 SOCIAL SECURITY	1,830.41	14,406.43	27,630.00	13,223.57	52.1
01-350-4210 MEDICARE	428.06	3,369.16	6,460.00	3,090.84	52.2
01-350-4220 IMRF	4,221.11	25,627.08	55,130.00	29,502.92	46.5
01-350-5000 BUILDING MAINTENANCE	.00	522.29	.00	(522.29)	.0
01-350-5020 VEHICLE MAINTENANCE	2,672.43	13,910.69	50,000.00	36,089.31	27.8
01-350-5031 SIGNAL MAINTENANCE	3,429.90	6,859.80	36,000.00	29,140.20	19.1
01-350-5100 PROFESSIONAL SERVICES	.00	4,543.34	15,000.00	10,456.66	30.3
01-350-5103 PROF SERVICES - FORESTRY	1,003.77	7,141.02	63,800.00	56,658.98	11.2
01-350-5104 PROF SERVICES - BUILDING MAIN	2,596.16	14,634.50	76,000.00	61,365.50	19.3
01-350-5106 PROF SERVICES - STREETS/DRAIN	.00	.00	75,000.00	75,000.00	.0
01-350-5310 MEMBERSHIPS	.00	47.40	4,500.00	4,452.60	1.1
01-350-5330 TRAINING	.00	228.00	4,500.00	4,272.00	5.1
01-350-5410 UTILITIES	.00	1,172.40	.00	(1,172.40)	.0
01-350-5411 WATER AND ELECTRIC PURCHASES	721.79	5,045.69	11,000.00	5,954.31	45.9
01-350-5421 DUMP CHARGES	.00	.00	4,000.00	4,000.00	.0
01-350-5441 LICENSES	.00	.00	500.00	500.00	.0
01-350-5500 LIABILITY INSURANCE PREMIUM	.00	26,165.00	49,100.00	22,935.00	53.3
01-350-5510 RENTAL EQUIPMENT	495.17	722.12	4,000.00	3,277.88	18.1
01-350-5530 WORKERS COMPENSATION INSURANCE	1,248.52	13,629.82	16,500.00	2,870.18	82.6
01-350-5610 EQUIPMENT MAINTENANCE	.00	1,551.93	5,000.00	3,448.07	31.0
01-350-5634 STONE & CONCRETE	.00	1,759.94	5,000.00	3,240.06	35.2
01-350-5635 STORM SEWER & PIPE	.00	813.86	10,000.00	9,186.14	8.1
01-350-5650 LANDSCAPE SUPPLIES	316.81	1,206.36	15,000.00	13,793.64	8.0
01-350-5700 OFFICE SUPPLIES	.00	300.78	1,500.00	1,199.22	20.1
01-350-5710 OPERATING SUPPLIES	396.86	6,199.68	30,000.00	23,800.32	20.7
01-350-5721 SIGNS	521.79	4,696.54	30,000.00	25,303.46	15.7
01-350-5730 TOOLS	.00	399.46	5,500.00	5,100.54	7.3
01-350-5751 GASOLINE	5,089.09	6,342.77	20,000.00	13,657.23	31.7
01-350-5820 PUBLICATIONS	.00	325.00	.00	(325.00)	.0
01-350-7011 IMPROVEMENTS - PW	.00	.00	27,000.00	27,000.00	.0
01-350-7020 EQUIPMENT	.00	5,928.00	7,500.00	1,572.00	79.0
01-350-7021 RADIO EQUIPMENT	.00	.00	600.00	600.00	.0
01-350-7023 SAFETY EQUIPMENT	155.07	1,531.52	5,000.00	3,468.48	30.6
01-350-7025 SOFTWARE	.00	.00	14,000.00	14,000.00	.0
TOTAL PUBLIC WORKS	63,091.60	456,502.72	1,192,480.00	735,977.28	38.3

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 7 MONTHS ENDING NOVEMBER 30, 2018

GENERAL FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
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PUBLIC SAFETY

01-360-4000 WAGES	41,898.41	300,887.46	575,470.00	274,582.54	52.3
01-360-4001 WAGES - SWORN OFFICERS	127,270.94	1,020,214.21	1,864,290.00	844,075.79	54.7
01-360-4002 WAGES - EXTRA STRAIGHT PAY	881.66	15,553.52	46,375.00	30,821.48	33.5
01-360-4004 WAGES - PART-TIME SWORN OFFCRS	7,160.50	59,137.68	122,500.00	63,362.32	48.3
01-360-4010 OVERTIME	.00	722.83	2,500.00	1,777.17	28.9
01-360-4011 OVERTIME - SWORN OFFICERS	6,966.08	83,638.43	140,000.00	56,361.57	59.7
01-360-4100 HEALTH INSURANCE	33,223.16	242,077.96	465,850.00	223,772.04	52.0
01-360-4110 LIFE INSURANCE	221.08	1,270.29	2,660.00	1,389.71	47.8
01-360-4120 UNEMPLOYMENT INSURANCE	.00	4,429.83	.00	(4,429.83)	.0
01-360-4200 SOCIAL SECURITY	1,732.84	12,702.06	25,725.00	13,022.94	49.4
01-360-4210 MEDICARE	2,601.41	20,935.25	39,465.00	18,529.75	53.1
01-360-4220 IMRF	1,830.77	10,997.34	28,690.00	17,692.66	38.3
01-360-4230 PENSION CONTRIBUTION - R/E TAX	552.39	160,308.77	350,000.00	189,691.23	45.8
01-360-4231 PENSION CONTRIBUTION-CITY GF	.00	.00	447,149.00	447,149.00	.0
01-360-5100 PROFESSIONAL SERVICES	929.47	7,672.95	23,700.00	16,027.05	32.4
01-360-5101 PROFESSIONAL FEES - VOCA	6,673.67	40,042.02	80,100.00	40,057.98	50.0
01-360-5140 PRISONERS CARE	173.44	477.51	2,500.00	2,022.49	19.1
01-360-5141 KENNEL FEES	155.52	1,132.76	4,000.00	2,867.24	28.3
01-360-5200 POSTAGE	.00	1,131.84	3,000.00	1,868.16	37.7
01-360-5221 PRINTING	.00	2,104.80	5,000.00	2,895.20	42.1
01-360-5240 NORTHWEST CENTRAL DISPATCH	21,554.59	172,437.14	260,811.00	88,373.86	66.1
01-360-5310 MEMBERSHIPS	1,900.00	43,948.00	50,100.00	6,152.00	87.7
01-360-5321 AUTO EXPENSE	96.00	970.95	2,500.00	1,529.05	38.8
01-360-5330 TRAINING	1,175.00	7,246.00	26,900.00	19,654.00	26.9
01-360-5340 TUITION REIMBURSEMENT	.00	.00	8,000.00	8,000.00	.0
01-360-5410 UTILITIES	455.80	2,272.31	.00	(2,272.31)	.0
01-360-5500 LIABILITY INSURANCE PREMIUM	.00	27,737.00	46,400.00	18,663.00	59.8
01-360-5510 RENTAL EQUIPMENT	.00	208.02	620.00	411.98	33.6
01-360-5520 ID NETWORKS	.00	13,247.00	25,000.00	11,753.00	53.0
01-360-5530 WORKERS COMPENSATION INSURANCE	8,459.93	55,939.52	111,600.00	55,660.48	50.1
01-360-5610 EQUIPMENT MAINTENANCE	1,913.85	10,370.52	16,500.00	6,129.48	62.9
01-360-5611 RADIO MAINTENANCE	.00	636.76	1,000.00	363.24	63.7
01-360-5700 OFFICE SUPPLIES	179.83	2,849.63	7,500.00	4,650.37	38.0
01-360-5710 OPERATING SUPPLIES	.00	2,996.38	11,200.00	8,203.62	26.8
01-360-5740 RANGE SUPPLIES	1,599.50	3,108.50	7,650.00	4,541.50	40.6
01-360-5741 CLOTHING	1,356.43	8,869.63	25,700.00	16,830.37	34.5
01-360-5751 GASOLINE	.00	27,455.77	50,000.00	22,544.23	54.9
01-360-5820 PUBLICATIONS	192.00	192.00	1,060.00	868.00	18.1
01-360-7022 POLICE TECH/SAFETY SUPPLIES	586.97	5,092.72	15,205.00	10,112.28	33.5
 TOTAL PUBLIC SAFETY	 271,741.24	 2,371,015.36	 4,896,720.00	 2,525,704.64	 48.4

PUBLIC SAFETY-SPECIAL ACCT EXP

01-365-5981 DUI EXPENSE	.00	1,974.33	20,000.00	18,025.67	9.9
01-365-5982 NARCOTICS EXPENSE	.00	700.00	.00	(700.00)	.0
01-365-5983 SEIZED ASSET - EXPENSE	.00	10,487.76	.00	(10,487.76)	.0
 TOTAL PUBLIC SAFETY-SPECIAL ACCT EXP	 .00	 13,162.09	 20,000.00	 6,837.91	 65.8

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 7 MONTHS ENDING NOVEMBER 30, 2018

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REIMBURSABLE EXP</u>					
01-370-4101	RETIREE HEALTH INSURANCE	4,935.00	24,269.00	80,039.00	55,770.00	30.3
01-370-5102	GRANT WRITER	.00	10,000.00	20,750.00	10,750.00	48.2
01-370-5751	GASOLINE	.00	6,601.43	6,000.00	(601.43)	110.0
	TOTAL REIMBURSABLE EXP	4,935.00	40,870.43	106,789.00	65,918.57	38.3
	<u>OTHER EXPENSES</u>					
01-380-5970	REFUNDS	.00	6.48	2,000.00	1,993.52	.3
01-380-5975	SALES TAX REBATE	41,798.96	68,285.71	168,000.00	99,714.29	40.7
01-380-5999	MISCELLANEOUS EXPENSE	.00	.00	1,500.00	1,500.00	.0
	TOTAL OTHER EXPENSES	41,798.96	68,292.19	171,500.00	103,207.81	39.8
	<u>GRANTS</u>					
01-390-5900	GRANT - GENERAL EXPENSE	.00	.00	1,500.00	1,500.00	.0
01-390-5947	GRANT-POLICE TOBACCO EXPENSE	.00	50.00	.00	(50.00)	.0
	TOTAL GRANTS	.00	50.00	1,500.00	1,450.00	3.3
	<u>DEBT SERVICE</u>					
01-400-6000	PRINCIPAL	.00	.00	145,000.00	145,000.00	.0
01-400-6010	INTEREST	.00	20,969.13	41,972.00	21,002.87	50.0
	TOTAL DEBT SERVICE	.00	20,969.13	186,972.00	166,002.87	11.2
	TOTAL FUND EXPENDITURES	531,425.27	3,999,661.52	8,448,441.00	4,448,779.48	47.3
	NET REVENUE OVER EXPENDITURES	100,500.20	643,079.62	128,119.16	(514,960.46)	501.9

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 7 MONTHS ENDING NOVEMBER 30, 2018

MOTOR FUEL TAX FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
11-100-3800	INTEREST INCOME	2,822.87	16,844.80	5,000.00	(11,844.80)	336.9
	TOTAL REVENUES	2,822.87	16,844.80	5,000.00	(11,844.80)	336.9
	<u>INTERGOVERNMENTAL REVENUES</u>					
11-110-3120	MOTOR FUEL TAX	38,945.82	243,888.63	415,000.00	171,111.37	58.8
	TOTAL INTERGOVERNMENTAL REVENUES	38,945.82	243,888.63	415,000.00	171,111.37	58.8
	TOTAL FUND REVENUE	41,768.69	260,733.43	420,000.00	159,266.57	62.1

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 7 MONTHS ENDING NOVEMBER 30, 2018

MOTOR FUEL TAX FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>EXPENSES</u>					
11-300-5632	ICE CONTROL MAINTENANCE	.00	.00	50,000.00	50,000.00	.0
	TOTAL EXPENSES	.00	.00	50,000.00	50,000.00	.0
	TOTAL FUND EXPENDITURES	.00	.00	50,000.00	50,000.00	.0
	NET REVENUE OVER EXPENDITURES	41,768.69	260,733.43	370,000.00	109,266.57	70.5

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 7 MONTHS ENDING NOVEMBER 30, 2018

PALATINE/MILWAUKEE TIF FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
12-100-3000	REAL ESTATE TAXES	3,104.01	515,868.94	670,000.00	154,131.06	77.0
12-100-3800	INTEREST INCOME	200.07	1,413.80	.00	(1,413.80)	.0
12-100-3899	MISCELLANEOUS INCOME	.00	64.37	.00	(64.37)	.0
	TOTAL REVENUES	3,304.08	517,347.11	670,000.00	152,652.89	77.2
	TOTAL FUND REVENUE	3,304.08	517,347.11	670,000.00	152,652.89	77.2

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 7 MONTHS ENDING NOVEMBER 30, 2018

PALATINE/MILWAUKEE TIF FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>EXPENSES</u>					
12-300-5100 PROFESSIONAL SERVICES	.00	3,310.00	.00	(3,310.00)	.0
12-300-5101 AUDIT	756.00	2,396.00	1,500.00	(896.00)	159.7
12-300-5430 BANK FEES	.00	.00	750.00	750.00	.0
TOTAL EXPENSES	756.00	5,706.00	2,250.00	(3,456.00)	253.6
TOTAL FUND EXPENDITURES	756.00	5,706.00	2,250.00	(3,456.00)	253.6
NET REVENUE OVER EXPENDITURES	2,548.08	511,641.11	667,750.00	156,108.89	76.6

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 7 MONTHS ENDING NOVEMBER 30, 2018

TOURISM DISTRICT

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
13-100-3020	HOTEL TAXES	84,430.58	583,898.35	845,000.00	261,101.65	69.1
13-100-3800	INTEREST INCOME	126.84	724.60	125.00	(599.60)	579.7
	TOTAL REVENUES	84,557.42	584,622.95	845,125.00	260,502.05	69.2
	TOTAL FUND REVENUE	84,557.42	584,622.95	845,125.00	260,502.05	69.2

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 7 MONTHS ENDING NOVEMBER 30, 2018

TOURISM DISTRICT

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>EXPENSES</u>					
13-300-5100	PROFESSIONAL SERVICES	.00	2,095.00	.00	(2,095.00)	.0
13-300-5101	AUDIT	945.00	2,995.00	3,000.00	5.00	99.8
13-300-5108	BEAUTIFICATION	2,254.72	50,163.91	103,500.00	53,336.09	48.5
13-300-5310	MEMBERSHIPS	.00	55,620.00	63,000.00	7,380.00	88.3
13-300-5401	SERVICE CHARGE - GENERAL FUND	5,833.33	40,833.31	70,000.00	29,166.69	58.3
13-300-5920	GRANT - HOTELS	.00	125,529.50	288,650.00	163,120.50	43.5
	TOTAL EXPENSES	9,033.05	277,236.72	528,150.00	250,913.28	52.5
	<u>OTHER FINANCING USES</u>					
13-600-8090	INTERFUND TRANSFER OUT	.00	444,325.00	288,650.00	(155,675.00)	153.9
	TOTAL OTHER FINANCING USES	.00	444,325.00	288,650.00	(155,675.00)	153.9
	TOTAL FUND EXPENDITURES	9,033.05	721,561.72	816,800.00	95,238.28	88.3
	NET REVENUE OVER EXPENDITURES	75,524.37	(136,938.77)	28,325.00	165,263.77	(483.5)

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 7 MONTHS ENDING NOVEMBER 30, 2018

DEA SEIZURE FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>REVENUES</u>						
16-100-3551	POLICE REVENUE-TASK FORCE	.00	21,066.82	.00	(21,066.82)	.0
16-100-3800	INTEREST INCOME	219.02	1,574.71	.00	(1,574.71)	.0
	TOTAL REVENUES	219.02	22,641.53	.00	(22,641.53)	.0
	TOTAL FUND REVENUE	219.02	22,641.53	.00	(22,641.53)	.0

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 7 MONTHS ENDING NOVEMBER 30, 2018

DEA SEIZURE FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>EXPENSES</u>					
16-300-5100	PROFESSIONAL SERVICES	.00	.00	10,000.00	10,000.00	.0
16-300-5310	MEMBERSHIP	.00	659.25	4,000.00	3,340.75	16.5
16-300-5330	TRAINING	.00	.00	4,500.00	4,500.00	.0
16-300-5610	EQUIPMENT MAINTENANCE	.00	4,800.00	50,000.00	45,200.00	9.6
16-300-5710	OPERATING SUPPLIES	.00	.00	9,000.00	9,000.00	.0
	TOTAL EXPENSES	.00	5,459.25	77,500.00	72,040.75	7.0
	<u>CAPITAL OUTLAY GENERAL</u>					
16-500-7020	EQUIPMENT - CAPITAL	.00	12,178.09	60,000.00	47,821.91	20.3
	TOTAL CAPITAL OUTLAY GENERAL	.00	12,178.09	60,000.00	47,821.91	20.3
	TOTAL FUND EXPENDITURES	.00	17,637.34	137,500.00	119,862.66	12.8
	NET REVENUE OVER EXPENDITURES	219.02	5,004.19	(137,500.00)	(142,504.19)	3.6

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 7 MONTHS ENDING NOVEMBER 30, 2018

SOLID WASTE DISPOSAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
17-100-3355	SOLID WASTE FEES	38,457.25	235,930.31	475,000.00	239,069.69	49.7
17-100-3800	INTEREST INCOME	197.86	1,373.23	2,500.00	1,126.77	54.9
	TOTAL REVENUES	38,655.11	237,303.54	477,500.00	240,196.46	49.7
	TOTAL FUND REVENUE	38,655.11	237,303.54	477,500.00	240,196.46	49.7

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 7 MONTHS ENDING NOVEMBER 30, 2018

SOLID WASTE DISPOSAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	EXPENSES					
17-300-5401	SERVICE CHARGE - GENERAL FUND	10,250.00	71,750.00	123,000.00	51,250.00	58.3
17-300-5420	SWANCC CHARGES	29,410.14	192,455.30	327,726.00	135,270.70	58.7
	TOTAL EXPENSES	39,660.14	264,205.30	450,726.00	186,520.70	58.6
	TOTAL FUND EXPENDITURES	39,660.14	264,205.30	450,726.00	186,520.70	58.6
	NET REVENUE OVER EXPENDITURES	(1,005.03)	(26,901.76)	26,774.00	53,675.76	(100.5)

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 7 MONTHS ENDING NOVEMBER 30, 2018

PALATINE ROAD TIF FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
18-100-3000	REAL ESTATE TAXES	.00	9,829.80	150,000.00	140,170.20	6.6
18-100-3800	INTEREST INCOME	42.57	301.76	100.00	(201.76)	301.8
	TOTAL REVENUES	42.57	10,131.56	150,100.00	139,968.44	6.8
	TOTAL FUND REVENUE	42.57	10,131.56	150,100.00	139,968.44	6.8

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 7 MONTHS ENDING NOVEMBER 30, 2018

PALATINE ROAD TIF FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>EXPENSES</u>					
18-300-5101	AUDIT	756.00	2,396.00	1,500.00	(896.00)	159.7
	TOTAL EXPENSES	756.00	2,396.00	1,500.00	(896.00)	159.7
	<u>CAPITAL OUTLAY</u>					
18-500-7011	BUILDING IMPROVEMENTS	.00	.00	288,625.00	288,625.00	.0
	TOTAL CAPITAL OUTLAY	.00	.00	288,625.00	288,625.00	.0
	TOTAL FUND EXPENDITURES	756.00	2,396.00	290,125.00	287,729.00	.8
	NET REVENUE OVER EXPENDITURES	(713.43)	7,735.56	(140,025.00)	(147,760.56)	5.5

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 7 MONTHS ENDING NOVEMBER 30, 2018

SSA #1

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
21-100-3000	REAL ESTATE TAXES	.00	97.68	.00	(97.68)	.0
21-100-3800	INTEREST INCOME	7.86	56.00	.00	(56.00)	.0
	TOTAL REVENUES	7.86	153.68	.00	(153.68)	.0
	TOTAL FUND REVENUE	7.86	153.68	.00	(153.68)	.0
	NET REVENUE OVER EXPENDITURES	7.86	153.68	.00	(153.68)	.0

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 7 MONTHS ENDING NOVEMBER 30, 2018

SSA #2

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
22-100-3800	INTEREST INCOME	21.82	157.55	.00	(157.55)	.0
	TOTAL REVENUES	21.82	157.55	.00	(157.55)	.0
	TOTAL FUND REVENUE	21.82	157.55	.00	(157.55)	.0

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 7 MONTHS ENDING NOVEMBER 30, 2018

SSA #2

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>EXPENSES</u>					
22-300-5100 PROFESSIONAL SERVICES	.00	.00	38,153.00	38,153.00	.0
TOTAL EXPENSES	.00	.00	38,153.00	38,153.00	.0
TOTAL FUND EXPENDITURES	.00	.00	38,153.00	38,153.00	.0
NET REVENUE OVER EXPENDITURES	21.82	157.55	(38,153.00)	(38,310.55)	.4

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 7 MONTHS ENDING NOVEMBER 30, 2018

SSA #3

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
23-100-3000	REAL ESTATE TAXES	.00	109.37	.00	(109.37)	.0
23-100-3800	INTEREST INCOME	124.54	890.35	.00	(890.35)	.0
	TOTAL REVENUES	124.54	999.72	.00	(999.72)	.0
	TOTAL FUND REVENUE	124.54	999.72	.00	(999.72)	.0

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 7 MONTHS ENDING NOVEMBER 30, 2018

SSA #3

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>EXPENSES</u>					
23-300-5100 PROFESSIONAL SERVICES	.00	.00	328,265.00	328,265.00	.0
TOTAL EXPENSES	.00	.00	328,265.00	328,265.00	.0
TOTAL FUND EXPENDITURES	.00	.00	328,265.00	328,265.00	.0
NET REVENUE OVER EXPENDITURES	124.54	999.72	(328,265.00)	(329,264.72)	.3

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 7 MONTHS ENDING NOVEMBER 30, 2018

SSA #4

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
24-100-3800	INTEREST INCOME	18.17	131.79	.00	(131.79)	.0
	TOTAL REVENUES	18.17	131.79	.00	(131.79)	.0
	TOTAL FUND REVENUE	18.17	131.79	.00	(131.79)	.0

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 7 MONTHS ENDING NOVEMBER 30, 2018

SSA #4

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>EXPENSES</u>					
24-300-5100 PROFESSIONAL SERVICES	.00	.00	36,719.00	36,719.00	.0
TOTAL EXPENSES	.00	.00	36,719.00	36,719.00	.0
TOTAL FUND EXPENDITURES	.00	.00	36,719.00	36,719.00	.0
NET REVENUE OVER EXPENDITURES	18.17	131.79	(36,719.00)	(36,850.79)	.4

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 7 MONTHS ENDING NOVEMBER 30, 2018

SSA #5

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
25-100-3000	REAL ESTATE TAXES	.00	1,255.67	25,000.00	23,744.33	5.0
25-100-3800	INTEREST INCOME	41.77	314.69	275.00	(39.69)	114.4
	TOTAL REVENUES	41.77	1,570.36	25,275.00	23,704.64	6.2
	TOTAL FUND REVENUE	41.77	1,570.36	25,275.00	23,704.64	6.2

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 7 MONTHS ENDING NOVEMBER 30, 2018

SSA #5

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>EXPENSES</u>					
25-300-5050	SYSTEM MAINTENANCE	106.00	2,078.98	9,000.00	6,921.02	23.1
25-300-5100	PROFESSIONAL SERVICES	.00	570.00	25,000.00	24,430.00	2.3
25-300-5500	LIABILITY INSURANCE	.00	438.00	.00	(438.00)	.0
	TOTAL EXPENSES	106.00	3,086.98	34,000.00	30,913.02	9.1
	TOTAL FUND EXPENDITURES	106.00	3,086.98	34,000.00	30,913.02	9.1
	NET REVENUE OVER EXPENDITURES	(64.23)	(1,516.62)	(8,725.00)	(7,208.38)	(17.4)

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 7 MONTHS ENDING NOVEMBER 30, 2018

SSA #8

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
28-100-3000	REAL ESTATE TAXES	211.02	13,108.85	125,161.00	112,052.15	10.5
28-100-3800	INTEREST INCOME	90.06	862.97	750.00	(112.97)	115.1
	TOTAL REVENUES	301.08	13,971.82	125,911.00	111,939.18	11.1
	TOTAL FUND REVENUE	301.08	13,971.82	125,911.00	111,939.18	11.1

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 7 MONTHS ENDING NOVEMBER 30, 2018

SSA #8

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>EXPENSES</u>					
28-300-5100	PROFESSIONAL SERVICES	272.97	362.57	23,000.00	22,637.43	1.6
28-300-5500	LIABILITY INSURANCE	.00	656.00	.00	(656.00)	.0
28-300-7020	EQUIPMENT	.00	327.63	.00	(327.63)	.0
	TOTAL EXPENSES	272.97	1,346.20	23,000.00	21,653.80	5.9
	<u>DEPARTMENT 400</u>					
28-400-6000	PRINCIPAL	.00	.00	100,000.00	100,000.00	.0
28-400-6010	INTEREST	.00	.00	2,000.00	2,000.00	.0
	TOTAL DEPARTMENT 400	.00	.00	102,000.00	102,000.00	.0
	TOTAL FUND EXPENDITURES	272.97	1,346.20	125,000.00	123,653.80	1.1
	NET REVENUE OVER EXPENDITURES	28.11	12,625.62	911.00	(11,714.62)	1385.9

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 7 MONTHS ENDING NOVEMBER 30, 2018

CAPITAL IMPROVEMENTS

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
30-200-3990	INTERFUND TRANSFER IN	.00	300,000.00	.00	(300,000.00)	.0
	TOTAL DEPARTMENT 200	.00	300,000.00	.00	(300,000.00)	.0
	TOTAL FUND REVENUE	.00	300,000.00	.00	(300,000.00)	.0

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 7 MONTHS ENDING NOVEMBER 30, 2018

CAPITAL IMPROVEMENTS

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
30-550-7020 EQUIPMENT - PW	.00	.00	103,000.00	103,000.00	.0
30-550-7021 EQUIPMENT - INFO TECH	.00	.00	43,750.00	43,750.00	.0
30-550-7040 VEHICLES - PS	36,960.25	36,960.25	64,000.00	27,039.75	57.8
30-550-7048 STREETS - TOURISM - APPLE DR	61,170.58	64,545.58	.00	(64,545.58)	.0
30-550-7049 STREETS - TOURISM - WINKELMAN	81,427.58	88,723.83	.00	(88,723.83)	.0
30-550-7050 STREET RESURFACING	753,991.17	856,305.14	1,731,720.00	875,414.86	49.5
30-550-7051 ROAD PROGRAM - 2018	.00	17,796.75	.00	(17,796.75)	.0
30-550-7060 SIDEWALKS	.00	16,120.50	79,279.00	63,158.50	20.3
30-550-7063 DRAINAGE IMPROVEMENTS	.00	4,008.00	232,000.00	227,992.00	1.7
30-550-7064 DRAINAGE IMPR - WILLOW RD	.00	606.00	.00	(606.00)	.0
TOTAL DEPARTMENT 550	933,549.58	1,085,066.05	2,253,749.00	1,168,682.95	48.1
TOTAL FUND EXPENDITURES	933,549.58	1,085,066.05	2,253,749.00	1,168,682.95	48.1
NET REVENUE OVER EXPENDITURES	(933,549.58)	(785,066.05)	(2,253,749.00)	(1,468,682.95)	(34.8)

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 7 MONTHS ENDING NOVEMBER 30, 2018

ROAD CONSTRUCTION DEBT

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
41-100-3000	REAL ESTATE TAXES	1,778.56	606,407.18	1,298,705.00	692,297.82	46.7
41-100-3800	INTEREST INCOME	487.62	3,635.13	2,500.00	(1,135.13)	145.4
	TOTAL REVENUES	2,266.18	610,042.31	1,301,205.00	691,162.69	46.9
	TOTAL FUND REVENUE	2,266.18	610,042.31	1,301,205.00	691,162.69	46.9

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 7 MONTHS ENDING NOVEMBER 30, 2018

ROAD CONSTRUCTION DEBT

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>EXPENSES</u>					
41-300-5101	AUDIT	472.50	1,497.50	1,500.00	2.50	99.8
41-300-5430	BANK FEES	.00	1,000.00	850.00	(150.00)	117.7
	TOTAL EXPENSES	472.50	2,497.50	2,350.00	(147.50)	106.3
	<u>DEBT SERVICE</u>					
41-400-6000	PRINCIPAL	1,020,000.00	1,020,000.00	1,020,000.00	.00	100.0
41-400-6010	INTEREST	139,392.50	278,785.00	278,785.00	.00	100.0
	TOTAL DEBT SERVICE	1,159,392.50	1,298,785.00	1,298,785.00	.00	100.0
	TOTAL FUND EXPENDITURES	1,159,865.00	1,301,282.50	1,301,135.00	(147.50)	100.0
	NET REVENUE OVER EXPENDITURES	(1,157,598.82)	(691,240.19)	70.00	691,310.19	(98748

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 7 MONTHS ENDING NOVEMBER 30, 2018

SSA #6 DEBT

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
46-100-3000	REAL ESTATE TAXES	.00	106,454.03	237,142.00	130,687.97	44.9
46-100-3800	INTEREST INCOME	89.82	438.97	500.00	61.03	87.8
	TOTAL REVENUES	89.82	106,893.00	237,642.00	130,749.00	45.0
	<u>DEPARTMENT 160</u>					
46-160-3899	MISC OTHER INCOME	.00	5,834.71	.00	(5,834.71)	.0
	TOTAL DEPARTMENT 160	.00	5,834.71	.00	(5,834.71)	.0
	TOTAL FUND REVENUE	89.82	112,727.71	237,642.00	124,914.29	47.4

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 7 MONTHS ENDING NOVEMBER 30, 2018

SSA #6 DEBT

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>DEBT SERVICE</u>					
46-400-6000	PRINCIPAL	125,000.00	125,000.00	125,000.00	.00	100.0
46-400-6010	INTEREST	56,071.25	112,142.50	112,142.00	(.50)	100.0
	TOTAL DEBT SERVICE	181,071.25	237,142.50	237,142.00	(.50)	100.0
	TOTAL FUND EXPENDITURES	181,071.25	237,142.50	237,142.00	(.50)	100.0
	NET REVENUE OVER EXPENDITURES	(180,981.43)	(124,414.79)	500.00	124,914.79	(24883

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 7 MONTHS ENDING NOVEMBER 30, 2018

WATER FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
51-100-3800	INTEREST INCOME	3,134.86	19,754.77	7,500.00	(12,254.77)	263.4
51-100-3880	WATER SALES	38,173.19	179,118.43	257,000.00	77,881.57	69.7
51-100-3881	WATER DELIVERY CHARGE	31,084.55	211,759.87	370,000.00	158,240.13	57.2
51-100-3882	WATER INFRASTRUCTURE RESERVE	12,588.93	88,031.60	150,000.00	61,968.40	58.7
51-100-3883	WATER DEBT RETIREMENT CHARGE	6,387.76	45,256.35	75,000.00	29,743.65	60.3
51-100-3885	PENALTY	92.86	1,418.99	2,500.00	1,081.01	56.8
	TOTAL REVENUES	91,462.15	545,340.01	862,000.00	316,659.99	63.3
	TOTAL FUND REVENUE	91,462.15	545,340.01	862,000.00	316,659.99	63.3

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 7 MONTHS ENDING NOVEMBER 30, 2018

WATER FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>EXPENSES</u>						
51-300-4000	WAGES	5,574.80	40,561.18	73,200.00	32,638.82	55.4
51-300-4010	OVERTIME	21.53	667.28	5,000.00	4,332.72	13.4
51-300-4100	HEALTH INSURANCE	2,076.50	26,085.50	26,800.00	714.50	97.3
51-300-4110	LIFE INSURANCE	10.31	61.65	150.00	88.35	41.1
51-300-4200	SOCIAL SECURITY	346.80	2,554.89	5,200.00	2,645.11	49.1
51-300-4210	MEDICARE	81.11	597.55	1,250.00	652.45	47.8
51-300-4220	IMRF	757.04	4,700.11	10,600.00	5,899.89	44.3
51-300-5000	BUILDING MAINTENANCE	.00	.00	4,000.00	4,000.00	.0
51-300-5050	SYSTEM MAINTENANCE	.00	15,438.85	56,000.00	40,561.15	27.6
51-300-5100	PROFESSIONAL SERVICES	156.00	16,781.19	25,000.00	8,218.81	67.1
51-300-5101	AUDIT	3,892.50	16,867.50	34,500.00	17,632.50	48.9
51-300-5200	POSTAGE	.00	1,898.15	3,100.00	1,201.85	61.2
51-300-5221	PRINTING	89.42	89.42	900.00	810.58	9.9
51-300-5222	LEGAL NOTICES	.00	.00	1,500.00	1,500.00	.0
51-300-5310	MEMBERSHIPS	.00	1,232.00	1,500.00	268.00	82.1
51-300-5330	TRAINING	.00	.00	5,000.00	5,000.00	.0
51-300-5410	UTILITIES	875.92	6,981.83	15,000.00	8,018.17	46.6
51-300-5412	WATER	16,243.38	141,257.14	235,000.00	93,742.86	60.1
51-300-5430	CREDIT CARD & BANK CHARGES	851.41	6,596.96	7,500.00	903.04	88.0
51-300-5500	LIABILITY INSURANCE	.00	14,675.00	27,600.00	12,925.00	53.2
51-300-5530	WORKERS COMPENSATION INSURANCE	217.30	1,918.33	2,900.00	981.67	66.2
51-300-5634	STONE AND CONCRETE	.00	.00	4,000.00	4,000.00	.0
51-300-5661	METERS	3,269.00	3,269.00	2,800.00	(469.00)	116.8
51-300-5710	OPERATING SUPPLIES	(2,401.00)	1,075.29	10,000.00	8,924.71	10.8
51-300-5750	CHEMICALS	.00	.00	2,000.00	2,000.00	.0
51-300-5751	GASOLINE	.00	.00	2,000.00	2,000.00	.0
51-300-5970	REFUNDS	.00	4.10	.00	(4.10)	.0
TOTAL EXPENSES		32,062.02	303,312.92	562,500.00	259,187.08	53.9
<u>DEBT SERVICE</u>						
51-400-6000	PRINCIPAL	55,000.00	55,000.00	55,000.00	.00	100.0
51-400-6010	INTEREST	10,555.00	21,110.00	21,110.00	.00	100.0
TOTAL DEBT SERVICE		65,555.00	76,110.00	76,110.00	.00	100.0
<u>CAPITAL OUTLAY GENERAL</u>						
51-500-7020	EQUIPMENT	.00	99,495.00	106,000.00	6,505.00	93.9
TOTAL CAPITAL OUTLAY GENERAL		.00	99,495.00	106,000.00	6,505.00	93.9

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 7 MONTHS ENDING NOVEMBER 30, 2018

WATER FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>OTHER FINANCING USES</u>					
51-600-8000	DEPRECIATION	.00	67,500.00	135,000.00	67,500.00	50.0
	TOTAL OTHER FINANCING USES	.00	67,500.00	135,000.00	67,500.00	50.0
	TOTAL FUND EXPENDITURES	97,617.02	546,417.92	879,610.00	333,192.08	62.1
	NET REVENUE OVER EXPENDITURES	(6,154.87)	(1,077.91)	(17,610.00)	(16,532.09)	(6.1)

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 7 MONTHS ENDING NOVEMBER 30, 2018

PARKING FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>REVENUES</u>					
52-100-3330 PARKING FEES	5,099.03	37,031.77	64,000.00	26,968.23	57.9
TOTAL REVENUES	5,099.03	37,031.77	64,000.00	26,968.23	57.9
TOTAL FUND REVENUE	5,099.03	37,031.77	64,000.00	26,968.23	57.9

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 7 MONTHS ENDING NOVEMBER 30, 2018

PARKING FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>EXPENSES</u>					
52-300-4001 ALLOCATED WAGES & BENEFITS	2,250.00	15,750.00	45,000.00	29,250.00	35.0
52-300-5100 PROFESSIONAL SERVICES	.00	.00	10,200.00	10,200.00	.0
52-300-5410 UTILITIES	212.55	2,775.88	9,500.00	6,724.12	29.2
52-300-5500 LIABILITY INSURANCE	.00	.00	5,300.00	5,300.00	.0
52-300-5511 FACILITY RENT	.00	39,010.50	21,000.00	(18,010.50)	185.8
52-300-5632 ICE CONTROL MAINTENANCE	.00	.00	1,200.00	1,200.00	.0
52-300-5710 OPERATING SUPPLIES	.00	.00	2,000.00	2,000.00	.0
52-300-5970 REFUNDS	.00	.00	250.00	250.00	.0
TOTAL EXPENSES	2,462.55	57,536.38	94,450.00	36,913.62	60.9
<u>OTHER FINANCING USES</u>					
52-600-8000 DEPRECIATION	.00	16,000.00	32,000.00	16,000.00	50.0
TOTAL OTHER FINANCING USES	.00	16,000.00	32,000.00	16,000.00	50.0
TOTAL FUND EXPENDITURES	2,462.55	73,536.38	126,450.00	52,913.62	58.2
NET REVENUE OVER EXPENDITURES	2,636.48	(36,504.61)	(62,450.00)	(25,945.39)	(58.5)

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 7 MONTHS ENDING NOVEMBER 30, 2018

SANITARY SEWER FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
53-100-3884	SANITARY SEWER CHARGES	(660.69)	412,560.77	672,000.00	259,439.23	61.4
53-100-3885	PENALTY	(316.95)	5,132.53	.00	(5,132.53)	.0
	TOTAL REVENUES	(977.64)	417,693.30	672,000.00	254,306.70	62.2
	TOTAL FUND REVENUE	(977.64)	417,693.30	672,000.00	254,306.70	62.2

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 7 MONTHS ENDING NOVEMBER 30, 2018

SANITARY SEWER FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>EXPENSES</u>					
53-300-4000 WAGES	982.80	7,053.92	62,800.00	55,746.08	11.2
53-300-4100 HEALTH INSURANCE	.00	.00	7,500.00	7,500.00	.0
53-300-4110 LIFE INSURANCE	.00	.00	125.00	125.00	.0
53-300-4200 SOCIAL SECURITY	60.76	436.08	3,900.00	3,463.92	11.2
53-300-4210 MEDICARE	14.22	102.04	950.00	847.96	10.7
53-300-4220 IMRF	121.47	788.71	8,000.00	7,211.29	9.9
53-300-5050 SYSTEM MAINTENANCE	397.27	397.27	72,000.00	71,602.73	.6
53-300-5100 PROFESSIONAL SERVICES	800.00	24,149.47	57,000.00	32,850.53	42.4
53-300-5101 AUDIT & ACCTG SERVICES	3,420.00	15,370.00	33,000.00	17,630.00	46.6
53-300-5200 POSTAGE	.00	892.50	4,500.00	3,607.50	19.8
53-300-5221 PRINTING	.00	.00	1,500.00	1,500.00	.0
53-300-5330 TRAINING	.00	.00	6,000.00	6,000.00	.0
53-300-5500 LIABILITY INSURANCE	.00	3,338.00	.00	(3,338.00)	.0
53-300-5530 WORKER'S COMP INSURANCE	54.33	1,235.46	1,000.00	(235.46)	123.6
TOTAL EXPENSES	5,850.85	53,763.45	258,275.00	204,511.55	20.8
<u>CAPITAL OUTLAY GENERAL</u>					
53-500-7051 SYSTEM IMPROVEMENTS	.00	54,565.80	192,500.00	137,934.20	28.4
TOTAL CAPITAL OUTLAY GENERAL	.00	54,565.80	192,500.00	137,934.20	28.4
TOTAL FUND EXPENDITURES	5,850.85	108,329.25	450,775.00	342,445.75	24.0
NET REVENUE OVER EXPENDITURES	(6,828.49)	309,364.05	221,225.00	(88,139.05)	139.8

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 7 MONTHS ENDING NOVEMBER 30, 2018

POLICE PENSION

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
71-100-3000	REAL ESTATE TAXES	552.39	163,041.54	350,000.00	186,958.46	46.6
71-100-3800	INTEREST INCOME	231.44	83,590.32	75,000.00	(8,590.32)	111.5
71-100-3801	NET APPRECIATION - FV INV	.00	453,801.50	.00	(453,801.50)	.0
71-100-3860	CITY CONTRIBUTION	.00	.00	447,149.00	447,149.00	.0
71-100-3861	EMPLOYEE CONTRIBUTION	15,070.72	121,818.47	210,000.00	88,181.53	58.0
	TOTAL REVENUES	15,854.55	822,251.83	1,082,149.00	259,897.17	76.0
	TOTAL FUND REVENUE	15,854.55	822,251.83	1,082,149.00	259,897.17	76.0

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 7 MONTHS ENDING NOVEMBER 30, 2018

POLICE PENSION

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>EXPENSES</u>						
71-300-4232	DISABILITY BENEFITS	10,981.60	76,871.20	135,000.00	58,128.80	56.9
71-300-4233	PENSION PAYMENTS	61,566.04	466,169.36	610,000.00	143,830.64	76.4
71-300-5100	PROFESSIONAL SERVICES	679.91	18,423.73	25,000.00	6,576.27	73.7
71-300-5101	AUDIT & FINANCE	.00	.00	2,500.00	2,500.00	.0
71-300-5107	INVESTMENT EXPENSE	.00	(24,596.93)	32,000.00	56,596.93	(76.9)
71-300-5331	CONFERENCES	.00	.00	1,500.00	1,500.00	.0
71-300-5440	STATE FILING FEE	.00	.00	2,500.00	2,500.00	.0
	TOTAL EXPENSES	73,227.55	536,867.36	808,500.00	271,632.64	66.4
	TOTAL FUND EXPENDITURES	73,227.55	536,867.36	808,500.00	271,632.64	66.4
	NET REVENUE OVER EXPENDITURES	(57,373.00)	285,384.47	273,649.00	(11,735.47)	104.3

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 7 MONTHS ENDING NOVEMBER 30, 2018

ROAD & BUILDING BOND ESCROW

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
72-100-3899	MISCELLANEOUS INCOME	84.57	490.78	.00	(490.78)	.0
	TOTAL DEPARTMENT 100	84.57	490.78	.00	(490.78)	.0
	TOTAL FUND REVENUE	84.57	490.78	.00	(490.78)	.0

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 7 MONTHS ENDING NOVEMBER 30, 2018

ROAD & BUILDING BOND ESCROW

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
72-300-5430 BANK CHARGES	.00	4.50	.00	(4.50)	.0
TOTAL DEPARTMENT 300	.00	4.50	.00	(4.50)	.0
TOTAL FUND EXPENDITURES	.00	4.50	.00	(4.50)	.0
NET REVENUE OVER EXPENDITURES	84.57	486.28	.00	(486.28)	.0

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 8 MONTHS ENDING DECEMBER 31, 2018

GENERAL FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
<u>LOCAL TAXES</u>					
01-105-3000 REAL ESTATE TAXES	805.39	161,114.16	350,000.00	188,885.84	46.0
01-105-3005 USE TAX	41,482.07	295,324.31	427,533.00	132,208.69	69.1
01-105-3006 NON-HOME RULE SALES TAX	26,499.09	214,134.55	302,627.00	88,492.45	70.8
01-105-3010 UTILITY - ELECTRIC	25,007.90	254,202.86	389,000.00	134,797.14	65.4
01-105-3011 UTILITY - NATURAL GAS	17,347.20	83,259.00	160,200.00	76,941.00	52.0
01-105-3012 UTILITY- TELEPHONE	20,135.65	186,633.28	361,500.00	174,866.72	51.6
01-105-3030 ROAD & BRIDGE TAXES	4.76	12,785.07	36,346.00	23,560.93	35.2
01-105-3040 RENTAL CAR TAXES	1,321.51	11,982.51	18,274.00	6,291.49	65.6
01-105-3050 PLACES FOR EATING TAX	25,538.77	239,475.67	335,000.00	95,524.33	71.5
01-105-3060 HANDLE TAX - OTB	10,485.00	95,611.24	155,000.00	59,388.76	61.7
01-105-3065 VIDEO GAMING TAX	23,190.71	161,322.43	230,000.00	68,677.57	70.1
01-105-3070 AMUSEMENT TAX	.00	241.00	5,750.00	5,509.00	4.2
TOTAL LOCAL TAXES	191,818.05	1,716,086.08	2,771,230.00	1,055,143.92	61.9
<u>INTERGOVERNMENTAL REVENUES</u>					
01-110-3100 INCOME TAXES	92,565.38	1,026,503.68	1,427,547.92	401,044.24	71.9
01-110-3101 PERSONAL PROPERTY REPLACE TAX	168.54	2,673.75	5,228.00	2,554.25	51.1
01-110-3110 SALES TAXES	94,632.85	760,779.28	1,001,279.00	240,499.72	76.0
01-110-3111 GLENVIEW SHARED REVENUE	.00	20,258.91	57,500.00	37,241.09	35.2
01-110-3113 AIRPORT SHARING REVENUE	.00	46,047.16	.00	(46,047.16)	.0
TOTAL INTERGOVERNMENTAL REVENUES	187,366.77	1,856,262.78	2,491,554.92	635,292.14	74.5
<u>GRANTS REVENUE</u>					
01-115-3213 GRANT - STEP	3,109.88	11,064.76	9,676.00	(1,388.76)	114.4
01-115-3246 GRANT-POLICE EQUIPMENT	.00	1,027.08	13,500.00	12,472.92	7.6
01-115-3247 GRANT - POLICE TOBACCO	.00	1,760.00	3,000.00	1,240.00	58.7
TOTAL GRANTS REVENUE	3,109.88	13,851.84	26,176.00	12,324.16	52.9
<u>LICENSES & FEES</u>					
01-120-3300 VEHICLE STICKERS	10,657.00	54,963.00	663,429.57	608,466.57	8.3
01-120-3310 VEH. STICKERS SENIORS	448.00	2,081.00	50,669.67	48,588.67	4.1
01-120-3320 VEH. STICKERS LATE FEES	9,916.00	37,958.00	40,000.00	2,042.00	94.9
01-120-3321 VEH. STICKERS TRANSFERS	696.00	2,604.00	3,000.00	396.00	86.8
01-120-3342 LICENSES - ANIMALS	72.00	1,163.00	12,500.00	11,337.00	9.3
01-120-3343 LICENSES - LIQUOR	55.00	1,655.00	85,000.00	83,345.00	2.0
01-120-3344 LICENSES - BUSINESS	396.00	9,841.00	60,000.00	50,159.00	16.4
01-120-3346 LICENSES - CONTRACTORS	1,400.00	30,400.00	30,000.00	(400.00)	101.3
01-120-3348 LICENSE - AGREEMENTS	2,000.00	14,122.38	11,000.00	(3,122.38)	128.4
TOTAL LICENSES & FEES	25,640.00	154,787.38	955,599.24	800,811.86	16.2

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 8 MONTHS ENDING DECEMBER 31, 2018

GENERAL FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
<u>FRANCHISE FEES</u>					
01-125-3350 CABLE FRANCHISE FEES	.00	99,205.16	225,000.00	125,794.84	44.1
01-125-3351 CABLE FRANCHISE - PEG FEES	.00	11,744.64	.00	(11,744.64)	.0
01-125-3355 SOLID WASTE FRANCHISE FEES	17,860.06	57,877.52	95,000.00	37,122.48	60.9
01-125-3360 NATURAL GAS FRANCHISE FEES	.00	.00	24,500.00	24,500.00	.0
TOTAL FRANCHISE FEES	17,860.06	168,827.32	344,500.00	175,672.68	49.0
<u>BUILDING & ZONING FEES</u>					
01-130-3400 BUILDING PERMITS	27,311.00	230,628.57	175,000.00	(55,628.57)	131.8
01-130-3402 PUBLIC HEARING FEES	2,800.00	6,360.40	2,500.00	(3,860.40)	254.4
01-130-3403 ELEVATOR INSPECTION FEE	425.00	1,375.00	5,100.00	3,725.00	27.0
01-130-3404 CERT. OF OCC. INSPECTION FEES	600.00	1,925.00	750.00	(1,175.00)	256.7
01-130-3405 HEALTH INSPECTION FEE	.00	357.50	500.00	142.50	71.5
01-130-3406 COMMERCIAL INSPECTION FEE	160.00	2,089.00	8,250.00	6,161.00	25.3
01-130-3407 ENGINEERING PERMIT FEES	615.60	11,975.00	5,000.00	(6,975.00)	239.5
01-130-3408 VACANT FORECLOSURE REGIS	600.00	8,570.00	13,400.00	4,830.00	64.0
01-130-3410 BUILDING RE-INSP. FEE	.00	505.00	500.00	(5.00)	101.0
01-130-3411 RENTAL INSPECTION FEE	5,250.00	26,500.00	220,000.00	193,500.00	12.1
TOTAL BUILDING & ZONING FEES	37,761.60	290,285.47	431,000.00	140,714.53	67.4
<u>PUBLIC SAFETY FINES & FEES</u>					
01-140-3500 TRAFFIC FINES	31,916.18	137,381.14	300,000.00	162,618.86	45.8
01-140-3505 ORDINANCE & PARKING FINES	11,453.24	240,823.83	250,000.00	9,176.17	96.3
01-140-3515 VEHICLE SEIZURE FEE	2,500.00	29,000.00	60,000.00	31,000.00	48.3
01-140-3520 DUI ASSESSMENTS	840.00	5,946.35	8,000.00	2,053.65	74.3
01-140-3525 POLICE ALARM LICENSES & FEES	75.00	1,830.00	11,000.00	9,170.00	16.6
TOTAL PUBLIC SAFETY FINES & FEES	46,784.42	414,981.32	629,000.00	214,018.68	66.0
<u>PUBLIC SAFETY SPECIAL REVENUE</u>					
01-145-3550 POLICE REVENUE-NARCOTICS	.00	6,817.06	15,000.00	8,182.94	45.5
01-145-3551 POLICE REVENUE-TASK FORCE	.00	.00	16,000.00	16,000.00	.0
01-145-3552 POLICE REV-ABANDENED PROP EVID	.00	.00	200.00	200.00	.0
01-145-3553 POLICE REVENUE-SPECIAL DETAILS	5,760.00	41,460.94	13,000.00	(28,460.94)	318.9
01-145-3554 POLICE REVENUE - GAMING TAX	.00	11,566.11	1,500.00	(10,066.11)	771.1
01-145-3555 POLICE REVENUE - SEIZED ASSETS	.00	449.51	.00	(449.51)	.0
01-145-3745 PUBLIC SAFETY REIMBURSABLE FEE	606.50	1,597.94	13,000.00	11,402.06	12.3
TOTAL PUBLIC SAFETY SPECIAL REVENUE	6,366.50	61,891.56	58,700.00	(3,191.56)	105.4

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 8 MONTHS ENDING DECEMBER 31, 2018

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
	<u>INTERFUND SERVICE CHARGES</u>					
01-150-3613	CVB/TOURISM SERVICE CHARGE	5,833.33	46,666.64	70,000.00	23,333.36	66.7
01-150-3617	SOLID WASTE SERVICE CHARGE	10,250.00	82,000.00	123,000.00	41,000.00	66.7
	TOTAL INTERFUND SERVICE CHARGES	16,083.33	128,666.64	193,000.00	64,333.36	66.7
	<u>REIMBURSABLE INCOME</u>					
01-155-3700	EMPLOYEE SALARY REIMBURSEMENT	.00	23,953.98	35,000.00	11,046.02	68.4
01-155-3702	EMPLOYEE INS. REIMBURSEMENT	3,734.98	34,051.76	52,260.00	18,208.24	65.2
01-155-3703	RETIREE HEALTH INS REIMBURSE	3,307.35	28,732.35	80,039.00	51,306.65	35.9
01-155-3720	FIRE DISTRICT GAS REIMB.	4,296.84	6,400.97	6,600.00	199.03	97.0
01-155-3730	INSURANCE REIMBURSEMENTS	2,201.72	1,951.73	140,000.00	138,048.27	1.4
01-155-3741	BUILDING & ENG DEPT REIMB FEES	.00	1,074.68	500.00	(574.68)	214.9
	TOTAL REIMBURSABLE INCOME	13,540.89	96,165.47	314,399.00	218,233.53	30.6
	<u>OTHER REVENUES</u>					
01-160-3800	INTEREST INCOME	16,299.18	131,815.62	32,500.00	(99,315.62)	405.6
01-160-3801	INTEREST INCOME - DEBT	.00	.00	5,750.00	5,750.00	.0
01-160-3810	NEWSLETTER ADVERTISING	.00	800.00	2,000.00	1,200.00	40.0
01-160-3811	BUS SHELTERS AD REVENUE	.00	.00	3,000.00	3,000.00	.0
01-160-3815	SPONSORSHIP & CONTRIBUTIONS	.00	7,435.00	7,000.00	(435.00)	106.2
01-160-3820	SALE OF CITY PROPERTY	.00	.00	7,500.00	7,500.00	.0
01-160-3830	GASOLINE REBATE	.00	1,647.97	.00	(1,647.97)	.0
01-160-3840	AIRPORT MEETING FEES	.00	5.00	.00	(5.00)	.0
01-160-3899	MISCELLANEOUS INCOME	670.67	8,873.53	15,000.00	6,126.47	59.2
	TOTAL OTHER REVENUES	16,969.85	150,577.12	72,750.00	(77,827.12)	207.0
	<u>OTHER FINANCING SOURCES</u>					
01-200-3990	INTERFUND TRANSFER IN	.00	144,325.00	288,651.00	144,326.00	50.0
	TOTAL OTHER FINANCING SOURCES	.00	144,325.00	288,651.00	144,326.00	50.0
	TOTAL FUND REVENUE	563,301.35	5,196,707.98	8,576,560.16	3,379,852.18	60.6

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 8 MONTHS ENDING DECEMBER 31, 2018

GENERAL FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>CITY COUNCIL & BOARDS</u>					
01-310-4000 WAGES	2,250.00	18,000.00	27,000.00	9,000.00	66.7
01-310-4003 WAGES - PART TIME	.00	.00	4,500.00	4,500.00	.0
01-310-4200 SOCIAL SECURITY	139.50	1,116.00	1,960.00	844.00	56.9
01-310-4210 MEDICARE	32.24	260.86	460.00	199.14	56.7
01-310-5100 PROFESSIONAL SERVICES	.00	.00	1,500.00	1,500.00	.0
01-310-5300 ALDERMANIC EXPENSES	262.84	1,012.26	4,300.00	3,287.74	23.5
01-310-5310 MEMBERSHIPS	.00	10,957.22	12,600.00	1,642.78	87.0
01-310-5330 TRAINING	.00	.00	400.00	400.00	.0
01-310-5610 EQUIP MAINTENANCE - NRC	.00	.00	250.00	250.00	.0
01-310-5650 LANDSCAPE SUPPLIES - NRC	.00	.00	1,050.00	1,050.00	.0
01-310-5950 SPECIAL EVENTS	9,406.51	31,346.29	22,000.00	(9,346.29)	142.5
01-310-7020 EQUIPMENT	39.80	2,007.76	14,890.00	12,882.24	13.5
TOTAL CITY COUNCIL & BOARDS	12,130.89	64,700.39	90,910.00	26,209.61	71.2

ADMINISTRATION

01-320-4000 WAGES	24,547.10	199,608.18	317,120.00	117,511.82	62.9
01-320-4003 WAGES - PART-TIME	1,992.59	28,882.01	29,770.00	887.99	97.0
01-320-4010 OVERTIME	.00	420.75	.00	(420.75)	.0
01-320-4100 HEALTH INSURANCE	1,358.00	10,776.50	24,230.00	13,453.50	44.5
01-320-4110 LIFE INSURANCE	22.69	135.51	250.00	114.49	54.2
01-320-4200 SOCIAL SECURITY	872.28	12,063.25	21,510.00	9,446.75	56.1
01-320-4210 MEDICARE	378.82	3,270.48	5,030.00	1,759.52	65.0
01-320-4220 IMRF	3,005.38	22,216.09	40,200.00	17,983.91	55.3
01-320-5100 PROFESSIONAL SERVICES	1,003.00	15,308.75	25,000.00	9,691.25	61.2
01-320-5105 PROFESSIONAL FEES - ENGR	30,465.62	61,782.93	46,000.00	(15,782.93)	134.3
01-320-5106 PROFESSIONAL FEES - GOV IT SYS	2,475.00	13,610.00	21,000.00	7,390.00	64.8
01-320-5107 PROFESSIONAL FEES - REIMB	1,245.50	2,400.50	7,000.00	4,599.50	34.3
01-320-5130 COMPUTER CONSULTANT	3,630.00	26,266.00	60,000.00	33,734.00	43.8
01-320-5200 POSTAGE	2,033.99	4,272.71	14,000.00	9,727.29	30.5
01-320-5220 PHOTOCOPY	4,111.04	14,474.30	19,000.00	4,525.70	76.2
01-320-5221 PRINTING	648.13	10,481.59	15,000.00	4,518.41	69.9
01-320-5222 LEGAL NOTICES	.00	1,434.57	2,000.00	565.43	71.7
01-320-5230 WEBSITE	.00	6,895.14	6,500.00	(395.14)	106.1
01-320-5310 MEMBERSHIPS	.00	1,898.00	2,200.00	302.00	86.3
01-320-5330 TRAINING	.00	40.00	3,500.00	3,460.00	1.1
01-320-5410 UTILITIES	6,900.18	34,946.43	61,500.00	26,553.57	56.8
01-320-5430 CREDIT CARD & BANK CHARGES	70.53	2,661.23	11,000.00	8,338.77	24.2
01-320-5500 LIABILITY INSURANCE	34,838.79	59,593.68	36,700.00	(22,893.68)	162.4
01-320-5501 INSURANCE DEDUCTIBLES	.00	.00	12,500.00	12,500.00	.0
01-320-5530 WORKERS COMPENSATION INSURANCE	510.80	2,923.70	3,400.00	476.30	86.0
01-320-5700 OFFICE SUPPLIES	618.07	4,564.24	12,000.00	7,435.76	38.0
01-320-5710 OPERATING SUPPLIES	39.99	130.27	.00	(130.27)	.0
01-320-5751 GASOLINE	.00	.00	300.00	300.00	.0
01-320-7020 EQUIPMENT	.00	4,808.49	28,750.00	23,941.51	16.7
TOTAL ADMINISTRATION	120,767.50	545,865.30	825,460.00	279,594.70	66.1

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 8 MONTHS ENDING DECEMBER 31, 2018

GENERAL FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
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FINANCE

01-322-5101	AUDIT & FINANCE FEES	13,800.00	96,378.00	185,000.00	88,622.00 52.1
01-322-5310	MEMBERSHIPS	.00	.00	850.00	850.00 .0
01-322-5540	PAYROLL SERVICE FEES	608.15	2,851.50	6,200.00	3,348.50 46.0
01-322-5541	ACCTG SERVICE FEES	2,625.00	4,016.10	4,500.00	483.90 89.3
TOTAL FINANCE		17,033.15	103,245.60	196,550.00	93,304.40 52.5

LEGAL

01-324-5120	CITY ATTORNEY	19,387.00	176,793.36	120,000.00 (56,793.36)	147.3
01-324-5121	HOUSING ATTORNEY	.00	.00	13,200.00	13,200.00 .0
01-324-5122	CITY PROSECUTOR	.00	17,010.00	30,000.00	12,990.00 56.7
01-324-5123	LABOR ATTORNEY	.00	7,348.50	50,000.00	42,651.50 14.7
01-324-5125	OUTSIDE COUNSEL	.00	.00	10,000.00	10,000.00 .0
TOTAL LEGAL		19,387.00	201,151.86	223,200.00	22,048.14 90.1

BUILDING DEPARTMENT

01-340-4000	WAGES	23,809.60	194,974.90	309,370.00	114,395.10 63.0
01-340-4100	HEALTH INSURANCE	4,417.00	33,880.00	55,660.00	21,780.00 60.9
01-340-4110	LIFE INSURANCE	32.85	229.82	400.00	170.18 57.5
01-340-4200	SOCIAL SECURITY	1,439.14	11,785.71	19,190.00	7,404.29 61.4
01-340-4210	MEDICARE	336.64	2,756.37	4,490.00	1,733.63 61.4
01-340-4220	IMRF	2,942.88	22,327.01	39,210.00	16,882.99 56.9
01-340-5100	PROFESSIONAL SERVICES	9,339.00	47,173.28	62,300.00	15,126.72 75.7
01-340-5111	BILLABLE ENGINEERING	.00	4,033.50	12,000.00	7,966.50 33.6
01-340-5221	PRINTING	.00	476.70	2,000.00	1,523.30 23.8
01-340-5222	LEGAL NOTICES	.00	1,744.35	2,000.00	255.65 87.2
01-340-5310	MEMBERSHIPS	175.00	540.00	920.00	380.00 58.7
01-340-5330	TRAINING	95.00	439.00	4,500.00	4,061.00 9.8
01-340-5500	LIABILITY INSURANCE	583.28	922.28	1,000.00	77.72 92.2
01-340-5530	WORKERS COMPENSATION INSURANCE	591.04	3,173.04	3,900.00	726.96 81.4
01-340-5700	OFFICE SUPPLIES	(775.96)	939.62	3,500.00	2,560.38 26.9
01-340-5751	GASOLINE	.00	248.24	4,320.00	4,071.76 5.8
01-340-5820	PUBLICATIONS	.00	.00	2,000.00	2,000.00 .0
01-340-7020	EQUIPMENT	982.05	1,478.69	9,600.00	8,121.31 15.4
TOTAL BUILDING DEPARTMENT		43,967.52	327,122.51	536,360.00	209,237.49 61.0

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 8 MONTHS ENDING DECEMBER 31, 2018

GENERAL FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>PUBLIC WORKS</u>					
01-350-4000 WAGES	29,622.41	246,552.82	395,700.00	149,147.18	62.3
01-350-4001 ALLOCATED WAGES & BENEFITS	(8,250.00)	(24,000.00)	(45,000.00)	(21,000.00)	(53.3)
01-350-4003 WAGES - PART-TIME	.00	6,468.00	10,560.00	4,092.00	61.3
01-350-4010 OVERTIME	4,435.63	16,187.86	40,000.00	23,812.14	40.5
01-350-4100 HEALTH INSURANCE	10,090.00	77,864.00	115,500.00	37,636.00	67.4
01-350-4110 LIFE INSURANCE	41.25	288.75	500.00	211.25	57.8
01-350-4200 SOCIAL SECURITY	2,076.97	16,483.40	27,630.00	11,146.60	59.7
01-350-4210 MEDICARE	485.74	3,854.90	6,460.00	2,605.10	59.7
01-350-4220 IMRF	3,697.05	29,324.13	55,130.00	25,805.87	53.2
01-350-5000 BUILDING MAINTENANCE	.00	522.29	.00	(522.29)	.0
01-350-5020 VEHICLE MAINTENANCE	2,783.22	16,693.91	50,000.00	33,306.09	33.4
01-350-5031 SIGNAL MAINTENANCE	.00	6,859.80	36,000.00	29,140.20	19.1
01-350-5100 PROFESSIONAL SERVICES	251.00	4,794.34	15,000.00	10,205.66	32.0
01-350-5103 PROF SERVICES - FORESTRY	12,987.50	20,128.52	63,800.00	43,671.48	31.6
01-350-5104 PROF SERVICES - BUILDING MAIN	1,336.52	15,971.02	76,000.00	60,028.98	21.0
01-350-5106 PROF SERVICES - STREETS/DRAIN	.00	.00	75,000.00	75,000.00	.0
01-350-5310 MEMBERSHIPS	.00	47.40	4,500.00	4,452.60	1.1
01-350-5330 TRAINING	898.17	1,126.17	4,500.00	3,373.83	25.0
01-350-5410 UTILITIES	560.40	1,732.80	.00	(1,732.80)	.0
01-350-5411 WATER AND ELECTRIC PURCHASES	1,057.40	6,103.09	11,000.00	4,896.91	55.5
01-350-5421 DUMP CHARGES	.00	.00	4,000.00	4,000.00	.0
01-350-5441 LICENSES	.00	.00	500.00	500.00	.0
01-350-5500 LIABILITY INSURANCE PREMIUM	45,351.68	71,516.68	49,100.00	(22,416.68)	145.7
01-350-5510 RENTAL EQUIPMENT	.00	722.12	4,000.00	3,277.88	18.1
01-350-5530 WORKERS COMPENSATION INSURANCE	2,497.04	16,126.86	16,500.00	373.14	97.7
01-350-5610 EQUIPMENT MAINTENANCE	9.84	1,561.77	5,000.00	3,438.23	31.2
01-350-5634 STONE & CONCRETE	.00	1,759.94	5,000.00	3,240.06	35.2
01-350-5635 STORM SEWER & PIPE	.00	813.86	10,000.00	9,186.14	8.1
01-350-5650 LANDSCAPE SUPPLIES	.00	1,206.36	15,000.00	13,793.64	8.0
01-350-5700 OFFICE SUPPLIES	63.57	364.35	1,500.00	1,135.65	24.3
01-350-5710 OPERATING SUPPLIES	2,783.46	8,983.14	30,000.00	21,016.86	29.9
01-350-5721 SIGNS	1,401.63	6,098.17	30,000.00	23,901.83	20.3
01-350-5730 TOOLS	.00	399.46	5,500.00	5,100.54	7.3
01-350-5751 GASOLINE	8,000.93	14,343.70	20,000.00	5,656.30	71.7
01-350-5820 PUBLICATIONS	.00	325.00	.00	(325.00)	.0
01-350-7011 IMPROVEMENTS - PW	22,931.00	22,931.00	27,000.00	4,069.00	84.9
01-350-7020 EQUIPMENT	.00	5,928.00	7,500.00	1,572.00	79.0
01-350-7021 RADIO EQUIPMENT	149.97	149.97	600.00	450.03	25.0
01-350-7023 SAFETY EQUIPMENT	301.64	1,833.16	5,000.00	3,166.84	36.7
01-350-7025 SOFTWARE	.00	.00	14,000.00	14,000.00	.0
TOTAL PUBLIC WORKS	145,564.02	602,066.74	1,192,480.00	590,413.26	50.5

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 8 MONTHS ENDING DECEMBER 31, 2018

GENERAL FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>PUBLIC SAFETY</u>					
01-360-4000 WAGES	41,718.53	342,605.99	575,470.00	232,864.01	59.5
01-360-4001 WAGES - SWORN OFFICERS	127,163.06	1,147,377.27	1,864,290.00	716,912.73	61.5
01-360-4002 WAGES - EXTRA STRAIGHT PAY	8,494.46	24,047.98	46,375.00	22,327.02	51.9
01-360-4004 WAGES - PART-TIME SWORN OFFCRS	8,746.50	67,884.18	122,500.00	54,615.82	55.4
01-360-4010 OVERTIME	58.00	780.83	2,500.00	1,719.17	31.2
01-360-4011 OVERTIME - SWORN OFFICERS	24,469.13	108,107.56	140,000.00	31,892.44	77.2
01-360-4100 HEALTH INSURANCE	31,611.48	273,689.44	465,850.00	192,160.56	58.8
01-360-4110 LIFE INSURANCE	221.08	1,491.37	2,660.00	1,168.63	56.1
01-360-4120 UNEMPLOYMENT INSURANCE	7,524.00	11,953.83	.00	11,953.83)	.0
01-360-4200 SOCIAL SECURITY	1,823.54	14,525.60	25,725.00	11,199.40	56.5
01-360-4210 MEDICARE	2,985.17	23,920.42	39,465.00	15,544.58	60.6
01-360-4220 IMRF	1,617.88	12,615.22	28,690.00	16,074.78	44.0
01-360-4230 PENSION CONTRIBUTION - R/E TAX	805.39	161,114.16	350,000.00	188,885.84	46.0
01-360-4231 PENSION CONTRIBUTION-CITY GF	.00	.00	447,149.00	447,149.00	.0
01-360-5100 PROFESSIONAL SERVICES	804.97	8,477.92	23,700.00	15,222.08	35.8
01-360-5101 PROFESSIONAL FEES - VOCA	.00	40,042.02	80,100.00	40,057.98	50.0
01-360-5140 PRISONERS CARE	.00	477.51	2,500.00	2,022.49	19.1
01-360-5141 KENNEL FEES	346.18	1,478.94	4,000.00	2,521.06	37.0
01-360-5200 POSTAGE	.00	1,131.84	3,000.00	1,868.16	37.7
01-360-5221 PRINTING	.00	2,104.80	5,000.00	2,895.20	42.1
01-360-5240 NORTHWEST CENTRAL DISPATCH	21,593.31	194,030.45	260,811.00	66,780.55	74.4
01-360-5310 MEMBERSHIPS	190.00	44,138.00	50,100.00	5,962.00	88.1
01-360-5321 AUTO EXPENSE	24.00	994.95	2,500.00	1,505.05	39.8
01-360-5330 TRAINING	858.33	8,104.33	26,900.00	18,795.67	30.1
01-360-5340 TUITION REIMBURSEMENT	.00	.00	8,000.00	8,000.00	.0
01-360-5410 UTILITIES	911.60	3,183.91	.00	3,183.91)	.0
01-360-5500 LIABILITY INSURANCE PREMIUM	47,717.00	75,454.00	46,400.00	29,054.00)	162.6
01-360-5510 RENTAL EQUIPMENT	104.01	312.03	620.00	307.97	50.3
01-360-5520 ID NETWORKS	.00	13,247.00	25,000.00	11,753.00	53.0
01-360-5530 WORKERS COMPENSATION INSURANCE	16,919.86	72,859.38	111,600.00	38,740.62	65.3
01-360-5610 EQUIPMENT MAINTENANCE	570.17	10,940.69	16,500.00	5,559.31	66.3
01-360-5611 RADIO MAINTENANCE	.00	636.76	1,000.00	363.24	63.7
01-360-5700 OFFICE SUPPLIES	330.30	3,179.93	7,500.00	4,320.07	42.4
01-360-5710 OPERATING SUPPLIES	170.51	3,166.89	11,200.00	8,033.11	28.3
01-360-5740 RANGE SUPPLIES	129.90	3,238.40	7,650.00	4,411.60	42.3
01-360-5741 CLOTHING	1,744.87	10,614.50	25,700.00	15,085.50	41.3
01-360-5751 GASOLINE	.00	27,455.77	50,000.00	22,544.23	54.9
01-360-5820 PUBLICATIONS	64.40	256.40	1,060.00	803.60	24.2
01-360-7022 POLICE TECH/SAFETY SUPPLIES	1,405.39	6,498.11	15,205.00	8,706.89	42.7
TOTAL PUBLIC SAFETY	351,123.02	2,722,138.38	4,896,720.00	2,174,581.62	55.6
<u>PUBLIC SAFETY-SPECIAL ACCT EXP</u>					
01-365-5981 DUI EXPENSE	.00	1,974.33	20,000.00	18,025.67	9.9
01-365-5982 NARCOTICS EXPENSE	.00	700.00	.00	700.00)	.0
01-365-5983 SEIZED ASSET - EXPENSE	(131.00)	10,356.76	.00	(10,356.76)	.0
TOTAL PUBLIC SAFETY-SPECIAL ACCT EXP	(131.00)	13,031.09	20,000.00	6,968.91	65.2

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 8 MONTHS ENDING DECEMBER 31, 2018

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REIMBURSABLE EXP</u>					
01-370-4101	RETIREE HEALTH INSURANCE	4,404.00	28,673.00	80,039.00	51,366.00	35.8
01-370-5102	GRANT WRITER	.00	10,000.00	20,750.00	10,750.00	48.2
01-370-5751	GASOLINE	.00	6,601.43	6,000.00	(601.43)	110.0
	TOTAL REIMBURSABLE EXP	4,404.00	45,274.43	106,789.00	61,514.57	42.4
	<u>OTHER EXPENSES</u>					
01-380-5970	REFUNDS	.00	6.48	2,000.00	1,993.52	.3
01-380-5975	SALES TAX REBATE	.00	68,285.71	168,000.00	99,714.29	40.7
01-380-5999	MISCELLANEOUS EXPENSE	.00	.00	1,500.00	1,500.00	.0
	TOTAL OTHER EXPENSES	.00	68,292.19	171,500.00	103,207.81	39.8
	<u>GRANTS</u>					
01-390-5900	GRANT - GENERAL EXPENSE	.00	.00	1,500.00	1,500.00	.0
01-390-5947	GRANT-POLICE TOBACCO EXPENSE	.00	50.00	.00	(50.00)	.0
	TOTAL GRANTS	.00	50.00	1,500.00	1,450.00	3.3
	<u>DEBT SERVICE</u>					
01-400-6000	PRINCIPAL	145,000.00	145,000.00	145,000.00	.00	100.0
01-400-6010	INTEREST	20,969.13	41,938.26	41,972.00	33.74	99.9
	TOTAL DEBT SERVICE	165,969.13	186,938.26	186,972.00	33.74	100.0
	TOTAL FUND EXPENDITURES	880,215.23	4,879,876.75	8,448,441.00	3,568,564.25	57.8
	NET REVENUE OVER EXPENDITURES	(316,913.88)	316,831.23	128,119.16	(188,712.07)	247.3

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 8 MONTHS ENDING DECEMBER 31, 2018

MOTOR FUEL TAX FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
11-100-3800	INTEREST INCOME	3,128.44	19,973.24	5,000.00	(14,973.24)	399.5
	TOTAL REVENUES	3,128.44	19,973.24	5,000.00	(14,973.24)	399.5
	<u>INTERGOVERNMENTAL REVENUES</u>					
11-110-3120	MOTOR FUEL TAX	36,667.46	280,556.09	415,000.00	134,443.91	67.6
	TOTAL INTERGOVERNMENTAL REVENUES	36,667.46	280,556.09	415,000.00	134,443.91	67.6
	TOTAL FUND REVENUE	39,795.90	300,529.33	420,000.00	119,470.67	71.6

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 8 MONTHS ENDING DECEMBER 31, 2018

MOTOR FUEL TAX FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>EXPENSES</u>					
11-300-5632 ICE CONTROL MAINTENANCE	.00	.00	50,000.00	50,000.00	.0
TOTAL EXPENSES	.00	.00	50,000.00	50,000.00	.0
TOTAL FUND EXPENDITURES	.00	.00	50,000.00	50,000.00	.0
NET REVENUE OVER EXPENDITURES	39,795.90	300,529.33	370,000.00	69,470.67	81.2

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 8 MONTHS ENDING DECEMBER 31, 2018

PALATINE/MILWAUKEE TIF FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
12-100-3000	REAL ESTATE TAXES	.00	515,868.94	670,000.00	154,131.06	77.0
12-100-3800	INTEREST INCOME	206.43	1,620.23	.00	(1,620.23)	.0
12-100-3899	MISCELLANEOUS INCOME	.00	64.37	.00	(64.37)	.0
	TOTAL REVENUES	206.43	517,553.54	670,000.00	152,446.46	77.3
	TOTAL FUND REVENUE	206.43	517,553.54	670,000.00	152,446.46	77.3

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 8 MONTHS ENDING DECEMBER 31, 2018

PALATINE/MILWAUKEE TIF FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>EXPENSES</u>					
12-300-5100 PROFESSIONAL SERVICES	.00	3,310.00	.00	(3,310.00)	.0
12-300-5101 AUDIT	.00	2,396.00	1,500.00	(896.00)	159.7
12-300-5430 BANK FEES	.00	.00	750.00	750.00	.0
TOTAL EXPENSES	.00	5,706.00	2,250.00	(3,456.00)	253.6
TOTAL FUND EXPENDITURES	.00	5,706.00	2,250.00	(3,456.00)	253.6
NET REVENUE OVER EXPENDITURES	206.43	511,847.54	667,750.00	155,902.46	76.7

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 8 MONTHS ENDING DECEMBER 31, 2018

TOURISM DISTRICT

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
13-100-3020	HOTEL TAXES	56,962.52	640,860.87	845,000.00	204,139.13	75.8
13-100-3800	INTEREST INCOME	133.07	857.67	125.00	(732.67)	686.1
	TOTAL REVENUES	57,095.59	641,718.54	845,125.00	203,406.46	75.9
	TOTAL FUND REVENUE	57,095.59	641,718.54	845,125.00	203,406.46	75.9

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 8 MONTHS ENDING DECEMBER 31, 2018

TOURISM DISTRICT

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	EXPENSES					
13-300-5100	PROFESSIONAL SERVICES	.00	2,095.00	.00	(2,095.00)	.0
13-300-5101	AUDIT	.00	2,995.00	3,000.00	5.00	99.8
13-300-5108	BEAUTIFICATION	10,292.46	60,456.37	103,500.00	43,043.63	58.4
13-300-5310	MEMBERSHIPS	.00	55,620.00	63,000.00	7,380.00	88.3
13-300-5401	SERVICE CHARGE - GENERAL FUND	5,833.33	46,666.64	70,000.00	23,333.36	66.7
13-300-5920	GRANT - HOTELS	62,764.75	188,294.25	288,650.00	100,355.75	65.2
	TOTAL EXPENSES	78,890.54	356,127.26	528,150.00	172,022.74	67.4
	OTHER FINANCING USES					
13-600-8090	INTERFUND TRANSFER OUT	.00	444,325.00	288,650.00	(155,675.00)	153.9
	TOTAL OTHER FINANCING USES	.00	444,325.00	288,650.00	(155,675.00)	153.9
	TOTAL FUND EXPENDITURES	78,890.54	800,452.26	816,800.00	16,347.74	98.0
	NET REVENUE OVER EXPENDITURES	(21,794.95)	(158,733.72)	28,325.00	187,058.72	(560.4)

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 8 MONTHS ENDING DECEMBER 31, 2018

DEA SEIZURE FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
16-100-3551	POLICE REVENUE-TASK FORCE	.00	21,066.82	.00	(21,066.82)	.0
16-100-3800	INTEREST INCOME	224.67	1,799.38	.00	(1,799.38)	.0
	TOTAL REVENUES	224.67	22,866.20	.00	(22,866.20)	.0
	TOTAL FUND REVENUE	224.67	22,866.20	.00	(22,866.20)	.0

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 8 MONTHS ENDING DECEMBER 31, 2018

DEA SEIZURE FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>EXPENSES</u>					
16-300-5100	PROFESSIONAL SERVICES	.00	.00	10,000.00	10,000.00	.0
16-300-5310	MEMBERSHIP	.00	659.25	4,000.00	3,340.75	16.5
16-300-5330	TRAINING	.00	.00	4,500.00	4,500.00	.0
16-300-5610	EQUIPMENT MAINTENANCE	.00	4,800.00	50,000.00	45,200.00	9.6
16-300-5710	OPERATING SUPPLIES	.00	.00	9,000.00	9,000.00	.0
16-300-7022	POLICE EQUIPMENT	540.45	540.45	.00	(540.45)	.0
	TOTAL EXPENSES	540.45	5,999.70	77,500.00	71,500.30	7.7
	<u>CAPITAL OUTLAY GENERAL</u>					
16-500-7020	EQUIPMENT - CAPITAL	.00	12,178.09	60,000.00	47,821.91	20.3
	TOTAL CAPITAL OUTLAY GENERAL	.00	12,178.09	60,000.00	47,821.91	20.3
	TOTAL FUND EXPENDITURES	540.45	18,177.79	137,500.00	119,322.21	13.2
	NET REVENUE OVER EXPENDITURES	(315.78)	4,688.41	(137,500.00)	(142,188.41)	3.4

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 8 MONTHS ENDING DECEMBER 31, 2018

SOLID WASTE DISPOSAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
17-100-3355	SOLID WASTE FEES	76,736.25	312,666.56	475,000.00	162,333.44	65.8
17-100-3800	INTEREST INCOME	208.11	1,581.34	2,500.00	918.66	63.3
	TOTAL REVENUES	76,944.36	314,247.90	477,500.00	163,252.10	65.8
	TOTAL FUND REVENUE	76,944.36	314,247.90	477,500.00	163,252.10	65.8

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 8 MONTHS ENDING DECEMBER 31, 2018

SOLID WASTE DISPOSAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	EXPENSES					
17-300-5401	SERVICE CHARGE - GENERAL FUND	10,250.00	82,000.00	123,000.00	41,000.00	66.7
17-300-5420	SWANCC CHARGES	54,968.68	247,423.98	327,726.00	80,302.02	75.5
	TOTAL EXPENSES	65,218.68	329,423.98	450,726.00	121,302.02	73.1
	TOTAL FUND EXPENDITURES	65,218.68	329,423.98	450,726.00	121,302.02	73.1
	NET REVENUE OVER EXPENDITURES	11,725.68	(15,176.08)	26,774.00	41,950.08	(56.7)

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 8 MONTHS ENDING DECEMBER 31, 2018

PALATINE ROAD TIF FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
18-100-3000	REAL ESTATE TAXES	.00	9,829.80	150,000.00	140,170.20	6.6
18-100-3800	INTEREST INCOME	43.99	345.75	100.00	(245.75)	345.8
	TOTAL REVENUES	43.99	10,175.55	150,100.00	139,924.45	6.8
	TOTAL FUND REVENUE	43.99	10,175.55	150,100.00	139,924.45	6.8

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 8 MONTHS ENDING DECEMBER 31, 2018

PALATINE ROAD TIF FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>EXPENSES</u>					
18-300-5100	PROFESSIONAL SERVICES	3,917.00	3,917.00	.00	(3,917.00)	.0
18-300-5101	AUDIT	.00	2,396.00	1,500.00	(896.00)	159.7
	TOTAL EXPENSES	3,917.00	6,313.00	1,500.00	(4,813.00)	420.9
	<u>CAPITAL OUTLAY</u>					
18-500-7011	BUILDING IMPROVEMENTS	.00	.00	288,625.00	288,625.00	.0
	TOTAL CAPITAL OUTLAY	.00	.00	288,625.00	288,625.00	.0
	TOTAL FUND EXPENDITURES	3,917.00	6,313.00	290,125.00	283,812.00	2.2
	NET REVENUE OVER EXPENDITURES	(3,873.01)	3,862.55	(140,025.00)	(143,887.55)	2.8

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 8 MONTHS ENDING DECEMBER 31, 2018

SSA #1

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
21-100-3000	REAL ESTATE TAXES	.00	97.68	.00	(97.68)	.0
21-100-3800	INTEREST INCOME	8.13	64.13	.00	(64.13)	.0
	TOTAL REVENUES	8.13	161.81	.00	(161.81)	.0
	TOTAL FUND REVENUE	8.13	161.81	.00	(161.81)	.0
	NET REVENUE OVER EXPENDITURES	8.13	161.81	.00	(161.81)	.0

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 8 MONTHS ENDING DECEMBER 31, 2018

SSA #2

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
22-100-3800	INTEREST INCOME	22.55	180.10	.00	(180.10)	.0
	TOTAL REVENUES	22.55	180.10	.00	(180.10)	.0
	TOTAL FUND REVENUE	22.55	180.10	.00	(180.10)	.0

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 8 MONTHS ENDING DECEMBER 31, 2018

SSA #2

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>EXPENSES</u>					
22-300-5100 PROFESSIONAL SERVICES	.00	.00	38,153.00	38,153.00	.0
TOTAL EXPENSES	.00	.00	38,153.00	38,153.00	.0
TOTAL FUND EXPENDITURES	.00	.00	38,153.00	38,153.00	.0
NET REVENUE OVER EXPENDITURES	22.55	180.10	(38,153.00)	(38,333.10)	.5

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 8 MONTHS ENDING DECEMBER 31, 2018

SSA #3

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
23-100-3000	REAL ESTATE TAXES	.00	109.37	.00	(109.37)	.0
23-100-3800	INTEREST INCOME	128.75	1,019.10	.00	(1,019.10)	.0
	TOTAL REVENUES	128.75	1,128.47	.00	(1,128.47)	.0
	TOTAL FUND REVENUE	128.75	1,128.47	.00	(1,128.47)	.0

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 8 MONTHS ENDING DECEMBER 31, 2018

SSA #3

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>EXPENSES</u>					
23-300-5100 PROFESSIONAL SERVICES	.00	.00	328,265.00	328,265.00	.0
TOTAL EXPENSES	.00	.00	328,265.00	328,265.00	.0
TOTAL FUND EXPENDITURES	.00	.00	328,265.00	328,265.00	.0
NET REVENUE OVER EXPENDITURES	128.75	1,128.47	(328,265.00)	(329,393.47)	.3

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 8 MONTHS ENDING DECEMBER 31, 2018

SSA #4

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
24-100-3800	INTEREST INCOME	18.79	150.58	.00	(150.58)	.0
	TOTAL REVENUES	18.79	150.58	.00	(150.58)	.0
	TOTAL FUND REVENUE	18.79	150.58	.00	(150.58)	.0

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 8 MONTHS ENDING DECEMBER 31, 2018

SSA #4

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>EXPENSES</u>					
24-300-5100 PROFESSIONAL SERVICES	.00	.00	36,719.00	36,719.00	.0
TOTAL EXPENSES	.00	.00	36,719.00	36,719.00	.0
TOTAL FUND EXPENDITURES	.00	.00	36,719.00	36,719.00	.0
NET REVENUE OVER EXPENDITURES	18.79	150.58	(36,719.00)	(36,869.58)	.4

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 8 MONTHS ENDING DECEMBER 31, 2018

SSA #5

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
25-100-3000	REAL ESTATE TAXES	.00	1,255.67	25,000.00	23,744.33	5.0
25-100-3800	INTEREST INCOME	43.17	357.86	275.00	(82.86)	130.1
	TOTAL REVENUES	43.17	1,613.53	25,275.00	23,661.47	6.4
	TOTAL FUND REVENUE	43.17	1,613.53	25,275.00	23,661.47	6.4

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 8 MONTHS ENDING DECEMBER 31, 2018

SSA #5

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>EXPENSES</u>					
25-300-5050	SYSTEM MAINTENANCE	438.83	2,517.81	9,000.00	6,482.19	28.0
25-300-5100	PROFESSIONAL SERVICES	.00	570.00	25,000.00	24,430.00	2.3
25-300-5500	LIABILITY INSURANCE	753.36	1,191.36	.00	(1,191.36)	.0
	TOTAL EXPENSES	1,192.19	4,279.17	34,000.00	29,720.83	12.6
	TOTAL FUND EXPENDITURES	1,192.19	4,279.17	34,000.00	29,720.83	12.6
	NET REVENUE OVER EXPENDITURES	(1,149.02)	(2,665.64)	(8,725.00)	(6,059.36)	(30.6)

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 8 MONTHS ENDING DECEMBER 31, 2018

SSA #8

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
28-100-3000	REAL ESTATE TAXES	.00	13,108.85	125,161.00	112,052.15	10.5
28-100-3800	INTEREST INCOME	93.18	956.15	750.00	(206.15)	127.5
	TOTAL REVENUES	93.18	14,065.00	125,911.00	111,846.00	11.2
	TOTAL FUND REVENUE	93.18	14,065.00	125,911.00	111,846.00	11.2

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 8 MONTHS ENDING DECEMBER 31, 2018

SSA #8

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>EXPENSES</u>					
28-300-5100	PROFESSIONAL SERVICES	272.97	635.54	23,000.00	22,364.46	2.8
28-300-5500	LIABILITY INSURANCE	1,127.93	1,783.93	.00	(1,783.93)	.0
28-300-7020	EQUIPMENT	.00	327.63	.00	(327.63)	.0
	TOTAL EXPENSES	1,400.90	2,747.10	23,000.00	20,252.90	11.9
	<u>DEPARTMENT 400</u>					
28-400-6000	PRINCIPAL	.00	.00	100,000.00	100,000.00	.0
28-400-6010	INTEREST	.00	.00	2,000.00	2,000.00	.0
	TOTAL DEPARTMENT 400	.00	.00	102,000.00	102,000.00	.0
	TOTAL FUND EXPENDITURES	1,400.90	2,747.10	125,000.00	122,252.90	2.2
	NET REVENUE OVER EXPENDITURES	(1,307.72)	11,317.90	911.00	(10,406.90)	1242.4

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 8 MONTHS ENDING DECEMBER 31, 2018

CAPITAL IMPROVEMENTS

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
30-200-3990	INTERFUND TRANSFER IN	.00	300,000.00	.00	(300,000.00)	.0
	TOTAL DEPARTMENT 200	.00	300,000.00	.00	(300,000.00)	.0
	TOTAL FUND REVENUE	.00	300,000.00	.00	(300,000.00)	.0

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 8 MONTHS ENDING DECEMBER 31, 2018

CAPITAL IMPROVEMENTS

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
30-550-7020 EQUIPMENT - PW	21,762.00	21,762.00	103,000.00	81,238.00	21.1
30-550-7021 EQUIPMENT - INFO TECH	.00	.00	43,750.00	43,750.00	.0
30-550-7040 VEHICLES - PS	.00	36,960.25	64,000.00	27,039.75	57.8
30-550-7048 STREETS - TOURISM - APPLE DR	.00	64,545.58	.00	(64,545.58)	.0
30-550-7049 STREETS - TOURISM - WINKELMAN	.00	88,723.83	.00	(88,723.83)	.0
30-550-7050 STREET RESURFACING	6,789.50	863,094.64	1,731,720.00	868,625.36	49.8
30-550-7051 ROAD PROGRAM - 2018	56,363.35	74,160.10	.00	(74,160.10)	.0
30-550-7060 SIDEWALKS	27,632.46	43,752.96	79,279.00	35,526.04	55.2
30-550-7063 DRAINAGE IMPROVEMENTS	.00	4,008.00	232,000.00	227,992.00	1.7
30-550-7064 DRAINAGE IMPR - WILLOW RD	4,599.00	5,205.00	.00	(5,205.00)	.0
TOTAL DEPARTMENT 550	117,146.31	1,202,212.36	2,253,749.00	1,051,536.64	53.3
TOTAL FUND EXPENDITURES	117,146.31	1,202,212.36	2,253,749.00	1,051,536.64	53.3
NET REVENUE OVER EXPENDITURES	(117,146.31)	(902,212.36)	(2,253,749.00)	(1,351,536.64)	(40.0)

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 8 MONTHS ENDING DECEMBER 31, 2018

ROAD CONSTRUCTION FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>EXPENSES</u>					
31-300-5100 PROFESSIONAL SERVICES	680.00	680.00	.00	(680.00)	.0
TOTAL EXPENSES	680.00	680.00	.00	(680.00)	.0
TOTAL FUND EXPENDITURES	680.00	680.00	.00	(680.00)	.0
NET REVENUE OVER EXPENDITURES	(680.00)	(680.00)	.00	680.00	.0

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 8 MONTHS ENDING DECEMBER 31, 2018

ROAD CONSTRUCTION DEBT

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
41-100-3000	REAL ESTATE TAXES	2,994.00	609,401.18	1,298,705.00	689,303.82	46.9
41-100-3800	INTEREST INCOME	505.16	4,140.29	2,500.00	(1,640.29)	165.6
	TOTAL REVENUES	3,499.16	613,541.47	1,301,205.00	687,663.53	47.2
	TOTAL FUND REVENUE	3,499.16	613,541.47	1,301,205.00	687,663.53	47.2

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 8 MONTHS ENDING DECEMBER 31, 2018

ROAD CONSTRUCTION DEBT

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>EXPENSES</u>					
41-300-5101	AUDIT	.00	1,497.50	1,500.00	2.50	99.8
41-300-5430	BANK FEES	.00	1,000.00	850.00	(150.00)	117.7
	TOTAL EXPENSES	.00	2,497.50	2,350.00	(147.50)	106.3
	<u>DEBT SERVICE</u>					
41-400-6000	PRINCIPAL	.00	1,020,000.00	1,020,000.00	.00	100.0
41-400-6010	INTEREST	.00	278,785.00	278,785.00	.00	100.0
	TOTAL DEBT SERVICE	.00	1,298,785.00	1,298,785.00	.00	100.0
	TOTAL FUND EXPENDITURES	.00	1,301,282.50	1,301,135.00	(147.50)	100.0
	NET REVENUE OVER EXPENDITURES	3,499.16	(687,741.03)	70.00	687,811.03	(98248

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 8 MONTHS ENDING DECEMBER 31, 2018

SSA #6 DEBT

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
46-100-3000	REAL ESTATE TAXES	.00	106,454.03	237,142.00	130,687.97	44.9
46-100-3800	INTEREST INCOME	93.44	532.41	500.00	(32.41)	106.5
	TOTAL REVENUES	93.44	106,986.44	237,642.00	130,655.56	45.0
	<u>DEPARTMENT 160</u>					
46-160-3899	MISC OTHER INCOME	.00	5,834.71	.00	(5,834.71)	.0
	TOTAL DEPARTMENT 160	.00	5,834.71	.00	(5,834.71)	.0
	TOTAL FUND REVENUE	93.44	112,821.15	237,642.00	124,820.85	47.5

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 8 MONTHS ENDING DECEMBER 31, 2018

SSA #6 DEBT

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>DEBT SERVICE</u>					
46-400-6000	PRINCIPAL	.00	125,000.00	125,000.00	.00	100.0
46-400-6010	INTEREST	.00	112,142.50	112,142.00	(.50)	100.0
	TOTAL DEBT SERVICE	.00	237,142.50	237,142.00	(.50)	100.0
	TOTAL FUND EXPENDITURES	.00	237,142.50	237,142.00	(.50)	100.0
	NET REVENUE OVER EXPENDITURES	93.44	(124,321.35)	500.00	124,821.35	(24864

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 8 MONTHS ENDING DECEMBER 31, 2018

WATER FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
51-100-3800	INTEREST INCOME	3,325.00	23,079.77	7,500.00	(15,579.77)	307.7
51-100-3880	WATER SALES	21,762.93	206,279.07	257,000.00	50,720.93	80.3
51-100-3881	WATER DELIVERY CHARGE	31,084.38	242,844.25	370,000.00	127,155.75	65.6
51-100-3882	WATER INFRASTRUCTURE RESERVE	12,594.06	100,625.66	150,000.00	49,374.34	67.1
51-100-3883	WATER DEBT RETIREMENT CHARGE	6,390.36	51,646.71	75,000.00	23,353.29	68.9
51-100-3885	PENALTY	238.42	2,322.30	2,500.00	177.70	92.9
	TOTAL REVENUES	75,395.15	626,797.76	862,000.00	235,202.24	72.7
	TOTAL FUND REVENUE	75,395.15	626,797.76	862,000.00	235,202.24	72.7

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 8 MONTHS ENDING DECEMBER 31, 2018

WATER FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>EXPENSES</u>						
51-300-4000	WAGES	5,574.80	46,135.98	73,200.00	27,064.02	63.0
51-300-4010	OVERTIME	279.83	947.11	5,000.00	4,052.89	18.9
51-300-4100	HEALTH INSURANCE	2,015.00	28,100.50	26,800.00	(1,300.50)	104.9
51-300-4110	LIFE INSURANCE	10.31	71.96	150.00	78.04	48.0
51-300-4200	SOCIAL SECURITY	362.81	2,917.70	5,200.00	2,282.30	56.1
51-300-4210	MEDICARE	84.86	682.41	1,250.00	567.59	54.6
51-300-4220	IMRF	691.72	5,391.83	10,600.00	5,208.17	50.9
51-300-5000	BUILDING MAINTENANCE	.00	.00	4,000.00	4,000.00	.0
51-300-5050	SYSTEM MAINTENANCE	1,760.25	17,199.10	56,000.00	38,800.90	30.7
51-300-5100	PROFESSIONAL SERVICES	100.00	16,881.19	25,000.00	8,118.81	67.5
51-300-5101	AUDIT	2,475.00	19,342.50	34,500.00	15,157.50	56.1
51-300-5200	POSTAGE	.00	1,898.15	3,100.00	1,201.85	61.2
51-300-5221	PRINTING	.00	89.42	900.00	810.58	9.9
51-300-5222	LEGAL NOTICES	.00	.00	1,500.00	1,500.00	.0
51-300-5310	MEMBERSHIPS	.00	1,232.00	1,500.00	268.00	82.1
51-300-5330	TRAINING	.00	.00	5,000.00	5,000.00	.0
51-300-5410	UTILITIES	779.70	7,761.53	15,000.00	7,238.47	51.7
51-300-5412	WATER	19,518.43	160,775.57	235,000.00	74,224.43	68.4
51-300-5430	CREDIT CARD & BANK CHARGES	.00	6,596.96	7,500.00	903.04	88.0
51-300-5500	LIABILITY INSURANCE	25,246.79	39,921.79	27,600.00	(12,321.79)	144.6
51-300-5530	WORKERS COMPENSATION INSURANCE	434.60	2,352.93	2,900.00	547.07	81.1
51-300-5634	STONE AND CONCRETE	.00	.00	4,000.00	4,000.00	.0
51-300-5661	METERS	.00	3,269.00	2,800.00	(469.00)	116.8
51-300-5710	OPERATING SUPPLIES	.00	1,075.29	10,000.00	8,924.71	10.8
51-300-5750	CHEMICALS	.00	.00	2,000.00	2,000.00	.0
51-300-5751	GASOLINE	.00	.00	2,000.00	2,000.00	.0
51-300-5970	REFUNDS	.00	4.10	.00	(4.10)	.0
TOTAL EXPENSES		59,334.10	362,647.02	562,500.00	199,852.98	64.5
<u>DEBT SERVICE</u>						
51-400-6000	PRINCIPAL	.00	55,000.00	55,000.00	.00	100.0
51-400-6010	INTEREST	.00	21,110.00	21,110.00	.00	100.0
TOTAL DEBT SERVICE		.00	76,110.00	76,110.00	.00	100.0
<u>CAPITAL OUTLAY GENERAL</u>						
51-500-7020	EQUIPMENT	.00	99,495.00	106,000.00	6,505.00	93.9
TOTAL CAPITAL OUTLAY GENERAL		.00	99,495.00	106,000.00	6,505.00	93.9

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 8 MONTHS ENDING DECEMBER 31, 2018

WATER FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>OTHER FINANCING USES</u>					
51-600-8000 DEPRECIATION	.00	67,500.00	135,000.00	67,500.00	50.0
TOTAL OTHER FINANCING USES	.00	67,500.00	135,000.00	67,500.00	50.0
TOTAL FUND EXPENDITURES	59,334.10	605,752.02	879,610.00	273,857.98	68.9
NET REVENUE OVER EXPENDITURES	16,061.05	21,045.74	(17,610.00)	(38,655.74)	119.5

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 8 MONTHS ENDING DECEMBER 31, 2018

PARKING FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>REVENUES</u>					
52-100-3330 PARKING FEES	6,335.29	43,367.06	64,000.00	20,632.94	67.8
TOTAL REVENUES	6,335.29	43,367.06	64,000.00	20,632.94	67.8
TOTAL FUND REVENUE	6,335.29	43,367.06	64,000.00	20,632.94	67.8

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 8 MONTHS ENDING DECEMBER 31, 2018

PARKING FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>EXPENSES</u>					
52-300-4001	ALLOCATED WAGES & BENEFITS	8,250.00	24,000.00	45,000.00	21,000.00	53.3
52-300-5100	PROFESSIONAL SERVICES	150.00	150.00	10,200.00	10,050.00	1.5
52-300-5410	UTILITIES	1,024.83	3,800.71	9,500.00	5,699.29	40.0
52-300-5500	LIABILITY INSURANCE	.00	.00	5,300.00	5,300.00	.0
52-300-5511	FACILITY RENT	.00	39,010.50	21,000.00	(18,010.50)	185.8
52-300-5632	ICE CONTROL MAINTENANCE	400.85	400.85	1,200.00	799.15	33.4
52-300-5710	OPERATING SUPPLIES	.00	.00	2,000.00	2,000.00	.0
52-300-5970	REFUNDS	.00	.00	250.00	250.00	.0
	TOTAL EXPENSES	9,825.68	67,362.06	94,450.00	27,087.94	71.3
	<u>OTHER FINANCING USES</u>					
52-600-8000	DEPRECIATION	.00	16,000.00	32,000.00	16,000.00	50.0
	TOTAL OTHER FINANCING USES	.00	16,000.00	32,000.00	16,000.00	50.0
	TOTAL FUND EXPENDITURES	9,825.68	83,362.06	126,450.00	43,087.94	65.9
	NET REVENUE OVER EXPENDITURES	(3,490.39)	(39,995.00)	(62,450.00)	(22,455.00)	(64.0)

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 8 MONTHS ENDING DECEMBER 31, 2018

SANITARY SEWER FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
53-100-3884	SANITARY SEWER CHARGES	160.00	412,310.48	672,000.00	259,689.52	61.4
53-100-3885	PENALTY	.00	5,146.28	.00	(5,146.28)	.0
	TOTAL REVENUES	160.00	417,456.76	672,000.00	254,543.24	62.1
	TOTAL FUND REVENUE	160.00	417,456.76	672,000.00	254,543.24	62.1

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 8 MONTHS ENDING DECEMBER 31, 2018

SANITARY SEWER FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>EXPENSES</u>					
53-300-4000 WAGES	982.80	8,036.72	62,800.00	54,763.28	12.8
53-300-4100 HEALTH INSURANCE	.00	.00	7,500.00	7,500.00	.0
53-300-4110 LIFE INSURANCE	.00	.00	125.00	125.00	.0
53-300-4200 SOCIAL SECURITY	60.76	496.84	3,900.00	3,403.16	12.7
53-300-4210 MEDICARE	14.22	116.26	950.00	833.74	12.2
53-300-4220 IMRF	121.48	910.19	8,000.00	7,089.81	11.4
53-300-5050 SYSTEM MAINTENANCE	3,422.50	3,819.77	72,000.00	68,180.23	5.3
53-300-5100 PROFESSIONAL SERVICES	1,027.00	25,176.47	57,000.00	31,823.53	44.2
53-300-5101 AUDIT	2,475.00	17,845.00	33,000.00	15,155.00	54.1
53-300-5200 POSTAGE	.00	892.50	4,500.00	3,607.50	19.8
53-300-5221 PRINTING	.00	.00	1,500.00	1,500.00	.0
53-300-5330 TRAINING	.00	.00	6,000.00	6,000.00	.0
53-300-5500 LIABILITY INSURANCE	5,743.20	9,081.20	.00	(9,081.20)	.0
53-300-5530 WORKER'S COMP INSURANCE	108.66	1,344.12	1,000.00	(344.12)	134.4
TOTAL EXPENSES	13,955.62	67,719.07	258,275.00	190,555.93	26.2
<u>CAPITAL OUTLAY GENERAL</u>					
53-500-7051 SYSTEM IMPROVEMENTS	.00	54,565.80	192,500.00	137,934.20	28.4
TOTAL CAPITAL OUTLAY GENERAL	.00	54,565.80	192,500.00	137,934.20	28.4
TOTAL FUND EXPENDITURES	13,955.62	122,284.87	450,775.00	328,490.13	27.1
NET REVENUE OVER EXPENDITURES	(13,795.62)	295,171.89	221,225.00	(73,946.89)	133.4

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 8 MONTHS ENDING DECEMBER 31, 2018

POLICE PENSION

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
71-100-3000	REAL ESTATE TAXES	805.39	163,846.93	350,000.00	186,153.07	46.8
71-100-3800	INTEREST INCOME	215.11	83,805.43	75,000.00	(8,805.43)	111.7
71-100-3801	NET APPRECIATION - FV INV	.00	453,801.50	.00	(453,801.50)	.0
71-100-3860	CITY CONTRIBUTION	.00	.00	447,149.00	447,149.00	.0
71-100-3861	EMPLOYEE CONTRIBUTION	15,056.46	136,874.93	210,000.00	73,125.07	65.2
	TOTAL REVENUES	16,076.96	838,328.79	1,082,149.00	243,820.21	77.5
	TOTAL FUND REVENUE	16,076.96	838,328.79	1,082,149.00	243,820.21	77.5

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 8 MONTHS ENDING DECEMBER 31, 2018

POLICE PENSION

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
EXPENSES						
71-300-4232	DISABILITY BENEFITS	10,981.60	87,852.80	135,000.00	47,147.20	65.1
71-300-4233	PENSION PAYMENTS	61,565.95	527,735.31	610,000.00	82,264.69	86.5
71-300-5100	PROFESSIONAL SERVICES	2,664.91	21,088.64	25,000.00	3,911.36	84.4
71-300-5101	AUDIT & FINANCE	.00	.00	2,500.00	2,500.00	.0
71-300-5107	INVESTMENT EXPENSE	.00	(24,596.93)	32,000.00	56,596.93	(76.9)
71-300-5331	CONFERENCES	.00	.00	1,500.00	1,500.00	.0
71-300-5440	STATE FILING FEE	.00	.00	2,500.00	2,500.00	.0
TOTAL EXPENSES		75,212.46	612,079.82	808,500.00	196,420.18	75.7
TOTAL FUND EXPENDITURES		75,212.46	612,079.82	808,500.00	196,420.18	75.7
NET REVENUE OVER EXPENDITURES		(59,135.50)	226,248.97	273,649.00	47,400.03	82.7

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 8 MONTHS ENDING DECEMBER 31, 2018

ROAD & BUILDING BOND ESCROW

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
72-100-3899	MISCELLANEOUS INCOME	94.43	585.21	.00	(585.21)	.0
	TOTAL DEPARTMENT 100	94.43	585.21	.00	(585.21)	.0
	TOTAL FUND REVENUE	94.43	585.21	.00	(585.21)	.0

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 8 MONTHS ENDING DECEMBER 31, 2018

ROAD & BUILDING BOND ESCROW

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
72-300-5430 BANK CHARGES	.00	4.50	.00	(4.50)	.0
TOTAL DEPARTMENT 300	.00	4.50	.00	(4.50)	.0
TOTAL FUND EXPENDITURES	.00	4.50	.00	(4.50)	.0
NET REVENUE OVER EXPENDITURES	94.43	580.71	.00	(580.71)	.0

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

GENERAL FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
<u>LOCAL TAXES</u>					
01-105-3000 REAL ESTATE TAXES	680.93	161,795.09	350,000.00	188,204.91	46.2
01-105-3005 USE TAX	43,907.77	339,232.08	427,533.00	88,300.92	79.4
01-105-3006 NON-HOME RULE SALES TAX	26,170.27	240,304.82	302,627.00	62,322.18	79.4
01-105-3010 UTILITY - ELECTRIC	34,371.81	288,574.67	389,000.00	100,425.33	74.2
01-105-3011 UTILITY - NATURAL GAS	21,994.73	105,253.73	160,200.00	54,946.27	65.7
01-105-3012 UTILITY- TELEPHONE	21,316.69	207,949.97	361,500.00	153,550.03	57.5
01-105-3030 ROAD & BRIDGE TAXES	56.45	12,841.52	36,346.00	23,504.48	35.3
01-105-3040 RENTAL CAR TAXES	1,775.14	13,757.65	18,274.00	4,516.35	75.3
01-105-3050 PLACES FOR EATING TAX	25,602.70	265,078.37	335,000.00	69,921.63	79.1
01-105-3060 HANDLE TAX - OTB	21,659.00	117,270.24	155,000.00	37,729.76	75.7
01-105-3065 VIDEO GAMING TAX	20,877.22	182,199.65	230,000.00	47,800.35	79.2
01-105-3070 AMUSEMENT TAX	.00	241.00	5,750.00	5,509.00	4.2
TOTAL LOCAL TAXES	218,412.71	1,934,498.79	2,771,230.00	836,731.21	69.8
<u>INTERGOVERNMENTAL REVENUES</u>					
01-110-3100 INCOME TAXES	134,873.85	1,161,377.53	1,427,547.92	266,170.39	81.4
01-110-3101 PERSONAL PROPERTY REPLACE TAX	565.07	3,238.82	5,228.00	1,989.18	62.0
01-110-3110 SALES TAXES	97,320.66	858,099.94	1,001,279.00	143,179.06	85.7
01-110-3111 GLENVIEW SHARED REVENUE	.00	20,258.91	57,500.00	37,241.09	35.2
01-110-3113 AIRPORT SHARING REVENUE	.00	46,047.16	.00	(46,047.16)	.0
TOTAL INTERGOVERNMENTAL REVENUES	232,759.58	2,089,022.36	2,491,554.92	402,532.56	83.8
<u>GRANTS REVENUE</u>					
01-115-3213 GRANT - STEP	.00	21,708.20	9,676.00	(12,032.20)	224.4
01-115-3246 GRANT-POLICE EQUIPMENT	.00	1,027.08	13,500.00	12,472.92	7.6
01-115-3247 GRANT - POLICE TOBACCO	.00	1,760.00	3,000.00	1,240.00	58.7
TOTAL GRANTS REVENUE	.00	24,495.28	26,176.00	1,680.72	93.6
<u>LICENSES & FEES</u>					
01-120-3300 VEHICLE STICKERS	6,469.00	61,432.00	663,429.57	601,997.57	9.3
01-120-3310 VEH. STICKERS SENIORS	224.00	2,305.00	50,669.67	48,364.67	4.6
01-120-3320 VEH. STICKERS LATE FEES	7,539.00	45,497.00	40,000.00	(5,497.00)	113.7
01-120-3321 VEH. STICKERS TRANSFERS	540.00	3,144.00	3,000.00	(144.00)	104.8
01-120-3342 LICENSES - ANIMALS	.00	1,163.00	12,500.00	11,337.00	9.3
01-120-3343 LICENSES - LIQUOR	200.00	1,855.00	85,000.00	83,145.00	2.2
01-120-3344 LICENSES - BUSINESS	.00	9,841.00	60,000.00	50,159.00	16.4
01-120-3346 LICENSES - CONTRACTORS	2,000.00	32,400.00	30,000.00	(2,400.00)	108.0
01-120-3348 LICENSE - AGREEMENTS	1,822.19	15,944.57	11,000.00	(4,944.57)	145.0
TOTAL LICENSES & FEES	18,794.19	173,581.57	955,599.24	782,017.67	18.2

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

GENERAL FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
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FRANCHISE FEES

01-125-3350	CABLE FRANCHISE FEES	9,223.44	110,016.10	225,000.00	114,983.90 48.9
01-125-3351	CABLE FRANCHISE - PEG FEES	.00	10,157.14	.00	(10,157.14) .0
01-125-3355	SOLID WASTE FRANCHISE FEES	.00	57,877.52	95,000.00	37,122.48 60.9
01-125-3360	NATURAL GAS FRANCHISE FEES	20,176.20	20,176.20	24,500.00	4,323.80 82.4
TOTAL FRANCHISE FEES		29,399.64	198,226.96	344,500.00	146,273.04 57.5

BUILDING & ZONING FEES

01-130-3400	BUILDING PERMITS	5,301.00	235,929.57	175,000.00	(60,929.57) 134.8
01-130-3402	PUBLIC HEARING FEES	.00	6,360.40	2,500.00	(3,860.40) 254.4
01-130-3403	ELEVATOR INSPECTION FEE	2,700.00	4,075.00	5,100.00	1,025.00 79.9
01-130-3404	CERT. OF OCC. INSPECTION FEES	150.00	2,075.00	750.00	(1,325.00) 276.7
01-130-3405	HEALTH INSPECTION FEE	.00	357.50	500.00	142.50 71.5
01-130-3406	COMMERCIAL INSPECTION FEE	125.00	2,214.00	8,250.00	6,036.00 26.8
01-130-3407	ENGINEERING PERMIT FEES	75.00	12,050.00	5,000.00	(7,050.00) 241.0
01-130-3408	VACANT FORECLOSURE REGIS	400.00	8,970.00	13,400.00	4,430.00 66.9
01-130-3410	BUILDING RE-INSPECTION FEE	.00	505.00	500.00	(5.00) 101.0
01-130-3411	RENTAL INSPECTION FEE	88,125.00	114,625.00	220,000.00	105,375.00 52.1
TOTAL BUILDING & ZONING FEES		96,876.00	387,161.47	431,000.00	43,838.53 89.8

PUBLIC SAFETY FINES & FEES

01-140-3500	TRAFFIC FINES	25,090.46	162,471.60	300,000.00	137,528.40 54.2
01-140-3505	ORDINANCE & PARKING FINES	22,779.21	263,603.04	250,000.00	(13,603.04) 105.4
01-140-3510	LIQUOR FINES	6,500.00	6,500.00	.00	(6,500.00) .0
01-140-3515	VEHICLE SEIZURE FEE	5,000.00	34,000.00	60,000.00	26,000.00 56.7
01-140-3520	DUI ASSESSMENTS	.00	5,946.35	8,000.00	2,053.65 74.3
01-140-3525	POLICE ALARM LICENSES & FEES	200.00	2,030.00	11,000.00	8,970.00 18.5
TOTAL PUBLIC SAFETY FINES & FEES		59,569.67	474,550.99	629,000.00	154,449.01 75.5

PUBLIC SAFETY SPECIAL REVENUE

01-145-3550	POLICE REVENUE-NARCOTICS	.00	6,817.06	15,000.00	8,182.94 45.5
01-145-3551	POLICE REVENUE-TASK FORCE	.00	.00	16,000.00	16,000.00 .0
01-145-3552	POLICE REV-ABANDENED PROP EVID	.00	.00	200.00	200.00 .0
01-145-3553	POLICE REVENUE-SPECIAL DETAILS	1,920.00	43,380.94	13,000.00	(30,380.94) 333.7
01-145-3554	POLICE REVENUE - GAMING TAX	.00	11,566.11	1,500.00	(10,066.11) 771.1
01-145-3555	POLICE REVENUE - SEIZED ASSETS	.00	449.51	.00	(449.51) .0
01-145-3745	PUBLIC SAFETY REIMBURSABLE FEE	.00	1,597.94	13,000.00	11,402.06 12.3
TOTAL PUBLIC SAFETY SPECIAL REVENUE		1,920.00	63,811.56	58,700.00	(5,111.56) 108.7

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
	<u>INTERFUND SERVICE CHARGES</u>					
01-150-3613	CVB/TOURISM SERVICE CHARGE	5,833.33	52,499.97	70,000.00	17,500.03	75.0
01-150-3617	SOLID WASTE SERVICE CHARGE	10,250.00	92,250.00	123,000.00	30,750.00	75.0
	<u>TOTAL INTERFUND SERVICE CHARGES</u>	<u>16,083.33</u>	<u>144,749.97</u>	<u>193,000.00</u>	<u>48,250.03</u>	<u>75.0</u>
	<u>REIMBURSABLE INCOME</u>					
01-155-3700	EMPLOYEE SALARY REIMBURSEMENT	8,321.63	32,275.61	35,000.00	2,724.39	92.2
01-155-3702	EMPLOYEE INS. REIMBURSEMENT	4,121.49	38,173.25	52,260.00	14,086.75	73.0
01-155-3703	RETIREE HEALTH INS REIMBURSE	3,307.00	32,039.35	80,039.00	47,999.65	40.0
01-155-3720	FIRE DISTRICT GAS REIMB.	.00	6,400.97	6,600.00	199.03	97.0
01-155-3730	INSURANCE REIMBURSEMENTS	.00	1,951.73	140,000.00	138,048.27	1.4
01-155-3741	BUILDING & ENG DEPT REIMB FEES	176.44	1,251.12	500.00	(751.12)	250.2
	<u>TOTAL REIMBURSABLE INCOME</u>	<u>15,926.56</u>	<u>112,092.03</u>	<u>314,399.00</u>	<u>202,306.97</u>	<u>35.7</u>
	<u>OTHER REVENUES</u>					
01-160-3800	INTEREST INCOME	16,983.70	148,799.32	32,500.00	(116,299.32)	457.8
01-160-3801	INTEREST INCOME - DEBT	.00	.00	5,750.00	5,750.00	.0
01-160-3810	NEWSLETTER ADVERTISING	.00	800.00	2,000.00	1,200.00	40.0
01-160-3811	BUS SHELTERS AD REVENUE	3,114.94	3,114.94	3,000.00	(114.94)	103.8
01-160-3815	SPONSORSHIP & CONTRIBUTIONS	.00	7,435.00	7,000.00	(435.00)	106.2
01-160-3820	SALE OF CITY PROPERTY	4,888.00	4,888.00	7,500.00	2,612.00	65.2
01-160-3830	GASOLINE REBATE	.00	1,647.97	.00	(1,647.97)	.0
01-160-3840	AIRPORT MEETING FEES	.00	5.00	.00	(5.00)	.0
01-160-3899	MISCELLANEOUS INCOME	365.00	9,238.53	15,000.00	5,761.47	61.6
	<u>TOTAL OTHER REVENUES</u>	<u>25,351.64</u>	<u>175,928.76</u>	<u>72,750.00</u>	<u>(103,178.76)</u>	<u>241.8</u>
	<u>OTHER FINANCING SOURCES</u>					
01-200-3990	INTERFUND TRANSFER IN	72,162.50	216,487.50	288,651.00	72,163.50	75.0
	<u>TOTAL OTHER FINANCING SOURCES</u>	<u>72,162.50</u>	<u>216,487.50</u>	<u>288,651.00</u>	<u>72,163.50</u>	<u>75.0</u>
	<u>TOTAL FUND REVENUE</u>	<u>787,255.82</u>	<u>5,994,607.24</u>	<u>8,576,560.16</u>	<u>2,581,952.92</u>	<u>69.9</u>

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

GENERAL FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
CITY COUNCIL & BOARDS					
01-310-4000 WAGES	4,040.00	22,040.00	27,000.00	4,960.00	81.6
01-310-4003 WAGES - PART TIME	.00	.00	4,500.00	4,500.00	.0
01-310-4200 SOCIAL SECURITY	139.50	1,255.50	1,960.00	704.50	64.1
01-310-4210 MEDICARE	32.66	293.52	460.00	166.48	63.8
01-310-5100 PROFESSIONAL SERVICES	165.50	165.50	1,500.00	1,334.50	11.0
01-310-5300 ALDERMANIC EXPENSES	1,000.00	2,012.26	4,300.00	2,287.74	46.8
01-310-5310 MEMBERSHIPS	250.00	11,207.22	12,600.00	1,392.78	89.0
01-310-5330 TRAINING	.00	.00	400.00	400.00	.0
01-310-5610 EQUIP MAINTENANCE - NRC	.00	.00	250.00	250.00	.0
01-310-5650 LANDSCAPE SUPPLIES - NRC	.00	.00	1,050.00	1,050.00	.0
01-310-5950 SPECIAL EVENTS	30.93	31,377.22	22,000.00	(9,377.22)	142.6
01-310-7020 EQUIPMENT	76.07	2,083.83	14,890.00	12,806.17	14.0
TOTAL CITY COUNCIL & BOARDS	5,734.66	70,435.05	90,910.00	20,474.95	77.5

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

GENERAL FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
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ADMINISTRATION

01-320-4000 WAGES	24,342.87	223,951.05	317,120.00	93,168.95	70.6
01-320-4003 WAGES - PART-TIME	1,900.76	30,782.77	29,770.00	(1,012.77)	103.4
01-320-4010 OVERTIME	.00	420.75	.00	(420.75)	.0
01-320-4100 HEALTH INSURANCE	1,539.50	12,316.00	24,230.00	11,914.00	50.8
01-320-4110 LIFE INSURANCE	45.38	180.89	250.00	69.11	72.4
01-320-4200 SOCIAL SECURITY	1,606.18	13,669.43	21,510.00	7,840.57	63.6
01-320-4210 MEDICARE	375.62	3,646.10	5,030.00	1,383.90	72.5
01-320-4220 IMRF	3,034.00	25,250.09	40,200.00	14,949.91	62.8
01-320-5100 PROFESSIONAL SERVICES	103.00	15,411.75	25,000.00	9,588.25	61.7
01-320-5105 PROFESSIONAL FEES - ENGR	3,896.00	65,678.93	46,000.00	(19,678.93)	142.8
01-320-5106 PROFESSIONAL FEES - GOV IT SYS	220.00	13,830.00	21,000.00	7,170.00	65.9
01-320-5107 PROFESSIONAL FEES - REIMB	462.00	2,862.50	7,000.00	4,137.50	40.9
01-320-5130 COMPUTER CONSULTANT	4,590.00	30,856.00	60,000.00	29,144.00	51.4
01-320-5200 POSTAGE	2,218.83	6,491.54	14,000.00	7,508.46	46.4
01-320-5220 PHOTOCOPY	2,105.66	16,579.96	19,000.00	2,420.04	87.3
01-320-5221 PRINTING	2,611.20	13,092.79	15,000.00	1,907.21	87.3
01-320-5222 LEGAL NOTICES	.00	1,434.57	2,000.00	565.43	71.7
01-320-5230 WEBSITE	.00	6,895.14	6,500.00	(395.14)	106.1
01-320-5310 MEMBERSHIPS	.00	1,898.00	2,200.00	302.00	86.3
01-320-5330 TRAINING	.00	40.00	3,500.00	3,460.00	1.1
01-320-5410 UTILITIES	4,872.66	39,819.09	61,500.00	21,680.91	64.8
01-320-5430 CREDIT CARD & BANK CHARGES	168.96	2,830.19	11,000.00	8,169.81	25.7
01-320-5500 LIABILITY INSURANCE	9,351.39	68,945.07	36,700.00	(32,245.07)	187.9
01-320-5501 INSURANCE DEDUCTIBLES	.00	.00	12,500.00	12,500.00	.0
01-320-5530 WORKERS COMPENSATION INSURANCE	255.52	3,179.22	3,400.00	220.78	93.5
01-320-5700 OFFICE SUPPLIES	1,548.21	6,112.45	12,000.00	5,887.55	50.9
01-320-5710 OPERATING SUPPLIES	.00	130.27	.00	(130.27)	.0
01-320-5751 GASOLINE	.00	.00	300.00	300.00	.0
01-320-5820 PUBLICATIONS	744.60	744.60	.00	(744.60)	.0
01-320-5951 EMPLOYEE RECOGNITION	340.47	340.47	.00	(340.47)	.0
01-320-7020 EQUIPMENT	149.99	4,958.48	28,750.00	23,791.52	17.3
 TOTAL ADMINISTRATION	 66,482.80	 612,348.10	 825,460.00	 213,111.90	 74.2

FINANCE

01-322-5101 AUDIT & FINANCE FEES	13,800.00	110,178.00	185,000.00	74,822.00	59.6
01-322-5310 MEMBERSHIPS	.00	.00	850.00	850.00	.0
01-322-5540 PAYROLL SERVICE FEES	.00	2,851.50	6,200.00	3,348.50	46.0
01-322-5541 ACCTG SERVICE FEES	1,420.80	5,436.90	4,500.00	(936.90)	120.8
 TOTAL FINANCE	 15,220.80	 118,466.40	 196,550.00	 78,083.60	 60.3

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

GENERAL FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>LEGAL</u>					
01-324-5120 CITY ATTORNEY	24,063.00	200,856.36	120,000.00	(80,856.36)	167.4
01-324-5121 HOUSING ATTORNEY	.00	.00	13,200.00	13,200.00	.0
01-324-5122 CITY PROSECUTOR	8,837.50	25,847.50	30,000.00	4,152.50	86.2
01-324-5123 LABOR ATTORNEY	.00	7,348.50	50,000.00	42,651.50	14.7
01-324-5125 OUTSIDE COUNSEL	1,800.00	1,800.00	10,000.00	8,200.00	18.0
TOTAL LEGAL	34,700.50	235,852.36	223,200.00	(12,652.36)	105.7

BUILDING DEPARTMENT

01-340-4000 WAGES	23,809.60	218,784.50	309,370.00	90,585.50	70.7
01-340-4100 HEALTH INSURANCE	4,840.00	38,720.00	55,660.00	16,940.00	69.6
01-340-4110 LIFE INSURANCE	65.70	295.52	400.00	104.48	73.9
01-340-4200 SOCIAL SECURITY	1,434.96	13,220.67	19,190.00	5,969.33	68.9
01-340-4210 MEDICARE	335.61	3,091.98	4,490.00	1,398.02	68.9
01-340-4220 IMRF	2,942.88	25,269.89	39,210.00	13,940.11	64.5
01-340-5100 PROFESSIONAL SERVICES	4,398.29	51,571.57	62,300.00	10,728.43	82.8
01-340-5111 BILLABLE ENGINEERING	.00	4,033.50	12,000.00	7,966.50	33.6
01-340-5221 PRINTING	598.00	1,074.70	2,000.00	925.30	53.7
01-340-5222 LEGAL NOTICES	917.26	2,661.61	2,000.00	(661.61)	133.1
01-340-5310 MEMBERSHIPS	.00	540.00	920.00	380.00	58.7
01-340-5330 TRAINING	115.00	554.00	4,500.00	3,946.00	12.3
01-340-5500 LIABILITY INSURANCE	.00	922.28	1,000.00	77.72	92.2
01-340-5530 WORKERS COMPENSATION INSURANCE	295.66	3,468.70	3,900.00	431.30	88.9
01-340-5700 OFFICE SUPPLIES	684.48	1,624.10	3,500.00	1,875.90	46.4
01-340-5751 GASOLINE	.00	248.24	4,320.00	4,071.76	5.8
01-340-5820 PUBLICATIONS	.00	.00	2,000.00	2,000.00	.0
01-340-7020 EQUIPMENT	(893.91)	584.78	9,600.00	9,015.22	6.1
TOTAL BUILDING DEPARTMENT	39,543.53	366,666.04	536,360.00	169,693.96	68.4

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

GENERAL FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>PUBLIC WORKS</u>					
01-350-4000 WAGES	29,622.40	276,175.22	395,700.00	119,524.78	69.8
01-350-4001 ALLOCATED WAGES & BENEFITS	(8,250.00)	(32,250.00)	(45,000.00)	(12,750.00)	(71.7)
01-350-4003 WAGES - PART-TIME	.00	6,468.00	10,560.00	4,092.00	61.3
01-350-4010 OVERTIME	1,472.18	17,660.04	40,000.00	22,339.96	44.2
01-350-4100 HEALTH INSURANCE	10,262.00	88,126.00	115,500.00	27,374.00	76.3
01-350-4110 LIFE INSURANCE	82.50	371.25	500.00	128.75	74.3
01-350-4200 SOCIAL SECURITY	1,899.74	18,383.14	27,630.00	9,246.86	66.5
01-350-4210 MEDICARE	444.30	4,299.20	6,460.00	2,160.80	66.6
01-350-4220 IMRF	4,188.56	33,512.69	55,130.00	21,617.31	60.8
01-350-5000 BUILDING MAINTENANCE	(522.29)	.00	.00	.00	.0
01-350-5020 VEHICLE MAINTENANCE	4,781.40	21,475.31	50,000.00	28,524.69	43.0
01-350-5031 SIGNAL MAINTENANCE	.00	6,859.80	36,000.00	29,140.20	19.1
01-350-5100 PROFESSIONAL SERVICES	1,130.12	5,924.46	15,000.00	9,075.54	39.5
01-350-5103 PROF SERVICES - FORESTRY	.00	20,128.52	63,800.00	43,671.48	31.6
01-350-5104 PROF SERVICES - BUILDING MAIN	2,797.83	18,768.85	76,000.00	57,231.15	24.7
01-350-5106 PROF SERVICES - STREETS/DRAIN	.00	.00	75,000.00	75,000.00	.0
01-350-5310 MEMBERSHIPS	.00	47.40	4,500.00	4,452.60	1.1
01-350-5330 TRAINING	.00	1,126.17	4,500.00	3,373.83	25.0
01-350-5410 UTILITIES	280.50	2,013.30	.00	(2,013.30)	.0
01-350-5411 WATER AND ELECTRIC PURCHASES	867.59	6,970.68	11,000.00	4,029.32	63.4
01-350-5421 DUMP CHARGES	.00	.00	4,000.00	4,000.00	.0
01-350-5441 LICENSES	.00	.00	500.00	500.00	.0
01-350-5500 LIABILITY INSURANCE PREMIUM	.00	71,516.68	49,100.00	(22,416.68)	145.7
01-350-5510 RENTAL EQUIPMENT	.00	722.12	4,000.00	3,277.88	18.1
01-350-5530 WORKERS COMPENSATION INSURANCE	1,249.11	17,375.97	16,500.00	(875.97)	105.3
01-350-5610 EQUIPMENT MAINTENANCE	.00	1,561.77	5,000.00	3,438.23	31.2
01-350-5634 STONE & CONCRETE	.00	1,759.94	5,000.00	3,240.06	35.2
01-350-5635 STORM SEWER & PIPE	.00	813.86	10,000.00	9,186.14	8.1
01-350-5650 LANDSCAPE SUPPLIES	493.99	1,700.35	15,000.00	13,299.65	11.3
01-350-5700 OFFICE SUPPLIES	36.99	401.34	1,500.00	1,098.66	26.8
01-350-5710 OPERATING SUPPLIES	916.14	9,899.28	30,000.00	20,100.72	33.0
01-350-5721 SIGNS	456.70	6,554.87	30,000.00	23,445.13	21.9
01-350-5730 TOOLS	.00	399.46	5,500.00	5,100.54	7.3
01-350-5751 GASOLINE	3,659.31	18,003.01	20,000.00	1,996.99	90.0
01-350-5820 PUBLICATIONS	(325.00)	.00	.00	.00	.0
01-350-7011 IMPROVEMENTS - PW	.00	22,931.00	27,000.00	4,069.00	84.9
01-350-7020 EQUIPMENT	.00	5,928.00	7,500.00	1,572.00	79.0
01-350-7021 RADIO EQUIPMENT	.00	149.97	600.00	450.03	25.0
01-350-7023 SAFETY EQUIPMENT	457.32	2,290.48	5,000.00	2,709.52	45.8
01-350-7025 SOFTWARE	.00	.00	14,000.00	14,000.00	.0
TOTAL PUBLIC WORKS	56,001.39	658,068.13	1,192,480.00	534,411.87	55.2

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

GENERAL FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
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PUBLIC SAFETY

01-360-4000	WAGES	66,235.98	408,841.97	575,470.00	166,628.03	71.0
01-360-4001	WAGES - SWORN OFFICERS	127,634.06	1,275,011.33	1,864,290.00	589,278.67	68.4
01-360-4002	WAGES - EXTRA STRAIGHT PAY	6,535.17	30,583.15	46,375.00	15,791.85	66.0
01-360-4004	WAGES - PART-TIME SWORN OFFCRS	8,463.50	76,347.68	122,500.00	46,152.32	62.3
01-360-4010	OVERTIME	93.33	874.16	2,500.00	1,625.84	35.0
01-360-4011	OVERTIME - SWORN OFFICERS	12,036.29	120,143.85	140,000.00	19,856.15	85.8
01-360-4100	HEALTH INSURANCE	35,729.16	309,418.60	465,850.00	156,431.40	66.4
01-360-4110	LIFE INSURANCE	442.16	1,933.53	2,660.00	726.47	72.7
01-360-4120	UNEMPLOYMENT INSURANCE	.00	11,953.83	.00	(11,953.83)	.0
01-360-4200	SOCIAL SECURITY	1,816.59	16,342.19	25,725.00	9,382.81	63.5
01-360-4210	MEDICARE	2,841.52	26,761.94	39,465.00	12,703.06	67.8
01-360-4220	IMRF	1,625.04	14,240.26	28,690.00	14,449.74	49.6
01-360-4230	PENSION CONTRIBUTION - R/E TAX	680.93	161,795.09	350,000.00	188,204.91	46.2
01-360-4231	PENSION CONTRIBUTION-CITY GF	.00	.00	447,149.00	447,149.00	.0
01-360-5100	PROFESSIONAL SERVICES	4,024.06	12,501.98	23,700.00	11,198.02	52.8
01-360-5101	PROFESSIONAL FEES - VOCA	13,347.34	53,389.36	80,100.00	26,710.64	66.7
01-360-5140	PRISONERS CARE	116.78	594.29	2,500.00	1,905.71	23.8
01-360-5141	KENNEL FEES	119.73	1,598.67	4,000.00	2,401.33	40.0
01-360-5200	POSTAGE	68.08	1,199.92	3,000.00	1,800.08	40.0
01-360-5221	PRINTING	618.00	2,722.80	5,000.00	2,277.20	54.5
01-360-5240	NORTHWEST CENTRAL DISPATCH	21,593.31	215,623.76	260,811.00	45,187.24	82.7
01-360-5310	MEMBERSHIPS	1,490.00	45,628.00	50,100.00	4,472.00	91.1
01-360-5321	AUTO EXPENSE	140.50	1,135.45	2,500.00	1,364.55	45.4
01-360-5330	TRAINING	14,536.20	22,640.53	26,900.00	4,259.47	84.2
01-360-5340	TUITION REIMBURSEMENT	.00	.00	8,000.00	8,000.00	.0
01-360-5410	UTILITIES	354.56	3,538.47	.00	(3,538.47)	.0
01-360-5500	LIABILITY INSURANCE PREMIUM	.00	75,454.00	46,400.00	(29,054.00)	162.6
01-360-5510	RENTAL EQUIPMENT	.00	312.03	620.00	307.97	50.3
01-360-5520	ID NETWORKS	.00	13,247.00	25,000.00	11,753.00	53.0
01-360-5530	WORKERS COMPENSATION INSURANCE	8,463.95	81,323.33	111,600.00	30,276.67	72.9
01-360-5610	EQUIPMENT MAINTENANCE	570.17	11,510.86	16,500.00	4,989.14	69.8
01-360-5611	RADIO MAINTENANCE	6.50	643.26	1,000.00	356.74	64.3
01-360-5700	OFFICE SUPPLIES	1,008.21	4,188.14	7,500.00	3,311.86	55.8
01-360-5710	OPERATING SUPPLIES	803.90	3,970.79	11,200.00	7,229.21	35.5
01-360-5740	RANGE SUPPLIES	.00	3,238.40	7,650.00	4,411.60	42.3
01-360-5741	CLOTHING	5,825.09	16,439.59	25,700.00	9,260.41	64.0
01-360-5751	GASOLINE	.00	27,455.77	50,000.00	22,544.23	54.9
01-360-5820	PUBLICATIONS	128.80	385.20	1,060.00	674.80	36.3
01-360-7022	POLICE TECH/SAFETY SUPPLIES	961.21	7,459.32	15,205.00	7,745.68	49.1

	TOTAL PUBLIC SAFETY	338,310.12	3,060,448.50	4,896,720.00	1,836,271.50	62.5
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PUBLIC SAFETY-SPECIAL ACCT EXP

01-365-5981	DUI EXPENSE	115.00	2,089.33	20,000.00	17,910.67	10.5
01-365-5982	NARCOTICS EXPENSE	.00	700.00	.00	(700.00)	.0
01-365-5983	SEIZED ASSET - EXPENSE	.00	10,356.76	.00	(10,356.76)	.0

	TOTAL PUBLIC SAFETY-SPECIAL ACCT EXP	115.00	13,146.09	20,000.00	6,853.91	65.7
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CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REIMBURSABLE EXP</u>					
01-370-4101	RETIREE HEALTH INSURANCE	4,903.67	33,576.67	80,039.00	46,462.33	42.0
01-370-5102	GRANT WRITER	.00	10,000.00	20,750.00	10,750.00	48.2
01-370-5751	GASOLINE	.00	6,601.43	6,000.00	(601.43)	110.0
	TOTAL REIMBURSABLE EXP	4,903.67	50,178.10	106,789.00	56,610.90	47.0
	<u>OTHER EXPENSES</u>					
01-380-5970	REFUNDS	.00	6.48	2,000.00	1,993.52	.3
01-380-5975	SALES TAX REBATE	.00	68,285.71	168,000.00	99,714.29	40.7
01-380-5999	MISCELLANEOUS EXPENSE	.00	.00	1,500.00	1,500.00	.0
	TOTAL OTHER EXPENSES	.00	68,292.19	171,500.00	103,207.81	39.8
	<u>GRANTS</u>					
01-390-5900	GRANT - GENERAL EXPENSE	.00	.00	1,500.00	1,500.00	.0
01-390-5915	GRANT - DECO LIGHTING	8,569.72	8,569.72	.00	(8,569.72)	.0
01-390-5947	GRANT-POLICE TOBACCO EXPENSE	.00	50.00	.00	(50.00)	.0
	TOTAL GRANTS	8,569.72	8,619.72	1,500.00	(7,119.72)	574.7
	<u>DEBT SERVICE</u>					
01-400-6000	PRINCIPAL	.00	145,000.00	145,000.00	.00	100.0
01-400-6010	INTEREST	.00	41,938.26	41,972.00	33.74	99.9
	TOTAL DEBT SERVICE	.00	186,938.26	186,972.00	33.74	100.0
	TOTAL FUND EXPENDITURES	569,582.19	5,449,458.94	8,448,441.00	2,998,982.06	64.5
	NET REVENUE OVER EXPENDITURES	217,673.63	545,148.30	128,119.16	(417,029.14)	425.5

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

MOTOR FUEL TAX FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
11-100-3800	INTEREST INCOME	3,342.40	23,315.64	5,000.00	(18,315.64)	466.3
	TOTAL REVENUES	3,342.40	23,315.64	5,000.00	(18,315.64)	466.3
	<u>INTERGOVERNMENTAL REVENUES</u>					
11-110-3120	MOTOR FUEL TAX	35,307.48	315,863.57	415,000.00	99,136.43	76.1
	TOTAL INTERGOVERNMENTAL REVENUES	35,307.48	315,863.57	415,000.00	99,136.43	76.1
	TOTAL FUND REVENUE	38,649.88	339,179.21	420,000.00	80,820.79	80.8

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

MOTOR FUEL TAX FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>EXPENSES</u>					
11-300-5632	ICE CONTROL MAINTENANCE	.00	.00	50,000.00	50,000.00	.0
	TOTAL EXPENSES	.00	.00	50,000.00	50,000.00	.0
	TOTAL FUND EXPENDITURES	.00	.00	50,000.00	50,000.00	.0
	NET REVENUE OVER EXPENDITURES	38,649.88	339,179.21	370,000.00	30,820.79	91.7

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

PALATINE/MILWAUKEE TIF FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
12-100-3000	REAL ESTATE TAXES	421.29	516,290.23	670,000.00	153,709.77	77.1
12-100-3800	INTEREST INCOME	205.45	1,825.68	.00	(1,825.68)	.0
12-100-3899	MISCELLANEOUS INCOME	.00	64.37	.00	(64.37)	.0
	TOTAL REVENUES	626.74	518,180.28	670,000.00	151,819.72	77.3
	TOTAL FUND REVENUE	626.74	518,180.28	670,000.00	151,819.72	77.3

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

PALATINE/MILWAUKEE TIF FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>EXPENSES</u>					
12-300-5100	PROFESSIONAL SERVICES	.00	3,310.00	.00	(3,310.00)	.0
12-300-5101	AUDIT	.00	2,396.00	1,500.00	(896.00)	159.7
12-300-5430	BANK FEES	.00	.00	750.00	750.00	.0
	TOTAL EXPENSES	.00	5,706.00	2,250.00	(3,456.00)	253.6
	<u>DEPARTMENT 500</u>					
12-500-7011	BUILDING IMPROVEMENTS	5,045.00	5,045.00	.00	(5,045.00)	.0
	TOTAL DEPARTMENT 500	5,045.00	5,045.00	.00	(5,045.00)	.0
	TOTAL FUND EXPENDITURES	5,045.00	10,751.00	2,250.00	(8,501.00)	477.8
	NET REVENUE OVER EXPENDITURES	(4,418.26)	507,429.28	667,750.00	160,320.72	76.0

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

TOURISM DISTRICT

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
13-100-3020	HOTEL TAXES	35,994.56	676,855.43	845,000.00	168,144.57	80.1
13-100-3800	INTEREST INCOME	133.13	990.80	125.00	(865.80)	792.6
	TOTAL REVENUES	36,127.69	677,846.23	845,125.00	167,278.77	80.2
	TOTAL FUND REVENUE	36,127.69	677,846.23	845,125.00	167,278.77	80.2

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

TOURISM DISTRICT

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>EXPENSES</u>					
13-300-5100	PROFESSIONAL SERVICES	1,995.00	4,090.00	.00	(4,090.00)	.0
13-300-5101	AUDIT	.00	2,995.00	3,000.00	5.00	99.8
13-300-5108	BEAUTIFICATION	439.51	60,895.88	103,500.00	42,604.12	58.8
13-300-5310	MEMBERSHIPS	.00	55,620.00	63,000.00	7,380.00	88.3
13-300-5401	SERVICE CHARGE - GENERAL FUND	5,833.33	52,499.97	70,000.00	17,500.03	75.0
13-300-5920	GRANT - HOTELS	.00	188,294.25	288,650.00	100,355.75	65.2
	TOTAL EXPENSES	8,267.84	364,395.10	528,150.00	163,754.90	69.0
	<u>OTHER FINANCING USES</u>					
13-600-8090	INTERFUND TRANSFER OUT	72,162.50	516,487.50	288,650.00	(227,837.50)	178.9
	TOTAL OTHER FINANCING USES	72,162.50	516,487.50	288,650.00	(227,837.50)	178.9
	TOTAL FUND EXPENDITURES	80,430.34	880,882.60	816,800.00	(64,082.60)	107.9
	NET REVENUE OVER EXPENDITURES	(44,302.65)	(203,036.37)	28,325.00	231,361.37	(716.8)

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

DEA SEIZURE FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
16-100-3551	POLICE REVENUE-TASK FORCE	.00	21,066.82	.00	(21,066.82)	.0
16-100-3800	INTEREST INCOME	224.75	2,024.13	.00	(2,024.13)	.0
	TOTAL REVENUES	224.75	23,090.95	.00	(23,090.95)	.0
	TOTAL FUND REVENUE	224.75	23,090.95	.00	(23,090.95)	.0

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

DEA SEIZURE FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>EXPENSES</u>					
16-300-5100	PROFESSIONAL SERVICES	.00	.00	10,000.00	10,000.00	.0
16-300-5310	MEMBERSHIP	.00	659.25	4,000.00	3,340.75	16.5
16-300-5330	TRAINING	.00	.00	4,500.00	4,500.00	.0
16-300-5610	EQUIPMENT MAINTENANCE	.00	4,800.00	50,000.00	45,200.00	9.6
16-300-5710	OPERATING SUPPLIES	.00	.00	9,000.00	9,000.00	.0
16-300-7022	POLICE EQUIPMENT	2,569.60	3,110.05	.00	(3,110.05)	.0
	TOTAL EXPENSES	2,569.60	8,569.30	77,500.00	68,930.70	11.1
	<u>CAPITAL OUTLAY GENERAL</u>					
16-500-7020	EQUIPMENT - CAPITAL	6,998.00	19,176.09	60,000.00	40,823.91	32.0
	TOTAL CAPITAL OUTLAY GENERAL	6,998.00	19,176.09	60,000.00	40,823.91	32.0
	TOTAL FUND EXPENDITURES	9,567.60	27,745.39	137,500.00	109,754.61	20.2
	NET REVENUE OVER EXPENDITURES	(9,342.85)	(4,654.44)	(137,500.00)	(132,845.56)	(3.4)

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

SOLID WASTE DISPOSAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
17-100-3355	SOLID WASTE FEES	.00	312,666.56	475,000.00	162,333.44	65.8
17-100-3800	INTEREST INCOME	201.85	1,783.19	2,500.00	716.81	71.3
	TOTAL REVENUES	201.85	314,449.75	477,500.00	163,050.25	65.9
	TOTAL FUND REVENUE	201.85	314,449.75	477,500.00	163,050.25	65.9

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

SOLID WASTE DISPOSAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	EXPENSES					
17-300-5401	SERVICE CHARGE - GENERAL FUND	10,250.00	92,250.00	123,000.00	30,750.00	75.0
17-300-5420	SWANCC CHARGES	27,484.34	274,908.32	327,726.00	52,817.68	83.9
	TOTAL EXPENSES	37,734.34	367,158.32	450,726.00	83,567.68	81.5
	TOTAL FUND EXPENDITURES	37,734.34	367,158.32	450,726.00	83,567.68	81.5
	NET REVENUE OVER EXPENDITURES	(37,532.49)	(52,708.57)	26,774.00	79,482.57	(196.9)

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

PALATINE ROAD TIF FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
18-100-3000	REAL ESTATE TAXES	.00	9,829.80	150,000.00	140,170.20	6.6
18-100-3800	INTEREST INCOME	43.99	389.74	100.00	(289.74)	389.7
	TOTAL REVENUES	43.99	10,219.54	150,100.00	139,880.46	6.8
	TOTAL FUND REVENUE	43.99	10,219.54	150,100.00	139,880.46	6.8

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

PALATINE ROAD TIF FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>EXPENSES</u>					
18-300-5100	PROFESSIONAL SERVICES	.00	3,917.00	.00	(3,917.00)	.0
18-300-5101	AUDIT	.00	2,396.00	1,500.00	(896.00)	159.7
	TOTAL EXPENSES	.00	6,313.00	1,500.00	(4,813.00)	420.9
	<u>CAPITAL OUTLAY</u>					
18-500-7011	BUILDING IMPROVEMENTS	.00	.00	288,625.00	288,625.00	.0
	TOTAL CAPITAL OUTLAY	.00	.00	288,625.00	288,625.00	.0
	TOTAL FUND EXPENDITURES	.00	6,313.00	290,125.00	283,812.00	2.2
	NET REVENUE OVER EXPENDITURES	43.99	3,906.54	(140,025.00)	(143,931.54)	2.8

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

SSA #1

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
21-100-3000	REAL ESTATE TAXES	.00	97.68	.00	(97.68)	.0
21-100-3800	INTEREST INCOME	8.13	72.26	.00	(72.26)	.0
	TOTAL REVENUES	8.13	169.94	.00	(169.94)	.0
	TOTAL FUND REVENUE	8.13	169.94	.00	(169.94)	.0
	NET REVENUE OVER EXPENDITURES	8.13	169.94	.00	(169.94)	.0

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

SSA #2

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
22-100-3800	INTEREST INCOME	22.57	202.67	.00	(202.67)	.0
	TOTAL REVENUES	22.57	202.67	.00	(202.67)	.0
	TOTAL FUND REVENUE	22.57	202.67	.00	(202.67)	.0

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

SSA #2

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>EXPENSES</u>					
22-300-5100 PROFESSIONAL SERVICES	.00	.00	38,153.00	38,153.00	.0
TOTAL EXPENSES	.00	.00	38,153.00	38,153.00	.0
TOTAL FUND EXPENDITURES	.00	.00	38,153.00	38,153.00	.0
NET REVENUE OVER EXPENDITURES	22.57	202.67	(38,153.00)	(38,355.67)	.5

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

SSA #3

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
23-100-3000	REAL ESTATE TAXES	.00	109.37	.00	(109.37)	.0
23-100-3800	INTEREST INCOME	128.79	1,147.89	.00	(1,147.89)	.0
	TOTAL REVENUES	128.79	1,257.26	.00	(1,257.26)	.0
	TOTAL FUND REVENUE	128.79	1,257.26	.00	(1,257.26)	.0

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

SSA #3

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>EXPENSES</u>					
23-300-5100 PROFESSIONAL SERVICES	.00	.00	328,265.00	328,265.00	.0
TOTAL EXPENSES	.00	.00	328,265.00	328,265.00	.0
TOTAL FUND EXPENDITURES	.00	.00	328,265.00	328,265.00	.0
NET REVENUE OVER EXPENDITURES	128.79	1,257.26	(328,265.00)	(329,522.26)	.4

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

SSA #4

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>REVENUES</u>					
24-100-3800 INTEREST INCOME	18.80	169.38	.00	(169.38)	.0
TOTAL REVENUES	18.80	169.38	.00	(169.38)	.0
TOTAL FUND REVENUE	18.80	169.38	.00	(169.38)	.0

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

SSA #4

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>EXPENSES</u>					
24-300-5100 PROFESSIONAL SERVICES	.00	.00	36,719.00	36,719.00	.0
TOTAL EXPENSES	.00	.00	36,719.00	36,719.00	.0
TOTAL FUND EXPENDITURES	.00	.00	36,719.00	36,719.00	.0
NET REVENUE OVER EXPENDITURES	18.80	169.38	(36,719.00)	(36,888.38)	.5

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

SSA #5

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
25-100-3000	REAL ESTATE TAXES	.00	1,255.67	25,000.00	23,744.33	5.0
25-100-3800	INTEREST INCOME	43.18	401.04	275.00	(126.04)	145.8
	TOTAL REVENUES	43.18	1,656.71	25,275.00	23,618.29	6.6
	TOTAL FUND REVENUE	43.18	1,656.71	25,275.00	23,618.29	6.6

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

SSA #5

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>EXPENSES</u>					
25-300-5050	SYSTEM MAINTENANCE	.00	2,517.81	9,000.00	6,482.19	28.0
25-300-5100	PROFESSIONAL SERVICES	.00	570.00	25,000.00	24,430.00	2.3
25-300-5500	LIABILITY INSURANCE	.00	1,191.36	.00	(1,191.36)	.0
	TOTAL EXPENSES	.00	4,279.17	34,000.00	29,720.83	12.6
	TOTAL FUND EXPENDITURES	.00	4,279.17	34,000.00	29,720.83	12.6
	NET REVENUE OVER EXPENDITURES	43.18	(2,622.46)	(8,725.00)	(6,102.54)	(30.1)

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

SSA #8

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
28-100-3000	REAL ESTATE TAXES	318.68	13,427.53	125,161.00	111,733.47	10.7
28-100-3800	INTEREST INCOME	93.30	1,049.45	750.00	(299.45)	139.9
	TOTAL REVENUES	411.98	14,476.98	125,911.00	111,434.02	11.5
	TOTAL FUND REVENUE	411.98	14,476.98	125,911.00	111,434.02	11.5

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

SSA #8

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>EXPENSES</u>					
28-300-5100	PROFESSIONAL SERVICES	.00	635.54	23,000.00	22,364.46	2.8
28-300-5500	LIABILITY INSURANCE	.00	1,783.93	.00	(1,783.93)	.0
28-300-7020	EQUIPMENT	.00	327.63	.00	(327.63)	.0
	TOTAL EXPENSES	.00	2,747.10	23,000.00	20,252.90	11.9
	<u>DEPARTMENT 400</u>					
28-400-6000	PRINCIPAL	.00	.00	100,000.00	100,000.00	.0
28-400-6010	INTEREST	.00	.00	2,000.00	2,000.00	.0
	TOTAL DEPARTMENT 400	.00	.00	102,000.00	102,000.00	.0
	TOTAL FUND EXPENDITURES	.00	2,747.10	125,000.00	122,252.90	2.2
	NET REVENUE OVER EXPENDITURES	411.98	11,729.88	911.00	(10,818.88)	1287.6

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

CAPITAL IMPROVEMENTS

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
30-200-3990	INTERFUND TRANSFER IN	.00	300,000.00	.00	(300,000.00)	.0
	TOTAL DEPARTMENT 200	.00	300,000.00	.00	(300,000.00)	.0
	TOTAL FUND REVENUE	.00	300,000.00	.00	(300,000.00)	.0

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

CAPITAL IMPROVEMENTS

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
30-550-7020 EQUIPMENT - PW	.00	21,762.00	103,000.00	81,238.00	21.1
30-550-7021 EQUIPMENT - INFO TECH	.00	.00	43,750.00	43,750.00	.0
30-550-7040 VEHICLES - PS	.00	36,960.25	64,000.00	27,039.75	57.8
30-550-7048 STREETS - TOURISM - APPLE DR	.00	64,545.58	.00 (	64,545.58)	.0
30-550-7049 STREETS - TOURISM - WINKELMAN	.00	88,723.83	.00 (	88,723.83)	.0
30-550-7050 STREET RESURFACING	1,587.00	864,681.64	1,731,720.00	867,038.36	49.9
30-550-7051 ROAD PROGRAM - 2018	3,528.00	77,688.10	.00 (	77,688.10)	.0
30-550-7060 SIDEWALKS	20,309.50	64,062.46	79,279.00	15,216.54	80.8
30-550-7063 DRAINAGE IMPROVEMENTS	2,835.00	7,523.00	232,000.00	224,477.00	3.2
30-550-7064 DRAINAGE IMPR - WILLOW RD	15,673.60	20,878.60	.00 (	20,878.60)	.0
TOTAL DEPARTMENT 550	43,933.10	1,246,825.46	2,253,749.00	1,006,923.54	55.3
TOTAL FUND EXPENDITURES	43,933.10	1,246,825.46	2,253,749.00	1,006,923.54	55.3
NET REVENUE OVER EXPENDITURES	(43,933.10)	(946,825.46)	(2,253,749.00)	(1,306,923.54)	(42.0)

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

ROAD CONSTRUCTION DEBT

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
41-100-3000	REAL ESTATE TAXES	2,722.76	612,123.94	1,298,705.00	686,581.06	47.1
41-100-3800	INTEREST INCOME	506.52	4,646.81	2,500.00	(2,146.81)	185.9
	TOTAL REVENUES	<u>3,229.28</u>	<u>616,770.75</u>	<u>1,301,205.00</u>	<u>684,434.25</u>	<u>47.4</u>
	TOTAL FUND REVENUE	<u>3,229.28</u>	<u>616,770.75</u>	<u>1,301,205.00</u>	<u>684,434.25</u>	<u>47.4</u>

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

ROAD CONSTRUCTION DEBT

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>EXPENSES</u>					
41-300-5101	AUDIT	.00	1,497.50	1,500.00	2.50	99.8
41-300-5430	BANK FEES	.00	1,000.00	850.00	(150.00)	117.7
	TOTAL EXPENSES	.00	2,497.50	2,350.00	(147.50)	106.3
	<u>DEBT SERVICE</u>					
41-400-6000	PRINCIPAL	.00	1,020,000.00	1,020,000.00	.00	100.0
41-400-6010	INTEREST	.00	278,785.00	278,785.00	.00	100.0
	TOTAL DEBT SERVICE	.00	1,298,785.00	1,298,785.00	.00	100.0
	TOTAL FUND EXPENDITURES	.00	1,301,282.50	1,301,135.00	(147.50)	100.0
	NET REVENUE OVER EXPENDITURES	3,229.28	(684,511.75)	70.00	684,581.75	(97787

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

SSA #6 DEBT

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
46-100-3000	REAL ESTATE TAXES	760.59	107,214.62	237,142.00	129,927.38	45.2
46-100-3800	INTEREST INCOME	93.56	625.97	500.00	(125.97)	125.2
	TOTAL REVENUES	854.15	107,840.59	237,642.00	129,801.41	45.4
	<u>DEPARTMENT 160</u>					
46-160-3899	MISC OTHER INCOME	.00	5,834.71	.00	(5,834.71)	.0
	TOTAL DEPARTMENT 160	.00	5,834.71	.00	(5,834.71)	.0
	TOTAL FUND REVENUE	854.15	113,675.30	237,642.00	123,966.70	47.8

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

SSA #6 DEBT

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>DEBT SERVICE</u>					
46-400-6000	PRINCIPAL	.00	125,000.00	125,000.00	.00	100.0
46-400-6010	INTEREST	.00	112,142.50	112,142.00	(.50)	100.0
	TOTAL DEBT SERVICE	.00	237,142.50	237,142.00	(.50)	100.0
	TOTAL FUND EXPENDITURES	.00	237,142.50	237,142.00	(.50)	100.0
	NET REVENUE OVER EXPENDITURES	854.15	(123,467.20)	500.00	123,967.20	(24693

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

WATER FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
51-100-3800	INTEREST INCOME	3,474.54	26,554.31	7,500.00	(19,054.31)	354.1
51-100-3880	WATER SALES	20,656.23	221,537.59	257,000.00	35,462.41	86.2
51-100-3881	WATER DELIVERY CHARGE	31,112.69	273,956.94	370,000.00	96,043.06	74.0
51-100-3882	WATER INFRASTRUCTURE RESERVE	12,605.53	113,231.19	150,000.00	36,768.81	75.5
51-100-3883	WATER DEBT RETIREMENT CHARGE	6,396.18	58,042.89	75,000.00	16,957.11	77.4
51-100-3885	PENALTY	271.94	1,929.35	2,500.00	570.65	77.2
	TOTAL REVENUES	74,517.11	695,252.27	862,000.00	166,747.73	80.7
	TOTAL FUND REVENUE	74,517.11	695,252.27	862,000.00	166,747.73	80.7

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

WATER FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>EXPENSES</u>					
51-300-4000 WAGES	5,574.80	51,710.78	73,200.00	21,489.22	70.6
51-300-4010 OVERTIME	.00	947.11	5,000.00	4,052.89	18.9
51-300-4100 HEALTH INSURANCE	2,076.50	30,177.00	26,800.00	(3,377.00)	112.6
51-300-4110 LIFE INSURANCE	20.62	92.58	150.00	57.42	61.7
51-300-4200 SOCIAL SECURITY	345.64	3,263.34	5,200.00	1,936.66	62.8
51-300-4210 MEDICARE	80.84	763.25	1,250.00	486.75	61.1
51-300-4220 IMRF	723.64	6,115.47	10,600.00	4,484.53	57.7
51-300-5000 BUILDING MAINTENANCE	.00	.00	4,000.00	4,000.00	.0
51-300-5050 SYSTEM MAINTENANCE	.00	17,199.10	56,000.00	38,800.90	30.7
51-300-5100 PROFESSIONAL SERVICES	3,018.28	19,899.47	25,000.00	5,100.53	79.6
51-300-5101 AUDIT	2,475.00	21,817.50	34,500.00	12,682.50	63.2
51-300-5200 POSTAGE	.00	1,898.15	3,100.00	1,201.85	61.2
51-300-5221 PRINTING	480.00	569.42	900.00	330.58	63.3
51-300-5222 LEGAL NOTICES	.00	.00	1,500.00	1,500.00	.0
51-300-5310 MEMBERSHIPS	340.00	1,572.00	1,500.00	(72.00)	104.8
51-300-5330 TRAINING	.00	.00	5,000.00	5,000.00	.0
51-300-5410 UTILITIES	1,800.76	9,562.29	15,000.00	5,437.71	63.8
51-300-5412 WATER	1,147.33	161,922.90	235,000.00	73,077.10	68.9
51-300-5430 CREDIT CARD & BANK CHARGES	.00	6,596.96	7,500.00	903.04	88.0
51-300-5500 LIABILITY INSURANCE	.00	39,921.79	27,600.00	(12,321.79)	144.6
51-300-5530 WORKERS COMPENSATION INSURANCE	217.41	2,570.34	2,900.00	329.66	88.6
51-300-5634 STONE AND CONCRETE	.00	.00	4,000.00	4,000.00	.0
51-300-5661 METERS	.00	3,269.00	2,800.00	(469.00)	116.8
51-300-5710 OPERATING SUPPLIES	.00	1,075.29	10,000.00	8,924.71	10.8
51-300-5750 CHEMICALS	.00	.00	2,000.00	2,000.00	.0
51-300-5751 GASOLINE	.00	.00	2,000.00	2,000.00	.0
51-300-5970 REFUNDS	.00	4.10	.00	(4.10)	.0
TOTAL EXPENSES	18,300.82	380,947.84	562,500.00	181,552.16	67.7
<u>DEBT SERVICE</u>					
51-400-6000 PRINCIPAL	.00	55,000.00	55,000.00	.00	100.0
51-400-6010 INTEREST	.00	21,110.00	21,110.00	.00	100.0
TOTAL DEBT SERVICE	.00	76,110.00	76,110.00	.00	100.0
<u>CAPITAL OUTLAY GENERAL</u>					
51-500-7020 EQUIPMENT	.00	99,495.00	106,000.00	6,505.00	93.9
TOTAL CAPITAL OUTLAY GENERAL	.00	99,495.00	106,000.00	6,505.00	93.9

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

WATER FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>OTHER FINANCING USES</u>					
51-600-8000 DEPRECIATION	33,750.00	101,250.00	135,000.00	33,750.00	75.0
TOTAL OTHER FINANCING USES	33,750.00	101,250.00	135,000.00	33,750.00	75.0
TOTAL FUND EXPENDITURES	52,050.82	657,802.84	879,610.00	221,807.16	74.8
NET REVENUE OVER EXPENDITURES	22,466.29	37,449.43	(17,610.00)	(55,059.43)	212.7

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

PARKING FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>REVENUES</u>					
52-100-3330 PARKING FEES	3,972.16	47,339.22	64,000.00	16,660.78	74.0
TOTAL REVENUES	3,972.16	47,339.22	64,000.00	16,660.78	74.0
TOTAL FUND REVENUE	3,972.16	47,339.22	64,000.00	16,660.78	74.0

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

PARKING FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>EXPENSES</u>					
52-300-4001 ALLOCATED WAGES & BENEFITS	8,250.00	32,250.00	45,000.00	12,750.00	71.7
52-300-5100 PROFESSIONAL SERVICES	.00	150.00	10,200.00	10,050.00	1.5
52-300-5410 UTILITIES	150.65	3,951.36	9,500.00	5,548.64	41.6
52-300-5500 LIABILITY INSURANCE	.00	.00	5,300.00	5,300.00	.0
52-300-5511 FACILITY RENT	.00	39,010.50	21,000.00	(18,010.50)	185.8
52-300-5632 ICE CONTROL MAINTENANCE	.00	400.85	1,200.00	799.15	33.4
52-300-5710 OPERATING SUPPLIES	.00	.00	2,000.00	2,000.00	.0
52-300-5970 REFUNDS	.00	.00	250.00	250.00	.0
TOTAL EXPENSES	8,400.65	75,762.71	94,450.00	18,687.29	80.2
<u>OTHER FINANCING USES</u>					
52-600-8000 DEPRECIATION	8,000.00	24,000.00	32,000.00	8,000.00	75.0
TOTAL OTHER FINANCING USES	8,000.00	24,000.00	32,000.00	8,000.00	75.0
TOTAL FUND EXPENDITURES	16,400.65	99,762.71	126,450.00	26,687.29	78.9
NET REVENUE OVER EXPENDITURES	(12,428.49)	(52,423.49)	(62,450.00)	(10,026.51)	(83.9)

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

SANITARY SEWER FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
53-100-3884	SANITARY SEWER CHARGES	206,128.00	619,068.77	672,000.00	52,931.23	92.1
53-100-3885	PENALTY	2,511.63	7,644.16	.00	(7,644.16)	.0
	TOTAL REVENUES	208,639.63	626,712.93	672,000.00	45,287.07	93.3
	TOTAL FUND REVENUE	208,639.63	626,712.93	672,000.00	45,287.07	93.3

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

SANITARY SEWER FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>EXPENSES</u>					
53-300-4000 WAGES	982.80	9,019.52	62,800.00	53,780.48	14.4
53-300-4100 HEALTH INSURANCE	.00	.00	7,500.00	7,500.00	.0
53-300-4110 LIFE INSURANCE	.00	.00	125.00	125.00	.0
53-300-4200 SOCIAL SECURITY	60.94	557.78	3,900.00	3,342.22	14.3
53-300-4210 MEDICARE	14.26	130.52	950.00	819.48	13.7
53-300-4220 IMRF	121.48	1,031.67	8,000.00	6,968.33	12.9
53-300-5050 SYSTEM MAINTENANCE	.00	3,819.77	72,000.00	68,180.23	5.3
53-300-5100 PROFESSIONAL SERVICES	1,394.80	26,571.27	57,000.00	30,428.73	46.6
53-300-5101 AUDIT & ACCTG SERVICES	2,475.00	20,320.00	33,000.00	12,680.00	61.6
53-300-5200 POSTAGE	.00	892.50	4,500.00	3,607.50	19.8
53-300-5221 PRINTING	.00	.00	1,500.00	1,500.00	.0
53-300-5330 TRAINING	.00	.00	6,000.00	6,000.00	.0
53-300-5500 LIABILITY INSURANCE	.00	9,081.20	.00	(9,081.20)	.0
53-300-5530 WORKER'S COMP INSURANCE	54.35	1,398.47	1,000.00	(398.47)	139.9
TOTAL EXPENSES	5,103.63	72,822.70	258,275.00	185,452.30	28.2
<u>CAPITAL OUTLAY GENERAL</u>					
53-500-7051 SYSTEM IMPROVEMENTS	59,320.51	113,886.31	192,500.00	78,613.69	59.2
TOTAL CAPITAL OUTLAY GENERAL	59,320.51	113,886.31	192,500.00	78,613.69	59.2
TOTAL FUND EXPENDITURES	64,424.14	186,709.01	450,775.00	264,065.99	41.4
NET REVENUE OVER EXPENDITURES	144,215.49	440,003.92	221,225.00	(218,778.92)	198.9

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

POLICE PENSION

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>REVENUES</u>					
71-100-3000	REAL ESTATE TAXES	680.93	164,527.86	350,000.00	185,472.14	47.0
71-100-3800	INTEREST INCOME	196.18	84,001.61	75,000.00	(9,001.61)	112.0
71-100-3801	NET APPRECIATION - FV INV	.00	453,801.50	.00	(453,801.50)	.0
71-100-3860	CITY CONTRIBUTION	.00	.00	447,149.00	447,149.00	.0
71-100-3861	EMPLOYEE CONTRIBUTION	16.06	136,890.99	210,000.00	73,109.01	65.2
	TOTAL REVENUES	893.17	839,221.96	1,082,149.00	242,927.04	77.6
	TOTAL FUND REVENUE	893.17	839,221.96	1,082,149.00	242,927.04	77.6

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

POLICE PENSION

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
EXPENSES						
71-300-4232	DISABILITY BENEFITS	10,981.60	98,834.40	135,000.00	36,165.60	73.2
71-300-4233	PENSION PAYMENTS	70,801.65	598,536.96	610,000.00	11,463.04	98.1
71-300-5100	PROFESSIONAL SERVICES	4,155.00	25,243.64	25,000.00	(243.64)	101.0
71-300-5101	AUDIT & FINANCE	.00	.00	2,500.00	2,500.00	.0
71-300-5107	INVESTMENT EXPENSE	.00	(24,596.93)	32,000.00	56,596.93	(76.9)
71-300-5331	CONFERENCES	.00	.00	1,500.00	1,500.00	.0
71-300-5440	STATE FILING FEE	.00	.00	2,500.00	2,500.00	.0
TOTAL EXPENSES		85,938.25	698,018.07	808,500.00	110,481.93	86.3
TOTAL FUND EXPENDITURES		85,938.25	698,018.07	808,500.00	110,481.93	86.3
NET REVENUE OVER EXPENDITURES		(85,045.08)	141,203.89	273,649.00	132,445.11	51.6

CITY OF PROSPECT HEIGHTS
REVENUES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

ROAD & BUILDING BOND ESCROW

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
72-100-3899	MISCELLANEOUS INCOME	99.23	684.44	.00	(684.44)	.0
	TOTAL DEPARTMENT 100	99.23	684.44	.00	(684.44)	.0
	TOTAL FUND REVENUE	99.23	684.44	.00	(684.44)	.0

CITY OF PROSPECT HEIGHTS
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING JANUARY 31, 2019

ROAD & BUILDING BOND ESCROW

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
72-300-5430 BANK CHARGES	.00	4.50	.00	(4.50)	.0
TOTAL DEPARTMENT 300	.00	4.50	.00	(4.50)	.0
TOTAL FUND EXPENDITURES	.00	4.50	.00	(4.50)	.0
NET REVENUE OVER EXPENDITURES	99.23	679.94	.00	(679.94)	.0



The City of
Prospect Heights
8 N. Elmhurst Road, Prospect Heights, IL 60070

10A

Phone: 847-398-6070

Fax: 847-392-4244

Date: February 18,2019

To: Joe Wade City Administrator, City of Prospect Heights

From: Michael DuCharme, Finance Director, City of Prospect Heights

Subject: Approval of Updated Resolution from PMA Financial Network

Background:

Late last year we adopted a Resolution allowing PMA to provide financial Services to the City of Prospect Heights. Attached is an updated Resolution from PMA allowing the investment of public funds in their new Prime Fund. This fund will provide the City with an additional investment alternative to improve cash management and will be evaluated in the same manner and scrutiny of other investment decisions.

Action:

Request approval of Resolution Approving and Authorizing PMA Financial Network, Inc. and PMA Securities , Inc. to Provide Investment Services and (2) Execution of the Declaration of trust Establishing the Illinois Public reserves Investment management Trust.

THE CITY OF PROSPECT HEIGHTS

Resolution No. R-19-03

A RESOLUTION APPROVING AND AUTHORIZING (1) PMA FINANCIAL NETWORK, INC. AND PMA SECURITIES, INC. TO PROVIDE INVESTMENT SERVICES AND (2) EXECUTION OF THE DECLARATION OF TRUST ESTABLISHING THE ILLINOIS PUBLIC RESERVES INVESTMENT MANAGEMENT TRUST

WHEREAS, the Board of Trustees (“Board”) of the [NAME OF ENTITY] (the “Entity”), deems it to be in the best interest of the Entity for its treasurer to make use, from time to time, of investments which are legal under the Constitution and laws of the State of Illinois (the “State”), including through participation in joint investments permitted by the Constitution and laws of the State; and

WHEREAS, this Board deems it to be in the best economic and administrative interest of this unit of local government for its treasurer to make use of, from time to time, PMA Financial Network, Inc. and PMA Securities, Inc. in securing investments in accordance with an Investment Policy presented to the Board as it may be amended from time to time; and

WHEREAS, separately, certain political corporations or subdivisions intend to enter into a Declaration of Trust establishing the Illinois Public Reserves Investment Management Trust (the “Fund”), for the purpose of combining their respective available investment funds so as to enhance the investment opportunities available to them and increase the investment earnings accruing to the benefit of the respective municipalities on behalf of which they acted; and

WHEREAS, the Fund is an investment opportunity for political corporations or subdivisions of the State of Illinois excluding school districts, community college districts and educational service regions (called “Participants”); and

WHEREAS, the authority for the Participants to jointly invest their funds in the Fund comes from the following sources:

- (i) Article VII, Section 10 of the Constitution of the State of Illinois provides, among other things, that the State shall encourage intergovernmental cooperation and use its technical and financial resources to assist intergovernmental activities among its units of local government; and
- (ii) The Intergovernmental Cooperation Act (5 ILCS 220/1 *et seq.*), as amended, provides a statutory framework that supplements the constitutional grant of intergovernmental cooperation powers, and provides that any one or more public agencies may contract with any one or more other public agencies to perform any governmental service, activity or undertaking which any of the public agencies entering into the contract is authorized by law to perform, *provided* that such contract shall be authorized by the governing body of each party of the contract and

shall set forth fully the purposes, powers, rights, objectives and responsibilities of the contracting parties; and

- (iii) The Illinois Municipal Code (65 ILCS 5/3.1-35-50) (the “Municipal Code”), as amended, provides among other things, that the corporate authorities of each municipality may exercise jointly, with one or more other municipal corporations or governmental subdivisions or districts, all of the powers set forth in the Municipal Code including, among other things, that each State municipal treasurer is permitted to join with other municipal treasurers or municipalities for the purpose of investing the municipal funds of which the treasurer has custody;
- (iv) The Local Government Debt Reform Act (30 ILCS 350/1 *et seq.*), provides that “a governing body may authorize and upon such authorization the treasurer of any governmental unit may . . . join with the treasurers of other governmental units for the purpose of jointly investing the funds of which the treasurer has custody.”

WHEREAS, the Fund’s assets can only be invested in instruments authorized by the Public Funds Investment Act (30 ILCS 235/1 *et seq.*), as amended; and

WHEREAS, the Fund’s Declaration of Trust shall set forth fully the purposes, powers, rights, objectives and responsibilities of the Participants; and

WHEREAS, no public entity shall become a Participant in the Fund unless and until such public entity, including the Entity, has adopted and authorized the Declaration of Trust; and

WHEREAS, the Participants anticipate that other municipal treasurers (i.e. those persons officially charged with the collection, receipt, tabulation, custody, deposit, investment or disbursement of municipal funds) or official custodians of municipal funds may wish from time to time to become Participants; and

WHEREAS, this Board deems it necessary and in the best interests of the Entity to participate in the Fund, including any series thereof, by having the Entity become a Participant.

NOW, THEREFORE, BE AND IT HEREBY IS RESOLVED, AS FOLLOWS:

RESOLVED, that the preambles to this Resolution are hereby found and determined to be true, correct and complete and are hereby incorporated into the text of this Resolution; and it is

RESOLVED, that the officers or employees of the Entity may make use of investments permitted under the Constitution and laws of the State, and that which are also permitted by the Investment Policy of the Entity, including the Fund’s programs through PMA Financial Network, Inc. and PMA Securities, Inc. (collectively, the “Fund Programs”); and it is

RESOLVED, that monies of the Entity may be invested, at the discretion of the officers or employees of the Entity, through the intermediaries PMA Financial Network, Inc., PMA Securities, Inc. and Prudent Man Advisors, Inc.; and it is

RESOLVED, that the Entity may open depository accounts, make permitted investments, enter into wire transfer agreements, safekeeping agreements, third party surety agreements securing deposits, collateral agreements, letters of credit, and lockbox agreements with third-party financial institutions participating in the Fund Programs, and it is

RESOLVED, that monies of the Entity may be deposited in third-party financial institutions, from time to time in the discretion of the Entity's officers and employees, pursuant to the Fund Programs, and PMA Financial Network, Inc. and PMA Securities, Inc. are authorized to act on behalf of the Entity as its agent with respect to such accounts and agreements; and it is

RESOLVED, that the Entity is hereby authorized to become a Participant of the Fund; and it is

RESOLVED, that officers or employees of the Entity are hereby empowered and directed to execute the Declaration of Trust establishing the Fund at such time the Declaration of Trust is executed; and it is

RESOLVED, that the officers or employees of the Entity are hereby empowered to take any and all actions to invest the Entity's available funds from time to time in the Fund and withdraw such funds from time to time in accordance with the provisions of the Declaration of Trust; and it is

RESOLVED, that the officers or employees of the Entity are hereby empowered and directed to execute and deliver all documents, certificates and other instruments necessary to further the intent and purpose of this Resolution; and it is

RESOLVED, that all resolutions or motions in conflict herewith are hereby superseded to the extent of such conflict, and that this Resolution shall be in full force and effect forthwith upon its adoption.

The following individuals, or their successors, currently holding the office or position are designated as "Authorized Officials" with full power and authority to effectuate the investment and withdrawal of monies, contracts and agreements on behalf of the Entity:

Name/Title/Signature _____

Name/Title/Signature _____

Name/Title/Signature _____

Name/Title/Signature _____

PASSED this ____ day of _____, 201__.

AYES: _____

NAYS: _____

ABSENT: _____

APPROVED this ____ day of _____, 201__.

[Presiding Officer]

ATTEST:

[Clerk or Secretary]

[Seal]



FOR IMMEDIATE RELEASE

PMA Announces New Investment Pool for Illinois Municipal Treasurers

Naperville, IL – February 1, 2019 – PMA Financial Network, PMA Securities and Prudent Man Advisors (“PMA”) is pleased to announce and introduce the Illinois Public Reserves Investment Management Trust (“IPRIME”). IPRIME is the new investment pool for Municipal Treasurers acting on behalf of counties, townships, cities, towns, villages, libraries, park districts, water supply districts, fire protection districts, sanitary districts, housing authorities and other municipal subdivisions of the State of Illinois. “At PMA, we are excited to expand our LGIP services in Illinois and believe that IPRIME will provide significant value to PMA’s municipal clients throughout the state,” said Jim Davis, CEO. “PMA is known for its commitment to serving local governments. Our performance is built around the safety, liquidity and yield that public sector officials depend on and expect, and we look forward to bringing these values to IPRIME and its Participants.”

IPRIME’s Investment Shares Series is rated AAAm by Standard & Poor’s and comprised of money market instruments having a maximum remaining maturity of one year (except U.S. government obligations that may have remaining maturities of up to two years). The primary objectives of the Investment Shares Series are to offer the highest possible investment yield, protect principal and preserve liquidity. In addition, the fund offers access to PMA Financial Network’s Fixed Income and Deposit Programs. “The IPRIME Board of Trustees is committed to providing a financial instrument that will appeal to Municipal Treasurers by providing the highest level of security and return on investment,” said Phillip DeRuntz, IPRIME Chairman.

PMA has earned a well-deserved reputation among municipal entities in Illinois and will serve as IPRIME’s Administrator (PMA Financial Network), Investment Advisor (Prudent Man Advisors) and Distributor (PMA Securities). The PMA companies have been leaders in providing financial services to public entities since 1984 and currently serve over 2,500 local governments in 11 states, working with over \$25.4 billion total investment assets under administration*. PMA is a service provider in various capacities to now 12 local government investment pools similar to IPRIME. The company has built a reputation as a reliable, professional financial organization. IPRIME Participants will benefit by being able to take advantage of the products and services offered to its public sector clients. PMA has extensive experience both in and with public entities, including the team serving IPRIME.

**As of December 31, 2018. Total assets under administration include both money market pool assets for which the PMA companies serve as fund administrator/accountant, marketer/distributor, fixed income program provider (brokerage services), and/or investment advisory, or separate institutional accounts.*

About IPRIME

The Illinois Public Reserves Investment Management Trust (“IPRIME”) is an investment pool for Municipal Treasurers acting on behalf of counties, townships, cities, towns, villages, libraries, park districts, water supply districts, fire protection districts, sanitary districts, housing authorities and other municipal subdivisions of the State of Illinois. IPRIME’s Investment Shares Series offers a competitive yield, requires no minimum balance, and allows unlimited withdrawals. The portfolio is rated AAAM by Standard & Poor’s and meets the requirements of GASB 79 in order to enable it to value its investments at amortized cost and allow Participants to report the shares at the \$1 NAV. The Investment Shares Series is designed to meet Participant’s daily liquidity needs.

With the experience and expertise of PMA, the Investment Shares Series grants investors access to a powerful investment management team that functions with a high standard of vision, synergy, and quality.

About The PMA Companies

PMA Financial Network, PMA Securities and Prudent Man Advisors (the PMA companies) are under common ownership. Prudent Man Advisors, an SEC registered investment adviser, provides investment advisory services to local government investment pools and separate accounts. Securities, public finance services and institutional brokerage services are offered through PMA Securities. PMA Securities is a broker-dealer and municipal advisor registered with the SEC and MSRB, and is a member of FINRA and SIPC. All other products and services are provided by PMA Financial Network.

With services ranging from investment advisory work with Prudent Man Advisors to public finance work with PMA Securities, among others, the PMA companies are focused on achieving long-term financial success for their clients. With billions of dollars invested annually, the PMA companies provide over 2,500 public entities with a diverse lineup of customized financial solutions through a team of experienced professionals and innovative technology. PMA has built a record of success stories by meeting the needs of public entities. Additional information is available at www.pmanetwork.com.

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Media Contacts:

Matt Orseske
630-657-6408
morseske@pmanetwork.com



To: Mayor Helmer and Members of the City Council

From: Joe Wade, City Administrator

Subject: Resolution Authorizing and Supporting “Invest in Cook” Grant Application for Phase I Preliminary Engineering for Sidewalk/Multi-use Path, Camp McDonald Road, between Prospect Heights Metra Station and Wheeling Road

Date: February 25, 2019

Background

Cook County Department of Transportation and Highways is inviting grant applications for the “Invest in Cook” program, which targets transit and other transportation alternatives in Cook County. Competitive applications will be reviewed and scored on a number of factors. Among eligible projects are sidewalks/paths, which promote connectivity of a community. A resolution of authorization/support demonstrates City commitment to the project should a grant be awarded.

The City received an “Invest in Cook” grant in 2017, which is presently being used for preliminary engineering work for the Wolf Road sidewalk. The City has also received a Regional Transit Authority “Access to Transit” grant for the Wolf Road sidewalk, between the Metra Station and Old Willow. A City grant application for the Illinois Transportation Enhancement Program, in the fall of 2019, is recommended. Leveraging multiple grant sources can reduce City funding of these projects to 10-20 per cent of total costs. For comparison, Safe Routes to School grant funding requires a City share match of 50-60 per cent.

Analysis

The Prospect Heights Comprehensive Plan has identified this sidewalk project as a goal of the City, which would help provide pedestrian access from the Rob Roy development to the Metra Station and River Trails Park District recreation center and park area.

Completing Phase I preliminary engineering places the City in an advantageous position to apply for an Illinois Transportation Enhancement Program grant application, or other funding vehicle, to assist completion of this capital improvement. This is a complicated Phase I project,

with anticipated coordination with the Canadian National Railway, Illinois Commerce Commission and Commonwealth Edison. The estimated cost for Phase I design is \$140,000.

Recommendation

Approve the resolution to be filed with application demonstrating the City's authorization and support of the project.

City of Prospect Heights

RESOLUTION No. R-19-04

Resolution Authorizing City Application for Cook County Department of Transportation and Highways “Invest in Cook” Grant, for Phase I Preliminary Engineering, for Camp McDonald Road Sidewalk, from Wheeling Road to the Metra Commuter Station

Whereas, the Cook County Department of Transportation and Highways has initiated the “Invest in Cook” grant program to support transit and other transportation alternatives in Cook County; and

Whereas, the City of Prospect Heights’ Comprehensive Plan has identified the need for developing a sidewalk/multi-use path network throughout the City, and

Whereas, among the identified sidewalk/multi-use path needs identified is Camp McDonald Road, between Wheeling Road and the Metra Commuter Station at Wolf Road, and

Whereas, the Camp McDonald Road sidewalk/multi-use path would address safety concerns by providing pedestrians and cyclists an alternative to utilizing the Camp McDonald roadway and provide safer connections from the Rob Roy townhome development and other residential areas to the Prospect Heights Metra Station, River Trails Park District Recreation Facility, and the Wolf Road sidewalk/multi-use path connection, which the City is working on through Regional Transit Authority, Cook County, City of Prospect Heights and other funding sources, and

Whereas, the City of Prospect Heights recognizes the “Invest in Cook” program, to be a valuable source for assisting the City, in the development of sidewalks/multi-use paths for safe access to the Metra Commuter Station and other community assets.

Now, therefore, be it resolved by the Mayor and City Council of the City of Prospect Heights, Cook County, State of Illinois as Follows:

Section 1: The recitals set forth above are incorporated by reference as the factual basis for this authorization.

Section 2: That the City Council of the City of Prospect Heights formally authorizes the City Administrator to make application to Cook County Department of Transportation and Highways’ “Invest in Cook” program for the purpose of obtaining Phase I Preliminary Engineering for a Camp McDonald Road Sidewalk/Multi-use Path, between the Prospect Heights Metra Station and Wheeling Road (south side of Camp McDonald Road).

Passed and approved this 25th day of February, 2019

Nicholas J. Helmer, Mayor

Attest:

Karen Schultheis, Deputy City Clerk

Ayes: _____

Nays: _____

Absent: _____



City of Prospect Heights

Department of Building & Zoning
8 North Elmhurst Road, Prospect Heights Illinois, 60070-6070
Office: 847/398-6070 x 211-FAX: 847/590-1854
www.prospect-heights.il.us

MEMORANDUM

Date: January 30, 2019

To: Mayor Helmer and City Council

Cc: Joe Wade, City Administrator

From: Daniel A. Peterson, Director of Building & Development

Subject: Ordinance #O-19-04 Approving an Amendment to Title 5, 7 related to Warehouse Use
Ordinance #O-19-05 Preliminary Plat, Preliminary Engineering, Appearance Review and
Granting a Special Use Permit for a 150,000 sq. ft. commercial development
25-25 E. Piper Lane, Prospect Heights, IL 60070

ISSUE: Consideration of a Text Amendment, Special Use Permit and Subdivision approvals for a new 150,000 sq. ft. Class A commercial industrial project on the subject property.

BACKGROUND:

Conor Commercial Real Estate is the contract purchaser of the 10-acre parcel on Piper Lane. They are proposing to redevelop this long-standing vacant parcel with a new Class A industrial development. The applicants are seeking an text amendment to allow Warehouse use on the property to enhance the marketability of the property. Conor is also seeking the required zoning approvals necessary for their purpose.

The PZBA held a public hearing on January 24, 2019 to consider the following actions:

1. An application for a Text Amendment to Title 5, Chapter 7, adding "Warehouse" use as a permitted Special Use in the B-4 Office/Industrial District.
2. An application for a Special Use for a Warehouse commercial development.

Acting as the Plan Commission and Appearance Review committee the PZBA also considered the preliminary plat, preliminary engineering and appearance review portions of the application.

After hearing testimony and deliberation, the PZBA voted unanimously to recommend to the City Council approval of the Text Amendment, Special Use Permit for a Warehouse, preliminary plat, preliminary engineering and appearance review standards for the development project in the B-4 Office & Industrial District.

RECOMMENDATION: First reading of both ordinances. No action required at this time.

ORDINANCE NO. O-19-04

AN ORDINANCE AMENDING TITLE 5, CHAPTER 7 OF THE CITY OF PROSPECT HEIGHTS ZONING CODE RELATING TO WAREHOUSE USE

WHEREAS, the City of Prospect Heights ("City") is an Illinois Municipal Corporation pursuant to the Illinois Constitution of 1970 and the Statutes of the State of Illinois;

WHEREAS, amendments to the City's zoning ordinance have been proposed to add warehouse use as a permitted special use in the B-4 Office/Industrial District in the City; and

WHEREAS, the Plan/Zoning Board of Appeals held a public hearing on January 24, 2019 to determine whether the proposed amendments should be approved, at which time all persons present were afforded an opportunity to be heard; and

WHEREAS, the Plan/Zoning Board of Appeals has unanimously recommended the proposed amendment be approved and has made the necessary finding therefore; and

WHEREAS, the Mayor and City Council have reviewed the recommendation of the Plan/Zoning Board of Appeals;

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF PROSPECT HEIGHTS, COOK COUNTY, ILLINOIS:

SECTION ONE: That Title 5, Chapter 7, Section 5, Paragraph C: Special Uses, of the Prospect Heights City Code, as amended, is hereby further amended with additions shown in bold underline text so that the same shall be read as follows:

C. Special Uses

*** * ***

Restaurant facilities.

Warehouse.

*** * ***

:

.

SECTION TWO: That the City Clerk of the City of Prospect Heights be and is directed hereby to publish this Ordinance in pamphlet form, pursuant to the Statutes of the State of Illinois, made and provided.

SECTION FOUR: That this Ordinance shall be in full force and effect from and after its passage, approval, and publication in the manner provided by law.

PASSED and APPROVED this ____ day of _____, 2019.

Nicholas J. Helmer, Mayor

ATTEST:

City Clerk

AYES:

NAYS:

ABSENT:

Published in pamphlet form: _____, 2019



City of Prospect Heights

Department of Building & Zoning
8 North Elmhurst Road, Prospect Heights Illinois, 60070-6070
Office: 847/398-6070 x 211-FAX: 847/590-1854
www.prospect-heights.il.us

MEMORANDUM

Date: January 30, 2019

To: Mayor Helmer and City Council

Cc: Joe Wade, City Administrator

From: Daniel A. Peterson, Director of Building & Development

Subject: Ordinance #O-19-04 Approving an Amendment to Title 5, 7 related to Warehouse Use
Ordinance #O-19-05 Preliminary Plat, Preliminary Engineering, Appearance Review and
Granting a Special Use Permit for a 150,000 sq. ft. commercial development
25-25 E. Piper Lane, Prospect Heights, IL 60070

ISSUE: Consideration of a Text Amendment, Special Use Permit and Subdivision approvals for a new 150,000 sq. ft. Class A commercial industrial project on the subject property.

BACKGROUND:

Conor Commercial Real Estate is the contract purchaser of the 10-acre parcel on Piper Lane. They are proposing to redevelop this long-standing vacant parcel with a new Class A industrial development. The applicants are seeking an text amendment to allow Warehouse use on the property to enhance the marketability of the property. Conor is also seeking the required zoning approvals necessary for their purpose.

The PZBA held a public hearing on January 24, 2019 to consider the following actions:

1. An application for a Text Amendment to Title 5, Chapter 7, adding "Warehouse" use as a permitted Special Use in the B-4 Office/Industrial District.
2. An application for a Special Use for a Warehouse commercial development.

Acting as the Plan Commission and Appearance Review committee the PZBA also considered the preliminary plat, preliminary engineering and appearance review portions of the application.

After hearing testimony and deliberation, the PZBA voted unanimously to recommend to the City Council approval of the Text Amendment, Special Use Permit for a Warehouse, preliminary plat, preliminary engineering and appearance review standards for the development project in the B-4 Office & Industrial District.

RECOMMENDATION: First reading of both ordinances. No action required at this time.

ORDINANCE No. O-19-05

AN ORDINANCE APPROVING A SUBDIVISION, PRELIMINARY ENGINEERING, APPEARANCE REVIEW and GRANTING A SPECIAL USE FOR 25-35 Piper Lane, Prospect Heights, IL

WHEREAS, Conor Commercial Real Estate (Contract Purchaser) has filed an application for a special use permit, plat of subdivision, preliminary engineering and appearance review for the purpose of redeveloping the property to construct an approximately 150,000 square foot Class A industrial building at the property commonly known as 25 – 35 E. Piper Lane, Prospect Heights, Illinois and legally described in Exhibit A (the “Property”); and

WHEREAS, the Zoning Ordinance requires a Special Use Permit to allow a Warehouse use in the B-4 Office/Industrial District; and

WHEREAS, the City Code requires approval of preliminary plat of subdivision;

WHEREAS, the City Code requires approval of preliminary engineering;

WHEREAS, the City Code requires appearance review approval;

WHEREAS, the Planning Zoning Board of Appeals (PZBA) held a public hearing on January 24, 2019 regarding said application; and

WHEREAS, the PZBA has found the application meets the standards for a special use permit, the requested subdivision, engineering plans and appearance review and has recommended that the City Council grant such approval; and

WHEREAS, the Mayor and City Council have reviewed the documents pertinent to the application and the recommendations of the PZBA, concurs with the findings of the PZBA and hereby grants special use permit, and the subdivision.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF PROSPECT HEIGHTS, COOK COUNTY, ILLINOIS as follows:

SECTION ONE. The City Council hereby finds and determines that the facts and conditions set forth in the above recitals are true and correct and hereby adopts same as part of this Ordinance.

SECTION TWO. That a Special Use Permit is hereby granted for a Warehouse on the Property and shall run with the use and not with the land.

SECTION THREE. Pursuant to Applicant's subdivision application, the Preliminary Plat of Subdivision prepared by Pinnacle Engineering Group, attached hereto as Exhibit "B", is hereby accepted.

SECTION FOUR. The above approvals are granted on the following conditions:

1. The proposed 150,000 sq. ft. industrial building development and improvements shall be constructed substantially in accordance with the plans submitted at the public hearing on this matter, attached hereto as Exhibit "C".
2. Final Engineer approval is required to address the traffic plan and address the traffic radius on Piper Lane "S" curve.
3. Final Engineering approvals shall be reviewed and approved by the City Engineer based upon MWRD and other Regulatory agency approvals to address storm water management.
- 4.

SECTION FIVE. The development shall be constructed in accordance with all applicable City, County, State and Federal codes, standards and regulations.

SECTION SIX. All appropriate city officials are authorized to execute the final plat of subdivision. The City Administrator and his designees are authorized to take all necessary action to carry out the purpose of this ordinance.

SECTION SEVEN. That this Ordinance shall be in full force and effect from and after its passage and approval as provided by law.

PASSED this _____ day of _____, 2016

APPROVED this _____ day of _____, 2016

Nicholas J. Helmer, Mayor

ATTEST:

Karen Schultheis, Deputy City Clerk

AYES:

NAYS:

ABSENT:

Published in pamphlet form: April 11, 2016

Exhibit A

Legal Description of 25 – 35 E. Piper Lane, Prospect Heights, IL

Parcel 1:

THAT PART OF THE NORTH HALF OF THE NORTHWEST QUARTER OF SECTION 24, TOWNSHIP 42 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, BOUNDED AND DESCRIBED AS FOLLOWS: BEGINNING AT THE SOUTHWEST CORNER OF THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER OF SAID SECTION 24; THENCE SOUTH 89 DEGREES 44 MINUTES 37 SECONDS EAST, BEING AN ASSUMED BEARING ON THE SOUTH LINE OF THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER OF SAID SECTION 24, A DISTANCE OF 349.27 FEET TO THE WEST LINE OF THE EAST 989.57 FEET OF THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER OF SECTION 24, SAID WEST LINE BEING THE WEST LINE OF LOT 2 IN BRIARLAKE RESUBDIVISION RECORDED OCTOBER 20, 1989 AS DOCUMENT 89499649; THENCE NORTH 00 DEGREES 45 MINUTES 34 SECONDS WEST ON THE WEST LINE OF SAID LOT 2 A DISTANCE OF 432.88 FEET TO THE SOUTHWESTERLY RIGHT OF WAY LINE OF PIPER LANE AS DEDICATED FOR PUBLIC STREET ACCORDING TO DEED RECORDED OCTOBER 8, 1987 AS DOCUMENT 87547388; THENCE NORTHWESTERLY ON SAID SOUTHWESTERLY RIGHT OF WAY LINE OF PIPER LANE AN ARC DISTANCE OF 82.83 FEET ALONG A CURVE TO THE RIGHT HAVING A RADIUS OF 71.50 FEET WITH A CHORD BEARING OF NORTH 33 DEGREES 55 MINUTES 29 SECONDS WEST AND A CHORD DISTANCE OF 77.78 FEET; THENCE NORTH 00 DEGREES 19 MINUTES 29 SECONDS WEST ON THE WEST RIGHT OF WAY LINE OF PIPER LANE AS MONUMENTED, 95.42 FEET TO A POINT OF CURVE; THENCE NORTHWESTERLY 19.02 FEET ON THE ARC OF A CURVE TO THE SOUTHWEST HAVING A RADIUS OF 13.0 FEET WITH A CHORD BEARING OF NORTH 42 DEGREES 28 MINUTES 14 SECONDS WEST AND A CHORD DISTANCE OF 17.37 FEET TO THE SOUTHERLY RIGHT OF WAY LINE OF PIPER LANE AS MONUMENTED AND DEDICATED ACCORDING TO SAID DOCUMENT 87547388; THENCE NORTH 85 DEGREES 00 MINUTES 51 SECONDS WEST, ON SAID SOUTHERLY RIGHT OF WAY LINE OF PIPER LANE, 293.88 FEET TO THE NORTHEAST CORNER OF LOT 1 IN PIPER LANE MINIWAREHOUSE SUBDIVISION RECORDED MARCH 22, 1988 AS DOCUMENT 88117034; THENCE SOUTH ALONG THE WEST LINE OF THE EAST HALF OF THE NORTHWEST QUARTER 631.02 FEET TO THE POINT OF BEGINNING, IN COOK COUNTY, ILLINOIS.

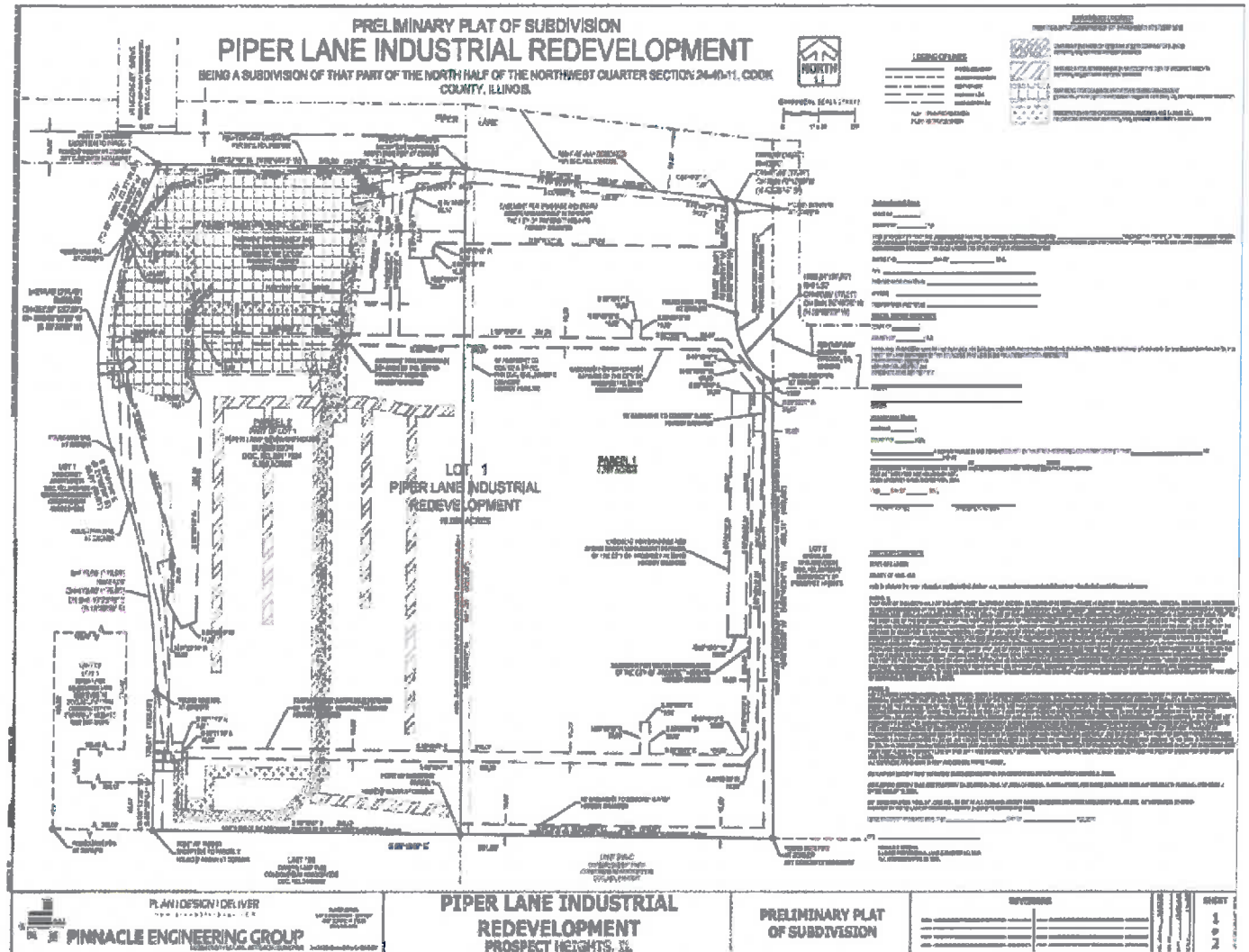
PARCEL 2:

LOT 1 IN THE PIPER LANE MINIWAREHOUSE SUBDIVISION, BEING A RE-SUBDIVISION IN THE NORTHWEST $\frac{1}{4}$ OF SECTION 24, TOWNSHIP 42 NORTH RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, EXCEPT THAT PART LYING WEST OF THE FOLLOWING DESCRIBED LINE: COMMENCING AT THE NORTHEAST CORNER OF SAID LOT 1, SAID NORTHEAST CORNER BEING ALSO THE INTERSECTION OF THE SOUTH LINE OF PIPER LANE AND THE EAST LINE OF THE WEST $\frac{1}{2}$ OF THE NORTHWEST $\frac{1}{4}$ OF SAID SECTION 24; THENCE NORTH 89 DEGREES 46 MINUTES 43 SECONDS WEST ALONG THE NORTH LINE OF SAID LOT 1 AND THE SOUTH LINE OF SAID PIPER LANE, 342.30 FEET TO THE POINT OF BEGINNING OF THE AFORESAID EXCEPTION LINE, SAID POINT OF BEGINNING BEING ALSO A CORNER OF SAID LOT 1; THENCE SOUTH 28 DEGREES 4 MINUTES 3 SECONDS WEST ALONG A WESTERLY LINE OF SAID LOT 1 73.32 FEET TO A POINT OF CURVE; THENCE CONTINUING SOUTHERLY ALONG A WESTERLY LINE OF SAID LOT 1 BEING THE ARC OF A CIRCLE, A DISTANCE OF 214.49 FEET; CONVEX TO THE WEST HAVING A RADIUS OF

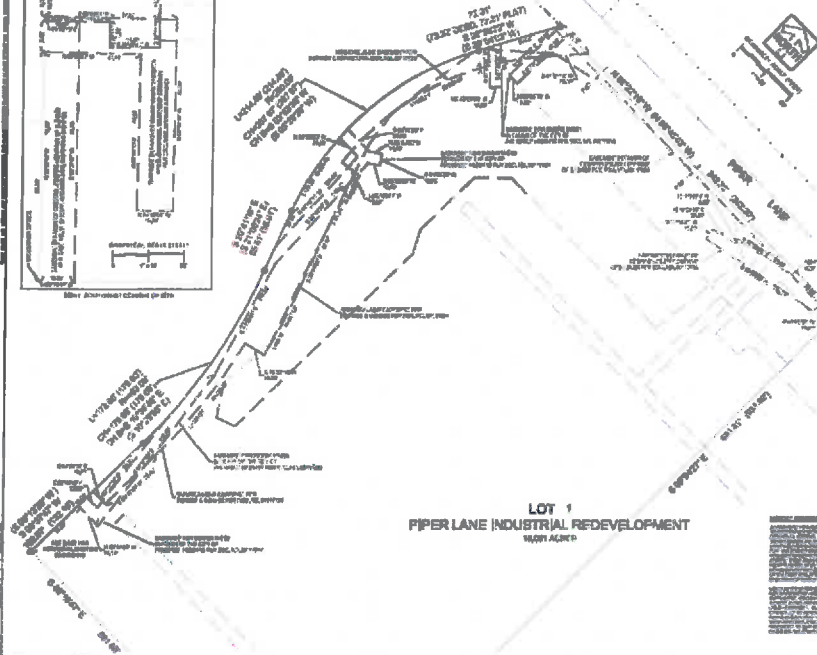
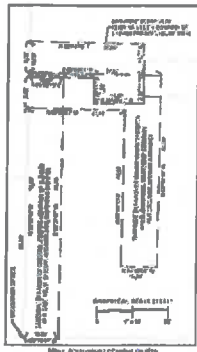
250.00 FEET, A CHORD BEARING OF SOUTH 3 DEGREES 29 MINUTES 20 SECONDS WEST AND A CHORD DISTANCE OF 207.97 FEET TO A POINT OF TANGENCY; THENCE CONTINUING SOUTH 21 DEGREES 5 MINUTES 24 SECONDS EAST 55.61 FEET ALONG A WESTERLY LINE OF SAID LOT 1 TO A POINT OF CURVE; THENCE CONTINUING SOUTHERLY ALONG A WESTERLY LINE OF LOT 1 BY THE ARC OF A CIRCLE A DISTANCE OF 179.68 FEET, HAVING A RADIUS OF 483.00 FEET, CONVEX TO THE EAST, A CHORD BEARING OF SOUTH 10 DEGREES 25 MINUTES 58 SECONDS EAST AND A CHORD DISTANCE OF 178.65 FEET TO A POINT OF TANGENCY; THENCE SOUTH 00 DEGREES 13 MINUTES 28 SECONDS WEST, 132.15 FEET ALONG A WESTERLY LINE OF SAID LOT 1 AND ITS SOUTHERLY EXTENSION TO A POINT ON THE SOUTH LINE OF SAID LOT 1 AND THE POINT OF ENDING FOR SAID EXCEPTION LINE, IN COOK COUNTY, ILLINOIS.

Exhibit B

Final Plat of Subdivision prepared by Pinnacle Engineering Group dated 12/21/18



PRELIMINARY PLAT OF SUBDIVISION
PIPER LANE INDUSTRIAL REDEVELOPMENT
 BEING A SUBDIVISION OF THAT PART OF THE NORTH HALF OF THE NORTHWEST QUARTER SECTION 26-40-01, COOK COUNTY, ILLINOIS.



REMARKS:

1. THE SUBDIVISION IS BEING MADE FOR THE PURPOSE OF REDEVELOPING THE AREA FOR INDUSTRIAL USE.

2. THE SUBDIVISION IS BEING MADE IN ACCORDANCE WITH THE SUBDIVISION ACT, CHAPTER 126.5, ILL. COMP. STAT.

3. THE SUBDIVISION IS BEING MADE IN ACCORDANCE WITH THE SUBDIVISION ACT, CHAPTER 126.5, ILL. COMP. STAT.

4. THE SUBDIVISION IS BEING MADE IN ACCORDANCE WITH THE SUBDIVISION ACT, CHAPTER 126.5, ILL. COMP. STAT.

5. THE SUBDIVISION IS BEING MADE IN ACCORDANCE WITH THE SUBDIVISION ACT, CHAPTER 126.5, ILL. COMP. STAT.

6. THE SUBDIVISION IS BEING MADE IN ACCORDANCE WITH THE SUBDIVISION ACT, CHAPTER 126.5, ILL. COMP. STAT.

7. THE SUBDIVISION IS BEING MADE IN ACCORDANCE WITH THE SUBDIVISION ACT, CHAPTER 126.5, ILL. COMP. STAT.

8. THE SUBDIVISION IS BEING MADE IN ACCORDANCE WITH THE SUBDIVISION ACT, CHAPTER 126.5, ILL. COMP. STAT.

9. THE SUBDIVISION IS BEING MADE IN ACCORDANCE WITH THE SUBDIVISION ACT, CHAPTER 126.5, ILL. COMP. STAT.

10. THE SUBDIVISION IS BEING MADE IN ACCORDANCE WITH THE SUBDIVISION ACT, CHAPTER 126.5, ILL. COMP. STAT.

EXHIBIT C

List of Plans & Documents

- A. Conceptual Design Packet – Architectural prepared by Ware Malcomb dated 12/19/18
- B. Preliminary Engineering Plans prepared by Pinnacle Engineering Group dated 12/19/18
- C. Preliminary Landscape Plans prepared by L A Design dated 12/21/18
- D. Photometric Plans prepared by Connelly Electric dated 1/14/19
- E. Traffic Impact Study prepared by KLOA dated 12/11/18
- F. Preliminary Stormwater Management Report prepared by Pinnacle Engineering Group dated 12/19/18



PROJECT DATA:			DEVELOPMENT STANDARDS:	
SITE AREA:			ZONING:	
GROSS:			B-4	
			MAX. F.A.R.:	
			0.50	
			BUILDING SETBACKS:	
			FRONT:	
			60 FT	
			SIDE:	
			30 FT	
			REAR:	
			30 FT	
			OFF-STREET PARKING:	
			STANDARD:	
			8.5X18	
			COMPACT:	
			8X15	
			DRIVE AISLE:	
			24 FT	
			REQ. PARKING RATIO BY USE:	
			WAREHOUSE:	
			Note 1	
			OFFICE:	
			3/1000 SF	

BUILDING FOOTPRINT:			150,000 SF	
BUILDING USE:				
WAREHOUSE			144,000 SF	
OFFICE			6,000 SF	
COVERAGE:				
GROSS:			34%	
NET:			39%	
PARKING REQUIRED:				
WAREHOUSE			1/1000 SF	144 STALLS
OFFICE			3/1000 SF	18 STALLS
TOTAL				162 STALLS
PARKING PROVIDED:				
AUTO:			165 STALLS	
			@1.1/1000 SF	
			6 STALLS	
			0 STALLS	
			REQ. ACCESSIBLE	
TRAILER:			0 STALLS	
TRUCK DOCKS:				
▲ DOCK-HIGH DOORS			25	
○ GRADE-LEVEL DOORS			2	



This conceptual design is based upon a preliminary review of entitlement requirements and on unverified and possibly incomplete site and/or building information, and is intended merely to assist in exploring how the project might be developed. Signage shown is for illustrative purposes only and does not necessarily reflect municipal code compliance.

CONCEPTUAL SITE PLAN

PIPER LANE
PROSPECT HEIGHTS, IL - CHI18-0241-00

WARE MALCOMB

01.09.2019

PAGE 1



This conceptual design is based upon a preliminary review of entitlement requirements and on unverified and possibly incomplete site and/or building information, and is intended merely to assist in exploring how the project might be developed. Signage shown is for illustrative purposes only and does not necessarily reflect municipal code compliance.

CONCEPTUAL PERSPECTIVE RENDERING

PIPER LANE
PROSPECT HEIGHTS, IL - CHI18-0241-00

WARE MALCOMB

01.09.2019

PAGE
2



Exterior Elevation_East



Exterior Elevation_North



Exterior Elevation_West



Exterior Elevation_South



This conceptual design is based upon a preliminary review of entitlement requirements and on unverified and possibly incomplete site and/or building information, and is intended merely to assist in exploring how the project might be developed. Signage shown is for illustrative purposes only and does not necessarily reflect municipal code compliance.

CONCEPTUAL EXTERIOR ELEVATIONS

PIPER LANE
PROSPECT HEIGHTS, IL - CHI18-0241-00

WARE MALCOMB

01.09.2019

PAGE
3

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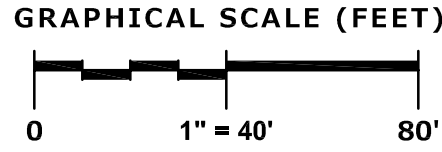
REVIEWED: JPK

DESIGNED: .

DRAWN: ST

PRELIMINARY PLAT OF SUBDIVISION PIPER LANE INDUSTRIAL REDEVELOPMENT

BEING A SUBDIVISION OF THAT PART OF THE NORTH HALF OF THE NORTHWEST QUARTER SECTION 24-40-11, COOK COUNTY, ILLINOIS.



LEGEND OF LINES

	PARCEL BOUNDARY
	ADJACENT BOUNDARY
	RIGHT-OF-WAY
	EASEMENT LINE
	ROAD CENTER LINE

70.61' MEASURED DIMENSION
(70.61' RECORD DIMENSION)

EASEMENT LEGEND

SEE PAGE 2 FOR DIMENSIONS OF EASEMENTS ON WEST LINE

	EASEMENT IN FAVOR OF CITIZENS UTILITY COMPANY OF ILLINOIS PER DOC. NO. 88117034 HEREBY VACATED
	EASEMENT FOR SEWER MAINS IN FAVOR OF THE CITY OF PROSPECT HEIGHTS PER DOC. NO. 88117034 HEREBY VACATED
	EASEMENT FOR DRAINAGE AND STORM SEWER MANAGEMENT IN FAVOR OF THE CITY OF PROSPECT HEIGHTS PER DOC. NO. 88117034 HEREBY VACATED
	EASEMENT IN FAVOR OF COMMONWEALTH EDISON AND ILLINOIS BELL TELEPHONE COMPANY PER DOC. NOS. 25178597 & 97634807 HEREBY VACATED

OWNER'S CERTIFICATE

STATE OF _____

COUNTY OF _____) S.S.

THIS IS TO CERTIFY THAT THE UNDERSIGNED ARE THE AUTHORIZED REPRESENTATIVES OF _____, WHICH IS THE OWNER OF THE LAND DESCRIBED HEREON, AND HAS CAUSED THE SAME TO BE SURVEYED AND PLATTED AS SHOWN HEREON, AS INDICATED HEREON, FOR THE USES AND PURPOSES THEREIN SET FORTH, AND DOES HEREBY ACKNOWLEDGE AND ADOPT THE SAME UNDER THE STYLE AND TITLE HEREON INDICATED

DATED THIS _____ DAY OF _____, 2018.

BY: _____

PRINTED NAME AND TITLE: _____

ATTEST: _____

PRINTED NAME AND TITLE: _____

SCHOOL DISTRICT CERTIFICATE

STATE OF _____

COUNTY OF _____) S.S.

PURSUANT TO SECTION 1.005 OF THE PLAT ACT, 765 ILCS 205, THIS DOCUMENT SHALL SERVE AS THE SCHOOL DISTRICT STATEMENT TO THE BEST OF THE OWNER'S KNOWLEDGE, THE TRACT OF LAND DESCRIBED IN THE ATTACHED PLAT LIES IN THE FOLLOWING SCHOOL DISTRICT(S):

GRADE SCHOOL DISTRICT 21
HIGH SCHOOL DISTRICT 214
JUNIOR COLLEGE DISTRICT 512

OWNER _____

OWNER _____

NOTARY CERTIFICATE

STATE OF _____

COUNTY OF _____) S.S.

I, _____, A NOTARY PUBLIC IN AND FOR SAID COUNTY IN THE STATE AFORESAID, DO HEREBY CERTIFY THAT _____ AS _____ (TITLE) _____ AS _____ (TITLE) _____ DID PERSONALLY APPEAR BEFORE ME THIS DAY AND ACKNOWLEDGE THAT THEY DID SIGN THE HERON DRAWN PLAT AS THEIR FREE AND VOLUNTARY ACT, GIVEN UNDER MY HAND AND NOTARIAL SEAL.

THIS _____ DAY OF _____, 2018.

NOTARY PUBLIC _____

COMMISSION EXPIRES _____

SURVEYOR'S CERTIFICATE

STATE OF ILLINOIS

COUNTY OF KANE) S.S.

THIS IS TO CERTIFY THAT PINNACLE ENGINEERING GROUP, LLC, HAS SURVEYED AND SUBDIVIDED THE FOLLOWING DESCRIBED PROPERTY:

PARCEL 1:
THAT PART OF THE NORTH HALF OF THE NORTHWEST QUARTER OF SECTION 24, TOWNSHIP 42 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, BOUNDED AND DESCRIBED AS FOLLOWS: BEGINNING AT THE SOUTHWEST CORNER OF THE NORTHWEST QUARTER OF SAID SECTION 24; THENCE SOUTH 89 DEGREES 44 MINUTES 37 SECONDS EAST, BEARING AN ASSUMED BEARING ON THE SOUTH LINE OF THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER OF SAID SECTION 24, A DISTANCE OF 349.27 FEET TO THE WEST LINE OF THE EAST 989.57 FEET OF THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER OF SAID SECTION 24, SAID WEST LINE BEING THE WEST LINE OF LOT 2 IN BRIARLAKE RESUBDIVISION RECORDED OCTOBER 20, 1989 AS DOCUMENT 89499649; THENCE NORTH 00 DEGREES 45 MINUTES 34 SECONDS WEST ON THE WEST LINE OF SAID LOT 2 A DISTANCE OF 432.88 FEET TO THE SOUTHWESTERLY RIGHT OF WAY LINE OF PIPER LANE AS DEDICATED FOR PUBLIC STREET ACCORDING TO DEED RECORDED OCTOBER 8, 1987 AS DOCUMENT 87547388; THENCE NORTHWESTERLY ON SAID SOUTHWESTERLY RIGHT OF WAY LINE OF PIPER LANE AN ARC DISTANCE OF 82.83 FEET ALONG A CURVE TO THE RIGHT HAVING A RADIUS OF 71.50 FEET WITH A CHORD BEARING OF NORTH 33 DEGREES 55 MINUTES 29 SECONDS WEST AND A CHORD DISTANCE OF 77.78 FEET; THENCE NORTH 00 DEGREES 19 MINUTES 29 SECONDS WEST ON THE WEST RIGHT OF WAY LINE OF PIPER LANE AS MONUMENTED, 95.42 FEET TO A POINT OF CURVE; THENCE NORTHWESTERLY 19.02 FEET ON THE ARC OF A CURVE TO THE SOUTHWEST HAVING A RADIUS OF 13.0 FEET WITH A CHORD BEARING OF NORTH 42 DEGREES 28 MINUTES 14 SECONDS WEST AND A CHORD DISTANCE OF 17.37 FEET TO THE SOUTHERLY RIGHT OF WAY LINE OF PIPER LANE AS MONUMENTED AND DEDICATED ACCORDING TO SAID DOCUMENT 87547388; THENCE NORTH 85 DEGREES 00 MINUTES 51 SECONDS WEST, ON SAID SOUTHERLY RIGHT OF WAY LINE OF PIPER LANE, 293.88 FEET TO THE NORTHEAST CORNER OF LOT 1 IN PIPER LANE MINIWAREHOUSE SUBDIVISION RECORDED MARCH 22, 1988 AS DOCUMENT 88117034; THENCE SOUTH ALONG THE WEST LINE OF THE EAST HALF OF THE NORTHWEST QUARTER 631.02 FEET TO THE POINT OF BEGINNING, IN COOK COUNTY, ILLINOIS.

PARCEL 2:
LOT 1 IN PIPER LANE MINIWAREHOUSE SUBDIVISION, BEING A RE-SUBDIVISION IN THE NORTHWEST 1/4 OF SECTION 24, TOWNSHIP 42 NORTH RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, EXCEPT THAT PART OF SAID LOT 1 LYING WEST OF THE FOLLOWING DESCRIBED LINE: COMMENCING AT THE NORTHEAST CORNER OF SAID LOT 1, SAID NORTHEAST CORNER BEING ALSO THE INTERSECTION OF THE SOUTH LINE OF PIPER LANE AND THE EAST LINE OF THE WEST 1/2 OF THE NORTHWEST 1/4 OF SAID SECTION 24; THENCE NORTH 89 DEGREES 46 MINUTES 43 SECONDS WEST ALONG THE NORTH LINE OF SAID LOT 1 AND THE SOUTH LINE OF SAID PIPER LANE, 342.30 FEET TO THE POINT OF BEGINNING OF THE AFORESAID EXCEPTION LINE, SAID POINT OF BEGINNING BEING ALSO A CORNER OF SAID LOT 1; THENCE SOUTH 28 DEGREES 4 MINUTES 3 SECONDS WEST ALONG A WESTERLY LINE OF SAID LOT 1 73.32 FEET TO A POINT OF CURVE; THENCE CONTINUING SOUTHERLY ALONG A WESTERLY LINE OF SAID LOT 1 BEING THE ARC OF A CIRCLE, A DISTANCE OF 214.49 FEET; CONVEX TO THE WEST HAVING A RADIUS OF 250.00 FEET, A CHORD BEARING OF SOUTH 3 DEGREES 29 MINUTES 20 SECONDS WEST AND A CHORD DISTANCE OF 207.97 FEET TO A POINT OF TANGENCY; THENCE CONTINUING SOUTH 21 DEGREES 5 MINUTES 24 SECONDS EAST 55.81 FEET ALONG A WESTERLY LINE OF SAID LOT 1 TO A POINT OF CURVE; THENCE CONTINUING SOUTHERLY ALONG A WESTERLY LINE OF LOT 1 BEING THE ARC OF A CIRCLE, A DISTANCE OF 178.89 FEET HAVING A RADIUS OF 463.00 FEET, CONVEX TO THE EAST, A CHORD BEARING OF SOUTH 10 DEGREES 25 MINUTES 58 SECONDS EAST AND A CHORD DISTANCE OF 178.65 FEET TO A POINT OF TANGENCY; THENCE SOUTH 00 DEGREES 13 MINUTES 28 SECONDS WEST, 132.15 FEET ALONG A WESTERLY LINE OF SAID LOT 1 AND ITS SOUTHERLY EXTENSION TO A POINT ON THE SOUTH LINE OF SAID LOT 1 AND THE POINT OF ENDING FOR SAID EXCEPTION LINE, IN COOK COUNTY, ILLINOIS. ALL DISTANCES ARE SHOWN IN FEET AND DECIMAL PARTS THEREOF.

WE FURTHER CERTIFY THAT THE ENTIRE SUBDIVISION IS WITHIN THE CORPORATE LIMITS OF PROSPECT HEIGHTS, ILLINOIS.

WE FURTHER CERTIFY THAT SAID PROPERTY IS LOCATED IN ZONE "X", AREA OF MINIMAL FLOOD HAZARD, PER FLOOD INSURANCE RATE MAP COMMUNITY PANEL NO. 17031C0207 J DATED AUGUST 19, 2008.

5/8" DIAMETER STEEL PINS, 24" LONG WILL BE SET AT ALL CORNERS, EXCEPT WHERE REQUIRED CONCRETE MONUMENTS WILL BE SET. AUTHORIZATION IS HEREBY GRANTED TO THE VILLAGE OF PROSPECT HEIGHTS, ILLINOIS TO RECORD THIS PLAT.

GIVEN UNDER MY HAND AND SEAL THIS _____ DAY OF _____, A.D. 2019

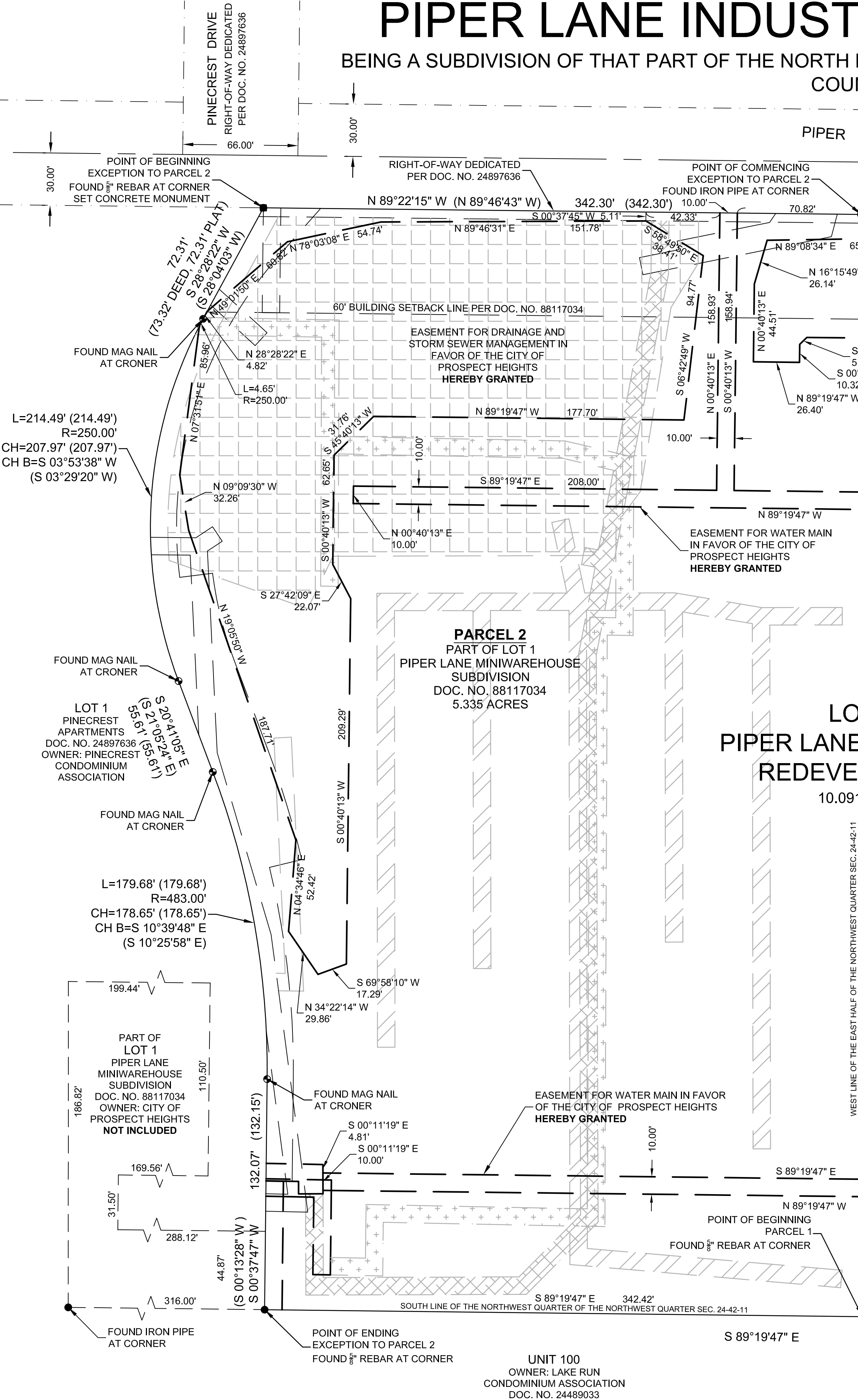
BY: _____

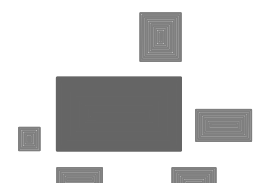
DONALD E RERICKA
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3436
ALL LICENSES EXPIRE 30, 2020.

LOT 1
PIPER LANE INDUSTRIAL
REDEVELOPMENT
10.091 ACRES

PARCEL 1
4.757 ACRES

LOT 2
BRIARLAKE
RESUBDIVISION
DOC. NO. 89499649
OWNER: CITY OF
PROSPECT HEIGHTS





PINNACLE ENGINEERING GROUP
ENGINEERING | NATURAL RESOURCES | SURVEYING

PLAN | DESIGN | DELIVER
www.pinnacle-engr.com

ILLINOIS OFFICE:
1051 E. MAIN STREET - SUITE 217
EAST DUNDEE, IL 60118
(847) 551-5300

CHICAGO | MILWAUKEE | NATIONWIDE

PIPER LANE INDUSTRIAL REDEVELOPMENT PROSPECT HEIGHTS, IL

PRELIMINARY PLAT OF SUBDIVISION

REVISIONS

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

REG JOB NO.	1450.00
REG PM	
DATE	12/21/18
SCALE	1"=40'

SHEET
1
OF
2

© COPYRIGHT 2018

www.pinnacle-engr.com

12/21/2018 11:20 AM - Z:\Projects\2018\1450-00-1\312 - ENGINEERING\FINAL SHEETSET\C-1 COVER SHEET.dwg
REVIEWED: BDJ
DRAFTED: DKT
THESE PLANS AND DESIGNS ARE COPYRIGHT PROTECTED AND MAY NOT BE USED IN WHOLE OR IN PART WITHOUT THE WRITTEN CONSENT OF PINNACLE ENGINEERING GROUP, LLC
© COPYRIGHT 2016

PRELIMINARY ENGINEERING IMPROVEMENT PLANS
FOR
PIPER LANE INDUSTRIAL REDEVELOPMENT
PROSPECT HEIGHTS, IL

LEGEND

	EXISTING	PROPOSED
SANITARY MANHOLE		
STORM MANHOLE		
CATCH BASIN		
INLET		
PRECAST FLARED END SECTION		
CONCRETE HEADWALL		
VALVE VAULT		
VALVE BOX		
FIRE HYDRANT		
BUFFALO BOX		
CLEANOUT		
SANITARY SEWER		
FORCE MAIN		
STORM SEWER		
WATER MAIN		
UTILITY CROSSING		
GRANULAR TRENCH BACKFILL		
LIGHTING		
ELECTRICAL CABLE		
ELECTRICAL TRANSFORMER OR PEDESTAL		
POWER POLE		
POWER POLE WITH LIGHT		
GUY WIRE		
STREET SIGN		
GAS MAIN		
TELEPHONE LINE		
CONTOUR		
SPOT ELEVATION		
WETLANDS		
FLOODWAY		
FLOODPLAIN		
HIGH WATER LEVEL (HWL)		
NORMAL WATER LEVEL (NWL)		
DIRECTION OF SURFACE FLOW		
DITCH OR SWALE		
DIVERSION SWALE		
OVERFLOW RELIEF ROUTING		
TREE WITH TRUNK SIZE		
SOIL BORING		
TOPSOIL PROBE		
FENCE LINE, TEMPORARY SILT		
FENCE LINE, WIRE		
FENCE LINE, CHAIN LINK OR IRON		
FENCE LINE, WOOD OR PLASTIC		
CONCRETE SIDEWALK		
CURB AND GUTTER		
DEPRESSED CURB		
REVERSE PITCH CURB & GUTTER		
EASEMENT LINE		
PROPERTY LINE		

ABBREVIATIONS

BL	BASE LINE	PC	POINT OF CURVATURE
C	LONG CHORD OF CURVE	PT	POINT OF TANGENCY
C & G	CURB AND GUTTER	PVI	POINT OF VERTICAL INTERSECTION
CB	CATCH BASIN	R	RADIUS
CL	CENTERLINE	ROW	RIGHT-OF-WAY
D	DEGREE OF CURVE	SAN	SANITARY SEWER
ED	EDGE OF PAVEMENT	ST	STORM SEWER
FF	FINISHED FLOOR	T	TANGENCY OF CURVE
FG	FINISHED GRADE	TB	TOP OF BANK
FL	FLOW LINE	TF	TOP OF FOUNDATION
FP	FLOODPLAIN	TP	TOP OF PIPE
FR	FRAME	TS	TOP OF SIDEWALK
FW	FLOODWAY	W	TOP OF WALL ELEVATION
HWL	HIGH WATER LEVEL	BW	BOTTOM OF WALL
INV	INVERT	BC	BACK OF CURB
L	LENGTH OF CURVE	TDC	TOP OF DEPRESSED CURB
MH	MANHOLE	WM	WATER MAIN
NWL	NORMAL WATER LEVEL	EC	EDGE OF CONCRETE

CONTACTS

CONOR COMMERCIAL REAL ESTATE
BRIAN QUIGLEY - EXECUTIVE VICE PRESIDENT
9500 W. BRYN MAWR AVE., SUITE 200
ROSEMONT, ILLINOIS 60018
(847) 692-8700

PINNACLE ENGINEERING GROUP, LLC
BRIAN JOHNSON, P.E., CPESC
1051 E. MAIN ST, SUITE 217
EAST DUNDEE, IL 60118
(847) 551-5300

CITY OF PROSPECT HEIGHTS
8 N ELMHURST RD
PROSPECT HEIGHTS, IL 60070
(847) 398-6070

CITY OF PROSPECT HEIGHTS
PUBLIC WORKS DEPARTMENT
MARK ROSCOE - PUBLIC WORKS SUPERINTENDENT
401 PIPER LANE
PROSPECT HEIGHTS, IL 60070
(847) 398-6070 EXT. 264

CITY OF PROSPECT HEIGHTS
BUILDING DEPARTMENT
DAN PETERSON - DIRECTOR OF BUILDING AND DEVELOPMENT
8 N ELMHURST RD
PROSPECT HEIGHTS, IL 60070
(847) 398-6070 EXT. 208

UTILITY CONTACTS

ELECTRIC
COMED (800) 334-7661

NATURAL GAS
NICOR GAS (888) 642-6748
GASMAPS@NICOR.COM

TELECOMMUNICATIONS
AT&T (877) 252-1717

CABLE TELEVISION
COMCAST CABLE (866) 594-1234

BENCHMARKS

DATUM: NAVD88

BM 1 NORTHWEST CORNER OF CONCRETE SLAB
NEXT TO ABANDONED LIFT STATION AT
CENTER OF PARCEL 1.
ELEVATION = 695.69

BM 2 SOUTHEAST CORNER SPECIAL STORM
STRUCTURE AT NORTH EAST CORNER OF
EXISTING POND ON PARCEL 2.
ELEVATION = 643.77

EXISTING CONDITIONS

EXISTING TOPOGRAPHY SHOWN REPRESENTS SITE
CONDITIONS AS PREPARED BY PINNACLE ENGINEERING
GROUP, LTD., INC. ON NOVEMBER 29, 2018.
CONTRACTOR SHALL FIELD CHECK EXISTING
HORIZONTAL AND VERTICAL SITE FEATURES AND
CONDITIONS PRIOR TO CONSTRUCTION AND NOTIFY
ENGINEER OF ANY DISCREPANCIES PRIOR TO STARTING
CONSTRUCTION.

PLANS PREPARED
FOR

**CONOR
COMMERCIAL
REAL ESTATE**

9500 W. BRYN MAWR AVE. SUITE 200
ROSEMONT, IL 60018
(847) 692-8700



LOCATION MAP

SCALE: 1"=800'

GENERAL NOTES

- THE CITY OF PROSPECT HEIGHTS PUBLIC WORKS DEPARTMENT SHALL BE NOTIFIED 48 HOURS PRIOR TO COMMENCEMENT OF WORK AND 24 HOURS PRIOR TO EACH INSPECTION AT (847) 398-6070.
- ALL UTILITY COMPANIES, INCLUDING THE CITY OF PROSPECT HEIGHTS, SHALL BE CONTACTED AND THEIR FACILITIES SHALL BE LOCATED PRIOR TO ANY WORK IN ANY EASEMENT, RIGHT-OF-WAY, OR SUSPECTED UTILITY LOCATION. REPAIR OF ANY DAMAGE TO EXISTING FACILITIES SHALL BE RESPONSIBILITY OF THE CONTRACTOR. UTILITY LOCATIONS SHOWN HEREIN ARE FOR GRAPHIC ILLUSTRATION ONLY AND ARE NOT TO BE RELIED UPON.
- PRIOR TO COMMENCEMENT OF ANY OFFSITE CONSTRUCTION, THE CONTRACTOR SHALL SECURE WRITTEN AUTHORIZATION THAT ALL OFFSITE EASEMENTS HAVE BEEN SECURED, AND THAT PERMISSION HAS BEEN GRANTED TO ENTER ONTO PRIVATE PROPERTY.
- EXCEPT WHERE MODIFIED BY THE CONTRACT DOCUMENTS, ALL WORK PROPOSED HEREON SHALL BE IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS (LATEST EDITION):
 - THE SUBDIVISION AND DEVELOPMENT CODES AND STANDARDS OF THE CITY OF PROSPECT HEIGHTS.
 - "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" BY ILLINOIS DEPARTMENT OF TRANSPORTATION.
 - "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" BY ILLINOIS DEPARTMENT OF TRANSPORTATION.
 - "STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS" BY ILLINOIS DEPARTMENT OF TRANSPORTATION.
 - "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES " (M.U.T.C.D.) LATEST EDITION.
 - "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" BY ILLINOIS SOCIETY OF PROFESSIONAL ENGINEERS, ET AL.
 - OTHER STANDARDS OR SPECIFICATIONS SPECIFICALLY REFERRED TO IN AN INDIVIDUAL PROVISION OF THESE STANDARDS AND SPECIFICATIONS.
 - "ILLINOIS RECOMMENDED STANDARDS FOR SEWAGE WORKS" AS PUBLISHED BY THE I.E.P.A.
 - "ILLINOIS URBAN MANUAL" AS PREPARED BY THE U.S. DEPT. OF AGRICULTURE & IL. ASSOCIATION OF SOIL AND WATER CONSERVATION DISTRICTS.
 - THE METROPOLITAN WATER RECLAMATION DISTRICT (M.W.R.D.) TECHNICAL GUIDANCE MANUAL FOR THE IMPLEMENTATION OF THE WATERSHED MANAGEMENT ORDINANCE.
 - THE CONTRACT DOCUMENTS, GENERAL CONDITIONS, SPECIAL PROVISIONS AND SUPPLEMENTAL CONDITIONS OF THE PROJECT AS PREPARED BY PINNACLE ENGINEERING GROUP, LLC.
 - ALL DOCUMENTS CITED IN THE ABOVE STANDARDS AND SPECIFICATIONS RELEVANT TO THE SUBJECT UNDER CONSIDERATION. IF A CONFLICT ARISES BETWEEN ANY PROVISION(S) OF THE REFERENCE ITEMS ABOVE AND ANY PROVISION(S) OF THESE STANDARDS AND SPECIFICATIONS, THEN THE MORE RESTRICTIVE PROVISION(S) SHALL APPLY.
 - UPON COMPLETION OF THE PROJECT, THE DEVELOPER SHALL PROVIDE FINAL "RECORD DRAWINGS" (DIGITAL CAD AND PDF FILES, PLUS 1 MYLAR SET/PA REPRODUCIBLE, SIGNED AND SEALED BY THE ENGINEER) OF ALL INFORMATION NECESSARY FOR PERMIT CONSENT AND MUNICIPAL ACCEPTANCE. THIS MAY INCLUDE (BUT NOT LIMITED TOO) UTILITIES WHICH INCLUDE THE LOCATIONS AND ELEVATIONS OF MAINS, SERVICE LINES, STRUCTURES, PAVED AREAS, SITE GRADING (INCLUDE ADA AREAS), STORMWATER FACILITIES, STREET LIGHTS, CURBS AND MONUMENTS. FINAL DRAWINGS MUST ALSO INCLUDE A STATE PLANE COORDINATE SYSTEM TIE-IN. IN ADDITION TO THE DRAWINGS, AN ELECTRONIC FILE (IN DWG OR DGN FORMAT) OF THE RECORD DRAWINGS MUST BE SUBMITTED ON CD-ROM.

INDEX OF SHEETS

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C-3	EXISTING CONDITIONS & DEMOLITION PLAN
C-4	SITE DIMENSIONAL & PAVING PLAN
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C-11	CONSTRUCTION STANDARDS

FOR REVIEW ONLY



EXPIRATION DATE: NOVEMBER 30, 2019

Formerly JULIE 1-800-892-0123

PINNACLE ENGINEERING GROUP, LLC
ENGINEER'S LIMITATION

PINNACLE ENGINEERING GROUP, LLC AND THEIR CONSULTANTS DO NOT WARRANT OR GUARANTEE THE ACCURACY AND COMPLETENESS OF THE DELIVERABLES HEREIN BEYOND A REASONABLE DILIGENCE. IF ANY MISTAKES, OMISSIONS, OR DISCREPANCIES ARE FOUND TO EXIST WITHIN THE DELIVERABLES, THE ENGINEER SHALL BE PROMPTLY NOTIFIED PRIOR TO BID SO THAT HE MAY HAVE THE OPPORTUNITY TO TAKE WHATEVER STEPS NECESSARY TO RESOLVE THEM. FAILURE TO PROMPTLY NOTIFY THE ENGINEER OF SUCH CONDITIONS SHALL ABSOLVE THE ENGINEER FROM ANY RESPONSIBILITY FOR THE CONSEQUENCES OF SUCH FAILURE. ACTIONS TAKEN WITHOUT THE KNOWLEDGE AND CONSENT TO THE ENGINEER, OR IN CONTRADICTION TO THE ENGINEER'S DELIVERABLES OR RECOMMENDATIONS, SHALL BECOME THE RESPONSIBILITY NOT OF THE ENGINEER BUT OF THE PARTIES RESPONSIBLE FOR TAKING SUCH ACTION.

FURTHERMORE, PINNACLE ENGINEERING GROUP, LLC IS NOT RESPONSIBLE FOR CONSTRUCTION SAFETY OR THE MEANS AND METHODS OF CONSTRUCTION.

PIPER LANE INDUSTRIAL REDEVELOPMENT
150,000 SF BUILDING
PROSPECT HEIGHTS, ILLINOIS

REVISIONS

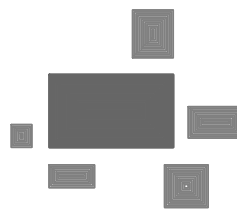
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COVER SHEET

SHEET

C-1
OF
C-11

COVER SHEET



PINNACLE ENGINEERING GROUP
ENGINEERING | NATURAL RESOURCES | SURVEYING

PLAN | DESIGN | DELIVER
www.pinnacle-engr.com

CHICAGO OFFICE:
1051 E. MAIN ST., SUITE 217
EAST DUNDEE, IL 60118
(847) 551-5300
CHICAGO | MILWAUKEE | NATIONWIDE

www.pinnacle-engr.com

REVIEWED: BDU 12/21/2018 10:29 AM - A: 2: Project (2018) 14500-0132 - ENGINEERING/FINAL SHEET (C) - PROJECT DESIGNED: DKT 12/21/2018 10:29 AM - A: 2: Project (2018) 14500-0132 - ENGINEERING/FINAL SHEET (C) - PROJECT DRAFTED: BKT 12/21/2018 10:29 AM - A: 2: Project (2018) 14500-0132 - ENGINEERING/FINAL SHEET (C) - PROJECT

GENERAL NOTES	
1.	THE STANDARD SPECIFICATIONS LISTED ON THE COVER SHEET, THESE CONSTRUCTION PLANS, THE SPECIAL PROVISIONS, GENERAL CONDITIONS AND SUBSEQUENT DETAILS ARE ALL TO BE CONSIDERED AS PART OF THE CONTRACT DOCUMENTS. INCIDENTAL ITEMS OR ACCESSORIES NECESSARY TO COMPLETE THE CONSTRUCTION WORK MAY NOT BE SPECIFICALLY NOTED BUT ARE TO BE CONSIDERED A PART OF THE CONTRACT.
2.	NO CONSTRUCTION PLANS SHALL BE USED FOR CONSTRUCTION UNLESS SPECIFICALLY MARKED "FOR CONSTRUCTION". PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE INDIVIDUAL SUBCONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AFFECTING THEIR WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE. IF THERE ARE ANY DISCREPANCIES FROM WHAT IS SHOWN ON THE CONSTRUCTION PLANS, HE MUST IMMEDIATELY REPORTED SAME TO THE ENGINEER BEFORE ANY WORK BEGINS. THE ENGINEER HAS THE RIGHT TO DISREGARD ANY WORK FOR ANY DISCREPANCY. THE INDIVIDUAL SUBCONTRACTOR SHALL BE RESPONSIBLE FOR ANY DISCREPANCY. IN THE EVENT OF DISAGREEMENT BETWEEN THE CONSTRUCTION PLANS, STANDARD SPECIFICATIONS AND/OR SPECIAL DETAILS, THE INDIVIDUAL SUBCONTRACTOR SHALL SECURE WRITTEN INSTRUCTIONS FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSIONS OR DISCREPANCIES. FAILING TO SECURE SUCH INSTRUCTION, THE INDIVIDUAL SUBCONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS OWN RISK AND EXPENSE. IN THE EVENT OF ANY DOUBT OR QUESTION ARISING WITH RESPECT TO THE TRUE MEANING OF THE CONSTRUCTION PLANS OR SPECIFICATIONS, THE DECISION OF THE ENGINEER SHALL BE FINAL AND CONCLUSIVE.
3.	ALL WORK PERFORMED UNDER THIS CONTRACT SHALL BE GUARANTEED AGAINST ALL DEFECTS IN MATERIALS AND WORKMANSHIP OF WHATEVER NATURE BY THE INDIVIDUAL SUBCONTRACTOR AND HIS SURETY FOR A PERIOD OF 24 MONTHS FROM THE DATE OF FINAL ACCEPTANCE OF THE WORK BY THE CITY, OTHER APPLICABLE GOVERNMENTAL AGENCIES, AND THE OWNER.
4.	BEFORE ACCEPTANCE BY THE OWNER AND FINAL PAYMENT, ALL WORK SHALL BE INSPECTED AND APPROVED BY THE OWNER OR HIS REPRESENTATIVE. FINAL PAYMENT WILL BE MADE AFTER ALL OF THE INDIVIDUAL SUBCONTRACTORS' WORK HAS BEEN APPROVED AND ACCEPTED, AND IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
5.	UPON AWARD OF THE CONTRACT AND WHEN REQUIRED BY THE OWNER, THE INDIVIDUAL SUBCONTRACTOR SHALL FURNISH A LABOR, MATERIAL, AND PERFORMANCE BOND IN THE PENAL SUM OF 100 PERCENT OF THE CONTRACT GUARANTEEING COMPLETION OF THE WORK, THE UNDERWRITER SHALL BE APPROVED BY THE OWNER.
6.	THE INDIVIDUAL SUBCONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS FOR CONSTRUCTION ALONG OR ACROSS EXISTING STREETS OR HIGHWAYS. THE INDIVIDUAL SUBCONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS TO USE AND ACCESS OF EXISTING STREETS. THE INDIVIDUAL SUBCONTRACTOR SHALL MAKE ARRANGEMENTS FOR THE PROPER BRACING, SHORING AND OTHER REQUIRED PROTECTION OF ALL ROADWAYS BEFORE CONSTRUCTION BEGINS. THE INDIVIDUAL SUBCONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE STREETS OR ROADWAYS AND ASSOCIATED STRUCTURES AND SHALL MAKE REPAIRS AS NECESSARY TO THE SATISFACTION OF THE ENGINEER.
7.	EASEMENTS FOR THE EXISTING UTILITIES, BOTH PUBLIC AND PRIVATE, AND UTILITIES WITHIN PUBLIC UTILITIES OF ANY ARE SHOWN ON THE PLANS ACCORDING TO PREVIOUS RECORDS. THE INDIVIDUAL SUBCONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION IN THE FIELD OF THESE UTILITY LINES AND THEIR PROTECTION FROM DAMAGE DUE TO CONSTRUCTION OPERATIONS. IF EXISTING UTILITIES ARE ENCOUNTERED BY THE CONTRACTOR, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
8.	THE INDIVIDUAL SUBCONTRACTOR SHALL REVIEW AND DETERMINE ALL IMPROVEMENTS AND SHALL VERIFY ALL QUANTITIES AS PROVIDED BY THE SOILS ENGINEER. THE INDIVIDUAL SUBCONTRACTOR SHALL REPORT ANY DISCREPANCIES TO THE ENGINEER. THE CONTRACT PRICE SUBMITTED BY THE INDIVIDUAL SUBCONTRACTOR SHALL BE CONSIDERED AS A LUMP SUM FOR THE COMPLETE PROJECT UNLESS THERE IS A PLAN REVISION AND/OR WRITTEN CHANGE TO THE SCOPE OF WORK.
9.	WHENEVER THE PERFORMANCE OF WORK IS INDICATED ON THE PLANS, AND NO ITEM IS INCLUDED IN THE CONTRACT FOR PAYMENT, THE WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
10.	WHENEVER, DURING CONSTRUCTION OPERATIONS, ANY LOOSE MATERIAL IS DEPOSITED IN THE LOW LINE OF GUTTERS, DRAINAGE STRUCTURES, DITCHES, ETC. SUCH MATERIAL SHALL BE REMOVED. IF WATER IS OBTAINED, THIS LOOSE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY BY THE RESPONSIBLE PARTY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES AND FLOW LINES SHALL BE FREE FROM DIRT AND DEBRIS. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
11.	THE INDIVIDUAL SUBCONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ADEQUATE SIGNS, TRAFFIC CONTROL DEVICES, AND WARNING DEVICES TO INFORM AND PROTECT THE PUBLIC. PHASES OF CONSTRUCTION, BRANCHES, AND WARNING SIGNS SHALL BE PROVIDED IN ACCORDANCE WITH THE I.D.O.T. STANDARD SPECIFICATIONS. ADEQUATE LIGHTING SHALL BE MAINTAINED FROM DUSK TO DAWN AT ALL LOCATIONS WHERE CONSTRUCTION OPERATIONS WARRANT, OR AS DESIGNATED BY THE ENGINEER OR CITY. ALL TRAFFIC CONTROL WORK SHALL BE DONE IN ACCORDANCE WITH THE I.D.O.T. "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES."
12.	ALL PERMANENT TYPE PAVEMENTS OR OTHER PERMANENT IMPROVEMENTS WHICH ABUT THE EXISTING PAVEMENT SHALL BE REMOVED AND REPLACED WITH SIMILAR CONSTRUCTION MATERIALS TO THEIR ORIGINAL CONDITION OR BETTER. PAYMENT FOR SAWING SHALL BE INCLUDED IN THE COST FOR REMOVAL OF EXISTING PAVEMENT. PAYMENT FOR PAINT SHALL BE PAID UNDER THE RESPECTIVE ITEMS IN THE CONTRACT, UNLESS OTHERWISE INDICATED.
13.	REMOVED PAVEMENT, SIDEWALK, CURB AND GUTTER, ETC. SHALL BE DISPOSED OF BY THE INDIVIDUAL SUBCONTRACTOR AT HIS OWN EXPENSE AT LOCATIONS APPROVED BY THE OWNER. TREES SHALL BE REMOVED ONLY AFTER RECEIVING APPROVAL OF THE OWNER. THE OWNER SHALL DESIGNATE WHICH TREES ARE TO BE REMOVED.
14.	WHERE OVERHANGING BRANCHES INTERFERE WITH OPERATIONS OF CONSTRUCTION, SAID BRANCHES SHALL BE TRIMMED AND SEAWED IN ACCORDANCE WITH ARTICLE 253.09 OF THE I.D.O.T. STANDARD SPECIFICATIONS, AND THE COST OF SAME SHALL BE INCIDENTAL TO THE CONTRACT. TREES SHALL BE REMOVED ONLY AFTER RECEIVING APPROVAL OF THE OWNER. THE OWNER SHALL DESIGNATE WHICH TREES ARE TO BE REMOVED.
15.	ALL EXISTING TRAFFIC SIGNS, STREET SIGNS, ETC., WHICH INTERFERE WITH CONSTRUCTION OPERATIONS AND ARE NOT NOTED FOR REMOVAL OR DISPOSAL, SHALL BE REMOVED AND RESET BY THE INDIVIDUAL SUBCONTRACTOR IN ACCORDANCE WITH THE I.D.O.T. STANDARD SPECIFICATIONS. IF A SIGN NEEDS TO BE MOVED, NOTIFY THE PUBLIC WORKS DEPARTMENT AT (847) 398-6070. IF A SIGN SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT, IT SHALL BE REMOVED ONLY AFTER RECEIVING APPROVAL OF THE OWNER. ITEMS SHALL BE REPAIRED BY THE INDIVIDUAL SUBCONTRACTOR AT HIS OWN EXPENSE. ALL SIGNS NOT REQUIRED TO BE RESET SHALL BE DELIVERED TO THE CITY AS APPROPRIATE. ALL MAIL BOXES THAT INTERFERE WITH CONSTRUCTION SHALL BE SIMILARLY RELOCATED AT NO ADDITIONAL COST.
16.	NOTIFY THE ENGINEER OF ALL FIELD TILE ENCOUNTERED DURING CONSTRUCTION OPERATIONS. NO FIELD TILE SHALL BE DIRECTLY OR INDIRECTLY CONNECTED TO THE PROPOSED STORM SEWER OVERLAP FACILITIES. A RECORD OF THE LOCATION OF ALL FIELD TILE SHALL BE PROVIDED TO THE ENGINEER UPON COMPLETION OF THE PROJECT. THE COST OF THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
17.	DURING CONSTRUCTION OPERATIONS THE INDIVIDUAL SUBCONTRACTOR SHALL INSURE POSITIVE DRAINAGE AT THE CONCLUSION OF EACH DAY. DRAINAGE MAY BE ACHIEVED BY DITCHING, PUMPING OR ANY OTHER ACCEPTABLE METHOD. THE INDIVIDUAL SUBCONTRACTORS FAILURE TO PROVIDE THE ABOVE WILL PRECLUDE ANY POSSIBLE ADDED COMPENSATION REQUESTED DUE TO DELAYS OR UNSUITABLE MATERIALS CREATED AS A RESULT THEREOF.
18.	IT SHALL BE THE RESPONSIBILITY OF THE INDIVIDUAL SUBCONTRACTOR TO REMOVE FROM THE SITE ANY AND ALL MATERIALS AND DEBRIS WHICH RESULT FROM HIS CONSTRUCTION OPERATIONS AT NO ADDITIONAL EXPENSE TO THE OWNER.
19.	THE INDIVIDUAL SUBCONTRACTOR SHALL COMPLY WITH AND OBSERVE THE RULES AND REGULATIONS OF O.S.H.A. AND APPROPRIATE AUTHORITIES REGARDING SAFETY PROVISIONS.
20.	THE ENGINEER AND OWNER ARE NOT RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, TIME OR PERFORMANCE, PROGRAMS, OR FOR ANY SAFETY PRECAUTIONS USED BY THE INDIVIDUAL SUBCONTRACTOR. THE INDIVIDUAL SUBCONTRACTOR IS SOLELY RESPONSIBLE FOR EXECUTION OF HIS WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND SPECIFICATIONS.
21.	ALL INDIVIDUAL SUBCONTRACTORS AND THEIR SUBCONTRACTORS OR ANY TIER SHALL INDEMNIFY THE OWNER, ENGINEER, AND ARCHITECT FROM ALL LIABILITY RESULTING FROM ANY NEGLIGENCE ACT OR OMISSION WITH THEIR CONSTRUCTION, INSTALLATION, AND TESTING OF CONSTRUCTION OPERATIONS. THE INDIVIDUAL SUBCONTRACTOR SHALL BE RESPONSIBLE FOR THE GENERAL LIABILITY POLICIES FOR CLAIMS ARISING OUT OF THE WORK ON THIS PROJECT. A PROPER CERTIFICATE OF INSURANCE SHALL BE ISSUED PRIOR TO THE START OF CONSTRUCTION.
22.	ELECTRIC, TELEPHONE, NATURAL GAS, AND OTHER UTILITY COMPANIES HAVE UNDERGROUND FACILITIES IN THE FIELD AREAS. THE INDIVIDUAL SUBCONTRACTOR SHALL BE RESPONSIBLE FOR HAVING THE UTILITY COMPANIES LOCATE THEIR FACILITIES IN THE FIELD PRIOR TO CONSTRUCTION AND SHALL ALSO BE RESPONSIBLE FOR THE MAINTENANCE AND PRESERVATION OF THESE FACILITIES. THE CONTRACTOR SHALL CALL 811 FOR UTILITY LOCATIONS.
23.	THE INDIVIDUAL SUBCONTRACTOR TO HAVE A COMPETENT SUPERINTENDENT ON THE PROJECT SITE AT ALL TIMES IRRESPECTIVE OF THE AMOUNT OF WORK SUBLET THE SUPERINTENDENT SHALL BE RESPONSIBLE FOR THE CONSTRUCTION PLANS AND SPECIFICATIONS. THE SUPERINTENDENT SHALL HAVE FULL AUTHORITY TO EXECUTE ORDERS TO EXPEDITE THE PROJECT, AND SHALL BE RESPONSIBLE FOR SCHEDULING AND HAVE CONTROL OF ALL WORK AS THE AGENT OF THE INDIVIDUAL SUBCONTRACTOR. FAILURE TO COMPLY WITH THIS PROVISION WILL RESULT IN A SUSPENSION OF WORK.
24.	THE INDIVIDUAL SUBCONTRACTOR SHALL KEEP A SET OF "APPROVED" CONSTRUCTION PLANS ON THE JOB SITE, AND SHALL MAINTAIN (AS INDICATED HEREIN AND ELSEWHERE WITHIN THESE CONSTRUCTION NOTES, SPECIFICATIONS, AND PLANS) A LEGIBLE RECORD ON S&D PLANS OF THE FIELD TILE ENCOUNTERED, ANY MODIFICATIONS TO ALIGNMENT AND/OR PLANS AND SPECIFICATIONS OF PROPOSED IMPROVEMENTS, ETC. UPON COMPLETION OF THE INDIVIDUAL SUBCONTRACTOR'S WORK, THE INDIVIDUAL SUBCONTRACTOR SHALL SUBMIT A SET OF FINAL CONTRACT PAYMENT SHALL NOT COME DUE UNTIL THIS INFORMATION IS RECEIVED BY THE ENGINEER.

EARTHWORK	
1.	WORK UNDER THIS SECTION SHALL INCLUDE, BUT NOT BE LIMITED TO, THE FOLLOWING: A. CLEARING AND REMOVAL OF ALL UNDESIRABLE TREES AND OTHER VEGETATIVE GROWTH WITHIN THE CONSTRUCTION AREA. MATERIAL SHALL BE AS DESIGNATED BY THE OWNER AND SHALL BE KEPT TO A MINIMUM. WHERE FEASIBLE, AND WHEN PERMITTED BY OWNER, TREES AND BRUSH REMOVED MAY BE BURIED ON SITE IN FUTURE YARD AND OPEN SPACE AREAS. IF ADEQUATE AND APPROPRIATE SPACE IS NOT AVAILABLE FOR ON SITE BURIAL, THE TREES AND BRUSH SHALL BE DISPOSED OFF SITE. B. STRIPPING OF TOPSOIL FROM ALL STREET, DRIVEWAY, PARKING AREA, RIGHT-OF-WAY, BUILDING PAD, AND OTHER DESIGNATED AREAS. C. STOCKPILING OF TOPSOIL AT LOCATIONS AS DIRECTED BY THE OWNER. TOPSOIL STOCKPILED FOR FUTURE USE SHALL BE RELAYED TO THE ENGINEER PRIOR TO THE START OF CONSTRUCTION. STONES LARGER THAN ONE INCH DIAMETER, OR OTHER LITTER AND WASTE PRODUCTS INCLUDING EXTRANEOUS MATERIALS NOT CONDUCTIVE TO PLANT GROWTH, TOPSOIL SHALL BE STOCKPILED FROM THE EXISTING TO THE PROPOSED GRADE OR NOT BE USED BY THE CONTRACTOR. FAILURE TO PROPERLY SEQUENCE THE STOCKPILING OPERATIONS SHALL NOT CONSTITUTE A CLAIM FOR ADDITIONAL COMPENSATION. NO MATERIAL SHALL BE STOCKPILED IN FRONT YARDS, OVERLAP AND DRAINAGE SWALES (FLOOD ROUTING AREAS), PROPOSED UTILITY LOCATIONS, UTILITY EASEMENTS, OR IN THE RIGHT-OF-WAY. D. REMOVING UNSUITABLE MATERIALS STOCKPILED FROM ROADWAY, DRIVEWAY/PARKING, BUILDING PAD, AND OTHER DESIGNATED AREAS. E. DEMOLITION AND REMOVAL OF EXISTING PAVEMENTS INCLUDING OFFSITE DISPOSAL OF SAME, AT A DUMP SITE AS SELECTED BY THE CONTRACTOR. ONSITE DISPOSAL MAY BE ALLOWED IF APPROVED BY THE OWNER. F. CLAY CUT AND CLAY FILL WITH COMPACT WITHIN ROADWAY, DRIVEWAY/PARKING, BUILDING PAD, AND OTHER DESIGNATED AREAS. G. EXCAVATION AND GRADING OF THE OPEN SPACE AND/OR YARD AREAS PER PLAN INCLUDING DESIGNATED DETENTION BASIN GRADING, CONSTRUCTION OF BERMS, ETC. H. PLACEMENT AND COMPACT OF FILL MATERIAL TO THE DESIGN SUBGRADE ELEVATIONS AS REQUIRED BY THE STANDARDS AND DETAILS ON THE CONSTRUCTION PLANS. THE CONTRACTOR WILL NOTE THAT THE ELEVATIONS SHOWN ON THE CONSTRUCTION PLANS ARE FINISHED GRADE ELEVATIONS AND THAT PAVEMENT AND/OR TOPSOIL REPLACEMENT THICKNESS MUST BE SUBTRACTED TO DETERMINE SUBGRADE ELEVATIONS. I. EROSION AND PROTECTION OF NON-STRUCTURAL AREAS SHALL NOT BE DISTURBED. J. IF REQUIRED, REMOVAL FROM SITE AND DISPOSAL OF ANY EXCESS OR UNSUITABLE MATERIAL UPON COMPLETION OF MASS GRADING. K. COVER AND PROTECTION OF SOILS FROM THE CONSTRUCTION OF UNDERGROUND UTILITIES. L. BACKFILLING OF CURBS AND/OR PAVEMENT AND SIDEWALK AFTER INSTALLATION OF SAME IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. M. FINAL SHAPING AND TRIMMING TO THE LINES, GRADES, AND CROSS SECTIONS SHOWN IN THE CONSTRUCTION PLANS AND TOPSOIL PLACEMENT ON FINISHED GRADE ELEVATIONS AT LOCATIONS DESIGNATED IN THE CONTRACT DOCUMENTS. N. SOIL EROSION CONTROL MEASURES IN ACCORDANCE WITH THE SOIL EROSION CONTROL SPECIFICATIONS INCLUDED WITHIN THE CONTRACT DOCUMENTS.
2.	THE QUANTITIES GIVEN IN THE ENGINEER'S SUMMARY FOR EARTHWORK ARE INTENDED AS A GUIDE FOR THE CONTRACTOR IN DETERMINING THE SCOPE OF THE COMPLETED PROJECT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ALL MATERIAL QUANTITIES AND APPRISE HIMSELF OF SITE CONDITIONS. THE CONTRACT PRICE SUBMITTED BY THE CONTRACTOR SHALL BE CONSIDERED AS LUMP SUM FOR THE COMPLETE PROJECT. NO CLAIMS FOR EXTRA WORK WILL BE RECOGNIZED UNLESS ORDERED IN WRITING BY THE OWNER.
3.	PRIOR TO ONSET OF MASS GRADING OPERATIONS, THE EARTHWORK CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE SOIL EROSION CONTROL SPECIFICATIONS. THE INITIAL ESTABLISHMENT OF EROSION CONTROL PROCEDURES INCLUDING FILTER FENCING, ETC., TO PROTECT ADJACENT PROPERTY SHALL OCCUR BEFORE MASS GRADING BEGINS, AND IN ACCORDANCE WITH THE SOIL EROSION CONTROL CONSTRUCTION SCHEDULE.
4.	PRIOR TO COMMENCEMENT OF GRADING ACTIVITIES, A TREE PROTECTION FENCE SHALL BE ERRECTED AROUND ANY TREE DESIGNATED ON THE PLANS TO BE PRESERVED. SAID FENCE SHALL BE PLACED IN A CIRCLE CENTERED AROUND THE TREE, THE DIAMETER OF WHICH SHALL BE SUCH THAT THE ENTIRE DRIP ZONE (EXTENT OF FURTHER EXTENDING BRANCHES) SHALL BE WITHIN THE FENCE LIMITS. THE EXISTING GRADE WITHIN THE FENCED AREA SHALL NOT BE DISTURBED.
5.	THE GRADING OPERATIONS ARE TO BE CLOSELY SUPERVISED AND INSPECTED, PARTICULARLY DURING THE REMOVAL OF UNSUITABLE MATERIAL AND THE CONSTRUCTION OF EMBANKMENTS OR BUILDING PADS, BY THE SOILS ENGINEER OR HIS REPRESENTATIVE. ALL TESTING, INSPECTION OPERATIONS, AND QUALITY CONTROL OF THE GRADING WORK SHALL BE THE RESPONSIBILITY OF THE SOILS ENGINEER. THE GRADING OPERATIONS SHALL BE ENTIRELY THE RESPONSIBILITY OF THE SOILS ENGINEER.
6.	A QUALIFIED SOILS ENGINEER SHALL REGULARLY INSPECT THE EXCAVATION OF ANY OPEN WATER AREAS TO INSURE THAT THE FILL IS CAPABLE OF MAINTAINING DESIGNED NORMAL WATER LEVELS, GRAVEL OR SAND SEAMS OR OTHER CONDITIONS WHICH MAY BE ENCOUNTERED, AND WHICH MIGHT TEND TO DEGRADE THESE AREAS. SAID SHALL BE REMEDIED AS DIRECTED BY THE SOILS ENGINEER (FOR EXAMPLE, LINING, CLAY BLANKET, BENTONITE, ETC.).
7.	THE GRADING AND CONSTRUCTION OF THE SITE IMPROVEMENTS SHALL NOT CAUSE PONDING OF WATER IN AREAS ADJACENT TO THESE IMPROVEMENTS. SHALL BE GRADO TO ALLOW POSITIVE DRAINAGE.
8.	THE PROPOSED GRADING ELEVATIONS SHOWN ON THE PLANS ARE FINISHED GRADE. TOPSOIL OF THE THICKNESS SHOWN IN THE STANDARDS AND DETAILS ON THE CONSTRUCTION PLANS IS TO BE PLACED BEFORE FINISHED GRADE ELEVATIONS ARE ACHIEVED.
9.	THE SELECTED STRUCTURAL FILL MATERIAL SHALL BE PLACED IN LEVEL UNIFORM LAYERS SO THAT THE COMPACTED THICKNESS IS APPROXIMATELY 10 INCHES. IF THE FIELD TILE DEMONSTRATES THE ABILITY TO COMPACT GREATER THICKNESS, THEN A GREATER THICKNESS MAY BE ALLOWED WITH APPROVAL FROM SOILS ENGINEER. EACH LAYER SHALL BE THOROUGHLY MIXED DURING SPREADING TO INSURE UNIFORMITY.
10.	EMBANKMENT MATERIAL WITHIN ROADWAY, DRIVEWAY, PARKING AREAS, AND OTHER STRUCTURAL CLAY FILL AREAS SHALL BE COMPACTED TO A MINIMUM OF NINETY PERCENT (90%) OF MAXIMUM DENSITY IN ACCORDANCE WITH ASTM SPECIFICATION D-1557 (MODIFIED PROCTOR METHOD). EXCEPTED MATERIALS MAY BE USED IN ACCORDANCE WITH THE I.D.O.T. STANDARD SPECIFICATIONS. EMBANKMENT MATERIAL FOR BUILDING PADS SHALL BE COMPACTED TO A MINIMUM OF NINETY FIVE PERCENT (95%) OF MAXIMUM DENSITY IN ACCORDANCE WITH ASTM SPECIFICATION D-1557 (MODIFIED PROCTOR METHOD), OR TO SUCH OTHER DENSITY MAY BE DETERMINED APPROPRIATE BY THE SOILS ENGINEER.
11.	EMBANKMENT MATERIAL (RANDOM FILL) WITHIN NON-STRUCTURAL FILL AREAS SHALL BE COMPACTED TO A MINIMUM OF EIGHTY FIVE PERCENT (85%) OF MAXIMUM DENSITY IN ACCORDANCE WITH ASTM SPECIFICATION D-1557 (MODIFIED PROCTOR METHOD), OR TO SUCH OTHER DENSITY AS MAY BE DETERMINED APPROPRIATE BY THE SOILS ENGINEER.
12.	THE SURFACE VEGETATION, TOPSOIL, AND ANY OBVIOUSLY SOFT UNDERLYING SOIL, SHOULD BE STRIPPED FROM ALL AREAS TO RECEIVE CLAY FILL IF THE UNDERLYING SUBGRADE SOILS RUT DEEPER THAN ONE INCH UNDER THE CONSTRUCTION EQUIPMENT OR IF THE MOISTURE CONTENT EXCEEDS THAT NEEDED FOR PROPER COMPACTION. THE SOIL SHALL BE SCARIFIED, DRIED AND RECOMPACTED TO THE REQUIRED SPECIFICATIONS (SEE SECTIONS 205 AND 301 OF THE I.D.O.T. SPECIFICATIONS).
13.	ALL PAVEMENT SUBGRADE SHALL HAVE A MINIMUM RIR OF 3.0 AS DETERMINED BY THE SOILS ENGINEER. THE PROPOSED PAVEMENT DESIGN HAS BEEN BASED ON A MINIMUM RIR OF 3.0. THEREFORE, IF AREAS OF PAVEMENT SUBGRADE ARE ENCOUNTERED WHICH DO NOT PROVIDE A MINIMUM RIR OF 3.0, SUBGRADE REPLACEMENT OR PAVEMENT DESIGN REVISIONS SHALL BE PROVIDED WHICH ARE ADEQUATE TO OBTAIN EQUIVALENT PAVEMENT STRENGTH, AS DETERMINED BY THE SOILS ENGINEER AND THE ENGINEER.
14.	PRIOR TO UTILITY CONSTRUCTION, PROPOSED PAVEMENT AREAS, BUILDING PADS, DRIVEWAYS AND SIDEWALKS, AND YARD/OPEN SPACE AREAS SHALL BE ROUGH EXCAVATED OR FILLED TO PLUS OR MINUS ONE FOOT OF DESIGN SUBGRADE ELEVATIONS BY THE CONTRACTOR.
15.	COMPLETED GRADING FOR PROPOSED BUILDING PADS, AS WELL AS PROPOSED SUBGRADE AREAS FOR PAVEMENT, DRIVEWAYS AND SIDEWALKS, AND YARD/OPEN SPACE AREAS SHALL BE WITHIN A TOLERANCE OF PLUS OR MINUS 0.01 FOOT OF DESIGN SUBGRADE ELEVATIONS.
16.	THE SUBGRADE FOR PROPOSED STREET AND PAVEMENT AREAS SHALL BE PROOF-ROLLED BY THE CONTRACTOR AND ANY UNSTABLE AREAS ENCOUNTERED SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE SOILS ENGINEER.
17.	UPON COMPLETION OF THE SURFACE IMPROVEMENTS, AND EXCEPT WHERE OTHERWISE NOTED, THE EXCAVATION CONTRACTOR SHALL RESPECT THE EXISTING OR PROPOSED GRADING, AND OTHER NON-STRUCTURAL AREAS PER PLAN, SAID DESIGNATED AREAS TO BE RESPECTED BY THE EXCAVATION CONTRACTOR SHALL BE AS INDICATED WITHIN THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMAINING AREAS BY THE LANDSCAPE CONTRACTOR.
18.	RIPRAP MATERIAL TO BE PROVIDED IN CONJUNCTION WITH THE EARTHWORK IMPROVEMENTS SHALL CONFORM TO SECTION 281 OF THE I.D.O.T. SPECIFICATIONS.
19.	SOIL BORING REPORTS, AVAILABLE AT THE OFFICE OF THE ENGINEER AND THE OWNER, ARE SOLELY FOR THE INFORMATION AND GUIDANCE OF THE CONTRACTORS. THE OWNER AND ENGINEER MAKE NO REPRESENTATION OR WARRANTY REGARDING THE INFORMATION CONTAINED IN THE BORING LOGS. THE CONTRACTOR SHALL MAKE HIS OWN INVESTIGATIONS AND SHALL OBTAIN HIS OWN WORK ACCORDINGLY. A RECORD OF THE LOCATION OF ALL FIELD TILE SHALL BE PROVIDED TO THE ENGINEER UPON REQUEST OF THE OWNER. THERE WILL BE NO ADDITIONAL PAYMENT FOR EXPENSES INCURRED BY THE CONTRACTOR RESULTING FROM ADVERSE SOIL OR GROUND WATER CONDITIONS.
20.	IF SHOWN ON THE PLANS, OPEN AREAS TO BE SEEDED SHALL BE SEEDS IN ACCORDANCE WITH THE SOIL EROSION CONTROL SPECIFICATIONS AND FINAL LANDSCAPE PLAN.
21.	IT SHALL BE THE RESPONSIBILITY OF THE EXCAVATION CONTRACTOR TO REMOVE FROM THE SITE ANY AND ALL MATERIALS AND DEBRIS WHICH RESULT FROM HIS CONSTRUCTION OPERATIONS AT NO ADDITIONAL EXPENSE TO THE OWNER.
22.	SOILS ENGINEER SHALL BE ON SITE DURING ALL EARTHWORK OPERATIONS, PAVING, AND CONCRETE PREPARATION AND POUR.

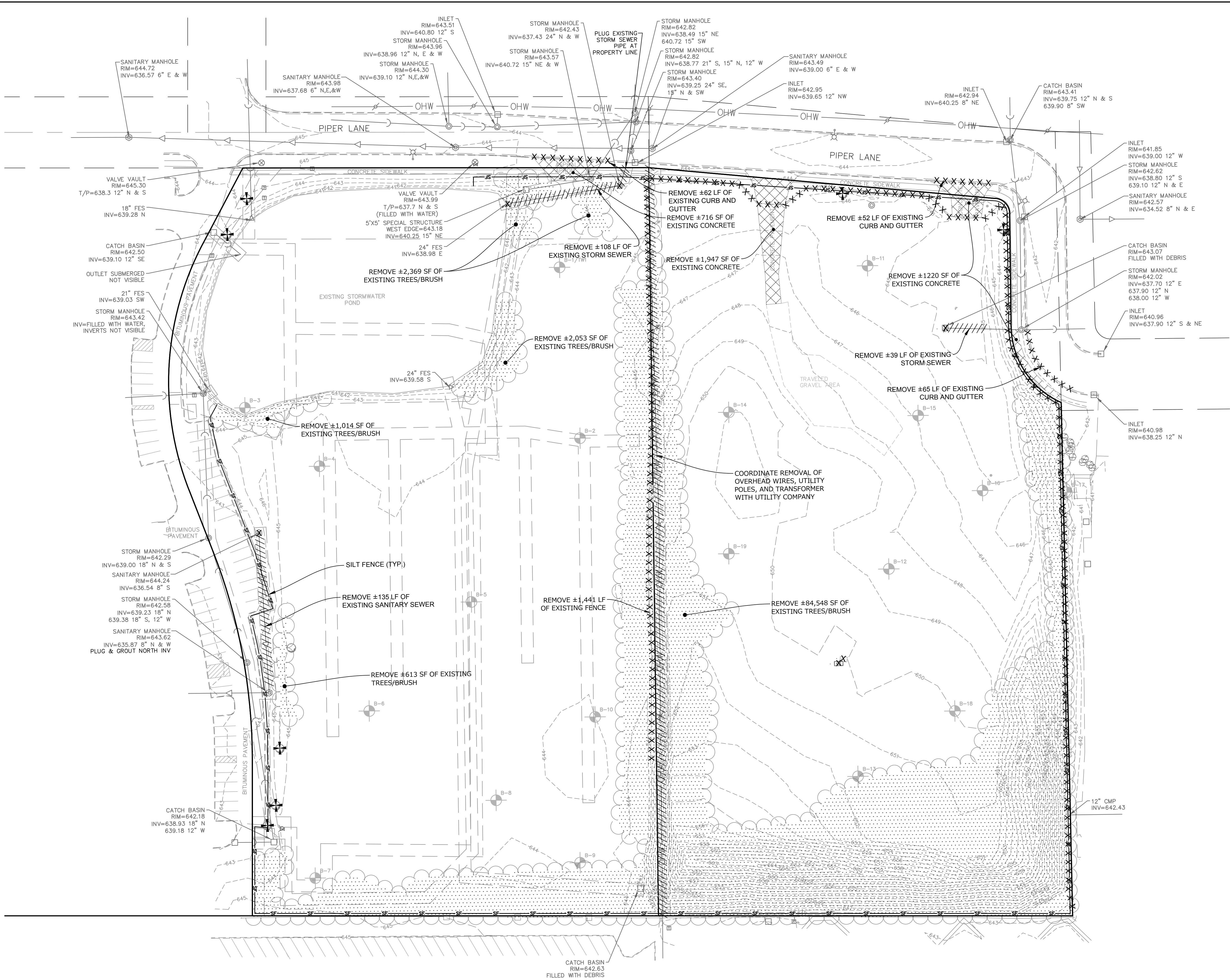
UNDERGROUND UTILITIES	
1.	WORK UNDER THIS SECTION SHALL INCLUDE TRENCHING, AUGERING AND INSTALLATION OF PIPE, CASTINGS, STRUCTURES, BACKFILLING OF TRENCHES AND COMPACTION, AND TESTING AS SHOWN ON THE CONSTRUCTION PLANS. FITTING AND ADJUSTMENTS NECESSARY TO COMPLETE THE WORK MAY NOT BE SPECIFIED BUT SHALL BE CONSIDERED AS INCIDENTAL TO THE COST OF THE CONTRACT.
2.	ALL SEWER AND WATER MAIN SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR SEWER AND WATER MAIN CONSTRUCTION IN ILLINOIS," 2009 EDITION, THE MWRD SEWER PERMIT ORDINANCE AND THE STANDARD SPECIFICATIONS OR CONSTRUCTION DETAILS AND ORDINANCES OF THE MUNICIPALITY.
3.	ROUGH GRADING TO WITHIN ONE FOOT OF FINISHED SUBGRADE SHALL BE COMPLETED BY THE EARTHWORK CONTRACTOR PRIOR TO COMMENCEMENT OF UNDERGROUND UTILITY INSTALLATION.
4.	ALL UTILITY TRENCHES BENEATH PROPOSED OR EXISTING UTILITIES, PROPOSED OR EXISTING PAVEMENT, EXISTING DRIVEWAYS AND SIDEWALKS, PROPOSED DRIVEWAYS AND SIDEWALKS WHERE DESIGNATED BY THE OWNER AND AT A 1:1 SLOPE ON EITHER SIDE OF SAME, AND/OR WHEREVER ELSE SHOWN ON THE CONSTRUCTION PLAN SHALL BE BACKFILLED WITH SELECT GRANULAR IN ACCORDANCE WITH THE CONSTRUCTION STANDARDS.
5.	"BAND-SEAL" OR SIMILAR FLEXIBLE TYPE COUPLINGS SHALL BE USED WHEN CONNECTING SEWER PIPES OF DISSIMILAR MATERIALS. WHEN CONNECTING TO AN EXISTING SEWER MAIN BY MEANS OTHER THAN AN EXISTING WYE, TEE, OR AN EXISTING MANHOLE, ONE OF THE FOLLOWING METHODS SHALL BE USED: A. CIRCULAR SAW-CUT OF SEWER MAIN BY PROPER TOOLS ("SHEWER-TAP" MACHINE OR SIMILAR) AND PROPER INSTALLATION OF HUB-WYE SADDLE OR HUB-TEE SADDLE. B. REMOVE AN ENTIRE SECTION OF PIPE (BREAKING UP THE TOP OF ONE BELL) AND REPLACE WITH A WYE OR TEE BRANCH SECTION. C. WITH A PIPE CUTTER, NEATLY AND ACCURATELY CUT OUT DESIRED LENGTH OF PIPE FOR INSERTION OF PROPER FITTING, USING "BAND-SEAL" OR SIMILAR COUPLINGS TO HOLD IT FIRMLY IN PLACE.
6.	ALL FLOOR DRAINS AND FLOOR DRAIN SUMP PUMPS SHALL DISCHARGE INTO THE SANITARY SEWER. ALL DOWNSPOUTS, FOOTING DRAINS AND SUBSURFACE STORMWATERS SHALL DISCHARGE INTO THE STORM SEWER OR ONTO THE GROUND BUT NOT INTO THE SANITARY SEWER.
7.	SANITARY SEWERS SHALL BE CONSTRUCTED OF THE FOLLOWING MATERIALS UNLESS SPECIFIED OTHERWISE ON THE PLANS: A. POLYVINYL CHLORIDE PLASTIC GRAVITY SEWER PIPE (PVC) CONFORMING TO ASTM DESIGNATION D-3035 FOR PIPE SIZES OF 18 INCH DIAMETER OR LESS, AND CONFORMING TO ASTM DESIGNATION F-679 FOR PIPE OF 18 INCH TO 21 INCH DIAMETER, WITH AN SDR OF 26, WITH ELASTOMERIC GASKET JOINTS CONFORMING TO ASTM DESIGNATION D-3212. THE GASKETS SHALL BE 1/8 INCH THICK AND 1/4 INCH DIAMETER. B. WATER MAIN QUALITY C-90 PRESSURE PIPE IN ACCORDANCE WITH AWWA C900 FOR SIZES 4 INCH TO 12 INCH DIAMETER. THE EXISTING GRADE WITHIN THE FENCED AREA SHALL NOT BE DISTURBED. C. PIPE JOINTS SHALL BE FLEXIBLE ELASTOMERIC SEALS PER ASTM D-3139 AND F-477.
8.	SANITARY SEWER MANHOLES SHALL HAVE ECCENTRIC CONES. CONE OPENINGS SHALL BE CENTERED PARALLEL TO THE MAINLINE FLOW. ALL STRUCTURE SECTIONS AND ADJUSTING RINGS SHALL BE SECURELY SEALED TO EACH OTHER OR TO THE CONE SECTION OR TOP BARREL SECTION. THE MANHOLE UNITS SHALL BE COLOR-CODED IN ACCORDANCE WITH THE STANDARDS. THE MASTIC (RAM-NEK, OR APPROVED EQUAL), THIS MASTIC SHALL BE APPLIED IN SUCH A MANNER THAT NO SURFACE WATER OR GROUND WATER CAN ENTER THE MANHOLE THROUGH THE GAP BETWEEN BARREL SECTIONS, OR CONE SECTIONS AND ADJUSTING RINGS. SANITARY SEWER MANHOLES SHALL BE 4 FOOT DIAMETER PRECAST STRUCTURES, WITH APPROPRIATE FRAME AND REINFORCED MANHOLE WALLS. THE EXISTING GRADE WITHIN THE FENCED AREA SHALL NOT BE DISTURBED. INCORPORATE THE USE OF EXTERNAL CHIMNEY SEALS (SEE CONSTRUCTION STANDARDS).
9.	ALL SANITARY SEWERS, STORM SEWERS, AND SEWER SERVICES IN SEPARATE SEWER AREAS SHALL BE INSTALLED ON GRANULAR CRUSHED STONE BEDDING CLASS 1A (L.O.D.I. GRADATION CA-11), CONFORMING TO ASTM D-2321, WITH A MINIMUM THICKNESS EQUAL TO ONE FOURTH OF THE OUTSIDE DIAMETER OF THE SEWER PIPE, BUT NOT LESS THAN 4 INCHES. THE BEDDING SHALL EXTEND TO THE SPRING LINE OF THE PIPE IN ALL CASES (UNLESS OTHERWISE SPECIFIED). THE EXISTING GRADE WITHIN THE FENCED AREA SHALL NOT BE DISTURBED. THE BEDDING SHALL EXTEND TO 1 FOOT ABOVE THE TOP OF THE PIPE. BEDDING MATERIAL SHALL CONFORM TO THE REQUIREMENTS OF ASTM C-33 FOR SOUNDNESS AND ASTM C-67 FOR COMPACTION. THE COST FOR THE BEDDING SHALL BE INCLUDED IN THE UNIT PRICE FOR THE SEWER, WATER MAIN, ETC. SEE MWRD GENERAL NOTE 6 FOR SANITARY AND STORM BEDDING REQUIREMENTS IN COMBINED SEWER AREAS.
10.	ALL SANITARY SERVICE CONNECTIONS TO MAINLINE SEWER SHALL BE MADE WITH PRECAST WYES OR TEES MANUFACTURED SPECIFICALLY FOR THAT PURPOSE. SANITARY SEWER SERVICE MATERIAL TO BE SAME AS MAINLINE SEWER UNLESS SPECIFICALLY INDICATED OTHERWISE.
11.	SANITARY SERVICES SHALL BE LAID TO A MINIMUM GRADE OF 1.0 PERCENT. THE END OF EACH SERVICE SHALL BE SEALED WITH A MANUFACTURER'S WATERTIGHT GULP. SANITARY SERVICE STUBS SHALL BE MARKED IN ACCORDANCE WITH THESE CONSTRUCTION NOTES.
12.	STORM SEWERS SHALL BE CONSTRUCTED OF THE FOLLOWING MATERIALS UNLESS SPECIFIED OTHERWISE ON THE PLANS: A. REINFORCED CONCRETE CULVERT PIPE OF THE CLASS LISTED ON THE PLAN, CONFORMING TO ASTM DESIGNATION C-76. FOR 10" DIAMETER PIPE CLASS III, THE PIPE MAY CONFORM TO ASTM DESIGNATION C-14. JOINTS SHALL BE RUBBER RING SEAL ASHTM D-3139. B. BUTYRUMINUS MASTIC COMPOUND IN ACCORDANCE WITH ASTM DESIGNATION C-76 (OR C-14 AS MAY BE APPLICABLE), EXCEPT WHERE DESIGNATED OTHERWISE ON THE PLANS AT LOCATIONS WHERE THE STORM SEWER IS TO BE INSTALLED AT AN EXISTING MANHOLE. C. CONFORMANCE WITH ASTM C-443 SHALL BE USED. D. POLYVINYL CHLORIDE PLASTIC GRAVITY SEWER PIPE (PVC) - ASTM D-2241, 160 PSI PRESSURE PIPE, SDR 26, PUSH ON BELL AND SPIGOT TYPE WITH RUBBER RING SEAL ASHTM D-3139. E. DUCTILE IRON PIPE CLASS 52 CONFORMING TO AWWA C151 WITH JOINTS CONFORMING TO AWWA C111.
13.	STORM SEWER MANHOLES SHALL BE PRECAST STRUCTURES, WITH THE DIAMETER DEPENDING ON THE PIPE SIZE AND WITH APPROPRIATE FRAME AND LIDS (SEE CONSTRUCTION STANDARDS). WHERE NOTED ON THE PLANS OR CONSTRUCTION STANDARDS, MANHOLES SHALL INCORPORATE WATER TIGHT GASKETS AT ALL JOINT PERIMETERS AT ALL JOINT PERIMETERS.
14.	WATER MAIN SHALL BE DUCTILE IRON PIPE, CLASS 52 CONFORMING TO ANSI A-21.51 OR AWWA C-151. RUBBER-GASKET JOINTS SHALL CONFORM TO ANSI A-21.11 OR AWWA C-111. MIN. COVER FROM FINISHED GRADE TO TOP OF WATER MAIN SHALL BE: 5'-5". WATERMAIN SHALL BE CEMENT LINED IN CONFORMANCE WITH ANSI A21.4 OR AWWA C-104.
15.	WATER MAIN FITTINGS (BENDS, ELBOWS, TEES, INCREASES, REDUCERS, ETC.) MAY OR MAY NOT BE SPECIFICALLY REFERENCED ON THE CONSTRUCTION PLANS, HOWEVER, THEY ARE TO BE CONSIDERED AS INCIDENTAL AND INCLUDED IN THE LINEAL FOOTAGE COST OF THE WATER MAIN.
16.	UNLESS NOTED OTHERWISE, GATE VALVES IN ACCORDANCE WITH CITY STANDARDS SHALL BE USED WHEREVER VALVES ARE CALLED FOR. VALVES SHALL BE IRON BODY, BRONZE MOUNTED, NON-FRIL RESILIENT SEAT, PRESSURE RATING 150 PSI. ALL VALVES SHALL BE RATED FOR 300 PSI TEST PRESSURE AND 200 PSI WORKING PRESSURE.
17.	VALVE VALVES SHALL BE USED AT LOCATIONS SHOWN ON THE PLANS. VALVES SHALL BE PRECAST CONCRETE STRUCTURES, WITH APPROPRIATE FRAME AND LIDS (SEE CONSTRUCTION STANDARDS SHEET).
18.	HYDRANTS SHALL BE OF THE MANUFACTURE AND EQUIPPED WITH AUXILIARY VALVES AND VALVE OPERATING MECHANISMS AS REQUIRED BY THE CITY. HYDRANTS SHALL BE EQUIPPED WITH TWO 1/2 INCH HOSE NOZZLE AND ONE 4 1/2 INCH PUMPER PORT. HOSE THREADS SHALL BE THE STANDARD OF THE MUNICIPALITY. ALL HYDRANTS SHALL BE OPEN LEFT (COUNTER-CLOCKWISE). ALL FIRE HYDRANTS SHALL BE SET 3 FEET TO 7 FEET FROM BACK OF CURB.
19.	WATER SERVICES SHALL BE LAID NOT LESS THAN 5.5 FEET BELOW GRADE. A REDUCED PRESSURE ZONE BACKFLOW PREVENTER SHALL BE PROVIDED AND INSTALLED PER CITY REQUIREMENTS.
20.	THRUST BLOCKING SHALL BE INSTALLED ON WATER MAINS AT ALL BENDS, TEES, ELBOWS, ETC. COST SHALL BE MERGED WITH UNIT PRICE FOR INSTALLED PIPE. RETAINER GUARDS OR MEGA-LUG FITTINGS MAY BE USED AS AN ALTERNATE IF APPROVED BY THE MUNICIPALITY.
21.	ALL WATER MAINS SHALL HAVE COMPACTED (CA-6) GRANULAR BEDDING, A MINIMUM OF 4 INCHES BELOW THE BOTTOM OF THE PIPE FOR THE FULL LENGTH. COST FOR BEDDING SHALL BE MERGED WITH THE UNIT PRICE BID FOR THE WATER MAIN.
22.	WHENEVER POSSIBLE, A WATER MAIN MUST BE LAID AT LEAST 10 FEET HORIZONTALLY FROM ANY EXISTING OR PROPOSED DRAIN OR SEWER LINE. SHOULD LOCAL CONDITIONS EXIST WHICH WOULD PREVENT A LATERAL SEPARATION OF 10 FEET, A WATER MAIN MAY BE LAID CLOSER THAN 10 FEET TO A STORM OR SANITARY SEWER PROVIDED THAT THE MAINLINE INVERT IS AT LEAST 18 INCHES ABOVE THE CROWN OF THE SEWER, AND IS EITHER IN A SEPARATE TRENCH OR IN THE SAME TRENCH ON AN UNDISTURBED EARTH SHEL LOCATED TO ONE SIDE OF THE SEWER. IT IS POSSIBLE TO OBTAIN PROPER HORIZONTAL OR VERTICAL SEPARATION AS DESCRIBED ABOVE, THEN THE SEWER MUST ALSO BE CONSTRUCTED OF WATER MAIN TYPE MATERIAL AND PRESSURE TESTED TO THE MAXIMUM EXPECTED SURCHARGE HEAD TO ASSURE WATER TIGHTNESS BEFORE BACKFILLING.
23.	WHENEVER WATER MAINS MUST CROSS HOUSE SEWERS, STORM SEWERS OR SANITARY SEWERS, THE WATER MAIN SHALL BE LAID AT SUCH AN ELEVATION THAT THE INVERT OF THE WATER MAIN SHALL BE AT LEAST 18 INCHES ABOVE THE CROWN OF THE SEWER. IF IT IS IMPOSSIBLE TO OBTAIN THE REQUIRED VERTICAL SEPARATION AS DESCRIBED ABOVE, OR IF IT IS NECESSARY FOR THE WATER MAIN TO CROSS UNDER A STORM SEWER OR SANITARY SEWER, THEN THE SEWER MUST BE CONSTRUCTED OF WATER MAIN TYPE MATERIAL. THIS CONSTRUCTION MUST EXTEND ON EACH SIDE OF THE CROSSING UNTIL THE MINIMUM DISTANCE FROM THE WATER MAIN TO THE SEWER OR DRAIN LINE IS AT LEAST 10 FEET. IF NECESSARY, SUCH CROSSINGS, CENTER TO CENTER, SHALL BE MAINTAINED AT LEAST 10 FEET FROM THE CROWN OF THE WATER MAIN TO BE MAINTAINED, ALONG WITH MEANS TO SUPPORT THE LARGER SIZED SEWER LINES TO PREVENT THEIR SETTLING AND BREAKING THE WATER MAIN.
24.	WATER AND SANITARY BUILDING SERVICES SHALL BE IN SEPARATE TRENCHES WITH A MINIMUM OF 10 FEET HORIZONTAL SEPARATION, OR IF THE SEWER OR DRAIN LINE IS TO BE INSTALLED IN THE SAME TRENCH, THE WATER SERVICE IS TO BE PLACED ON A SOLID SHELF A MINIMUM OF 18 INCHES ABOVE THE SANITARY SERVICE AND THE SANITARY SEWER SERVICE SHALL BE CONSTRUCTED WITH EITHER PVC SDR 26 AND SOLVENT WELD, OR DUCTILE IRON, OR SIMILAR TYPE MATERIAL AS APPROVED BY THE CITY. BUILDING DEPARTMENT.

UNDERGROUND UTILITIES (CONT'D)	
25.	THE UNDERGROUND CONTRACTOR SHALL PLACE AND MAINTAIN EXCESS EXCAVATED TRENCH WATER MAIN ADJACENT TO THE TRENCHES IN AN ORDERLY MANNER SO AS NOT TO CREATE A HAZARD OR OBSTRUCTION, AND TO MAINTAIN THE SITE IN A WORKABLE CONDITION. THE DISPOSAL AND PLACEMENT OF ALL EXCESS TRENCH MATERIAL SHALL BE THE RESPONSIBILITY OF THE EARTH EXCAVATING CONTRACTOR.
26.	THE UNDERGROUND CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING ANY EXCAVATION FOR THE INSTALLATION OF THE SEWER OR WATER SYSTEMS.
27.	ANY ANTICIPATED COST OF SHEETING SHALL BE REFLECTED IN THE CONTRACT AMOUNTS. NO ADDITIONAL COST WILL BE ALLOWED FOR SHEETING OR BRACING.
28.	FRAMES AND LIDS (OR GRATES) FOR SANITARY, WATER MAIN AND STORM SEWER STRUCTURES SHALL BE AS INDICATED WITHIN THESE IMPROVEMENT PLANS. (SEE CONSTRUCTION STANDARDS).
29.	ALL STRUCTURES SHALL HAVE A MINIMUM OF 3 INCHES AND A MAXIMUM OF 8 INCHES OF ADJUSTING RINGS (2 RINGS MAXIMUM).
30.	ALL TOP OF FRAMES FOR STORM AND SANITARY SEWERS AND VALVE VAULT COVERS AND B-XBOXES ARE TO BE ADJUSTED TO MEET FINAL FINISHED GRADE UPON COMPLETION OF FINISHED GRADING AND FINAL INSPECTION. THIS ADJUSTMENT IS TO BE MADE BY THE UNDERGROUND CONTRACTOR AND THE COST IS TO BE CONSIDERED INCIDENTAL. THE UNDERGROUND CONTRACTOR SHALL INSURE THAT ALL ROAD AND PAVEMENT LIDS OR STRUCTURES (FRAMES AND GRATES) ARE AT FINISHED GRADE. ANY ADJUSTMENTS NECESSITATED BY THE CURB OR PAVING CONTRACTOR TO ACHIEVE FINAL RIM GRADE, RESULTING IN AN EXTRA FOR SAID ADJUSTMENTS, WILL BE CHARGED TO THE UNDERGROUND CONTRACTOR.
31.	THE CONTRACTOR SHALL INSTALL A 2 IN. X 4 IN. X 8 FT. POST ADJACENT TO THE TERMINUS OF THE SANITARY SERVICE, STORM SERVICE, AND WATER MAIN SERVICE, AS WELL AS SANITARY MANHOLES, STORM MANHOLES, CATCH BASINS, INLETS, AND VALVE VAULTS WITHIN TURE AREAS. THE POST SHALL EXTEND A MINIMUM OF 4 FEET ABOVE THE GROUND. THE TOP 12 INCHES OF SAID POST SHALL BE PAINTED AS FOLLOWS: SANITARY-RED, WATER MAIN-BLUE, STORM-GREEN.
32.	SANITARY SEWERS INCLUDING MANHOLES AND SERVICE LINES SHALL BE SUBJECTED TO EITHER AN INFILTRATION TEST OR AIR TEST, AND APPLICABLE DEFLECTION TEST BY THE CONTRACTOR. ALLOWABLE INFILTRATION SHALL NOT EXCEED 100 GALLONS PER INCH DIAMETER OF PIPE PER HORIZONTAL FOOT OF THE SPILL MATERIAL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INFILTRATION TEST AND FOR THE SPILL MATERIAL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INFILTRATION TEST AND FOR THE SPILL MATERIAL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INFILTRATION TEST AND FOR THE SPILL MATERIAL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INFILTRATION TEST AND FOR THE SPILL MATERIAL.
33.	THE MAIN LINE SANITARY SEWER SHALL BE TELEVIEWED PRIOR TO ACCEPTANCE AND A VIDEO TAP BE PROVIDED TO THE CITY. ALL NECESSARY CORRECTIVE WORK SHALL BE PERFORMED BY THE CONTRACTOR AT THE END OF THE PROJECT PRIOR TO FINAL ACCEPTANCE. CORRECTIVE WORK SHALL BE INCIDENTAL TO THE CONTRACT (MERGED INTO UNIT PRICE OF THE SEWER PIPE).
34.	ALL WATER MAINS SHALL BE SUBJECTED TO A PRESSURE TEST BY THE CONTRACTOR. HYDROSTATIC PRESSURE TEST AND LEAKAGE SHALL BE BASED ON 150 PSI FOR 2 HOURS. WATER MAINS SHALL BE COLOR-CODED IN ACCORDANCE WITH THE STANDARDS. THE MASTIC (RAM-NEK, OR APPROVED EQUAL), THIS MASTIC SHALL BE APPLIED IN SUCH A MANNER THAT NO SURFACE WATER OR GROUND WATER CAN ENTER THE MANHOLE THROUGH THE GAP BETWEEN BARREL SECTIONS, OR CONE SECTIONS AND ADJUSTING RINGS. SANITARY SEWER MANHOLES SHALL BE 4 FOOT DIAMETER PRECAST STRUCTURES, WITH APPROPRIATE FRAME AND REINFORCED MANHOLE WALLS. THE EXISTING GRADE WITHIN THE FENCED AREA SHALL NOT BE DISTURBED. INCORPORATE THE USE OF EXTERNAL CHIMNEY SEALS (SEE CONSTRUCTION STANDARDS).
35.	THE UNDERGROUND CONTRACTOR SHALL CONSIDER INCIDENTAL TO THE CONTRACT ANY CHLORINATION AND TESTING OF EXISTING WATER MAIN WHERE CONNECTIONS TO AND INCLUSION OF SUCH MAINS IS INDICATED ON THE DRAWINGS. IN THE EVENT THAT THE PRESSURE LOSS DURING EXISTING MAINS, AND SUCH FAILURES ARE ATTRIBUTABLE TO DEFECTIVE ORIGINAL WORKMANSHIP AND MATERIAL, THEN THE CONTRACTOR SHALL BE ENTITLED TO ADDITIONAL PAYMENT FOR CORRECTING THE DEFICIENCIES.
36.	THE CONTRACTOR SHALL MAINTAIN A LEGIBLE RECORD ON A SET OF CONSTRUCTION PLANS, LIDS SHALL BE PROVIDED FOR ALL MANHOLES, WYES AND SERVICE VALVE BODIES, GATE VALVES, ETC. SUCH THAT THE RECORD SHALL BE AVAILABLE FOR ALL TESTING SO THAT IT CAN BE WITNESSED BY THE CITY ENGINEER, CITY PUBLIC WORKS DEPARTMENT AND MWRD AS APPROPRIATE. TESTING PROCEDURES SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR SEWER AND WATER MAIN CONSTRUCTION, SECTION 31-1. IN ADDITION, VACUUM TESTING OF A MANHOLE SHALL BE REQUIRED PER ASTM C-1224.
37.	ALL CATCH BASINS, SUMPS, DETENTION BASINS AND OTHER AREAS ACCUMULATING SEDIMENT ARE TO BE CLEANED AT THE END OF THE PROJECT PRIOR TO FINAL ACCEPTANCE. CLEANING MAY ALSO BE REQUIRED DURING THE COURSE OF THE CONSTRUCTION OF THE PROJECT IF IT IS DETERMINED THAT THE SILT AND DEBRIS TRAPS ARE NOT FUNCTIONING PROPERLY OR EXCESS DEBRIS HAS COLLECTED.
38.	IT SHALL BE THE RESPONSIBILITY OF THE UNDERGROUND CONTRACTOR TO REMOVE FROM THE SITE ANY AND ALL MATERIALS AND DEBRIS WHICH RESULT FROM HIS CONSTRUCTION OPERATIONS AT NO ADDITIONAL EXPENSE TO THE OWNER.

MWRD GENERAL NOTES	
A. REINFORCED CONCRETE CULVERT PIPE OF THE CLASS LISTED ON THE PLAN, CONFORMING TO ASTM DESIGNATION C-76. FOR 10" DIAMETER PIPE CLASS III, THE PIPE MAY CONFORM TO ASTM DESIGNATION C-14. JOINTS SHALL BE RUBBER RING SEAL ASHTM D-3139.	
B. BUTYRUMINUS MASTIC COMPOUND IN ACCORDANCE WITH ASTM DESIGNATION C-76 (OR C-14 AS MAY BE APPLICABLE), EXCEPT WHERE DESIGNATED OTHERWISE ON THE PLANS AT LOCATIONS WHERE THE STORM SEWER IS TO BE INSTALLED AT AN EXISTING MANHOLE.	
C. CONFORMANCE WITH ASTM C-443 SHALL BE USED.	
D. POLYVINYL CHLORIDE PLASTIC GRAVITY SEWER PIPE (PVC) - ASTM D-2241, 160 PSI PRESSURE PIPE, SDR 26, PUSH ON BELL AND SPIGOT TYPE WITH RUBBER RING SEAL ASHTM D-3139.	
E. DUCTILE IRON PIPE CLASS 52 CONFORMING TO AWWA C151 WITH JOINTS CONFORMING TO AWWA C111.	

NOTIFICATIONS	
1.	THE MWRD LOCAL SEWER SYSTEMS SECTION FIELD OFFICE MUST BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF ANY WORK (CALL 708-588-4055).
2.	THE CITY OF PROSPECT HEIGHTS ENGINEERING DEPARTMENT AND PUBLIC MUST BE NOTIFIED AT LEAST 24 HOURS PRIOR TO THE START OF CONSTRUCTION AND PRIOR TO EACH PHASE OF CONSTRUCTION. THE CONTRACTOR SHALL DETERMINE THE ITEMS REQUIRING INSPECTION PRIOR TO START OF CONSTRUCTION OR EACH WORK PHASE.
3.	THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION FOR THE EXACT LOCATIONS OF UTILITIES AND FOR THEIR PROTECTION DURING CONSTRUCTION. IF EXISTING UTILITIES ARE ENCOUNTERED THAT CONFLICT WITH THE CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED. CALL J.U.L.I.E. AT 1-800-892-0123.

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12/21/2018 10:47 AM - 2: Project11\2018\1450.00-1\312 - ENGINEERING\FINAL SHEETSET\0-3 EXISTING CONDITIONS.dwg THESE PLANS AND DESIGNS ARE COPYRIGHT PROTECTED AND MAY NOT BE USED IN WHOLE OR IN PART WITHOUT THE WRITTEN CONSENT OF PINNACLE ENGINEERING GROUP, LLC



DEMOLITION NOTES

1. CONTRACTOR SHALL CONTACT 811 PRIOR TO CONSTRUCTION AND NOTIFY ENGINEERING OF ANY CONFLICTS WITH THE PROPOSED IMPROVEMENTS.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR DEMOLITION, REMOVAL AND DISPOSAL OF ALL STRUCTURES, FOUNDATIONS, SIDEWALKS, PAVEMENT, DRIVES, DRAINAGE STRUCTURES, UTILITIES, BRUSH/TREE CLEARING ETC., SUCH THAT THE IMPROVEMENTS SHOWN ON THESE PLANS CAN BE CONSTRUCTED. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL DEBRIS FROM THE SITE AND DISPOSING THE DEBRIS IN A LAWFUL MANNER. ALL MATERIAL REMOVED SHALL BE DISPOSED OF IN AN APPROVED LOCATION.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED FOR DEMOLITION AND DISPOSAL.
4. CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES PRIOR TO THE REMOVAL AND/OR RELOCATION OF UTILITIES. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANY CONCERNING PORTIONS OF WORK WHICH MAY BE PERFORMED BY THE UTILITY COMPANY'S AND ANY FEES WHICH ARE TO BE PAID TO THE UTILITY COMPANY FOR THEIR SERVICES. THE CONTRACTOR IS RESPONSIBLE FOR PAYING FOR ALL FEES AND CHARGES.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ANY DRAIN TILES AND NOTIFYING ENGINEER PRIOR TO CONSTRUCTION.
6. ALL EXISTING INFORMATION AND EXISTING UTILITIES SHOWN ON THIS PLAN HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY. PRIOR TO THE START OF ANY DEMOLITION ACTIVITY, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES FOR LOCATION OF EXISTING UTILITIES.
7. CONTRACTOR SHALL SECURE THE SITE FROM THE PUBLIC AT ALL TIMES WITH FENCING, BARRICADES, ENCLOSURES, AND/OR OTHER APPROVED PRACTICES.
8. ACCESS SHALL BE MAINTAINED FOR SURROUNDING PROPERTIES AT ALL TIMES DURING CONSTRUCTION.
9. PRIOR TO DEMOLITION OCCURRING, ALL SPECIFIED EROSION CONTROL PRACTICES SHALL BE INSTALLED.
10. SHOULD REMOVAL AND/OR RELOCATION ACTIVITIES DAMAGE FEATURES INDICATED TO REMAIN, THE CONTRACTOR SHALL PROVIDE NEW MATERIALS IN ACCORDANCE WITH THE PLAN DOCUMENTS.
11. CONTRACTOR SHALL SAW-CUT (FULL DEPTH) ALL EXISTING HARD SURFACES WHERE A PORTION OF THE HARD SURFACE SHALL REMAIN AND OTHER BE REMOVED. IF ANY DAMAGE IS INCURRED ON ANY OF THE SURROUNDING PAVEMENT, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IT'S REMOVAL AND REPAIR.
12. CONTRACTOR SHALL MAINTAIN AND KEEP CLEAN ALL EXISTING ROADS, SIDEWALKS, WALKING PATHS, AND SITE ACCESS TO ENSURE THE SAFETY OF THE SURROUNDS PUBLIC AND BUSINESSES.

DEMOLITION LEGEND

- TREE & BRUSH REMOVAL
- FULL DEPTH PAVEMENT REMOVAL
- TREE TO BE REMOVED
- PIPE / UTILITY REMOVAL
- SITE FEATURE TO BE REMOVED
- SILT FENCE
- TREE PROTECTION FENCE

NOTE:
EXISTING TOPOGRAPHY SHOWN REPRESENTS SITE CONDITIONS AS PREPARED BY PINNACLE ENGINEERING GROUP, LTD., INC. ON NOVEMBER 29, 2018. CONTRACTOR SHALL FIELD CHECK EXISTING HORIZONTAL AND VERTICAL SITE FEATURES AND CONDITIONS PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO STARTING CONSTRUCTION.

NOTE:
DUE TO PREVIOUS DEVELOPMENTS ON EXISTING SITE, BURIED UTILITIES MAY BE ENCOUNTERED. IF DISCOVERED, NOTIFY ENGINEER FOR CORRDINATION



GRAPHICAL SCALE (FEET)
0 1" = 50' 100'

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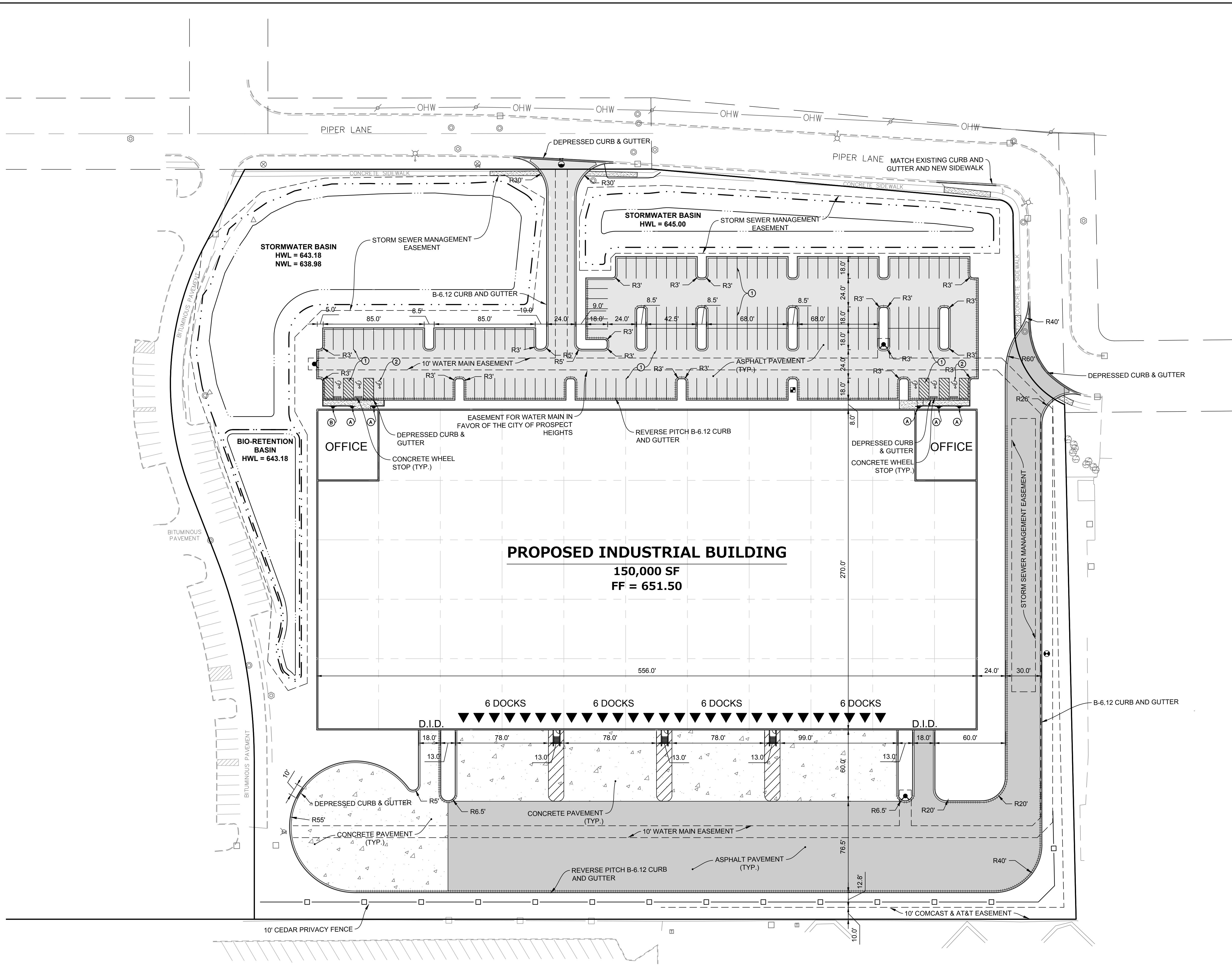
PIPER LANE INDUSTRIAL REDEVELOPMENT 150,000 SF BUILDING PROSPECT HEIGHTS, ILLINOIS

REVISIONS

EXISTING CONDITIONS & DEMOLITION PLAN

PEJ JOB No. 1450.00-1L
BDJ
START DATE 12/19/18
SCALE 1" = 40'
SHEET
C-3
OF
C-11
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12/21/2018 10:58 AM - 2: Project1\2018\1450.00-LL\312 - ENGINEERING\FINAL SHEETSET\G-4 OVERALL SITE PLAN.dwg THESE PLANS AND DESIGNS ARE COPYRIGHT PROTECTED AND MAY NOT BE USED IN WHOLE OR IN PART WITHOUT THE WRITTEN CONSENT OF PINNACLE ENGINEERING GROUP, LLC
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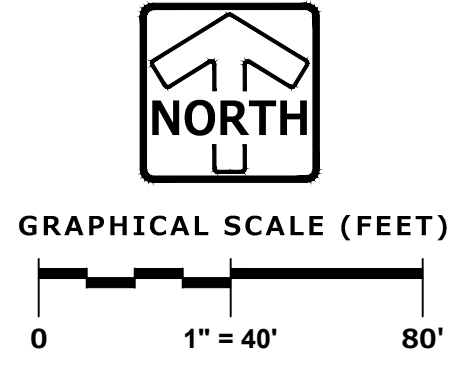


- SITE DIMENSIONAL AND PAVING NOTES**
- ALL PROPOSED CURB SHALL BE B-6.12 CURB & GUTTER UNLESS OTHERWISE NOTED.
 - ALL DIMENSIONS ARE FACE OF CURB TO FACE OF CURB OR BUILDING FACE/PROPERTY LINE UNLESS OTHERWISE NOTED.
 - BUILDING DIMENSIONS, GRADING, PARKING, AND UTILITY LAYOUT HAVE BEEN PREPARED BASED UPON ARCHITECTURAL INFORMATION. SUBSEQUENT ARCHITECTURAL CHANGES MAY EXIST AND CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION. IN CASE OF DISCREPANCIES BETWEEN ARCHITECTURAL PLANS AND CIVIL PLANS, NOTIFY BOTH ARCHITECT AND ENGINEER.
 - LOCATION OF PRIVATE SIDEWALKS SHALL BE COORDINATED WITH PROPOSED DOORWAYS. CONTRACTOR TO VERIFY ACTUAL BUILDING PLAN LOCATIONS WITH ARCHITECT/DEVELOPER PRIOR TO CONSTRUCTING THE SIDEWALKS.
 - REBAR / TIEBARS SHALL BE USED IN ALL LOCATIONS WHERE CONCRETE ABUTS OTHER CONCRETE FEATURES (ie. SIDEWALK ADJACENT TO FOUNDATION WALL AND SIDEWALK/PAVEMENT ADJACENT TO CURB & GUTTER). TIEBAR SIZE AND SPACING SHALL BE PER IDOT SPECIFICATIONS. ALL REBAR/TIEBAR SHALL BE EPOXY COATED, UNLESS SPECIFIED OTHERWISE.
 - THE SUBGRADE FOR PROPOSED PAVEMENT AREAS SHALL BE PROOF-ROLLED BY THE CONTRACTOR AND ANY UNSTABLE AREAS ENCOUNTERED SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE SOILS ENGINEER.
 - CONTRACTOR SHALL CONSTRUCT ALL HANDICAP ACCESSIBLE ROUTES IN ACCORDANCE WITH LOCAL AND STATE ADA REQUIREMENTS.
 - PAVEMENT SLOPES THROUGH HANDICAP ACCESSIBLE PARKING AREAS SHALL BE 2.00% MAXIMUM IN ANY DIRECTION.

LEGEND

	CONCRETE PAVEMENT 8" PORTLAND CEMENT CONCRETE 6" COMP. CA-6 AGGREGATE BASE COURSE, TYPE B NOTE: WHERE CONCRETE APRON IS ADJACENT TO CURB AND GUTTER, NO. 6 DEFORMED DOWEL BARS SHALL BE USED. BAR SHALL BE DEFORMED 18" LONG, NO. 6 (NO EPOXY) @ 24" SPACING O.C.
	SIDEWALK 5" PORTLAND CEMENT CONCRETE 4" COMP. CA-6 AGGREGATE BASE COURSE, TYPE B
	PROPOSED HEAVY DUTY ASPHALT PAVEMENT SECTION 2" BIT. SURFACE COURSE, HMA, MIX D, N50, 9.5MM NOMINAL SIZE, PG64-22 (R.A.S NOT PERMITTED) 4.5" BIT. BINDER COURSE, HMA, IL-19, N50, 19.0MM NOMINAL SIZE, PG64-22 0.30 GAL/SY BITUMINOUS PRIME COAT (MC-30) 12" COMP. CA-6 AGGREGATE SUBBASE, TYPE B
	PROPOSED LIGHT DUTY ASPHALT PAVEMENT SECTION 2" BIT. SURFACE COURSE, HMA, MIX D, N50, 9.5MM NOMINAL SIZE, PG64-22 (R.A.S NOT PERMITTED) 2" BIT. BINDER COURSE, HMA, IL-19, N50, 19.0MM NOMINAL SIZE, PG64-22 0.30 GAL/SY BITUMINOUS PRIME COAT (MC-30) 8" COMP. CA-6 AGGREGATE SUBBASE, TYPE B
	B-6.12 CURB & GUTTER
	DEPRESSED B-6.12 CURB & GUTTER
	REVERSE PITCH B-6.12 CURB & GUTTER
	PARKING STALL COUNT (NOT TO BE PAINTED)

- STRIPING/SIGNAGE LEGEND**
- ① 4" YELLOW LINE
 - ② YELLOW LETTERS AND SYMBOLS PAVEMENT MARKINGS
 - A R7-8 & R7-8P HANDICAP SIGN
 - B R7-8 & R7-8P HANDICAP W/ VAN ACCESSIBLE SIGN
 - C 4" CONCRETE BOLLARD (SEE CON. STANDARDS)



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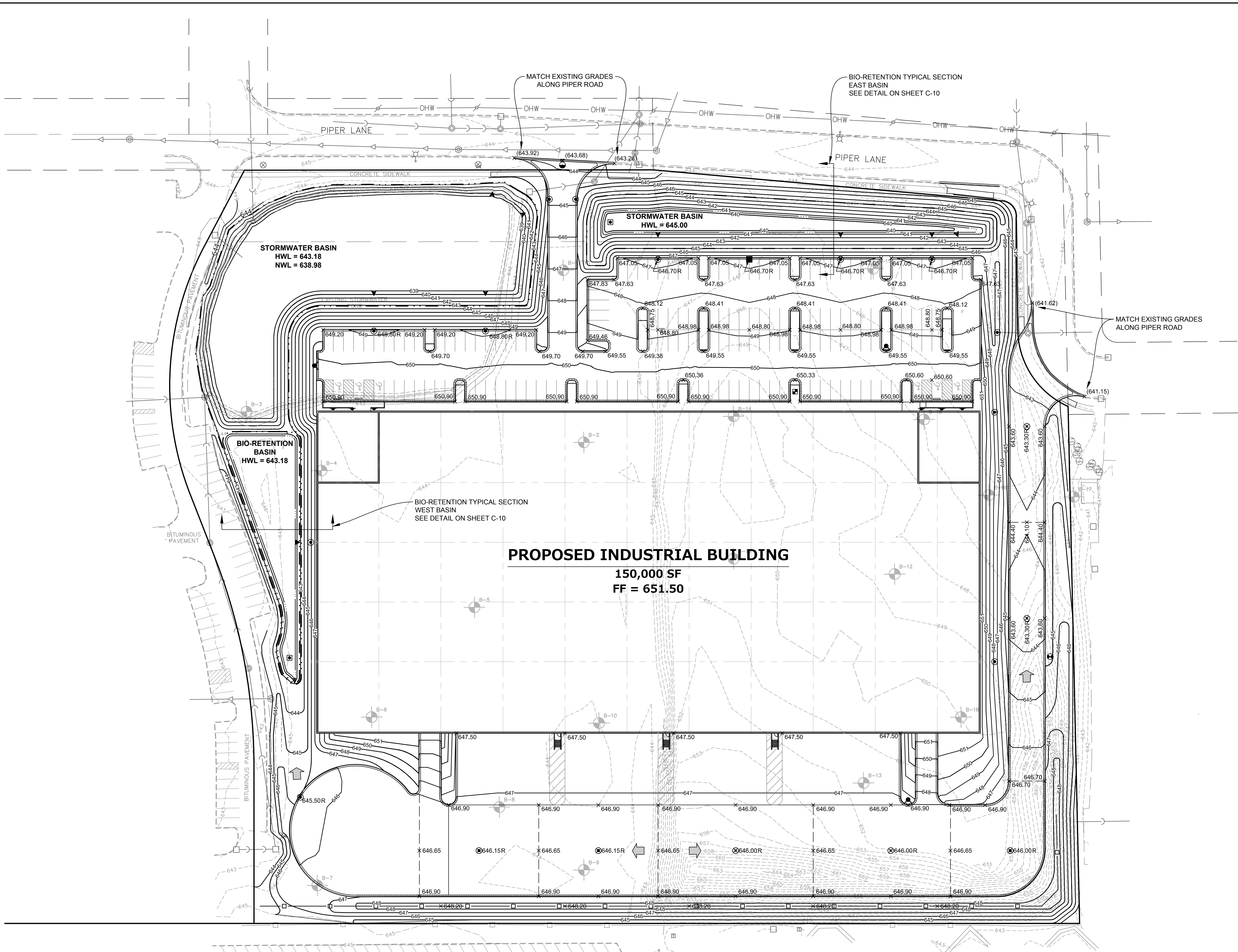
PIPER LANE INDUSTRIAL REDEVELOPMENT
150,000 SF BUILDING
PROSPECT HEIGHTS, ILLINOIS

REVISIONS

SITE DIMENSIONAL & PAVING PLAN

PEE JOB No. 1450.00-LL
BDJ
START DATE 12/19/18
SCALE 1" = 40'
SHEET
C-4
OF
C-11
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GRADING NOTES

1. CONTRACTOR SHALL CONTACT 811 PRIOR TO CONSTRUCTION AND NOTIFY ENGINEERING OF ANY CONFLICTS WITH THE PROPOSED IMPROVEMENTS.
2. BUILDING DIMENSIONS, GRADING, PARKING, AND UTILITY LAYOUT HAVE BEEN PREPARED BASED UPON ARCHITECTURAL INFORMATION. SUBSEQUENT ARCHITECTURAL CHANGES MAY EXIST AND CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION. IN CASE OF DISCREPANCIES BETWEEN ARCHITECTURAL PLANS AND CIVIL PLANS, NOTIFY BOTH ARCHITECT AND ENGINEER.
3. REFER TO GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION. GREEN/OPEN SPACE SHALL HAVE A MINIMUM OF 6" OF TOPSOIL RESPAID. NATIVE AREAS SHALL HAVE A MINIMUM OF 12" OF TOPSOIL. TOPSOIL SHALL BE APPROVED BY THE VILLAGE ENGINEER OR WETLAND CONSULTANT.
4. CONTRACTOR SHALL MEET ALL COMPACTION REQUIREMENTS AS SPECIFIED BY GEOTECHNICAL REPORT, PROJECT SPECIFICATIONS AND ENGINEER.
5. CONTRACTOR SHALL CONSTRUCT ALL HANDICAP ACCESSIBLE ROUTES IN ACCORDANCE WITH LOCAL AND STATE ADA REQUIREMENTS.
6. PAVEMENT SLOPES THROUGH HANDICAP ACCESSIBLE PARKING AREAS SHALL BE 2.00% MAXIMUM IN ANY DIRECTION.
7. REFER TO CONSTRUCTION DETAILS FOR SIDEWALK RAMPS AND HANDICAP STRIPING.
8. ALL EXISTING AND PROPOSED CONTOURS ARE SHOWN IN 1' INCREMENTS.
9. CONTRACTOR SHALL NOT BLOCK DRAINAGE.
10. CONTRACTOR SHALL ADJUST ALL RIM ELEVATIONS OF EXISTING STRUCTURES TO PROPOSED GRADE AS NECESSARY.
11. CONTRACTOR SHALL REFER TO PLAN SPECIFICATIONS, SOIL EROSION CONTROL PLAN, AND SWPPP PRIOR TO CONSTRUCTION FOR WATER QUALITY REQUIREMENTS ASSOCIATED WITH LAND DISTURBANCE.

LEGEND

- | | | |
|------------|----------|----------------------------|
| EXISTING | PROPOSED | STORM DRAINAGE STRUCTURE |
| ○ | ● | PRECAST FLARED END SECTION |
| △ | ▶ | CONTOUR |
| 749 | 749 | SPOT ELEVATION |
| x (750.00) | x 750.00 | DIRECTION OF SURFACE FLOW |
| ○ | ○ | SURVEYED TREE |
| ○ | ○ | OVERFLOW RELIEF ROUTING |
| ○ | ○ | SOIL BORING |
| --- | --- | PROPOSED RIDGELINE |
| △ | △ | TYPICAL SLOPE |

ELEVATIONS

1. CONTOURS ARE SHOWN AS FINISHED GRADE.
2. SPOT ELEVATIONS ARE SHOWN AS FLOW LINE ALONG THE CURB AND GUTTER AND FINISHED GRADE ELSE WHERE UNLESS SPECIFIED AS BELOW:
T/W = TOP OF RETAINING WALL
B/W = BOTTOM OF RETAINING WALL
TC = TOP OF CURB
TDC = TOP OF DEPRESSED CURB
TS = TOP OF SIDEWALK
R = STRUCTURE RIM GRADE

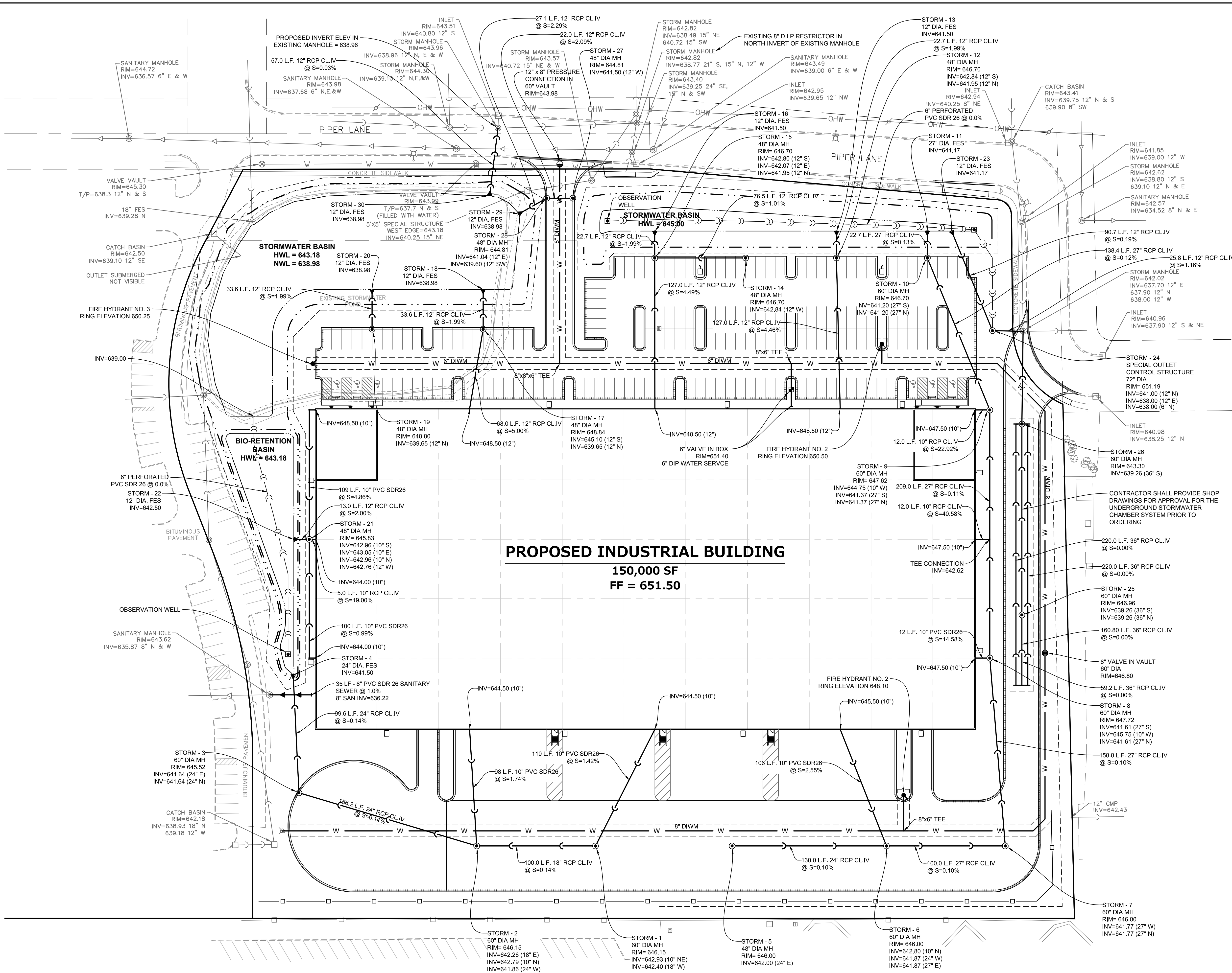


GRAPHICAL SCALE (FEET)
0 1" = 40' 80'

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GRADING PLAN

REVIEWED: BDJ 12/21/2018 12:45 PM - 2. VPROJECTS\2018\1450.00-IL\312 - ENGINEERING\FINAL SHEETSET-C-6 UTILITY PLAN.dwg DESIGNED: DAT DRAFTED: DKT



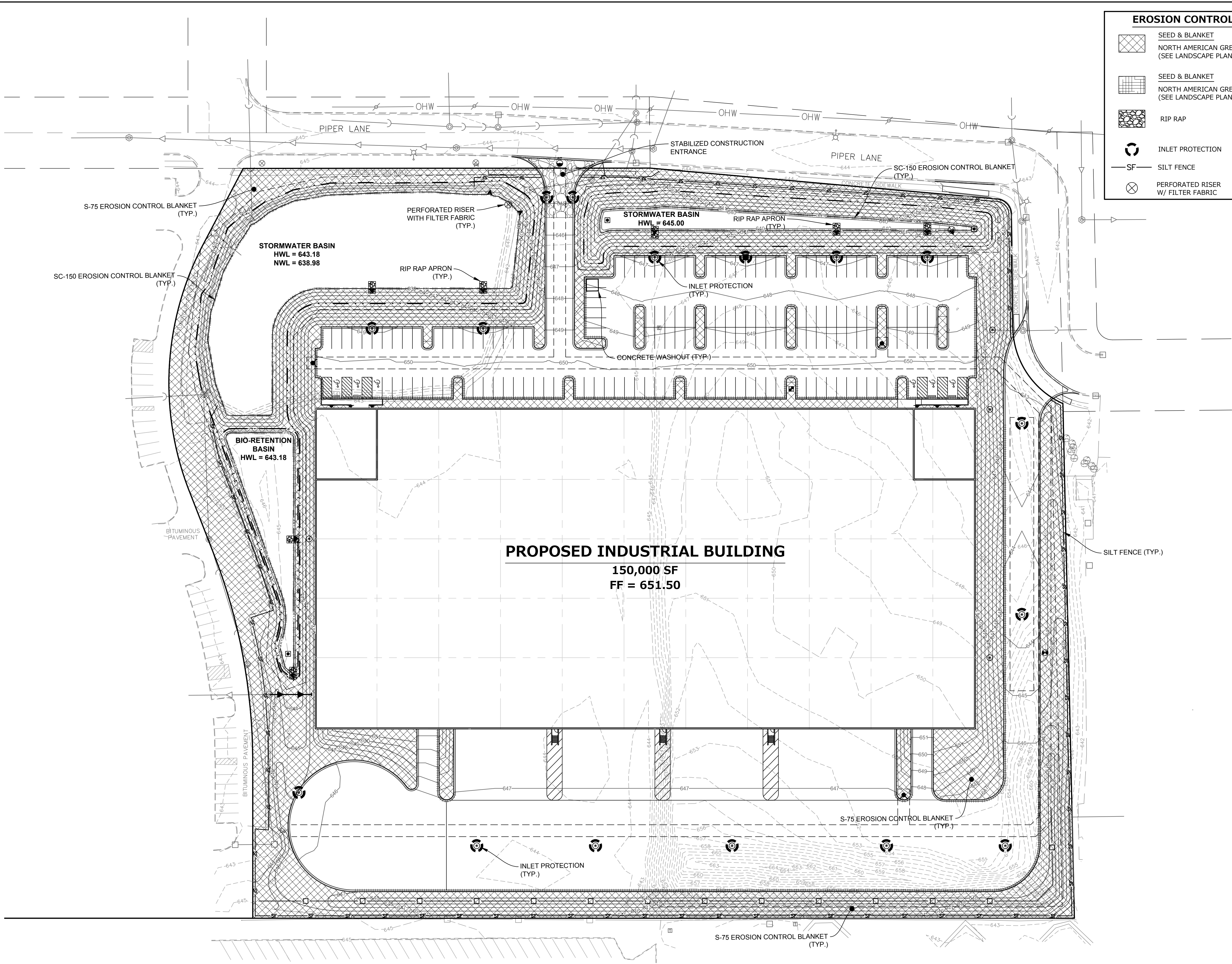
- ### UTILITY NOTES
- CONTRACTOR SHALL CONTACT 811 PRIOR TO CONSTRUCTION AND NOTIFY ENGINEERING OF ANY CONFLICTS WITH THE PROPOSED IMPROVEMENTS.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED FOR UTILITY CONSTRUCTION.
 - ALL EXISTING INFORMATION AND EXISTING UTILITIES SHOWN ON THIS PLAN HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY. PRIOR TO THE START OF ANY DEMOLITION ACTIVITY, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES FOR LOCATION OF EXISTING UTILITIES.
 - ALL UTILITIES SHALL BE COORDINATED WITH THE APPROPRIATE UTILITY COMPANY OR AGENCY.
 - BUILDING DIMENSIONS, GRADING, PARKING, AND UTILITY LAYOUT HAVE BEEN PREPARED BASED UPON ARCHITECTURAL INFORMATION. SUBSEQUENT ARCHITECTURAL CHANGES MAY EXIST AND CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION. IN CASE OF DISCREPANCIES BETWEEN ARCHITECTURAL PLANS AND CIVIL PLANS, NOTIFY BOTH ARCHITECT AND ENGINEER.
 - CONTRACTOR SHALL VERIFY LOCATION, SIZE, AND ELEVATION OF ALL BUILDING SERVICES WITH ARCHITECTURAL AND MEP PLANS.
 - CONTRACTOR SHALL ADJUST ALL RIM ELEVATIONS OF EXISTING STRUCTURES TO PROPOSED GRADE.
 - ALL UTILITY DIMENSIONS ARE TO CENTER OF PIPE OR CENTER OF STRUCTURE UNLESS OTHERWISE NOTED.
 - CONTRACTOR SHALL CONTACT EACH UTILITY COMPANY AND COORDINATE FINAL LOCATIONS OF ALL ELECTRIC, GAS, AND TELEPHONE SERVICES PRIOR TO START OF CONSTRUCTION.
 - CONTRACTOR SHALL LOCATE ALL EXISTING SEWER AND WATERMAIN LOCATION, SIZE, ELEVATION, AND CONDITION AT POINTS OF CONNECTION AND WHERE PROPOSED UTILITIES SHALL CROSS OR POTENTIALLY COME IN CONFLICT WITH EXISTING LINES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY ENGINEERING OF ANY DISCREPANCIES OR CONFLICTS.
 - UNDERGROUND IMPROVEMENTS SHALL BE CONSTRUCTED AND TESTED IN ACCORDANCE WITH THE CITY, THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, IDOT. IN THE EVENT OF CONFLICTING GUIDELINES, THE MORE RESTRICTIVE SHALL GOVERN.

LEGEND		
EXISTING	PROPOSED	
		SANITARY MANHOLE
		STORM MANHOLE
		CATCH BASIN/RISER
		INLET
		PRECAST FLARED END SECTION
		VALVE VAULT
		VALVE BOX
		PRESSURE TAP IN VAULT
		BUFFALO BOX
		FIRE HYDRANT
		SIAMESE CONNECTION
		CLEANOUT
		SANITARY SEWER
		FORCEMAIN
		STORM SEWER
		WATERMAIN
		BUILDING LIGHT
		STREET SIGN
		LABELED UTILITY CROSSING
		WATER MAIN REDUCER

NOTE:
THE GENERAL CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES TO PROVIDE CABLE TV, PHONE, ELECTRIC, GAS AND IRRIGATION SERVICES. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING SITE LAYOUTS AND SIZING FOR THESE UTILITIES PRIOR TO CONSTRUCTION AND SHALL COORDINATE AND PROVIDE CONDUIT CROSSINGS AS REQUIRED. THIS COORDINATION SHALL BE CONSIDERED INCIDENTAL TO GENERAL CONTRACTOR AGREEMENT WITH THE OWNER. ANY CONFLICTS IN UTILITIES SHALL BE CORRECTED BY THE GENERAL CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.

REVISIONS	

12/21/2018 10:59 AM - 2: Project 1018 1450.00 - 1312 - ENGINEERING FINAL SHEET 10-7 SITE STABILIZATION
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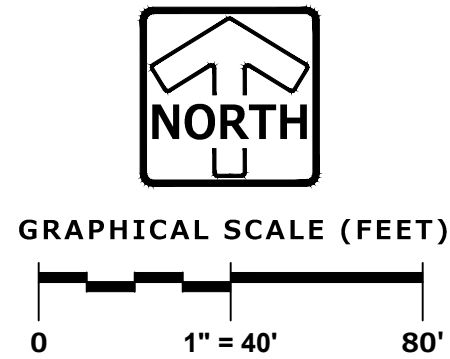


EROSION CONTROL LEGEND

- SEED & BLANKET
NORTH AMERICAN GREEN S-75 BLANKET (SEE LANDSCAPE PLAN FOR SEED MIX)
- SEED & BLANKET
NORTH AMERICAN GREEN SC-150 BLANKET (SEE LANDSCAPE PLAN FOR SEED MIX)
- RIP RAP
- INLET PROTECTION
- SILT FENCE
- PERFORATED RISER W/ FILTER FABRIC

- SITE STABILIZATION NOTES**
1. AN INITIAL SEDIMENTATION AND EROSION CONTROL INSPECTION IS REQUIRED PRIOR TO STARTING CONSTRUCTION. CONTRACTOR SHALL CONTACT THE COMMUNITY DEVELOPMENT DEPARTMENT AT 630-434-5529 TO SCHEDULE THIS INSPECTION; THIS NOTIFICATION SHALL BE AT LEAST 24 HOURS IN ADVANCE OF CONSTRUCTION.
 2. THE NOTICE OF INTENT (NOI) AND NPDES PERMIT SHALL BE OBTAINED PRIOR TO ANY EARTH MOVING ACTIVITIES.
 3. ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL, LATEST EDITION.
 4. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE START OF ANY CONSTRUCTION OR DISTURBANCE OF THE SITE. THE MEASURES MAY HAVE TO BE ADJUSTED TO MEET FIELD CONDITIONS DURING CONSTRUCTION. ANY MEASURES, IN ADDITION TO THOSE OUTLINED IN THE PLANS AND WHICH ARE DEEMED NECESSARY BY THE VILLAGE, SHALL BE IMPLEMENTED IMMEDIATELY BY THE DEVELOPER. ALL TEMPORARY EROSION CONTROL MEASURES NECESSARY TO MEET THE REQUIREMENTS OF THE VILLAGE OF MCCOOK STORMWATER AND FLOOD PLAIN ORDINANCE SHALL BE KEPT OPERATIONAL AND MAINTAINED CONTINUOUSLY THROUGHOUT THE PERIOD OF LAND DISTURBANCE UNTIL PERMANENT SEDIMENT AND EROSION AND CONTROL MEASURES ARE OPERATIONAL.
 5. REGULAR INSPECTION AND MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL MEASURES MUST BE PROVIDED BY THE DEVELOPER. INSPECTIONS SHOULD OCCUR WEEKLY, AND AFTER ANY RAINFALL GREATER THAN 1/2". ANY NON-FUNCTIONING SEDIMENT CONTROL MEASURES OR DAMAGED DEVICES THAT ARE FOUND DURING INSPECTION SHALL BE REPAIRED OR REPLACED IMMEDIATELY. THE DEVELOPER SHALL BE RESPONSIBLE FOR ANY SEDIMENT WHICH LEAVES THE PROPERTY, AND THE DEVELOPER IS ALSO RESPONSIBLE FOR MAINTENANCE OF ALL SEDIMENT CONTROL MEASURES UNTIL THE SITE IS PERMANENTLY STABILIZED.
 6. ALL POINTS OF CONSTRUCTION INGRESS AND EGRESS SHALL BE MADE ACROSS THE STABILIZED CONSTRUCTION ENTRANCE AND SHALL BE UTILIZED TO PREVENT TRACKING OF DEBRIS, DIRT, AND MUD ONTO ADJACENT STREETS, PARKING LOTS, OR PROPERTIES. ANY DEBRIS, DIRT, OR MUD THAT REACHES AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, OR PARKING AREA SHALL BE PROMPTLY REMOVED (BEFORE THE END OF EACH WORK DAY), AND TRANSPORTED TO A PROPER DISPOSAL AREA.
 7. ALL SEDIMENT MUST BE PREVENTED FROM ENTERING ANY PUBLIC OR PRIVATE STORM DRAINAGE SYSTEM. REUSABLE INLET FILTER BASKETS (FLEXSTORM, CATCHALL, OR EQUIVALENT), SEDIMENT BASINS, AND WATER FILTERING BAGS, SHALL BE PROVIDED AS NEEDED.
 8. ALL DRAINAGE SWALES SHALL BE STABILIZED WITH SPECIFIED EROSION CONTROL BLANKET.
 9. TOPSOIL STOCKPILES SHALL BE LOCATED TO AVOID EROSION OF STOCKPILE ONTO NEIGHBORING PROPERTIES OR INTO RESTORED PROJECT AREAS. STOCKPILES SHALL BE LOCATED SO THAT A DRAINAGE SWALE IS LOCATED BETWEEN THE STOCKPILE AND ANY DOWNSTREAM PROPERTIES AND SHALL NOT BE LOCATED WITHIN ANY DRAINAGEWAYS, FLOOD PLAINS, WETLANDS OR LOCALIZED POOR DRAINAGE AREAS. IF A STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN 3 DAYS, IT MUST BE SEED AND BLANKETED TO MINIMIZE SOIL EROSION BY BOTH WIND AND WATER. REFER TO DETAIL ON SHEET C-15.
 10. THE SURFACE OF STRIPPED AREAS SHALL BE PERMANENTLY OR TEMPORARY PROTECTED FROM SOIL EROSION WITHIN FIFTEEN DAYS AFTER FINAL GRADE IS REACHED. STRIPPED AREAS THAT WILL REMAIN UNDISTURBED FOR MORE THAN FIFTEEN DAYS AFTER INITIAL DISTURBANCE SHALL BE PROTECTED FROM EROSION.
 11. THE DEVELOPER IS RESPONSIBLE FOR OBTAINING A SEPARATE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT FROM THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY WHENEVER 1 ACRE OR MORE OF PROPERTY IS DISTURBED. FOR DEVELOPMENTS OVER 1 ACRE, THE DEVELOPER MUST ALSO PREPARE AND MAINTAIN A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AT THE PROJECT SITE, ALONG WITH THE NPDES PERMIT. FOR DEVELOPMENTS LESS THAN 1 ACRE, A SEDIMENT AND EROSION CONTROL PLAN MUST BE MAINTAINED BY THE DEVELOPER.
 12. IF DEWATERING SERVICES ARE USED, OR IF THE VOLUME, VELOCITY, SEDIMENT LOAD, OR PEAK FLOW RATES OF STORMWATER RUNOFF ARE TEMPORARILY INCREASED DURING CONSTRUCTION, ADJACENT PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION. DISCHARGES FROM CONSTRUCTION DEWATERING SHALL BE ROUTED THROUGH AN EFFECTIVE SEDIMENT CONTROL MEASURE SUCH AS A SEDIMENT TRAP, A SEDIMENT BASIN, OR ANY OTHER APPROPRIATE MEASURE.
 13. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY DAYS AFTER FINAL STABILIZATION IS ACHIEVED. TRAPPED SEDIMENT AND OTHER DISTURBED SOILS RESULTING FROM TEMPORARY MEASURES SHALL BE PROPERTY DISPOSED OF PRIOR TO PERMANENT STABILIZATION.

- CONSTRUCTION SITE SEQUENCING**
1. INSTALL PERIMETER SILT FENCE AND TEMPORARY CONSTRUCTION ENTRANCE.
 2. STRIP AND STOCKPILE TOPSOIL, INSTALL SILT FENCE AROUND PERIMETER OF STOCKPILE.
 3. CONDUCT ROUGH GRADING EFFORTS AND INSTALL CHECK DAMS WITHIN DRAINAGE DITCHES AS NEEDED.
 4. INSTALL UTILITY PIPING AND STRUCTURES, IMMEDIATELY INSTALL INLET PROTECTION.
 5. COMPLETE FINAL GRADING, INSTALLATION OF GRAVEL BASE COURSES, PLACEMENT OF CURBS, PAVEMENTS, WALKS, ETC.
 6. PLACE TOPSOIL AND IMMEDIATELY STABILIZE DISTURBED AREAS WITH EROSION CONTROLS. IF STABILIZATION IS PROPOSED DURING WINTER MONTHS, IT IS ACCEPTABLE FOR CONTRACTOR TO PLACE STRAW MATTING AS STABILIZATION AND SEED IN SPRING.
 7. EROSION CONTROL MEASURES SHALL BE REMOVED ONLY AFTER SITE CONSTRUCTION IS COMPLETE WITH ALL SOIL SURFACES HAVING AN ESTABLISHED VEGETATIVE COVER OR HAVE BEEN STABILIZED AS STATED IN NOTE 6.
- CONTRACTOR MAY MODIFY SEQUENCING AFTER ITEM 1 AS NEEDED TO COMPLETE CONSTRUCTION IF EROSION CONTROLS ARE MAINTAINED IN ACCORDANCE WITH THE CONSTRUCTION SITE EROSION CONTROL REQUIREMENTS.



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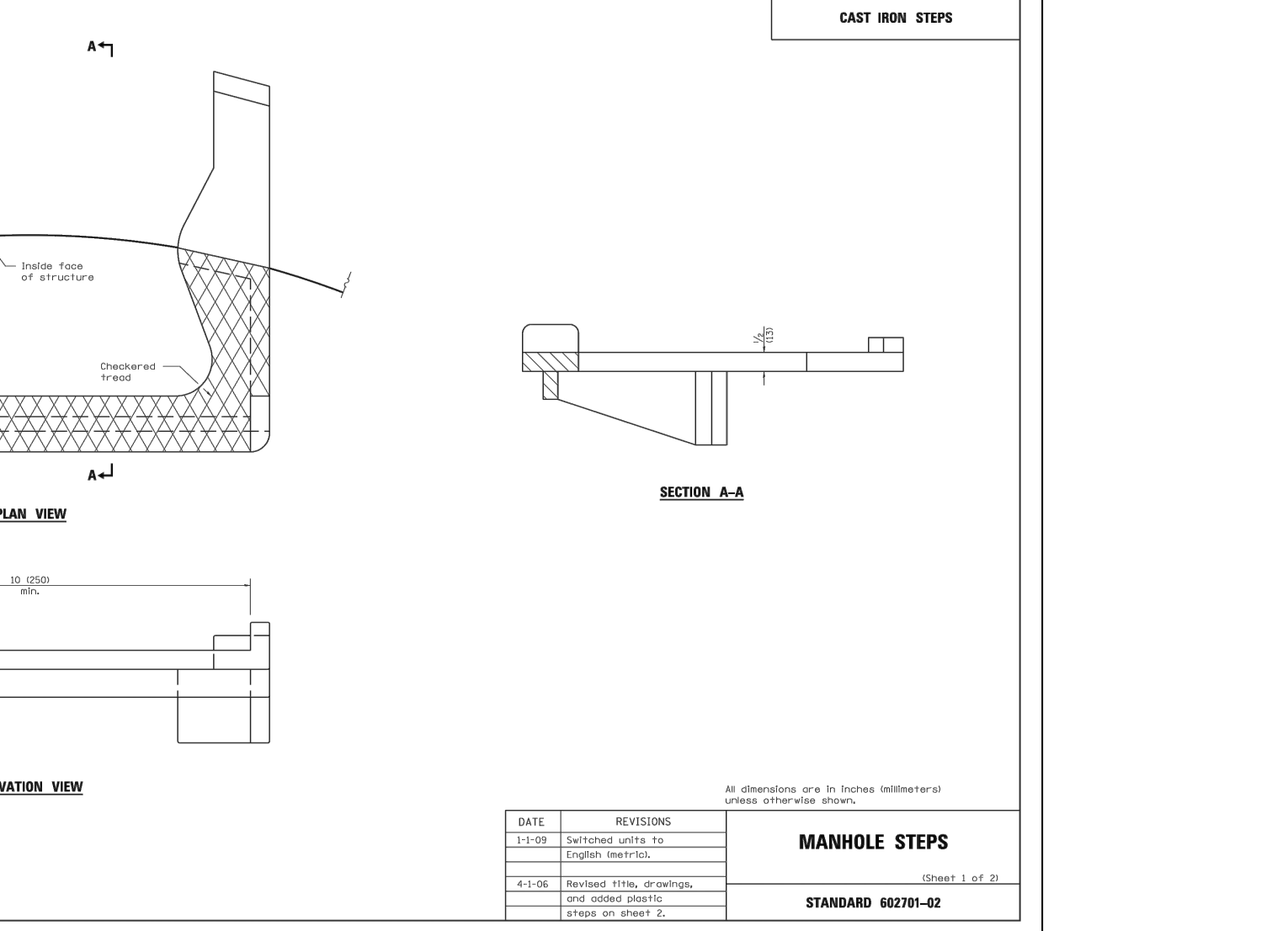
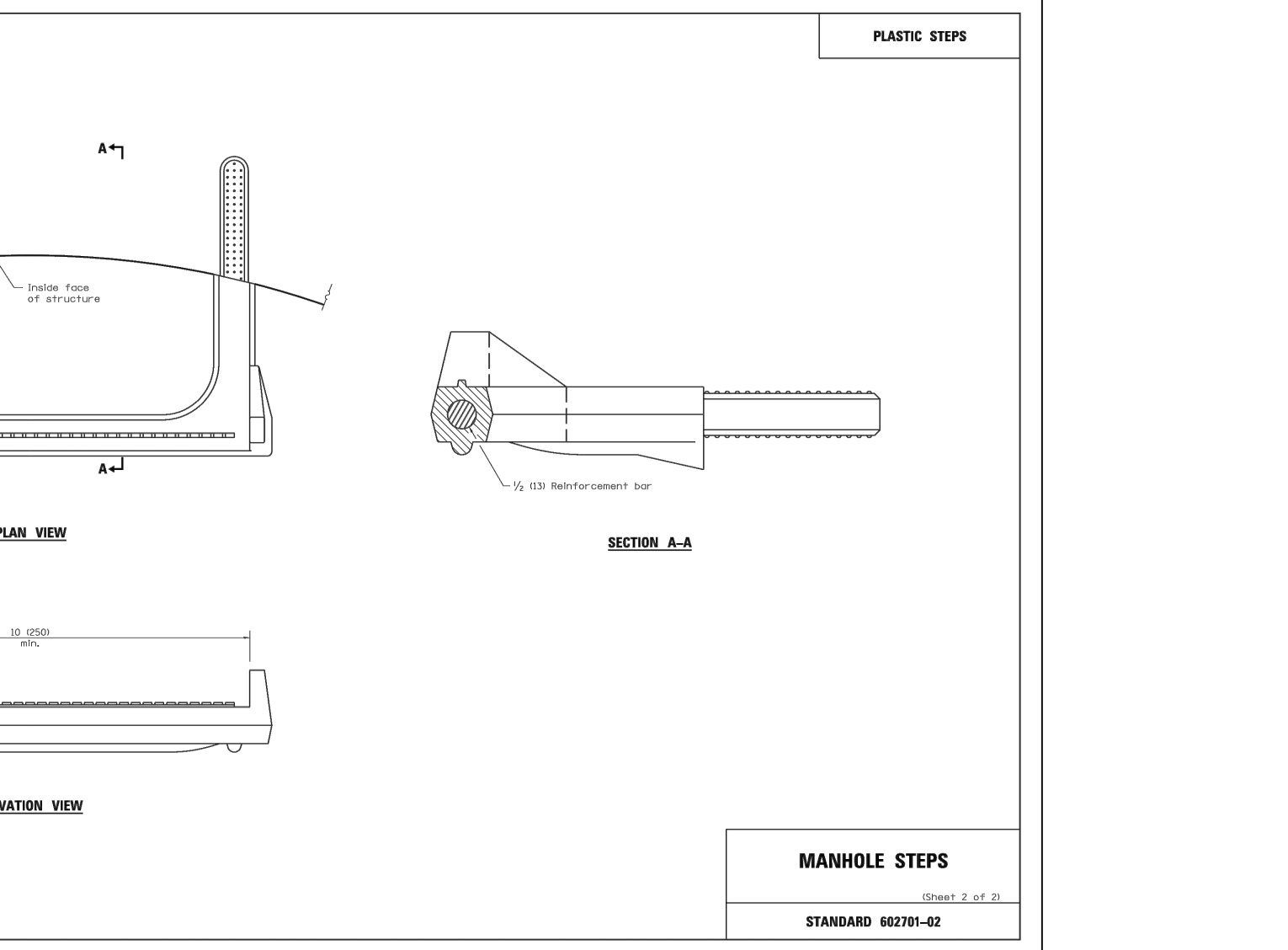
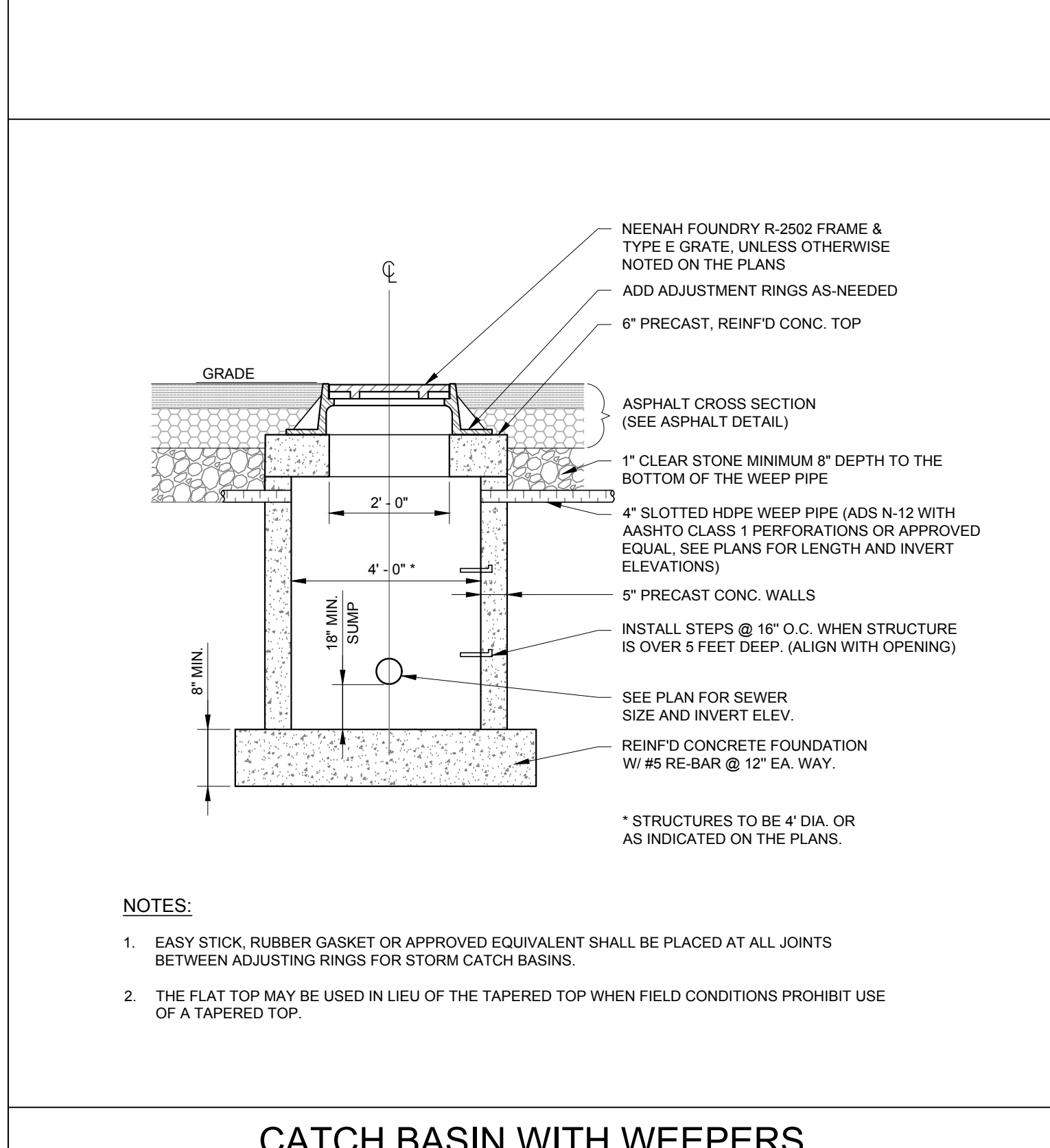
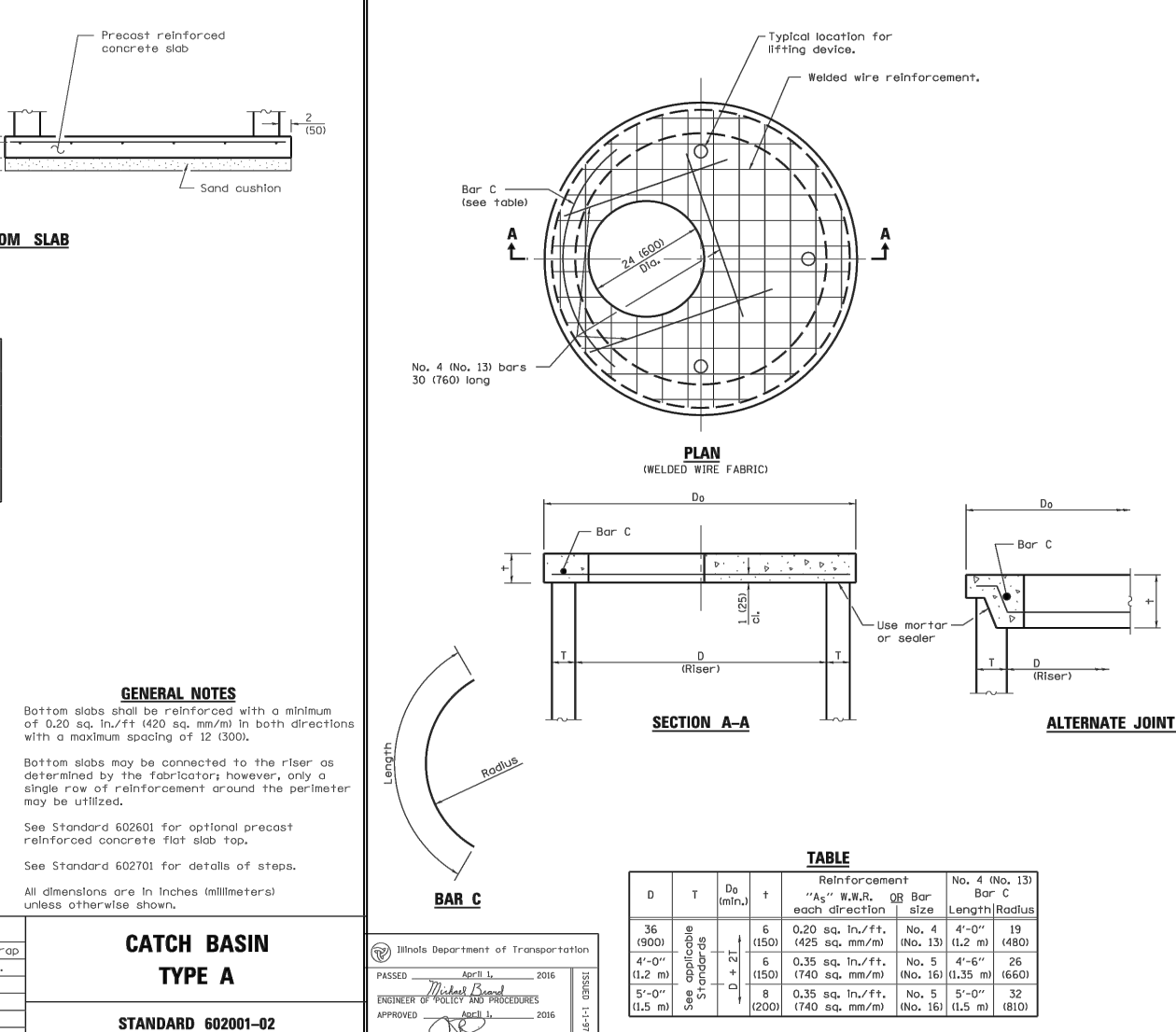
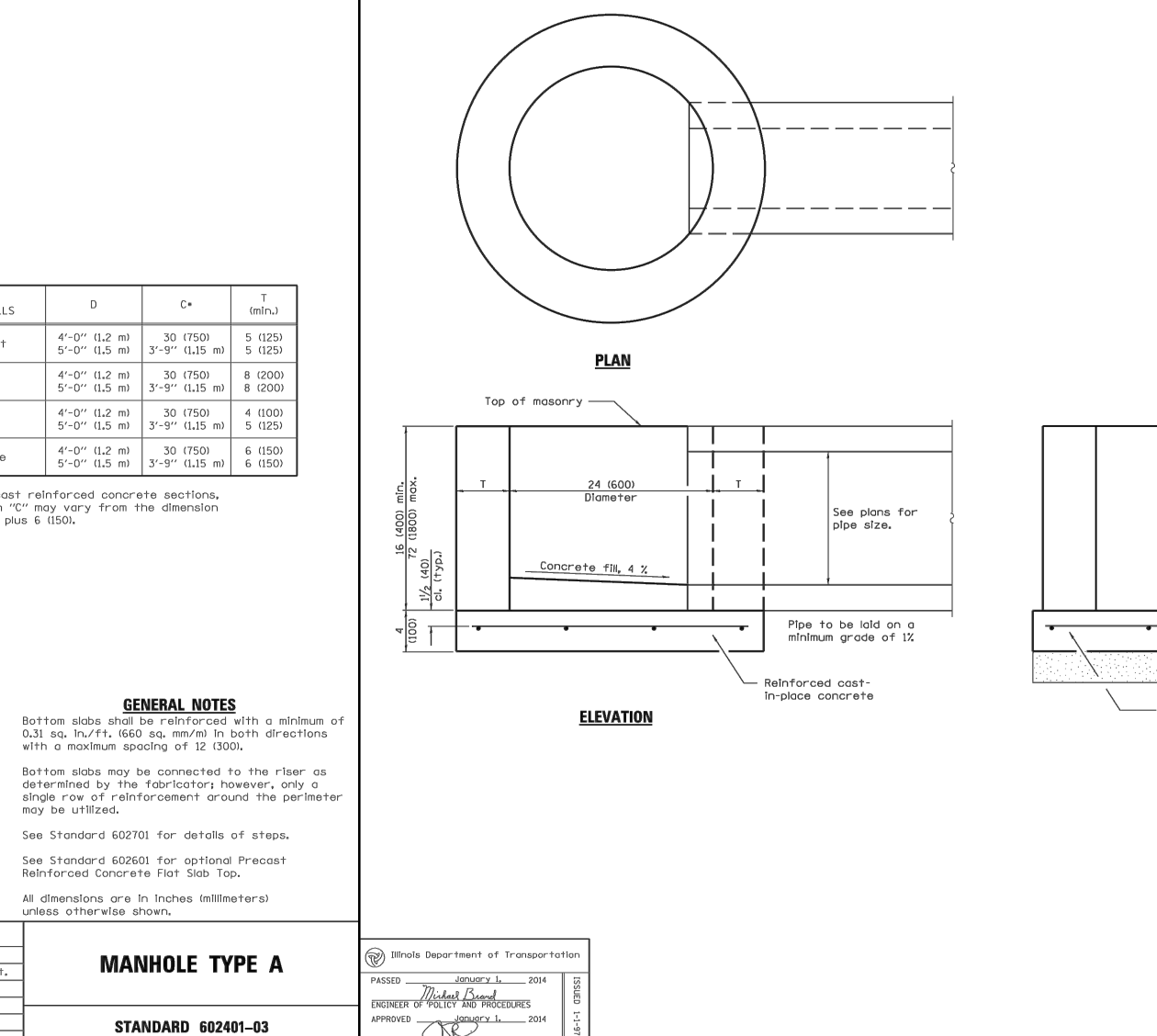
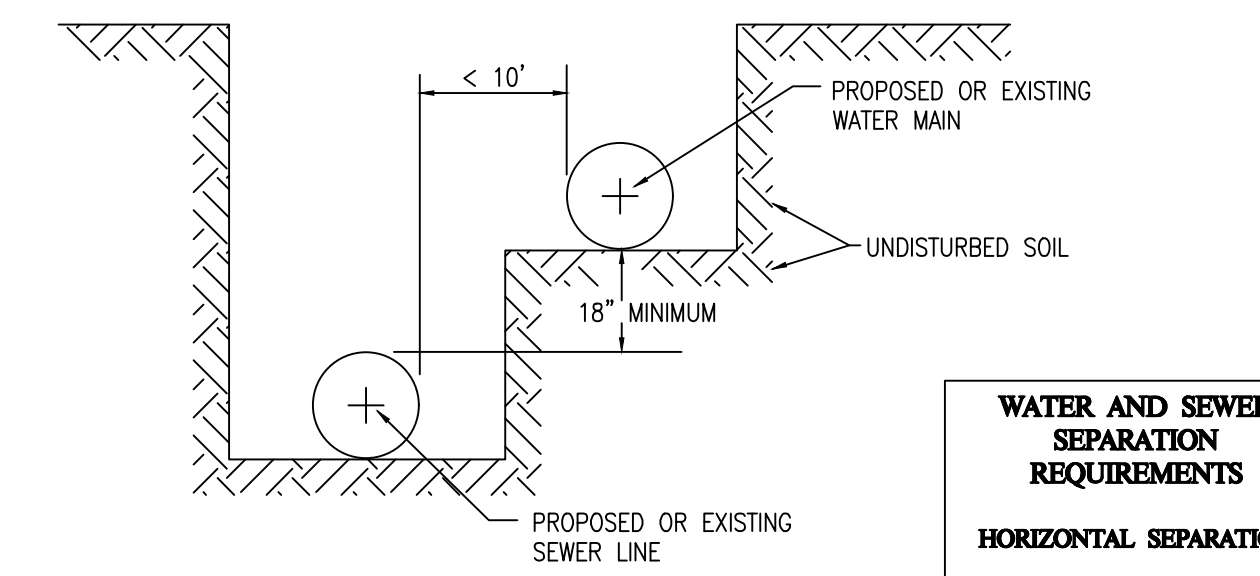
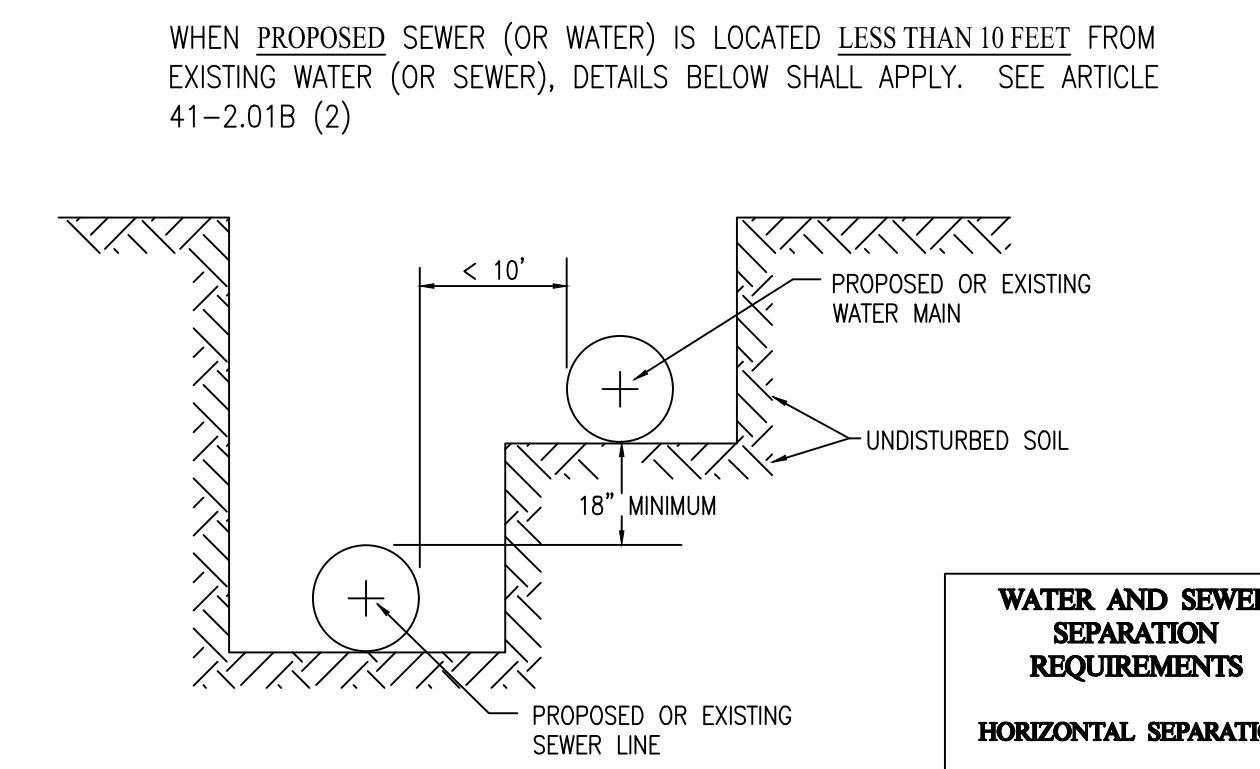
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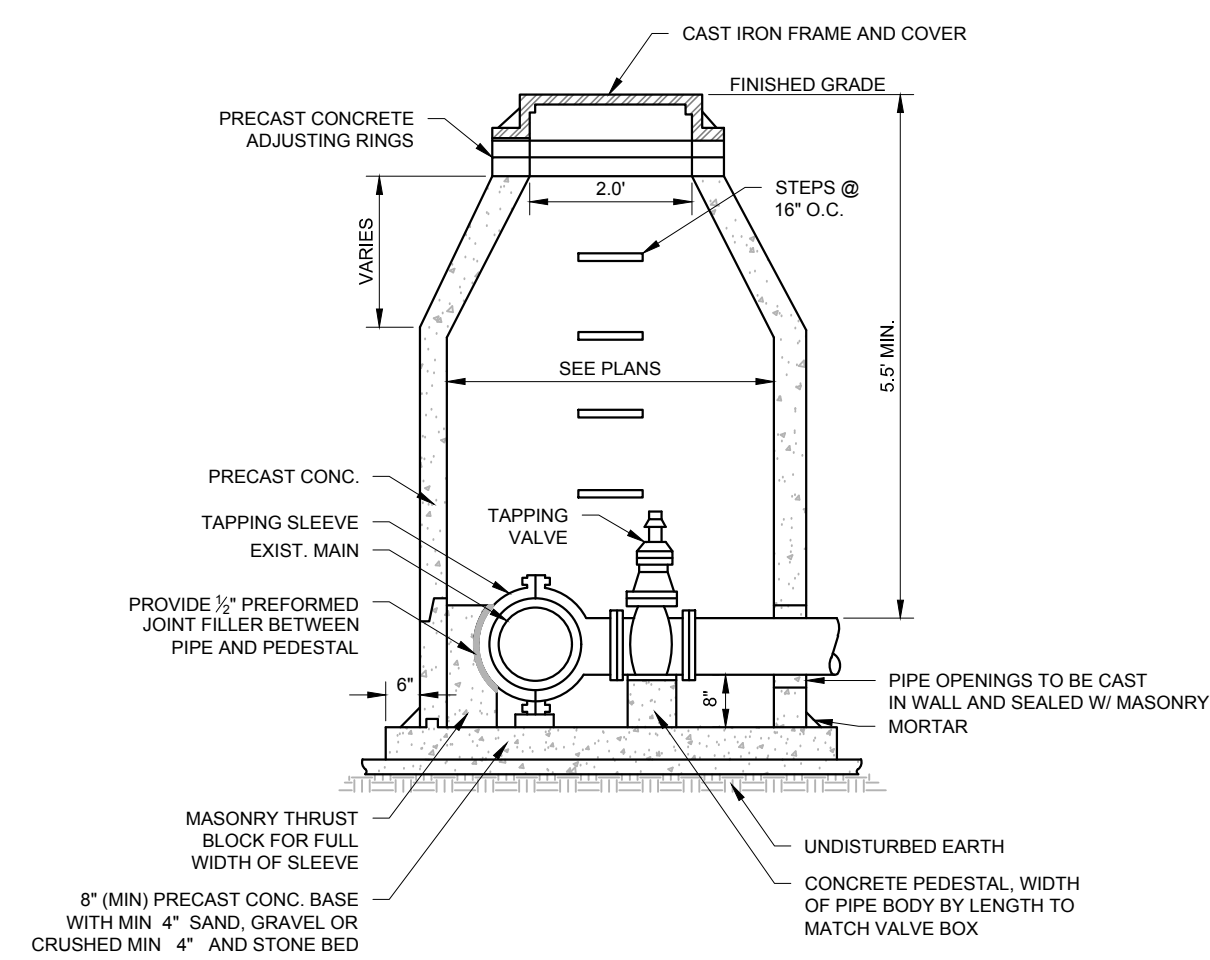
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150,000 SF BUILDING
PROSPECT HEIGHTS, ILLINOIS

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SITE STABILIZATION PLAN

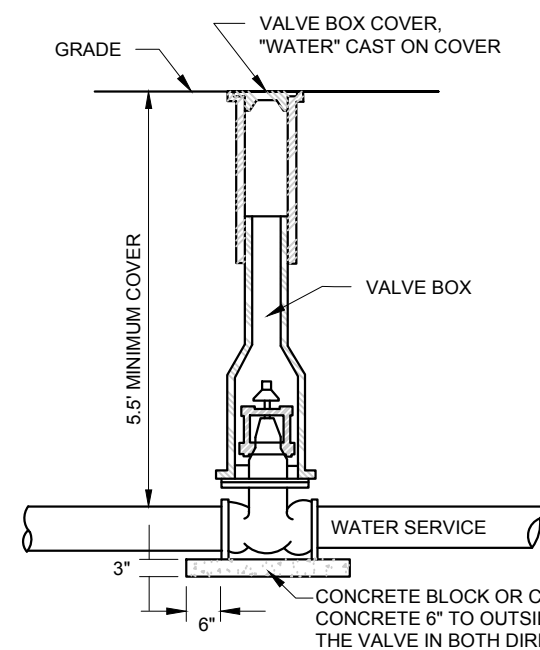
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REG. PM. BDJ
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OF
C-11



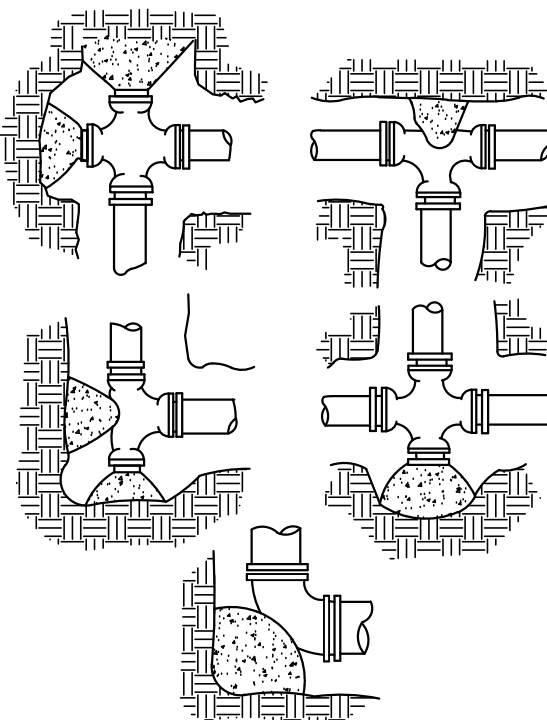


- NOTES:
1. VALVE VAULT BARREL SECTIONS SHALL CONFORM TO ASTM SPECIFICATIONS
 2. PRESSURE CONNECTION SHALL BE DONE WITH A STAINLESS STEEL SLEEVE AND BOLTS.

PRESSURE CONNECTION VALVE VAULT



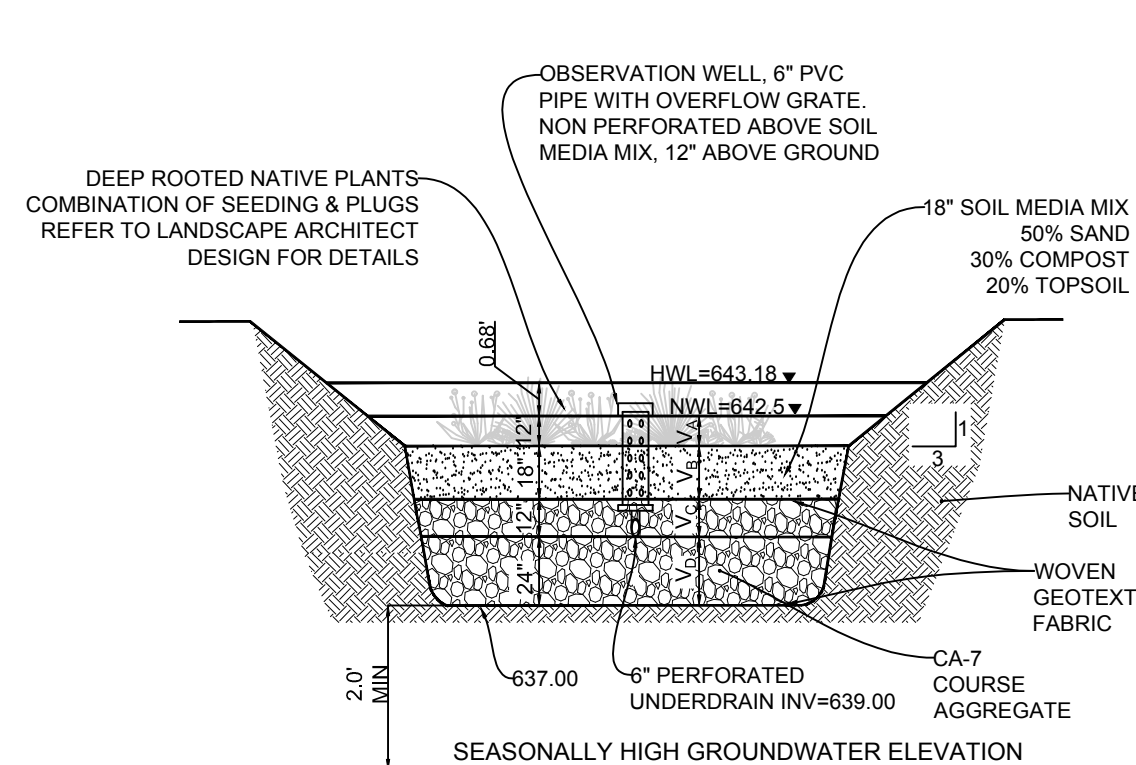
VALVE BOX



NOTES

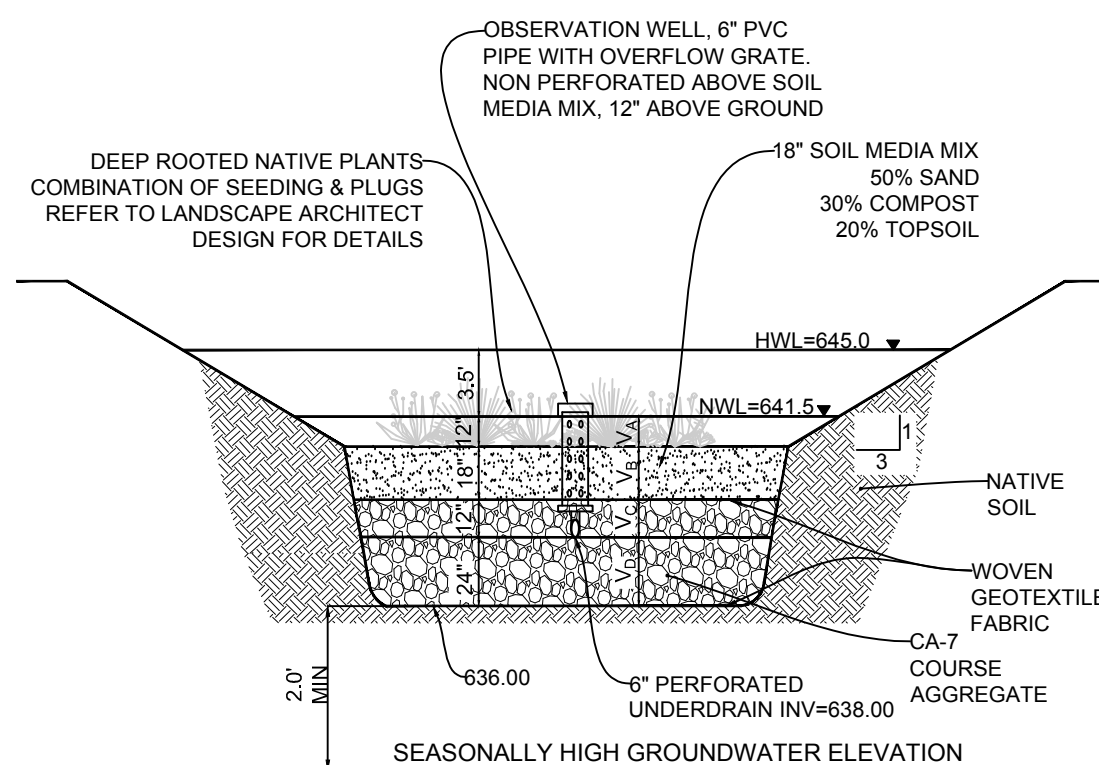
1. PROVIDE THRUST BLOCKING TO PREVENT MOVEMENT OF LINES UNDER PRESSURE AT BENDS, TEES, CAPS, VALVES, HYDRANTS, AND AT POINTS SPECIFIED BY THE ENGINEER.
2. ALL BLOCKING SHALL BE WITH POURED CLASS II CONCRETE AGAINST UNDISTURBED VERTICAL EARTH SURFACE.
3. THRUST BLOCKS TO BE AT ALL BENDS 11 1/4" OR GREATER.
4. THE COST OF INSTALLING THE THRUST BLOCK SHALL BE INCIDENTAL TO THE CONSTRUCTION OF THE WATER.

THRUST BLOCK



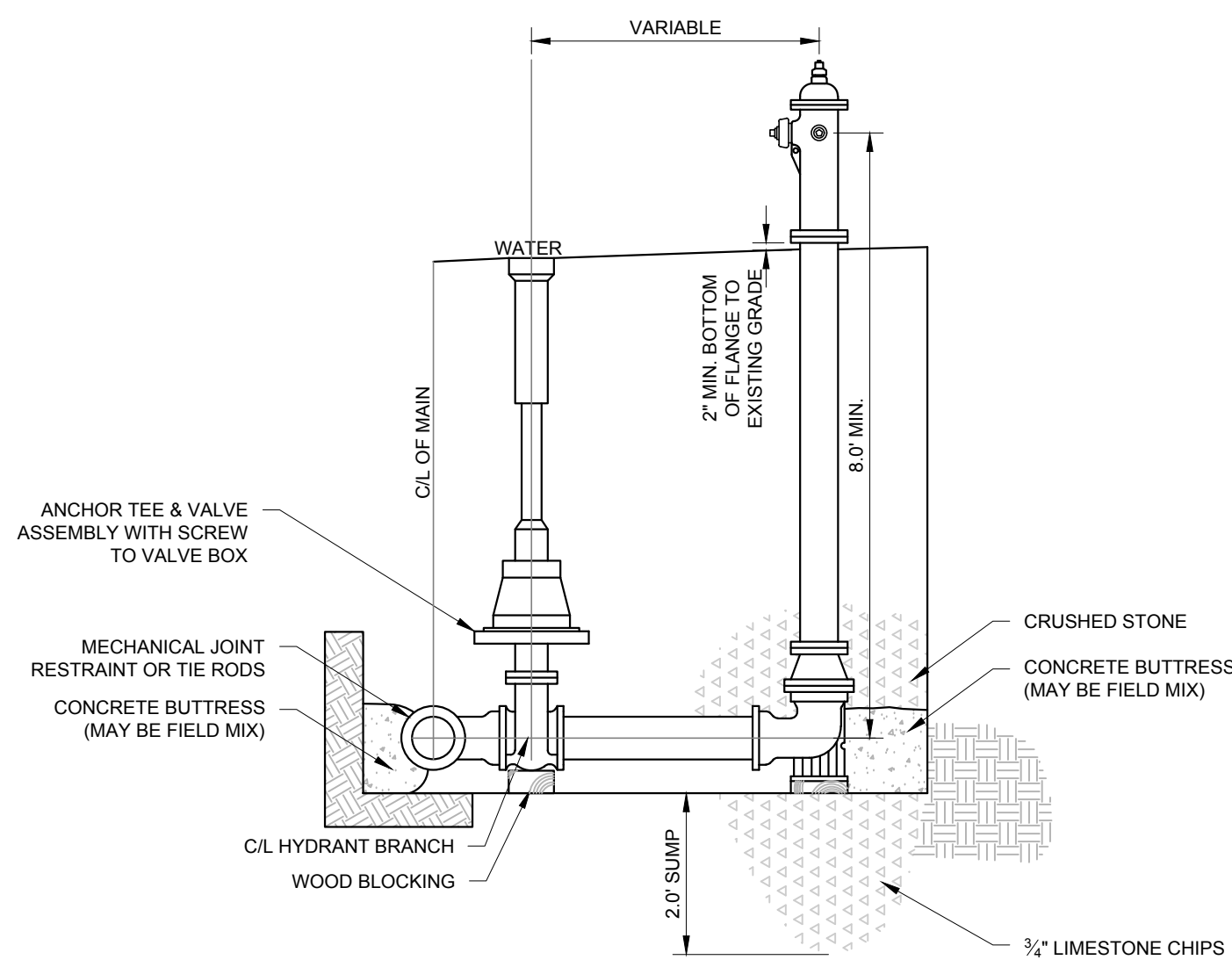
VOLUME TYPE	POROSITY	MEDIA VOLUME	STORAGE VOLUME	VOLUME PROVIDED
SURFACE STORAGE	1	V_A	$1.00 \times V_A$	5,253 CF
SOIL MEDIA MIX	0.25	V_B	$0.5 \times 0.25 \times V_B$	985 CF
COARSE AGG. (ABOVE INVERT)	0.36	V_C	$0.5 \times 0.36 \times V_C$	946 CF
COARSE AGG. (BELOW INVERT)	0.36	V_D	$0.36 \times V_D$	3,782 CF
TOTAL				10,966 CF (0.252 AF)
REQUIRED				10,863 CF (0.245 AF)

BIORETENTION TYPICAL SECTION - WEST BASIN



VOLUME TYPE	POROSITY	MEDIA VOLUME	STORAGE VOLUME	VOLUME PROVIDED
SURFACE STORAGE	1	V_A	$1.00 \times V_A$	6.176 CF
SOIL MEDIA MIX	0.25	V_B	$0.5 \times 0.25 \times V_B$	1.158 CF
COARSE AGG. (ABOVE INVERT)	0.36	V_C	$0.5 \times 0.36 \times V_C$	1.112 CF
COARSE AGG. (BELOW INVERT)	0.36	V_D	$0.36 \times V_D$	4.447 CF
TOTAL				12.893 CF (0.296 AF)
REQUIRED				11,430 CF (0.262 AF)

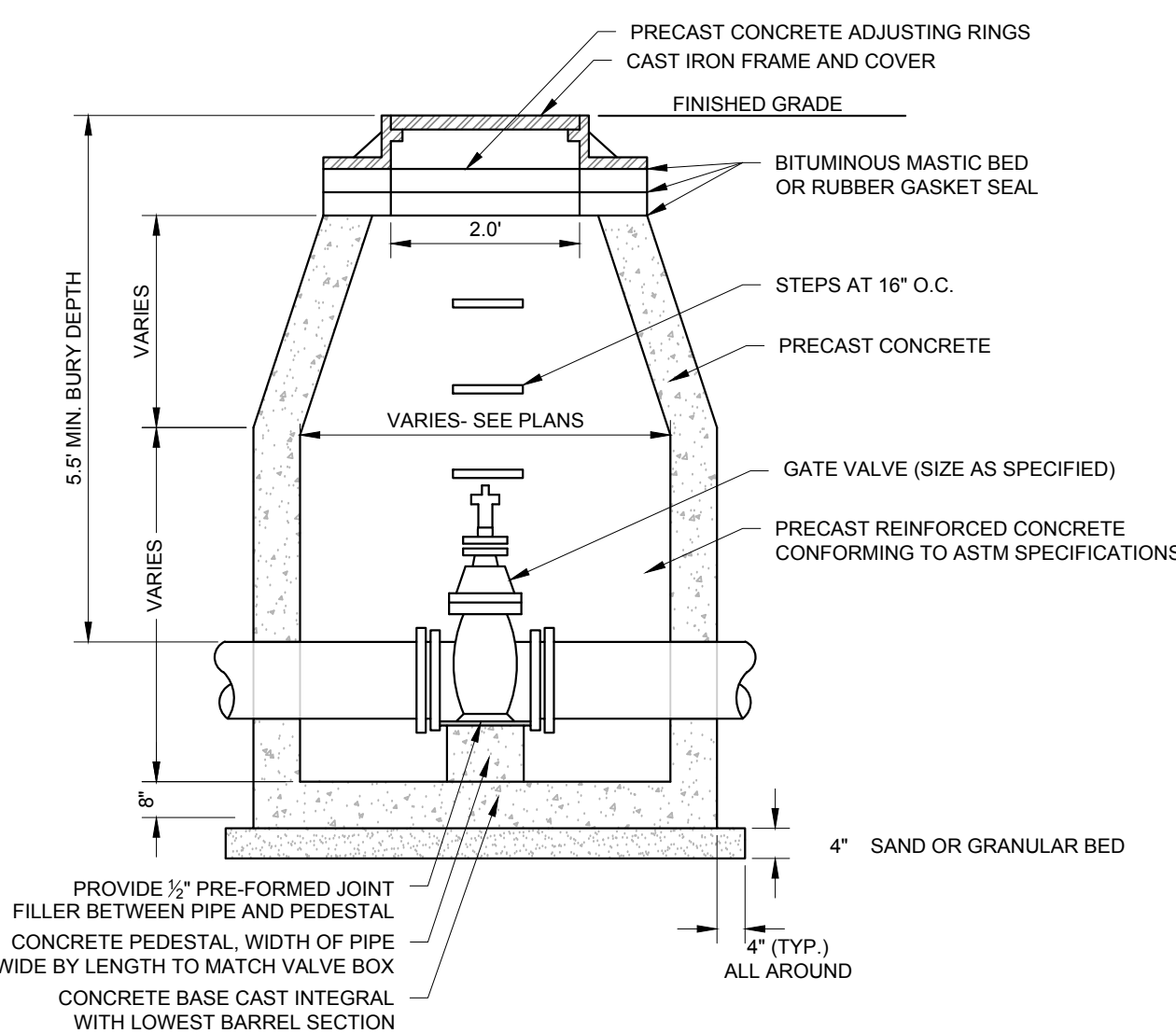
BIORETENTION TYPICAL SECTION - EAST BASIN



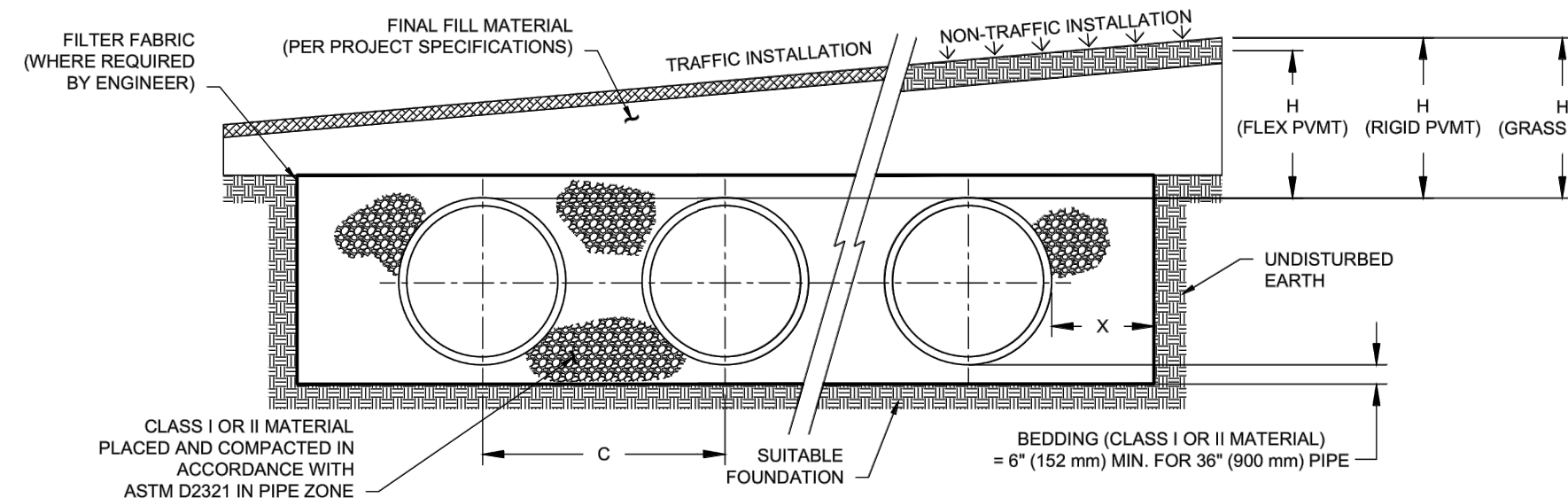
- NOTES:**
1. MEGALUG RESTRAINING GLANDS ON ALL MECHANICAL JOINTS, THE BOLTS & NUTS ARE TO BE HIGH STRENGTH LOW ALLOY STEEL (CORTEN AS PER SECTION 116.5 OF A.W.W.A. C-111.
 2. THE FOLLOWING HYDRANTS SHALL BE ALLOWED:

MUELLER SUPER CENTURIUM 250 3-WAY FIRE HYDRANT
U.S. PIPE METROPOLITAN / M-94 DUCTILE IRON FIRE HYDRANT
WATEROUS 5/8" PACER FIRE HYDRANT

FIRE HYDRANT



VALVE VAULT - TYPE A

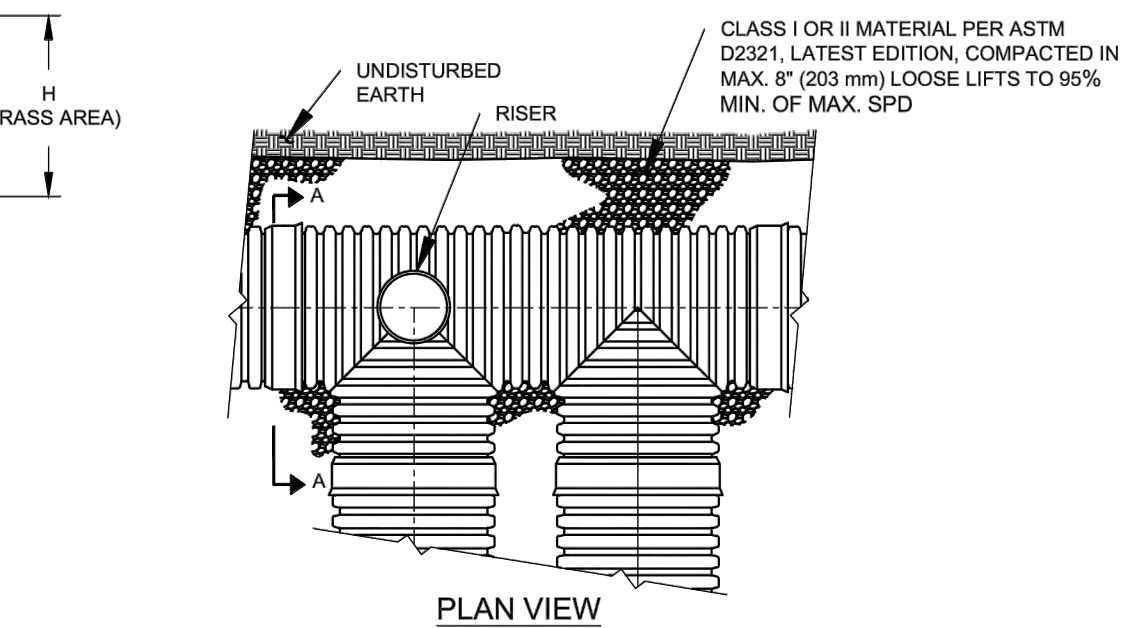


NOMINAL DIAMETER	NOMINAL O.D.	TYPICAL SPACING °C*	TYPICAL SIDE WALL "X"	MIN. H (NON-TRAFFIC)	MIN. H (TRAFFIC)	MAX. H*
36" (900 mm)	42" (1067 mm)	63" (1600 mm)	18" (457 mm)	12" (305 mm)	12" (305 mm)	8" (2.4 m)

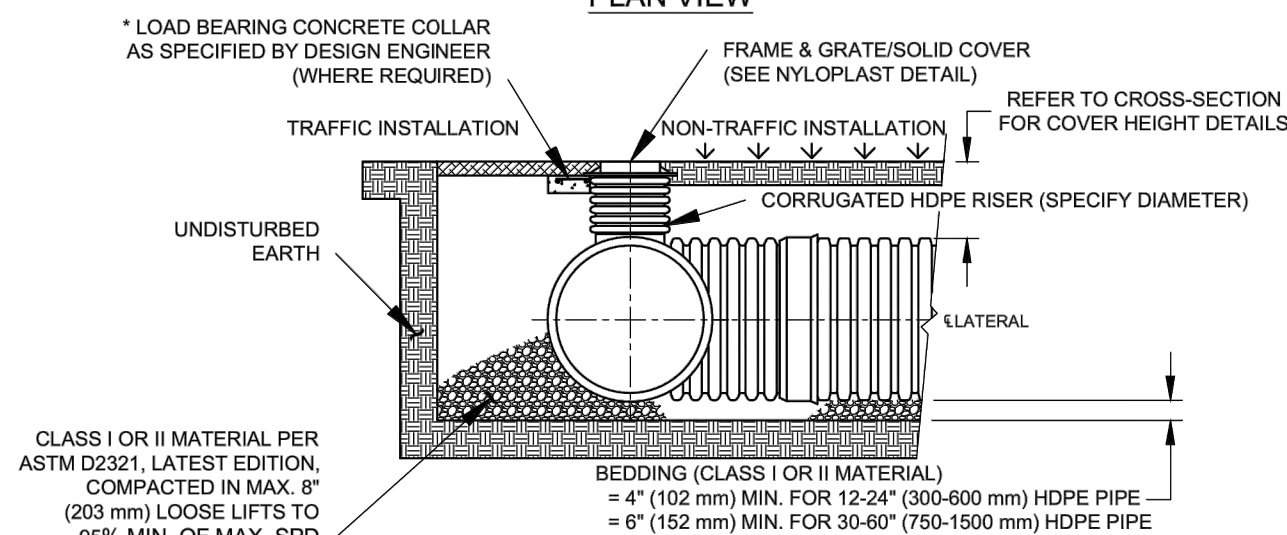
* MAXIMUM FILL HEIGHTS OVER MANIFOLD FITTINGS. CONTACT MANUFACTURER'S REPRESENTATIVE FOR INSTALLATION CONSIDERATIONS WHEN COVER EXCEEDS 8 FT (2.4 m).

NOTES

1. ALL REFERENCES TO CLASS I OR II MATERIAL ARE PER ASTM D2321 "STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY FLOW APPLICATIONS," LATEST EDITION.
2. ALL RETENTION AND DETENTION SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D2321, LATEST EDITION AND THE MANUFACTURER'S PUBLISHED INSTALLATION GUIDELINES.
3. MEASURES SHOULD BE TAKEN TO PREVENT THE MIGRATION OF NATIVE PINES INTO THE BACKFILL MATERIAL, WHEN REQUIRED. SEE ASTM D2321.
4. FILTER FABRIC: A GEOTECHNICAL FABRIC MAY BE USED AS SPECIFIED BY THE ENGINEER TO PREVENT THE MIGRATION OF FINES FROM THE NATIVE SOIL INTO THE SELECT BACKFILL MATERIAL.
5. FOUNDATION: WHERE THE TRENCH BOTTOM IS UNSTABLE, THE CONTRACTOR SHALL EXCAVATE TO A DEPTH REQUIRED BY THE ENGINEER AND REPLACE WITH SUITABLE MATERIAL AS SPECIFIED BY THE ENGINEER, AS AN ALTERNATIVE AND AT THE DISCRETION OF THE DESIGN ENGINEER, THE TRENCH BOTTOM MAY BE STABILIZED USING A GEOTECHNICAL MATERIAL.
6. BEDDING: SUITABLE MATERIAL SHALL BE CLASS I OR II. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR ENGINEER REVIEW TO THE ENGINEER. MINIMUM BEDDING THICKNESS SHALL BE 4" (102 mm) FOR 4"-24" (100-600 mm), 6" (152 mm) FOR 30"-60" (750-900 mm).
7. INITIAL BACKFILL: SUITABLE MATERIAL SHALL BE CLASS I OR II IN THE PIPE ZONE EXTENDING NOT LESS THAN 6" (152 mm) ABOVE CROWN OF PIPE. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR ENGINEER REVIEW TO THE DESIGN ENGINEER. MATERIAL SHALL BE INSTALLED AS REQUIRED IN ASTM D2321, LATEST EDITION.
8. COVER: MINIMUM COVER OVER ALL RETENTION/DETENTION SYSTEMS IN NON-TRAFFIC APPLICATIONS (GRASS OR LANDSCAPE AREAS) IS 12" (305 mm) FROM TOP OF PIPE TO GRADE SURFACE. ADDITIONAL COVER SHALL BE PROVIDED FOR PREVENT DAMAGE TO TRAFFIC APPLICATIONS. MINIMUM COVER IS 12" (305 mm) UP TO 36" (900 mm) DIAMETER PIPE AND 24" (610 mm) OF COVER FOR 42"-60" (1067-1525 mm) DIAMETER PIPE. MEASURED FROM TOP OF PIPE TO TOP OF FLEXIBLE COVER. MINIMUM COVER SHALL BE 18" (457 mm) MAXIMUM FILL HEIGHT LIMITED TO 8' (2.4 m) OVER FITTINGS FOR STANDARD INSTALLATIONS. CONTACT A SLES REPRESENTATIVE WHEN MAXIMUM FILL HEIGHTS EXCEED 8 FT (2.4 m) FOR INSTALLATION CONSIDERATIONS.



PLAN VIEW



SECTION A-A

- * LOAD BEARING CONCRETE COLLAR SHALL BE CONSTRUCTED IN TRAFFIC AREAS SUCH THAT THE LIVE LOAD IS TRANSMITTED TO THE SURROUNDING SOIL AND NOT DIRECTLY TO THE RISER

NOTE: CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR APPROVAL FOR THE UNDERGROUND STORMWATER CHAMBER SYSTEM PRIOR TO ORDERING

PIPER LANE INDUSTRIAL REDEVELOPMENT
150,000 SF BUILDING
PROSPECT HEIGHTS, ILLINOIS

REVISIONS	

CONSTRUCTION STANDARDS

EG JOB No. **1450.00-1L**
EG PM **BDJ**
START DATE **12/19/18**
SCALE **NONE**

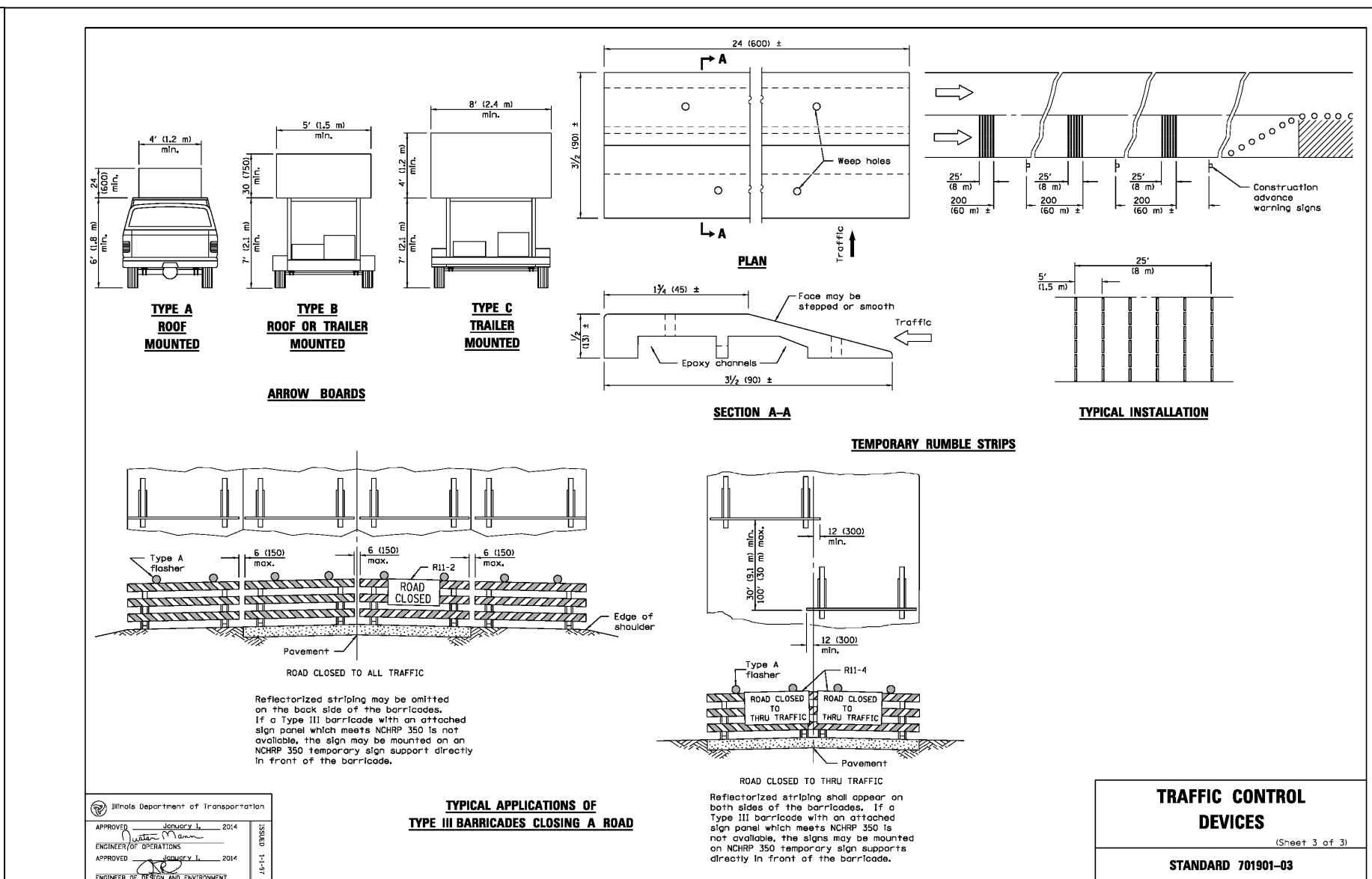
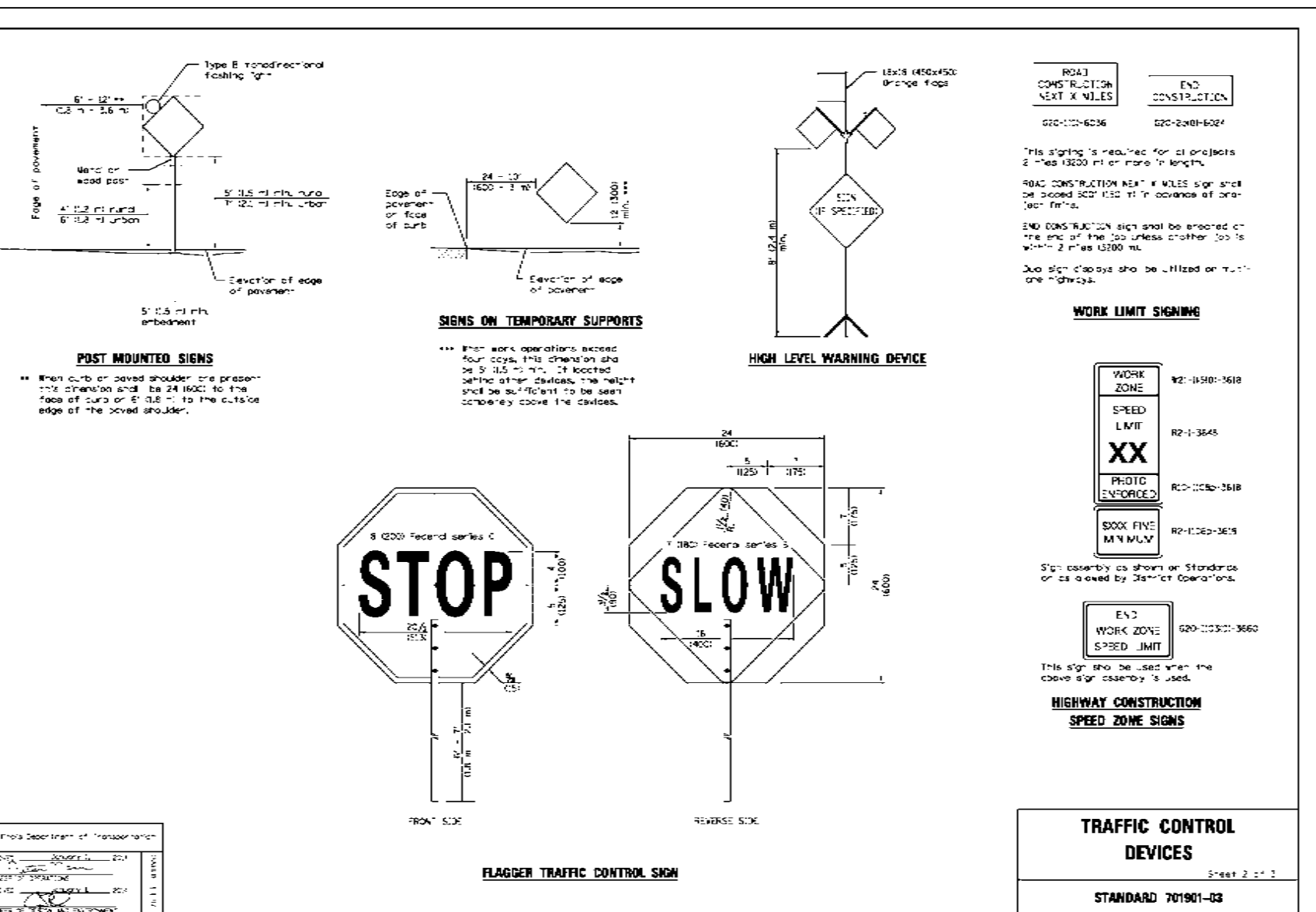
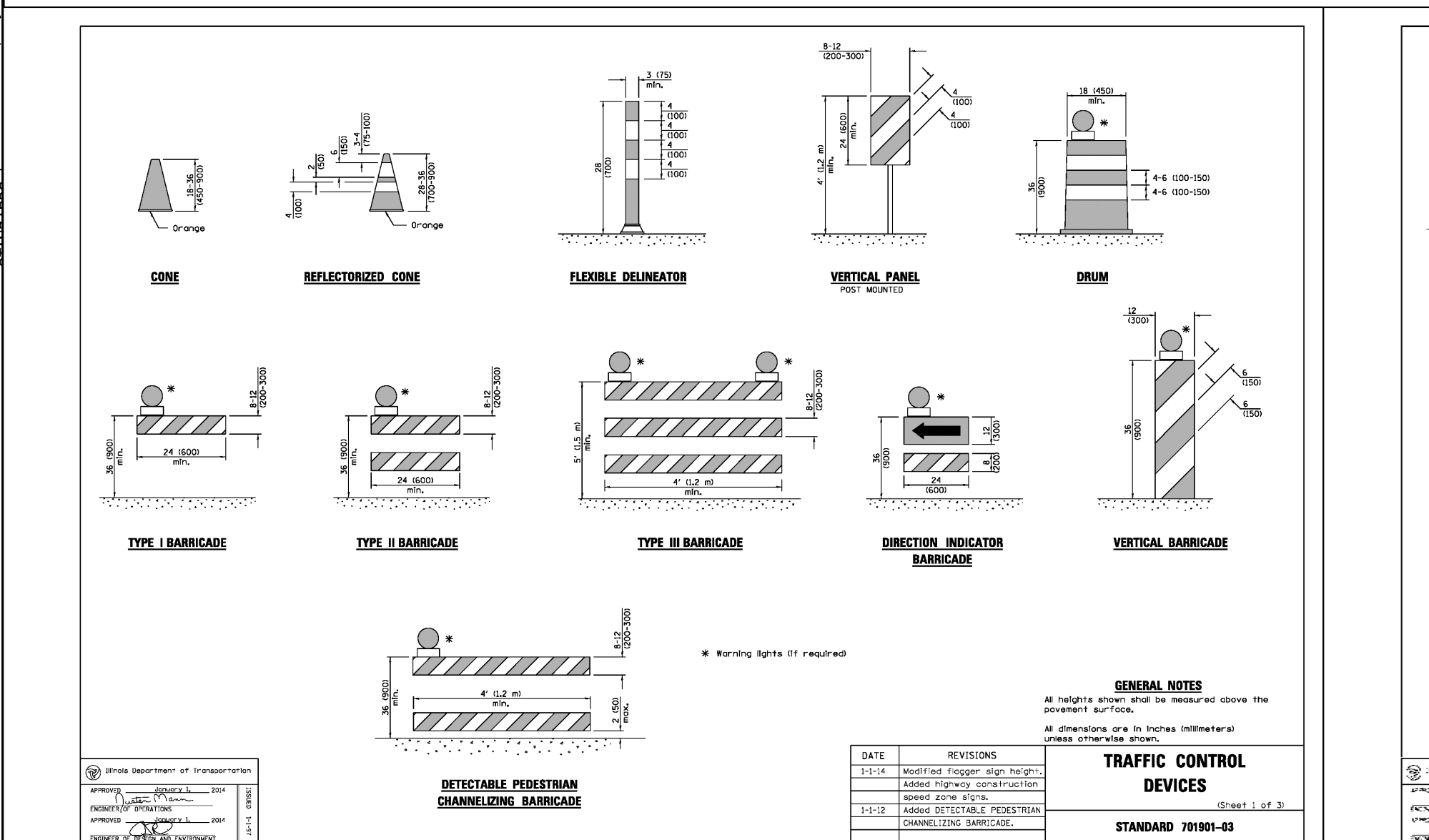
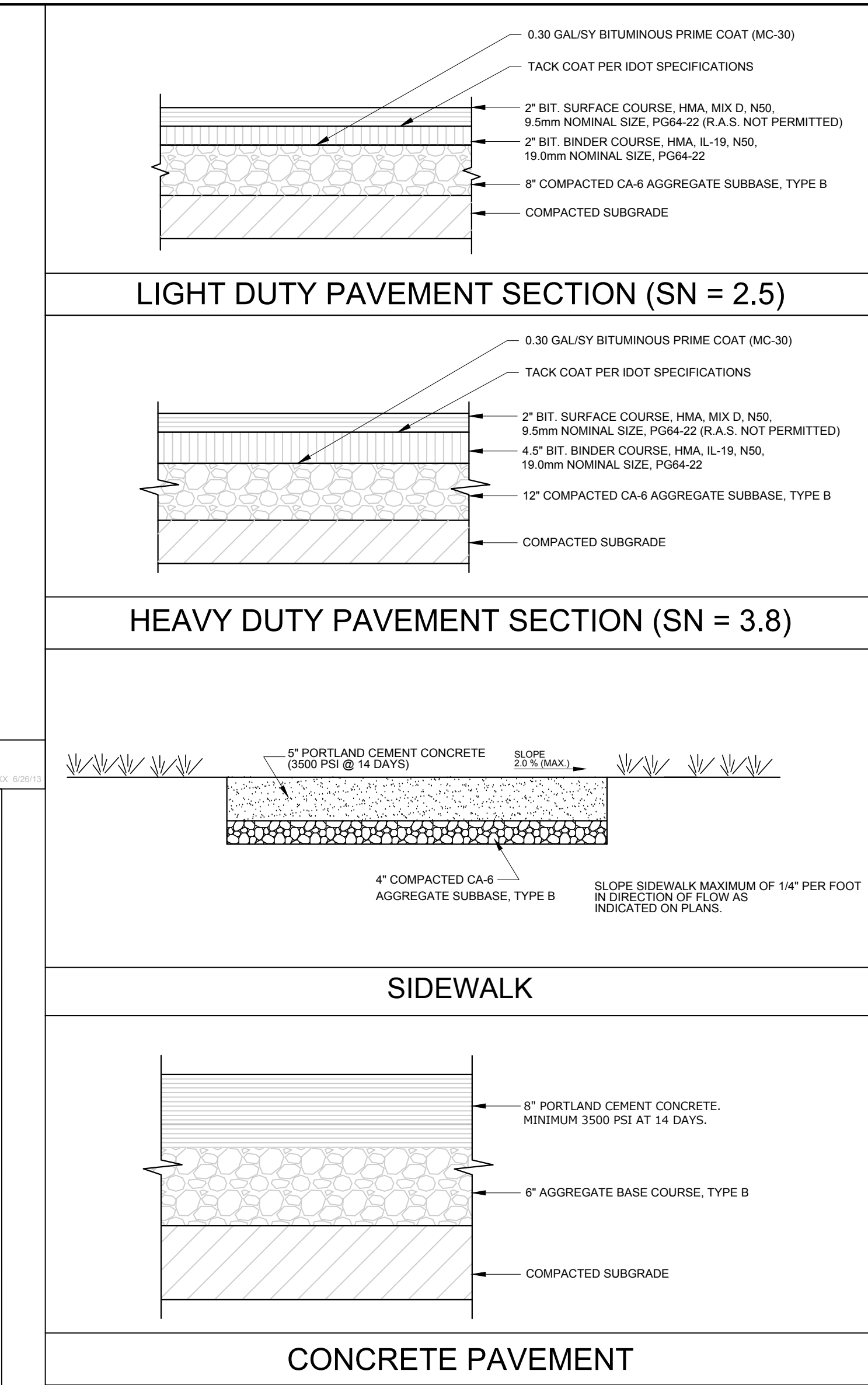
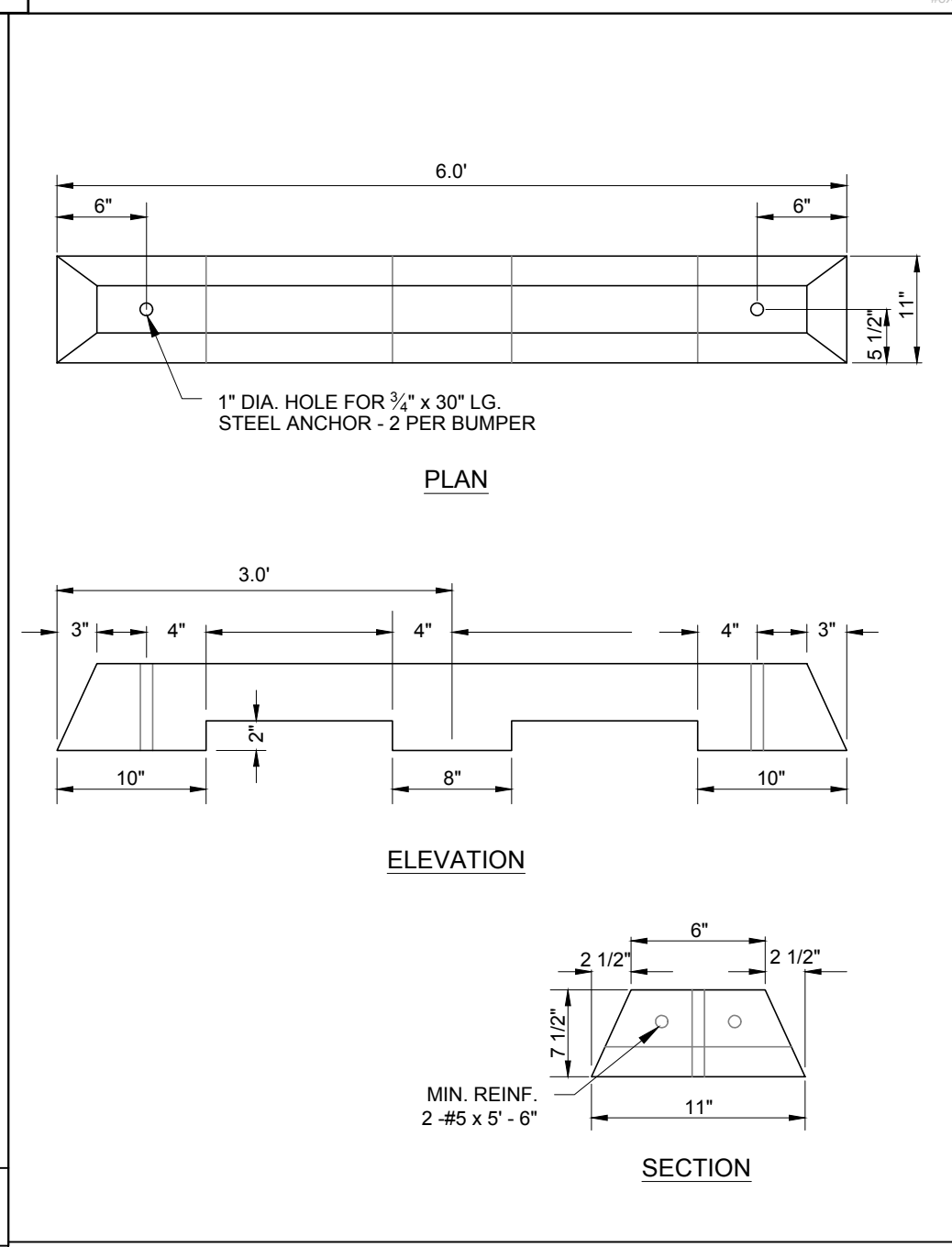
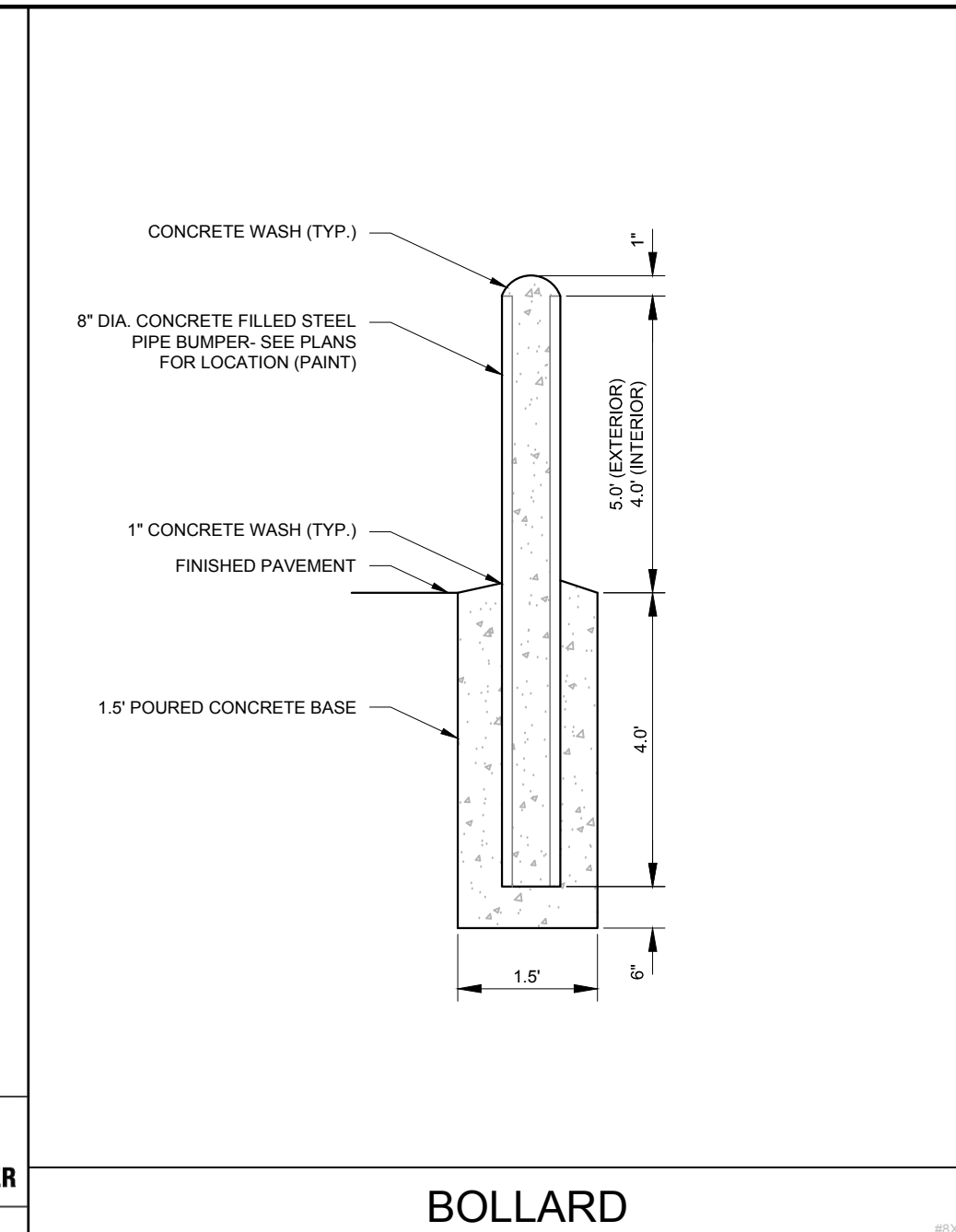
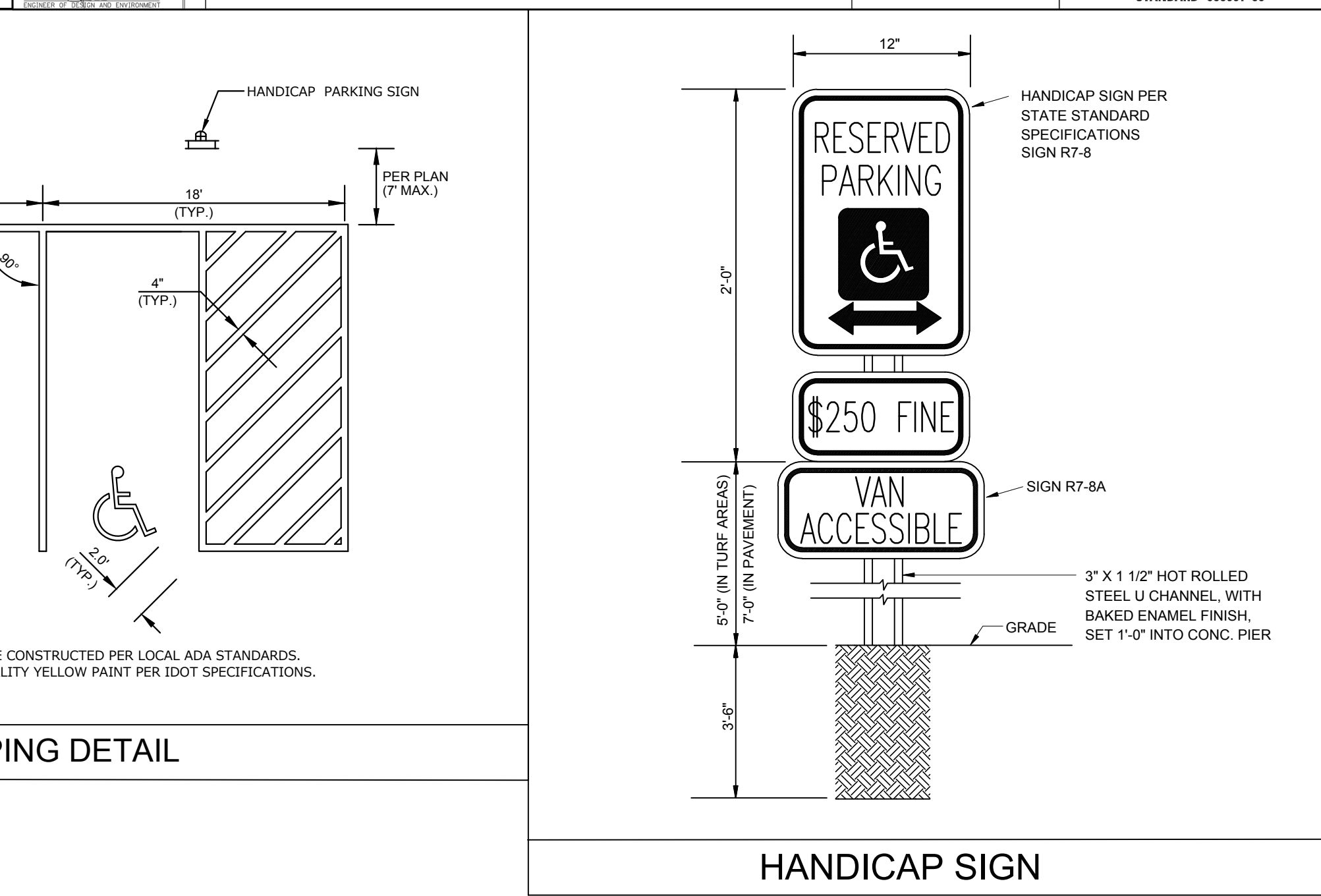
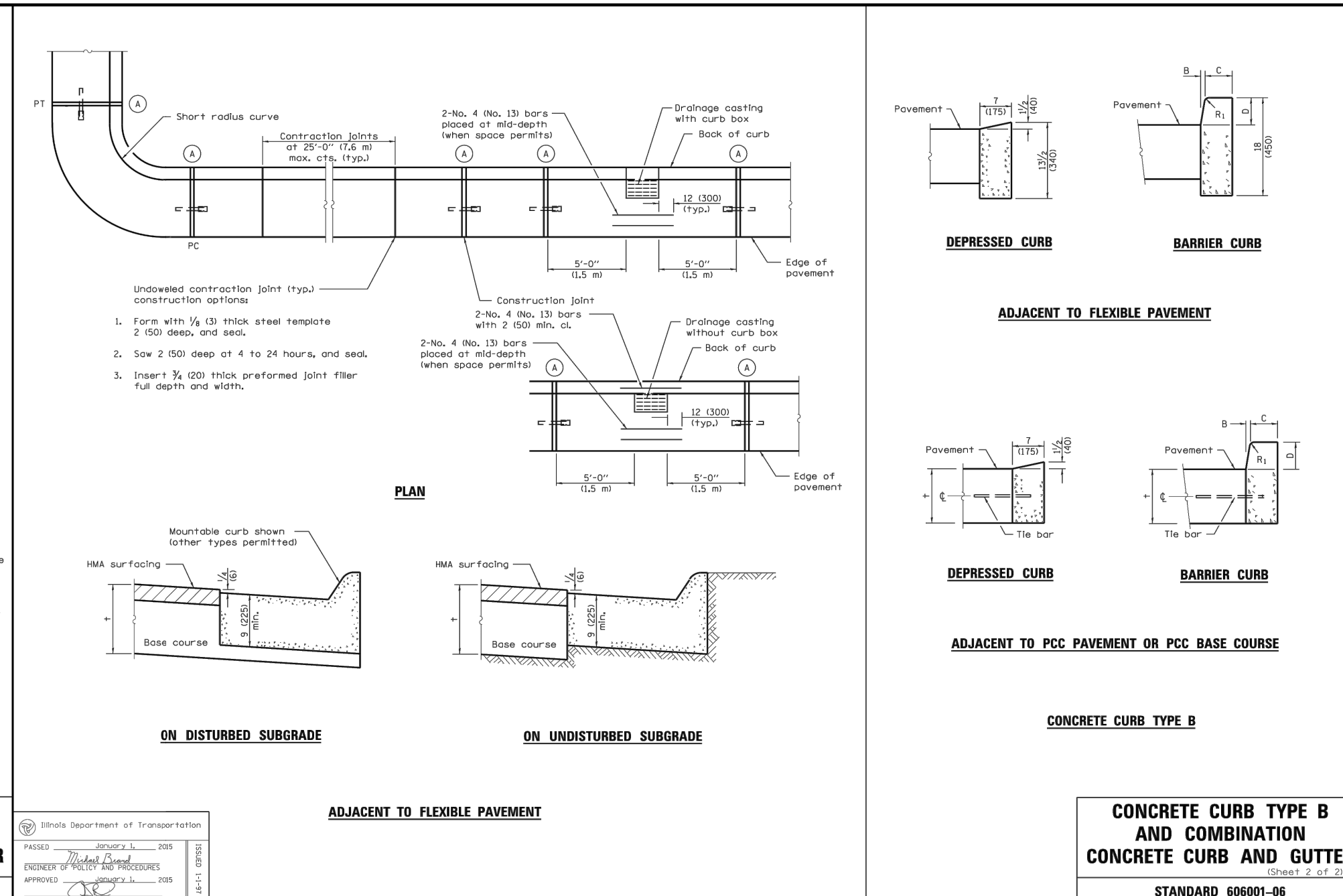
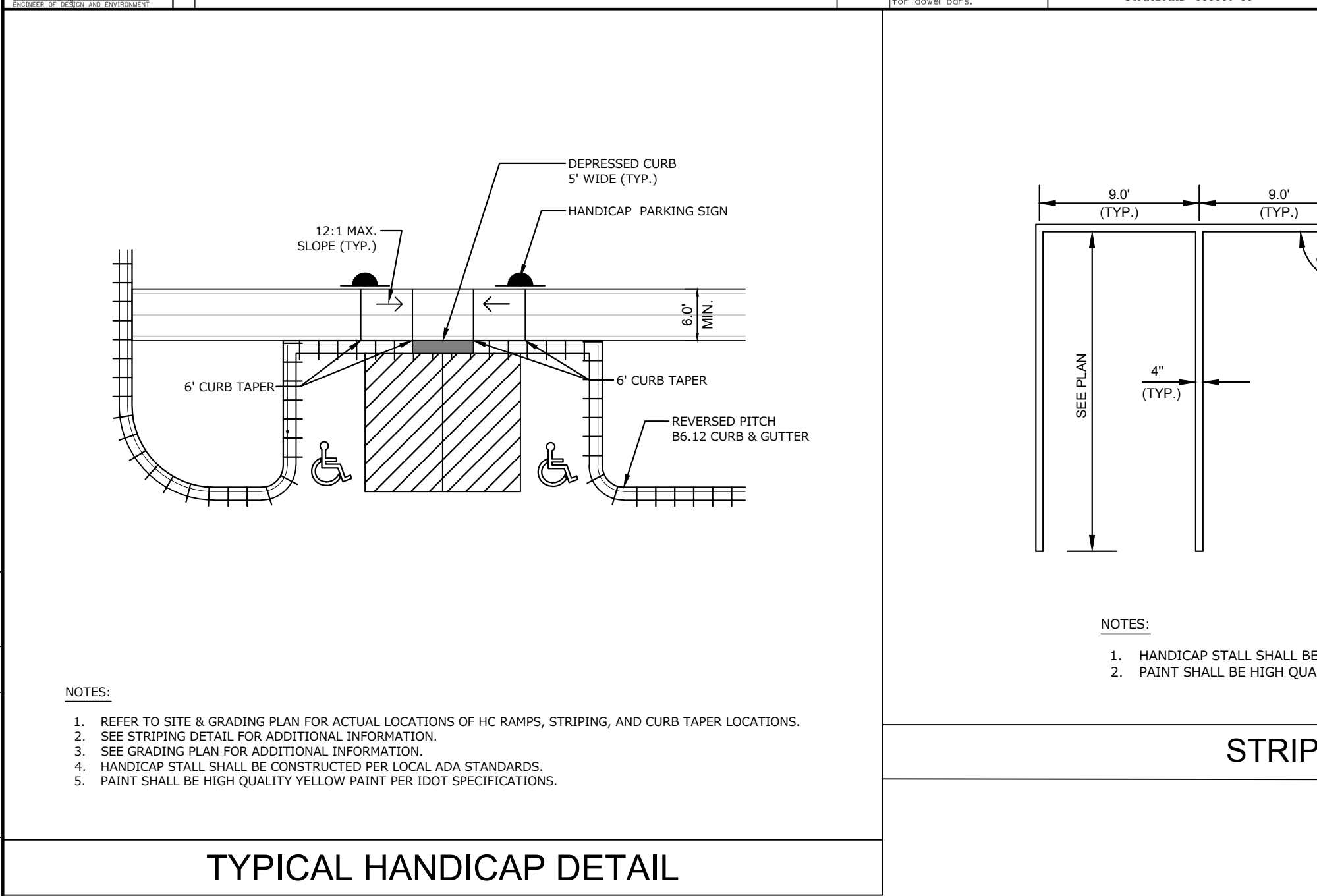
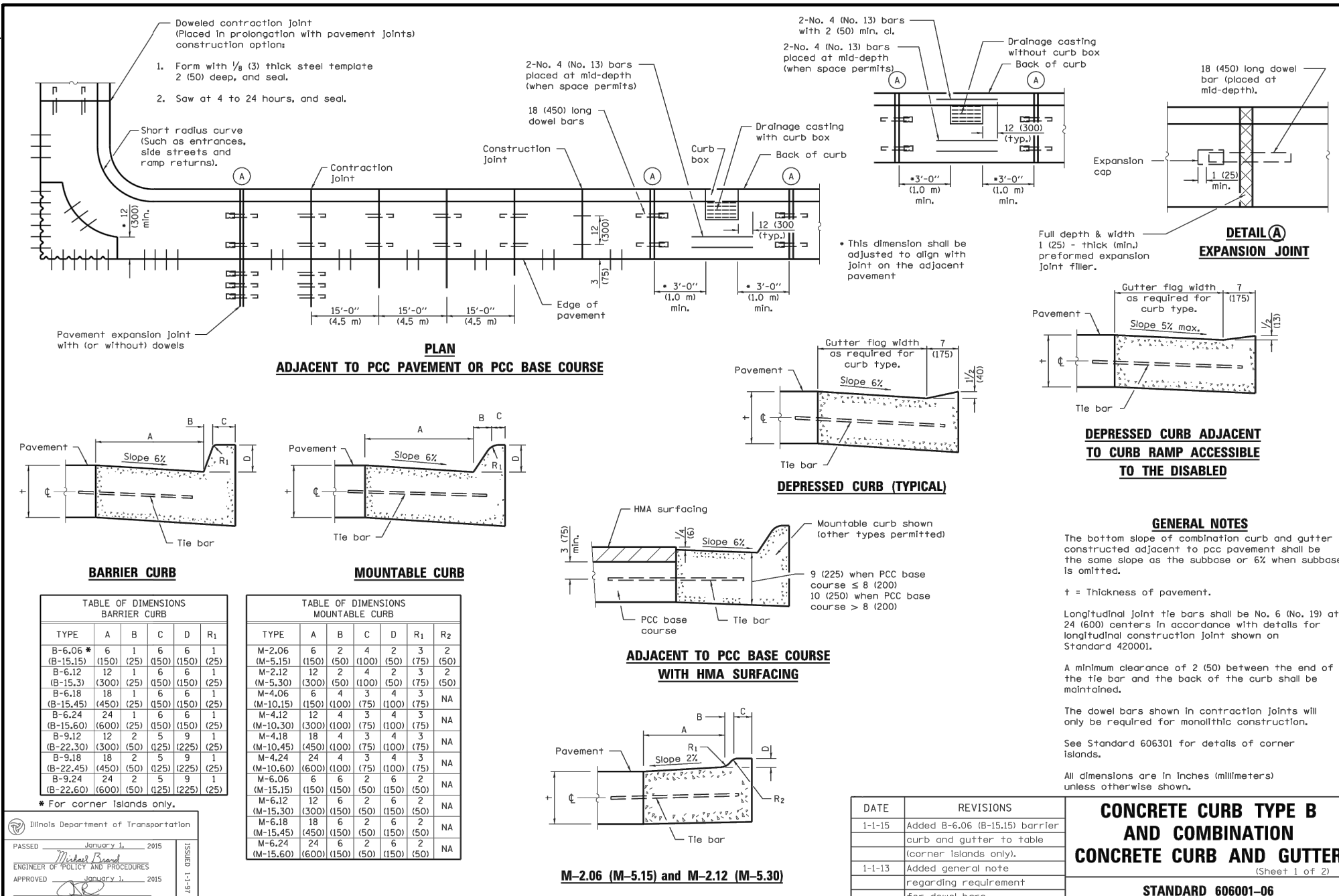
SHEET
C-10
OF
C-11

12/21/2018 10:38 AM - 2: Projects\2018\1450-00-1\312 - ENGINEERING\FINAL SHEET\0-7 CONSTRUCTION

REVIEWED: BDJ

DESIGNED: DAT

DRAFTED: DKT





LA Design		
Architecture,	Real Estate Consulting,	Landscape Architecture
900 North Shore Drive		
Suite 100		
Lake Bluff, Illinois 60044		
847-615-0707		

Scale: NTS

GENERAL NOTES:

- | DRAWING INDEX | |
|---------------|--|
| SHEET # | SHEET TITLE |
| CVR | DRAWING INDEX AND GENERAL NOTES |
| LP-1 | PRELIMINARY OVERALL LANDSCAPE PLAN |
| LP-2 | PRELIMINARY PLANT LIST & DETAILS |
| LP-3 | REAR YARD PLANTING ELEVATION & SECTION DETAILS |
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SHEET # SHEET TITLE

CVR	DRAWING INDEX AND GENERAL NOTES
LP-1	PRELIMINARY OVERALL LANDSCAPE PLAN
LP-2	PRELIMINARY PLANT LIST & DETAILS
LP-3	REAR YARD PLANTING ELEVATION & SECTION DETAILS

DESCRIPTION

DECEMBER 21, 2018

PIPER LANE INDUSTRIAL REDEVELOPMENT

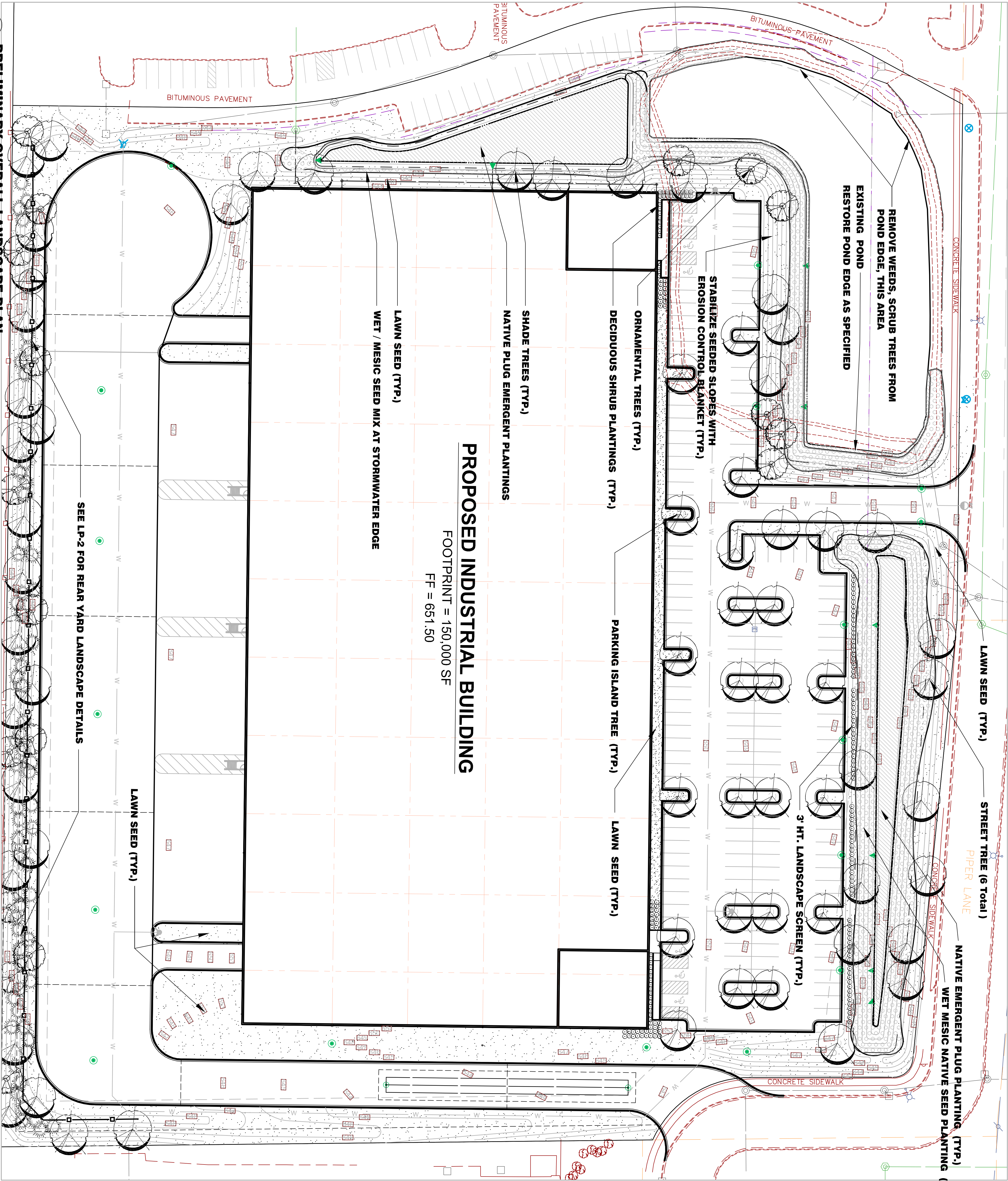
PROSPECT HEIGHTS, ILLINOIS

	ISSUED FOR:	DATE:
FOR VILLAGE REVIEW		
		12-21-18

PROJECT NUMBER: 201804	DESIGNED BY: LD
SCALE: AS NOTED	REVIEWED BY: LD
DATE: 12-18-18	PROJECT MANAGER: LD

CVR

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Planting Legend:

- LAWN
- NATIVE EMERGENT PLUG PLANTING
- TYPICAL WET MESIC NATIVE SEED MIX
- PROPOSED ANNUALS
- PROPOSED SHADE TREE
- PROPOSED ORNAMENTAL TREE
- PROPOSED EVERGREEN TREE
- PROPOSED SHRUBS

PRELIMINARY OVERALL LANDSCAPE PLAN

PIPER LANE INDUSTRIAL REDEVELOPMENT

150,000 SF BUILDING

PROSPECT HEIGHTS, ILLINOIS

LA Design

Architecture, Real Estate Consulting, Landscape Architecture

900 North Shore Drive
Suite 100
Lake Bluff, Illinois 60044

847-615-0707

ISSUED FOR:	DATE:
FOR VILLAGE REVIEW	12-21-18
PROJECT NUMBER:	DESIGNED BY:
201804	LD
SCALE:	REVIEWED BY:
AS NOTED	LD
DATE:	PROJECT MANAGER:
12-18-18	LD
SHEET NUMBER:	
LP-1	

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WET BOTTOM PLUGS

					Scientific Name
Acorus	calamus	sweet flag	200	plug	
Asclepias	incanata	swamp milkweed	200	plug	
Carex	stricta	common tussock sedge	200	plug	Bouteloua curtipendula
Carex	lyphtina	common cattail sedge	200	plug	Carex spp.
Carex	vulpinoides	brown fox sedge	200	plug	Elymus canadensis
Iris	virginica	blue flag iris	500	plug	Koeleria cristata
Liatris	spicata	marsh blazing star	200	plug	Panicum virgatum
Lobelia	cardinalis	cardinal flower	200	plug	Schizachyrium scoparium
Lobelia	siphilitica	great blue lobelia	200	plug	Avena sativa
Mimulus	ringens	monkey flower	200	plug	Lolium multiflorum
Scirpus	pungens	chairmaker's rush	200	plug	Amorpha canescens

WET MESIC GRASS SEED MIX

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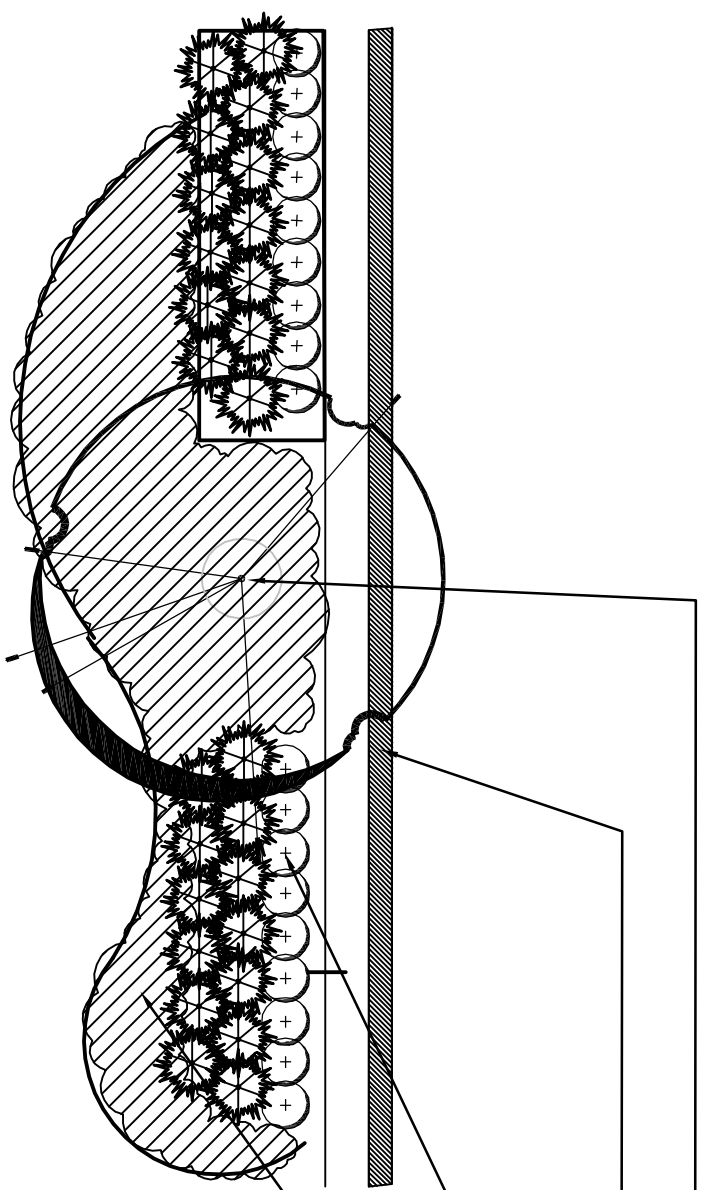
NATIVE SHORT GRASS SEED MIX

Scientific Name	Common Name	OZ/Acre	Unit	Scientific Name	Common Name	OZ/Acre	Unit
Asclepias	common milkweed	2	Seed	Asclepias tuberosa	butterfly milkweed	2.00	Seed
Asclepias	tuberosa			Aster eroides	Heath Aster	0.25	
Aster	laevis	2	Seed	Aster laevis	Smooth Blue Aster	1.00	
Coreopsis	palmetta	1	Seed	Aster novae-angliae	New England Aster	0.50	
Dalea	candida	1	Seed	Baptisia tincta	White Wild Indigo	2.00	
Echinacea	purpurea	1.5	Seed	Chamaecrista fasciculata	Partridge Pea	12.00	
Liatris	aspera	7	Seed	Coreopsis lanceolata	Sand Coreopsis	5.00	
Rudbeckia	subserotensis	0.5	Seed	Coreopsis palmata	Prairie Coreopsis	1.00	
Buteloua	curtipendula	1	Seed	Dalea candida	White Prairie Clover	1.50	
Penstemon	digitalis	2.75	Seed	Dalea purpurea	Purple Prairie Clover	1.50	
Schizachyrium	scoparium	0.5	Seed	Desmanthus illinoensis	Illinois Sensitive Plant	3.00	
Sporobolus	heterolepis	36	Seed	Echinacea purpurea	Broad-Leaved Purple Coneflower	7.00	
		16	Seed	Eryngium yuccifolium	Rattlesnake Master	3.00	

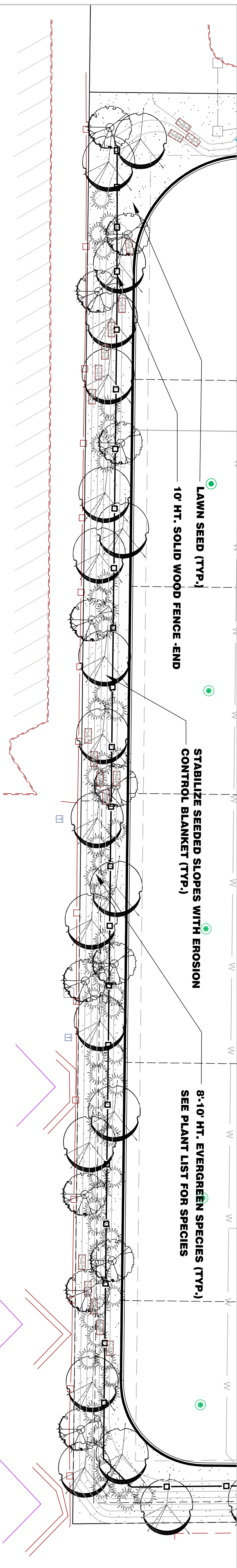
PRELIMINARY PLANT LIST

PLOT		QTY.	BOTANICAL NAME	COMMON NAME	SIZE	NOTES
SHADE TREES						
ACRU			Acer rubrum 'Frankford'	Red Sunset Red Maple	3' Cal. BB	Specimen
PLAC			Platanus x acerifolia 'Morton Circle'	Morton Circle Planetree	3' Cal. BB	Specimen
QUBI			Quercus bicolor	Swamp White Oak	3' Cal. BB	Specimen
QUMU			Quercus muhlenbergii	Chinkapin Oak	3' Cal. BB	Specimen
ULCA			Ulmus carpinifolia 'Morton Glossy'	Triumph Smoothleaf Elm	3' Cal. BB	Specimen
EVERGREEN TREES						
PIAB			Picea abies	Norway Spruce	8' Ht. BB	Heavy Specimen
PIAB			Picea abies	Norway Spruce	10' Ht. BB	Heavy Specimen
PSME			Pseudotsuga menziesii	Douglas fir	8-10' Ht. BB	Heavy Specimen
ORNAMENTAL TREES						
MARE			Morus 'Red Jewel'	Red Jewel Crabapple	8' Ht. BB	Multi-Stem
BENI			Betula nigra	River Birch	8' Ht. BB	Multi-stem
TADI			Taxodium distichum 'Mickelson'	Shawnee Brave Bald Cypress	3' Cal. BB	Specimen
DECIDUOUS SHRUBS						
COAC			Cotoneaster acutifolius	Peking Cotoneaster	24" BB	
HYLL			Hydrangea paniculata 'Jane'	Little Lime Hydrangea	24" Cont.	
PHOP			Physocarpus opulifolius 'Seward'	Summer Wine Ninebark	24" BB	
RFCW			Rosa var. 'Noaschnee'	White Flower Carpet Rose	5 Gal.	
SPFR			Spiraea x bumalda 'Froebelii'	Frobel Spirea	36" BB	
SYME			Syringa meyeri 'Palibin'	Dwarf Korean Lilac	24" BB	
WICA			Viburnum carlesii 'Compactum'	Dwarf Koreanspice Viburnum	24" BB	
VIDE			Viburnum dentatum 'Blue Muffin'	Blue Muffin Arrowwood Viburnum	24" BB	
VILE			Viburnum lentago	Nannyberry Viburnum	36" BB	
EVERGREEN SHRUBS						
TAME			Taxus media 'Runyan'	Runyan Intermediate Yew	24" BB	
MIDE			Microbiota decussata	Siberian Cypress	#5 Gal Cont.	
PERENNIALS and ORNAMENTAL GRASSES						
Perennial Mix A'						
ECP1			Echinacea 'Rivie Meadowbrite'	Meadowbrite Coneflower	1 Gal. Cont.	18" o.c.
RUFU			Rudbeckia hirta 'Goldstrum'	Black Eyed Susan	1 Gal. Cont.	18" o.c.
SPHT			Sporobolus heterolepis 'Tara'	Dwarf Prairie Dropseed	1 Gal. Cont.	18" o.c.
PEAL			Pennisetum alopecuroides	Fountain Grass	2 Gal. Cont.	18" o.c.
LISP			Liatris spicata 'Floristan White'	White Gayfeather	1 Gal. Cont.	18" o.c.
Perennial Mix B'						
HOHY			Hemerocallis 'Stella de Oro'	Stella De Oro Daylily	1 Gal. Cont.	18" o.c.
ALSB			Allium 'Summer Beauty'	Summer Beauty Allium	1 Gal. Cont.	18" o.c.
NEFA			Nepeta faassenii	Faassens Catmint	1 Gal. Cont.	18" o.c.
Perennials						
PAVI			Panicum virgatum 'Heavy Metal'	Heavy Metal Switch Grass	1 Gal. Cont.	18" o.c.
SPHT			Sporobolus heterolepis 'Tara'	Dwarf Prairie Dropseed	1 Gal. Cont.	18" o.c.
HEST			Hemerocallis 'Stella de Oro'	Stella De Oro Daylily	1 Gal. Cont.	18" o.c.
PEAL			Pennisetum alopecuroides	Fountain Grass	1 Gal. Cont.	18" o.c.
Bulbs						
HYAC			Hyacinthus 'White Mix'	Hyacinthus White	Top Size	10" o.c.
NARC			Narcissus Mix 'Yellow Cheerfulness'	Yellow Double Daffodil	Top Size	10" o.c.

Typical Planting Detail at Building Foundation



2 REAR YARD LANDSCAPE PLAN DETAIL



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847-615-0707			

PLANT LIST AND LANDSCAPE DETAILS

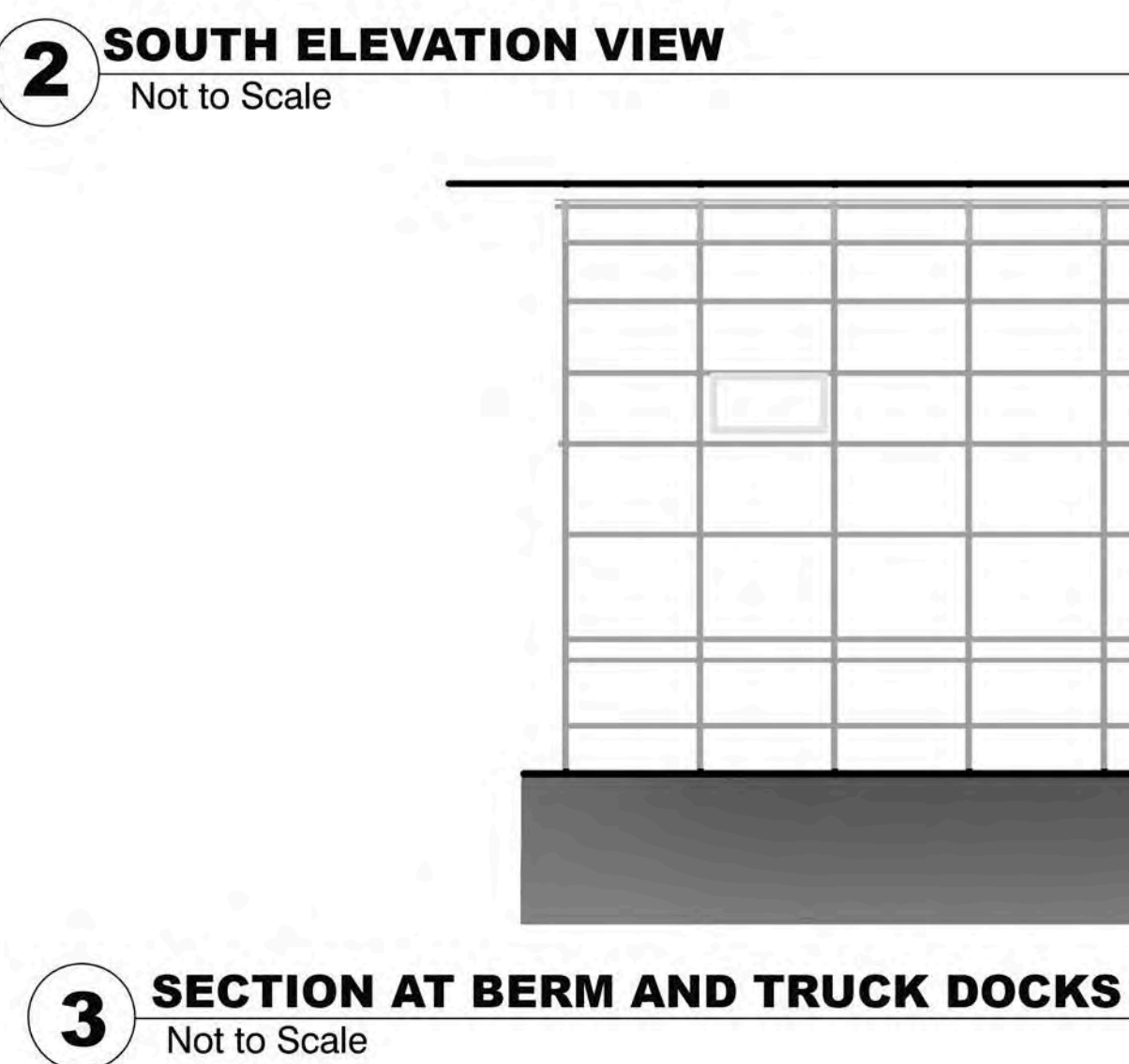
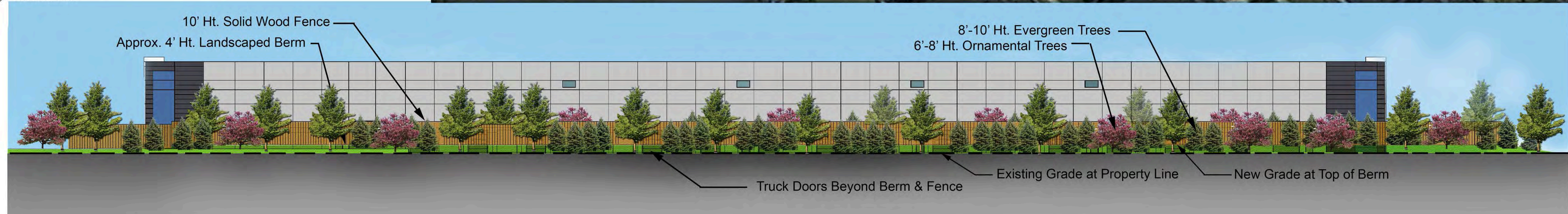
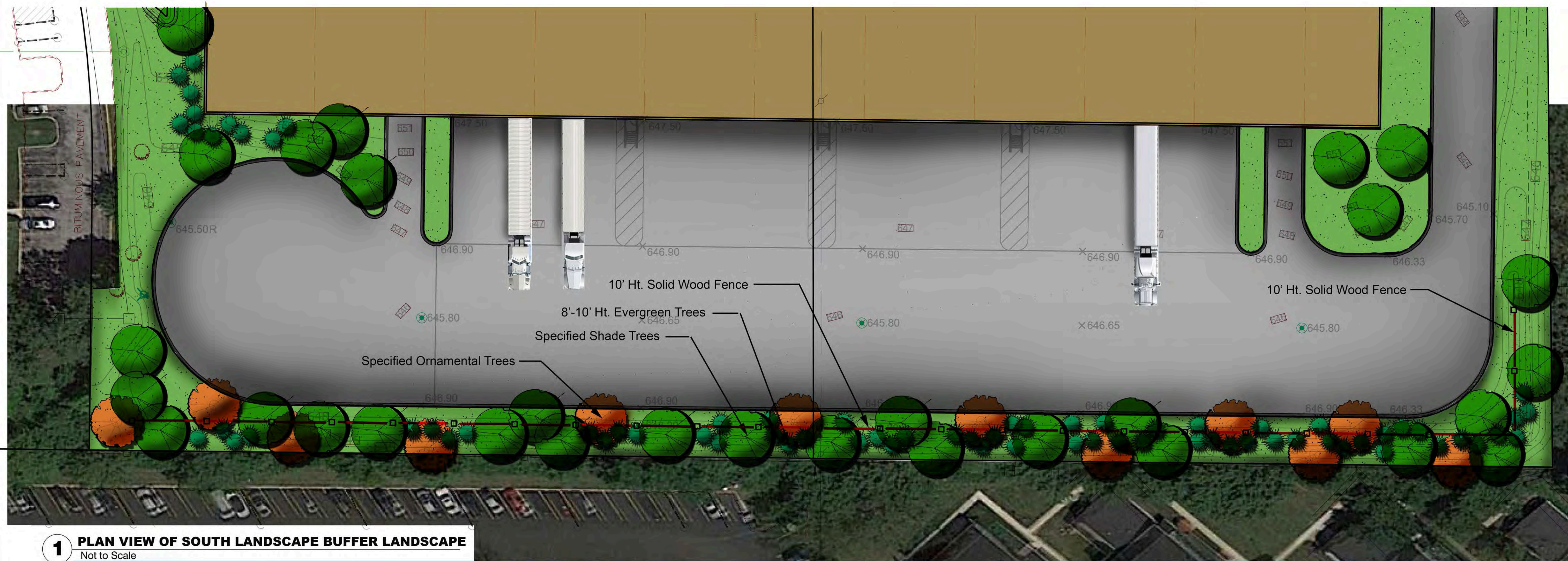
PIPER LANE INDUSTRIAL REDEVELOPMENT

150,000 SF BUILDING

PROSPECT HEIGHTS, ILLINOIS

PROJECT NUMBER		PROJECT NUMBER	
201804		201804	
SCALE		SCALE	
AS NOTED		AS NOTED	
DATE		DATE	
12-18-18		12-18-18	
PROJECT MANAGER		PROJECT MANAGER	
LD		LD	

LP-2



White Fir

Norway Spruce

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LIGHTING SUBMITTAL FOR:

PIPER LANE

MCSHANE



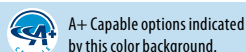
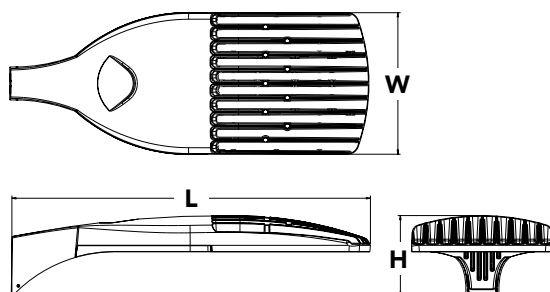
D-Series Size 1 LED Area Luminaire

d#series



Specifications

EPA:	1.01 ft ² (0.09 m ²)
Length:	33" (83.8 cm)
Width:	13" (33.0 cm)
Height:	7-1/2" (19.0 cm)
Weight (max):	27 lbs (12.2 kg)



Catalog Number	DSX1-LED-P9-50K-T4M-MVOLT-WBA-DDBX
Notes	
Type	S1

Hit the Tab key or mouse over the page to see all interactive elements.

Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and system-level interoperability.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is A+ Certified when ordered with DTL® controls marked by a **shaded background**. DTL DLL equipped luminaires meet the A+ specification for luminaire to photocontrol interoperability¹
- This luminaire is part of an A+ Certified solution for ROAM® or XPoint™ Wireless control networks, providing out-of-the-box control compatibility with simple commissioning, when ordered with drivers and control options marked by a **shaded background**¹

To learn more about A+, visit www.acuitybrands.com/aplus.

- See ordering tree for details.
- A+ Certified Solutions for ROAM require the order of one ROAM node per luminaire. Sold Separately: [Link to Roam](#); [Link to DTL DLL](#)

Ordering Information

EXAMPLE: DSX1 LED P7 40K T3M MVOLT SPA DDBXD

Series	LEDs	Color temperature	Distribution	Voltage	Mounting
DSX1 LED	Forward optics P1 P4 P7 P2 P5 P8 P3 P6 P9 Rotated optics P10 ¹ P12 ¹ P11 ¹ P13 ¹	30K 3000 K 40K 4000 K 50K 5000 K AMBPC Amber phosphor converted ²	T1S Type I short T2S Type II short T2M Type II medium T3S Type III short T3M Type III medium T4M Type IV medium TFTM Forward throw medium TSVS Type V very short T5S Type V short T5M Type V medium T5W Type V wide BLC Backlight control ^{2,3} LCCO Left corner cutoff ^{2,3} RCCO Right corner cutoff ^{2,3}	MVOLT ^{4,5} 120 ⁶ 208 ^{5,6} 240 ^{5,6} 277⁶ 347 ^{5,6,7} 480 ^{5,6,7}	Shipped included SPA Square pole mounting RPA Round pole mounting WBA Wall bracket SPUMBA Square pole universal mounting adaptor ⁸ RPUMBA Round pole universal mounting adaptor ⁸ Shipped separately KMA8 DDBXD U Mast arm mounting bracket adaptor (specify finish) ⁹

Control options	Other options	Finish (required)
Shipped installed NLTAIR2 nLight AIR generation 2 enabled ¹⁰ PER NEMA twist-lock receptacle only (controls ordered separate) ¹¹ PER5 Five-wire receptacle only (controls ordered separate) ^{11,12} PER7 Seven-wire receptacle only (controls ordered separate) ^{11,12} DMG 0-10V dimming extend out back of housing for external control (leads exit fixture) DS Dual switching ^{13,14} PIR Bi-level, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 5fc ^{5,15,16} PIRH Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 5fc ^{5,15,16} PIRHN Network, Bi-Level motion/ambient sensor ¹⁷ PIR1FC3V Bi-level, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 1fc ^{5,15,16}	PIRH1FC3V Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 1fc ^{5,15,16} BL30 Bi-level switched dimming, 30% ^{5,14,18} BL50 Bi-level switched dimming, 50% ^{5,14,18} PNMTDD3 Part night, dim till dawn ^{5,19} PNMT5D3 Part night, dim 5 hrs ^{5,19} PNMT6D3 Part night, dim 6 hrs ^{5,19} PNMT7D3 Part night, dim 7 hrs ^{5,19} FAO Field adjustable output ²⁰	Shipped installed HS House-side shield ²¹ SF Single fuse (120, 277, 347V) ⁶ DF Double fuse (208, 240, 480V) ⁶ L90 Left rotated optics ¹ R90 Right rotated optics ¹ Shipped separately BS Bird spikes ²² EGS External glare shield ²²
		DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white



Ordering Information

Accessories

Ordered and shipped separately.

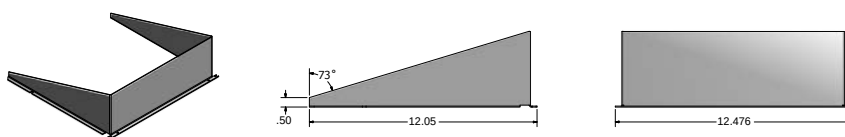
DLL127F 1.5 JU	Photocell - SSL twist-lock (120-277V) ²³
DLL347F 1.5 CUL JU	Photocell - SSL twist-lock (347V) ²³
DLL480F 1.5 CUL JU	Photocell - SSL twist-lock (480V) ²³
DSHORT SBK U	Shorting cap ²³
DSX1HS 30C U	House-side shield for 30 LED unit ²¹
DSX1HS 40C U	House-side shield for 40 LED unit ²¹
DSX1HS 60C U	House-side shield for 60 LED unit ²¹
PUMBA DDBXD U*	Square and round pole universal mounting bracket (specify finish) ²⁴
KMA8 DDBXD U	Mast arm mounting bracket adaptor (specify finish) ⁴

For more control options, visit [DTL](#) and [ROAM](#) online.

NOTES

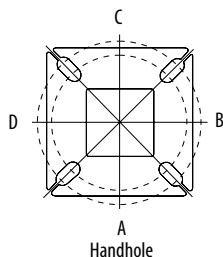
- 1 P10, P11, P12 or P13 and rotated optics (L90, R90) only available together.
- 2 AMBPC is not available with BLC, LCCO, RCCO or P4, P7, P8, P9 or P13.
- 3 Not available with HS.
- 4 MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
- 5 Any PIRx with BL30, BL50 or PNMT, is not available with 208V, 240V, 347V, 480V or MVOLT. It is only available in 120V or 277V specified.
- 6 Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
- 7 Not available in P1 or P10. Not available with BL30, BL50 or PNMT options.
- 8 Existing drilled pole only. Available as a separate combination accessory; for retrofit use only: PUMBA (finish) U; 1.5 G vibration load rating per ANCI C136.31.
- 9 Must order fixture with SPA option. Must be ordered as a separate accessory; see Accessories information. For use with 2-3/8" mast arm (not included).
- 10 Must be ordered with PIRHN.
- 11 Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Not available with DS option. Shorting cap included.
- 12 If ROAM[®] node required, it must be ordered and shipped as a separate line item from Acuity Brands Controls. Not available with DCR. Node with integral dimming. Shorting cap included.
- 13 Provides 50/50 fixture operation via (2) independent drivers. Not available with PER, PER5, PER7, PIR or PIRH. Not available P1, P2, P3, P4 or P5.
- 14 Requires (2) separately switched circuits.
- 15 Reference Motion Sensor table on page 3.
- 16 Reference PER table on page 3 to see functionality.
- 17 Must be ordered with NLTAIR2. For more information on nLight Air 2 visit [this link](#).
- 18 Not available with 347V, 480V, PNMT, DS. For PER5 or PER7, see PER Table on page 3. Requires isolated neutral.
- 19 Not available with 347V, 480V, DS, BL30, BL50. For PER5 or PER7, see PER Table on page 3. Separate Dusk to Dawn required.
- 20 Not available with other dimming controls options.
- 21 Not available with BLC, LCCO and RCCO distribution. Also available as a separate accessory; see Accessories information.
- 22 Must be ordered with fixture for factory pre-drilling.
- 23 Requires luminaire to be specified with PER, PER5 or PER7 option. See PER Table on page 3.
- 24 For retrofit use only.

External Glare Shield



Drilling

HANDHOLE ORIENTATION



Tenon Mounting Slipfitter**

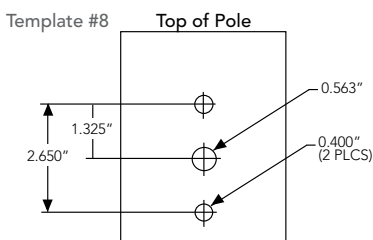
Tenon O.D.	Single Unit	2 at 180°	2 at 90°	3 at 120°	3 at 90°	4 at 90°
2-3/8"	AST20-190	AST20-280	AST20-290	AST20-320	AST20-390	AST20-490
2-7/8"	AST25-190	AST25-280	AST25-290	AST25-320	AST25-390	AST25-490
4"	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490

Pole drilling nomenclature: # of heads at degree from handhole (default side A)					
DM19AS	DM28AS	DM29AS	DM32AS	DM39AS	DM49AS
1 @ 90°	2 @ 280°	2 @ 90°	3 @ 120°	3 @ 90°	4 @ 90°
Side B	Side B & D	Side B & C	Round pole only	Side B, C, & D	Sides A, B, C, D

Note: Review luminaire spec sheet for specific nomenclature

Pole top or tenon O.D.	4.5" @ 90°	4" @ 90°	3.5" @ 90°	3" @ 90°	4.5" @ 120°	4" @ 120°	3.5" @ 120°	3" @ 120°
DSX SPA	Y	Y	Y	N	-	-	-	-
DSX RPA	Y	Y	N	N	Y	Y	Y	Y
DSX SPUMBA	Y	N	N	N	-	-	-	-
DSX RPUMBA	N	N	N	N	Y	Y	Y	N

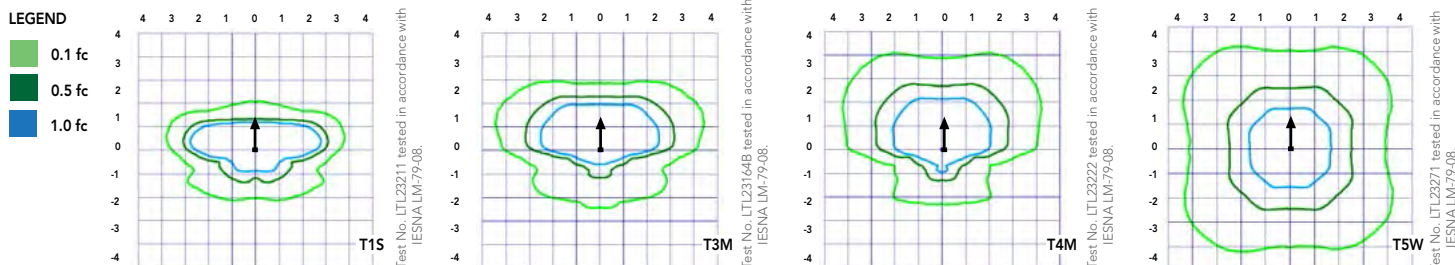
*3 fixtures @120 require round pole top/tenon.



Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [D-Series Area Size 1 homepage](#).

Isofootcandle plots for the DSX1 LED 60C 1000 40K. Distances are in units of mounting height (25').



Performance Data

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.04
5°C	41°F	1.04
10°C	50°F	1.03
15°C	59°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
35°C	95°F	0.98
40°C	104°F	0.97

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a **25°C ambient**, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25000	50000	100000
Lumen Maintenance Factor	1.00	0.96	0.92	0.85

Electrical Load

	Performance Package	LED Count	Drive Current	Wattage	Current (A)					
					120	208	240	277	347	480
Forward Optics (Non-Rotated)	P1	30	530	54	0.45	0.26	0.23	0.19	0.10	0.12
	P2	30	700	70	0.59	0.34	0.30	0.25	0.20	0.16
	P3	30	1050	102	0.86	0.50	0.44	0.38	0.30	0.22
	P4	30	1250	125	1.06	0.60	0.52	0.46	0.37	0.27
	P5	30	1400	138	1.16	0.67	0.58	0.51	0.40	0.29
	P6	40	1250	163	1.36	0.78	0.68	0.59	0.47	0.34
	P7	40	1400	183	1.53	0.88	0.76	0.66	0.53	0.38
	P8	60	1050	207	1.74	0.98	0.87	0.76	0.64	0.49
	P9	60	1250	241	2.01	1.16	1.01	0.89	0.70	0.51
Rotated Optics (Requires L90 or R90)	P10	60	530	106	0.90	0.52	0.47	0.43	0.33	0.27
	P11	60	700	137	1.15	0.67	0.60	0.53	0.42	0.32
	P12	60	1050	207	1.74	0.99	0.87	0.76	0.60	0.46
	P13	60	1250	231	1.93	1.12	0.97	0.86	0.67	0.49

Motion Sensor Default Settings

Option	Dimmed State	High Level (when triggered)	Photocell Operation	Dwell Time	Ramp-up Time	Ramp-down Time
PIR or PIRH	3V (37%) Output	10V (100%) Output	Enabled @ 5FC	5 min	3 sec	5 min
*PIR1FC3V or PIRH1FC3V	3V (37%) Output	10V (100%) Output	Enabled @ 1FC	5 min	3 sec	5 min

*for use with Inline Dusk to Dawn or timer.

PER Table

Control	PER (3 wire)	PER5 (5 wire)		PER7 (7 wire)		
			Wire 4/Wire5		Wire 4/Wire5	Wire 6/Wire7
Photocontrol Only (On/Off)	✓	⚠	Wired to dimming leads on driver	⚠	Wired to dimming leads on driver	Wires Capped inside fixture
ROAM	⊘	✓	Wired to dimming leads on driver	⚠	Wired to dimming leads on driver	Wires Capped inside fixture
ROAM with Motion (ROAM on/off only)	⊘	⚠	Wires Capped inside fixture	⚠	Wires Capped inside fixture	Wires Capped inside fixture
Future-proof*	⊘	⚠	Wired to dimming leads on driver	✓	Wired to dimming leads on driver	Wires Capped inside fixture
Future-proof* with Motion	⊘	⚠	Wires Capped inside fixture	✓	Wires Capped inside fixture	Wires Capped inside fixture

✓ Recommended

⊘ Will not work

⚠ Alternate

*Future-proof means: Ability to change controls in the future.



Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Forward Optics																								
LED Count	Drive Current	Power Package	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
30	530	P1	54W	T1S	6,457	2	0	2	120	6,956	2	0	2	129	7,044	2	0	2	130	3,640	1	0	1	70
				T2S	6,450	2	0	2	119	6,949	2	0	2	129	7,037	2	0	2	130	3,813	1	0	1	73
				T2M	6,483	1	0	1	120	6,984	2	0	2	129	7,073	2	0	2	131	3,689	1	0	1	71
				T3S	6,279	2	0	2	116	6,764	2	0	2	125	6,850	2	0	2	127	3,770	1	0	1	73
				T3M	6,468	1	0	2	120	6,967	1	0	2	129	7,056	1	0	2	131	3,752	1	0	1	72
				T4M	6,327	1	0	2	117	6,816	1	0	2	126	6,902	1	0	2	128	3,758	1	0	1	72
				TFTM	6,464	1	0	2	120	6,963	1	0	2	129	7,051	1	0	2	131	3,701	1	0	1	71
				T5VS	6,722	2	0	0	124	7,242	3	0	0	134	7,334	3	0	0	136	3,928	2	0	0	76
				T5S	6,728	2	0	1	125	7,248	2	0	1	134	7,340	2	0	1	136	3,881	2	0	0	75
				T5M	6,711	3	0	1	124	7,229	3	0	1	134	7,321	3	0	2	136	3,930	2	0	1	76
				T5W	6,667	3	0	2	123	7,182	3	0	2	133	7,273	3	0	2	135	3,820	3	0	1	73
				BLC	5,299	1	0	1	98	5,709	1	0	2	106	5,781	1	0	2	107					
				LCCO	3,943	1	0	2	73	4,248	1	0	2	79	4,302	1	0	2	80					
				RCCO	3,943	1	0	2	73	4,248	1	0	2	79	4,302	1	0	2	80					
30	700	P2	70W	T1S	8,249	2	0	2	118	8,886	2	0	2	127	8,999	2	0	2	129	4,561	1	0	1	67
				T2S	8,240	2	0	2	118	8,877	2	0	2	127	8,989	2	0	2	128	4,777	1	0	1	70
				T2M	8,283	2	0	2	118	8,923	2	0	2	127	9,036	2	0	2	129	4,622	1	0	2	68
				T3S	8,021	2	0	2	115	8,641	2	0	2	123	8,751	2	0	2	125	4,724	1	0	1	69
				T3M	8,263	2	0	2	118	8,901	2	0	2	127	9,014	2	0	2	129	4,701	1	0	2	69
				T4M	8,083	2	0	2	115	8,708	2	0	2	124	8,818	2	0	2	126	4,709	1	0	2	69
				TFTM	8,257	2	0	2	118	8,896	2	0	2	127	9,008	2	0	2	129	4,638	1	0	2	68
				T5VS	8,588	3	0	0	123	9,252	3	0	0	132	9,369	3	0	0	134	4,922	2	0	0	72
				T5S	8,595	3	0	1	123	9,259	3	0	1	132	9,376	3	0	1	134	4,863	2	0	0	72
				T5M	8,573	3	0	2	122	9,236	3	0	2	132	9,353	3	0	2	134	4,924	3	0	1	72
				T5W	8,517	3	0	2	122	9,175	4	0	2	131	9,291	4	0	2	133	4,787	3	0	1	70
				BLC	6,770	1	0	2	97	7,293	1	0	2	104	7,386	1	0	2	106					
				LCCO	5,038	1	0	2	72	5,427	1	0	2	78	5,496	1	0	2	79					
				RCCO	5,038	1	0	2	72	5,427	1	0	2	78	5,496	1	0	2	79					
30	1050	P3	102W	T1S	11,661	2	0	2	114	12,562	3	0	3	123	12,721	3	0	3	125					
				T2S	11,648	2	0	2	114	12,548	3	0	3	123	12,707	3	0	3	125					
				T2M	11,708	2	0	2	115	12,613	2	0	2	124	12,773	2	0	2	125					
				T3S	11,339	2	0	2	111	12,215	3	0	3	120	12,370	3	0	3	121					
				T3M	11,680	2	0	2	115	12,582	2	0	2	123	12,742	2	0	2	125					
				T4M	11,426	2	0	3	112	12,309	2	0	3	121	12,465	2	0	3	122					
				TFTM	11,673	2	0	2	114	12,575	2	0	3	123	12,734	2	0	3	125					
				T5VS	12,140	3	0	1	119	13,078	3	0	1	128	13,244	3	0	1	130					
				T5S	12,150	3	0	1	119	13,089	3	0	1	128	13,254	3	0	1	130					
				T5M	12,119	4	0	2	119	13,056	4	0	2	128	13,221	4	0	2	130					
				T5W	12,040	4	0	3	118	12,970	4	0	3	127	13,134	4	0	3	129					
				BLC	9,570	1	0	2	94	10,310	1	0	2	101	10,440	1	0	2	102					
				LCCO	7,121	1	0	3	70	7,671	1	0	3	75	7,768	1	0	3	76					
				RCCO	7,121	1	0	3	70	7,671	1	0	3	75	7,768	1	0	3	76					
30	1250	P4	125W	T1S	13,435	3	0	3	107	14,473	3	0	3	116	14,657	3	0	3	117					
				T2S	13,421	3	0	3	107	14,458	3	0	3	116	14,641	3	0	3	117					
				T2M	13,490	2	0	2	108	14,532	3	0	3	116	14,716	3	0	3	118					
				T3S	13,064	3	0	3	105	14,074	3	0	3	113	14,252	3	0	3	114					
				T3M	13,457	2	0	2	108	14,497	2	0	2	116	14,681	2	0	2	117					
				T4M	13,165	2	0	3	105	14,182	2	0	3	113	14,362	2	0	3	115					
				TFTM	13,449	2	0	3	108	14,488	2	0	3	116	14,672	2	0	3	117					
				T5VS	13,987	4	0	1	112	15,068	4	0	1	121	15,259	4	0	1	122					
				T5S	13,999	3	0	1	112	15,080	3	0	1	121	15,271	3	0	1	122					
				T5M	13,963	4	0	2	112	15,042	4	0	2	120	15,233	4	0	2	122					
				T5W	13,872	4	0	3	111	14,944	4	0	3	120	15,133	4	0	3	121					
				BLC	11,027	1	0	2	88	11,879	1	0	2	95	12,029	1	0	2	96					
				LCCO	8,205	1	0	3	66	8,839	1	0	3	71	8,951	1	0	3	72					
				RCCO	8,205	1	0	3	66	8,839	1	0	3	71	8,951	1	0	3	72					
30	1400	P5	138W	T1S	14,679	3	0	3	106	15,814	3	0	3	115	16,014	3	0	3	116					
				T2S	14,664	3	0	3	106	15,797	3	0	3	114	15,997	3	0	3	116					
				T2M	14,739	3	0	3	107	15,878	3	0	3	115	16,079	3	0	3	117					
				T3S	14,274	3	0	3	103	15,377	3	0	3	111	15,572	3	0	3	113					
				T3M	14,704	2	0	3	107	15,840	3	0	3	115	16,040	3	0	3	116					
				T4M	14,384	2	0	3	104	15,496	3	0	3	112	15,692	3	0	3	114					
				TFTM	14,695	2	0	3	106	15,830	3	0	3	115	16,030	3	0	3	116					
				T5VS	15,283	4	0	1	111	16,464	4	0	1	119	16,672	4	0	1	121					
				T5S	15,295	3	0	1	111	16,477	4	0	1	119	16,686	4	0	1	121					
				T5M	15,257	4	0	2	111	16,435	4	0	2	119	16,644	4	0	2	121					
				T5W	15,157	4	0	3	110	16,328	4	0	3	118	16,534	4	0	3	120					
				BLC	12,048	1	0	2	87	12,979	1	0	2	94	13,143	1	0	2	95					
				LCCO	8,965	1	0	3	65	9,657	1	0	3	70	9,780	1	0	3	71					
					8,965	1	0	3	65	9,657	1	0	3	70	9,780	1	0	3	71					

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Forward Optics																								
LED Count	Drive Current	Power Package	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lu-mens	B	U	G	LPW
40	1250	P6	163W	T1S	17,654	3	0	3	108	19,018	3	0	3	117	19,259	3	0	3	118					
				T2S	17,635	3	0	3	108	18,998	3	0	3	117	19,238	3	0	3	118					
				T2M	17,726	3	0	3	109	19,096	3	0	3	117	19,337	3	0	3	119					
				T3S	17,167	3	0	3	105	18,493	3	0	3	113	18,727	3	0	3	115					
				T3M	17,683	3	0	3	108	19,049	3	0	3	117	19,290	3	0	3	118					
				T4M	17,299	3	0	3	106	18,635	3	0	4	114	18,871	3	0	4	116					
				TFTM	17,672	3	0	3	108	19,038	3	0	4	117	19,279	3	0	4	118					
				TSVS	18,379	4	0	1	113	19,800	4	0	1	121	20,050	4	0	1	123					
				T5S	18,394	4	0	2	113	19,816	4	0	2	122	20,066	4	0	2	123					
				T5M	18,348	4	0	2	113	19,766	4	0	2	121	20,016	4	0	2	123					
				TSW	18,228	5	0	3	112	19,636	5	0	3	120	19,885	5	0	3	122					
				BLC	14,489	2	0	2	89	15,609	2	0	3	96	15,806	2	0	3	97					
				LCCO	10,781	1	0	3	66	11,614	1	0	3	71	11,761	2	0	3	72					
				RCCO	10,781	1	0	3	66	11,614	1	0	3	71	11,761	2	0	3	72					
40	1400	P7	183W	T1S	19,227	3	0	3	105	20,712	3	0	3	113	20,975	3	0	3	115					
				T2S	19,206	3	0	3	105	20,690	3	0	3	113	20,952	3	0	3	114					
				T2M	19,305	3	0	3	105	20,797	3	0	3	114	21,060	3	0	3	115					
				T3S	18,696	3	0	3	102	20,141	3	0	3	110	20,396	3	0	4	111					
				T3M	19,258	3	0	3	105	20,746	3	0	3	113	21,009	3	0	3	115					
				T4M	18,840	3	0	4	103	20,296	3	0	4	111	20,553	3	0	4	112					
				TFTM	19,246	3	0	4	105	20,734	3	0	4	113	20,996	3	0	4	115					
				TSVS	20,017	4	0	1	109	21,564	4	0	1	118	21,837	4	0	1	119					
				T5S	20,033	4	0	2	109	21,581	4	0	2	118	21,854	4	0	2	119					
				T5M	19,983	4	0	2	109	21,527	5	0	3	118	21,799	5	0	3	119					
				TSW	19,852	5	0	3	108	21,386	5	0	3	117	21,656	5	0	3	118					
				BLC	15,780	2	0	3	86	16,999	2	0	3	93	17,214	2	0	3	94					
				LCCO	11,742	2	0	3	64	12,649	2	0	3	69	12,809	2	0	3	70					
				RCCO	11,742	2	0	3	64	12,649	2	0	3	69	12,809	2	0	3	70					
60	1050	P8	207W	T1S	22,490	3	0	3	109	24,228	3	0	3	117	24,535	3	0	3	119					
				T2S	22,466	3	0	4	109	24,202	3	0	4	117	24,509	3	0	4	118					
				T2M	22,582	3	0	3	109	24,327	3	0	3	118	24,635	3	0	3	119					
				T3S	21,870	3	0	4	106	23,560	3	0	4	114	23,858	3	0	4	115					
				T3M	22,527	3	0	4	109	24,268	3	0	4	117	24,575	3	0	4	119					
				T4M	22,038	3	0	4	106	23,741	3	0	4	115	24,041	3	0	4	116					
				TFTM	22,513	3	0	4	109	24,253	3	0	4	117	24,560	3	0	4	119					
				TSVS	23,415	5	0	1	113	25,224	5	0	1	122	25,543	5	0	1	123					
				T5S	23,434	4	0	2	113	25,244	4	0	2	122	25,564	4	0	2	123					
				T5M	23,374	5	0	3	113	25,181	5	0	3	122	25,499	5	0	3	123					
				TSW	23,221	5	0	4	112	25,016	5	0	4	121	25,332	5	0	4	122					
				BLC	18,458	2	0	3	89	19,885	2	0	3	96	20,136	2	0	3	97					
				LCCO	13,735	2	0	3	66	14,796	2	0	4	71	14,983	2	0	4	72					
				RCCO	13,735	2	0	3	66	14,796	2	0	4	71	14,983	2	0	4	72					
60	1250	P9	241W	T1S	25,575	3	0	3	106	27,551	3	0	3	114	27,900	3	0	3	116					
				T2S	25,548	3	0	4	106	27,522	3	0	4	114	27,871	3	0	4	116					
				T2M	25,680	3	0	3	107	27,664	3	0	3	115	28,014	3	0	3	116					
				T3S	24,870	3	0	4	103	26,791	3	0	4	111	27,130	3	0	4	113					
				T3M	25,617	3	0	4	106	27,597	3	0	4	115	27,946	3	0	4	116					
				T4M	25,061	3	0	4	104	26,997	3	0	4	112	27,339	3	0	4	113					
				TFTM	25,602	3	0	4	106	27,580	3	0	4	114	27,929	3	0	4	116					
				TSVS	26,626	5	0	1	110	28,684	5	0	1	119	29,047	5	0	1	121					
				T5S	26,648	4	0	2	111	28,707	5	0	2	119	29,070	5	0	2	121					
				T5M	26,581	5	0	3	110	28,635	5	0	3	119	28,997	5	0	3	120					
				TSW	26,406	5	0	4	110	28,447	5	0	4	118	28,807	5	0	4	120					
				BLC	20,990	2	0	3	87	22,612	2	0	3	94	22,898	2	0	3	95					
				LCCO	15,619	2	0	4	65	16,825	2	0	4	70	17,038	2	0	4	71					
					15,619	2	0	4	65	16,825	2	0	4	70	17,038	2	0	4	71					

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Rotated Optics																								
LED Count	Drive Current	Power Package	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
60	530	P10	106W	T1S	13,042	3	0	3	123	14,050	3	0	3	133	14,228	3	0	3	134	7,167	2	0	2	72
				T2S	12,967	4	0	4	122	13,969	4	0	4	132	14,146	4	0	4	133	7,507	2	0	2	76
				T2M	13,201	3	0	3	125	14,221	3	0	3	134	14,401	3	0	3	136	7,263	2	0	2	73
				T3S	12,766	4	0	4	120	13,752	4	0	4	130	13,926	4	0	4	131	7,424	2	0	2	75
				T3M	13,193	4	0	4	124	14,213	4	0	4	134	14,393	4	0	4	136	7,387	2	0	2	75
				T4M	12,944	4	0	4	122	13,945	4	0	4	132	14,121	4	0	4	133	7,400	2	0	2	75
				TFTM	13,279	4	0	4	125	14,305	4	0	4	135	14,486	4	0	4	137	7,288	1	0	2	74
				T5VS	13,372	3	0	1	126	14,405	4	0	1	136	14,588	4	0	1	138	7,734	3	0	1	78
				T5S	13,260	3	0	1	125	14,284	3	0	1	135	14,465	3	0	1	136	7,641	3	0	0	77
				T5M	13,256	4	0	2	125	14,281	4	0	2	135	14,462	4	0	2	136	7,737	3	0	2	78
				T5W	13,137	4	0	3	124	14,153	4	0	3	134	14,332	4	0	3	135	7,522	3	0	2	76
				BLC	10,906	3	0	3	103	11,749	3	0	3	111	11,898	3	0	3	112					
				LCCO	7,789	1	0	3	73	8,391	1	0	3	79	8,497	1	0	3	80					
				RCCO	7,779	4	0	4	73	8,380	4	0	4	79	8,486	4	0	4	80					
60	700	P11	137W	T1S	16,556	3	0	3	121	17,835	3	0	3	130	18,061	4	0	4	132	8,952	2	0	2	68
				T2S	16,461	4	0	4	120	17,733	4	0	4	129	17,957	4	0	4	131	9,377	2	0	2	72
				T2M	16,758	4	0	4	122	18,053	4	0	4	132	18,281	4	0	4	133	9,072	2	0	2	69
				T3S	16,205	4	0	4	118	17,457	4	0	4	127	17,678	4	0	4	129	9,273	2	0	2	71
				T3M	16,748	4	0	4	122	18,042	4	0	4	132	18,271	4	0	4	133	9,227	2	0	2	70
				T4M	16,432	4	0	4	120	17,702	4	0	4	129	17,926	4	0	4	131	9,243	2	0	2	71
				TFTM	16,857	4	0	4	123	18,159	4	0	4	133	18,389	4	0	4	134	9,103	2	0	2	69
				T5VS	16,975	4	0	1	124	18,287	4	0	1	133	18,518	4	0	1	135	9,661	3	0	1	74
				T5S	16,832	4	0	1	123	18,133	4	0	2	132	18,362	4	0	2	134	9,544	3	0	1	73
				T5M	16,828	4	0	2	123	18,128	4	0	2	132	18,358	4	0	2	134	9,665	3	0	2	74
				T5W	16,677	4	0	3	122	17,966	5	0	3	131	18,193	5	0	3	133	9,395	4	0	2	72
				BLC	13,845	3	0	3	101	14,915	3	0	3	109	15,103	3	0	3	110					
				LCCO	9,888	1	0	3	72	10,652	2	0	3	78	10,787	2	0	3	79					
				RCCO	9,875	4	0	4	72	10,638	4	0	4	78	10,773	4	0	4	79					
60	1050	P12	207W	T1S	22,996	4	0	4	111	24,773	4	0	4	120	25,087	4	0	4	121					
				T2S	22,864	4	0	4	110	24,631	5	0	5	119	24,943	5	0	5	120					
				T2M	23,277	4	0	4	112	25,075	4	0	4	121	25,393	4	0	4	123					
				T3S	22,509	4	0	4	109	24,248	5	0	5	117	24,555	5	0	5	119					
				T3M	23,263	4	0	4	112	25,061	4	0	4	121	25,378	4	0	4	123					
				T4M	22,824	5	0	5	110	24,588	5	0	5	119	24,899	5	0	5	120					
				TFTM	23,414	5	0	5	113	25,223	5	0	5	122	25,543	5	0	5	123					
				T5VS	23,579	5	0	1	114	25,401	5	0	1	123	25,722	5	0	1	124					
				T5S	23,380	4	0	2	113	25,187	4	0	2	122	25,506	4	0	2	123					
				T5M	23,374	5	0	3	113	25,181	5	0	3	122	25,499	5	0	3	123					
				T5W	23,165	5	0	4	112	24,955	5	0	4	121	25,271	5	0	4	122					
				BLC	19,231	4	0	4	93	20,717	4	0	4	100	20,979	4	0	4	101					
				LCCO	13,734	2	0	3	66	14,796	2	0	4	71	14,983	2	0	4	72					
				RCCO	13,716	4	0	4	66	14,776	4	0	4	71	14,963	4	0	4	72					
60	1250	P13	231W	T1S	25,400	4	0	4	110	27,363	4	0	4	118	27,709	4	0	4	120					
				T2S	25,254	5	0	5	109	27,205	5	0	5	118	27,550	5	0	5	119					
				T2M	25,710	4	0	4	111	27,696	4	0	4	120	28,047	4	0	4	121					
				T3S	24,862	5	0	5	108	26,783	5	0	5	116	27,122	5	0	5	117					
				T3M	25,695	5	0	5	111	27,680	5	0	5	120	28,031	5	0	5	121					
				T4M	25,210	5	0	5	109	27,158	5	0	5	118	27,502	5	0	5	119					
				TFTM	25,861	5	0	5	112	27,860	5	0	5	121	28,212	5	0	5	122					
				T5VS	26,043	5	0	1	113	28,056	5	0	1	121	28,411	5	0	1	123					
				T5S	25,824	4	0	2	112	27,819	5	0	2	120	28,172	5	0	2	122					
				T5M	25,818	5	0	3	112	27,813	5	0	3	120	28,165	5	0	3	122					
				T5W	25,586	5	0	4	111	27,563	5	0	4	119	27,912	5	0	4	121					
				BLC	21,241	4	0	4	92	22,882	4	0	4	99	23,172	4	0	4	100					
				LCCO	15,170	2	0	4	66	16,342	2	0	4	71	16,549	2	0	4	72					
					15,150	5	0	5	66	16,321	5	0	5	71	16,527	5	0	5	72					

FEATURES & SPECIFICATIONS

INTENDED USE

The sleek design of the D-Series Size 1 reflects the embedded high performance LED technology. It is ideal for many commercial and municipal applications, such as parking lots, plazas, campuses, and streetscapes.

CONSTRUCTION

Single-piece die-cast aluminum housing has integral heat sink fins to optimize thermal management through conductive and convective cooling. Modular design allows for ease of maintenance and future light engine upgrades. The LED drivers are mounted in direct contact with the casting to promote low operating temperature and long life. Housing is completely sealed against moisture and environmental contaminants (IP65). Low EPA (1.01 ft²) for optimized pole wind loading.

FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Available in both textured and non-textured finishes.

OPTICS

Precision-molded proprietary acrylic lenses are engineered for superior area lighting distribution, uniformity, and pole spacing. Light engines are available in standard 3000 K, 4000 K and 5000 K (70 CRI) configurations. The D-Series Size 1 has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

ELECTRICAL

Light engine configurations consist of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L85/100,000 hours at 25°C). Class 1

electronic drivers are designed to have a power factor >90%, THD <20%, and an expected life of 100,000 hours with <1% failure rate. Easily serviceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

INSTALLATION

Included mounting block and integral arm facilitate quick and easy installation. Stainless steel bolts fasten the mounting block securely to poles and walls, enabling the D-Series Size 1 to withstand up to a 3.0 G vibration load rating per ANSI C136.31. The D-Series Size 1 utilizes the AERIS™ series pole drilling pattern (template #8). Optional terminal block and NEMA photocontrol receptacle are also available.

LISTINGS

UL Listed for wet locations. Light engines are IP66 rated; luminaire is IP65 rated. Rated for -40°C minimum ambient. U.S. Patent No. D672,492 S. International patent pending.

DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color temperature only.

WARRANTY

5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.





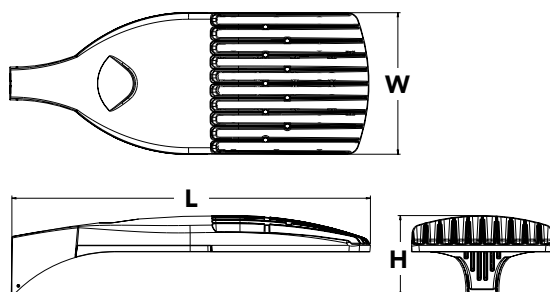
D-Series Size 1 LED Area Luminaire

d#series



Specifications

EPA:	1.01 ft ² (0.09 m ²)
Length:	33" (83.8 cm)
Width:	13" (33.0 cm)
Height:	7-1/2" (19.0 cm)
Weight (max):	27 lbs (12.2 kg)



A+ Capable options indicated by this color background.

Catalog Number	DSX1-LED-P4-50K-T3S-MVOLT-WBA-DDBXD
Notes	
Type	S2

Hit the Tab key or mouse over the page to see all interactive elements.

A+ Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and system-level interoperability.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is A+ Certified when ordered with DTL® controls marked by a **shaded background**. DTL DLL equipped luminaires meet the A+ specification for luminaire to photocontrol interoperability¹
- This luminaire is part of an A+ Certified solution for ROAM® or XPoint™ Wireless control networks, providing out-of-the-box control compatibility with simple commissioning, when ordered with drivers and control options marked by a **shaded background**¹

To learn more about A+, visit www.acuitybrands.com/aplus.

- See ordering tree for details.
- A+ Certified Solutions for ROAM require the order of one ROAM node per luminaire. Sold Separately: [Link to Roam](#); [Link to DTL DLL](#)

Ordering Information

EXAMPLE: DSX1 LED P7 40K T3M MVOLT SPA DDBXD

Series	LEDs	Color temperature	Distribution	Voltage	Mounting
DSX1 LED	Forward optics P1 P4 P7 P2 P5 P8 P3 P6 P9 Rotated optics P10 ¹ P12 ¹ P11 ¹ P13 ¹	30K 3000 K 40K 4000 K 50K 5000 K AMBPC Amber phosphor converted ²	T1S Type I short T2S Type II short T2M Type II medium T3S Type III short T3M Type III medium T4M Type IV medium TFTM Forward throw medium TSVS Type V very short T5S Type V short T5M Type V medium T5W Type V wide BLC Backlight control ^{2,3} LCCO Left corner cutoff ^{2,3} RCCO Right corner cutoff ^{2,3}	MVOLT ^{4,5} 120 ⁶ 208 ^{5,6} 240 ^{5,6} 277⁶ 347 ^{5,6,7} 480 ^{5,6,7}	Shipped included SPA Square pole mounting RPA Round pole mounting WBA Wall bracket SPUMBA Square pole universal mounting adaptor ⁸ RPUMBA Round pole universal mounting adaptor ⁸ Shipped separately KMA8 DDBXD U Mast arm mounting bracket adaptor (specify finish) ⁹

Control options	Other options	Finish (required)
Shipped installed NLTAIR2 nLight AIR generation 2 enabled ¹⁰ PER NEMA twist-lock receptacle only (controls ordered separate) ¹¹ PER5 Five-wire receptacle only (controls ordered separate) ^{11,12} PER7 Seven-wire receptacle only (controls ordered separate) ^{11,12} DMG 0-10V dimming extend out back of housing for external control (leads exit fixture) DS Dual switching ^{13,14} PIR Bi-level, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 5fc ^{5,15,16} PIRH Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 5fc ^{5,15,16} PIRHN Network, Bi-Level motion/ambient sensor ¹⁷ PIR1FC3V Bi-level, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 1fc ^{5,15,16}	PIRH1FC3V Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 1fc ^{5,15,16} BL30 Bi-level switched dimming, 30% ^{5,14,18} BL50 Bi-level switched dimming, 50% ^{5,14,18} PNMTDD3 Part night, dim till dawn ^{5,19} PNMT5D3 Part night, dim 5 hrs ^{5,19} PNMT6D3 Part night, dim 6 hrs ^{5,19} PNMT7D3 Part night, dim 7 hrs ^{5,19} FAO Field adjustable output ²⁰	Shipped installed HS House-side shield ²¹ SF Single fuse (120, 277, 347V) ⁶ DF Double fuse (208, 240, 480V) ⁶ L90 Left rotated optics ¹ R90 Right rotated optics ¹ Shipped separately BS Bird spikes ²² EGS External glare shield ²²
		DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white



Ordering Information

Accessories

Ordered and shipped separately.

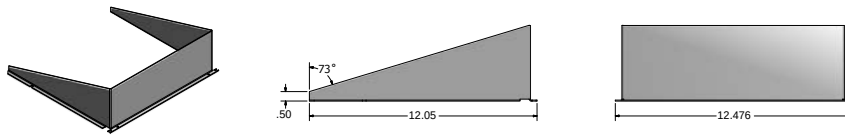
DLL127F 1.5 JU	Photocell - SSL twist-lock (120-277V) ²³
DLL347F 1.5 CUL JU	Photocell - SSL twist-lock (347V) ²³
DLL480F 1.5 CUL JU	Photocell - SSL twist-lock (480V) ²³
DSHORT SBK U	Shorting cap ²³
DSX1HS 30C U	House-side shield for 30 LED unit ²¹
DSX1HS 40C U	House-side shield for 40 LED unit ²¹
DSX1HS 60C U	House-side shield for 60 LED unit ²¹
PUMBA DDBXD U*	Square and round pole universal mounting bracket (specify finish) ²⁴
KMA8 DDBXD U	Mast arm mounting bracket adaptor (specify finish) ⁴

For more control options, visit [DTL](#) and [ROAM](#) online.

NOTES

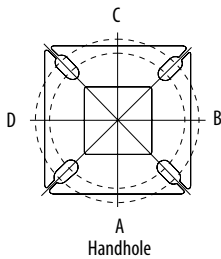
- 1 P10, P11, P12 or P13 and rotated optics (L90, R90) only available together.
- 2 AMBPC is not available with BLC, LCCO, RCCO or P4, P7, P8, P9 or P13.
- 3 Not available with HS.
- 4 MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
- 5 Any PIRx with BL30, BL50 or PNMT, is not available with 208V, 240V, 347V, 480V or MVOLT. It is only available in 120V or 277V specified.
- 6 Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
- 7 Not available in P1 or P10. Not available with BL30, BL50 or PNMT options.
- 8 Existing drilled pole only. Available as a separate combination accessory; for retrofit use only: PUMBA (finish) U; 1.5 G vibration load rating per ANCI C136.31.
- 9 Must order fixture with SPA option. Must be ordered as a separate accessory; see Accessories information. For use with 2-3/8" mast arm (not included).
- 10 Must be ordered with PIRHN.
- 11 Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Not available with DS option. Shorting cap included.
- 12 If ROAM[®] node required, it must be ordered and shipped as a separate line item from Acuity Brands Controls. Not available with DCR. Node with integral dimming. Shorting cap included.
- 13 Provides 50/50 fixture operation via (2) independent drivers. Not available with PER, PER5, PER7, PIR or PIRH. Not available P1, P2, P3, P4 or P5.
- 14 Requires (2) separately switched circuits.
- 15 Reference Motion Sensor table on page 3.
- 16 Reference PER table on page 3 to see functionality.
- 17 Must be ordered with NLTAIR2. For more information on nLight Air 2 visit [this link](#).
- 18 Not available with 347V, 480V, PNMT, DS. For PER5 or PER7, see PER Table on page 3. Requires isolated neutral.
- 19 Not available with 347V, 480V, DS, BL30, BL50. For PER5 or PER7, see PER Table on page 3. Separate Dusk to Dawn required.
- 20 Not available with other dimming controls options
- 21 Not available with BLC, LCCO and RCCO distribution. Also available as a separate accessory; see Accessories information.
- 22 Must be ordered with fixture for factory pre-drilling.
- 23 Requires luminaire to be specified with PER, PER5 or PER7 option. See PER Table on page 3.
- 24 For retrofit use only.

External Glare Shield



Drilling

HANDHOLE ORIENTATION



Tenon Mounting Slipfitter**

Tenon O.D.	Single Unit	2 at 180°	2 at 90°	3 at 120°	3 at 90°	4 at 90°
2-3/8"	AST20-190	AST20-280	AST20-290	AST20-320	AST20-390	AST20-490
2-7/8"	AST25-190	AST25-280	AST25-290	AST25-320	AST25-390	AST25-490
4"	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490

Pole drilling nomenclature: # of heads at degree from handhole (default side A)					
DM19AS	DM28AS	DM29AS	DM32AS	DM39AS	DM49AS
1 @ 90°	2 @ 280°	2 @ 90°	3 @ 120°	3 @ 90°	4 @ 90°
Side B	Side B & D	Side B & C	Round pole only	Side B, C, & D	Sides A, B, C, D

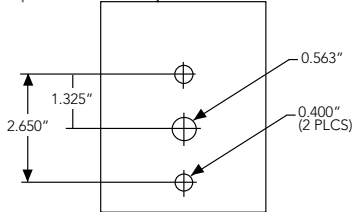
Note: Review luminaire spec sheet for specific nomenclature

Pole top or tenon O.D.	4.5" @ 90°	4" @ 90°	3.5" @ 90°	3" @ 90°	4.5" @ 120°	4" @ 120°	3.5" @ 120°	3" @ 120°
DSX SPA	Y	Y	Y	N	-	-	-	-
DSX RPA	Y	Y	N	N	Y	Y	Y	Y
DSX SPUMBA	Y	N	N	N	-	-	-	-
DSX RPUMBA	N	N	N	N	Y	Y	Y	N

*3 fixtures @120 require round pole top/tenon.

Template #8

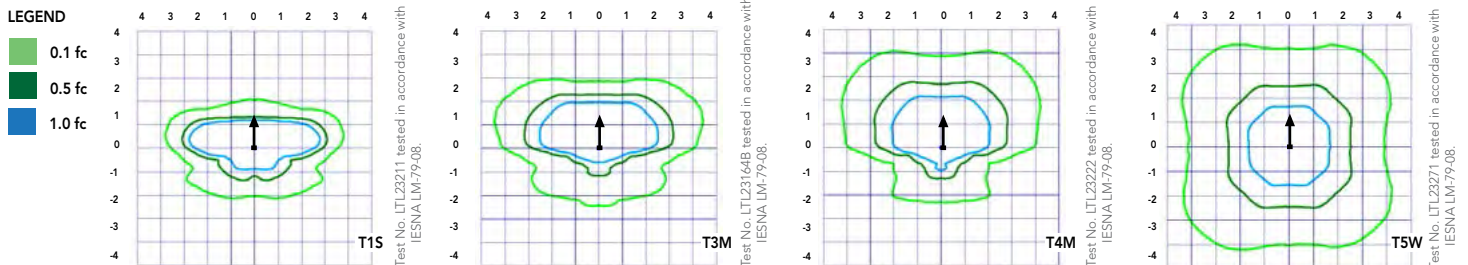
Top of Pole



Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [D-Series Area Size 1 homepage](#).

Isofootcandle plots for the DSX1 LED 60C 1000 40K. Distances are in units of mounting height (25').



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Performance Data

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.04
5°C	41°F	1.04
10°C	50°F	1.03
15°C	59°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
35°C	95°F	0.98
40°C	104°F	0.97

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a **25°C ambient**, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25000	50000	100000
Lumen Maintenance Factor	1.00	0.96	0.92	0.85

Electrical Load

	Performance Package	LED Count	Drive Current	Wattage	Current (A)					
					120	208	240	277	347	480
Forward Optics (Non-Rotated)	P1	30	530	54	0.45	0.26	0.23	0.19	0.10	0.12
	P2	30	700	70	0.59	0.34	0.30	0.25	0.20	0.16
	P3	30	1050	102	0.86	0.50	0.44	0.38	0.30	0.22
	P4	30	1250	125	1.06	0.60	0.52	0.46	0.37	0.27
	P5	30	1400	138	1.16	0.67	0.58	0.51	0.40	0.29
	P6	40	1250	163	1.36	0.78	0.68	0.59	0.47	0.34
	P7	40	1400	183	1.53	0.88	0.76	0.66	0.53	0.38
	P8	60	1050	207	1.74	0.98	0.87	0.76	0.64	0.49
	P9	60	1250	241	2.01	1.16	1.01	0.89	0.70	0.51
Rotated Optics (Requires L90 or R90)	P10	60	530	106	0.90	0.52	0.47	0.43	0.33	0.27
	P11	60	700	137	1.15	0.67	0.60	0.53	0.42	0.32
	P12	60	1050	207	1.74	0.99	0.87	0.76	0.60	0.46
	P13	60	1250	231	1.93	1.12	0.97	0.86	0.67	0.49

Motion Sensor Default Settings

Option	Dimmed State	High Level (when triggered)	Photocell Operation	Dwell Time	Ramp-up Time	Ramp-down Time
PIR or PIRH	3V (37%) Output	10V (100%) Output	Enabled @ 5FC	5 min	3 sec	5 min
*PIR1FC3V or PIRH1FC3V	3V (37%) Output	10V (100%) Output	Enabled @ 1FC	5 min	3 sec	5 min

*for use with Inline Dusk to Dawn or timer.

PER Table

Control	PER (3 wire)	PER5 (5 wire)		PER7 (7 wire)		
			Wire 4/Wire5		Wire 4/Wire5	Wire 6/Wire7
Photocontrol Only (On/Off)	✓	⚠	Wired to dimming leads on driver	⚠	Wired to dimming leads on driver	Wires Capped inside fixture
ROAM	⊘	✓	Wired to dimming leads on driver	⚠	Wired to dimming leads on driver	Wires Capped inside fixture
ROAM with Motion (ROAM on/off only)	⊘	⚠	Wires Capped inside fixture	⚠	Wires Capped inside fixture	Wires Capped inside fixture
Future-proof*	⊘	⚠	Wired to dimming leads on driver	✓	Wired to dimming leads on driver	Wires Capped inside fixture
Future-proof* with Motion	⊘	⚠	Wires Capped inside fixture	✓	Wires Capped inside fixture	Wires Capped inside fixture

✓ Recommended

⊘ Will not work

⚠ Alternate

*Future-proof means: Ability to change controls in the future.



Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Forward Optics																								
LED Count	Drive Current	Power Package	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
30	530	P1	54W	T1S	6,457	2	0	2	120	6,956	2	0	2	129	7,044	2	0	2	130	3,640	1	0	1	70
				T2S	6,450	2	0	2	119	6,949	2	0	2	129	7,037	2	0	2	130	3,813	1	0	1	73
				T2M	6,483	1	0	1	120	6,984	2	0	2	129	7,073	2	0	2	131	3,689	1	0	1	71
				T3S	6,279	2	0	2	116	6,764	2	0	2	125	6,850	2	0	2	127	3,770	1	0	1	73
				T3M	6,468	1	0	2	120	6,967	1	0	2	129	7,056	1	0	2	131	3,752	1	0	1	72
				T4M	6,327	1	0	2	117	6,816	1	0	2	126	6,902	1	0	2	128	3,758	1	0	1	72
				TFTM	6,464	1	0	2	120	6,963	1	0	2	129	7,051	1	0	2	131	3,701	1	0	1	71
				T5VS	6,722	2	0	0	124	7,242	3	0	0	134	7,334	3	0	0	136	3,928	2	0	0	76
				T5S	6,728	2	0	1	125	7,248	2	0	1	134	7,340	2	0	1	136	3,881	2	0	0	75
				T5M	6,711	3	0	1	124	7,229	3	0	1	134	7,321	3	0	2	136	3,930	2	0	1	76
				T5W	6,667	3	0	2	123	7,182	3	0	2	133	7,273	3	0	2	135	3,820	3	0	1	73
				BLC	5,299	1	0	1	98	5,709	1	0	2	106	5,781	1	0	2	107					
				LCCO	3,943	1	0	2	73	4,248	1	0	2	79	4,302	1	0	2	80					
				RCCO	3,943	1	0	2	73	4,248	1	0	2	79	4,302	1	0	2	80					
30	700	P2	70W	T1S	8,249	2	0	2	118	8,886	2	0	2	127	8,999	2	0	2	129	4,561	1	0	1	67
				T2S	8,240	2	0	2	118	8,877	2	0	2	127	8,989	2	0	2	128	4,777	1	0	1	70
				T2M	8,283	2	0	2	118	8,923	2	0	2	127	9,036	2	0	2	129	4,622	1	0	2	68
				T3S	8,021	2	0	2	115	8,641	2	0	2	123	8,751	2	0	2	125	4,724	1	0	1	69
				T3M	8,263	2	0	2	118	8,901	2	0	2	127	9,014	2	0	2	129	4,701	1	0	2	69
				T4M	8,083	2	0	2	115	8,708	2	0	2	124	8,818	2	0	2	126	4,709	1	0	2	69
				TFTM	8,257	2	0	2	118	8,896	2	0	2	127	9,008	2	0	2	129	4,638	1	0	2	68
				T5VS	8,588	3	0	0	123	9,252	3	0	0	132	9,369	3	0	0	134	4,922	2	0	0	72
				T5S	8,595	3	0	1	123	9,259	3	0	1	132	9,376	3	0	1	134	4,863	2	0	0	72
				T5M	8,573	3	0	2	122	9,236	3	0	2	132	9,353	3	0	2	134	4,924	3	0	1	72
				T5W	8,517	3	0	2	122	9,175	4	0	2	131	9,291	4	0	2	133	4,787	3	0	1	70
				BLC	6,770	1	0	2	97	7,293	1	0	2	104	7,386	1	0	2	106					
				LCCO	5,038	1	0	2	72	5,427	1	0	2	78	5,496	1	0	2	79					
				RCCO	5,038	1	0	2	72	5,427	1	0	2	78	5,496	1	0	2	79					
30	1050	P3	102W	T1S	11,661	2	0	2	114	12,562	3	0	3	123	12,721	3	0	3	125					
				T2S	11,648	2	0	2	114	12,548	3	0	3	123	12,707	3	0	3	125					
				T2M	11,708	2	0	2	115	12,613	2	0	2	124	12,773	2	0	2	125					
				T3S	11,339	2	0	2	111	12,215	3	0	3	120	12,370	3	0	3	121					
				T3M	11,680	2	0	2	115	12,582	2	0	2	123	12,742	2	0	2	125					
				T4M	11,426	2	0	3	112	12,309	2	0	3	121	12,465	2	0	3	122					
				TFTM	11,673	2	0	2	114	12,575	2	0	3	123	12,734	2	0	3	125					
				T5VS	12,140	3	0	1	119	13,078	3	0	1	128	13,244	3	0	1	130					
				T5S	12,150	3	0	1	119	13,089	3	0	1	128	13,254	3	0	1	130					
				T5M	12,119	4	0	2	119	13,056	4	0	2	128	13,221	4	0	2	130					
				T5W	12,040	4	0	3	118	12,970	4	0	3	127	13,134	4	0	3	129					
				BLC	9,570	1	0	2	94	10,310	1	0	2	101	10,440	1	0	2	102					
				LCCO	7,121	1	0	3	70	7,671	1	0	3	75	7,768	1	0	3	76					
				RCCO	7,121	1	0	3	70	7,671	1	0	3	75	7,768	1	0	3	76					
30	1250	P4	125W	T1S	13,435	3	0	3	107	14,473	3	0	3	116	14,657	3	0	3	117					
				T2S	13,421	3	0	3	107	14,458	3	0	3	116	14,641	3	0	3	117					
				T2M	13,490	2	0	2	108	14,532	3	0	3	116	14,716	3	0	3	118					
				T3S	13,064	3	0	3	105	14,074	3	0	3	113	14,252	3	0	3	114					
				T3M	13,457	2	0	2	108	14,497	2	0	2	116	14,681	2	0	2	117					
				T4M	13,165	2	0	3	105	14,182	2	0	3	113	14,362	2	0	3	115					
				TFTM	13,449	2	0	3	108	14,488	2	0	3	116	14,672	2	0	3	117					
				T5VS	13,987	4	0	1	112	15,068	4	0	1	121	15,259	4	0	1	122					
				T5S	13,999	3	0	1	112	15,080	3	0	1	121	15,271	3	0	1	122					
				T5M	13,963	4	0	2	112	15,042	4	0	2	120	15,233	4	0	2	122					
				T5W	13,872	4	0	3	111	14,944	4	0	3	120	15,133	4	0	3	121					
				BLC	11,027	1	0	2	88	11,879	1	0	2	95	12,029	1	0	2	96					
				LCCO	8,205	1	0	3	66	8,839	1	0	3	71	8,951	1	0	3	72					
				RCCO	8,205	1	0	3	66	8,839	1	0	3	71	8,951	1	0	3	72					
30	1400	P5	138W	T1S	14,679	3	0	3	106	15,814	3	0	3	115	16,014	3	0	3	116					
				T2S	14,664	3	0	3	106	15,797	3	0	3	114	15,997	3	0	3	116					
				T2M	14,739	3	0	3	107	15,878	3	0	3	115	16,079	3	0	3	117					
				T3S	14,274	3	0	3	103	15,377	3	0	3	111	15,572	3	0	3	113					
				T3M	14,704	2	0	3	107	15,840	3	0	3	115	16,040	3	0	3	116					
				T4M	14,384	2	0	3	104	15,496	3	0	3	112	15,692	3	0	3	114					
				TFTM	14,695	2	0	3	106	15,830	3	0	3	115	16,030	3	0	3	116					
				T5VS	15,283	4	0	1	111	16,464	4	0	1	119	16,672	4	0	1	121					
				T5S	15,295	3	0	1	111	16,477	4	0	1	119	16,686	4	0	1	121					
				T5M	15,257	4	0	2	111	16,435	4	0	2	119	16,644	4	0	2	121					
				T5W	15,157	4	0	3	110	16,328	4	0	3	118	16,534	4	0	3	120					
				BLC	12,048	1	0	2	87	12,979	1	0	2	94	13,143	1	0	2	95					
				LCCO	8,965	1	0	3	65	9,657	1	0	3	70	9,780	1	0	3	71					
					8,965	1	0	3	65	9,657	1	0	3	70	9,780	1	0	3	71					

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Forward Optics																								
LED Count	Drive Current	Power Package	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lu-mens	B	U	G	LPW
40	1250	P6	163W	T1S	17,654	3	0	3	108	19,018	3	0	3	117	19,259	3	0	3	118					
				T2S	17,635	3	0	3	108	18,998	3	0	3	117	19,238	3	0	3	118					
				T2M	17,726	3	0	3	109	19,096	3	0	3	117	19,337	3	0	3	119					
				T3S	17,167	3	0	3	105	18,493	3	0	3	113	18,727	3	0	3	115					
				T3M	17,683	3	0	3	108	19,049	3	0	3	117	19,290	3	0	3	118					
				T4M	17,299	3	0	3	106	18,635	3	0	4	114	18,871	3	0	4	116					
				TFTM	17,672	3	0	3	108	19,038	3	0	4	117	19,279	3	0	4	118					
				TSVS	18,379	4	0	1	113	19,800	4	0	1	121	20,050	4	0	1	123					
				TSS	18,394	4	0	2	113	19,816	4	0	2	122	20,066	4	0	2	123					
				T5M	18,348	4	0	2	113	19,766	4	0	2	121	20,016	4	0	2	123					
				TSW	18,228	5	0	3	112	19,636	5	0	3	120	19,885	5	0	3	122					
				BLC	14,489	2	0	2	89	15,609	2	0	3	96	15,806	2	0	3	97					
				LCCO	10,781	1	0	3	66	11,614	1	0	3	71	11,761	2	0	3	72					
				RCCO	10,781	1	0	3	66	11,614	1	0	3	71	11,761	2	0	3	72					
40	1400	P7	183W	T1S	19,227	3	0	3	105	20,712	3	0	3	113	20,975	3	0	3	115					
				T2S	19,206	3	0	3	105	20,690	3	0	3	113	20,952	3	0	3	114					
				T2M	19,305	3	0	3	105	20,797	3	0	3	114	21,060	3	0	3	115					
				T3S	18,696	3	0	3	102	20,141	3	0	3	110	20,396	3	0	4	111					
				T3M	19,258	3	0	3	105	20,746	3	0	3	113	21,009	3	0	3	115					
				T4M	18,840	3	0	4	103	20,296	3	0	4	111	20,553	3	0	4	112					
				TFTM	19,246	3	0	4	105	20,734	3	0	4	113	20,996	3	0	4	115					
				TSVS	20,017	4	0	1	109	21,564	4	0	1	118	21,837	4	0	1	119					
				TSS	20,033	4	0	2	109	21,581	4	0	2	118	21,854	4	0	2	119					
				T5M	19,983	4	0	2	109	21,527	5	0	3	118	21,799	5	0	3	119					
				TSW	19,852	5	0	3	108	21,386	5	0	3	117	21,656	5	0	3	118					
				BLC	15,780	2	0	3	86	16,999	2	0	3	93	17,214	2	0	3	94					
				LCCO	11,742	2	0	3	64	12,649	2	0	3	69	12,809	2	0	3	70					
				RCCO	11,742	2	0	3	64	12,649	2	0	3	69	12,809	2	0	3	70					
60	1050	P8	207W	T1S	22,490	3	0	3	109	24,228	3	0	3	117	24,535	3	0	3	119					
				T2S	22,466	3	0	4	109	24,202	3	0	4	117	24,509	3	0	4	118					
				T2M	22,582	3	0	3	109	24,327	3	0	3	118	24,635	3	0	3	119					
				T3S	21,870	3	0	4	106	23,560	3	0	4	114	23,858	3	0	4	115					
				T3M	22,527	3	0	4	109	24,268	3	0	4	117	24,575	3	0	4	119					
				T4M	22,038	3	0	4	106	23,741	3	0	4	115	24,041	3	0	4	116					
				TFTM	22,513	3	0	4	109	24,253	3	0	4	117	24,560	3	0	4	119					
				TSVS	23,415	5	0	1	113	25,224	5	0	1	122	25,543	5	0	1	123					
				TSS	23,434	4	0	2	113	25,244	4	0	2	122	25,564	4	0	2	123					
				T5M	23,374	5	0	3	113	25,181	5	0	3	122	25,499	5	0	3	123					
				TSW	23,221	5	0	4	112	25,016	5	0	4	121	25,332	5	0	4	122					
				BLC	18,458	2	0	3	89	19,885	2	0	3	96	20,136	2	0	3	97					
				LCCO	13,735	2	0	3	66	14,796	2	0	4	71	14,983	2	0	4	72					
				RCCO	13,735	2	0	3	66	14,796	2	0	4	71	14,983	2	0	4	72					
60	1250	P9	241W	T1S	25,575	3	0	3	106	27,551	3	0	3	114	27,900	3	0	3	116					
				T2S	25,548	3	0	4	106	27,522	3	0	4	114	27,871	3	0	4	116					
				T2M	25,680	3	0	3	107	27,664	3	0	3	115	28,014	3	0	3	116					
				T3S	24,870	3	0	4	103	26,791	3	0	4	111	27,130	3	0	4	113					
				T3M	25,617	3	0	4	106	27,597	3	0	4	115	27,946	3	0	4	116					
				T4M	25,061	3	0	4	104	26,997	3	0	4	112	27,339	3	0	4	113					
				TFTM	25,602	3	0	4	106	27,580	3	0	4	114	27,929	3	0	4	116					
				TSVS	26,626	5	0	1	110	28,684	5	0	1	119	29,047	5	0	1	121					
				TSS	26,648	4	0	2	111	28,707	5	0	2	119	29,070	5	0	2	121					
				T5M	26,581	5	0	3	110	28,635	5	0	3	119	28,997	5	0	3	120					
				TSW	26,406	5	0	4	110	28,447	5	0	4	118	28,807	5	0	4	120					
				BLC	20,990	2	0	3	87	22,612	2	0	3	94	22,898	2	0	3	95					
				LCCO	15,619	2	0	4	65	16,825	2	0	4	70	17,038	2	0	4	71					
					15,619	2	0	4	65	16,825	2	0	4	70	17,038	2	0	4	71					

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Rotated Optics																								
LED Count	Drive Current	Power Package	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
60	530	P10	106W	T1S	13,042	3	0	3	123	14,050	3	0	3	133	14,228	3	0	3	134	7,167	2	0	2	72
				T2S	12,967	4	0	4	122	13,969	4	0	4	132	14,146	4	0	4	133	7,507	2	0	2	76
				T2M	13,201	3	0	3	125	14,221	3	0	3	134	14,401	3	0	3	136	7,263	2	0	2	73
				T3S	12,766	4	0	4	120	13,752	4	0	4	130	13,926	4	0	4	131	7,424	2	0	2	75
				T3M	13,193	4	0	4	124	14,213	4	0	4	134	14,393	4	0	4	136	7,387	2	0	2	75
				T4M	12,944	4	0	4	122	13,945	4	0	4	132	14,121	4	0	4	133	7,400	2	0	2	75
				TFTM	13,279	4	0	4	125	14,305	4	0	4	135	14,486	4	0	4	137	7,288	1	0	2	74
				T5VS	13,372	3	0	1	126	14,405	4	0	1	136	14,588	4	0	1	138	7,734	3	0	1	78
				T5S	13,260	3	0	1	125	14,284	3	0	1	135	14,465	3	0	1	136	7,641	3	0	0	77
				T5M	13,256	4	0	2	125	14,281	4	0	2	135	14,462	4	0	2	136	7,737	3	0	2	78
				T5W	13,137	4	0	3	124	14,153	4	0	3	134	14,332	4	0	3	135	7,522	3	0	2	76
				BLC	10,906	3	0	3	103	11,749	3	0	3	111	11,898	3	0	3	112					
				LCCO	7,789	1	0	3	73	8,391	1	0	3	79	8,497	1	0	3	80					
				RCCO	7,779	4	0	4	73	8,380	4	0	4	79	8,486	4	0	4	80					
60	700	P11	137W	T1S	16,556	3	0	3	121	17,835	3	0	3	130	18,061	4	0	4	132	8,952	2	0	2	68
				T2S	16,461	4	0	4	120	17,733	4	0	4	129	17,957	4	0	4	131	9,377	2	0	2	72
				T2M	16,758	4	0	4	122	18,053	4	0	4	132	18,281	4	0	4	133	9,072	2	0	2	69
				T3S	16,205	4	0	4	118	17,457	4	0	4	127	17,678	4	0	4	129	9,273	2	0	2	71
				T3M	16,748	4	0	4	122	18,042	4	0	4	132	18,271	4	0	4	133	9,227	2	0	2	70
				T4M	16,432	4	0	4	120	17,702	4	0	4	129	17,926	4	0	4	131	9,243	2	0	2	71
				TFTM	16,857	4	0	4	123	18,159	4	0	4	133	18,389	4	0	4	134	9,103	2	0	2	69
				T5VS	16,975	4	0	1	124	18,287	4	0	1	133	18,518	4	0	1	135	9,661	3	0	1	74
				T5S	16,832	4	0	1	123	18,133	4	0	2	132	18,362	4	0	2	134	9,544	3	0	1	73
				T5M	16,828	4	0	2	123	18,128	4	0	2	132	18,358	4	0	2	134	9,665	3	0	2	74
				T5W	16,677	4	0	3	122	17,966	5	0	3	131	18,193	5	0	3	133	9,395	4	0	2	72
				BLC	13,845	3	0	3	101	14,915	3	0	3	109	15,103	3	0	3	110					
				LCCO	9,888	1	0	3	72	10,652	2	0	3	78	10,787	2	0	3	79					
				RCCO	9,875	4	0	4	72	10,638	4	0	4	78	10,773	4	0	4	79					
60	1050	P12	207W	T1S	22,996	4	0	4	111	24,773	4	0	4	120	25,087	4	0	4	121					
				T2S	22,864	4	0	4	110	24,631	5	0	5	119	24,943	5	0	5	120					
				T2M	23,277	4	0	4	112	25,075	4	0	4	121	25,393	4	0	4	123					
				T3S	22,509	4	0	4	109	24,248	5	0	5	117	24,555	5	0	5	119					
				T3M	23,263	4	0	4	112	25,061	4	0	4	121	25,378	4	0	4	123					
				T4M	22,824	5	0	5	110	24,588	5	0	5	119	24,899	5	0	5	120					
				TFTM	23,414	5	0	5	113	25,223	5	0	5	122	25,543	5	0	5	123					
				T5VS	23,579	5	0	1	114	25,401	5	0	1	123	25,722	5	0	1	124					
				T5S	23,380	4	0	2	113	25,187	4	0	2	122	25,506	4	0	2	123					
				T5M	23,374	5	0	3	113	25,181	5	0	3	122	25,499	5	0	3	123					
				T5W	23,165	5	0	4	112	24,955	5	0	4	121	25,271	5	0	4	122					
				BLC	19,231	4	0	4	93	20,717	4	0	4	100	20,979	4	0	4	101					
				LCCO	13,734	2	0	3	66	14,796	2	0	4	71	14,983	2	0	4	72					
				RCCO	13,716	4	0	4	66	14,776	4	0	4	71	14,963	4	0	4	72					
60	1250	P13	231W	T1S	25,400	4	0	4	110	27,363	4	0	4	118	27,709	4	0	4	120					
				T2S	25,254	5	0	5	109	27,205	5	0	5	118	27,550	5	0	5	119					
				T2M	25,710	4	0	4	111	27,696	4	0	4	120	28,047	4	0	4	121					
				T3S	24,862	5	0	5	108	26,783	5	0	5	116	27,122	5	0	5	117					
				T3M	25,695	5	0	5	111	27,680	5	0	5	120	28,031	5	0	5	121					
				T4M	25,210	5	0	5	109	27,158	5	0	5	118	27,502	5	0	5	119					
				TFTM	25,861	5	0	5	112	27,860	5	0	5	121	28,212	5	0	5	122					
				T5VS	26,043	5	0	1	113	28,056	5	0	1	121	28,411	5	0	1	123					
				T5S	25,824	4	0	2	112	27,819	5	0	2	120	28,172	5	0	2	122					
				T5M	25,818	5	0	3	112	27,813	5	0	3	120	28,165	5	0	3	122					
				T5W	25,586	5	0	4	111	27,563	5	0	4	119	27,912	5	0	4	121					
				BLC	21,241	4	0	4	92	22,882	4	0	4	99	23,172	4	0	4	100					
				LCCO	15,170	2	0	4	66	16,342	2	0	4	71	16,549	2	0	4	72					
					15,150	5	0	5	66	16,321	5	0	5	71	16,527	5	0	5	72					

FEATURES & SPECIFICATIONS

INTENDED USE

The sleek design of the D-Series Size 1 reflects the embedded high performance LED technology. It is ideal for many commercial and municipal applications, such as parking lots, plazas, campuses, and streetscapes.

CONSTRUCTION

Single-piece die-cast aluminum housing has integral heat sink fins to optimize thermal management through conductive and convective cooling. Modular design allows for ease of maintenance and future light engine upgrades. The LED drivers are mounted in direct contact with the casting to promote low operating temperature and long life. Housing is completely sealed against moisture and environmental contaminants (IP65). Low EPA (1.01 ft²) for optimized pole wind loading.

FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Available in both textured and non-textured finishes.

OPTICS

Precision-molded proprietary acrylic lenses are engineered for superior area lighting distribution, uniformity, and pole spacing. Light engines are available in standard 3000 K, 4000 K and 5000 K (70 CRI) configurations. The D-Series Size 1 has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

ELECTRICAL

Light engine configurations consist of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L85/100,000 hours at 25°C). Class 1

electronic drivers are designed to have a power factor >90%, THD <20%, and an expected life of 100,000 hours with <1% failure rate. Easily serviceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

INSTALLATION

Included mounting block and integral arm facilitate quick and easy installation. Stainless steel bolts fasten the mounting block securely to poles and walls, enabling the D-Series Size 1 to withstand up to a 3.0 G vibration load rating per ANSI C136.31. The D-Series Size 1 utilizes the AERIS™ series pole drilling pattern (template #8). Optional terminal block and NEMA photocontrol receptacle are also available.

LISTINGS

UL Listed for wet locations. Light engines are IP66 rated; luminaire is IP65 rated. Rated for -40°C minimum ambient. U.S. Patent No. D672,492 S. International patent pending.

DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color temperature only.

WARRANTY

5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.





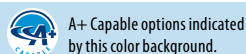
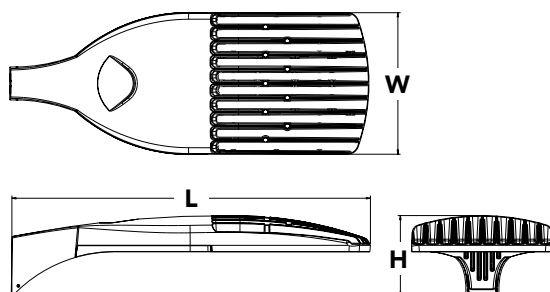
D-Series Size 1 LED Area Luminaire

d#series



Specifications

EPA:	1.01 ft ² (0.09 m ²)
Length:	33" (83.8 cm)
Width:	13" (33.0 cm)
Height:	7-1/2" (19.0 cm)
Weight (max):	27 lbs (12.2 kg)



Ordering Information

EXAMPLE: DSX1 LED P7 40K T3M MVOLT SPA DDBXD

Series	LEDs	Color temperature	Distribution	Voltage	Mounting
DSX1 LED	Forward optics P1 P4 P7 P2 P5 P8 P3 P6 P9 Rotated optics P10 ¹ P12 ¹ P11 ¹ P13 ¹	30K 3000 K 40K 4000 K 50K 5000 K AMBPC Amber phosphor converted ²	T1S Type I short T2S Type II short T2M Type II medium T3S Type III short T3M Type III medium T4M Type IV medium TFTM Forward throw medium TSVS Type V very short T5S Type V short T5M Type V medium T5W Type V wide BLC Backlight control ^{2,3} LCCO Left corner cutoff ^{2,3} RCCO Right corner cutoff ^{2,3}	MVOLT ^{4,5} 120 ⁶ 208 ^{5,6} 240 ^{5,6} 277⁶ 347 ^{5,6,7} 480 ^{5,6,7}	Shipped included SPA Square pole mounting RPA Round pole mounting WBA Wall bracket SPUMBA Square pole universal mounting adaptor ⁸ RPUMBA Round pole universal mounting adaptor ⁸ Shipped separately KMA8 DDBXD U Mast arm mounting bracket adaptor (specify finish) ⁹

Control options	Other options	Finish (required)
Shipped installed NLTAIR2 nLight AIR generation 2 enabled ¹⁰ PER NEMA twist-lock receptacle only (controls ordered separate) ¹¹ PER5 Five-wire receptacle only (controls ordered separate) ^{11,12} PER7 Seven-wire receptacle only (controls ordered separate) ^{11,12} DMG 0-10V dimming extend out back of housing for external control (leads exit fixture) DS Dual switching ^{13,14} PIR Bi-level, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 5fc ^{5,15,16} PIRH Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 5fc ^{5,15,16} PIRHN Network, Bi-Level motion/ambient sensor ¹⁷ PIR1FC3V Bi-level, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 1fc ^{5,15,16}	PIRH1FC3V Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 1fc ^{5,15,16} BL30 Bi-level switched dimming, 30% ^{5,14,18} BL50 Bi-level switched dimming, 50% ^{5,14,18} PNMTDD3 Part night, dim till dawn ^{5,19} PNMTSD3 Part night, dim 5 hrs ^{5,19} PNMTD63 Part night, dim 6 hrs ^{5,19} PNMTD73 Part night, dim 7 hrs ^{5,19} FAO Field adjustable output ²⁰	Shipped installed HS House-side shield ²¹ SF Single fuse (120, 277, 347V) ⁶ DF Double fuse (208, 240, 480V) ⁶ L90 Left rotated optics ¹ R90 Right rotated optics ¹ Shipped separately BS Bird spikes ²² EGS External glare shield ²²
		DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white



Catalog Number	DSX1-LED-P9-50K-T3M-MVOLT-SPA-DDBXD
Notes	
Type	S3

Hit the Tab key or mouse over the page to see all interactive elements.

Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and system-level interoperability.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is A+ Certified when ordered with DTL® controls marked by a **shaded background**. DTL DLL equipped luminaires meet the A+ specification for luminaire to photocontrol interoperability¹
- This luminaire is part of an A+ Certified solution for ROAM® or XPoint™ Wireless control networks, providing out-of-the-box control compatibility with simple commissioning, when ordered with drivers and control options marked by a **shaded background**¹

To learn more about A+, visit www.acuitybrands.com/aplus.

- See ordering tree for details.
- A+ Certified Solutions for ROAM require the order of one ROAM node per luminaire. Sold Separately: [Link to Roam](#); [Link to DTL DLL](#)

Ordering Information

Accessories

Ordered and shipped separately.

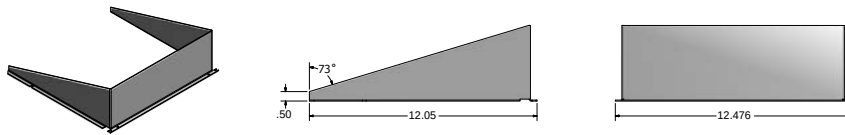
DLL127F 1.5 JU	Photocell - SSL twist-lock (120-277V) ²³
DLL347F 1.5 CUL JU	Photocell - SSL twist-lock (347V) ²³
DLL480F 1.5 CUL JU	Photocell - SSL twist-lock (480V) ²³
DSHORT SBK U	Shorting cap ²³
DSX1HS 30C U	House-side shield for 30 LED unit ²¹
DSX1HS 40C U	House-side shield for 40 LED unit ²¹
DSX1HS 60C U	House-side shield for 60 LED unit ²¹
PUMBA DDBXD U*	Square and round pole universal mounting bracket (specify finish) ²⁴
KMA8 DDBXD U	Mast arm mounting bracket adaptor (specify finish) ⁴

For more control options, visit [DTL](#) and [ROAM](#) online.

NOTES

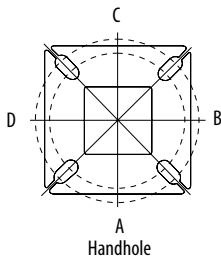
- 1 P10, P11, P12 or P13 and rotated optics (L90, R90) only available together.
- 2 AMBPC is not available with BLC, LCCO, RCCO or P4, P7, P8, P9 or P13.
- 3 Not available with HS.
- 4 MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
- 5 Any PIRx with BL30, BL50 or PNMT, is not available with 208V, 240V, 347V, 480V or MVOLT. It is only available in 120V or 277V specified.
- 6 Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
- 7 Not available in P1 or P10. Not available with BL30, BL50 or PNMT options.
- 8 Existing drilled pole only. Available as a separate combination accessory; for retrofit use only: PUMBA (finish) U; 1.5 G vibration load rating per ANCI C136.31.
- 9 Must order fixture with SPA option. Must be ordered as a separate accessory; see Accessories information. For use with 2-3/8" mast arm (not included).
- 10 Must be ordered with PIRHN.
- 11 Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Not available with DS option. Shorting cap included.
- 12 If ROAM[®] node required, it must be ordered and shipped as a separate line item from Acuity Brands Controls. Not available with DCR. Node with integral dimming. Shorting cap included.
- 13 Provides 50/50 fixture operation via (2) independent drivers. Not available with PER, PER5, PER7, PIR or PIRH. Not available P1, P2, P3, P4 or P5.
- 14 Requires (2) separately switched circuits.
- 15 Reference Motion Sensor table on page 3.
- 16 Reference PER table on page 3 to see functionality.
- 17 Must be ordered with NLTAIR2. For more information on nLight Air 2 visit [this link](#).
- 18 Not available with 347V, 480V, PNMT, DS. For PER5 or PER7, see PER Table on page 3. Requires isolated neutral.
- 19 Not available with 347V, 480V, DS, BL30, BL50. For PER5 or PER7, see PER Table on page 3. Separate Dusk to Dawn required.
- 20 Not available with other dimming controls options
- 21 Not available with BLC, LCCO and RCCO distribution. Also available as a separate accessory; see Accessories information.
- 22 Must be ordered with fixture for factory pre-drilling.
- 23 Requires luminaire to be specified with PER, PER5 or PER7 option. See PER Table on page 3.
- 24 For retrofit use only.

External Glare Shield



Drilling

HANDHOLE ORIENTATION



Tenon Mounting Slipfitter**

Tenon O.D.	Single Unit	2 at 180°	2 at 90°	3 at 120°	3 at 90°	4 at 90°
2-3/8"	AST20-190	AST20-280	AST20-290	AST20-320	AST20-390	AST20-490
2-7/8"	AST25-190	AST25-280	AST25-290	AST25-320	AST25-390	AST25-490
4"	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490

Pole drilling nomenclature: # of heads at degree from handhole (default side A)					
DM19AS	DM28AS	DM29AS	DM32AS	DM39AS	DM49AS
1 @ 90°	2 @ 280°	2 @ 90°	3 @ 120°	3 @ 90°	4 @ 90°
Side B	Side B & D	Side B & C	Round pole only	Side B, C, & D	Sides A, B, C, D

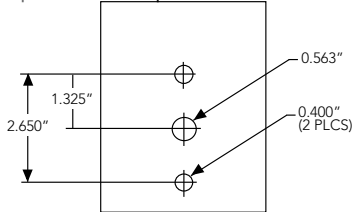
Note: Review luminaire spec sheet for specific nomenclature

Pole top or tenon O.D.	4.5" @ 90°	4" @ 90°	3.5" @ 90°	3" @ 90°	4.5" @ 120°	4" @ 120°	3.5" @ 120°	3" @ 120°
DSX SPA	Y	Y	Y	N	-	-	-	-
DSX RPA	Y	Y	N	N	Y	Y	Y	Y
DSX SPUMBA	Y	N	N	N	-	-	-	-
DSX RPUMBA	N	N	N	N	Y	Y	Y	N

*3 fixtures @120 require round pole top/tenon.

Template #8

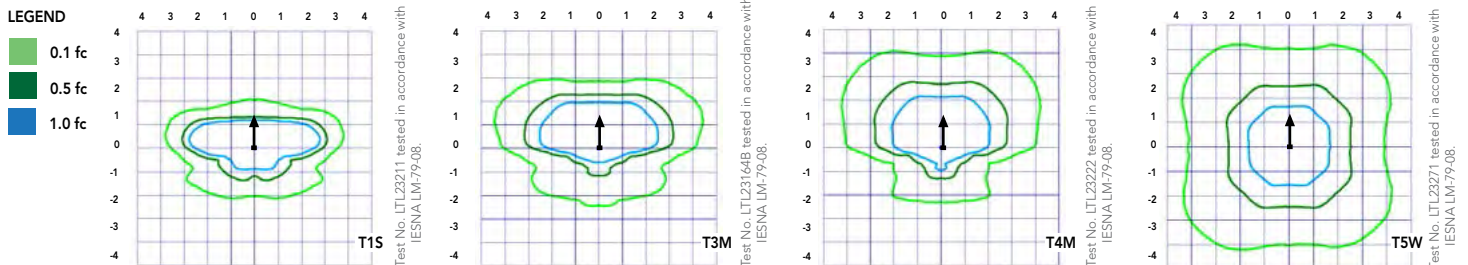
Top of Pole



Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [D-Series Area Size 1 homepage](#).

Isofootcandle plots for the DSX1 LED 60C 1000 40K. Distances are in units of mounting height (25').



Performance Data

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.04
5°C	41°F	1.04
10°C	50°F	1.03
15°C	59°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
35°C	95°F	0.98
40°C	104°F	0.97

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a **25°C ambient**, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25000	50000	100000
Lumen Maintenance Factor	1.00	0.96	0.92	0.85

Electrical Load

	Performance Package	LED Count	Drive Current	Wattage	Current (A)					
					120	208	240	277	347	480
Forward Optics (Non-Rotated)	P1	30	530	54	0.45	0.26	0.23	0.19	0.10	0.12
	P2	30	700	70	0.59	0.34	0.30	0.25	0.20	0.16
	P3	30	1050	102	0.86	0.50	0.44	0.38	0.30	0.22
	P4	30	1250	125	1.06	0.60	0.52	0.46	0.37	0.27
	P5	30	1400	138	1.16	0.67	0.58	0.51	0.40	0.29
	P6	40	1250	163	1.36	0.78	0.68	0.59	0.47	0.34
	P7	40	1400	183	1.53	0.88	0.76	0.66	0.53	0.38
	P8	60	1050	207	1.74	0.98	0.87	0.76	0.64	0.49
	P9	60	1250	241	2.01	1.16	1.01	0.89	0.70	0.51
Rotated Optics (Requires L90 or R90)	P10	60	530	106	0.90	0.52	0.47	0.43	0.33	0.27
	P11	60	700	137	1.15	0.67	0.60	0.53	0.42	0.32
	P12	60	1050	207	1.74	0.99	0.87	0.76	0.60	0.46
	P13	60	1250	231	1.93	1.12	0.97	0.86	0.67	0.49

Motion Sensor Default Settings

Option	Dimmed State	High Level (when triggered)	Photocell Operation	Dwell Time	Ramp-up Time	Ramp-down Time
PIR or PIRH	3V (37%) Output	10V (100%) Output	Enabled @ 5FC	5 min	3 sec	5 min
*PIR1FC3V or PIRH1FC3V	3V (37%) Output	10V (100%) Output	Enabled @ 1FC	5 min	3 sec	5 min

*for use with Inline Dusk to Dawn or timer.

PER Table

Control	PER (3 wire)	PER5 (5 wire)		PER7 (7 wire)		
			Wire 4/Wire5		Wire 4/Wire5	Wire 6/Wire7
Photocontrol Only (On/Off)	✓	⚠	Wired to dimming leads on driver	⚠	Wired to dimming leads on driver	Wires Capped inside fixture
ROAM	⊘	✓	Wired to dimming leads on driver	⚠	Wired to dimming leads on driver	Wires Capped inside fixture
ROAM with Motion (ROAM on/off only)	⊘	⚠	Wires Capped inside fixture	⚠	Wires Capped inside fixture	Wires Capped inside fixture
Future-proof*	⊘	⚠	Wired to dimming leads on driver	✓	Wired to dimming leads on driver	Wires Capped inside fixture
Future-proof* with Motion	⊘	⚠	Wires Capped inside fixture	✓	Wires Capped inside fixture	Wires Capped inside fixture

✓ Recommended

⊘ Will not work

⚠ Alternate

*Future-proof means: Ability to change controls in the future.

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Forward Optics																								
LED Count	Drive Current	Power Package	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
30	530	P1	54W	T1S	6,457	2	0	2	120	6,956	2	0	2	129	7,044	2	0	2	130	3,640	1	0	1	70
				T2S	6,450	2	0	2	119	6,949	2	0	2	129	7,037	2	0	2	130	3,813	1	0	1	73
				T2M	6,483	1	0	1	120	6,984	2	0	2	129	7,073	2	0	2	131	3,689	1	0	1	71
				T3S	6,279	2	0	2	116	6,764	2	0	2	125	6,850	2	0	2	127	3,770	1	0	1	73
				T3M	6,468	1	0	2	120	6,967	1	0	2	129	7,056	1	0	2	131	3,752	1	0	1	72
				T4M	6,327	1	0	2	117	6,816	1	0	2	126	6,902	1	0	2	128	3,758	1	0	1	72
				TFTM	6,464	1	0	2	120	6,963	1	0	2	129	7,051	1	0	2	131	3,701	1	0	1	71
				T5VS	6,722	2	0	0	124	7,242	3	0	0	134	7,334	3	0	0	136	3,928	2	0	0	76
				T5S	6,728	2	0	1	125	7,248	2	0	1	134	7,340	2	0	1	136	3,881	2	0	0	75
				T5M	6,711	3	0	1	124	7,229	3	0	1	134	7,321	3	0	2	136	3,930	2	0	1	76
				T5W	6,667	3	0	2	123	7,182	3	0	2	133	7,273	3	0	2	135	3,820	3	0	1	73
				BLC	5,299	1	0	1	98	5,709	1	0	2	106	5,781	1	0	2	107					
				LCCO	3,943	1	0	2	73	4,248	1	0	2	79	4,302	1	0	2	80					
				RCCO	3,943	1	0	2	73	4,248	1	0	2	79	4,302	1	0	2	80					
30	700	P2	70W	T1S	8,249	2	0	2	118	8,886	2	0	2	127	8,999	2	0	2	129	4,561	1	0	1	67
				T2S	8,240	2	0	2	118	8,877	2	0	2	127	8,989	2	0	2	128	4,777	1	0	1	70
				T2M	8,283	2	0	2	118	8,923	2	0	2	127	9,036	2	0	2	129	4,622	1	0	2	68
				T3S	8,021	2	0	2	115	8,641	2	0	2	123	8,751	2	0	2	125	4,724	1	0	1	69
				T3M	8,263	2	0	2	118	8,901	2	0	2	127	9,014	2	0	2	129	4,701	1	0	2	69
				T4M	8,083	2	0	2	115	8,708	2	0	2	124	8,818	2	0	2	126	4,709	1	0	2	69
				TFTM	8,257	2	0	2	118	8,896	2	0	2	127	9,008	2	0	2	129	4,638	1	0	2	68
				T5VS	8,588	3	0	0	123	9,252	3	0	0	132	9,369	3	0	0	134	4,922	2	0	0	72
				T5S	8,595	3	0	1	123	9,259	3	0	1	132	9,376	3	0	1	134	4,863	2	0	0	72
				T5M	8,573	3	0	2	122	9,236	3	0	2	132	9,353	3	0	2	134	4,924	3	0	1	72
				T5W	8,517	3	0	2	122	9,175	4	0	2	131	9,291	4	0	2	133	4,787	3	0	1	70
				BLC	6,770	1	0	2	97	7,293	1	0	2	104	7,386	1	0	2	106					
				LCCO	5,038	1	0	2	72	5,427	1	0	2	78	5,496	1	0	2	79					
				RCCO	5,038	1	0	2	72	5,427	1	0	2	78	5,496	1	0	2	79					
30	1050	P3	102W	T1S	11,661	2	0	2	114	12,562	3	0	3	123	12,721	3	0	3	125					
				T2S	11,648	2	0	2	114	12,548	3	0	3	123	12,707	3	0	3	125					
				T2M	11,708	2	0	2	115	12,613	2	0	2	124	12,773	2	0	2	125					
				T3S	11,339	2	0	2	111	12,215	3	0	3	120	12,370	3	0	3	121					
				T3M	11,680	2	0	2	115	12,582	2	0	2	123	12,742	2	0	2	125					
				T4M	11,426	2	0	3	112	12,309	2	0	3	121	12,465	2	0	3	122					
				TFTM	11,673	2	0	2	114	12,575	2	0	3	123	12,734	2	0	3	125					
				T5VS	12,140	3	0	1	119	13,078	3	0	1	128	13,244	3	0	1	130					
				T5S	12,150	3	0	1	119	13,089	3	0	1	128	13,254	3	0	1	130					
				T5M	12,119	4	0	2	119	13,056	4	0	2	128	13,221	4	0	2	130					
				T5W	12,040	4	0	3	118	12,970	4	0	3	127	13,134	4	0	3	129					
				BLC	9,570	1	0	2	94	10,310	1	0	2	101	10,440	1	0	2	102					
				LCCO	7,121	1	0	3	70	7,671	1	0	3	75	7,768	1	0	3	76					
				RCCO	7,121	1	0	3	70	7,671	1	0	3	75	7,768	1	0	3	76					
30	1250	P4	125W	T1S	13,435	3	0	3	107	14,473	3	0	3	116	14,657	3	0	3	117					
				T2S	13,421	3	0	3	107	14,458	3	0	3	116	14,641	3	0	3	117					
				T2M	13,490	2	0	2	108	14,532	3	0	3	116	14,716	3	0	3	118					
				T3S	13,064	3	0	3	105	14,074	3	0	3	113	14,252	3	0	3	114					
				T3M	13,457	2	0	2	108	14,497	2	0	2	116	14,681	2	0	2	117					
				T4M	13,165	2	0	3	105	14,182	2	0	3	113	14,362	2	0	3	115					
				TFTM	13,449	2	0	3	108	14,488	2	0	3	116	14,672	2	0	3	117					
				T5VS	13,987	4	0	1	112	15,068	4	0	1	121	15,259	4	0	1	122					
				T5S	13,999	3	0	1	112	15,080	3	0	1	121	15,271	3	0	1	122					
				T5M	13,963	4	0	2	112	15,042	4	0	2	120	15,233	4	0	2	122					
				T5W	13,872	4	0	3	111	14,944	4	0	3	120	15,133	4	0	3	121					
				BLC	11,027	1	0	2	88	11,879	1	0	2	95	12,029	1	0	2	96					
				LCCO	8,205	1	0	3	66	8,839	1	0	3	71	8,951	1	0	3	72					
				RCCO	8,205	1	0	3	66	8,839	1	0	3	71	8,951	1	0	3	72					
30	1400	P5	138W	T1S	14,679	3	0	3	106	15,814	3	0	3	115	16,014	3	0	3	116					
				T2S	14,664	3	0	3	106	15,797	3	0	3	114	15,997	3	0	3	116					
				T2M	14,739	3	0	3	107	15,878	3	0	3	115	16,079	3	0	3	117					
				T3S	14,274	3	0	3	103	15,377	3	0	3	111	15,572	3	0	3	113					
				T3M	14,704	2	0	3	107	15,840	3	0	3	115	16,040	3	0	3	116					
				T4M	14,384	2	0	3	104	15,496	3	0	3	112	15,692	3	0	3	114					
				TFTM	14,695	2	0	3	106	15,830	3	0	3	115	16,030	3	0	3	116					
				T5VS	15,283	4	0	1	111	16,464	4	0	1	119	16,672	4	0	1	121					
				T5S	15,295	3	0	1	111	16,477	4	0	1	119	16,686	4	0	1	121					
				T5M	15,257	4	0	2	111	16,435	4	0	2	119	16,644	4	0	2	121					
				T5W	15,157	4	0	3	110	16,328	4	0	3	118	16,534	4	0	3	120					
				BLC	12,048	1	0	2	87	12,979	1	0	2	94	13,143	1	0	2	95					
				LCCO	8,965	1	0	3	65	9,657	1	0	3	70	9,780	1	0	3	71					
					8,965	1	0	3	65	9,657	1	0	3	70	9,780	1	0	3	71					

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Forward Optics																								
LED Count	Drive Current	Power Package	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lu-mens	B	U	G	LPW
40	1250	P6	163W	T1S	17,654	3	0	3	108	19,018	3	0	3	117	19,259	3	0	3	118					
				T2S	17,635	3	0	3	108	18,998	3	0	3	117	19,238	3	0	3	118					
				T2M	17,726	3	0	3	109	19,096	3	0	3	117	19,337	3	0	3	119					
				T3S	17,167	3	0	3	105	18,493	3	0	3	113	18,727	3	0	3	115					
				T3M	17,683	3	0	3	108	19,049	3	0	3	117	19,290	3	0	3	118					
				T4M	17,299	3	0	3	106	18,635	3	0	4	114	18,871	3	0	4	116					
				TFTM	17,672	3	0	3	108	19,038	3	0	4	117	19,279	3	0	4	118					
				TSVS	18,379	4	0	1	113	19,800	4	0	1	121	20,050	4	0	1	123					
				TSS	18,394	4	0	2	113	19,816	4	0	2	122	20,066	4	0	2	123					
				T5M	18,348	4	0	2	113	19,766	4	0	2	121	20,016	4	0	2	123					
				TSW	18,228	5	0	3	112	19,636	5	0	3	120	19,885	5	0	3	122					
				BLC	14,489	2	0	2	89	15,609	2	0	3	96	15,806	2	0	3	97					
				LCCO	10,781	1	0	3	66	11,614	1	0	3	71	11,761	2	0	3	72					
				RCCO	10,781	1	0	3	66	11,614	1	0	3	71	11,761	2	0	3	72					
40	1400	P7	183W	T1S	19,227	3	0	3	105	20,712	3	0	3	113	20,975	3	0	3	115					
				T2S	19,206	3	0	3	105	20,690	3	0	3	113	20,952	3	0	3	114					
				T2M	19,305	3	0	3	105	20,797	3	0	3	114	21,060	3	0	3	115					
				T3S	18,696	3	0	3	102	20,141	3	0	3	110	20,396	3	0	4	111					
				T3M	19,258	3	0	3	105	20,746	3	0	3	113	21,009	3	0	3	115					
				T4M	18,840	3	0	4	103	20,296	3	0	4	111	20,553	3	0	4	112					
				TFTM	19,246	3	0	4	105	20,734	3	0	4	113	20,996	3	0	4	115					
				TSVS	20,017	4	0	1	109	21,564	4	0	1	118	21,837	4	0	1	119					
				TSS	20,033	4	0	2	109	21,581	4	0	2	118	21,854	4	0	2	119					
				T5M	19,983	4	0	2	109	21,527	5	0	3	118	21,799	5	0	3	119					
				TSW	19,852	5	0	3	108	21,386	5	0	3	117	21,656	5	0	3	118					
				BLC	15,780	2	0	3	86	16,999	2	0	3	93	17,214	2	0	3	94					
				LCCO	11,742	2	0	3	64	12,649	2	0	3	69	12,809	2	0	3	70					
				RCCO	11,742	2	0	3	64	12,649	2	0	3	69	12,809	2	0	3	70					
60	1050	P8	207W	T1S	22,490	3	0	3	109	24,228	3	0	3	117	24,535	3	0	3	119					
				T2S	22,466	3	0	4	109	24,202	3	0	4	117	24,509	3	0	4	118					
				T2M	22,582	3	0	3	109	24,327	3	0	3	118	24,635	3	0	3	119					
				T3S	21,870	3	0	4	106	23,560	3	0	4	114	23,858	3	0	4	115					
				T3M	22,527	3	0	4	109	24,268	3	0	4	117	24,575	3	0	4	119					
				T4M	22,038	3	0	4	106	23,741	3	0	4	115	24,041	3	0	4	116					
				TFTM	22,513	3	0	4	109	24,253	3	0	4	117	24,560	3	0	4	119					
				TSVS	23,415	5	0	1	113	25,224	5	0	1	122	25,543	5	0	1	123					
				TSS	23,434	4	0	2	113	25,244	4	0	2	122	25,564	4	0	2	123					
				T5M	23,374	5	0	3	113	25,181	5	0	3	122	25,499	5	0	3	123					
				TSW	23,221	5	0	4	112	25,016	5	0	4	121	25,332	5	0	4	122					
				BLC	18,458	2	0	3	89	19,885	2	0	3	96	20,136	2	0	3	97					
				LCCO	13,735	2	0	3	66	14,796	2	0	4	71	14,983	2	0	4	72					
				RCCO	13,735	2	0	3	66	14,796	2	0	4	71	14,983	2	0	4	72					
60	1250	P9	241W	T1S	25,575	3	0	3	106	27,551	3	0	3	114	27,900	3	0	3	116					
				T2S	25,548	3	0	4	106	27,522	3	0	4	114	27,871	3	0	4	116					
				T2M	25,680	3	0	3	107	27,664	3	0	3	115	28,014	3	0	3	116					
				T3S	24,870	3	0	4	103	26,791	3	0	4	111	27,130	3	0	4	113					
				T3M	25,617	3	0	4	106	27,597	3	0	4	115	27,946	3	0	4	116					
				T4M	25,061	3	0	4	104	26,997	3	0	4	112	27,339	3	0	4	113					
				TFTM	25,602	3	0	4	106	27,580	3	0	4	114	27,929	3	0	4	116					
				TSVS	26,626	5	0	1	110	28,684	5	0	1	119	29,047	5	0	1	121					
				TSS	26,648	4	0	2	111	28,707	5	0	2	119	29,070	5	0	2	121					
				T5M	26,581	5	0	3	110	28,635	5	0	3	119	28,997	5	0	3	120					
				TSW	26,406	5	0	4	110	28,447	5	0	4	118	28,807	5	0	4	120					
				BLC	20,990	2	0	3	87	22,612	2	0	3	94	22,898	2	0	3	95					
				LCCO	15,619	2	0	4	65	16,825	2	0	4	70	17,038	2	0	4	71					
					15,619	2	0	4	65	16,825	2	0	4	70	17,038	2	0	4	71					

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Rotated Optics																								
LED Count	Drive Current	Power Package	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
60	530	P10	106W	T1S	13,042	3	0	3	123	14,050	3	0	3	133	14,228	3	0	3	134	7,167	2	0	2	72
				T2S	12,967	4	0	4	122	13,969	4	0	4	132	14,146	4	0	4	133	7,507	2	0	2	76
				T2M	13,201	3	0	3	125	14,221	3	0	3	134	14,401	3	0	3	136	7,263	2	0	2	73
				T3S	12,766	4	0	4	120	13,752	4	0	4	130	13,926	4	0	4	131	7,424	2	0	2	75
				T3M	13,193	4	0	4	124	14,213	4	0	4	134	14,393	4	0	4	136	7,387	2	0	2	75
				T4M	12,944	4	0	4	122	13,945	4	0	4	132	14,121	4	0	4	133	7,400	2	0	2	75
				TFTM	13,279	4	0	4	125	14,305	4	0	4	135	14,486	4	0	4	137	7,288	1	0	2	74
				T5VS	13,372	3	0	1	126	14,405	4	0	1	136	14,588	4	0	1	138	7,734	3	0	1	78
				T5S	13,260	3	0	1	125	14,284	3	0	1	135	14,465	3	0	1	136	7,641	3	0	0	77
				T5M	13,256	4	0	2	125	14,281	4	0	2	135	14,462	4	0	2	136	7,737	3	0	2	78
				T5W	13,137	4	0	3	124	14,153	4	0	3	134	14,332	4	0	3	135	7,522	3	0	2	76
				BLC	10,906	3	0	3	103	11,749	3	0	3	111	11,898	3	0	3	112					
				LCCO	7,789	1	0	3	73	8,391	1	0	3	79	8,497	1	0	3	80					
				RCCO	7,779	4	0	4	73	8,380	4	0	4	79	8,486	4	0	4	80					
60	700	P11	137W	T1S	16,556	3	0	3	121	17,835	3	0	3	130	18,061	4	0	4	132	8,952	2	0	2	68
				T2S	16,461	4	0	4	120	17,733	4	0	4	129	17,957	4	0	4	131	9,377	2	0	2	72
				T2M	16,758	4	0	4	122	18,053	4	0	4	132	18,281	4	0	4	133	9,072	2	0	2	69
				T3S	16,205	4	0	4	118	17,457	4	0	4	127	17,678	4	0	4	129	9,273	2	0	2	71
				T3M	16,748	4	0	4	122	18,042	4	0	4	132	18,271	4	0	4	133	9,227	2	0	2	70
				T4M	16,432	4	0	4	120	17,702	4	0	4	129	17,926	4	0	4	131	9,243	2	0	2	71
				TFTM	16,857	4	0	4	123	18,159	4	0	4	133	18,389	4	0	4	134	9,103	2	0	2	69
				T5VS	16,975	4	0	1	124	18,287	4	0	1	133	18,518	4	0	1	135	9,661	3	0	1	74
				T5S	16,832	4	0	1	123	18,133	4	0	2	132	18,362	4	0	2	134	9,544	3	0	1	73
				T5M	16,828	4	0	2	123	18,128	4	0	2	132	18,358	4	0	2	134	9,665	3	0	2	74
				T5W	16,677	4	0	3	122	17,966	5	0	3	131	18,193	5	0	3	133	9,395	4	0	2	72
				BLC	13,845	3	0	3	101	14,915	3	0	3	109	15,103	3	0	3	110					
				LCCO	9,888	1	0	3	72	10,652	2	0	3	78	10,787	2	0	3	79					
				RCCO	9,875	4	0	4	72	10,638	4	0	4	78	10,773	4	0	4	79					
60	1050	P12	207W	T1S	22,996	4	0	4	111	24,773	4	0	4	120	25,087	4	0	4	121					
				T2S	22,864	4	0	4	110	24,631	5	0	5	119	24,943	5	0	5	120					
				T2M	23,277	4	0	4	112	25,075	4	0	4	121	25,393	4	0	4	123					
				T3S	22,509	4	0	4	109	24,248	5	0	5	117	24,555	5	0	5	119					
				T3M	23,263	4	0	4	112	25,061	4	0	4	121	25,378	4	0	4	123					
				T4M	22,824	5	0	5	110	24,588	5	0	5	119	24,899	5	0	5	120					
				TFTM	23,414	5	0	5	113	25,223	5	0	5	122	25,543	5	0	5	123					
				T5VS	23,579	5	0	1	114	25,401	5	0	1	123	25,722	5	0	1	124					
				T5S	23,380	4	0	2	113	25,187	4	0	2	122	25,506	4	0	2	123					
				T5M	23,374	5	0	3	113	25,181	5	0	3	122	25,499	5	0	3	123					
				T5W	23,165	5	0	4	112	24,955	5	0	4	121	25,271	5	0	4	122					
				BLC	19,231	4	0	4	93	20,717	4	0	4	100	20,979	4	0	4	101					
				LCCO	13,734	2	0	3	66	14,796	2	0	4	71	14,983	2	0	4	72					
				RCCO	13,716	4	0	4	66	14,776	4	0	4	71	14,963	4	0	4	72					
60	1250	P13	231W	T1S	25,400	4	0	4	110	27,363	4	0	4	118	27,709	4	0	4	120					
				T2S	25,254	5	0	5	109	27,205	5	0	5	118	27,550	5	0	5	119					
				T2M	25,710	4	0	4	111	27,696	4	0	4	120	28,047	4	0	4	121					
				T3S	24,862	5	0	5	108	26,783	5	0	5	116	27,122	5	0	5	117					
				T3M	25,695	5	0	5	111	27,680	5	0	5	120	28,031	5	0	5	121					
				T4M	25,210	5	0	5	109	27,158	5	0	5	118	27,502	5	0	5	119					
				TFTM	25,861	5	0	5	112	27,860	5	0	5	121	28,212	5	0	5	122					
				T5VS	26,043	5	0	1	113	28,056	5	0	1	121	28,411	5	0	1	123					
				T5S	25,824	4	0	2	112	27,819	5	0	2	120	28,172	5	0	2	122					
				T5M	25,818	5	0	3	112	27,813	5	0	3	120	28,165	5	0	3	122					
				T5W	25,586	5	0	4	111	27,563	5	0	4	119	27,912	5	0	4	121					
				BLC	21,241	4	0	4	92	22,882	4	0	4	99	23,172	4	0	4	100					
				LCCO	15,170	2	0	4	66	16,342	2	0	4	71	16,549	2	0	4	72					
					15,150	5	0	5	66	16,321	5	0	5	71	16,527	5	0	5	72					

FEATURES & SPECIFICATIONS

INTENDED USE

The sleek design of the D-Series Size 1 reflects the embedded high performance LED technology. It is ideal for many commercial and municipal applications, such as parking lots, plazas, campuses, and streetscapes.

CONSTRUCTION

Single-piece die-cast aluminum housing has integral heat sink fins to optimize thermal management through conductive and convective cooling. Modular design allows for ease of maintenance and future light engine upgrades. The LED drivers are mounted in direct contact with the casting to promote low operating temperature and long life. Housing is completely sealed against moisture and environmental contaminants (IP65). Low EPA (1.01 ft²) for optimized pole wind loading.

FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Available in both textured and non-textured finishes.

OPTICS

Precision-molded proprietary acrylic lenses are engineered for superior area lighting distribution, uniformity, and pole spacing. Light engines are available in standard 3000 K, 4000 K and 5000 K (70 CRI) configurations. The D-Series Size 1 has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

ELECTRICAL

Light engine configurations consist of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L85/100,000 hours at 25°C). Class 1

electronic drivers are designed to have a power factor >90%, THD <20%, and an expected life of 100,000 hours with <1% failure rate. Easily serviceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

INSTALLATION

Included mounting block and integral arm facilitate quick and easy installation. Stainless steel bolts fasten the mounting block securely to poles and walls, enabling the D-Series Size 1 to withstand up to a 3.0 G vibration load rating per ANSI C136.31. The D-Series Size 1 utilizes the AERIS™ series pole drilling pattern (template #8). Optional terminal block and NEMA photocontrol receptacle are also available.

LISTINGS

UL Listed for wet locations. Light engines are IP66 rated; luminaire is IP65 rated. Rated for -40°C minimum ambient. U.S. Patent No. D672,492 S. International patent pending.

DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color temperature only.

WARRANTY

5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.



FEATURES & SPECIFICATIONS

INTENDED USE — These specifications are for USA standards only. Check with factory for Canadian specifications. Square Straight Steel is a general purpose light pole for up to 39-foot mounting heights. This pole provides a robust yet cost effective option for mounting area lights and floodlights.

CONSTRUCTION — Pole Shaft: The pole shaft is of uniform dimension and wall thickness and is made of a weldable-grade, hot-rolled, commercial-quality steel tubing with a minimum yield of 55 KSI (11-gauge, .1196"), or 50 KSI (7-gauge, .1793"). Shaft is one-piece with a full-length longitudinal high-frequency electric resistance weld. Uniformly square in cross-section with flat sides, small corner radii and excellent torsional qualities. Available shaft widths are 4", 5" and 6".

Pole Top: A flush non-metallic black top cap is provided for all poles that will receive drilling patterns for side-mount luminaire arm assemblies or when ordered with PT option.

Handhole: A reinforced handhole with grounding provision is provided at 18" from the base on side A. Positioning the handhole lower may not be possible and requires engineering review; consult Tech Support-Outdoor for further information. Every handhole includes a cover and cover attachment hardware. The handhole has a nominal dimension of 2.5" x 5".

Base Cover: A durable ABS plastic two-piece full base cover, finished to match the pole, is provided with each pole assembly. Additional base cover options are available upon request.

Anchor Base/ Bolts: Anchor base is fabricated from steel that meets ASTM A36 standards and can be altered to match existing foundations; consult factory for modifications. Anchor bolts are manufactured to ASTM F1554 Standards grade 55, (55 KSI minimum yield strength and tensile strength of 75-95 KSI). Top threaded portion (nominal 12") is hot-dipped galvanized per ASTM A-153.

HARDWARE — All structural fasteners are high-strength galvanized carbon steel. All non-structural fasteners are galvanized or zinc-plated carbon steel or stainless steel.

FINISH — Extra durable standard powder-coat finishes include Dark Bronze, White, Black, Medium Bronze and Natural Aluminum colors. Classic finishes include Sandstone, Charcoal Gray, Tennis Green, Bright Red and Steel Blue colors. Architectural Colors and Special Finishes are available by quote and include, but are not limited to Hot-dipped Galvanized, Paint over Hot-dipped Galvanized, RAL Colors, Custom Colors and Extended Warranty Finishes. Factory-applied primer paint finish is available for customer field-paint applications.

WARRANTY — 1-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

NOTE: Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.

Catalog Number	SSS-25-4C-DM19-DDBXD
Notes	
Type	



Anchor Base Poles

SSS

SQUARE STRAIGHT STEEL

SSS Square Straight Steel Poles

ORDERING INFORMATION Lead times will vary depending on options selected. Consult with your sales representative. Example: SSS 20 5C DM19 DDB

SSS						
Series	Nominal fixture mounting height	Nominal shaft base size/wall thickness¹	Mounting²		Options	Finish¹⁰
SSS	10'-39' (for 1/2 ft increments, add -6 to the pole height. Ex: 20-6 equals 20ft 6in.) See technical information table for complete ordering information.)	4C 4" 11g (.1196") 4G 4" 7g (.1793") 5C 5" 11g (.1196") 5G 5" 7g (.1793") 6G 6" 7g (.1793") See technical information table for complete ordering information.)	Tenon mounting PT Open top (includes top cap) T20 2-3/8" O.D. (2" NPS) T25 2-7/8" O.D. (2-1/2" NPS) T30 3-1/2" O.D. (3" NPS) T35 4" O.D. (3-1/2" NPS) KAC/KAD/KSE/KSF/KVR/KVF Drill mounting³ DM19 1 at 90° DM28 2 at 180° DM28 PL 2 at 180° with one side plugged DM29 2 at 90° DM39 3 at 90° DM49 4 at 90° CSX/DSX/AERIS™/OMERO™/HLA/KAX Drill mounting³ DM19AS 1 at 90° DM28AS 2 at 180° DM29AS 2 at 90° DM39AS 3 at 90° DM49AS 4 at 90°	AERIS™ Suspend drill mounting³,⁴ DM19AST_ 1 at 90° DM28AST_ 2 at 180° DM29AST_ 2 at 90° DM39AST_ 3 at 90° DM49AST_ 4 at 90° OMERO™ Suspend drill mounting³,⁴ DM19MRT_ 1 at 90° DM28MRT_ 2 at 180° DM29MRT_ 2 at 90° DM39MRT_ 3 at 90° DM49MRT_ 4 at 90°	Shipped installed L/AB Less anchor bolts (Include when anchor bolts are not needed) VD Vibration damper TP Tamper resistant handhole cover fasteners HAXy Horizontal arm bracket (1 fixture)⁵,⁶ FDLxy Festoon outlet less electrical⁵ CPL12/xy 1/2" coupling⁵ CPL34/xy 3/4" coupling⁵ CPL1/xy 1" coupling⁵ NPL12/xy 1/2" threaded nipple⁵ NPL34/xy 3/4" threaded nipple⁵ NPL1/xy 1" threaded nipple⁵ EHHxy Extra handhole⁵,⁷ MAEX Match existing⁸ USPOM United States point of manufacture⁹ IC Interior coating¹⁰ UL UL listed with label (Includes NEC compliant cover) NEC NEC 410.30 compliant gasketed handhole (Not UL Labeled) Shipped separately (replacement kit available) (blank) FBC Full base cover (plastic) (blank) TC Top cap (blank) HHC Handhole cover	Standard colors DDBXD Dark bronze DWHXD White DBLXD Black DMBXD Medium bronze DNAXD Natural aluminum Classic colors DSS Sandstone DGC Charcoal gray DTG Tennis green DBR Bright red DSB Steel blue Architectural Colors and Special Finishes¹¹ Galvanized, Paint over Galvanized, RAL Colors, Custom Colors and Extended Warranty Finishes available.

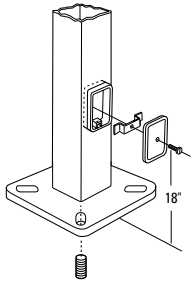
- NOTES:
1. Wall thickness will be signified with a "C" (11 Gauge) or a "G" (7-Gauge) in nomenclature. "C" - 0.1196" | "G" - 0.1793".
2. PT open top poles include top cap. When ordering tenon mounting and drill mounting for the same pole, follow this example: DM28/T20. The combination includes a required extra handhole.
3. Refer to the fixture spec sheet for the correct drilling template pattern and orientation compatibility.
4. Insert "1" or "2" to designate fixture size; e.g. DM19AST2.
5. Specify location and orientation when ordering option.
For "x": Specify the height above the base of pole in feet or feet and inches; separate feet and inches with a "-".
Example: 5ft = 5 and 20ft 3in = 20-3
For "y": Specify orientation from handhole (A,B,C,D)
Refer to the Handhole Orientation diagram below.
Example: 1/2" coupling at 5' 8" orientation C = CPL12/S-8C
6. Horizontal arm is 18" x 2-3/8" O.D. tenon standard, with radius curve providing 12" rise and 2-3/8" O.D. If ordering two horizontal arm at the same height, specify with HAXxy. Example: HA20BD.
7. Combination of tenon-top and drill mount includes extra handhole.
8. Must add original order number of existing pole(s).
9. Use when mill certifications are required.
10. Provides enhanced corrosion resistance.
11. Additional colors available; see www.lithonia.com/archcolors or Architectural Colors brochure (Form No. 794.3). Available by formal quote only, consult factory for details.

TECHNICAL INFORMATION — EPA (ft2) with 1.3 gust

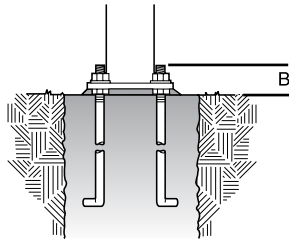
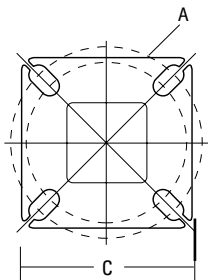
Catalog Number	Nominal Shaft Length (ft.)*	Pole Shaft Size (Base in. x Top in. x ft.)	Wall thick (in)	Gauge	EPA (ft ²) with 1.3 gust						Bolt circle (in)	Bolt size (in. x in. x in.)	Approximate ship weight (lbs.)
					80 MPH	Max. weight	90 MPH	Max. weight	100 MPH	Max. weight			
SSS 10 4C	10	4.0 x 10.0	0.1196	11	30.6	765	23.8	595	18.9	473	8-9	3/4 x 18 x 3	75
SSS 12 4C	12	4.0 x 12.0	0.1196	11	24.4	610	18.8	470	14.8	370	8-9	3/4 x 18 x 3	90
SSS 14 4C	14	4.0 x 14.0	0.1196	11	19.9	498	15.1	378	11.7	293	8-9	3/4 x 18 x 3	100
SSS 16 4C	16	4.0 x 16.0	0.1196	11	15.9	398	11.8	295	8.9	223	8-9	3/4 x 18 x 3	115
SSS 18 4C	18	4.0 x 18.0	0.1196	11	12.6	315	9.2	230	6.7	168	8-9	3/4 x 18 x 3	125
SSS 20 4C	20	4.0 x 20.0	0.1196	11	9.6	240	6.7	167	4.5	150	8-9	3/4 x 18 x 3	140
SSS 20 4G	20	4.0 x 20.0	0.1793	7	14	350	11	275	8	200	8-9	3/4 x 30 x 3	198
SSS 20 5C	20	5.0 x 20.0	0.1196	11	17.7	443	12.7	343	9.4	235	10-12	1 x 36 x 4	185
SSS 20 5G	20	5.0 x 20.0	0.1793	7	28.1	703	21.4	535	16.2	405	10-12	1 x 36 x 4	265
SSS 25 4C	25	4.0 x 25.0	0.1196	11	4.8	150	2.6	100	1	50	8-9	3/4 x 18 x 3	170
SSS 25 4G	25	4.0 x 25.0	0.1793	7	10.8	270	7.7	188	5.4	135	8-9	3/4 x 30 x 3	245
SSS 25 5C	25	5.0 x 25.0	0.1196	11	9.8	245	6.3	157	3.7	150	10-12	1 x 36 x 4	225
SSS 25 5G	25	5.0 x 25.0	0.1793	7	18.5	463	13.3	333	9.5	238	10-12	1 x 36 x 4	360
SSS 30 4G	30	4.0 x 30.0	0.1793	7	6.7	168	4.4	110	2.6	65	8-9	3/4 x 30 x 3	295
SSS 30 5C	30	5.0 x 30.0	0.1196	11	4.7	150	2	50	--	--	10-12	1 x 36 x 4	265
SSS 30 5G	30	5.0 x 30.0	0.1793	7	10.7	267	6.7	167	3.9	100	10-12	1 x 36 x 4	380
SSS 30 6G	30	6.0 x 30.0	0.1793	7	19	475	13.2	330	9	225	11-13	1 x 36 x 4	520
SSS 35 5G	35	5.0 x 35.0	0.1793	7	5.9	150	2.5	100	--	--	10-12	1 x 36 x 4	440
SSS 35 6G	35	6.0 x 35.0	0.1793	7	12.4	310	7.6	190	4.2	105	11-13	1 x 36 x 4	540
SSS 39 6G	39	6.0 x 39.0	0.1793	7	7.2	180	3	75	--	--	11-13	1 x 36 x 4	605

* EPA values are based ASCE 7-93 wind map. For 1/2 ft increments, add -6 to the pole height. Ex: 20-6 equals 20ft 6in.

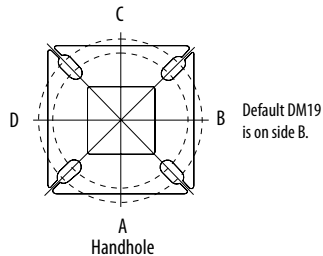
BASE DETAIL



POLE DATA								
Shaft base size	Bolt circle A	Bolt projection B	Base diameter C	Base plate thickness	Template description	Anchor bolt description	Anchor bolt and template number	Anchor bolt description
4"C	8" - 9"	3.25" - 3.75"	8" - 8.25"	0.75"	ABTEMPLATE PJ50004	AB18-0	ABSSS-4C	3/4"x18"x3"
4"G	8" - 9"	3.38" - 3.75"	8" - 8.25"	0.875"	ABTEMPLATE PJ50004	AB30-0	ABSSS-4G	3/4"x30"x3"
5"	10" - 12"	3.5" - 4"	11"	1"	ABTEMPLATE PJ50010	AB36-0	ABSSS-5	1"x36"x4"
6"	11" - 13"	4" - 4.50"	12.5"	1"	ABTEMPLATE PJ50011	AB36-0	N/A	1"x36"x4"



HANDHOLE ORIENTATION

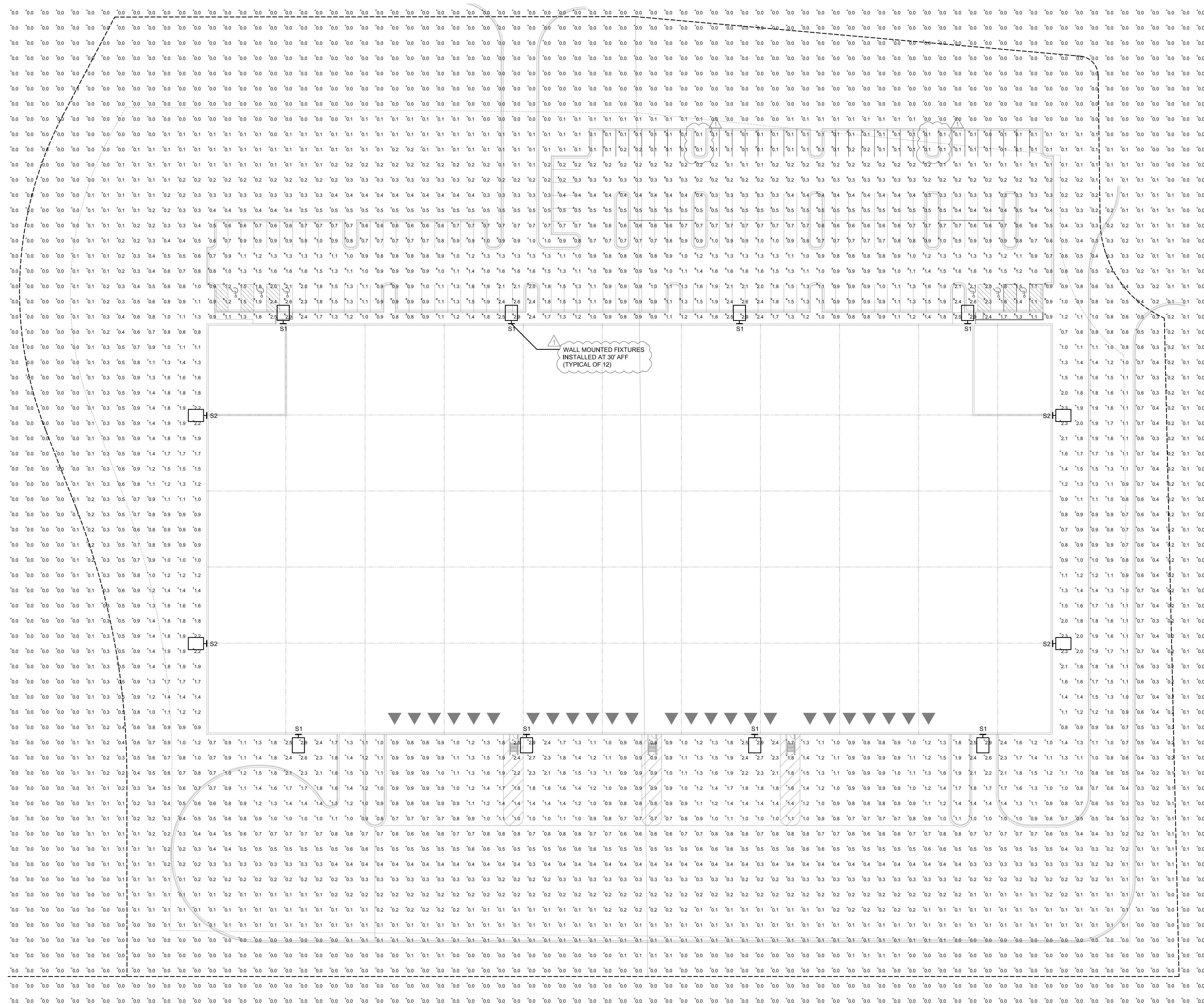


IMPORTANT INSTALLATION NOTES:

- **Do not** erect poles without having fixtures installed.
- Factory-supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claim for incorrect anchorage placement due to failure to use Lithonia Lighting factory templates.
- If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage.
- Lithonia Lighting is not responsible for the foundation design.



40 S. ADDISON ROAD
ADDISON, IL 60101
630-543-9059
www.connelyelectric.com



1 SITE PHOTOMETRIC PLAN

VILLAGE COMMENTS

1. PARKING LOT POLES HAVE BEEN REMOVED. NOTE: INSTALLATION OF BUILDING MOUNTED LIGHTS IS 30' AFF.
2. FIXTURES HAVE BEEN REVISED TO HAVE THE MAXIMUM CANDLE POWER BE 3.0fc BELOW ALL FIXTURES.

PHOTOMETRIC STATISTICS

	AVERAGE	MAXIMUM
CAR PARKING	1.0fc	2.9fc

PIPER LANE

PIPER LANE
PROSPECT HEIGHTS

[illegible]

PROJECT NUMBER	18-0000
DATE	01/14/2019
DRAWN BY	MJE
CHECKED BY	JJC

E100

LUMINAIRE SCHEDULE					
CALLOUT	SYMBOL	DESCRIPTION	MODEL	INPUT WATTS	VOLTS
S1		LED WALL MTD. FIXTURE	LITHONIA DSX1-LED-P4-50K-14M-MVOLT-WBA-DBXD MOUNTED AT 30 AFS	163	277V 1P 2W
S2		LED WALL MTD. FIXTURE	LITHONIA DSX1-LED-P4-50K-T3S-MVOLT-WBA-DBXD	125	277V 1P 2W

Traffic Impact Study Proposed Industrial Development

Prospect Heights, Illinois



Prepared For:

Connor Commercial Real Estate

Prepared By:

KLOA
Kenig, Lindgren, O'Hara, Aboona, Inc.

December 11, 2018

1. Introduction

This report summarizes the methodologies, results, and findings of a traffic impact study conducted by Kenig, Lindgren, O'Hara, Aboona, Inc. (KLOA, Inc.) for the proposed industrial development to be located in the southeast quadrant of the intersection of Piper Lane with Pinecrest Drive in Prospect Heights, Illinois. As proposed, the site which is currently vacant, will be developed with an approximately 150,000 square-foot industrial building. Passenger vehicle access to the proposed development will be provided via a full movement access drive off the northern segment of Piper Lane and truck access to the proposed development will be provided via a full movement access drive off the southern segment of Piper Lane.

The purpose of this study was to examine background traffic conditions, assess the impact that the proposed development will have on traffic conditions in the area, determine if any roadway or access improvements are necessary to accommodate traffic generated by the proposed development.

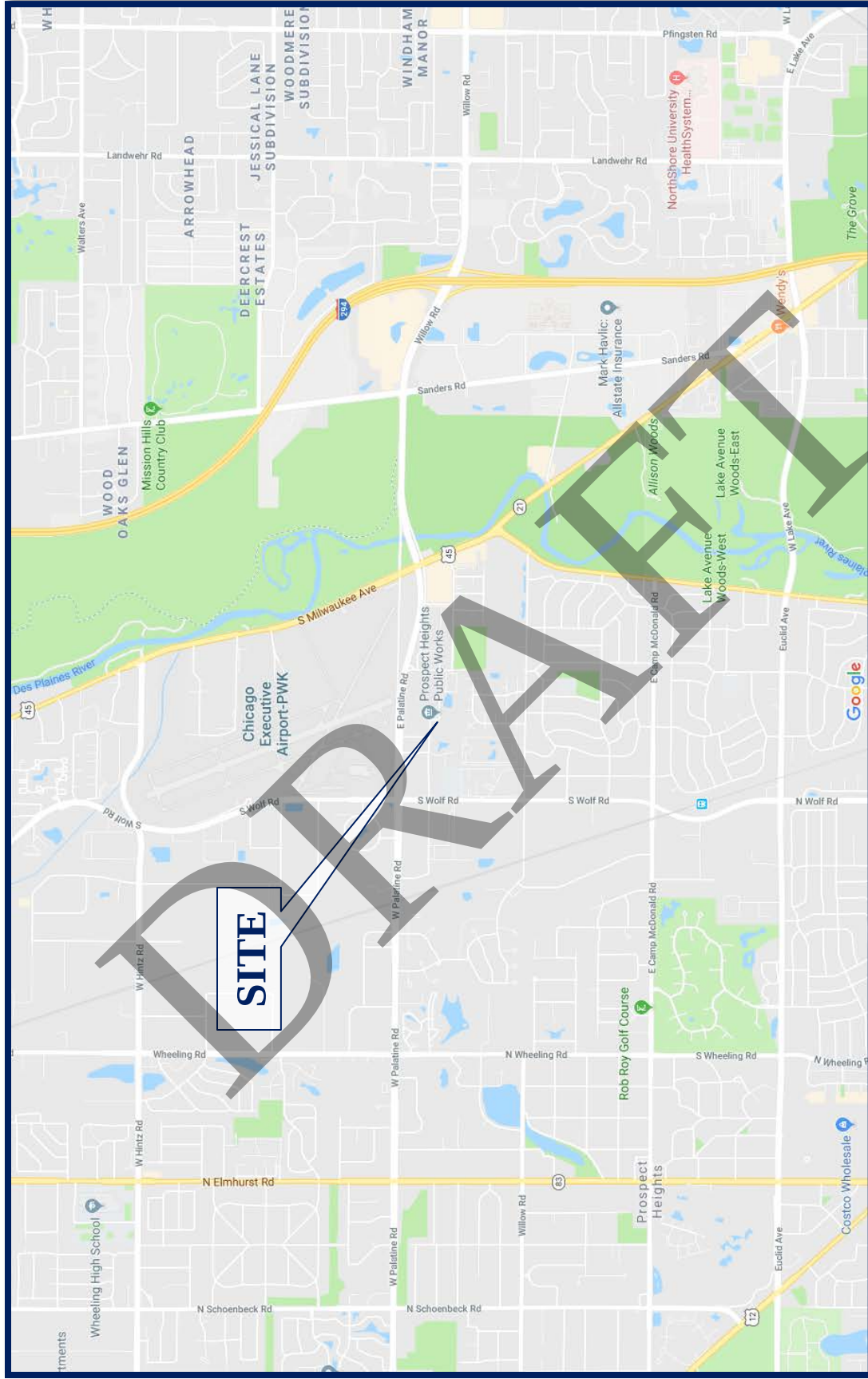
Figure 1 shows the location of the site in relation to the area roadway system. **Figure 2** shows an aerial view of the site area.

The sections of this report present the following:

- Existing roadway conditions
- A description of the proposed development
- Directional distribution of the development traffic
- Vehicle trip generation for the development
- Future traffic conditions including access to the development
- Traffic analyses for the weekday morning and weekday evening peak hours
- Recommendations with respect to adequacy of the site access and adjacent roadway system

Traffic capacity analyses were conducted for the weekday morning and weekday evening peak hours for the following conditions:

1. Existing Condition - Analyzes the capacity of the existing roadway system using existing peak hour traffic volumes in the surrounding area.
2. Future Condition - The future projected traffic volumes include the existing traffic volumes increased by an ambient area growth factor (growth not attributable to any particular development) and the traffic estimated to be generated by the proposed subject development.



Site Location

Figure 1

*Industrial Development
Prospect Heights, Illinois*



Aerial View of Site Location

Figure 2

2. Existing Conditions

Existing transportation conditions in the vicinity of the site were documented based on field visits conducted by KLOA, Inc. in order to obtain a database for projecting future conditions. The following provides a description of the geographical location of the site, physical characteristics of the area roadway system including lane usage and traffic control devices and existing peak hour traffic volumes.

Site Location

The site, which is currently vacant, is located in the southeast quadrant of the intersection of Piper Lane with Pinecrest Drive. Land uses in the vicinity of the site include the following; the Commerce Center at Palwaukee, SPG, KTS, Truck and Reefer Repair, Swiss EDM Wirecut, Woolnwear, UV Wraps n Straps and Labor Solutions to the north, Palwaukee Center, Gray Machinery, Country Pines Estates & Apartments, Willow Trails Park, Wimbledon Lakes Estates and the Prospect Heights Public Works & Police Substation to the east, Briarwood Terrace Apartments, Lake Run Condominiums and Quincy Park to the south, Pinecrest Condominiums, 7 East Piper Lane Apartments and the Harper College Learning and Career Center to the west.

Existing Roadway System Characteristics

The characteristics of the existing roadways near the development are described below. **Figure 3** illustrates the existing roadway characteristics.

Piper Lane is an east-west local roadway that in the vicinity of the site provides one through lane in each direction. At its unsignalized intersection with Wolf Road, Piper Lane provides an exclusive left-turn lane and a shared through/right-turn lane on the eastbound and westbound approaches. At its all-way stop-sign controlled intersection with Pinecrest Drive, Piper Lane provides a shared left/through/right-turn lane on the eastbound and westbound approaches. At its all-way stop-sign controlled intersection with Burning Bush Lane, Piper Lane provides a shared left/right-turn lane on the eastbound approach. East of Burning Bush Lane, Piper Lane is a one-way westbound access roadway serving the Country Pines Estates & Apartments which at its intersection with Burning Bush Lane provides a shared left/through/right-turn lane. It should be noted that approximately 675 feet east of Pinecrest Drive, Piper Lane curves south for approximately 175 feet then curves back to an east-west roadway. Due to the turning radii at these two curves, Piper Lane is under stop-sign control at both ends of the curve. Additionally, Piper Lane between Burning Bush Lane and the curve has a five-ton weight limit restriction and no parking is permitted on either side of the roadway. Piper Lane is under the jurisdiction of the City of Prospect Heights and has a posted speed limit of 25 miles per hour.

Pinecrest Drive is a north-south local roadway that in the vicinity of the site provides one through lane in each direction. At its all-way stop-sign controlled intersection with Piper Lane, Pinecrest Drive provides a shared left/through/right-turn lane on the southbound approach. The south leg of this intersection is an access roadway serving the Pinecrest Condominiums which provides a shared left/through/right-turn lane. North of Piper Lane, Parking is prohibited on both sides of the roadway. Pinecrest Drive is under the jurisdiction of the City of Prospect Heights.

NOT TO SCALE

LEGEND

- TRAVEL LANE
- STOP SIGN
- SPEED LIMIT
- NO PARKING
- BUS STOP
- BUS STOP WITH SHELTER

5

Industrial Development
Prospect Heights, Illinois

Existing Roadway Characteristics

Kentig, Lindgren, O'Hara, Aboona, Inc.

Job No: 18-277

Figure: 3

Wolf Road is a north-south arterial roadway, that in the vicinity of the site provides one through lane in direction. At its unsignalized intersection with Piper Lane, Wolf Road provides a shared left/through/right-turn lane in the northbound and southbound direction. Wolf Road is under the jurisdiction of the Illinois Department of Transportation (IDOT), carries an annual average daily traffic (AADT) volume of 11,700 vehicles (IDOT AADT 2014) and has a posted speed limit of 40 miles per hour.

Burning Bush Lane is a north-south local roadway that provides one through lane in each direction and extends from the Palatine Frontage Road approximately 1,250 feet south to its terminus at Willow Trails Park. At its all-way stop-sign controlled intersection with Piper Lane, Burning Bush Lane provides a shared through/right-turn lane on the southbound approach and a shared left-turn/through lanes on the northbound approach. At its all-way stop-sign controlled intersection with Apple Drive, Burning Bush Lane provides a shared through/right-turn lane on the northbound approach and a shared through/left-turn lane on the southbound approach. Parking is prohibited on both sides of the roadway. Burning Bush Lane is under the jurisdiction of the City of Prospect Heights.

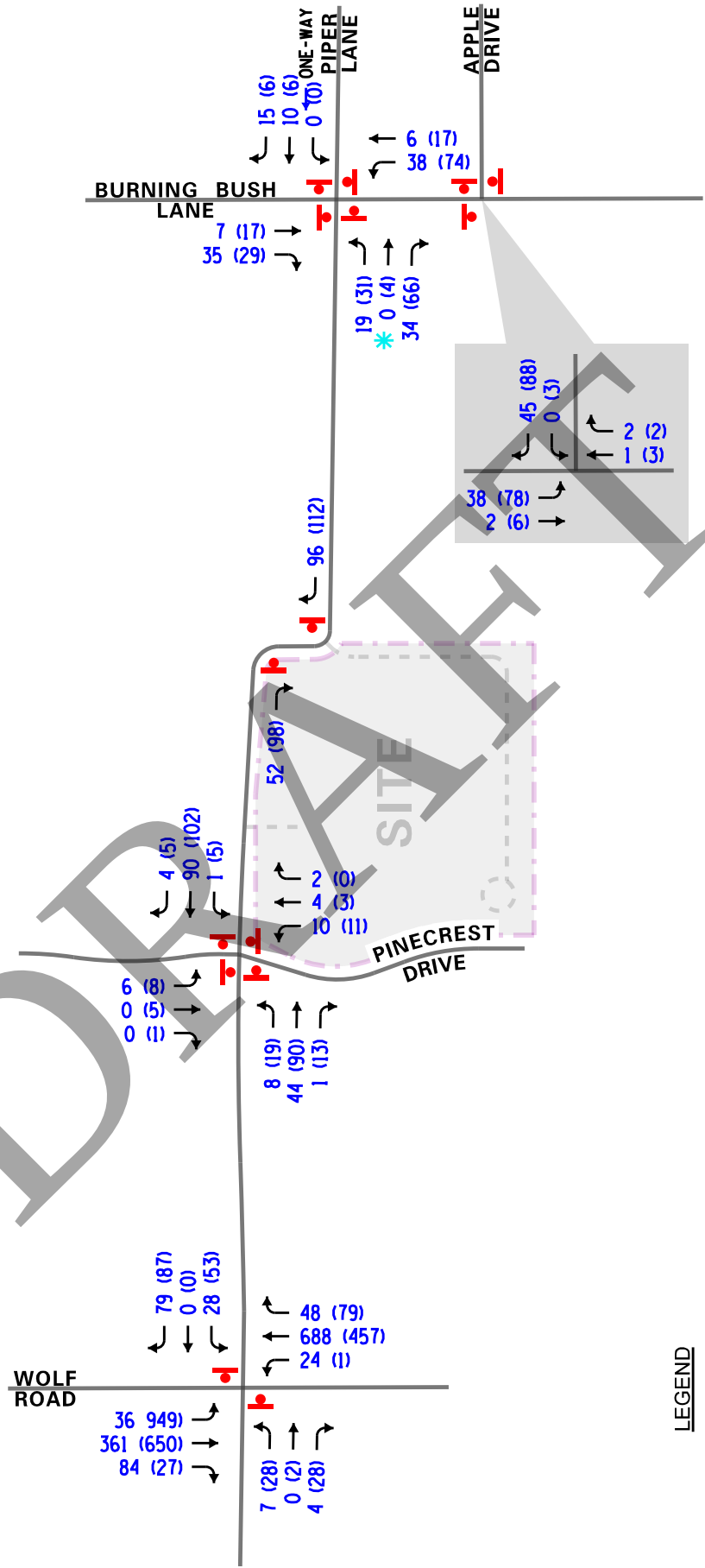
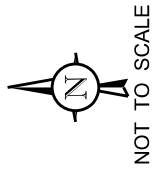
Apple Drive is an east-west local roadway that provides one through lane in each direction and extends from Burning Bush Lane approximately 2,500 feet east to its terminus at Milwaukee Avenue. At its all-way stop-sign controlled intersection with Burning Bush Lane, Apple Drive provides a shared left/right-turn lane on the westbound approach. Parking is prohibited on the north side of the roadway and is restricted to no parking between April and October from 8:00 A.M. to 5:00 P.M. on Friday, Saturday and Sundays. Apple Drive is under the jurisdiction of the City of Prospect Heights.

Existing Traffic Volumes

In order to determine current traffic conditions in the vicinity of the site, KLOA, Inc. conducted peak period traffic counts using Miovision Scout Video Collection Units on Tuesday, December 4, 2018 during the weekday morning (6:00 A.M. to 9:00 P.M.) and weekday evening (3:00 P.M. to 6:00 P.M.) peak periods at the following intersections:

- Piper Lane with Pinecrest Drive
- Piper Lane with Wolf Road
- Piper Lane with Burning Bush Lane
- Burning Bush Lane with Apple Drive

The results of the traffic counts showed that the weekday morning peak hour of traffic occurs from 7:15 A.M. to 8:15 A.M. and the weekday evening peak hour of traffic occurs from 3:30 P.M. to 4:30 P.M. **Figure 4** illustrates the existing peak hour traffic volumes. Copies of the traffic count summary sheets are included in the Appendix.



3. Traffic Characteristics of the Proposed Development

In order to properly evaluate future traffic conditions in the surrounding area, it was necessary to determine the traffic characteristics of the proposed development, including the directional distribution and volumes of traffic that it will generate.

Proposed Site and Development Plan

As proposed, the plans call for the developing the site with an approximately 150,000 square-foot industrial building. Access to the site will be provided via a full movement access drive off Piper Lane that will be located approximately 280 feet east of Pinecrest Drive. This access drive will provide one inbound lane and one outbound lane and outbound movements should be under stop-sign control. This access drive will serve the passenger vehicle parking spaces only. Access to the truck loading bays will be provided via a proposed full movement access drive that will be located approximately 60 feet west of the westerly access drive serving the Prospect Heights Public Works & Police Substation Building. This access drive will be located along the southern curve of Piper Lane and outbound movements from this access drive should be under stop-sign control. Due to the restriction of truck traffic to the east, all truck movements will be restricted to/from the west on Piper Lane. In order to facilitate truck access at this location, the existing weight limit restriction sign located below the eastbound stop-sign at the Piper Lane curve should be relocated to the east of the proposed truck access drive. A copy of the preliminary site plan depicting the proposed development and access.

Directional Distribution

The directions from which employees of the industrial development will approach and depart the site were estimated based on existing travel patterns, as determined from the traffic counts. **Figure 5** illustrates the directional distribution of the development-generated traffic.

Estimated Development Traffic Generation

The estimates of traffic to be generated by the development are based upon the proposed land use type and size. The volume of traffic generated for the proposed warehouse development was estimated using data published in the Institute of Transportation Engineers (ITE) *Trip Generation Manual*, 10th Edition for land use code 150 (Warehousing). It should be noted that approximately 20 percent of trips generated by warehouse developments during the peak hours are truck trips. **Table 1** tabulates the vehicle trips anticipated for this development for the weekday morning and weekday evening peak hours.

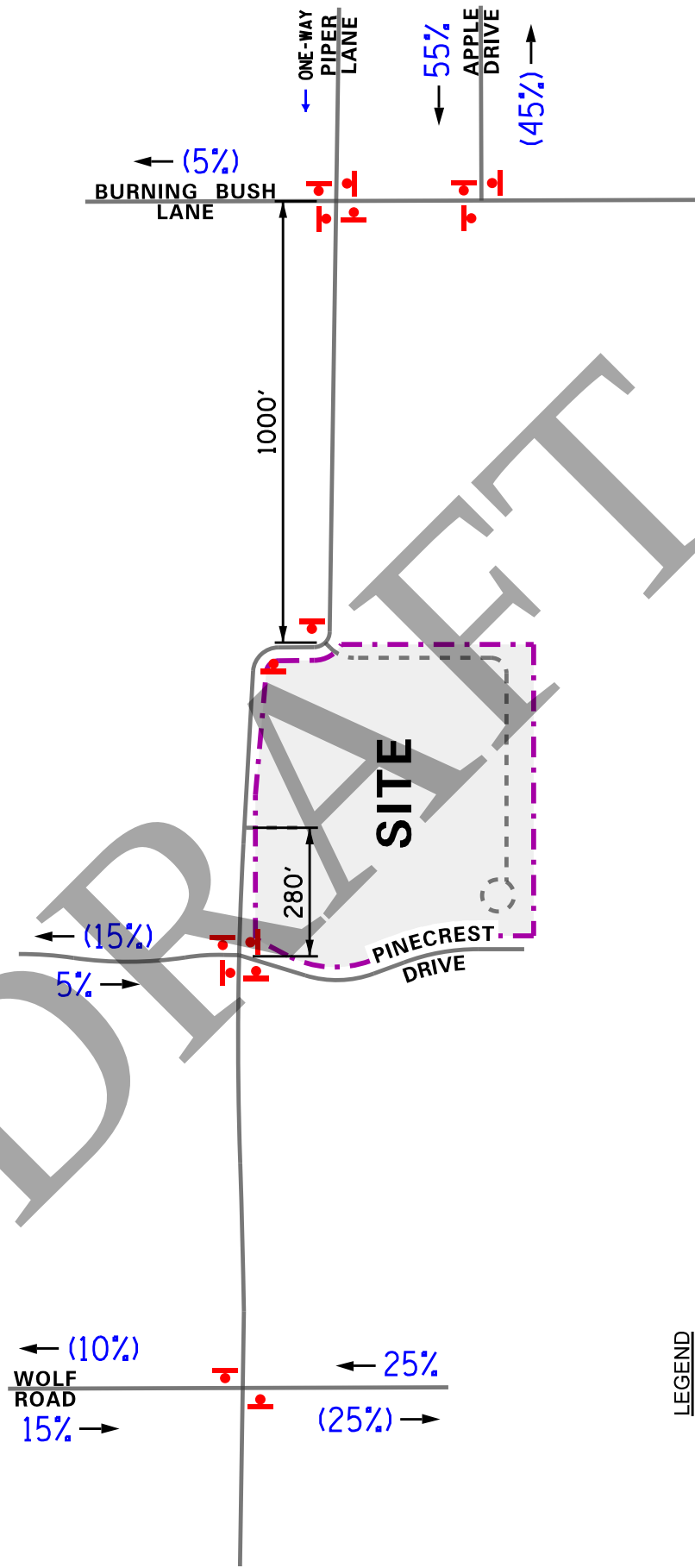
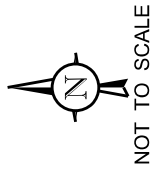


Table 1
PROJECTED SITE-GENERATED TRAFFIC VOLUMES

Land-Use & Code	Size	Weekday Morning Peak Hour			Weekday Evening Peak Hour			Daily Two-Way Traffic
		In	Out	Total	In	Out	Total	
Warehousing (150)	150,000 s.f.	33	10	43	12	34	46	282
Passenger Vehicle Trips (80%)		26	8	34	10	27	37	226
Trucks Trips (20%)		7	2	9	2	7	9	56

4. Projected Traffic Conditions

The total projected traffic volumes include the existing traffic volumes, increase in background traffic due to growth, and the traffic estimated to be generated by the proposed subject development.

Development Traffic Assignment

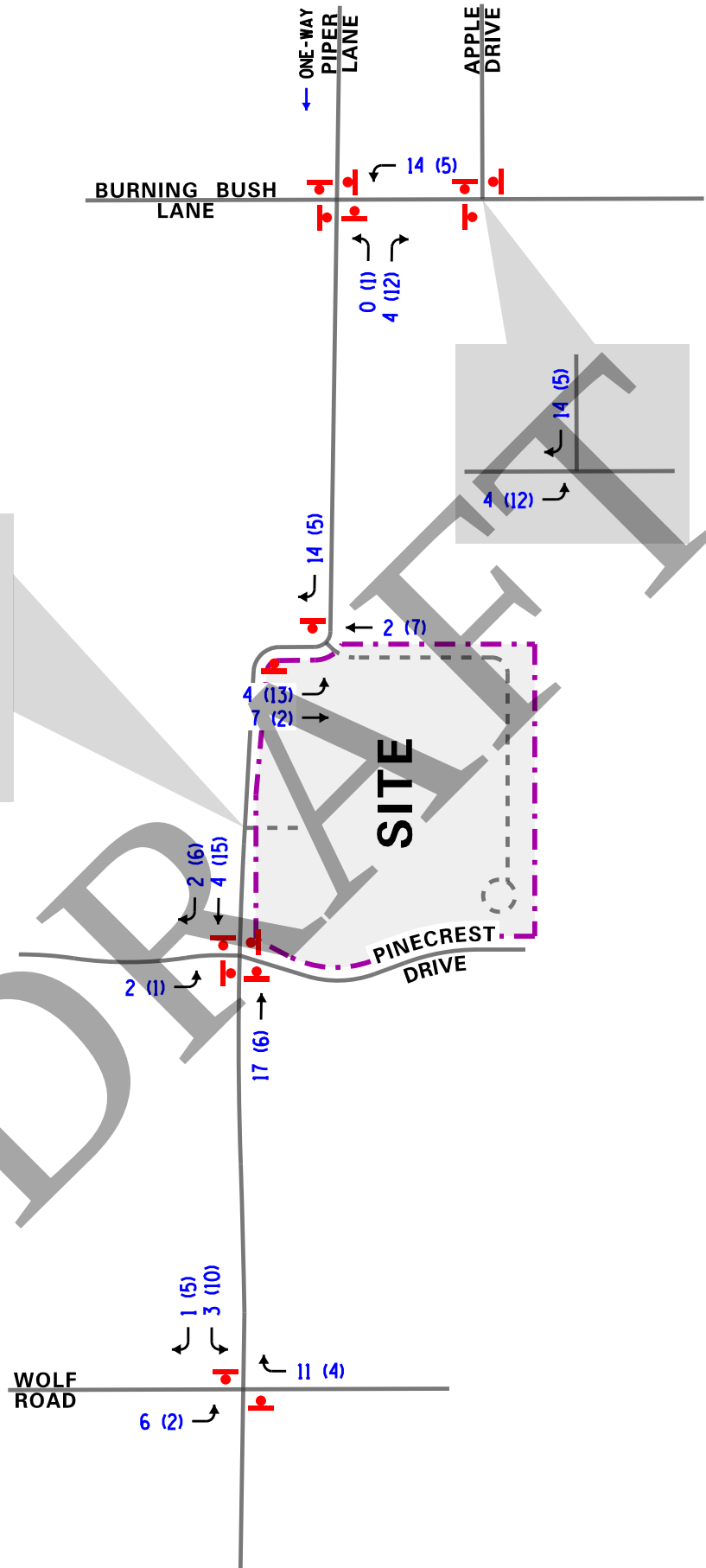
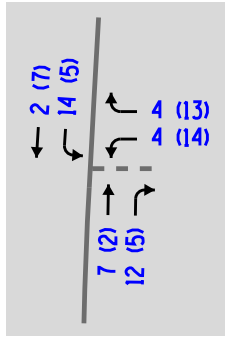
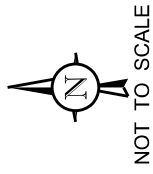
The estimated weekday morning and weekday evening peak hour traffic volumes that will be generated by the proposed development were assigned to the roadway system in accordance with the previously described directional distribution (Figure 5). As previously indicated, there is a weight limit restriction on Piper Lane between the proposed truck access drive and Burning Bush Lane. As such all of the truck traffic was assigned to the roadway network to/from the west on Piper Lane. The total new traffic assignment for the development is illustrated in **Figure 6**.

Background Traffic Conditions

The existing traffic volumes (Figure 4) were increased by a regional growth factor to account for the increase in existing traffic related to regional growth in the area (i.e., not attributable to any particular planned development). Based on ADT projections provided by the Chicago Metropolitan Agency for Planning (CMAP) in a letter dated December 19, 2018, the existing traffic volumes are projected to increase by a compound annual growth rate of approximately one-half percent per year for six years (buildout year plus five years). As such the existing traffic volumes were increased by a total of approximately three percent to project Year 2024 conditions. A copy of the CMAP 2040 projections letter is included in the Appendix.

Total Projected Traffic Volumes

The development-generated traffic was added to the existing traffic volumes accounting for background growth to determine the Year 2024 total projected traffic volumes, as illustrated in **Figure 7**.

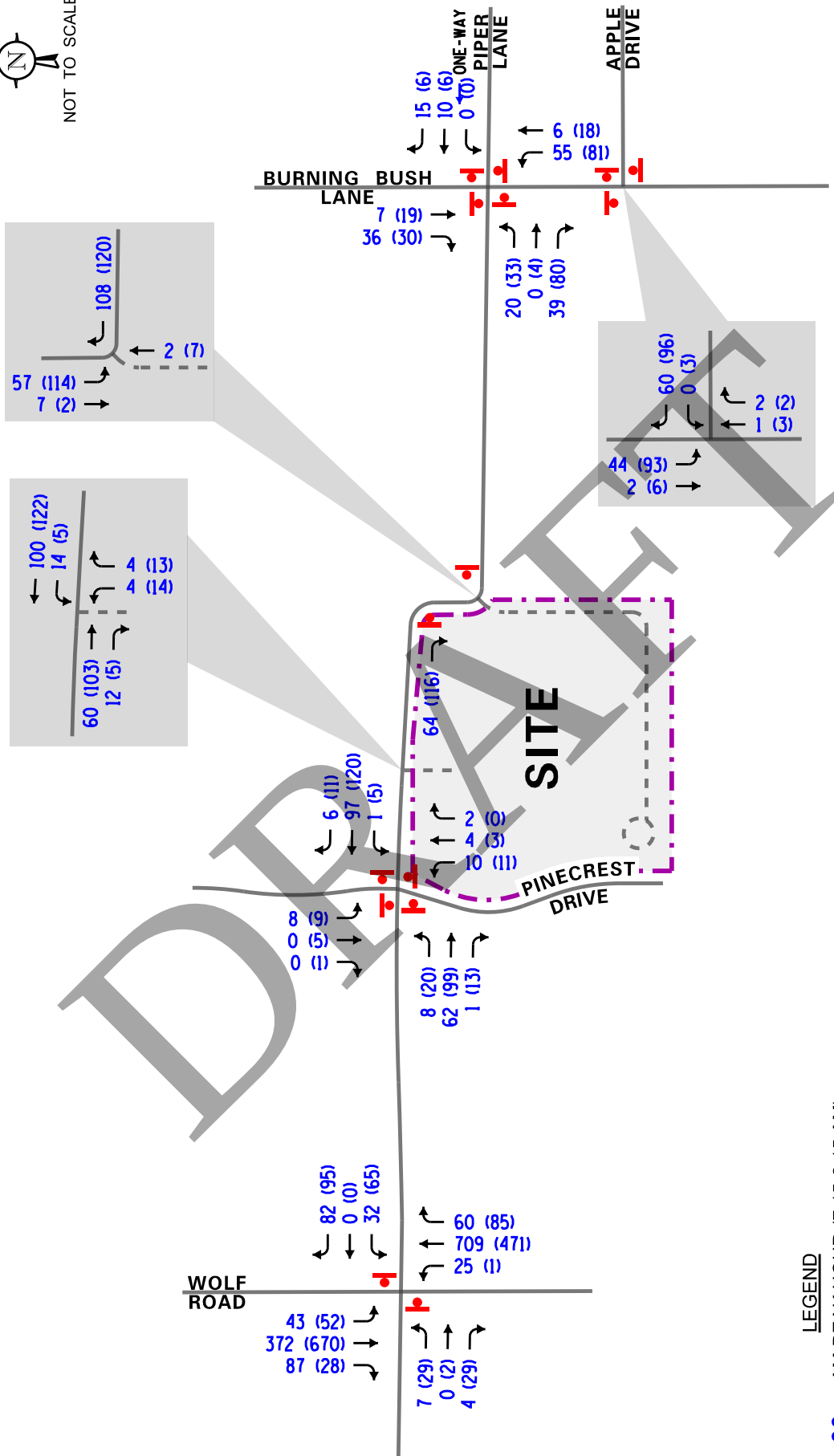
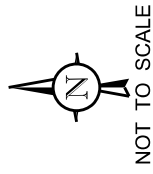


LEGEND

- 00 - AM PEAK HOUR (7:15-8:15 AM)
- (00) - PM PEAK HOUR (3:30-4:30 PM)

Industrial
Development
Prospect Heights, Illinois

Estimated Site-Generated Traffic Volumes



Total Projected Traffic Volumes

Industrial
Development
Prospect Heights, Illinois

5. Traffic Analysis and Recommendations

The following provides an evaluation conducted for the weekday morning and weekday evening peak hours. The analysis includes conducting capacity analyses to determine how well the roadway system and access drives are projected to operate and whether any roadway improvements or modification are required.

Traffic Analyses

Roadway and adjacent or nearby intersection analyses were performed for the weekday morning and weekday evening peak hours for the existing (Year 2018) and future projected (Year 2024) traffic volumes.

The traffic analyses were performed using the methodologies outlined in the Transportation Research Board's *Highway Capacity Manual (HCM)*, 6th Edition and analyzed using the Synchro/SimTraffic 10 computer software.

The analyses for the unsignalized intersections determine the average control delay to vehicles at an intersection. Control delay is the elapsed time from a vehicle joining the queue at a stop sign (includes the time required to decelerate to a stop) until its departure from the stop sign and resumption of free flow speed. The methodology analyzes each intersection approach controlled by a stop sign and considers traffic volumes on all approaches and lane characteristics.

The ability of an intersection to accommodate traffic flow is expressed in terms of level of service, which is assigned a letter from A to F based on the average control delay experienced by vehicles passing through the intersection. The *Highway Capacity Manual* definitions for levels of service and the corresponding control delay for signalized intersections and unsignalized intersections are included in the Appendix of this report.

Summaries of the traffic analysis results showing the level of service and overall intersection delay (measured in seconds) for the existing and Year 2024 total projected conditions are presented in **Tables 2** through **3**, respectively. A discussion of the intersections follows. Summary sheets for the capacity analyses are included in the Appendix.

Table 2
CAPACITY ANALYSIS RESULTS – EXISTING CONDITIONS

Intersection	Weekday Morning Peak Hour		Weekday Evening Peak Hour	
	LOS	Delay	LOS	Delay
Piper Lane with Pinecrest Drive¹				
• Overall	A	7.6	A	7.9
• Eastbound Approach	A	7.7	A	8.0
• Westbound Approach	A	7.6	A	7.8
• Northbound Approach	A	7.6	A	7.8
• Southbound Approach	A	8.1	A	7.9
Piper Lane with Wolf Road²				
• Eastbound Approach	E	37.5	E	39.0
• Westbound Approach	D	25.1	E	37.6
• Northbound Left Turns	A	8.4	A	9.1
• Southbound Left Turns	B	10.0	A	9.2
Piper Lane with Burning Bush Lane¹				
• Overall	A	7.4	A	8.0
• Eastbound Approach	A	7.8	A	8.1
• Westbound Approach	A	7.3	A	7.2
• Northbound Approach	A	7.7	A	8.2
• Southbound Approach	A	6.8	A	7.4
Burning Bush Lane with Apple Drive¹				
• Overall	A	6.7	A	7.9
• Westbound Approach	A	6.6	A	7.7
• Northbound Approach	A	6.7	A	7.6
• Southbound Approach	A	7.8	A	8.2
Piper Lane at Curve				
• Eastbound Approach	A	7.6	A	7.9
• Westbound Approach	A	7.9	A	7.7
LOS = Level of Service 1 – All-way stop sign control Delay is measured in seconds. 2 – Two-way stop sign control				

Table 3

CAPACITY ANALYSIS RESULTS - YEAR 2024 PROJECTED TRAFFIC CONDITIONS

Intersection	Weekday Morning Peak Hour		Weekday Evening Peak Hour	
	LOS	Delay	LOS	Delay
Piper Lane with Pinecrest Drive¹				
• Overall	A	7.8	A	8.0
• Eastbound Approach	A	7.8	A	8.1
• Westbound Approach	A	7.7	A	8.0
• Northbound Approach	A	7.7	A	7.9
• Southbound Approach	A	8.2	A	8.0
Piper Lane with Wolf Road²				
• Eastbound Approach	E	42.1	E	44.6
• Westbound Approach	D	29.4	F	53.7
• Northbound Left Turns	A	8.4	A	9.2
• Southbound Left Turns	B	10.2	A	9.3
Piper Lane with Burning Bush Lane¹				
• Overall	A	7.6	A	8.1
• Eastbound Approach	A	7.9	A	8.3
• Westbound Approach	A	7.3	A	7.3
• Northbound Approach	A	7.8	A	8.3
• Southbound Approach	A	6.9	A	7.4
Burning Bush Lane with Apple Drive¹				
• Overall	A	7.2	A	8.1
• Westbound Approach	A	6.7	A	7.8
• Northbound Approach	A	6.7	A	7.6
• Southbound Approach	A	7.9	A	8.4
Piper Lane with Proposed Passenger Vehicle Access Drive²				
• Northbound Approach	A	9.1	A	9.5
• Westbound Left Turns	A	7.4	A	7.4
Piper Lane with Proposed Truck Access Drive¹				
• Overall	A	7.8	A	8.0
• Eastbound Approach	A	7.7	A	8.1
• Westbound Approach	A	9.2	A	7.8
• Northbound Approach	A	7.9	A	9.4
LOS = Level of Service 1 – All-way stop sign control Delay is measured in seconds. 2 – Two-way stop sign control				

Discussion and Recommendations

The following summarizes how the intersections are projected to operate and identify any roadway and traffic control improvements to accommodate the development traffic.

Piper Lane with Pinecrest Drive

The results of the capacity analysis indicate that this intersection overall and all of the approaches currently operates at level of service (LOS) A during the weekday morning and weekday evening peak hours. Under Year 2024 conditions, this intersection overall and all of the approaches are projected to continue operating at LOS A during the peak hours with increases in delay of less than one second. As such, this intersection has sufficient reserve capacity to accommodate the traffic projected to be generated by the proposed development and no roadway or traffic control improvements will be required.

Piper Lane with Wolf Road

The results of the capacity analysis indicate that the eastbound approach currently operates at LOS E during the weekday morning and evening peak hour. The westbound approach currently operates at LOS D during the weekday morning peak hour and at LOS E during the weekday evening peak hour. Under Year 2024 conditions, the eastbound approach is projected to continue operating at LOS E during the weekday morning and weekday evening peak hours with increases in delay of approximately five and six, seconds respectively. The westbound approach is projected to continue operating at LOS D during the weekday morning peak hour with increases in delay of approximately four seconds and is projected to operate at LOS F during the weekday evening peak hour. However, this level of service is expected for a local roadway which has an unsignalized intersection with a major roadway such as Wolf Road. Additionally, this level of service is a result of the existing westbound left-turning movements onto Wolf Road which currently operate at LOS F during the weekday evening peak hour. The 95th percentile queues for the westbound left-turning movements are projected to be approximately 100 feet which can be accommodated within the existing left-turn lane storage provided. Furthermore, northbound and southbound left-turning movements from Wolf Road onto Piper Lane are projected to continue operating at LOS B or better during the peak hours. With 95th percentile queues of one to two vehicles. As such, this intersection has sufficient reserve capacity to accommodate the traffic projected to be generated by the proposed development and no roadway or traffic control improvements will be required.

Piper Lane with Burning Bush Lane

The results of the capacity analysis indicate that this intersection overall and all of the approaches currently operates at level of service (LOS) A during the weekday morning and weekday evening peak hours. Under Year 2024 conditions, this intersection overall and all of the approaches are projected to continue operating at LOS A during the peak hours with increases in delay of less than one second. As such, this intersection has sufficient reserve capacity to accommodate the traffic projected to be generated by the proposed development and no roadway or traffic control improvements will be required.

Burning Bush Lane with Apple Drive

The results of the capacity analysis indicate that this intersection overall and all of the approaches currently operates at level of service (LOS) A during the weekday morning and weekday evening peak hours. Under Year 2024 conditions, this intersection overall and all of the approaches are projected to continue operating at LOS A during the peak hours with increases in delay of less than one second. As such, this intersection has sufficient reserve capacity to accommodate the traffic projected to be generated by the proposed development and no roadway or traffic control improvements will be required.

Piper Lane with Proposed Development Access

The results of the capacity analyses indicate that outbound movements from the passenger vehicle access drive onto Piper Lane are projected to operate at LOS A during the weekday morning and weekday evening peak hours. Additionally, westbound left-turning movements from Piper Lane onto the passenger vehicle access drive are projected to operate at LOS A during both peak hours with 95th percentile queues of one to two vehicles. As such, this access drive will be adequate in accommodating the passenger vehicle traffic projected to be generated by the proposed development and will ensure efficient access is provided.

As previously indicated, Piper Lane is under stop-sign control in the eastbound and westbound directions at the location of the “s” curve located approximately 675 feet east of Pinecrest Drive. The location of the proposed truck access drive will create a new intersection between the existing stop signs, and the resulting roadway segment will operate as an offset, all-way stop-sign controlled intersection.

Under Year 2024 conditions, this intersection is projected to operate at LOS A during the weekday morning and weekday evening peak hours with 95th percentile queues of one to two vehicles. As previously indicated, this access drive will only serve the truck bays located on the south side of the building and as such, is projected to generate only seven outbound trips during the weekday evening peak hour. This equates to one truck approximately every eight to nine minutes. Therefore, the roadway segment with the existing “s” curve is projected to generally operate as it does under existing conditions.

In order to ensure efficient access is provided to the truck loading bays, adequate site lines should be maintained between the proposed truck access drive and the eastbound stop-sign along Piper Lane. Additionally, the existing weight limit sign located beneath the existing eastbound stop-sign on Piper Lane should be relocated to east of the proposed truck access drive.

6. Conclusion

Based on the preceding analyses and recommendations, the following conclusions have been made:

- The volume of traffic estimated to be generated by the proposed development will be low and can be adequately accommodated by the existing roadway network.
- The passenger vehicle access drive will be adequate in accommodating the traffic projected to be generated by the proposed development
- The traffic generated by the truck bays will be low and be accommodated via the proposed truck access drive that will be located within the influence of the existing “s” curve along Piper Lane. However, consideration should be given to the following:
 - Ensure adequate sight lines are provided for exiting trucks to the existing stop-signs that are located in the eastbound and westbound directions on Piper Lane at the entrance to both sides of the “s” curve.
 - The existing weight limit restriction sign located beneath the eastbound stop-sign along Piper Lane at the “s” curve should be relocated to the east of the proposed truck access drive.

Appendix

Traffic Count Summary Sheets

Site Plan

CMAP 2040 Projections Letter

Level of Service Criteria

Capacity Analysis Summary Sheets

Traffic Count Summary Sheets



Kenig Lindgren O'Hara Aboona, Inc.
9575 W. Higgins Rd., Suite 400

Rosemont, Illinois, United States 60018
(847)518-9990

Count Name: Piper Lane with Pinecrest Drive
Site Code:
Start Date: 12/04/2018
Page No: 1

Turning Movement Data

Start Time	Piper Lane Eastbound					App. Total	Piper Lane Westbound					Pinecrest Drive Northbound					Pinecrest Drive Southbound					Int. Total				
	U-Turn	Left	Thru	Right	Peds		U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru		Right	Peds	App. Total	
6:00 AM	0	1	8	0	0	9	0	0	10	2	0	12	0	0	1	0	0	0	1	0	2	0	0	2	24	
6:15 AM	0	0	9	0	0	9	0	0	24	0	0	24	0	3	0	0	0	0	3	0	3	0	0	3	39	
6:30 AM	0	5	3	0	0	8	0	0	27	1	0	28	0	0	4	0	0	0	4	0	2	0	0	2	42	
6:45 AM	0	3	10	2	0	15	0	0	34	3	0	37	0	2	2	0	0	0	4	0	2	1	0	3	59	
Hourly Total	0	9	30	2	0	41	0	0	95	6	0	101	0	5	7	0	0	0	12	0	9	1	0	10	164	
7:00 AM	0	4	9	1	0	14	0	0	9	1	0	10	0	5	0	1	0	0	6	0	2	0	0	2	32	
7:15 AM	0	3	14	0	0	17	0	0	20	0	0	20	0	3	1	0	0	0	4	0	0	0	0	0	41	
7:30 AM	0	0	9	0	0	9	0	0	28	3	0	31	0	1	0	0	0	0	1	0	1	0	0	1	42	
7:45 AM	0	2	11	0	0	13	0	0	27	1	0	28	0	4	2	2	0	0	8	0	2	0	0	2	51	
Hourly Total	0	9	43	1	0	53	0	0	84	5	0	89	0	13	3	3	0	0	19	0	5	0	0	5	166	
8:00 AM	0	3	10	1	0	14	0	1	15	0	0	16	0	2	1	0	0	0	3	0	3	0	0	3	36	
8:15 AM	0	2	16	2	0	20	0	0	19	0	0	19	0	4	2	0	0	0	6	0	3	1	1	0	50	
8:30 AM	0	1	8	2	0	11	0	0	13	0	0	13	0	5	2	1	1	0	8	0	1	0	1	2	34	
8:45 AM	0	5	9	1	0	15	0	0	22	1	0	23	0	3	0	0	0	1	3	1	0	0	3	0	45	
Hourly Total	0	11	43	6	0	60	0	1	69	1	0	71	0	14	5	1	2	0	20	1	7	1	5	0	14	165
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3:00 PM	1	3	8	1	0	13	0	1	18	0	0	19	0	3	0	0	0	0	3	0	2	1	0	0	3	38
3:15 PM	0	0	13	0	0	13	0	0	18	1	0	19	0	2	0	1	0	0	3	0	1	0	0	1	36	
3:30 PM	0	10	31	3	0	44	0	2	23	1	0	26	0	3	0	0	0	0	3	0	1	1	1	0	3	76
3:45 PM	0	3	28	2	0	33	0	1	30	4	0	35	0	2	1	0	0	0	3	0	5	3	0	0	8	79
Hourly Total	1	16	80	6	0	103	0	4	89	6	0	99	0	10	1	1	0	0	12	0	9	5	1	0	15	229
4:00 PM	0	3	14	6	0	23	0	1	24	0	0	25	0	0	0	0	0	0	0	0	1	0	0	0	1	49
4:15 PM	0	3	17	2	0	22	0	1	25	0	0	26	0	6	2	0	0	0	8	0	1	1	0	0	2	58
4:30 PM	0	8	9	2	0	19	0	1	22	1	0	24	0	2	0	0	0	0	2	0	7	0	0	0	7	52
4:45 PM	0	5	11	3	0	19	0	0	24	1	0	25	0	1	0	0	0	0	1	0	1	1	0	0	2	47
Hourly Total	0	19	51	13	0	83	0	3	95	2	0	100	0	9	2	0	0	0	11	0	10	2	0	0	12	206
5:00 PM	0	5	18	0	0	23	0	1	27	1	0	29	0	1	1	0	0	0	2	0	4	0	0	0	4	58
5:15 PM	0	0	9	5	0	14	0	1	25	0	0	26	0	2	0	1	0	0	3	0	0	1	0	0	1	44
5:30 PM	0	2	11	3	0	16	0	2	23	6	0	31	0	2	0	1	0	0	3	0	1	1	0	0	2	52
5:45 PM	0	0	12	3	0	15	0	0	21	2	0	23	0	0	1	0	0	0	1	0	2	0	1	0	3	42
Hourly Total	0	7	50	11	0	68	0	4	96	9	0	109	0	5	2	2	0	0	9	0	7	2	1	0	10	196
Grand Total	1	71	297	39	0	408	0	12	528	29	0	569	0	56	20	7	2	0	83	1	47	11	7	0	66	1126
Approach %	0.2	17.4	72.8	9.6	-	-	0.0	2.1	92.8	5.1	-	-	0.0	67.5	24.1	8.4	-	-	-	1.5	71.2	16.7	10.6	-	-	-
Total %	0.1	6.3	26.4	3.5	-	36.2	0.0	1.1	46.9	2.6	-	50.5	0.0	5.0	1.8	0.6	-	7.4	0.1	4.2	1.0	0.6	-	-	5.9	-
Lights	1	68	241	39	-	349	0	12	508	28	-	548	0	55	20	7	-	82	1	43	10	5	-	-	59	1038
% Lights	100.0	95.8	81.1	100.0	-	85.5	-	100.0	96.2	96.6	-	96.3	-	98.2	100.0	100.0	-	98.8	100.0	91.5	90.9	71.4	-	-	89.4	92.2
Buses	0	2	50	0	-	52	0	0	14	0	-	14	0	0	0	0	-	0	0	4	0	0	0	-	4	70

% Buses	0.0	2.8	16.8	0.0	-	12.7	-	0.0	2.7	0.0	-	2.5	-	0.0	0.0	0.0	0.0	0.0	0.0	8.5	0.0	0.0	-	6.1	6.2
Single-Unit Trucks	0	1	5	0	-	6	0	0	6	1	-	7	0	1	0	0	0	1	0	0	0	1	0	1	15
% Single-Unit Trucks	0.0	1.4	1.7	0.0	-	1.5	-	0.0	1.1	3.4	-	1.2	-	1.8	0.0	0.0	-	1.2	0.0	0.0	9.1	0.0	-	1.5	1.3
Articulated Trucks	0	0	1	0	-	1	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	2	-	2	3
% Articulated Trucks	0.0	0.0	0.3	0.0	-	0.2	-	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	28.6	-	3.0	0.3
Bicycles on Road	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles on Road	0.0	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
Pedestrians	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	-	2	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100.0	-	-	-	-	-	-	-

Rosemont, Illinois, United States 60018
(847)518-9990

Turning Movement Peak Hour Data (7:15 AM)

[illegible]

Rosemont, Illinois, United States 60018
(847)518-9990

Turning Movement Peak Hour Data (3:30 PM)

[illegible]



Kenig Lindgren O'Hara Aboona, Inc.
9575 W. Higgins Rd., Suite 400

Rosemont, Illinois, United States 60018
(847)518-9990

Count Name: Piper Lane with Wolf Road
Site Code:
Start Date: 12/04/2018
Page No: 1

Turning Movement Data

Start Time	Piper Lane Eastbound					App. Total	Piper Lane Westbound					Wolf Road Northbound					Wolf Road Southbound					App. Total	Int. Total		
	U-Turn	Left	Thru	Right	Peds		U-Turn	Left	Thru	Right	Peds	U-Turn	Left	Thru	Right	Peds	U-Turn	Left	Thru	Right	Peds				
6:00 AM	0	6	0	0	0	6	0	1	0	10	0	11	0	0	79	2	0	81	0	6	41	3	0	50	148
6:15 AM	0	2	0	1	0	3	0	8	0	18	0	26	0	1	99	6	0	106	0	3	51	8	0	62	197
6:30 AM	0	1	0	0	0	1	0	5	0	25	0	30	0	4	114	3	0	121	0	2	48	17	0	67	219
6:45 AM	0	2	1	0	0	3	0	7	1	24	0	32	0	7	163	9	0	179	0	7	73	14	0	94	308
Hourly Total	0	11	1	1	0	13	0	21	1	77	0	99	0	12	455	20	0	487	0	18	213	42	0	273	872
7:00 AM	0	0	0	1	0	1	0	5	0	12	0	17	0	5	154	13	0	172	0	5	73	16	0	94	284
7:15 AM	0	2	0	1	1	3	0	5	0	21	1	26	0	4	179	13	0	196	0	8	83	17	0	108	333
7:30 AM	0	3	0	1	0	4	0	7	0	21	0	28	0	6	178	6	0	190	0	11	80	24	1	115	337
7:45 AM	0	0	0	1	0	1	0	10	0	25	0	35	0	10	179	14	0	203	0	9	95	24	0	128	367
Hourly Total	0	5	0	4	1	9	0	27	0	79	1	106	0	25	690	46	0	761	0	33	331	81	1	445	1321
8:00 AM	0	2	0	1	0	3	0	6	0	12	0	18	0	4	152	15	0	171	0	8	103	19	0	130	322
8:15 AM	0	0	1	1	0	2	0	2	0	20	0	22	0	8	109	7	0	124	0	13	91	17	0	121	269
8:30 AM	0	0	1	2	0	3	0	8	0	12	0	20	0	6	174	8	0	188	0	9	67	16	0	92	303
8:45 AM	0	3	0	0	0	3	0	8	0	18	0	26	0	6	181	6	0	193	0	9	126	23	0	158	380
Hourly Total	0	5	2	4	0	11	0	24	0	62	0	86	0	24	616	36	0	676	0	39	387	75	0	501	1274
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3:00 PM	0	4	0	2	0	6	0	8	2	18	0	28	1	1	111	13	0	126	0	3	106	13	0	122	282
3:15 PM	0	3	0	3	0	6	0	9	0	18	0	27	0	1	103	7	0	111	0	6	114	7	0	127	271
3:30 PM	0	7	1	9	0	17	0	9	0	19	0	28	0	1	136	32	0	169	0	14	161	6	0	181	395
3:45 PM	0	12	0	9	0	21	0	20	0	24	0	44	0	0	114	16	0	130	0	12	171	6	0	189	384
Hourly Total	0	26	1	23	0	50	0	46	2	79	0	127	1	3	464	68	0	536	0	35	552	32	0	619	1332
4:00 PM	0	2	1	6	0	9	0	11	0	23	0	34	0	0	103	17	0	120	0	11	147	8	0	166	329
4:15 PM	0	7	0	4	0	11	0	13	0	21	0	34	0	0	104	14	0	118	0	12	171	7	0	190	353
4:30 PM	0	8	1	11	0	20	0	11	0	25	0	36	0	1	101	15	0	117	0	5	240	8	0	253	426
4:45 PM	0	2	1	9	0	12	0	8	0	22	0	30	0	0	110	13	0	123	0	7	187	5	0	199	364
Hourly Total	0	19	3	30	0	52	0	43	0	91	0	134	0	1	418	59	0	478	0	35	745	28	0	808	1472
5:00 PM	0	3	0	21	0	24	0	13	0	19	0	32	0	3	103	16	0	122	1	7	203	9	0	220	398
5:15 PM	0	5	0	13	0	18	0	13	0	22	0	35	0	0	96	3	0	99	0	10	204	8	0	222	374
5:30 PM	0	8	1	5	0	14	0	9	0	17	0	26	0	2	106	12	0	120	0	5	223	10	0	238	398
5:45 PM	0	4	0	6	0	10	0	5	0	19	0	24	0	7	99	11	0	117	0	4	192	10	0	206	357
Hourly Total	0	20	1	45	0	66	0	40	0	77	0	117	0	12	404	42	0	458	1	26	822	37	0	886	1527
Grand Total	0	86	8	107	1	201	0	201	3	465	1	669	1	77	3047	271	0	3396	1	186	3050	295	1	3532	7798
Approach %	0.0	42.8	4.0	53.2	-	-	0.0	30.0	0.4	69.5	-	-	0.0	2.3	89.7	8.0	-	-	0.0	5.3	86.4	8.4	-	-	-
Total %	0.0	1.1	0.1	1.4	-	2.6	0.0	2.6	0.0	6.0	-	8.6	0.0	1.0	39.1	3.5	-	43.5	0.0	2.4	39.1	3.8	-	45.3	-
Lights	0	84	8	100	-	192	0	191	3	453	-	647	1	74	2876	238	-	3189	1	160	2858	286	-	3305	7333
% Lights	-	97.7	100.0	93.5	-	95.5	-	95.0	100.0	97.4	-	96.7	100.0	96.1	94.4	87.8	-	93.9	100.0	86.0	93.7	96.9	-	93.6	94.0
Buses	0	0	0	0	-	0	0	6	0	4	-	10	0	0	70	28	-	98	0	23	64	0	-	87	195

% Buses	-	0.0	0.0	0.0	-	0.0	-	0.9	-	1.5	0.0	0.0	2.3	10.3	-	2.9		0.0	12.4	2.1	0.0	-	2.5	2.5
Single-Unit Trucks	0	2	0	5	-	7	0	4	0	8	0	3	59	5	-	67		0	2	81	8	-	91	177
% Single-Unit Trucks	-	2.3	0.0	4.7	-	3.5	-	2.0	0.0	1.7	-	0.0	3.9	1.9	1.8	2.0		0.0	1.1	2.7	2.7	-	2.6	2.3
Articulated Trucks	0	0	0	2	-	2	0	0	0	0	-	0	0	42	0	42		0	1	47	1	-	49	93
% Articulated Trucks	-	0.0	0.0	1.9	-	1.0	-	0.0	0.0	0.0	-	0.0	0.0	1.4	0.0	1.2		0.0	0.5	1.5	0.3	-	1.4	1.2
Bicycles on Road	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0		0	0	0	0	-	0	0
% Bicycles on Road	-	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	-	0.0	0.0
Pedestrians	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	0		-	-	-	-	1	-	-
% Pedestrians	-	-	-	-	100.0	-	-	-	-	100.0	-	-	-	-	-	-		-	-	-	-	-	100.0	-

DRAFT

Rosemont, Illinois, United States 60018
(847)518-9990

Turning Movement Peak Hour Data (7:15 AM)

[illegible]

Rosemont, Illinois, United States 60018
(847)518-9990

Turning Movement Peak Hour Data (3:30 PM)

Turning Movement Peak Hour Data (3:30 PM)													
Piper Lane							Wolf Road						
Westbound							Northbound						
App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	
17	0	9	0	19	0	28	0	1	136	32	0	169	
21	0	20	0	24	0	44	0	0	114	16	0	130	
9	0	11	0	23	0	34	0	0	103	17	0	120	
11	0	13	0	21	0	34	0	0	104	14	0	118	
58	0	53	0	87	0	140	0	1	457	79	0	537	
-	0.0	37.9	0.0	62.1	-	-	0.0	0.2	85.1	14.7	-	-	
4.0	0.0	3.6	0.0	6.0	-	9.6	0.0	0.1	31.3	5.4	-	36.8	
0.690	0.000	0.663	0.000	0.906	-	0.795	0.000	0.250	0.840	0.617	-	0.794	
56	0	50	0	83	-	133	0	1	414	71	-	486	
96.6	-	94.3	-	95.4	-	95.0	-	100.0	90.6	89.9	-	90.5	
0	0	2	0	3	-	5	0	0	26	8	-	34	
0.0	-	3.8	-	3.4	-	3.6	-	0.0	5.7	10.1	-	6.3	
2	0	1	0	1	-	2	0	0	10	0	-	10	
3.4	-	1.9	-	1.1	-	1.4	-	0.0	2.2	0.0	-	1.9	
0	0	0	0	0	-	0	0	0	7	0	-	7	
0.0	-	0.0	-	0.0	-	0.0	-	0.0	1.5	0.0	-	1.3	
0	0	0	0	0	-	0	0	0	0	0	-	0	
0.0	-	0.0	-	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	
-	-	-	-	-	0	-	-	-	-	-	0	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	



Kenig Lindgren O'Hara Aboona, Inc.
9575 W. Higgins Rd., Suite 400

Rosemont, Illinois, United States 60018
(847)518-9990

Count Name: Piper Lane with Burning Bush Lane
Site Code:
Start Date: 12/04/2018
Page No: 1

Turning Movement Data

Start Time	Piper Lane Eastbound					App. Total	Piper Lane Westbound					Burning Bush Lane Northbound					Burning Bush Lane Southbound					Int. Total		
	U-Turn	Left	Thru	Right	Peds		U-Turn	Left	Thru	Right	Peds	U-Turn	Left	Thru	Right	Peds	U-Turn	Left	Thru	Right	Peds		App. Total	
6:00 AM	0	3	0	4	0	7	0	0	4	0	0	4	0	7	0	0	0	1	1	1	2	20		
6:15 AM	0	5	0	6	0	11	0	0	1	3	1	4	0	7	2	0	3	9	0	0	10	34		
6:30 AM	0	4	0	4	0	8	0	0	2	4	0	6	0	12	0	0	0	12	1	9	2	37		
6:45 AM	0	8	0	5	0	13	0	0	3	4	0	7	0	10	1	0	0	11	0	5	14	50		
Hourly Total	0	20	0	19	0	39	0	0	10	11	1	21	0	36	3	0	3	39	0	1	8	33	141	
7:00 AM	0	2	0	5	0	7	0	0	0	1	0	1	0	7	1	0	0	8	0	0	4	1	4	
7:15 AM	0	8	0	7	12	15	0	0	2	5	2	7	0	11	1	0	29	12	0	0	9	11	9	
7:30 AM	0	4	0	7	0	11	0	0	2	4	0	6	0	10	2	0	0	12	0	2	15	1	17	
7:45 AM	0	5	0	10	7	15	0	0	3	2	0	5	0	11	2	0	0	13	0	3	7	0	10	
Hourly Total	0	19	0	29	19	48	0	0	7	12	2	19	0	39	6	0	29	45	0	0	5	35	13	40
8:00 AM	0	2	0	10	4	12	0	0	3	4	0	7	0	6	1	0	0	7	0	0	2	4	0	6
8:15 AM	0	4	0	12	8	16	0	0	1	3	1	4	0	6	1	0	1	7	0	0	3	10	0	13
8:30 AM	0	2	0	8	0	10	0	0	1	5	0	6	0	9	2	0	0	11	0	0	2	2	2	4
8:45 AM	0	4	0	5	0	9	0	0	4	3	0	7	0	12	0	0	0	12	0	0	1	4	0	5
Hourly Total	0	12	0	35	12	47	0	0	9	15	1	24	0	33	4	0	1	37	0	0	8	20	2	28
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3:00 PM	0	4	0	6	0	10	0	0	1	1	0	2	0	12	3	0	1	15	0	0	1	6	0	7
3:15 PM	0	0	0	9	0	9	0	0	0	1	0	1	0	12	1	0	0	13	0	0	3	6	0	9
3:30 PM	0	6	3	19	0	28	0	0	0	1	3	1	0	22	3	0	0	25	0	0	3	9	22	12
3:45 PM	0	12	0	22	1	34	0	0	0	2	7	2	0	21	4	0	28	25	0	0	4	10	3	14
Hourly Total	0	22	3	56	1	81	0	0	1	5	10	6	0	67	11	0	29	78	0	0	11	31	25	42
4:00 PM	0	5	0	13	26	18	0	0	5	1	0	6	0	17	4	0	0	21	0	0	4	5	0	9
4:15 PM	0	8	1	12	0	21	0	0	1	2	0	3	0	14	6	0	0	20	0	0	6	5	1	11
4:30 PM	0	6	0	9	0	15	0	0	2	6	1	8	0	14	3	1	1	18	0	0	2	5	0	7
4:45 PM	0	3	0	13	0	16	0	0	3	1	0	4	0	15	3	0	6	18	0	0	4	6	0	10
Hourly Total	0	22	1	47	26	70	0	0	11	10	1	21	0	60	16	1	7	77	0	0	16	21	1	37
5:00 PM	1	4	0	7	0	12	0	0	1	2	0	3	0	15	2	0	2	17	0	0	1	13	1	14
5:15 PM	0	3	1	8	1	12	0	0	1	2	0	3	0	11	2	0	0	13	0	0	0	8	0	8
5:30 PM	0	8	0	10	0	18	0	0	1	0	0	1	0	24	5	0	3	29	0	0	1	8	0	9
5:45 PM	0	3	0	9	0	12	0	0	2	1	0	3	0	12	6	0	3	18	0	0	1	12	0	13
Hourly Total	1	18	1	34	1	54	0	0	5	5	0	10	0	62	15	0	8	77	0	0	3	41	1	44
Grand Total	1	113	5	220	59	339	0	0	43	58	15	101	0	297	55	1	77	353	0	1	51	181	45	233
Approach %	0.3	33.3	1.5	64.9	-	-	0.0	0.0	42.6	57.4	-	-	0.0	84.1	15.6	0.3	-	-	0.0	0.4	21.9	77.7	-	-
Total %	0.1	11.0	0.5	21.4	-	33.0	0.0	0.0	4.2	5.7	-	9.8	0.0	28.9	5.4	0.1	-	34.4	0.0	0.1	5.0	17.6	-	22.7
Lights	1	93	5	184	-	283	0	0	41	58	-	99	0	288	54	1	-	343	0	1	50	174	-	225
% Lights	100.0	82.3	100.0	83.6	-	83.5	-	-	95.3	100.0	-	98.0	-	97.0	98.2	100.0	-	97.2	-	100.0	98.0	96.1	-	96.6
Buses	0	18	0	35	-	53	0	0	1	0	-	1	0	8	0	0	-	8	0	0	1	4	-	5

% Buses	0.0	15.9	0.0	15.9	-	15.6	-	-	-	2.3	0.0	0.0	-	2.3	-	0.0	2.0	2.2	-	2.1	6.5
Single-Unit Trucks	0	2	0	0	-	2	0	0	0	0	0	1	0	1	0	0	0	3	-	3	6
% Single-Unit Trucks	0.0	1.8	0.0	0.0	-	0.6	-	-	0.0	0.0	-	0.0	-	0.3	-	0.0	0.0	1.7	-	1.3	0.6
Articulated Trucks	0	0	0	1	-	1	0	0	1	0	-	0	1	1	0	0	0	0	-	0	3
% Articulated Trucks	0.0	0.0	0.0	0.5	-	0.3	-	-	2.3	0.0	-	1.0	-	0.3	-	0.0	0.0	0.0	-	0.0	0.3
Bicycles on Road	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	0	0	-	0	0
% Bicycles on Road	0.0	0.0	0.0	0.0	-	0.0	-	-	0.0	0.0	-	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	0.0
Pedestrians	-	-	-	-	59	-	-	-	-	15	-	-	77	-	-	-	-	-	45	-	-
% Pedestrians	-	-	-	-	100.0	-	-	-	-	100.0	-	-	100.0	-	-	-	-	-	100.0	-	-



Kenig Lindgren O'Hara Aboona, Inc.
9575 W. Higgins Rd., Suite 400

Rosemont, Illinois, United States 60018
(847)518-9990

Count Name: Piper Lane with Burning Bush Lane
Site Code:
Start Date: 12/04/2018
Page No: 3

Turning Movement Peak Hour Data (7:15 AM)

Start Time	Piper Lane Eastbound					Piper Lane Westbound					Burning Bush Lane Northbound					Burning Bush Lane Southbound					App. Total	Int. Total				
	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left			Thru	Right	Peds	App. Total
7:15 AM	0	8	0	7	12	15	0	0	2	5	2	7	0	11	1	0	0	29	12	0	0	0	9	11	9	43
7:30 AM	0	4	0	7	0	11	0	0	2	4	0	6	0	10	2	0	0	0	12	0	0	2	15	1	17	46
7:45 AM	0	5	0	10	7	15	0	0	3	2	0	5	0	11	2	0	0	0	13	0	0	3	7	0	10	43
8:00 AM	0	2	0	10	4	12	0	0	3	4	0	7	0	6	1	0	0	0	7	0	0	2	4	0	6	32
Total	0	19	0	34	23	53	0	0	10	15	2	25	0	38	6	0	29	44	44	0	0	7	35	12	42	164
Approach %	0.0	35.8	0.0	64.2	-	-	0.0	0.0	40.0	60.0	-	-	0.0	86.4	13.6	0.0	-	-	-	0.0	0.0	16.7	83.3	-	-	-
Total %	0.0	11.6	0.0	20.7	-	32.3	0.0	0.0	6.1	9.1	-	15.2	0.0	23.2	3.7	0.0	-	-	26.8	0.0	0.0	4.3	21.3	-	25.6	-
PHF	0.000	0.594	0.000	0.850	-	0.883	0.000	0.000	0.833	0.750	-	0.893	0.000	0.864	0.750	0.000	-	-	0.846	0.000	0.000	0.583	0.583	-	0.618	0.891
Lights	0	12	0	26	-	38	0	0	8	15	-	23	0	36	6	0	-	-	42	0	0	7	32	-	39	142
% Lights	-	63.2	-	76.5	-	71.7	-	-	80.0	100.0	-	92.0	-	94.7	100.0	-	-	-	95.5	-	-	100.0	91.4	-	92.9	86.6
Buses	0	6	0	7	-	13	0	0	1	0	-	1	0	2	0	0	-	-	2	0	0	0	2	-	2	18
% Buses	-	31.6	-	20.6	-	24.5	-	-	10.0	0.0	-	4.0	-	5.3	0.0	-	-	-	4.5	-	-	0.0	5.7	-	4.8	11.0
Single-Unit Trucks	0	1	0	0	-	1	0	0	0	0	-	0	0	0	0	0	-	-	0	0	0	1	-	1	2	
% Single-Unit Trucks	-	5.3	-	0.0	-	1.9	-	-	0.0	0.0	-	0.0	-	0.0	0.0	-	-	-	0.0	-	-	0.0	2.9	-	2.4	1.2
Articulated Trucks	0	0	0	1	-	1	0	0	1	0	-	1	0	0	0	0	-	-	0	0	0	0	0	-	0	2
% Articulated Trucks	-	0.0	-	2.9	-	1.9	-	-	10.0	0.0	-	4.0	-	0.0	0.0	-	-	-	0.0	-	-	0.0	0.0	-	0.0	1.2
Bicycles on Road	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	-	0	0	0	0	0	-	0	0
% Bicycles on Road	-	0.0	-	0.0	-	0.0	-	-	0.0	0.0	-	0.0	-	0.0	0.0	-	-	-	0.0	-	-	0.0	0.0	-	0.0	0.0
Pedestrians	-	-	-	-	23	-	-	-	-	-	2	-	-	-	-	-	-	29	-	-	-	-	-	12	-	-
% Pedestrians	-	-	-	-	100.0	-	-	-	-	-	100.0	-	-	-	-	-	-	100.0	-	-	-	-	-	100.0	-	-



Kenig Lindgren O'Hara Aboona, Inc.
9575 W. Higgins Rd., Suite 400

Rosemont, Illinois, United States 60018
(847)518-9990

Count Name: Piper Lane with Burning Bush Lane
Site Code:
Start Date: 12/04/2018
Page No: 4

Turning Movement Peak Hour Data (3:30 PM)

Start Time	Piper Lane Eastbound						Piper Lane Westbound						Burning Bush Lane Northbound						Burning Bush Lane Southbound						Int. Total	
	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total		
3:30 PM	0	6	3	19	0	28	0	0	0	1	3	1	0	22	3	0	0	0	25	0	0	3	9	22	12	66
3:45 PM	0	12	0	22	1	34	0	0	0	2	7	2	0	21	4	0	0	28	25	0	0	4	10	3	14	75
4:00 PM	0	5	0	13	26	18	0	0	5	1	0	6	0	17	4	0	0	0	21	0	0	4	5	0	9	54
4:15 PM	0	8	1	12	0	21	0	0	1	2	0	3	0	14	6	0	0	0	20	0	0	6	5	1	11	55
Total	0	31	4	66	27	101	0	0	6	6	10	12	0	74	17	0	28	91	0	0	17	29	26	46	250	
Approach %	0.0	30.7	4.0	65.3	-	-	0.0	0.0	50.0	50.0	-	-	0.0	81.3	18.7	0.0	-	-	-	0.0	0.0	37.0	63.0	-	-	-
Total %	0.0	12.4	1.6	26.4	-	40.4	0.0	0.0	2.4	2.4	-	4.8	0.0	29.6	6.8	0.0	-	36.4	0.0	0.0	6.8	11.6	-	-	18.4	
PHF	0.000	0.646	0.333	0.750	-	0.743	0.000	0.000	0.300	0.750	-	0.500	0.000	0.841	0.708	0.000	-	0.910	0.000	0.000	0.708	0.725	-	-	0.821	
Lights	0	24	4	56	-	84	0	0	6	6	-	12	0	72	17	0	-	89	0	0	16	25	-	41	226	
% Lights	-	77.4	100.0	84.8	-	83.2	-	-	100.0	100.0	-	100.0	-	97.3	100.0	-	-	97.8	-	-	94.1	86.2	-	89.1	90.4	
Buses	0	7	0	10	-	17	0	0	0	0	-	0	0	2	0	0	-	2	0	0	1	2	-	3	22	
% Buses	-	22.6	0.0	15.2	-	16.8	-	-	0.0	0.0	-	0.0	-	2.7	0.0	-	-	2.2	-	-	5.9	6.9	-	6.5	8.8	
Single-Unit Trucks	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	2	-	2	2	
% Single-Unit Trucks	-	0.0	0.0	0.0	-	0.0	-	-	0.0	0.0	-	0.0	-	0.0	0.0	-	-	0.0	-	-	0.0	6.9	-	4.3	0.8	
Articulated Trucks	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	
% Articulated Trucks	-	0.0	0.0	0.0	-	0.0	-	-	0.0	0.0	-	0.0	-	0.0	0.0	-	-	0.0	-	-	0.0	0.0	-	0.0	0.0	
Bicycles on Road	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	
% Bicycles on Road	-	0.0	0.0	0.0	-	0.0	-	-	0.0	0.0	-	0.0	-	0.0	0.0	-	-	0.0	-	-	0.0	0.0	-	0.0	0.0	
Pedestrians	-	-	-	-	27	-	-	-	-	-	10	-	-	-	-	-	-	28	-	-	-	-	26	-	-	
% Pedestrians	-	-	-	-	100.0	-	-	-	-	-	100.0	-	-	-	-	-	-	100.0	-	-	-	-	100.0	-	-	



Kenig Lindgren O'Hara Aboona, Inc.
9575 W. Higgins Rd., Suite 400

Rosemont, Illinois, United States 60018
(847)518-9990

Count Name: Burning Bush Lane with Apple Drive
Site Code:
Start Date: 12/04/2018
Page No: 1

Turning Movement Data

Start Time	Apple Drive Westbound					Burning Bush Lane Northbound					Burning Bush Lane Southbound				
	U-Turn	Left	Right	Peds	App. Total	U-Turn	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Peds	Int. Total
6:00 AM	0	0	7	0	7	0	0	0	0	0	0	5	0	0	12
6:15 AM	1	1	9	0	11	0	1	0	3	1	0	7	0	0	19
6:30 AM	0	0	14	0	14	0	0	0	0	0	0	6	0	1	6
6:45 AM	0	0	10	0	10	0	0	0	0	0	0	9	0	0	9
Hourly Total	1	1	40	0	42	0	1	0	3	1	0	27	0	1	70
7:00 AM	0	2	5	0	7	0	0	0	0	0	0	6	0	0	13
7:15 AM	0	0	13	2	13	0	0	2	1	2	0	6	0	0	21
7:30 AM	0	0	11	0	11	0	0	0	1	0	0	8	1	0	20
7:45 AM	0	0	12	0	12	0	1	0	0	1	0	13	1	0	27
Hourly Total	0	2	41	2	43	0	1	2	2	3	0	33	2	0	81
8:00 AM	0	0	9	0	9	0	0	0	1	0	0	11	0	0	20
8:15 AM	0	0	5	0	5	0	0	0	1	0	0	16	0	0	21
8:30 AM	0	0	11	0	11	0	0	1	0	1	0	9	0	0	21
8:45 AM	0	0	14	0	14	0	0	0	2	0	0	6	0	0	20
Hourly Total	0	0	39	0	39	0	0	1	4	1	0	42	0	0	82
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3:00 PM	0	0	14	0	14	0	0	0	3	0	0	7	0	0	21
3:15 PM	0	0	18	0	18	0	0	0	1	0	0	12	0	0	30
3:30 PM	0	1	25	1	26	0	1	0	0	1	0	25	1	0	53
3:45 PM	0	1	28	0	29	0	0	1	2	1	0	22	0	0	52
Hourly Total	0	2	85	1	87	0	1	1	6	2	0	66	1	0	156
4:00 PM	0	1	17	0	18	0	1	0	0	1	0	16	3	4	38
4:15 PM	0	0	18	0	18	0	1	1	1	2	1	15	2	0	38
4:30 PM	0	2	18	0	20	0	2	2	0	4	0	10	1	0	35
4:45 PM	0	0	16	2	16	0	1	0	0	1	0	16	0	0	33
Hourly Total	0	3	69	2	72	0	5	3	1	8	1	57	6	4	144
5:00 PM	0	1	17	1	18	0	1	1	1	2	0	6	1	1	27
5:15 PM	0	3	17	0	20	0	2	2	3	4	0	8	1	0	33
5:30 PM	0	0	24	0	24	0	1	0	0	1	0	8	1	1	34
5:45 PM	0	0	17	0	17	0	0	0	0	0	0	10	0	0	27
Hourly Total	0	4	75	1	79	0	4	3	4	7	0	32	3	2	121
Grand Total	1	12	349	6	362	0	12	10	20	22	1	257	12	7	654
Approach %	0.3	3.3	96.4	-	-	0.0	54.5	45.5	-	-	0.4	95.2	4.4	-	-
Total %	0.2	1.8	53.4	-	55.4	0.0	1.8	1.5	-	3.4	0.2	39.3	1.8	-	41.3
Lights	1	11	341	-	353	0	11	10	-	21	1	221	11	-	233
% Lights	100.0	91.7	97.7	-	97.5	-	91.7	100.0	-	95.5	100.0	86.0	91.7	-	86.3
Buses	0	0	6	-	6	0	1	0	-	1	0	35	1	-	36
% Buses	0.0	0.0	1.7	-	1.7	-	8.3	0.0	-	4.5	0.0	13.6	8.3	-	13.3

Single-Unit Trucks	0	1	1	-	2	0	0	0	0	0	0	0	0	2
% Single-Unit Trucks	0.0	8.3	0.3	-	0.6	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.3
Articulated Trucks	0	0	0	-	0	0	0	0	-	0	1	0	1	1
% Articulated Trucks	0.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	0.4	0.0	-	0.2
Bicycles on Road	0	0	1	-	1	0	0	0	-	0	0	0	-	1
% Bicycles on Road	0.0	0.0	0.3	-	0.3	-	0.0	0.0	-	0.0	0.0	0.0	-	0.2
Pedestrians	-	-	-	6	-	-	-	-	20	-	-	-	7	-
% Pedestrians	-	-	-	100.0	-	-	-	-	100.0	-	-	-	100.0	-



Kenig Lindgren O'Hara Aboona, Inc.
9575 W. Higgins Rd., Suite 400

Rosemont, Illinois, United States 60018
(847)518-9990

Count Name: Burning Bush Lane with Apple
Drive
Site Code:
Start Date: 12/04/2018
Page No: 3

Turning Movement Peak Hour Data (7:15 AM)

Start Time	Apple Drive Westbound					Burning Bush Lane Northbound					Burning Bush Lane Southbound				
	U-Turn	Left	Right	Peds	App. Total	U-Turn	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Peds	Int. Total
7:15 AM	0	0	13	2	13	0	0	2	1	2	0	6	0	0	21
7:30 AM	0	0	11	0	11	0	0	0	1	0	0	8	1	0	9
7:45 AM	0	0	12	0	12	0	1	0	0	1	0	13	1	0	14
8:00 AM	0	0	9	0	9	0	0	0	1	0	0	11	0	0	20
Total	0	0	45	2	45	0	1	2	3	3	0	38	2	0	88
Approach %	0.0	0.0	100.0	-	-	0.0	33.3	66.7	-	-	0.0	95.0	5.0	-	-
Total %	0.0	0.0	51.1	-	51.1	0.0	1.1	2.3	-	3.4	0.0	43.2	2.3	-	45.5
PHF	0.000	0.000	0.865	-	0.865	0.000	0.250	0.250	-	0.375	0.000	0.731	0.500	-	0.714
Lights	0	0	43	-	43	0	1	2	-	3	0	31	2	-	33
% Lights	-	-	95.6	-	95.6	-	100.0	100.0	-	100.0	-	81.6	100.0	-	82.5
Buses	0	0	2	-	2	0	0	0	-	0	0	6	0	-	6
% Buses	-	-	4.4	-	4.4	-	0.0	0.0	-	0.0	-	15.8	0.0	-	15.0
Single-Unit Trucks	0	0	0	-	0	0	0	0	-	0	0	0	0	-	0
% Single-Unit Trucks	-	-	0.0	-	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
Articulated Trucks	0	0	0	-	0	0	0	0	-	0	0	1	0	-	1
% Articulated Trucks	-	-	0.0	-	0.0	-	0.0	0.0	-	0.0	-	2.6	0.0	-	2.5
Bicycles on Road	0	0	0	-	0	0	0	0	-	0	0	0	0	-	0
% Bicycles on Road	-	-	0.0	-	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
Pedestrians	-	-	-	2	-	-	-	-	3	-	-	-	-	0	-
% Pedestrians	-	-	-	100.0	-	-	-	-	100.0	-	-	-	-	-	-



Kenig Lindgren O'Hara Aboona, Inc.
9575 W. Higgins Rd., Suite 400

Rosemont, Illinois, United States 60018
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Count Name: Burning Bush Lane with Apple
Drive
Site Code:
Start Date: 12/04/2018
Page No: 4

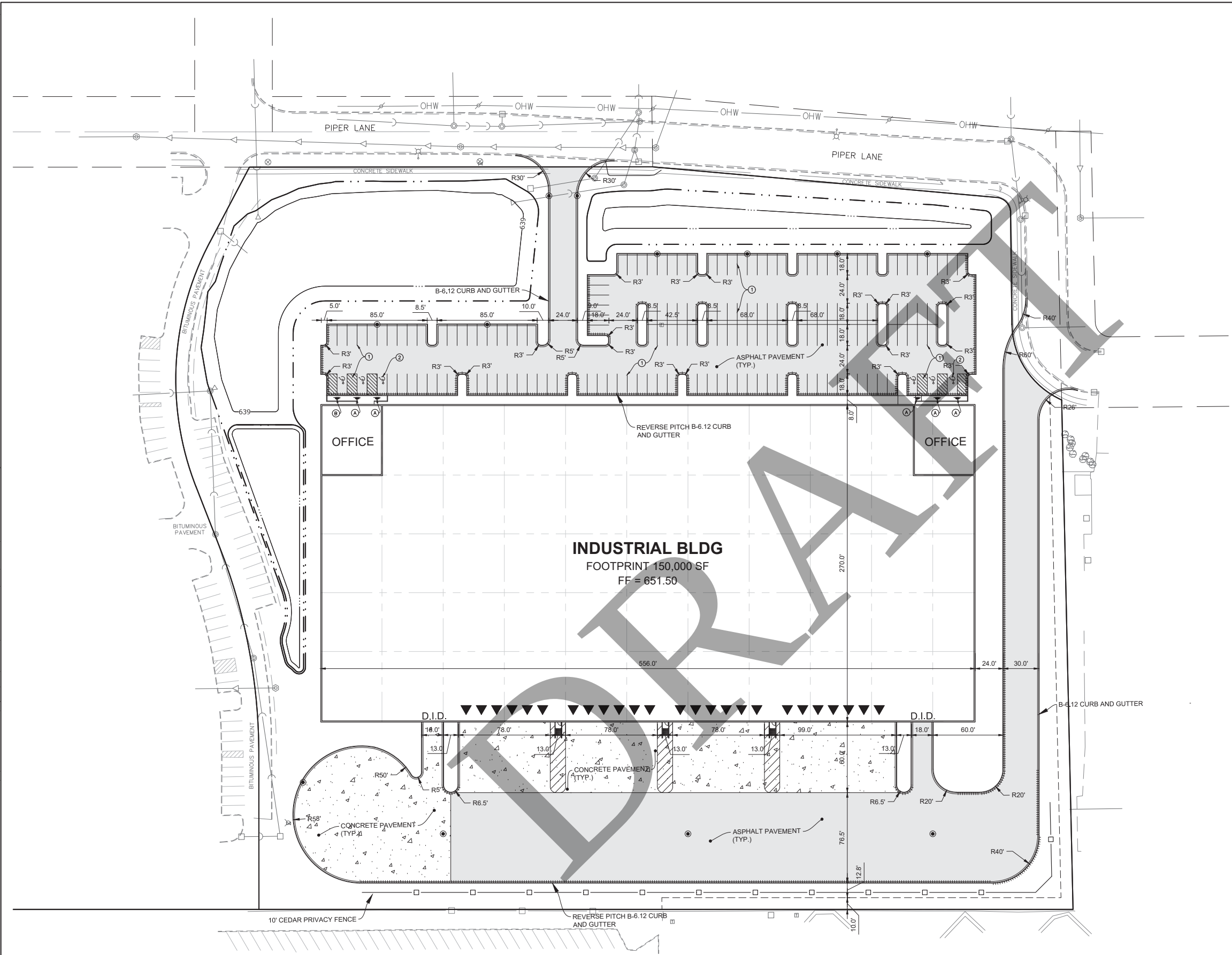
Turning Movement Peak Hour Data (3:30 PM)

Start Time	Apple Drive Westbound					Burning Bush Lane Northbound					Burning Bush Lane Southbound				
	U-Turn	Left	Right	Peds	App. Total	U-Turn	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Peds	Int. Total
3:30 PM	0	1	25	1	26	0	1	0	0	1	0	25	1	0	53
3:45 PM	0	1	28	0	29	0	0	1	2	1	0	22	0	0	52
4:00 PM	0	1	17	0	18	0	1	0	0	1	0	16	3	4	38
4:15 PM	0	0	18	0	18	0	1	1	1	2	1	15	2	0	38
Total	0	3	88	1	91	0	3	2	3	5	1	78	6	4	181
Approach %	0.0	3.3	96.7	-	-	0.0	60.0	40.0	-	-	1.2	91.8	7.1	-	-
Total %	0.0	1.7	48.6	-	50.3	0.0	1.7	1.1	-	2.8	0.6	43.1	3.3	-	47.0
PHF	0.000	0.750	0.786	-	0.784	0.000	0.750	0.500	-	0.625	0.250	0.780	0.500	-	0.817
Lights	0	2	87	-	89	0	2	2	-	4	1	68	5	-	74
% Lights	-	66.7	98.9	-	97.8	-	66.7	100.0	-	80.0	100.0	87.2	83.3	-	87.1
Buses	0	0	1	-	1	0	1	0	-	1	0	10	1	-	13
% Buses	-	0.0	1.1	-	1.1	-	33.3	0.0	-	20.0	0.0	12.8	16.7	-	7.2
Single-Unit Trucks	0	1	0	-	1	0	0	0	-	0	0	0	0	-	1
% Single-Unit Trucks	-	33.3	0.0	-	1.1	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.6
Articulated Trucks	0	0	0	-	0	0	0	0	-	0	0	0	0	-	0
% Articulated Trucks	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
Bicycles on Road	0	0	0	-	0	0	0	0	-	0	0	0	0	-	0
% Bicycles on Road	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
Pedestrians	-	-	-	1	-	-	-	-	3	-	-	-	-	4	-
% Pedestrians	-	-	-	100.0	-	-	-	-	100.0	-	-	-	-	100.0	-

DRAFT

Site Plan

12/12/2018 11:39 AM - Z:\Projects\2018\1450.00-IL\312 - ENGINEERING\FINAL SHEETS\312-4 OVERALL SITE PLAN.dwg THESE PLANS AND DESIGNS ARE COPYRIGHT PROTECTED AND MAY NOT BE USED IN WHOLE OR IN PART WITHOUT THE WRITTEN CONSENT OF PINNACLE ENGINEERING GROUP, LLC
REVIEWED: BDJ
DESIGNED: DAT
DRAFTED: DKT



- SITE DIMENSIONAL AND PAVING NOTES**
1. ALL PROPOSED CURB SHALL BE B-6.12 CURB & GUTTER UNLESS OTHERWISE NOTED.
 2. ALL DIMENSIONS ARE FACE OF CURB TO FACE OF CURB OR BUILDING FACE/PROPERTY LINE UNLESS OTHERWISE NOTED.
 3. BUILDING DIMENSIONS, GRADING, PARKING, AND UTILITY LAYOUT HAVE BEEN PREPARED BASED UPON ARCHITECTURAL INFORMATION. SUBSEQUENT ARCHITECTURAL CHANGES MAY EXIST AND CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION. IN CASE OF DISCREPANCIES BETWEEN ARCHITECTURAL PLANS AND CIVIL PLANS, NOTIFY BOTH ARCHITECT AND ENGINEER.
 4. LOCATION OF PRIVATE SIDEWALKS SHALL BE COORDINATED WITH PROPOSED DOORWAYS. CONTRACTOR TO VERIFY ACTUAL BUILDING PLAN LOCATIONS WITH ARCHITECT/DEVELOPER PRIOR TO CONSTRUCTING THE SIDEWALKS.
 5. REBAR / TIEBARS SHALL BE USED IN ALL LOCATIONS WHERE CONCRETE ABUTS OTHER CONCRETE FEATURES (i.e. SIDEWALK ADJACENT TO FOUNDATION WALL AND SIDEWALK/PAVEMENT ADJACENT TO CURB & GUTTER). TIEBAR SIZE AND SPACING SHALL BE PER IDOT SPECIFICATIONS. ALL REBAR/TIEBAR SHALL BE EPOXY COATED, UNLESS SPECIFIED OTHERWISE.
 6. THE SUBGRADE FOR PROPOSED PAVEMENT AREAS SHALL BE PROOF-ROLLED BY THE CONTRACTOR AND ANY UNSTABLE AREAS ENCOUNTERED SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE SOILS ENGINEER.
 7. CONTRACTOR SHALL CONSTRUCT ALL HANDICAP ACCESSIBLE ROUTES IN ACCORDANCE WITH LOCAL AND STATE ADA REQUIREMENTS.
 8. PAVEMENT SLOPES THROUGH HANDICAP ACCESSIBLE PARKING AREAS SHALL BE 2.00% MAXIMUM IN ANY DIRECTION.

LEGEND

CONCRETE PAVEMENT
8" PORTLAND CEMENT CONCRETE
6" COMP. CA-6 AGGREGATE BASE COURSE, TYPE B
NOTE: WHERE CONCRETE APRON IS ADJACENT TO CURB AND GUTTER, NO. 6 DEFORMED DOWEL BARS SHALL BE USED. BAR SHALL BE DEFORMED 18" LONG, NO. 6 (NO EPOXY) @ 24" SPACING O.C.

SIDEWALK
5" PORTLAND CEMENT CONCRETE
4" COMP. CA-6 AGGREGATE BASE COURSE, TYPE B

PROPOSED HEAVY DUTY ASPHALT PAVEMENT SECTION
2" BIT. SURFACE COURSE, HMA, MIX D, N50, 9.5MM NOMINAL SIZE, PG64-22 (R.A.S NOT PERMITTED)
4.8" BIT. BINDER COURSE, HMA, IL-19, N50, 19.0MM NOMINAL SIZE, PG64-22
0.30 GAL/SY BITUMINOUS PRIME COAT (MC-30)
12" COMP. CA-6 AGGREGATE SUBBASE, TYPE B

PROPOSED LIGHT DUTY ASPHALT PAVEMENT SECTION
2" BIT. SURFACE COURSE, HMA, MIX D, N50, 9.5MM NOMINAL SIZE, PG64-22 (R.A.S NOT PERMITTED)
2" BIT. BINDER COURSE, HMA, IL-19, N50, 19.0MM NOMINAL SIZE, PG64-22
0.30 GAL/SY BITUMINOUS PRIME COAT (MC-30)
8" COMP. CA-6 AGGREGATE SUBBASE, TYPE B

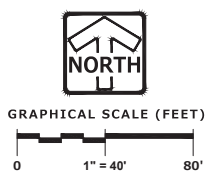
B-6.12 CURB & GUTTER

DEPRESSED B-6.12 CURB & GUTTER

REVERSE PITCH B-6.12 CURB & GUTTER

18 PARKING STALL COUNT (NOT TO BE PAINTED)

- STRIPING/SIGNAGE LEGEND**
- ① 4" YELLOW LINE
 - ② YELLOW LETTERS AND SYMBOLS PAVEMENT MARKINGS
 - A R7-8 & R7-8P HANDICAP SIGN
 - B R7-8 & R7-8P HANDICAP W/ VAN ACCESSIBLE SIGN
 - C 4" CONCRETE BOLLARD (SEE CON. STANDARDS)



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CHICAGO OFFICE:
1051 E. MAIN ST. | SUITE 217
EAST DUNDEE, IL 60119
(847) 551-5300

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PIPER LANE INDUSTRIAL REDEVELOPMENT
150,000 SF BUILDING
PROSPECT HEIGHTS, ILLINOIS

REVISIONS	

SITE DIMENSIONAL & PAVING PLAN

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CMAP 2040 Projections Letter



Chicago Metropolitan Agency for Planning

233 South Wacker Drive
Suite 800
Chicago, Illinois 60606

312 454 0400
www.cmap.illinois.gov

December 19, 2018

Brendan May
Consultant
Kenig, Lindgren, O'Hara and Aboona, Inc.
9575 West Higgins Road
Suite 400
Rosemont, IL 60018

Subject: Wolf Road @ Palatine Road
IDOT

Dear Mr. May:

In response to a request made on your behalf and dated December 18, 2018, we have developed year 2050 average daily traffic (ADT) projections for the subject location.

ROAD SEGMENT	Current ADT	Year 2050 ADT
Wolf Rd south of Palatine Rd	11,700	14,000
Palatine Rd east of Wolf Rd	29,200	32,800

Traffic projections are developed using existing ADT data provided in the request letter and the results from the October 2018 CMAP Travel Demand Analysis. The regional travel model uses CMAP 2050 socioeconomic projections and assumes the implementation of the ON TO 2050 Comprehensive Regional Plan for the Northeastern Illinois area. The provision of this data in support of your request does not constitute a CMAP endorsement of the proposed development or any subsequent developments.

If you have any questions, please call me at (312) 386-8806.

Sincerely,

Jose Rodriguez, PTP, AICP
Senior Planner, Research & Analysis

cc: Quigley (IDOT)
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Level of Service Criteria

LEVEL OF SERVICE CRITERIA

Signalized Intersections		
Level of Service	Interpretation	Average Control Delay (seconds per vehicle)
A	Favorable progression. Most vehicles arrive during the green indication and travel through the intersection without stopping.	≤ 10
B	Good progression, with more vehicles stopping than for Level of Service A.	$> 10 - 20$
C	Individual cycle failures (i.e., one or more queued vehicles are not able to depart as a result of insufficient capacity during the cycle) may begin to appear. Number of vehicles stopping is significant, although many vehicles still pass through the intersection without stopping.	$> 20 - 35$
D	The volume-to-capacity ratio is high and either progression is ineffective or the cycle length is too long. Many vehicles stop and individual cycle failures are noticeable.	$> 35 - 55$
E	Progression is unfavorable. The volume-to-capacity ratio is high and the cycle length is long. Individual cycle failures are frequent.	$> 55 - 80$
F	The volume-to-capacity ratio is very high, progression is very poor, and the cycle length is long. Most cycles fail to clear the queue.	> 80.0
Unsignalized Intersections		
Level of Service	Average Total Delay (SEC/VEH)	
A	0 - 10	
B	$> 10 - 15$	
C	$> 15 - 25$	
D	$> 25 - 35$	
E	$> 35 - 50$	
F	> 50	

Source: *Highway Capacity Manual*, 2010.

Capacity Analysis Summary Sheets

HCM 6th AWSC
1: Pinecrest Drive & Piper Lane

12/19/2018

Intersection

Intersection Delay, s/veh	7.6
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↔			↔			↔			↔	
Traffic Vol, veh/h	8	44	1	1	90	4	10	4	2	6	0	0
Future Vol, veh/h	8	44	1	1	90	4	10	4	2	6	0	0
Peak Hour Factor	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
Heavy Vehicles, %	13	30	0	0	8	0	10	0	0	33	0	0
Mvmt Flow	10	53	1	1	108	5	12	5	2	7	0	0
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	7.7	7.6	7.6	8.1
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	62%	15%	1%	100%
Vol Thru, %	25%	83%	95%	0%
Vol Right, %	12%	2%	4%	0%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	16	53	95	6
LT Vol	10	8	1	6
Through Vol	4	44	90	0
RT Vol	2	1	4	0
Lane Flow Rate	19	64	114	7
Geometry Grp	1	1	1	1
Degree of Util (X)	0.024	0.076	0.126	0.01
Departure Headway (Hd)	4.434	4.271	3.97	4.986
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	797	835	900	709
Service Time	2.519	2.314	2.008	3.075
HCM Lane V/C Ratio	0.024	0.077	0.127	0.01
HCM Control Delay	7.6	7.7	7.6	8.1
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.1	0.2	0.4	0

HCM 6th TWSC
2: Wolf Road & Piper Lane

12/19/2018

Intersection												
Int Delay, s/veh	2.7											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	7	0	4	28	0	79	24	688	48	36	361	84
Future Vol, veh/h	7	0	4	28	0	79	24	688	48	36	361	84
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	90	-	-	95	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	93	93	93	93	93	93	93	93	93	93	93	93
Heavy Vehicles, %	14	0	0	18	0	6	0	4	13	19	11	2
Mvmt Flow	8	0	4	30	0	85	26	740	52	39	388	90
Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	1372	1355	433	1331	1374	766	478	0	0	792	0	0
Stage 1	511	511	-	818	818	-	-	-	-	-	-	-
Stage 2	861	844	-	513	556	-	-	-	-	-	-	-
Critical Hdwy	7.24	6.5	6.2	7.28	6.5	6.26	4.1	-	-	4.29	-	-
Critical Hdwy Stg 1	6.24	5.5	-	6.28	5.5	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.24	5.5	-	6.28	5.5	-	-	-	-	-	-	-
Follow-up Hdwy	3.626	4	3.3	3.662	4	3.354	2.2	-	-	2.371	-	-
Pot Cap-1 Maneuver	116	151	627	122	147	396	1095	-	-	758	-	-
Stage 1	524	540	-	348	393	-	-	-	-	-	-	-
Stage 2	334	382	-	516	516	-	-	-	-	-	-	-
Platoon blocked, %								-	-	-	-	-
Mov Cap-1 Maneuver	83	134	627	111	131	396	1095	-	-	758	-	-
Mov Cap-2 Maneuver	83	134	-	111	131	-	-	-	-	-	-	-
Stage 1	501	502	-	333	376	-	-	-	-	-	-	-
Stage 2	251	366	-	476	479	-	-	-	-	-	-	-
Approach	EB			WB			NB			SB		
HCM Control Delay, s	37.5			25.1			0.3			0.7		
HCM LOS	E			D								
Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	EBLn2	WBLn1	WBLn2	SBL	SBT	SBR		
Capacity (veh/h)	1095	-	-	83	627	111	396	758	-	-		
HCM Lane V/C Ratio	0.024	-	-	0.091	0.007	0.271	0.215	0.051	-	-		
HCM Control Delay (s)	8.4	0	-	52.7	10.8	49.1	16.6	10	0	-		
HCM Lane LOS	A	A	-	F	B	E	C	B	A	-		
HCM 95th %tile Q(veh)	0.1	-	-	0.3	0	1	0.8	0.2	-	-		

HCM 6th AWSC

3: Burning Bush Lane & Piper Lane

12/19/2018

Intersection

Intersection Delay, s/veh	7.4
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↔			↔			↔			↔	
Traffic Vol, veh/h	19	0	34	0	10	15	40	6	0	0	7	35
Future Vol, veh/h	19	0	34	0	10	15	40	6	0	0	7	35
Peak Hour Factor	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89
Heavy Vehicles, %	37	0	23	0	20	0	5	0	0	0	0	9
Mvmt Flow	21	0	38	0	11	17	45	7	0	0	8	39
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	7.8	7.3	7.7	6.8
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	87%	36%	0%	0%
Vol Thru, %	13%	0%	40%	17%
Vol Right, %	0%	64%	60%	83%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	46	53	25	42
LT Vol	40	19	0	0
Through Vol	6	0	10	7
RT Vol	0	34	15	35
Lane Flow Rate	52	60	28	47
Geometry Grp	1	1	1	1
Degree of Util (X)	0.062	0.073	0.032	0.047
Departure Headway (Hd)	4.348	4.409	4.097	3.591
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	818	809	867	985
Service Time	2.405	2.456	2.156	1.658
HCM Lane V/C Ratio	0.064	0.074	0.032	0.048
HCM Control Delay	7.7	7.8	7.3	6.8
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.2	0.2	0.1	0.1

HCM 6th AWSC
4: Burning Bush Lane & Apple Drive

12/19/2018

Intersection

Intersection Delay, s/veh	7.2
Intersection LOS	A

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	0	45	1	2	39	2
Future Vol, veh/h	0	45	1	2	39	2
Peak Hour Factor	0.82	0.82	0.82	0.82	0.82	0.82
Heavy Vehicles, %	0	4	0	0	18	0
Mvmt Flow	0	55	1	2	48	2
Number of Lanes	1	0	1	0	0	1

Approach	WB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	1	1
Conflicting Approach Left	NB		WB
Conflicting Lanes Left	1	0	1
Conflicting Approach Right	SB	WB	
Conflicting Lanes Right	1	1	0
HCM Control Delay	6.6	6.7	7.8
HCM LOS	A	A	A

Lane	NBLn1	WBLn1	SBLn1
Vol Left, %	0%	0%	95%
Vol Thru, %	33%	0%	5%
Vol Right, %	67%	100%	0%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	3	45	41
LT Vol	0	0	39
Through Vol	1	0	2
RT Vol	2	45	0
Lane Flow Rate	4	55	50
Geometry Grp	1	1	1
Degree of Util (X)	0.004	0.052	0.062
Departure Headway (Hd)	3.634	3.391	4.496
Convergence, Y/N	Yes	Yes	Yes
Cap	985	1051	800
Service Time	1.655	1.428	2.503
HCM Lane V/C Ratio	0.004	0.052	0.063
HCM Control Delay	6.7	6.6	7.8
HCM Lane LOS	A	A	A
HCM 95th-tile Q	0	0.2	0.2

HCM 6th AWSC

5: Truck Access Drive & Piper Lane

12/19/2018

Intersection

Intersection Delay, s/veh	7.7
Intersection LOS	A

Movement	SET	SER	NWL	NWT	NEL	NER
Lane Configurations						
Traffic Vol, veh/h	52	0	0	95	0	0
Future Vol, veh/h	52	0	0	95	0	0
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95
Heavy Vehicles, %	31	100	100	7	100	100
Mvmt Flow	55	0	0	100	0	0
Number of Lanes	1	0	0	1	1	0

Approach	SE	NW	NE
Opposing Approach	NW	SE	
Opposing Lanes	1	1	0
Conflicting Approach Left		NE	SE
Conflicting Lanes Left	0	1	1
Conflicting Approach Right	NE		NW
Conflicting Lanes Right	1	0	1
HCM Control Delay	7.9	7.6	0
HCM LOS	A	A	-

Lane	NELn1	NWLn1	SELn1
Vol Left, %	0%	0%	0%
Vol Thru, %	100%	100%	100%
Vol Right, %	0%	0%	0%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	0	95	52
LT Vol	0	0	0
Through Vol	0	95	52
RT Vol	0	0	0
Lane Flow Rate	0	100	55
Geometry Grp	1	1	1
Degree of Util (X)	0	0.113	0.068
Departure Headway (Hd)	5.87	4.06	4.501
Convergence, Y/N	Yes	Yes	Yes
Cap	0	885	797
Service Time	3.953	2.076	2.522
HCM Lane V/C Ratio	0	0.113	0.069
HCM Control Delay	9	7.6	7.9
HCM Lane LOS	N	A	A
HCM 95th-tile Q	0	0.4	0.2

HCM 6th AWSC
1: Pinecrest Drive & Piper Lane

12/19/2018

Intersection

Intersection Delay, s/veh	7.9
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↔			↔			↔			↔	
Traffic Vol, veh/h	19	90	13	5	102	5	11	3	0	8	5	1
Future Vol, veh/h	19	90	13	5	102	5	11	3	0	8	5	1
Peak Hour Factor	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
Heavy Vehicles, %	5	19	0	0	7	0	0	0	0	13	0	0
Mvmt Flow	23	108	16	6	123	6	13	4	0	10	6	1
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	8	7.8	7.8	7.9
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	79%	16%	4%	57%
Vol Thru, %	21%	74%	91%	36%
Vol Right, %	0%	11%	4%	7%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	14	122	112	14
LT Vol	11	19	5	8
Through Vol	3	90	102	5
RT Vol	0	13	5	1
Lane Flow Rate	17	147	135	17
Geometry Grp	1	1	1	1
Degree of Util (X)	0.022	0.168	0.152	0.023
Departure Headway (Hd)	4.69	4.112	4.052	4.825
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	768	866	877	746
Service Time	2.691	2.17	2.113	2.826
HCM Lane V/C Ratio	0.022	0.17	0.154	0.023
HCM Control Delay	7.8	8	7.8	7.9
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.1	0.6	0.5	0.1

HCM 6th TWSC
2: Wolf Road & Piper Lane

12/19/2018

Intersection												
Int Delay, s/veh	5.4											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	28	2	28	53	0	87	1	457	79	49	650	27
Future Vol, veh/h	28	2	28	53	0	87	1	457	79	49	650	27
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	90	-	-	95	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	93	93	93	93	93	93	93	93	93	93	93	93
Heavy Vehicles, %	0	0	7	6	0	5	0	9	10	20	7	7
Mvmt Flow	30	2	30	57	0	94	1	491	85	53	699	29
Major/Minor	Minor2		Minor1		Major1		Major2					
Conflicting Flow All	1403	1398	714	1372	1370	534	728	0	0	576	0	0
Stage 1	820	820	-	536	536	-	-	-	-	-	-	-
Stage 2	583	578	-	836	834	-	-	-	-	-	-	-
Critical Hdwy	7.1	6.5	6.27	7.16	6.5	6.25	4.1	-	-	4.3	-	-
Critical Hdwy Stg 1	6.1	5.5	-	6.16	5.5	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.1	5.5	-	6.16	5.5	-	-	-	-	-	-	-
Follow-up Hdwy	3.5	4	3.363	3.554	4	3.345	2.2	-	-	2.38	-	-
Pot Cap-1 Maneuver	118	142	423	121	148	540	885	-	-	914	-	-
Stage 1	372	392	-	521	527	-	-	-	-	-	-	-
Stage 2	502	504	-	356	386	-	-	-	-	-	-	-
Platoon blocked, %								-	-	-	-	-
Mov Cap-1 Maneuver	90	128	423	102	133	540	885	-	-	914	-	-
Mov Cap-2 Maneuver	90	128	-	102	133	-	-	-	-	-	-	-
Stage 1	371	354	-	520	526	-	-	-	-	-	-	-
Stage 2	414	503	-	296	348	-	-	-	-	-	-	-
Approach	EB		WB		NB		SB					
HCM Control Delay, s	39		37.6		0		0.6					
HCM LOS	E		E									
Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	EBLn2	WBLn1	WBLn2	SBL	SBT	SBR		
Capacity (veh/h)	885	-	-	90	367	102	540	914	-	-		
HCM Lane V/C Ratio	0.001	-	-	0.335	0.088	0.559	0.173	0.058	-	-		
HCM Control Delay (s)	9.1	0	-	63.9	15.8	77.9	13.1	9.2	0	-		
HCM Lane LOS	A	A	-	F	C	F	B	A	A	-		
HCM 95th %tile Q(veh)	0	-	-	1.3	0.3	2.6	0.6	0.2	-	-		

HCM 6th AWSC

3: Burning Bush Lane & Piper Lane

12/19/2018

Intersection

Intersection Delay, s/veh	8
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↔			↔			↔			↔	
Traffic Vol, veh/h	31	4	66	0	6	6	74	17	0	0	18	29
Future Vol, veh/h	31	4	66	0	6	6	74	17	0	0	18	29
Peak Hour Factor	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
Heavy Vehicles, %	23	0	15	0	0	0	3	0	0	0	6	14
Mvmt Flow	37	5	80	0	7	7	89	20	0	0	22	35
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	8.1	7.2	8.2	7.4
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	81%	31%	0%	0%
Vol Thru, %	19%	4%	50%	38%
Vol Right, %	0%	65%	50%	62%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	91	101	12	47
LT Vol	74	31	0	0
Through Vol	17	4	6	18
RT Vol	0	66	6	29
Lane Flow Rate	110	122	14	57
Geometry Grp	1	1	1	1
Degree of Util (X)	0.134	0.147	0.017	0.064
Departure Headway (Hd)	4.395	4.358	4.11	4.064
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	803	827	875	885
Service Time	2.492	2.358	2.117	2.072
HCM Lane V/C Ratio	0.137	0.148	0.016	0.064
HCM Control Delay	8.2	8.1	7.2	7.4
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.5	0.5	0.1	0.2

HCM 6th AWSC
4: Burning Bush Lane & Apple Drive

12/19/2018

Intersection

Intersection Delay, s/veh	7.9
Intersection LOS	A

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	3	88	3	2	78	6
Future Vol, veh/h	3	88	3	2	78	6
Peak Hour Factor	0.85	0.85	0.85	0.85	0.85	0.85
Heavy Vehicles, %	33	1	33	0	13	17
Mvmt Flow	4	104	4	2	92	7
Number of Lanes	1	0	1	0	0	1

Approach	WB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	1	1
Conflicting Approach Left	NB		WB
Conflicting Lanes Left	1	0	1
Conflicting Approach Right	SB	WB	
Conflicting Lanes Right	1	1	0
HCM Control Delay	7.7	7.6	8.2
HCM LOS	A	A	A

Lane	NBLn1	WBLn1	SBLn1
Vol Left, %	0%	3%	93%
Vol Thru, %	60%	0%	7%
Vol Right, %	40%	97%	0%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	5	91	84
LT Vol	0	3	78
Through Vol	3	0	6
RT Vol	2	88	0
Lane Flow Rate	6	107	99
Geometry Grp	1	1	1
Degree of Util (X)	0.007	0.121	0.124
Departure Headway (Hd)	4.486	4.069	4.499
Convergence, Y/N	Yes	Yes	Yes
Cap	788	870	793
Service Time	2.57	2.143	2.553
HCM Lane V/C Ratio	0.008	0.123	0.125
HCM Control Delay	7.6	7.7	8.2
HCM Lane LOS	A	A	A
HCM 95th-tile Q	0	0.4	0.4

HCM 6th AWSC

5: Truck Access Drive & Piper Lane

12/19/2018

Intersection

Intersection Delay, s/veh	7.8
Intersection LOS	A

Movement	SET	SER	NWL	NWT	NEL	NER
Lane Configurations						
Traffic Vol, veh/h	98	0	0	112	0	0
Future Vol, veh/h	98	0	0	112	0	0
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95
Heavy Vehicles, %	18	100	100	6	100	100
Mvmt Flow	103	0	0	118	0	0
Number of Lanes	1	0	0	1	1	0

Approach	SE	NW	NE
Opposing Approach	NW	SE	
Opposing Lanes	1	1	0
Conflicting Approach Left		NE	SE
Conflicting Lanes Left	0	1	1
Conflicting Approach Right	NE		NW
Conflicting Lanes Right	1	0	1
HCM Control Delay	7.9	7.7	0
HCM LOS	A	A	-

Lane	NELn1	NWLn1	SELn1
Vol Left, %	0%	0%	0%
Vol Thru, %	100%	100%	100%
Vol Right, %	0%	0%	0%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	0	112	98
LT Vol	0	0	0
Through Vol	0	112	98
RT Vol	0	0	0
Lane Flow Rate	0	118	103
Geometry Grp	1	1	1
Degree of Util (X)	0	0.134	0.123
Departure Headway (Hd)	6.098	4.079	4.294
Convergence, Y/N	Yes	Yes	Yes
Cap	0	879	836
Service Time	4.098	2.104	2.318
HCM Lane V/C Ratio	0	0.134	0.123
HCM Control Delay	9.1	7.7	7.9
HCM Lane LOS	N	A	A
HCM 95th-tile Q	0	0.5	0.4

HCM 6th AWSC
1: Pinecrest Drive & Piper Lane

12/19/2018

Intersection

Intersection Delay, s/veh	7.8
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	8	62	1	1	97	6	10	4	2	8	0	0
Future Vol, veh/h	8	62	1	1	97	6	10	4	2	8	0	0
Peak Hour Factor	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
Heavy Vehicles, %	13	30	0	0	8	0	10	0	0	33	0	0
Mvmt Flow	10	75	1	1	117	7	12	5	2	10	0	0
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	7.8	7.7	7.7	8.2
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	62%	11%	1%	100%
Vol Thru, %	25%	87%	93%	0%
Vol Right, %	12%	1%	6%	0%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	16	71	104	8
LT Vol	10	8	1	8
Through Vol	4	62	97	0
RT Vol	2	1	6	0
Lane Flow Rate	19	86	125	10
Geometry Grp	1	1	1	1
Degree of Util (X)	0.025	0.102	0.139	0.014
Departure Headway (Hd)	4.596	4.28	3.982	5.15
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	783	832	895	699
Service Time	2.597	2.33	2.03	3.151
HCM Lane V/C Ratio	0.024	0.103	0.14	0.014
HCM Control Delay	7.7	7.8	7.7	8.2
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.1	0.3	0.5	0

HCM 6th TWSC
2: Wolf Road & Piper Lane

12/19/2018

Intersection												
Int Delay, s/veh	3.2											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	7	0	4	32	0	82	25	709	60	43	372	87
Future Vol, veh/h	7	0	4	32	0	82	25	709	60	43	372	87
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	90	-	-	95	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	93	93	93	93	93	93	93	93	93	93	93	93
Heavy Vehicles, %	14	0	0	18	0	6	0	4	13	19	11	2
Mvmt Flow	8	0	4	34	0	88	27	762	65	46	400	94
Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	1432	1420	447	1390	1435	795	494	0	0	827	0	0
Stage 1	539	539	-	849	849	-	-	-	-	-	-	-
Stage 2	893	881	-	541	586	-	-	-	-	-	-	-
Critical Hdwy	7.24	6.5	6.2	7.28	6.5	6.26	4.1	-	-	4.29	-	-
Critical Hdwy Stg 1	6.24	5.5	-	6.28	5.5	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.24	5.5	-	6.28	5.5	-	-	-	-	-	-	-
Follow-up Hdwy	3.626	4	3.3	3.662	4	3.354	2.2	-	-	2.371	-	-
Pot Cap-1 Maneuver	105	138	616	110	135	381	1080	-	-	735	-	-
Stage 1	505	525	-	334	380	-	-	-	-	-	-	-
Stage 2	320	367	-	497	500	-	-	-	-	-	-	-
Platoon blocked, %								-	-	-	-	-
Mov Cap-1 Maneuver	73	120	616	98	117	381	1080	-	-	735	-	-
Mov Cap-2 Maneuver	73	120	-	98	117	-	-	-	-	-	-	-
Stage 1	481	479	-	318	362	-	-	-	-	-	-	-
Stage 2	234	350	-	451	457	-	-	-	-	-	-	-
Approach	EB			WB			NB			SB		
HCM Control Delay, s	42.1			29.4			0.3			0.9		
HCM LOS	E			D								
Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	EBLn2	WBLn1	WBLn2	SBL	SBT	SBR		
Capacity (veh/h)	1080	-	-	73	616	98	381	735	-	-		
HCM Lane V/C Ratio	0.025	-	-	0.103	0.007	0.351	0.231	0.063	-	-		
HCM Control Delay (s)	8.4	0	-	59.9	10.9	60.4	17.3	10.2	0	-		
HCM Lane LOS	A	A	-	F	B	F	C	B	A	-		
HCM 95th %tile Q(veh)	0.1	-	-	0.3	0	1.4	0.9	0.2	-	-		

HCM 6th AWSC

3: Burning Bush Lane & Piper Lane

12/19/2018

Intersection	
Intersection Delay, s/veh	7.6
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↔			↔			↔			↔	
Traffic Vol, veh/h	20	0	39	0	10	15	55	6	0	0	7	36
Future Vol, veh/h	20	0	39	0	10	15	55	6	0	0	7	36
Peak Hour Factor	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89
Heavy Vehicles, %	37	0	23	0	20	0	5	0	0	0	0	9
Mvmt Flow	22	0	44	0	11	17	62	7	0	0	8	40
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	7.9	7.3	7.8	6.9
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	90%	34%	0%	0%
Vol Thru, %	10%	0%	40%	16%
Vol Right, %	0%	66%	60%	84%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	61	59	25	43
LT Vol	55	20	0	0
Through Vol	6	0	10	7
RT Vol	0	39	15	36
Lane Flow Rate	69	66	28	48
Geometry Grp	1	1	1	1
Degree of Util (X)	0.083	0.081	0.032	0.048
Departure Headway (Hd)	4.367	4.425	4.134	3.613
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	814	804	856	976
Service Time	2.428	2.484	2.206	1.689
HCM Lane V/C Ratio	0.085	0.082	0.033	0.049
HCM Control Delay	7.8	7.9	7.3	6.9
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.3	0.3	0.1	0.2

HCM 6th AWSC
4: Burning Bush Lane & Apple Drive

12/19/2018

Intersection

Intersection Delay, s/veh	7.2
Intersection LOS	A

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	0	60	1	2	44	2
Future Vol, veh/h	0	60	1	2	44	2
Peak Hour Factor	0.82	0.82	0.82	0.82	0.82	0.82
Heavy Vehicles, %	0	4	0	0	18	0
Mvmt Flow	0	73	1	2	54	2
Number of Lanes	1	0	1	0	0	1

Approach	WB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	1	1
Conflicting Approach Left	NB		WB
Conflicting Lanes Left	1	0	1
Conflicting Approach Right	SB	WB	
Conflicting Lanes Right	1	1	0
HCM Control Delay	6.7	6.7	7.9
HCM LOS	A	A	A

Lane	NBLn1	WBLn1	SBLn1
Vol Left, %	0%	0%	96%
Vol Thru, %	33%	0%	4%
Vol Right, %	67%	100%	0%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	3	60	46
LT Vol	0	0	44
Through Vol	1	0	2
RT Vol	2	60	0
Lane Flow Rate	4	73	56
Geometry Grp	1	1	1
Degree of Util (X)	0.004	0.069	0.071
Departure Headway (Hd)	3.671	3.403	4.529
Convergence, Y/N	Yes	Yes	Yes
Cap	974	1046	794
Service Time	1.696	1.446	2.538
HCM Lane V/C Ratio	0.004	0.07	0.071
HCM Control Delay	6.7	6.7	7.9
HCM Lane LOS	A	A	A
HCM 95th-tile Q	0	0.2	0.2

HCM 6th AWSC

5: Truck Access Drive & Piper Lane

12/19/2018

Intersection

Intersection Delay, s/veh	7.8
Intersection LOS	A

Movement	SET	SER	NWL	NWT	NEL	NER
Lane Configurations						
Traffic Vol, veh/h	57	7	0	108	2	0
Future Vol, veh/h	57	7	0	108	2	0
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95
Heavy Vehicles, %	31	100	100	7	100	100
Mvmt Flow	60	7	0	114	2	0
Number of Lanes	1	0	0	1	1	0

Approach	SE	NW	NE
Opposing Approach	NW	SE	
Opposing Lanes	1	1	0
Conflicting Approach Left		NE	SE
Conflicting Lanes Left	0	1	1
Conflicting Approach Right	NE		NW
Conflicting Lanes Right	1	0	1
HCM Control Delay	7.9	7.7	9.2
HCM LOS	A	A	A

Lane	NELn1	NWLn1	SELn1
Vol Left, %	100%	0%	0%
Vol Thru, %	0%	100%	89%
Vol Right, %	0%	0%	11%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	2	108	64
LT Vol	2	0	0
Through Vol	0	108	57
RT Vol	0	0	7
Lane Flow Rate	2	114	67
Geometry Grp	1	1	1
Degree of Util (X)	0.004	0.129	0.083
Departure Headway (Hd)	6.115	4.073	4.45
Convergence, Y/N	Yes	Yes	Yes
Cap	579	881	805
Service Time	4.213	2.096	2.477
HCM Lane V/C Ratio	0.003	0.129	0.083
HCM Control Delay	9.2	7.7	7.9
HCM Lane LOS	A	A	A
HCM 95th-tile Q	0	0.4	0.3

Intersection

Int Delay, s/veh 0.9

Movement EBT EBR WBL WBT NBL NBRLane Configurations      

Traffic Vol, veh/h 60 12 14 100 4 4

Future Vol, veh/h 60 12 14 100 4 4

Conflicting Peds, #/hr 0 0 0 0 0 0

Sign Control Free Free Free Free Stop Stop

RT Channelized - None - None - None

Storage Length - - - - 0 -

Veh in Median Storage, # 0 - - 0 0 -

Grade, % 0 - - 0 0 -

Peak Hour Factor 95 95 95 95 95 95

Heavy Vehicles, % 31 0 0 7 0 0

Mvmt Flow 63 13 15 105 4 4

Major/Minor Major1 Major2 Minor1

Conflicting Flow All 0 0 76 0 205 70

Stage 1 - - - - 70 -

Stage 2 - - - - 135 -

Critical Hdwy - - 4.1 - 6.4 6.2

Critical Hdwy Stg 1 - - - - 5.4 -

Critical Hdwy Stg 2 - - - - 5.4 -

Follow-up Hdwy - - 2.2 - 3.5 3.3

Pot Cap-1 Maneuver - - 1536 - 788 998

Stage 1 - - - - 958 -

Stage 2 - - - - 896 -

Platoon blocked, % - - - - -

Mov Cap-1 Maneuver - - 1536 - 780 998

Mov Cap-2 Maneuver - - - - 780 -

Stage 1 - - - - 948 -

Stage 2 - - - - 896 -

Approach EB WB NB

HCM Control Delay, s 0 0.9 9.1

HCM LOS A

Minor Lane/Major Mvmt NBLn1 EBT EBR WBL WBT

Capacity (veh/h) 876 - - 1536 -

HCM Lane V/C Ratio 0.01 - - 0.01 -

HCM Control Delay (s) 9.1 - - 7.4 0

HCM Lane LOS A - - A A

HCM 95th %tile Q(veh) 0 - - 0 -

HCM 6th AWSC
1: Pinecrest Drive & Piper Lane

12/19/2018

Intersection

Intersection Delay, s/veh	8
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↔			↔			↔			↔	
Traffic Vol, veh/h	20	99	13	5	120	11	11	3	0	9	5	1
Future Vol, veh/h	20	99	13	5	120	11	11	3	0	9	5	1
Peak Hour Factor	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
Heavy Vehicles, %	5	19	0	0	7	0	0	0	0	13	0	0
Mvmt Flow	24	119	16	6	145	13	13	4	0	11	6	1
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	8.1	8	7.9	8
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	79%	15%	4%	60%
Vol Thru, %	21%	75%	88%	33%
Vol Right, %	0%	10%	8%	7%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	14	132	136	15
LT Vol	11	20	5	9
Through Vol	3	99	120	5
RT Vol	0	13	11	1
Lane Flow Rate	17	159	164	18
Geometry Grp	1	1	1	1
Degree of Util (X)	0.022	0.183	0.184	0.025
Departure Headway (Hd)	4.779	4.14	4.039	4.922
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	753	859	878	732
Service Time	2.78	2.205	2.107	2.922
HCM Lane V/C Ratio	0.023	0.185	0.187	0.025
HCM Control Delay	7.9	8.1	8	8
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.1	0.7	0.7	0.1

HCM 6th TWSC
2: Wolf Road & Piper Lane

12/19/2018

Intersection												
Int Delay, s/veh	7.7											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	29	2	29	65	0	95	1	471	85	52	670	28
Future Vol, veh/h	29	2	29	65	0	95	1	471	85	52	670	28
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	90	-	-	95	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	93	93	93	93	93	93	93	93	93	93	93	93
Heavy Vehicles, %	0	0	7	6	0	5	0	9	10	20	7	7
Mvmt Flow	31	2	31	70	0	102	1	506	91	56	720	30
Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	1452	1446	735	1418	1416	552	750	0	0	597	0	0
Stage 1	847	847	-	554	554	-	-	-	-	-	-	-
Stage 2	605	599	-	864	862	-	-	-	-	-	-	-
Critical Hdwy	7.1	6.5	6.27	7.16	6.5	6.25	4.1	-	-	4.3	-	-
Critical Hdwy Stg 1	6.1	5.5	-	6.16	5.5	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.1	5.5	-	6.16	5.5	-	-	-	-	-	-	-
Follow-up Hdwy	3.5	4	3.363	3.554	4	3.345	2.2	-	-	2.38	-	-
Pot Cap-1 Maneuver	110	133	411	112	139	528	868	-	-	897	-	-
Stage 1	359	381	-	510	517	-	-	-	-	-	-	-
Stage 2	488	494	-	343	375	-	-	-	-	-	-	-
Platoon blocked, %								-	-	-	-	-
Mov Cap-1 Maneuver	81	118	411	94	124	528	868	-	-	897	-	-
Mov Cap-2 Maneuver	81	118	-	94	124	-	-	-	-	-	-	-
Stage 1	358	340	-	509	516	-	-	-	-	-	-	-
Stage 2	393	493	-	281	335	-	-	-	-	-	-	-
Approach	EB			WB			NB			SB		
HCM Control Delay, s	44.6			53.7			0			0.6		
HCM LOS	E			F								
Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	EBLn2	WBLn1	WBLn2	SBL	SBT	SBR		
Capacity (veh/h)	868	-	-	81	354	94	528	897	-	-		
HCM Lane V/C Ratio	0.001	-	-	0.385	0.094	0.744	0.193	0.062	-	-		
HCM Control Delay (s)	9.2	0	-	74.9	16.2	112.7	13.4	9.3	0	-		
HCM Lane LOS	A	A	-	F	C	F	B	A	A	-		
HCM 95th %tile Q(veh)	0	-	-	1.5	0.3	3.8	0.7	0.2	-	-		

HCM 6th AWSC

3: Burning Bush Lane & Piper Lane

12/19/2018

Intersection	
Intersection Delay, s/veh	8.1
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↔			↔			↔			↔	
Traffic Vol, veh/h	33	4	80	0	6	6	81	18	0	0	19	30
Future Vol, veh/h	33	4	80	0	6	6	81	18	0	0	19	30
Peak Hour Factor	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
Heavy Vehicles, %	23	0	15	0	0	0	3	0	0	0	6	14
Mvmt Flow	40	5	96	0	7	7	98	22	0	0	23	36
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0
Approach	EB			WB			NB			SB		
Opposing Approach	WB			EB			SB			NB		
Opposing Lanes	1			1			1			1		
Conflicting Approach Left	SB			NB			EB			WB		
Conflicting Lanes Left	1			1			1			1		
Conflicting Approach Right	NB			SB			WB			EB		
Conflicting Lanes Right	1			1			1			1		
HCM Control Delay	8.3			7.3			8.3			7.4		
HCM LOS	A			A			A			A		

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	82%	28%	0%	0%
Vol Thru, %	18%	3%	50%	39%
Vol Right, %	0%	68%	50%	61%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	99	117	12	49
LT Vol	81	33	0	0
Through Vol	18	4	6	19
RT Vol	0	80	6	30
Lane Flow Rate	119	141	14	59
Geometry Grp	1	1	1	1
Degree of Util (X)	0.15	0.171	0.017	0.068
Departure Headway (Hd)	4.533	4.363	4.165	4.125
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	794	826	862	871
Service Time	2.544	2.373	2.179	2.137
HCM Lane V/C Ratio	0.15	0.171	0.016	0.068
HCM Control Delay	8.3	8.3	7.3	7.4
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.5	0.6	0.1	0.2

HCM 6th AWSC
4: Burning Bush Lane & Apple Drive

12/19/2018

Intersection

Intersection Delay, s/veh	8.1
Intersection LOS	A

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	3	96	3	2	93	6
Future Vol, veh/h	3	96	3	2	93	6
Peak Hour Factor	0.85	0.85	0.85	0.85	0.85	0.85
Heavy Vehicles, %	33	1	33	0	13	17
Mvmt Flow	4	113	4	2	109	7
Number of Lanes	1	0	1	0	0	1

Approach	WB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	1	1
Conflicting Approach Left	NB		WB
Conflicting Lanes Left	1	0	1
Conflicting Approach Right	SB	WB	
Conflicting Lanes Right	1	1	0
HCM Control Delay	7.8	7.6	8.4
HCM LOS	A	A	A

Lane	NBLn1	WBLn1	SBLn1
Vol Left, %	0%	3%	94%
Vol Thru, %	60%	0%	6%
Vol Right, %	40%	97%	0%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	5	99	99
LT Vol	0	3	93
Through Vol	3	0	6
RT Vol	2	96	0
Lane Flow Rate	6	116	116
Geometry Grp	1	1	1
Degree of Util (X)	0.007	0.133	0.146
Departure Headway (Hd)	4.518	4.098	4.519
Convergence, Y/N	Yes	Yes	Yes
Cap	780	862	789
Service Time	2.614	2.183	2.578
HCM Lane V/C Ratio	0.008	0.135	0.147
HCM Control Delay	7.6	7.8	8.4
HCM Lane LOS	A	A	A
HCM 95th-tile Q	0	0.5	0.5

HCM 6th AWSC

5: Truck Access Drive & Piper Lane

12/19/2018

Intersection

Intersection Delay, s/veh	8
Intersection LOS	A

Movement	SET	SER	NWL	NWT	NEL	NER
Lane Configurations						
Traffic Vol, veh/h	114	2	0	120	7	0
Future Vol, veh/h	114	2	0	120	7	0
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95
Heavy Vehicles, %	18	100	100	6	100	100
Mvmt Flow	120	2	0	126	7	0
Number of Lanes	1	0	0	1	1	0

Approach	SE	NW	NE
Opposing Approach	NW	SE	
Opposing Lanes	1	1	0
Conflicting Approach Left		NE	SE
Conflicting Lanes Left	0	1	1
Conflicting Approach Right	NE		NW
Conflicting Lanes Right	1	0	1
HCM Control Delay	8.1	7.8	9.4
HCM LOS	A	A	A

Lane	NELn1	NWLn1	SELn1
Vol Left, %	100%	0%	0%
Vol Thru, %	0%	100%	98%
Vol Right, %	0%	0%	2%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	7	120	116
LT Vol	7	0	0
Through Vol	0	120	114
RT Vol	0	0	2
Lane Flow Rate	7	126	122
Geometry Grp	1	1	1
Degree of Util (X)	0.013	0.144	0.146
Departure Headway (Hd)	6.361	4.107	4.303
Convergence, Y/N	Yes	Yes	Yes
Cap	566	869	832
Service Time	4.361	2.15	2.342
HCM Lane V/C Ratio	0.012	0.145	0.147
HCM Control Delay	9.4	7.8	8.1
HCM Lane LOS	A	A	A
HCM 95th-tile Q	0	0.5	0.5

Intersection

Int Delay, s/veh 1.1

Movement EBT EBR WBL WBT NBL NBRLane Configurations   5  5  122  14  13

Traffic Vol, veh/h 103 5 5 122 14 13

Future Vol, veh/h 103 5 5 122 14 13

Conflicting Peds, #/hr 0 0 0 0 0 0

Sign Control Free Free Free Free Stop Stop

RT Channelized - None - None - None

Storage Length - - - - 0 -

Veh in Median Storage, # 0 - - 0 0 -

Grade, % 0 - - 0 0 -

Peak Hour Factor 95 95 95 95 95 95

Heavy Vehicles, % 18 0 0 6 0 0

Mvmt Flow 108 5 5 128 15 14

Major/Minor Major1 Major2 Minor1

Conflicting Flow All 0 0 113 0 249 111

Stage 1 - - - - 111 -

Stage 2 - - - - 138 -

Critical Hdwy - - 4.1 - 6.4 6.2

Critical Hdwy Stg 1 - - - - 5.4 -

Critical Hdwy Stg 2 - - - - 5.4 -

Follow-up Hdwy - - 2.2 - 3.5 3.3

Pot Cap-1 Maneuver - - 1489 - 744 948

Stage 1 - - - - 919 -

Stage 2 - - - - 894 -

Platoon blocked, % - - - - -

Mov Cap-1 Maneuver - - 1489 - 741 948

Mov Cap-2 Maneuver - - - - 741 -

Stage 1 - - - - 915 -

Stage 2 - - - - 894 -

Approach EB WB NB

HCM Control Delay, s 0 0.3 9.5

HCM LOS A

Minor Lane/Major Mvmt NBLn1 EBT EBR WBL WBT

Capacity (veh/h) 828 - - 1489 -

HCM Lane V/C Ratio 0.034 - - 0.004 -

HCM Control Delay (s) 9.5 - - 7.4 0

HCM Lane LOS A - - A A

HCM 95th %tile Q(veh) 0.1 - - 0 -



PRELIMINARY STORMWATER MANAGEMENT REPORT

PIPER LANE INDUSTRIAL REDEVELOPMENT 150,000 SF BUILDING 23-25 PIPER LANE PROSPECT HEIGHTS, IL 60070

Prepared For:
CONOR COMMERCIAL REAL ESTATE
Brian Quigley, Executive VP
9500 W. Bryn Mawr, Suite 200
Rosemount, IL 60018

Prepared By:
Pinnacle Engineering Group
Brian Johnson, P.E., CPESC
1051 E. Main Street, Suite 217
East Dundee, IL 60118
847-551-5300
brian.johnson@pinnacle-engr.com

PEG Job No. 1450.00-IL
December 19, 2018



Brian D. Johnson



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SECTION 1: INTRODUCTION & SITE LOCATION

This report was prepared to evaluate the existing drainage conditions and proposed stormwater management for the Piper Lane warehouse located at 23-25 Piper Lane in Prospect Heights, Illinois. See location map in **Appendix A**.

The subject property is comprised of two (2) parcels with a total area of 10.09 acres. The P.I.N. associated with these properties is 03-24-100-045-0000 and 03-24-101-009-0000. The western lot is approximately 5.335 acres in size and does not include any buildings. It was previously developed as a mini-warehouse or self-storage site with multiple single-story facilities in October of 1987. The eastern lot is approximately 4.755 acres in size and does not include any buildings. It was previously used as a concrete crushing operation and has a history of receiving construction materials in conjunction with those operations.

SECTION 2: EXISTING CONDITIONS

2.1 Site History

The existing site was part of a larger area once proposed for a 10,000-seat arena. After those plans fell through in the 1990's, these parcels were bought by the City of Prospect Heights.

2.2 Existing Drainage Conditions

There is an existing stormwater pond in the NW corner providing detention for the western parcel and offsite areas north and west of our site. There is another dry pond south of the multi-family development to the west of our site, that is "interconnected" with our onsite pond connected via storm sewer. The pond release is restricted via an existing 8" Ductile Iron Pipe projecting into an existing storm structure on the North side of Piper Lane at the northeastern corner of the western parcel. The 100-year emergency overflow is conveyed via a special stormwater structure in the northeast corner of the existing pond. The storm sewer is routed to the north to Palatine Road and then East to the Des Plaines River. The eastern parcel does not have any existing stormwater detention but has a storm structure and a storm sewer outfall pipe at the northeastern corner of the property. It is assumed that this area is routed to the Des Plaines River as well.

2.3 Soil Types

According to the United States Department of Agriculture – National Resources Conservation Service Web Soil Survey, the site contains four types of soil. The soil map symbol, description, and hydrologic soil group is listed in **Table 1** below and the Web Soil Survey is in **Appendix C**.

Table 1 – Soil Types Present Onsite

Map Symbol	Map Unit Name	HSG	% of site	Drainage class
152A	Drummer silty clay loam, 0-2% slopes	B/D	29.2%	Poorly drained
290B	Warsaw silt loam, 2-4% slopes	B	6.6%	Well drained
442A	Mundelein silt loam, 0-2% slopes	B/D	16.7%	Somewhat poorly drained
802B	Orthents, loamy, undulating, 1-6% slopes	C	47.5%	Well drained

Soils within the disturbed area are mostly classified as Orthents, Clayey, Undulating, and Drummer silty clay loam. The smaller areas of this site are classified as Mundelein silt loam and Warsaw silt loam. The native soils have Hydrologic Soil Group (HSG) classifications of B, B/D, and C.

2.4 *Wetlands*

There are no wetlands on or adjacent to the site. See **Appendix D** for the National Wetlands Inventory map.

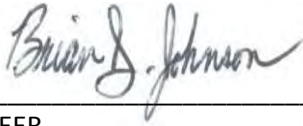
2.5 *Floodplain*

The site is within "Other Areas Zone X" which is determined to be outside the 0.2% annual chance floodplain as indicated on FIRM Map number 17031C0207J. See **Appendix E** for the effective FIRM.

FLOOD PROTECTION AREA CERTIFICATION

THE PROPERTY IS LOCATED IN "OTHER AREAS" ZONE X WHICH IS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN PER FLOOD INSURANCE RATE MAP COOK COUNTY, ILLINOIS MAP NO. 17031C0207J, EFFECTIVE DATE AUGUST 19, 2008.

DATED THIS 19th DAY OF DECEMBER, 2018.



ENGINEER

SECTION 3: PROPOSED CONDITIONS

Various stormwater management improvements were evaluated to examine the overall benefit to the drainage system while maintaining existing drainage patterns and ensuring no negative drainage impacts on the surrounding area.

3.1 *Proposed Drainage Conditions*

The proposed improvements include the removal of all existing structures and parking lots and the construction of a new industrial building, truck docks, parking lot, utilities, and detention basins. The total disturbed area is 10.09 ac. The total site proposed impervious area is 6.677 ac. (66.2%). There is an existing detention basin that covers 0.902 ac that will remain but will be modified. The site will be tributary to three different stormwater management areas. The western half of the site (West Parcel) will be tributary to the existing basin in the northwest corner. The eastern half of the site will be tributary to a new proposed stormwater facility on the northern portion of the site. The eastern half will also have a section tributary to an underground vault system for stormwater management.

Table 2 – Stormwater Summary

Location	Tributary Area		Runoff Vol. Reduction (RVR) Required (ac-ft)	Runoff Vol. Reduction (RVR) Provided (ac-ft)	Rate Control / Detention Required (ac-ft)	Rate Control / Detention Provided (ac-ft)
	Onsite Area (ac)	Offsite Area (ac)				
West Pond Onsite	5.335	12.705	0.240	0.245 (for developed area)	3.37 (per permit 87-824)	3.47 (incl. 0.245 RVR+ 0.29 offsite pond)
East Pond 1	4.203	0	0.260	0.262	1.14	1.15 (incl. 0.262 RVR)
East Pond 2 (Underground)	0.554	0	0.013	0.050	0.15	0.157 (incl. 0.050 RVR)

3.2 *Groundwater Analysis*

A Geotechnical Subsurface Investigation was performed by Environmental Protection Industries (EPI) on September 25, 2018. Two soil borings (B-04 & B-11) were drilled in the area of the proposed volume control and detention basin. See the soil borings in **Appendix G**. As indicated in the report, groundwater was encountered 16' below the surface during drilling and 12' after drilling in location B-04. In boring location B-11, due to prior use, the site has $\pm 6'$ of fill and there was auger refusal at 6' below surface. It is assumed that the actual ground water level is consistence with the previous borings in B-04 and should not impact the infiltration areas.

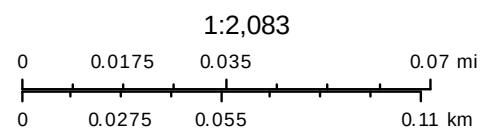
SECTION 4: SUMMARY

The proposed stormwater management plan exceeds the MWRDGC and City of Prospect Heights requirements. In conjunction with these improvements, the development reduces peak flows and increases onsite infiltration. See the attached appendices for maps and calculations supporting the proposed development.

Cook County CookViewer Output



September 4, 2018



Cook County GIS Dept - Imagery from 2017



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MSDGC Permit No. 87-824
IEPA Log No. _____
TO SYSTEMS SECTION

SEWERAGE SYSTEM PERMIT

THE
METROPOLITAN SANITARY DISTRICT
OF GREATER CHICAGO
100 EAST ERIE, CHICAGO, ILLINOIS 60611 - 751-5600

INSTRUCTIONS FOR FILLING FORMS: Submit *typed* forms of permit and schedules in quadruplicate; complete all information or indicate non-applicability; do not leave any blank spaces; use "X" for checking applicable information. Submit four copies of location map, plans and all applicable schedules. Submit two copies of specifications, where applicable. Address all correspondence to Local Sewer Systems Section; for any inquiries or assistance, telephone 751-5789.

NAME AND LOCATION:

Name of project (as shown on plans): Piper Lane Miniwarehouse P.U.D.
Location of Project (street address or
with respect to two major streets): South of Palatine Rd. & East of Wolf Rd.

Municipality (Township, if unincorporated): Prospect Heights
Section 24, Township 42 N Range 11 E.
Is project in MSDGC combined sewer area Yes ☐ No ☒

(OFFICE USE ONLY: X 010364, Y 010346, Code 1128,
Receiving STP and/or Lift Station other STP.)

DOCUMENTS BEING SUBMITTED: If project involves any of the items listed below, submit the corresponding schedule.

- | | |
|---|------------|
| ☒ Basic Information (Required in all cases) | Schedule A |
| ☒ Sewer Connection(s) | Schedule B |
| ☒ Sewer Extension(s) | Schedule C |
| ☐ Detention Facilities | Schedule D |
| ☐ Lift Station and/or Force Main | Schedule E |
| ☐ Characteristics of Waste Discharges | Schedule F |
| ☐ Treatment or Pre-treatment Facilities | Schedule G |
| ☐ Certification Relative to Compliance with Art. 4-1, 6-2d, and 6-3b | Schedule H |
| ☐ Affidavit Relative to Compliance with Art. 4-1, 6-2d, and 6-3b | Schedule J |
| ☒ Affidavit of Disclosure of Property Interest | Schedule K |
| ☐ Notice of Requirements for Storm Water Detention | Schedule L |
| ☐ Affidavit Relative to Compliance with Art. 6-4 | Schedule M |

OTHER DOCUMENTS: Indicate title, number of pages and originator:

1. **Adequacy of Design.** The schedules, plans, specifications and all other data and documents submitted for this permit are made a part hereof. The responsibility for the adequacy of the design shall rest solely with the Design Engineer and the issuing of this permit shall not relieve him of that responsibility. The issuance of this permit shall not be construed as approval of the concept or construction details of the proposed facilities and shall not absolve the Permittee, Co-Permittee or Design Engineer of their respective responsibilities.
2. **Joint Construction and Operation Permits.** Unless otherwise stated by the Special Conditions, the issuance of this permit shall be a joint construction and operation permit provided all General, Standard and Special Conditions are complied with.
3. **Allowable Discharges.** Discharges into the sanitary sewer system constructed under this permit shall consist of sanitary sewage only. Unless otherwise stated by the Special Conditions, there shall be no discharge of industrial wastes under this permit. Storm waters shall not be permitted to enter the sanitary sewer system. Without limiting the general prohibition of the previous sentence, roof and footing drains shall not be connected to the sanitary sewer system.
4. **Construction Inspection.** All sewer construction shall be inspected and approved by a Registered Professional Engineer acting on behalf of the Permittee or the owner of the project, or by a duly authorized and competent representative of the Professional Engineer. No sewer trenches shall be backfilled except as authorized by the Inspection Engineer after having inspected and approved the sewer installation.
5. **Maintenance.** The sewer connections, lines, systems or facilities constructed hereunder or serving the facilities constructed hereunder shall be properly maintained and operated at all times in accordance with all applicable requirements. It is understood that the responsibility for maintenance shall run as a joint and several obligation against the property served, the owner and/or the operator of the facilities, and said responsibility shall not be discharged nor in any way affected by change of ownership of said property.

MSDGC STANDARD CONDITIONS

6. **Indemnification.** The Permittee shall be solely responsible for and shall defend, indemnify and save harmless the Metropolitan Sanitary District of Greater Chicago (hereinafter MSDGC) from and against any and all claims, costs, damages, or expenses the MSDGC may suffer, incur, sustain or become liable for on account of any injury to, or death of, any person or persons, or any damage to, or destruction of, any real or personal property that may be caused by the construction, use, state of repair, operation and maintenance of the proposed facilities, arising out of or in consequence of the issuance of this permit. Without limiting the generality of the preceding sentence, the provisions of this paragraph shall extend to indemnify and save harmless the MSDGC from any claims or damages arising out of or in connection with the termination or revocation of this permit.
7. **Construction by MSDGC.** Permittee understands and acknowledges that the MSDGC has the right and power to construct and extend sewer service facilities and render such services within the area to be served by the project for which this permit is issued, and that by the MSDGC constructing and extending such sewer service facilities and rendering such services, the facilities constructed by the Permittee under this permit may decrease in value, become useless or of no value whatsoever, the Permittee may also sustain a loss of business, income and profits.

Therefore, by accepting this permit and acting thereon, the Permittee, for itself, its successors and assigns, does remise, release and forever discharge the MSDGC of any and all claims whatsoever which Permittee may now have or hereafter acquire and which Permittee's successors and assigns hereafter can, shall, or may have against the MSDGC for all losses and damages, either direct or indirect, claimed to have been incurred by reason of the construction or extension at any time hereafter by the MSDGC of sewer service facilities in the service area contemplated by this permit, the rendering of such services, which MSDGC facilities and services decrease the value of the facilities constructed by the Permittee under this permit, make same useless or of no value whatsoever, including but not limited to, any and all damages arising under Illinois Revised Statutes, Chapter 42, Section 339; the taking of private property for public use without due compensation; the interference with the contracts of Permittee; the interference with Permittee's use and enjoyment of its land; and the decrease in value of Permittee's land.

8. **Third Parties.** This permit does not grant the right or authority to the Permittee: (a) to construct or encroach upon any lands of the MSDGC or of any other parties, (b) to construct outside of the territorial boundaries of the MSDGC, (c) to construct or encroach upon the territorial boundaries of any units of local government within the MSDGC, (d) to connect to or discharge into or be served by (directly or indirectly) any sewer or sewer system owned or operated by third parties.
9. **Costs.** It is expressly stipulated and clearly understood that the sewerage system or facilities for which the permit is issued shall be constructed, operated and maintained at no cost to the MSDGC.

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ENGINEERING CERTIFICATIONS

MSD

87-824

CERTIFICATE BY DESIGN ENGINEER: I hereby certify that the project described herein has been designed in accordance with the requirements set forth in this application and all applicable ordinances, rules, regulations, Local, State and Federal Laws, and design criteria of the issuing authority; that the storm drainage and sanitary sewer system designed for this project are proper and adequate; that, where the design involves one or more connections to an existing local sewer system, the capacity of said system has been examined and the system is found to be adequate to transport the wastewater that will be added through the proposed sewer without violating any provisions of the Illinois Environmental Protection Act or the rules and regulations thereunder.

Comments, if any: _____

Engineering Firm: Cowhey Gudmundson Leder, Ltd. Telephone: 312/773-2727

Address: One Pierce Place, City: Itasca, IL Zip: 60143

Signature Randall A. Drueck Date: 11-12-87
(Name and Title)

Randall A. Drueck

CERTIFICATE BY MUNICIPAL OR SYSTEM ENGINEER: The application and the drawings, together with other data being submitted with this application, have been examined by me and are found to be in compliance with all applicable requirements. The manner of drainage is satisfactory and proper. The existing local sewer system to which the project discharges has been examined and the system is found to be adequate to transport the wastewater that will be added through the proposed sewer without violating any provisions of the Illinois Environmental Protection Act or the rules and regulations thereunder.

Comments, if any: _____

Owner of Local Sewer System City of Prospect Heights

Municipal Engineer Eldred DuSold, P.E. Telephone: 398-6070

Address: McDonald Rd. City: Prospect Heights, IL Zip: 60070

Signature Eldred DuSold Date: 11-19-87
(Name and Title)

Eldred DuSold, P.E.
City Engineer

CERTIFICATE BY INSPECTION ENGINEER: I hereby certify that construction of the project will be in substantial compliance with the data and the plans submitted with this application; that approval will be obtained from the issuing authority prior to making any changes that would affect capacity, maintenance, design requirements, service area or the permit requirements; that a set of "As-Constructed" drawings, certified to be correct, over the signatures of both the Contractor and the Undersigned Engineer will be furnished to the MSDGC within sixty (60) days after testing and approval by the District of the completed work.

Engineering Firm: Cowhey Gudmundson Leder, Ltd. Telephone: 312/773-2727

Address: One Pierce Place City: Itasca, IL Zip: 60143

Signature Randall A. Drueck Date: 11-12-87
(Name and Title)

Randall A. Drueck, P.E.

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Permit Application

87-824

Schedule K

AFFIDAVIT OF DISCLOSURE OF PROPERTY INTEREST

STATE OF ILLINOIS)
) SS
COUNTY OF COOK)

Name of Project: Piper Lane Miniwarehouse P.U.D.

Location of Project: South of Palatine Rd. & East of Wolf Rd.

A. Richard J. Krohn

(Name of Affiant - Type or Print)

sworn under oath, states that he is ~~(the owner and record title holder)~~, (a principal beneficiary of Land Trust No. 10-24433-08 held by LaSalle National Bank as Trustee), ~~an Officer~~

(Name of Trust Holder)

~~Corporation), (a~~

~~(official capacity)~~

(Name of Corporation)

~~General Partner of~~ Partnership, which is the record title holder of

(Name of Partnership)

the property which is the subject of a certain sewerage system permit application (covering the project indicated and designated by the number shown above) filed with the Metropolitan Sanitary District of Greater Chicago, which property is shown on the attached plat of survey which together with the legal description of the property are attached hereto as Exhibit "A" and specifically incorporated by reference herein.

B. Affiant further states that said property described in Exhibit "A" has a total area of 6.19 acres and constitutes the total contiguous ownership of the owner, and that the portion of the property currently proposed for development consists of 6.19 acres, and the property is intended for use as described hereinafter: Storage Warehouse Facility

*C. Affiant further states that, because of its size and intended use, the property described in Exhibit "A" comes under the requirements of the MSDGC with respect to the establishment of on-site storm water detention, and that such detention facilities will be provided as part of the project in accordance with the design and calculations furnished to satisfy said requirements with respect to the property described in Exhibit "A", and further states that:

1. The owner of the property or any beneficiary of a land trust, if any, which is the record title holder of the property has no present interest, nor had any interest at any time during the previous two years, in any lands contiguous to said property. (If such interest is or was held, detention must be provided for the total.)

2. No owner of any lands contiguous to the property and no beneficiary of a land trust, if any, which is the record title holder of any land contiguous to the property has any interest in the property. (If such interest is held, detention must be provided for the total.)

3. Affiant understands and agrees that any permit issued by MSDGC in reliance upon this affidavit shall be deemed to contain a special condition that if, within two years after the issuance of the permit, the owner or any beneficiary of a land trust, if any, which is the record title holder of the property, acquires any interest in lands contiguous to the property, the owner shall provide for storm water detention for such lands in which an interest is acquired, regardless of the size of such lands.

~~*D. Affiant further states that, because of its size and intended use, the property described in Exhibit "A" is exempt from the requirements of the MSDGC with respect to the establishment of on-site storm water detention, and further states that:~~

1. The owner of the property or any beneficiary of a land trust, if any, which is the record title holder of the property has no present interest, nor had any interest at any time during the previous two years, in any lands contiguous to said property, such that the aggregate total area of the property and the contiguous lands exceeds five (5) acres. (If such interest is or was held, detention must be provided for the total.)

(Affidavit to be submitted with all permit applications in separate sewer areas.)

Delete paragraph C if exemption is claimed. Delete paragraph D if no exemption is claimed.

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MSD Permit Application No.

87-824

~~2. No owner of any lands contiguous to the property and no beneficiary of a land trust, if any, which is the record title holder of any land contiguous to the property has any interest in the property, such that the aggregate total area of the property and the contiguous lands exceeds five (5) acres. (If such interest is held, detention must be provided for the total.)~~

3. Affiant understands and agrees that any permit issued by MSDGC in reliance upon this affidavit shall be deemed to contain a special condition that if, within two years after the issuance of the permit, the owner or any beneficiary of a land trust, if any, which is the record title holder of the property acquires any interest in lands contiguous to the property such that the aggregate area of the property and the contiguous lands exceeds five (5) acres, the owner shall provide for ~~storm water detention for the entire aggregate area.~~

This affidavit is given to induce the Metropolitan Sanitary District of Greater Chicago to issue its sewerage system permit with respect to the aforescribed property and to exempt said property from any present requirements to provide and maintain storm water detention facilities thereon.

E. Affiant further states, that for the purpose of this affidavit, the following terms have the meanings indicated:

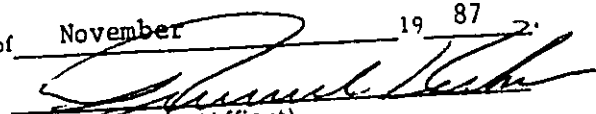
Owner: means record title holder or a beneficiary of a land trust which is the record title holder, and includes singular and plural; if the owner is other than an individual, the term includes beneficiaries, agents, shareholders, officers and directors.

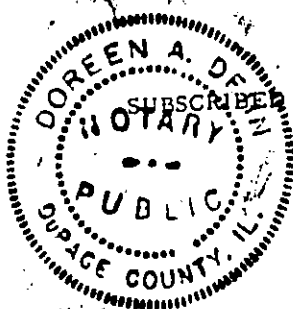
Ownership: means holding of record title or any beneficial interest.

Interest: means property interest or contractual interest, legal or equitable, directly or indirectly, in part or in full, and includes option to buy. In the case of shareholder interest, the shareholder shall be deemed to have interest if he owns or controls 5% or more of the shares.

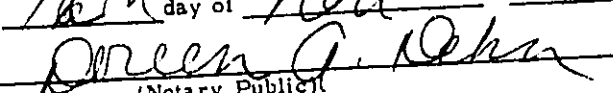
Contiguous: means adjacent to and touching at one point or more; if the lands are separated by an easement or a dedicated right-of-way, it shall be considered contiguous.

F. Affiant understands and agrees that in the event that any of the aforementioned information is incorrect, erroneous, false or misleading, the District shall have the option to immediately terminate any permit issued based on the above information.

Dated this 12th day of November 19 87

(Affiant)



SUBSCRIBED and SWORN to before me this

12th day of Nov 19 87

(Notary Public)

OFFICE COPY**SCHEDULE B - SEWER CONNECTIONS**

BUILDING INFORMATION: Building sewer connection is ☒ part of this permit; if part of this permit, complete the following:

1. TYPE OF CONSTRUCTION: Residential ☐, Commercial ☒, Light Industrial ☐, Manufacturing ☐, Recreational ☐, Existing Septic System to be abandoned ☐, Other Storage warehouse.
2. RESIDENTIAL BUILDINGS: Single Family ☒, Multiple Family ☐. If single family: Total dwelling units 1; Estimated total population 2. If multiple family: Number of buildings 1; Number of dwelling units per building 1; Total number of sewer connections 1; Estimated total population 2.
3. NON-RESIDENTIAL BUILDINGS: Describe use of building Storage warehouse. Product manufactured or process used none. Number of buildings to be served under this permit 1. Number of sewer connections under this permit 1. Estimated number of employees 2. Estimated number of occupants (transients) 0. Estimated total flow 200 gpd. Population equivalent (If based on BOD, use IPCB basis) 2.
4. BUILDING USE: Use of building will involve the following: Food preparation Yes ☐ No ☒; Food processing Yes ☐ No ☒; Auto Service Yes ☐ No ☒; Auto Wash Yes ☐ No ☒. If building involves any of these uses, indicate if sewer connections will receive domestic sewage only ☐, will receive other wastes (commercial, not industrial) ☐; if wastes other than domestic are discharged, indicate method of control being provided; Grease separator ☐, Triple Basin ☐, Mud Basin ☐, other ☐ specify . Indicate whether control is inside ☐, or outside building ☐. Industrial waste is ☐; is not ☒ produced by the intended use of the building. (Unless permitted under the special conditions, discharge of industrial waste is prohibited). If industrial waste is produced, submit Schedule F, indicate method of disposal . This project includes a swimming pool: Yes ☐, No ☒; if yes, submit piping drawings.

5. Complete summary of Sanitary Sewers on Schedule C.

SCHEDULE C - SEWER EXTENSIONS

NATURE OF PROJECT: Project consists of single sewer extension to serve the building(s) indicated above (no further extensions anticipated) ☒; Consists of a sewer system (to serve a subdivision) ☐; Consists of a trunk sewer only (outlet sewer with no proposed connections) to serve future development ☐. Project is publicly financed Yes ☐, No ☒.

AREA AND POPULATION: Submit a map of service area and complete the following:

1. Area serviceable by the sewers covered by this permit (including area to be served hereunder) 6.193 acres; population 2.
2. Potential service area of sewers covered by this permit, including planned or anticipated extensions acres; population .
3. Design flow: average (if based on other than 100 gpcpd) 100 gpcpd; Maximum design flow as percent of average 400%. (Use MSDGC Manual of Procedures, Article 3-7).
4. Basis of design for area zoned or planned for non-residential use: Average design flow gpd/acre. Maximum design flow as percent of average .

SUMMARY OF SANITARY SEWERS (INCLUDE ALL SEWERS IN COMBINED SEWER AREA): Include building service sewers (stubs or risers) if any.

Pipe size - inches	6"	8"					
Total length - feet	72	30					
Min. slope used - %	1.00	0.50					
Max. slope used - %	1.00	0.50					
Pipe Material & Spec.	PVC (SDR-35) ASTM-D-3034						
Joint Material & Spec.	PVC (SDR-35) ASTM-D-3212						
Total Manholes	1	1					
Total Cleanouts	0	0					

OFFICE COPY

MSDGC Permit No. 87-824
IEPA, LBN

SCHEDULE D - DETENTION*

I. Project Information

Name of Project (as shown on plans) Piper Lane Miniwarehouse P.U.D.

Location South of Palatine Rd. and East of Wolf Rd.

Design criteria: MSDGC []; Local Government []; Other []

II. Determination of Allowable Release Rate - Undeveloped Site:

1. Area of site 18.04 acres
2. Average ground slope foot/foot
3. Overland flow distance feet
4. Overland flow time of concentration minutes
5. Average slope of channelized flow (See Note a) foot/foot
6. Channelized flow distance (See Note a) feet
7. Channelized flow time of concentration minutes
8. Total time of concentration (Line 4 + Line 7) minutes
9. Rainfall intensity for three-year storm inches/hr.
10. Runoff coefficient (Use $c=0.15$ as maximum, see Article 6-4b(1) of the MSDGC Manual)
11. Allowable release rate, (line 1 x line 9 x line 10: $Q=ciA$). 18.04 Ac. x 0.15 CFS/AC = 2.71 cfs.

Note a: For flow in a well defined channel determine time of concentration from measured lengths, cross-sections and slopes and submit necessary calculations and drawings.

III. Determination of Reservoir Size - Developed Site:

12. Impervious drainage area acres
13. Pervious drainage area acres
14. Composite runoff coefficient (c). (Submit calculations) 0.71
15. Required reservoir capacity (Submit calculations) 3.37 acre-feet

IV. Permissible Bypass Rate through Development Site from Upstream Area:

16. Total area upstream 10.80 acres
17. Future/present impervious area (cross out inappropriate case) acres
18. Future/present pervious area (cross out inappropriate case) acres
19. Composite runoff coefficient (Must not be less than 0.35 per MSDGC Manual of Procedures Article 6-4b(2)) acres
20. Design storm frequency for the upstream area year
(Design storm frequency shall be as determined by local ordinance; if no local requirement is established, use 5-yr. storm frequency.)
21. Time of concentration for the upstream area at point of entry; upstream area to be considered as developed. (By same method as line 8) minutes
22. Design storm intensity for above duration inches/hour
23. Permissible bypass rate (line 16 x line 19 x line 22) 3.198 cfs. *

(* refer to calculations)

* If more than one detention reservoir is provided, submit separate schedules and calculations as necessary.

Engineering Firm Cowhey Gudmundson Leder, Ltd.

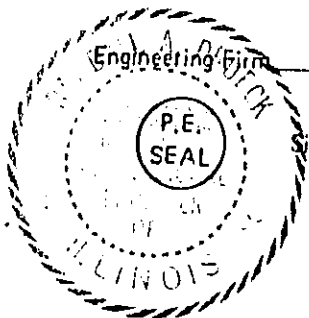
Signature

Randall A. Drueck

(Name and Title)

Date 11-12-87

Randall A. Drueck, P.E.



SPECIAL CONDITIONS FOR PERMIT NO. 87-824

87-824

1. This permit is issued in reliance upon the Affidavit of Disclosure of Property Interest (Schedule K) submitted by the owner, and said Affidavit is incorporated herein and made a part hereof.
2. The storm water detention facilities shown on the plans are made a part of this permit. Construction of these facilities shall proceed prior to or concurrently with other construction on the project and shall be completed before any occupancy occurs. The detention is provided by a detention basin with a 8 inch diameter restrictor pipe.
3. The proposed 8 inch diameter restrictor pipe shall have a projecting sharp edge.
4. The detention facilities proposed under this permit supersede the facilities covered by MSD Permit No. 78-557. The detention facilities of MSD Permit No. 78-557 shall not be eliminated until such time as the proposed detention facilities and storm structures are completed.

10. **Other Construction.** The MSDGC reserves the right, privilege and authority to permit others to reconstruct, change, alter and replace all sewers and appurtenances thereto at the point of connection of any sewerage system to an MSDGC interceptor and/or in public right-of-ways of MSDGC easements, and to introduce additional sewage flow through this connection into the intercepting sewer of said MSDGC.
11. **Change of Use.** This permit shall be incorporated in the Building and Occupancy Permit for the building or buildings served under this permit. The owner or occupant of any building served under this permit shall not cause, or permit, a change of use of the building to a use other than that indicated in this permit without first having obtained a written permission from the General Superintendent of the MSDGC.
12. **Interceptors Overloading.** The MSDGC hereby serves notice that its interceptors may flow full and may surcharge, and flooding of the proposed system may occur. The Permittee agrees that the proposed systems shall be constructed, operated and maintained at the sole risk of the Permittee.
13. **Non-Transferability.** This permit may not be assigned or transferred without the written consent of the General Superintendent of the MSDGC.
14. **Termination.** It is understood and agreed that in the event the Permittee shall default in or fail to perform and carry out any of the covenants, conditions and provisions of this permit and such default or violation shall continue for sixty (60) days after receipt or notice thereof in writing given by the General Superintendent of the MSDGC, then it shall be lawful for the MSDGC at or after the expiration of said sixty (60) days to declare said permit terminated. The Permittee agrees that immediately upon receipt of written notice of such termination it will stop all operations, discontinue any discharges and disconnect the sewerage system or facilities constructed under this permit. If the Permittee fails to do so, the MSDGC shall have the right to disconnect said system. The Permittee hereby agrees to pay for any costs incurred by the MSDGC for said disconnection. The various rights and remedies of the MSDGC contained in this permit shall be construed as cumulative, and no one of them shall be construed as exclusive of any one or more of the others or exclusive of any other rights or remedies allowed by applicable rules, regulations, ordinances and laws. An election by the MSDGC to enforce any one or more of its rights or remedies shall not be construed as a waiver of the rights of the MSDGC to pursue any other rights or remedies provided under the terms and provisions of this permit or under any applicable rules, regulations, ordinances or laws.
15. **Expiration.** This permit shall expire if construction has not started within one (1) year from the date of issue. Construction under an expired permit is deemed construction without a permit. All construction under this permit shall be completed within two (2) years after start of construction. If conditions so warrant, an extension may be granted. For publicly financed projects (e.g. special assessments) the one (1) year period indicated will be considered from the date of final court action.
16. **Revocation.** In issuing this permit, the MSDGC has relied upon the statements and representations made by the Permittee or his agent. Any incorrect statements or representations shall be cause for revocation of this permit, and all the rights of the Permittee hereunder shall immediately become null and void.
17. **Advance Notice.** Prior to commencement of construction under this permit, the Permittee shall give the MSDGC an advance notice of at least two working days. When advance notice is given, the Permittee shall provide the permit number, municipality and location.
18. **Compliance with Plans and Specifications.** All construction shall be in accordance with the plans and specifications submitted for this permit and made a part hereof. No changes in, or deviation from the plans and specifications which affect capacity, maintenance, design requirements, service area or permit requirements shall be permitted unless revised plans shall have been submitted to, and approved by, the MSDGC. The permit together with a set of the plans and specifications (revised plans and specifications, if any) shall be kept on the job site at all times during construction until final inspection and approval by the MSDGC.
19. **Testing and Approval.** All construction under this permit shall be subject to inspection, testing and approval by the MSDGC. All testing shall be made, or caused to be made, by the Permittee at no cost to the MSDGC and in the presence of the MSDGC representative. Upon satisfactory completion of construction, the Permittee and the owner shall submit, or cause to be submitted, a completion certificate and request for approval on the form prescribed by the MSDGC. No sewer or other facilities shall be put in service until all the conditions of the permit have been satisfactorily met.
20. **"As-Constructed Drawings."** Within sixty (60) days after final inspection and approval by the MSDGC, the Permittee shall furnish, or cause to be furnished to the MSDGC, a set of "As-Constructed" drawings, or a statement that the project was constructed in accordance with the original plans and specifications.
21. **Compliance with Rules and Regulations.** The Permittee hereby expressly assumes all responsibilities for meeting the requirements of all applicable rules, regulations, ordinances and laws of Local, State and Federal authorities. Issuance of this permit shall not constitute a waiver of any applicable requirements.

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MSDGC Permit No. **87-824**

IEPA Log No. _____

SPECIAL CONDITIONS: This permit is issued subject to the MSDGC's General Conditions, Standard Conditions and the following Special Conditions:

ATTACHED HERETO IS ONE PAGE OF SPECIAL CONDITIONS MADE A PART HEREOF

CERTIFICATE BY APPLICANTS: We have read and thoroughly understand the conditions and requirements of this permit application, and agree to conform to the permit conditions and other applicable requirements of the MSDGC. It is understood that construction hereunder, after the permit is granted, shall constitute acceptance by the applicants of any Special Conditions that may be placed hereon by the MSDGC. It is further understood that this application shall not constitute a permit until it is approved, signed and returned by the Chief Engineer of the MSDGC.

Title to permit premises is held in a land trust: Yes [X], No []. If yes, disclosure of beneficiaries is required.

If permit is granted: please return two copies of the permit to the Permittee []/Please mail one copy to Permittee and one copy to the person designated below [X]:

Name	<u>Randall A. Drueck, P.E.</u>	Address	<u>One Pierce Place</u>
	<u>Cowhey Gudmundson Leder, Ltd.</u>		<u>Itasca, IL 60143</u>
	PERMITTEE		CO-PERMITTEE*
Municipality	<u>City of Prospect Heights</u>	Owner	<u>Krohn Development Corp.</u>
Address	<u>4 E. Camp McDonald Rd.</u>	Address	<u>950 Milwaukee Rd.</u>
	<u>Prospect Heights, IL Zip 60070</u>		<u>Glenview, IL Zip 60025</u>
Signature	<u><i>Robert Kiezy</i></u>	Signature	<u><i>Richard J. Krohn</i></u>
Name &		Name &	
Title	<u>Robert KIEZY, CITY Administrator</u>	Title	<u>Richard J. Krohn, Pres.</u>
Date	<u>11-19-87</u>	Phone	<u>398-6070</u>
		Date	<u>11-12-87</u>
		Phone	<u>635-6040</u>

*(As required by MSDGC Ordinance; in other cases, as requested by Permittee)

87-824

REVIEW AND APPROVAL BY THE MSDGC

Reviewed by *Raymond J. Sykes* Date 12.8.87
(Local Sewer Systems)

Approved for issue:

THE METROPOLITAN SANITARY DISTRICT
OF GREATER CHICAGO

Date of Issue: DEC - 9 1987 By: *F. E. Juliano*
For the (Chief Engineer)

Rev. R 11/3/87

STORMWATER DETENTION CALCULATIONS

8. DETENTION STORAGE PROVIDED: **87-824**

- DRY BASIN

639.50	0.292 AC.	}	AVG.	
639.00	0.264 AC.			
638.00	0.030 AC.	}		
637.02	0.000 AC.			
				$0.278 \times 0.5 = 0.139 \text{ AC.FT.}$
				$0.147 \times 1.0 = 0.147$
				$0.015 \times 0.4 = 0.006$

- WET BASIN

639.50	1.070 AC.	}		
639.00	0.020 AC.			
638.00	0.950 AC.	}		
637.00	0.860 AC.			
636.15	0.790 AC.	}		
				$1.045 \times 0.5 = 0.523$
				$0.985 \times 1.0 = 0.985$
				$0.905 \times 1.0 = 0.905$
				$0.825 \times 0.85 = 0.700$
				TOTAL = 3.405 AC.FT.

9. RESTRICTOR DESIGN:

THE PROPOSED RESTRICTOR WILL BE LOCATED IN THE DOWNSTREAM INVERT OF AN EXISTING INLET ON THE NORTH SIDE OF PIPER LANE AT THE NORTHWEST CORNER OF THIS SITE.

USE A 2' LONG SECTION OF 8" DIA. D.I.P. AND GROUT IT SECURELY INTO THE INVERT OF THE 15" R.C.P. FLOWING NORTH. THE 8" D.I.P. SHOULD PROJECT 0.50' INTO THE INLET.

$$\text{HEAD OF WATER} = 639.50 - (635.99 + 0.33) = 3.18 \text{ FT.}$$

$$Q_{\text{ACTUAL}} = CA\sqrt{2gH} = (0.50)(0.3491)\sqrt{2(32.2)(3.18)} = \underline{\underline{2.50 \text{ CFS.}}}$$

STORMWATER DETENTION CALCULATIONS

8. DETENTION STORAGE PROVIDED:

- DRY BASIN

639.50

0.292 AC.

AVG.

$$0.278 \times 0.5 = 0.139 \text{ A.F.T.}$$

639.00

0.204 AC.

$$0.147 \times 1.0 = 0.147$$

638.00

0.030 AC.

$$0.015 \times 0.4 = 0.006$$

637.62

0.000 AC.

- WET BASIN

639.50

1.070 AC.

$$1.045 \times 0.5 = 0.523$$

639.00

1.020 AC.

$$0.985 \times 1.0 = 0.985$$

638.00

0.950 AC.

$$0.905 \times 1.0 = 0.905$$

637.00

0.860 AC.

$$0.825 \times 0.85 = 0.700$$

636.15

0.790 AC.

$$\text{TOTAL} = 3.405 \text{ AC.FT.}$$

9. RESTRICTOR DESIGN:

THE PROPOSED RESTRICTOR WILL BE LOCATED IN THE DOWNSTREAM INVERT OF AN EXISTING INLET ON THE NORTH SIDE OF PIERCE LANE AT THE NORTHWEST CORNER OF THIS SITE. USE A 2' LONG SECTION OF 8" DIA. D.I.P. AND GROUT IT SECURELY INTO THE INVERT OF THE 15" R.C.P. FLOWING NORTH. THE 8" D.I.P. SHOULD PROJECT 0.50' INTO THE INLET.

$$\text{HEAD OF WATER} = 639.50 - (635.99 + 0.67) = 2.84 \text{ FT.}$$

$$Q_{\text{ACTUAL}} = CA \sqrt{2gH} = (0.79)(0.3491) \sqrt{2(32.2)(2.84)} = 2.36 \text{ CFS.}$$

81-224

Frequency 10 Yr.
Roughness Coeff. 0.013
Runoff Coeff. 0.75

DESIGNER R.A.D.

DATE 11-6-82

PROJECT PIPE-LINE MINIWAREHOUSE

DESCRIPTION STORM SEWER DESIGN

LOCATION	MH-MH	AREA		CXA	TIME		I	Q	PIPE	SLOPE %	VEL	LENGTH	CAP.	UPPER MH		LOWER MH	
		Added	Total		Flow	T/C								Rim	Inv	Rim	Inv
	I ₁ -I ₂	0.95 0.95	0.95/0.20 0.34	0.19		10 MIN	5.57	1.00	18"	0.26	2.05	170'	1.12	640.90	638.05	640.70	637.59
	I ₂ -M ₃	0.95 0.14	0.95/0.34 0.34	0.32		10 MIN	5.57	1.78	12"	0.26	2.31	71'	1.82	640.90	637.43	641.00	637.25
	M ₃ -M ₄	0.95 0.04	0.95/0.38 0.38	0.30		10 MIN	5.57	2.01	12"	0.36	2.72	55'	2.14	641.00	637.25	640.70	637.05
	I ₃ -M ₄			0.23		10 MIN	5.57	1.28	10"	0.36	2.41	203'	1.31	640.90	637.98	640.70	637.25
	M ₄ -C ₁	0.95 0.25	0.95/0.38 0.38														
		0.95 0.19	0.95/0.81 0.81	0.77		10 MIN	5.57	4.29	15"	0.50	3.72	55'	4.50	640.70	636.83	640.70	636.55
	I ₅ -C ₂		0.33 0.21	0.07		20 MIN	4.03	0.28	10"	0.26	2.05	148'	1.12	639.50	637.93	640.20	637.55
	C ₂ -M ₇	0.95 0.53	0.95/0.74 0.74	0.53	1 MIN	21 MIN	3.92	2.08	15"	0.20	2.35	215'	2.89	640.20	637.30	640.90	636.87
	M ₇ -C ₁	0.95 0.32	0.95/0.96 0.96	0.74	1 MIN	22 MIN	3.82	2.82	15"	0.20	2.35	160'	2.89	640.90	636.87	640.70	636.55
	I ₉ -M ₆		0.45 0.25	0.11		20 MIN	4.03	0.44	10"	0.32	2.27	40'	1.24	639.50	637.45	641.20	637.32
	I ₄ -I ₃		0.95 0.14	0.13		10 MIN	5.57	0.72	10"	0.32	2.27	180'	1.24	640.90	638.28	640.90	637.70
	I ₇ -M ₆	0.95 0.20	0.95/0.34 0.34	0.32		10 MIN	5.57	1.78	12"	0.32	2.57	120'	2.02	640.90	637.54	641.20	637.16
	M ₆ -M ₅	0.95 0.34	0.95/0.34 0.34														
		0.45 0.25	0.45/0.63 0.63	0.47		20 MIN	4.03	1.89	12"	0.32	2.57	55'	2.02	641.20	637.16	640.70	636.98
	I ₆ -M ₅		0.95 0.22	0.21		10 MIN	5.57	1.17	10"	0.32	2.27	190'	1.24	640.90	637.76	640.70	637.15
	M ₅ -C ₁	0.95 0.22	0.95/0.22 0.22														
		0.75 0.63	0.75/1.07 1.07	0.89		20 MIN	4.03	3.59	15"	0.32	2.98	55'	3.65	640.70	636.73	640.70	636.55

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**OFFICE COPY
FEE PAYMENT VOUCHER****SEWER SYSTEM PERMIT**

THE
METROPOLITAN SANITARY DISTRICT
OF GREATER CHICAGO
111 EAST ERIE, CHICAGO, ILLINOIS 60611
(312) 751-3260

LOCAL SEWER SYSTEMS SECTION

NOV 23 PM 1:13

87-824

Name of Project (as shown on plans) Piper Lane Miniwarehouse P.U.D.
Location of Project (street address or
with respect to two major streets): East of Wolf Road & South of Palatine Rd.

Municipality (Township, if unincorporated) Prospect Heights

Name of applicant Krohn Development Corp. Telephone No. 635-6040

Address 950 Milwaukee Ave., Glenview, IL 60025

INSTRUCTIONS

1. Type or print all information on this triplicate form.

2. Calculate the total fee required as follows:

Base Fee (Non-refundable) Use only one of these three:

- A. Sewer Permit Application (Used in most cases) \$300.00
B. Sewer Connection Authorization (Within City of Chicago) \$200.00
C. Notification and Request for Inspection (NRI) (Sewer Replacement) .. \$ 75.00

Sewer Installation

Compute the total of length of sanitary sewer (separate sewered areas) or sanitary/storm sewers (combined sewer areas) to be installed. Subtract the exemption of 100 feet and multiply the difference by \$0.85/ft.

3. Submit a company check, cashiers check, certified check or money order made payable to the Metropolitan Sanitary District of Greater Chicago. (Personal check or cash not acceptable). Mail or deliver the voucher with payment and the Sewer Permit Applications and plans to: Local Sewer Systems Section, MSDGC, at the above address.

4. This form is also used to submit the \$50.00 fee required for revisions to permits issued after August 31, 1984. Check box below.

FEE CALCULATIONS

Base fee - Select fee for 2A, 2B or see above \$ 300.00
If project requires over 100 ft. of sewer, enter total length: _____ ft.
Deduct 100 ft. length: -100 ft.
Adjusted total length: _____ ft.
Multiply adjusted total length by \$0.85 and enter \$ _____
Total fee \$ 300.00

☐ Revisions to issued permit \$50.00

TREASURER'S OFFICE

Type of permit Company Number 2390 Date 11-20-87

Amount \$ 300.⁰⁰ Accepted by: [Signature] Date 11-24-87

STORMWATER DETENTION CALCULATIONS

1. AREA OF SITE = 6.19 AC.
2. OFFSITE AREA REQUIRING DETENTION = 11.85 AC.
3. TOTAL SERVICE AREA OF DETENTION BASIN = 18.04 AC.
(REFER TO "DETENTION SERVICE AREA AND BYPASS MAP")

4. ALLOWABLE RELEASE RATE:

CITY OF PROSPECT HEIGHTS REQUIRES 0.15 CFS PER ACRE

$$Q_{\text{ALLOWABLE}} = 18.04 \text{ AC.} \times 0.15 \text{ CFS PER ACRE} = 2.71 \text{ CFS.}$$

ALLOWABLE release MSD 5.006 was approved under 78-557

87-824

5. DEVELOPED RUNOFF COEFFICIENT:

- FOR THE OFFSITE AREA WE WILL USE 0.75
WHICH WAS THE COEFFICIENT USED
FOR MSD PERMIT NO. 78-557 WHICH
PREVIOUSLY COVERED THIS AREA.

- FOR THE NEW DEVELOPMENT:

$$\text{IMPERVIOUS AREA} = 3.55 \text{ AC.} \times 0.95 = 3.37$$

$$\text{PERVIOUS AREA} = 2.64 \text{ AC.} \times 0.20 = 0.53$$

$$\begin{array}{r} 6.19 \text{ AC.} \\ 3.37 \\ \hline 3.90 \end{array}$$

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$$\text{DEVELOPED "C"} = 3.90 / 6.19 = 0.63$$

- COMPOSITE DEVELOPED "C":

$$\frac{(11.85 \text{ AC.} \times 0.75) + (6.19 \text{ AC.} \times 0.63)}{18.04 \text{ AC.}} = 0.71$$

6. BYPASS FLOW:

THE TOTAL BYPASS FLOW IS 3.198 CFS AND
WILL BE CONVEYED BY A SEPERATE SYSTEM.
THE BYPASS WILL ENTER AN OVERFLOW STRUCTURE
AT ELEVATION 639.50 (DETENTION HAIL). THE FLOW
WILL THEN BE CONVEYED TO THE STORM OUTFALL.

COWHEY GUDMUNDSON LEDER, LTD.
CONSULTING ENGINEERS
ONE PIERCE PLACE - SUITE 2500
ITASCA, ILLINOIS 60143

TELEPHONE (312) 773-2727

JOB PIPER LAKE MINIMAREHOUSES
SHEET NO. 2 OF 3
CALCULATED BY DAD DATE 11-6-87
CHECKED BY _____ DATE _____
SCALE _____

STORMWATER DETENTION CALCULATIONS

6. BYPASS FLOW (CONT.):
SEWER AT A POINT DOWNSTREAM OF
THE RESTRICTOR. A 15" R.C.P. STORM SEWER
AT 0.30% SLOPE WILL CONVEY THE
BYPASS FLOW FROM THE OVERFLOW
STRUCTURE TO THE OUTFALL SEWER. THE
15" CONVEYANCE SEWER WILL HAVE A
CAPACITY OF 3.54 CFS.

7. REQUIRED STORAGE VOLUME:

AREA OF SITE IN ACRES =	18.04
ALLOWABLE RELEASE RATE PER ACRE IN CFS =	0.150
THE ALLOWABLE RELEASE RATE IN CFS=	2.71
UNRESTRICTED RELEASE IN CFS IS =	0.00
BYPASS RELEASE RATE IN CFS=	0.00
TOTAL ALLOWABLE RELEASE IN CFS=	2.71
DEVELOPED RUNOFF COEFFICIENT =	0.71

DURATION (HOURS)	TIME (MIN)	100 yr. INT (in/hr)	INFLOW RATE (cfs)	STORED RATE (cfs)	VOLUME (Acre-Ft)
0.17	10	7.60	97.34	94.64	1.31
0.33	20	5.50	70.45	67.74	1.88
0.50	30	4.40	56.36	53.65	2.24
0.67	40	3.70	47.39	44.69	2.48
0.83	50	3.20	40.99	38.28	2.66
1.00	60	2.80	35.86	33.16	2.76
1.50	90	2.10	26.90	24.19	3.02
2.00	120	1.70	21.77	19.07	3.18
3.00	180	1.20	15.37	12.66	3.17
4.00	240	1.00	12.81	10.10	3.37 <==
5.00	300	0.84	10.76	8.05	3.36
6.00	360	0.73	9.35	6.64	3.32
7.00	420	0.65	8.33	5.62	3.28
8.00	480	0.58	7.43	4.72	3.15
9.00	540	0.53	6.79	4.08	3.06

DETENTION REVIEW SHEET

DEC - 8 1987

4

A. PROJECT

Permit No. 87-824

Date Received 11/23/87

Name of Project Pipe Line Repair

Location South of Palatka rd at corner of Wolf Rd, Boynton Heights

B. Basic Information

1. Total Project Area 6.19 Acres

2. Impervious Area: (a) Existing _____; (b) New 3.35

3. Runoff Coefficient 0.71

4. Project is: Residential _____; Non-Residential ☒

5. Project is in flood plain area yes/no ☒

6. Building Connections are proposed under this permit yes/no ☒

7. Detention is required for the project covered by this permit yes/no ☒

8. Detention is provided under this permit yes/no ☒

9. Detention criteria: MSD ☒; Other _____

C. Non-Applicability

Detention requirements are not applicable for the reason(s) indicated:

1. Project is in combined sewer area _____

2. Total contiguous ownership is less than 5 acres _____

3. Remaining developable ownership as of 1/1/72 is less than 5 acres . _____

4. Project is single family, residential and area is less than 10 acres _____

5. Project consists of an outlet sewer only and no connections are proposed _____

6. Project consists of sewer rehabilitation work only _____

7. Buildings existing and currently served by septic system _____

8. No new impervious area proposed _____

9. Other _____

D. Relation with Other Projects

1. Detention required for this project is provided by existing/ ☒

~~proposed~~ detention facilities 78-357 which will
Facilities are covered by Permit No. be superseded (replaced) under this permit (87-824)

D. Relation with Other Projects

2. Detention facilities provided under this permit are intended to serve other areas
If so, contributing area is _____ acres.
3. Project covered by permit receives drainage from another area and the flow is bypassed
4. This project is part of a previous development that exceeded five/ten acres and for which detention has been previously provided in full or in part
5. This project is part of a total contiguous land holding that exceeds five/ten acres and for which no detention has been provided
6. This project is part of an area previously encumbered for detention

E. Design Summary

	MSD Requirements	Project Design
1. Drainage area for which detention is provided under this permit	xxxx	<u>18.04</u> acre
2. Detention requirements for area above	<u>3.37</u> ac. ft.	<u>3.41</u> ac. ft.
3. Detention requirements for this project	<u>3.37</u> ac. ft.	<u>3.41</u> ac. ft.
4. Release rate for drainage area (1) above	<u>5.01</u> cfs	<u>2.50</u> cfs
5. Bypass rate, if any	<u>3.198</u> cfs	<u>3.198</u> cfs
6. Total discharge	<u>8.208</u> cfs	<u>5.698</u> cfs

F. Method of Detention

1. Method of Storage: Roof __, Ground __, Parking Lot ☒, Pond ☒, Other __

2. Method of Control: Roof Restrictor __, Weir __,
Pipe Outlet __, Size __, Length __,

Restrictor/Orifice ☒, Size 8, Edge Type Projecting Sharp.

G. Other Comments

x 5.01 allowable release approved under permit 78-557

Reviewed: M.P. Date 12/3/87 Checked _____ Date _____

DETENTION SERVICE AREA AND BYPASS MAP

OFFICE COPY

87-824

NORTH
1"=200'

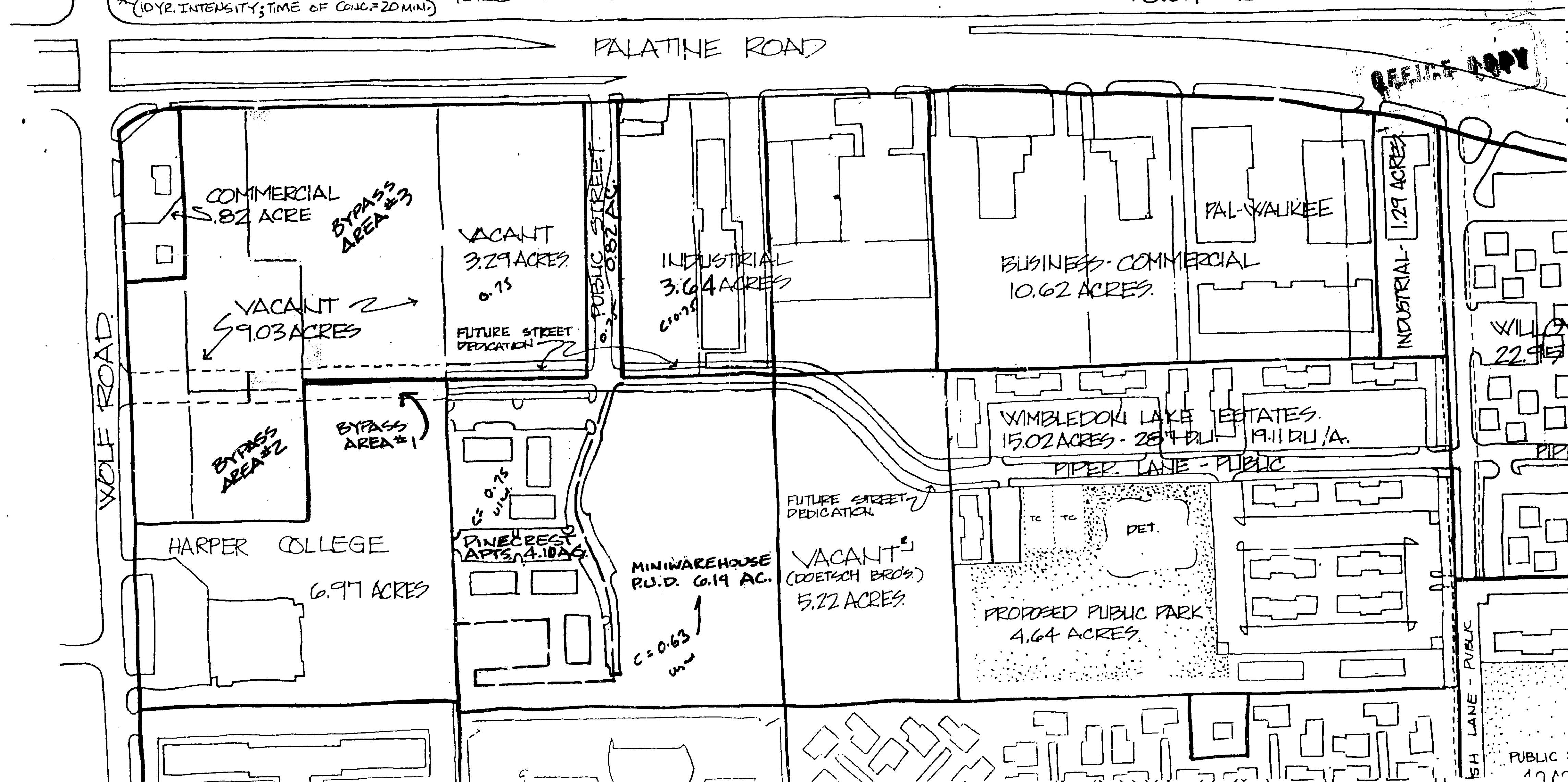
SUMMARY OF BYPASS FLOW

AREA #1 = $Q = CIA = (0.75)(4.03)(0.55) = 1.660 \text{ CFS}$
 AREA #2 = $1.22 \text{ AC.} \times 0.15 \text{ CFS/AC} = 0.183 \text{ CFS}$
 AREA #3 = (PER CITY) = 1.355 CFS

*(10 YR. INTENSITY; TIME OF CONC. = 20 MIN.) TOTAL = 3.198 CFS

SUMMARY OF AREAS TRIBUTARY TO DETENTION BASIN

VACANT = 3.29 AC.
 PUBLIC STREET = 0.82 AC.
 INDUSTRIAL = 3.64 AC.
 PINECREST APTS. = 4.10 AC.
 MINIWAREHOUSE P.U.D. = 6.19 AC.
 18.04 AC.



DETENTION SERVICE AREA AND BYPASS MAP

SUMMARY OF AREAS TRIBUTARY TO
DETENTION BASIN

87-824 OFFICE COPY

VACANT	= 3.29 AC.
PUBLIC STREET	= 0.82 AC.
INDUSTRIAL	= 3.64 AC.
PINECREST APTS.	= 4.10 AC.
MINIWAREHOUSE	P.U.D. = 6.19 AC.
	<u>18.04 AC.</u>

SUMMARY OF BYPASS FLOW

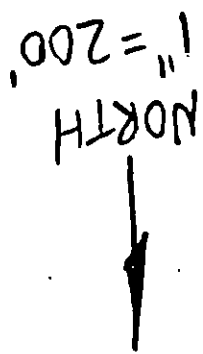
AREA #1 = $Q = CIA = (0.75)(4.03)(0.55) = 1.660 \text{ CFS}$

AREA #2 = $1.22 \text{ AC.} \times 0.15 \text{ CFS/AC} = 0.183 \text{ CFS}$

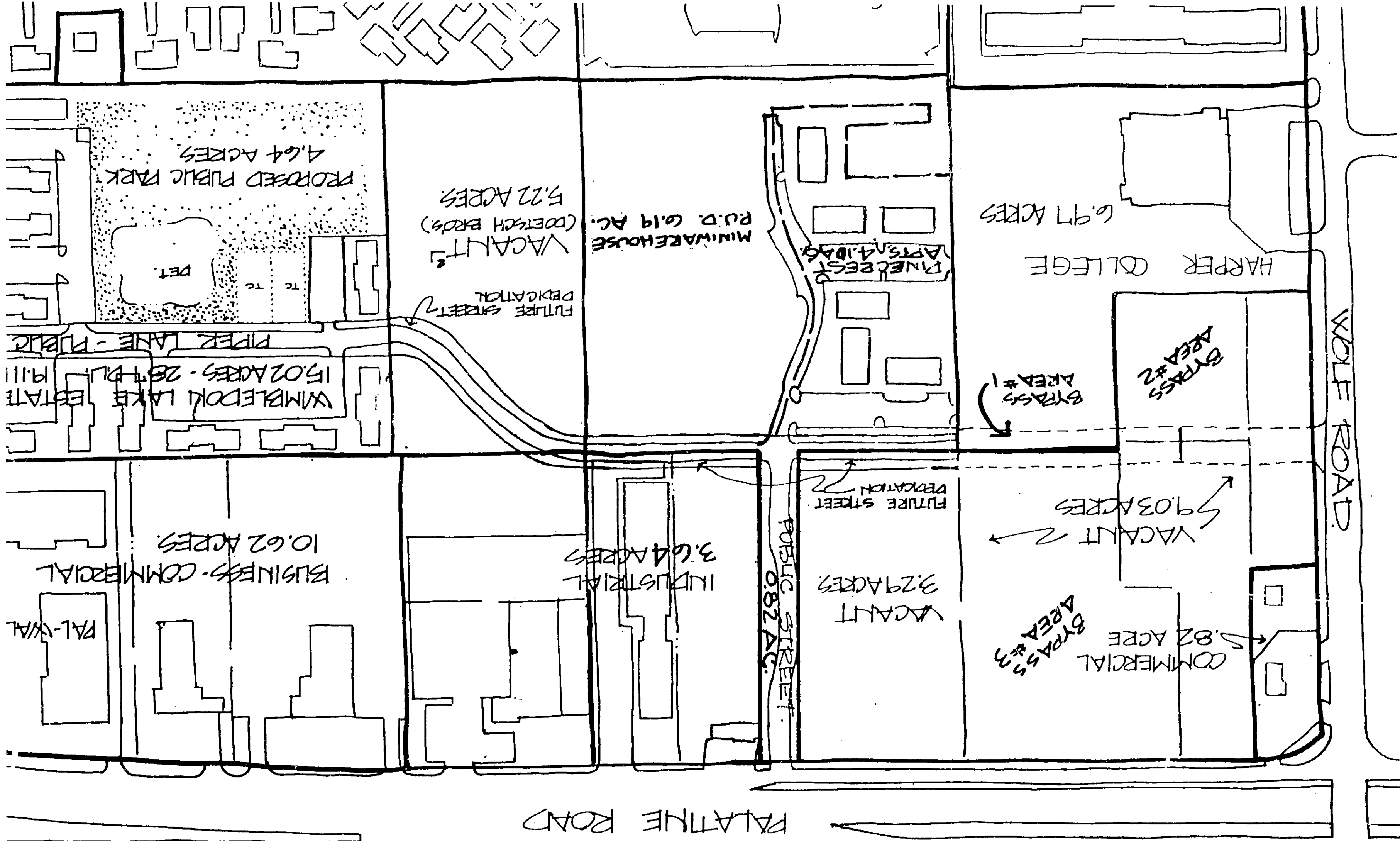
AREA #3 = (PER CITY) = 1.355 CFS

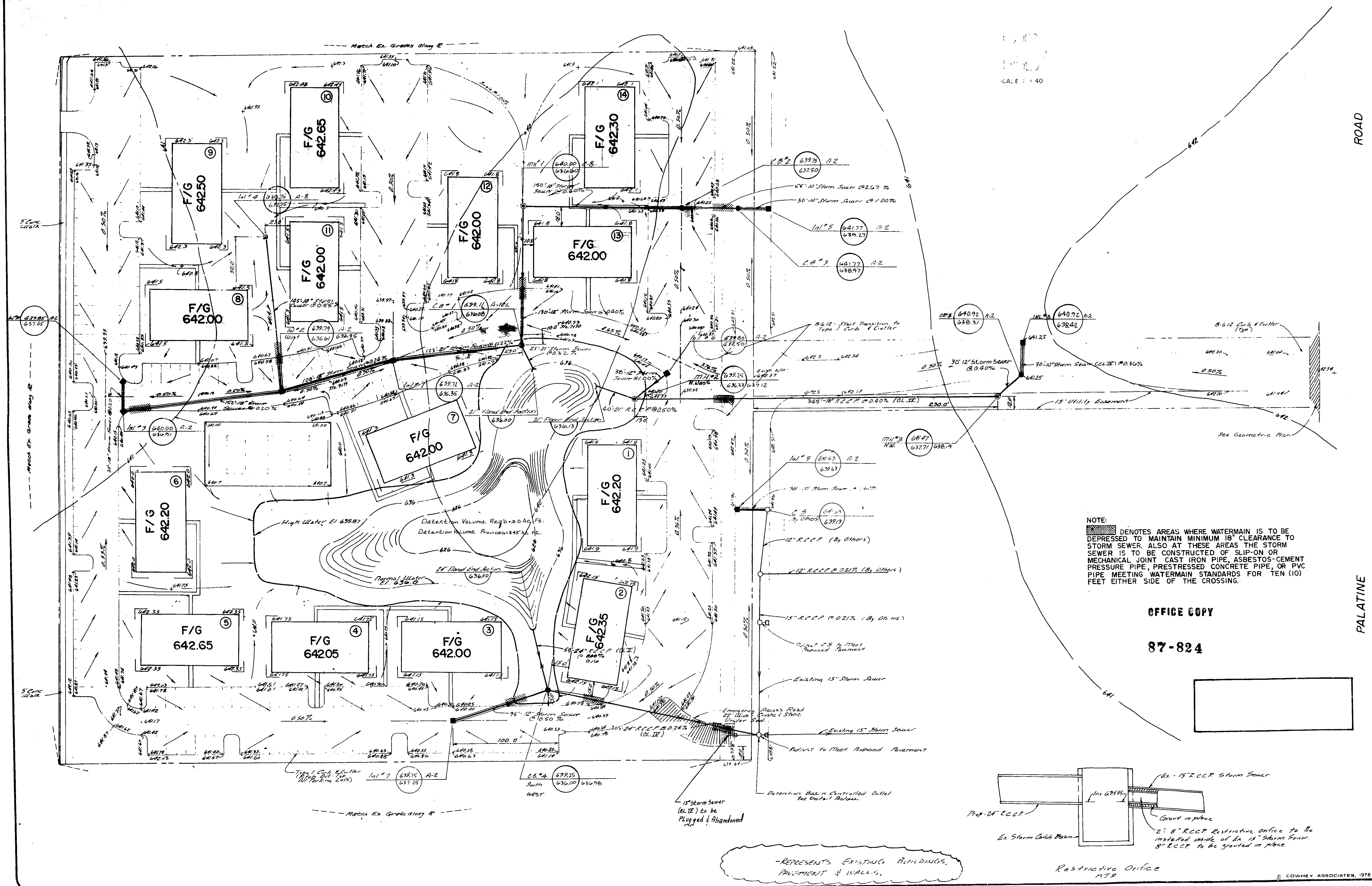
TOTAL = 3.198 CFS

*(OVR. INTENSITY; TIME OF CONC. = 20 MIN.)



PREVIOUS MSD PERMITS:
78-557
76-100
84-094





DESIGNED BY KEK **DRAWN BY** REC **PROJECT NO.** 175 **DATE** 4/7/78

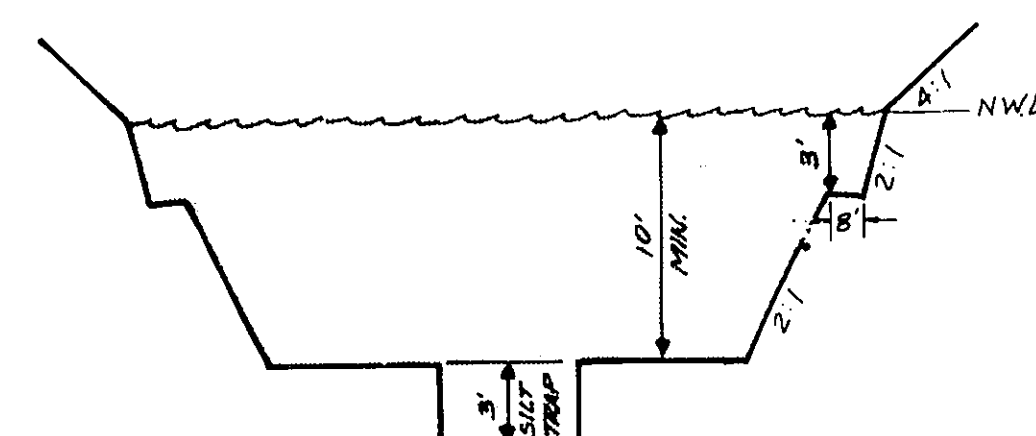
CHECKED BY KEK **SCALE** 1" = 40' **DRAWING NO.** 3 OF 6

REVISIONS

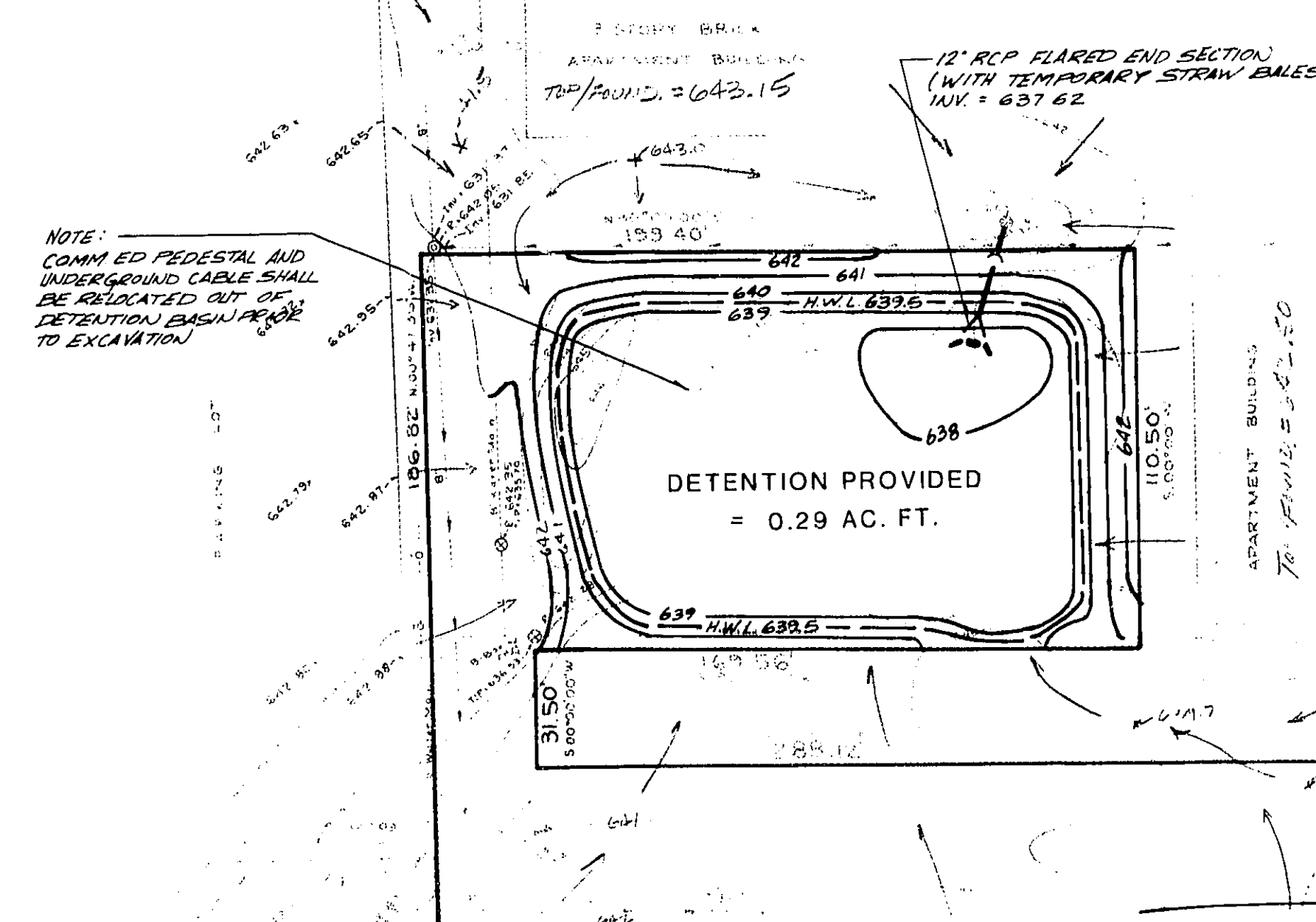
NO.	DESCRIPTION	DATE
1	Revised for City Engineer	4/7/78
2	General Revision	4/7/78
3	General Revision	4/7/78
4	General Revision	4/7/78
5	General Revision	4/7/78
6	General Revision	4/7/78

cowhey associates
1410 Higgins road, suite 201
park ridge, illinois 60066

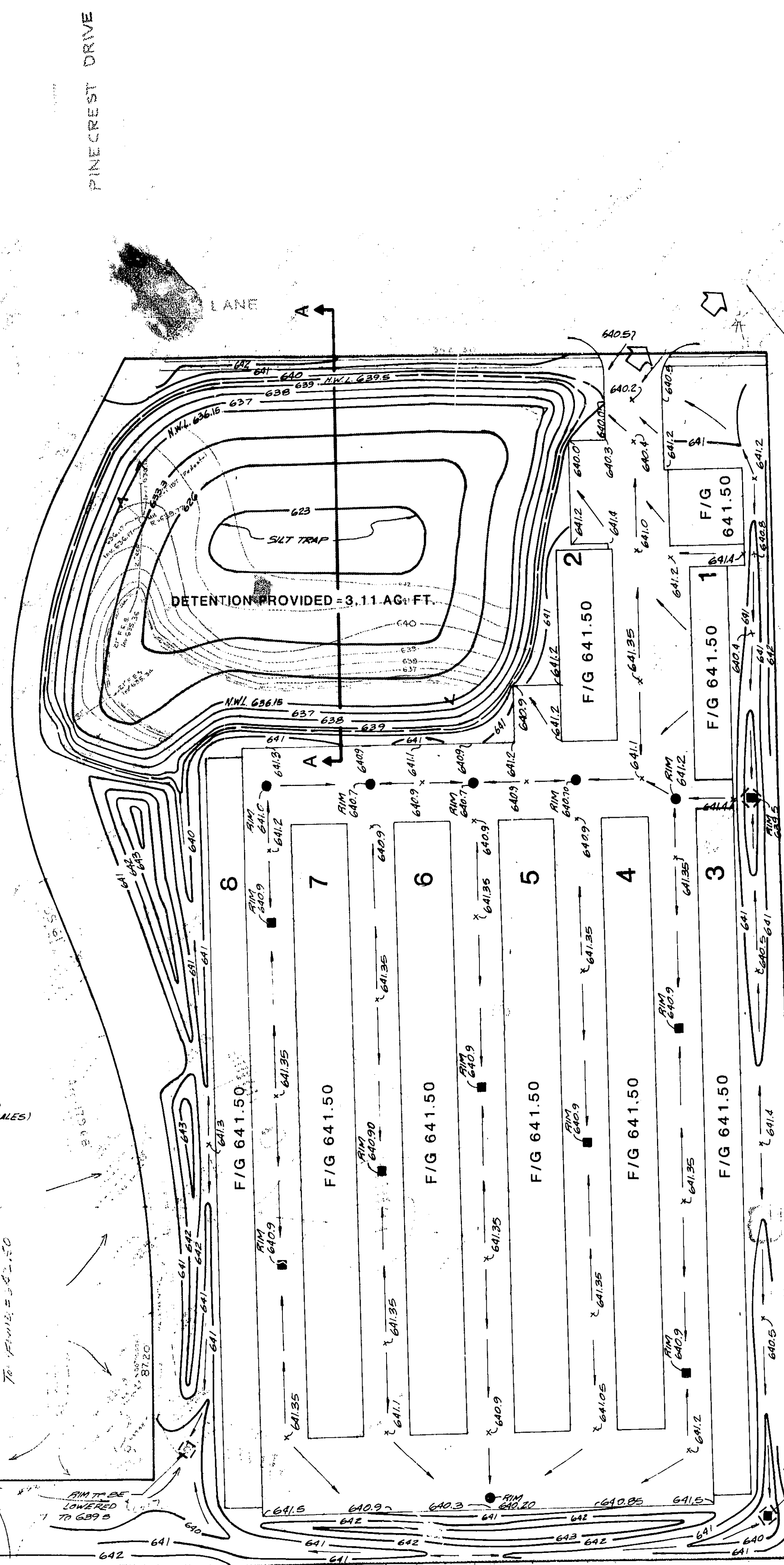
Pinecrest Apartments
Grading and Storm
consulting engineers



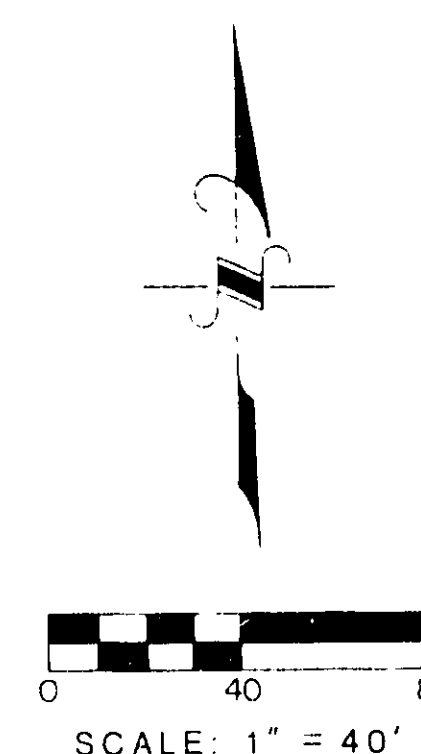
TYPICAL LAKE SECTION
(SECTION A-A)
1" = 40' HORIZ.
1" = 8' VERT.



PINECREST APARTMENTS SUBDIVISION

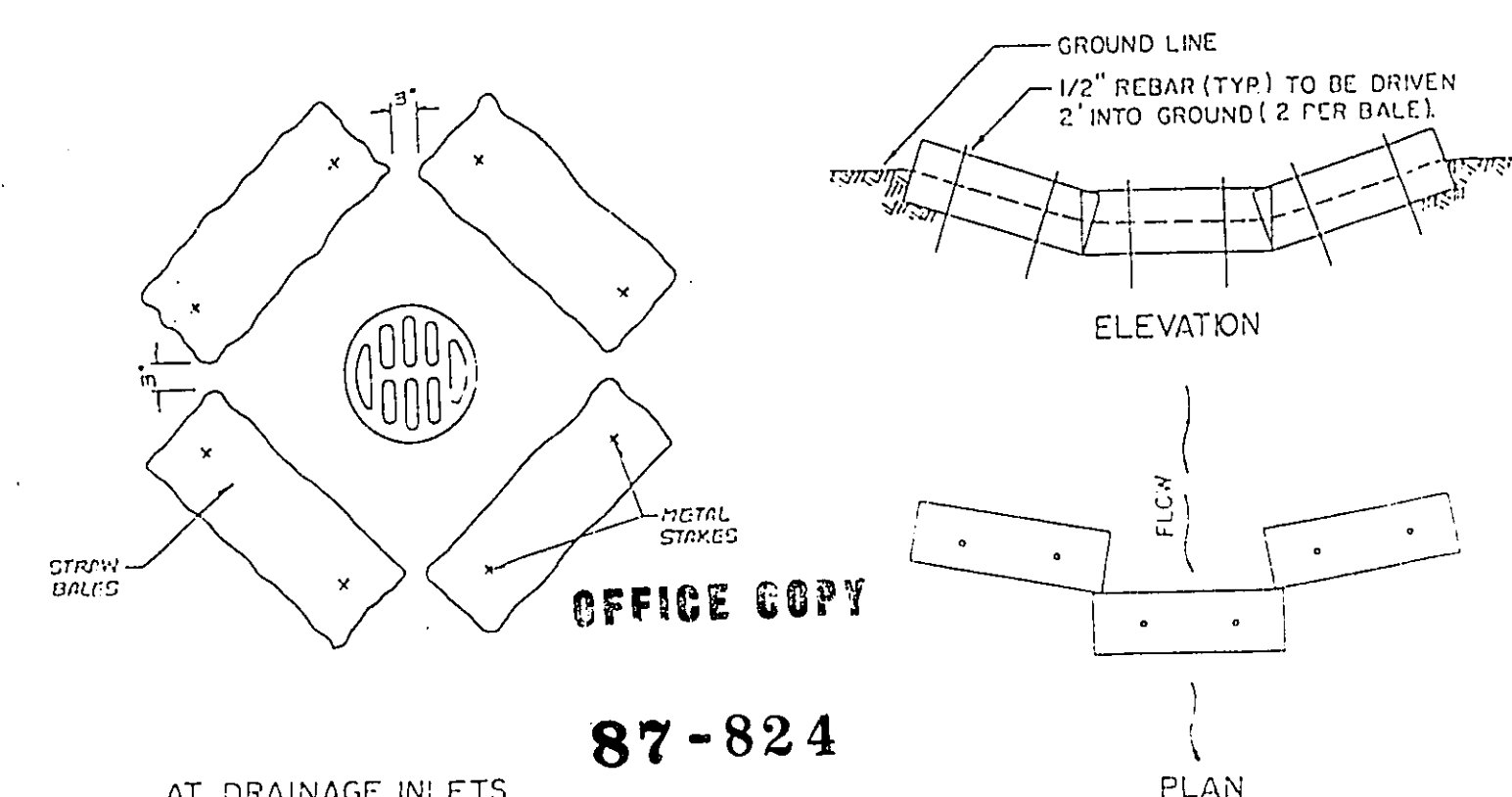


- GRADING LEGEND**
- EXISTING CONTOUR
 - PROPOSED CONTOUR
 - DIRECTION OF FLOW
 - DIRECTION OF 100 YEAR FLOW
 - F/G FINISHED GRADE AT THE POINT WHERE BUILDING FLOOR MEETS PAVEMENT
 - DRAINAGE STRUCTURE
 - STRAW BALES



EROSION CONTROL SPECIFICATIONS

1. TOPSOIL STOCKPILES ARE TO HAVE A MINIMUM 3' HIGH BERM AROUND THE CIRCUMFERENCE OF THE PILE SO AS TO CONTROL EROSION AND RUNOFF. IF A STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN NINE MONTHS, IT IS REQUIRED THAT THE STOCKPILE BE SEEDING SO AS TO MINIMIZE SOIL EROSION BY BOTH WIND AND WATER.
2. ALL STORM WATER RUNOFF IS TO BE DIRECTED TO CATCH BASINS WITH PROPER DUMPS. STRAW BALES SHALL BE PLACED AROUND THE CATCH BASIN OR A PERFORATED, GRAVEL FILLED 55 GALLON DRUM PLACED OVER THE CATCH BASIN, SO AS TO FILTER AND CONTAIN ANY AND ALL SOIL AND DEBRIS.
3. WHEN STORM WATER IS TO BE ROUTED THROUGH EXISTING OR PROPOSED DETENTION BASINS IN ORDER TO ALLOW SETTLEMENT OF SILT AND DEBRIS THE BASINS ARE TO BE CONSTRUCTED IMMEDIATELY UPON COMMENCEMENT OF THE PROJECT. BASINS WILL BE PROPERLY OVEREXCAVATED SO AS TO PROVIDE SUFFICIENT VOLUME FOR DEBRIS AND SETTLEMENT. IF THE DISTANCE IS INTO AN EXISTING BASIN, THE UPSTREAM PROJECT WILL BE PROPERLY PROTECTED SO AS TO PREVENT SILTATION OF THE DOWNSTREAM BASIN.
4. ALL CATCH BASINS, DUMPS AND/OR RETENTION BASINS ARE TO BE CLEANED AT THE END OF THE PROJECT PRIOR TO FINAL ACCEPTANCE. CLEANING MAY ALSO BE REQUIRED DURING THE COURSE OF THE CONSTRUCTION OF THE PROJECT IF IT IS DETERMINED THAT THE SILT AND DEBRIS TRAPS ARE NOT PROPERLY FUNCTIONING AND THEIR PERFORMANCE IS IMPAIRED.
5. UNLESS SOIL EROSION CONTROL ITEMS ARE SPECIFICALLY REFERRED TO AS BID ITEMS (SUCH AS TOPSOIL RESPRAY, SEEDING, ETC.), THEY ARE TO BE CONSIDERED AS INCIDENTAL TO THE COST OF THE CONTRACT.
6. SOIL EROSION CONTROL MEASURES IN ACCORDANCE WITH THE "PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL IN ILLINOIS" SHALL BE FOLLOWED AT THE DISCRETION OF THE MUNICIPALITY.
7. ANY SOIL EROSION CONTROL MEASURES, IN ADDITION TO THOSE OUTLINED IN THESE PLANS AND WHICH ARE DEEMED NECESSARY BY THE VILLAGE ENGINEER, SHALL BE IMPLEMENTED IMMEDIATELY BY THE CONTRACTOR.
8. RIP-RAP MATERIAL SHALL BE IN ACCORDANCE WITH ARTICLE 705.01 AND INSTALLED ACCORDING TO ARTICLE 601 OF THE "STANDARD SPECIFICATIONS" AND GROUTED IN PLACE WITH CONCRETE.
9. SEEDING SHALL CONFORM TO SECTION 644 OF THE "STANDARD SPECIFICATIONS".



STRAW BALE PLACEMENT FOR
SOIL EROSION CONTROL

cowhey gudmundson leder. ltd.
itasca, illinois 60143
consulting engineers (312)773-2727

REVISIONS			
no.	description	date	no. description date

GRADING & EROSION
CONTROL PLAN

project no. 801	sheet
date NOV 6, 1987	4
scale 1" = 40'	5
drawn by RAD	
checked by RAD	

APPENDICES

Appendix A – Site Location Map

Appendix B – Floods in Arlington Heights Quadrangle, IL (Hydrologic Investigations Atlas HA-67)

Appendix C – NRCS Soil Survey

Appendix D – National Wetlands Inventory

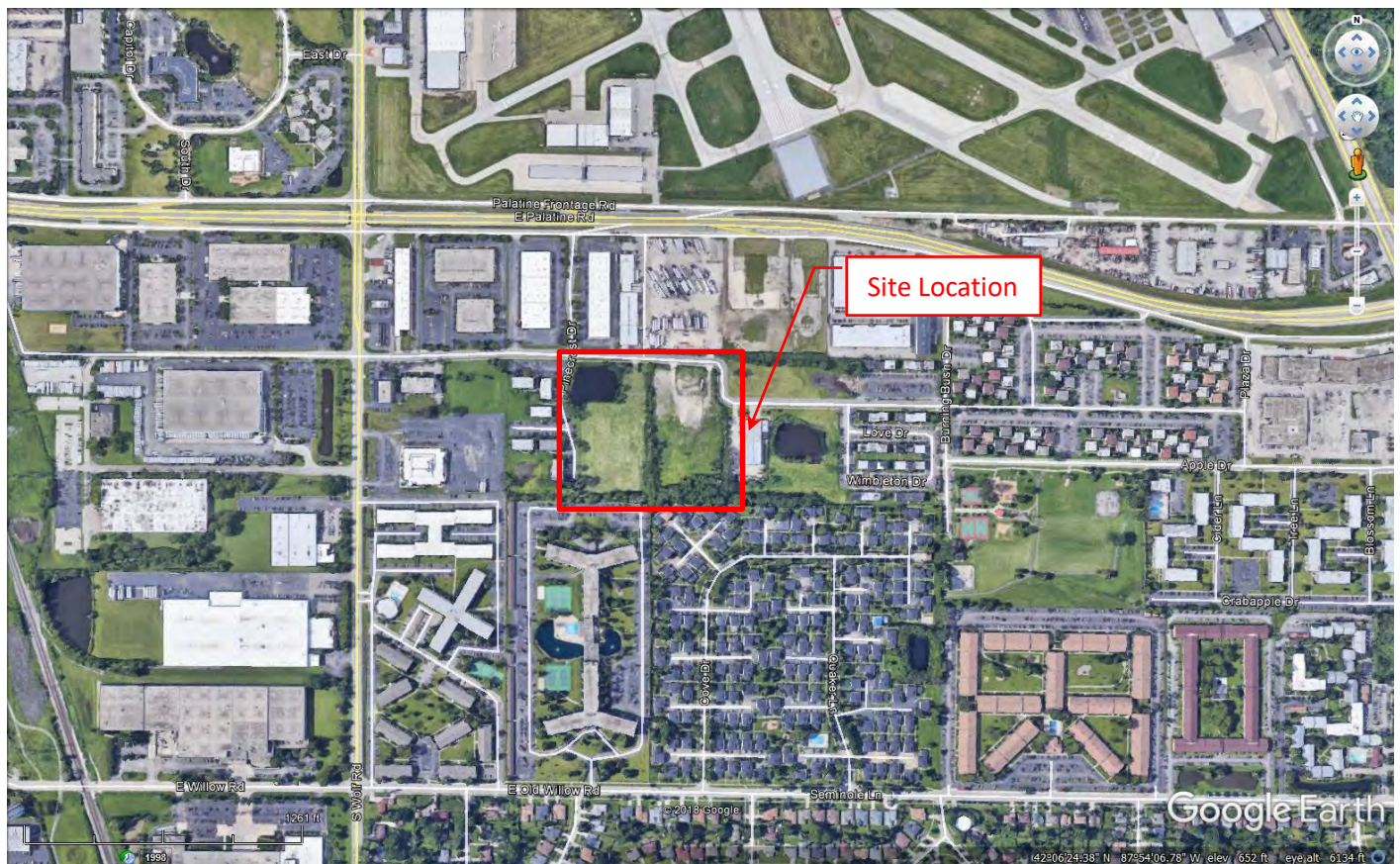
Appendix E – Flood Insurance Rate Map (No. 17031C0213J)

Appendix F – Stormwater Inundation Map

Appendix G – Soil Borings

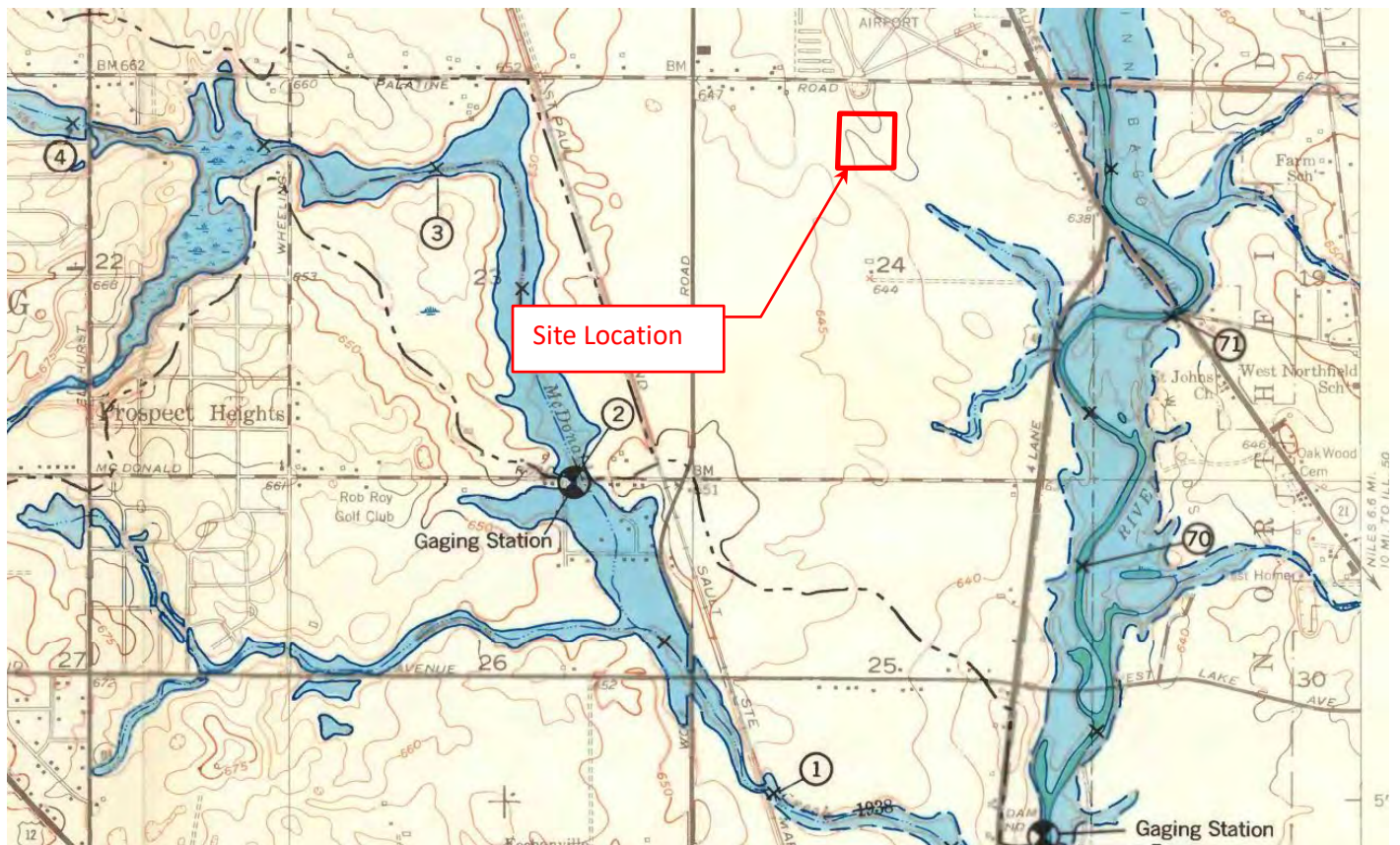
Appendix A – Site Location Map

(Source: Google Earth)



Appendix B – Floods in Arlington Heights Quadrangle, IL (Hydrologic Investigations Atlas HA-67)

(Source: United States Geological Survey)



Appendix C – NRCS Soil Survey

(Source: USDA & NRCS)



Appendix D – National Wetlands Inventory

(Source: U.S. Fish and Wildlife Service)



35 Piper Lane



August 31, 2018

Wetlands

	Estuarine and Marine Deepwater		Freshwater Emergent Wetland		Lake
	Estuarine and Marine Wetland		Freshwater Forested/Shrub Wetland		Other
			Freshwater Pond		Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

PLAN | DESIGN | DELIVER PAGE 5

Appendix F – Stormwater Inundation Map

(Source: Metropolitan Water Reclamation District of Greater Chicago)



Appendix G – Soil Borings



ENVIRONMENTAL PROTECTION INDUSTRIES

CONNOR COMMERCIAL REAL ESTATE

**9500 West Bryn Mawr, Suite 200
Rosemont, Illinois 60018**

Geotechnical Subsurface Investigation

**Proposed Office / Warehouse Facility
25-35 Piper Lane
Prospect Heights, Illinois**

EPI Project No. 18-1159.00

October 8, 2018

Environmental Engineering • Design Build • Site Remediation • Brownfield Redevelopment • Construction Management

Corporate Office 16650 South Canal • South Holland, IL 60473 • tx 1.800.526.1788 • fax 1.708.225.1117 • office 1.708.225.1115
website: www.environmental-epi.com



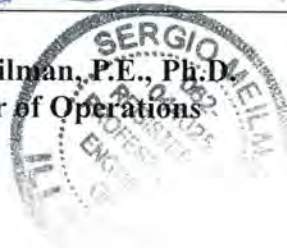
**The following personnel
have prepared and/or reviewed this Report.**

 For A.N.

**Anthony Negri
Professional Engineer**

 10/11/18

**Sergio Meilman, P.E., Ph.D.
Director of Operations**



October 8, 2018



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Tab 1	Figure - Soil Boring Locations
Tab 2	Soil Boring Logs
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1.0 EXECUTIVE SUMMARY

A geotechnical investigation was performed to evaluate the subsurface soils for the proposed Office / Warehouse Facility to be constructed at 25-35 Piper Lane in Prospect Heights, Illinois (the Site). The scope of the investigation included drilling, sampling and analytical testing of soil at fifteen (15) soil boring locations. Noted soil borings were advanced to depths of 15 to 20 feet below grade in the future building areas. However, please note that shallow auger refusal (stoppage due to an impenetrable obstruction, such as buried reinforced concrete) was noted in borings B-11 through B-15, where several attempts were tried in the general vicinity of each of the borings located in the Eastern section of the site.

The subsurface soils at the site (Western section) generally consisted of approximately 4 to 6 inches of topsoil, followed by a layer of fill, composed of black clay, brown silty clay, sand, gravel and topsoil. Underlying the noted fill material, a layer of soft to hard, brown to brown-gray silty clay was encountered to approximately 6 to 9 feet below grade, followed by a layer of tough to very tough gray silty clay to the boring termination depths. However, please note that layers of loose sandy to clayey silt and sand were also encountered in several of the borings. Based on the laboratory testing results, the native silty clays were typically soft to hard in consistency with unconfined compressive strengths of 0.5 to over 4.5 tons per square foot (tsf). Also, it is an opinion of EPI that in order to determine the prevalent soil conditions, a series of test pits should be excavated in the eastern section of the project site.

On the basis of the field and laboratory soil testing performed, EPI recommends that the proposed structure (Western section) should be supported upon a shallow foundation system consisting of isolated column and continuous wall footings. It is EPI's opinion that the noted footings should be constructed at approximately 3.5 to 4.0 feet below present grade (frost protection depth, heated and non-heated areas, respectively – in the vicinity of borings B-3, B-5, B-9 and B-10), to approximately 6.5 feet below grade in the vicinity of borings B-1, B-2, B-4, B-6, B-7 and B-8, upon an underlying layer of brown to brown-gray silty clay. This soil layer possesses a net allowable bearing capacity of 3,000 pounds per square foot (psf). The net allowable soil bearing pressure refers to that pressure which may be imposed on the foundation soils in excess of the final surrounding overburden pressure.



As an alternative, excavated material (borings B-1, B-2, B-4, B-6, B-7 and B-8) can be replaced with approved backfill, such as 3-inch diameter crushed limestone choked with CA-7. This fill should be placed in 12- to 18-inch thick lifts, and then compacted by using the force of the backhoe's bucket to seat the stone of each lift. Footings, proportioned on the basis of a net allowable bearing capacity of 3,000 psf, may be supported at normal frost-protection design level on properly compacted granular fill. The width of the excavation should extend at least nine inches horizontally beyond the perimeter of the footing on all sides for each foot of vertical undercut below the bottom of the footing, thus providing for adequate lateral distribution of the foundation stresses. Also, the widening of the foundation excavation trench will not be required if lean concrete is used as the backfill material in lieu of the above-noted 3" diameter crushed stone.

As yet another alternative, in lieu of the soil undercut /replace option presented above, this structure can be supported upon "Geopier" stone column improved soil.

EPI also recommends that the future slab-on-grade and paved areas should be proof-rolled with a fully loaded semi or a 6-wheel dump truck following the removal of the surficial topsoil layer. Any unsuitable soils present should be removed through the depth encountered or to a maximum depth of 2.5 and 3.5 feet below the design grade in the paved and slab-on-grade areas, respectively. The site grade can then be brought to the desired sub-grade elevation with an approved inorganic fill material, which should be free of deleterious debris, placed and compacted in lifts.

The base course for the paved areas should consist of CA-6 crushed stone per the State of Illinois Specifications for Road and Bridge Construction. Bituminous binder and surface courses should consist of fine, dense, graded aggregate, Class I, or Sub-Class I-11 as defined in the Illinois Department of Transportation Standard Specifications for Road and Bridge Construction. The design of pavements should incorporate provisions for drainage of both the pavement surface and the base course layer. Should standing water be allowed to accumulate on the pavement surface or within the base course, the subgrade will soften and it is likely that the pavement will deteriorate.

Any groundwater encountered during the foundation excavation should be promptly removed. We also recommend that in order to ensure the full specification compliance, a qualified materials testing engineer be present at the site during the construction phase of the project.





2.0 PROJECT INFORMATION

2.1 Project Authorization

In accordance with our agreement dated September 11, 2018, EPI has completed a Geotechnical Investigation for the proposed Office / Warehouse Facility to be constructed 25 – 35 Piper Lane in Prospect Heights, Illinois (the Site).

2.2 Project Description

According to the information provided to EPI, current plans include the construction of the Commercial Building with associated parking lot and driveway facilities. The new building will consist of a single- to two-story structure with a slab-on-grade floor. The final grades will probably not differ appreciably from the existing grade. Although the exact design loads were not provided, they are expected to be relatively light in magnitude.

The geotechnical information presented in this report is based on the available project information and the subsurface materials described in this report. Please note that the information provided should be evaluated and the structural site improvements should be designed by a licensed structural engineer and/or architect.

2.3 Purpose and Scope of Services

The purpose of this study was to explore and assess the subsurface conditions present at the site. EPI's scope of geotechnical services included drilling fifteen (15) soil borings at the site, field and laboratory testing of the representative samples, and preparation of the geotechnical report. This report briefly outlines the project description, presents available project information and testing procedures, describes the site and subsurface conditions, and develops geotechnical assessments regarding the following:

- Geotechnical Evaluation of the Project Site
- Anticipated Site Preparations and Grading Requirements
- Assessment of the most economical Foundation types
- Assessment of Pavement Sections and potential Subgrade conditions
- Comments regarding factors that may impact planning, construction and performance of the proposed facility.



3.0 SITE AND SUBSURFACE CONDITIONS

3.1 Site Location and Description

The project site is located 25 – 35 Piper Lane in Prospect Heights, Illinois. The site is currently vacant. The ground surface of the site is relatively flat.

3.2 Soil Boring Advancement

On September 25 and 26, 2018, EPI advanced a total of fifteen (15) soil boring locations. Noted soil borings were advanced to depths of 15 to 20 feet below grade in the future building areas. However, please note that shallow auger refusal (stoppage due to an impenetrable obstruction, such as buried reinforced concrete) was noted in borings B-11 through B-15, where several attempts were tried in the general vicinity of each of the borings located in the Eastern section of the site. The exact placement of the soil boring(s) was based on actual site conditions, site accessibility and underground / overhead utility location. The borings were advanced using the continuous flight hollow-stem auger method. A boring location diagram has been included as **Figure 1, Tab 1** of this report.

3.3 Soil Sampling

Representative soil samples were obtained from each sampling interval using the split barrel sampling procedure performed in accordance with ASTM Standard D-1586, “Method for Penetration Test and Split Barrel Sampling of Soils”. In the split barrel sampling procedure, a 140-pound hammer falls 30 inches and drives a two-inch outer diameter split barrel sampler 18 inches into the soil. Counting the number of blows required to drive the sampling device the final 12 inches allows the derivation of the Standard Penetration Test (SPT) N-value. This test result indicates the soil’s relative density and comparative consistency, and provides a basis for estimating the relative strength and compressibility of soil.

EPI’s drill crew recorded a field log of the soils encountered in each boring. Each soil sample was visually classified on the basis of texture and color in accordance with the Unified Soil Classification System. These field logs were later used to prepare the final geotechnical boring logs, which are included under **Tab 2** of this report. The estimated unconfined compressive strength values for cohesive soil samples were obtained in the field by using a calibrated spring-loaded penetrometer. In the penetrometer test, the unconfined compressive strength of a soil



sample is estimated, to a maximum of 4.5 tons per square foot (tsf) by measuring the resistance of a soil sample to the penetration of a small, calibrated spring-loaded cylinder.

Soil samples obtained from the drilling operations were identified by the boring number and sampling depth, immediately sealed in the appropriate container, and brought to our laboratory for further examination and testing.



4.0 LABORATORY TESTING AND FIELD OBSERVATIONS

4.1 Laboratory Testing

A natural moisture content test was conducted for each soil sample from each soil boring in accordance with ASTM Standard D 2216. Unconfined compressive strength tests were also performed on selected cohesive soil samples in accordance with ASTM Standard D 2166. Dry soil density tests were also performed on selected cohesive soil samples. The results of the testing have been indicated on the individual boring logs included under **Tab 2**.

After completion of the laboratory testing, an experienced soil engineer visually classified each soil sample in accordance with the Unified Soil Classification System (ASTM Standards D 2487 and D 2488). A brief description of the Unified Soil Classification System has been included under **Tab 3** of this Report.

4.2 Subsurface Conditions

The subsurface soils at the site (Western section) generally consisted of approximately 4 to 6 inches of topsoil, followed by a layer of fill, composed of black clay, brown silty clay, sand, gravel and topsoil. Underlying the noted fill material, a layer of soft to hard, brown to brown-gray silty clay was encountered to approximately 6 to 9 feet below grade, followed by a layer of tough to very tough gray silty clay to the boring termination depths. However, please note that layers of loose sandy to clayey silt and sand were also encountered in several of the borings. Based on the laboratory testing results, the native silty clays were typically soft to hard in consistency with unconfined compressive strengths of 0.5 to over 4.5 tons per square foot (tsf). Also, it is an opinion of EPI that in order to determine the prevalent soil conditions, a series of test pits should be excavated in the eastern section of the project site.

The above subsurface description is of a generalized nature to highlight the major subsurface stratification features and material characteristics. The boring logs included in the appendix of this report should be reviewed for specific information at individual boring locations. These records include soil descriptions, stratifications, penetration resistances, and locations of the samples and laboratory test data. The stratifications shown on the boring logs represent the conditions only at the actual boring locations. Variations may occur and should be expected between boring locations. The stratifications represent the approximate boundary between



subsurface materials and the actual transition may be more gradual. The samples that were not altered by laboratory testing will be retained for 60 days from the date of this report and then will be discarded, unless instructed otherwise by the client.

4.3 Water Level Measurements

The groundwater level was measured while drilling the borings and at the completion of the drilling operations at each boring location. Water was encountered at approximately 5 to 16 feet below grade in borings B-1 through B-10 only. The remaining shallow borings drilled on-site remained dry through the depth penetrated. It should be noted that the water level may vary within the depths explored during other times of the year depending upon climatic and rainfall conditions and other factors not immediately apparent at the time of this exploration. Additionally, discontinuous zones of perched water may exist within the silty clay soils and may be encountered during construction. Surface water runoff could be a factor during the general construction activities, and precautions should be taken to control surface water runoff and to remove any that may accumulate in the proposed building and pavement areas.

Based on the results of our subsurface exploration and soil coloration from gray to brown, we estimate the seasonal high groundwater table to be located at approximately 6 feet below existing grade.



5.0 GEOTECHNICAL ASSESSMENT AND DEVELOPMENT RECOMMENDATIONS

The following geotechnical related assessments have been developed on the limited basis of the subsurface conditions encountered and our understanding of the proposed development.

5.1 Anticipated Site Preparation and Grading Development

Following the removal of the existing vegetation and topsoil layer from the future construction area, EPI recommends that the site should be proof-rolled with heavy, rubber-tired construction equipment. Proof-rolling aids in determining the location of a firm base for compaction of fill, and will help to delineate soft or disturbed areas that may exist within a few inches of the subgrade level. Soils, which are observed to rut or deflect excessively under the moving load, should either be scarified and recompacted, or, if not feasible or successful, undercut and replaced with properly compacted fill. The proof-rolling and undercutting activities should be witnessed by EPI's representative and should be performed during a period of dry weather.

Any unsuitable soils removed should be replaced with properly placed and compacted fill material. EPI recommends that the placement and compaction of the fill material shall be monitored and tested in general accordance with the following table:

TABLE 1
Fill Compaction Requirements

MATERIAL TESTED	PROCTOR TYPE	MIN % DRY DENSITY	PLACEMENT MOISTURE CONTENT RANGE
Structural Fill (Cohesive)	Modified	95%	-2 to +2 %
Structural Fill (Granular)	Modified	95%	-2 to +2 %
Optional Structural Fill (Single-Sized Granular)	Relative Density ^{*-1}	85%	-2 to +2 %
Random Fill (non load bearing)	Modified	85%	-3 to +3 %
Utility Trench Backfill	Modified	95%	-2 to +2 %

^{*-1}**Relative Density** as determined in general accordance with ASTM D4253 and D4254



5.2 Assessment of Foundation Types

On the basis of the field and laboratory soil testing performed, EPI recommends that the proposed structure (Western section) should be supported upon a shallow foundation system consisting of isolated column and continuous wall footings. It is EPI's opinion that the noted footings should be constructed at approximately 3.5 to 4.0 feet below present grade (frost protection depth, heated and non-heated areas, respectively – in the vicinity of borings B-3, B-5, B-9 and B-10), to approximately 6.5 feet below grade in the vicinity of borings B-1, B-2, B-4, B-6, B-7 and B-8, upon an underlying layer of brown to brown-gray silty clay. This soil layer possesses a net allowable bearing capacity of 3,000 pounds per square foot (psf). The net allowable soil bearing pressure refers to that pressure which may be imposed on the foundation soils in excess of the final surrounding overburden pressure.

As an alternative, excavated material (borings B-1, B-2, B-4, B-6, B-7 and B-8) can be replaced with approved backfill, such as 3-inch diameter crushed limestone choked with CA-7. This fill should be placed in 12- to 18-inch thick lifts, and then compacted by using the force of the backhoe's bucket to seat the stone of each lift. Footings, proportioned on the basis of a net allowable bearing capacity of 3,000 psf, may be supported at normal frost-protection design level on properly compacted granular fill. The width of the excavation should extend at least nine inches horizontally beyond the perimeter of the footing on all sides for each foot of vertical undercut below the bottom of the footing, thus providing for adequate lateral distribution of the foundation stresses. Also, the widening of the foundation excavation trench will not be required if lean concrete is used as the backfill material in lieu of the above-noted 3" diameter crushed stone.

As yet another alternative, in lieu of the soil undercut /replace option presented above, this structure can be supported upon "Geopier" stone column improved soil.

Based upon the site-specific subsurface data collected to date and EPI's experience with similar sites, it is believed that the proposed structure may experience a long-term total settlement of approximately 0.8 inches. Potential differential settlements of approximately $\frac{1}{2}$ to $\frac{2}{3}$ of the long-term total settlement are possible across the building area due to variations in subsurface conditions and foundation loadings. Since the settlement of the foundation depends upon the actual column loads, footing size and shape, and the depth at which the foundation is constructed, EPI is unable to offer more accurate long-term total settlement calculations until these design parameters are known.



5.3 Assessment of Concrete Slab-on-Grade

Based upon the field and laboratory testing of the soil, EPI recommends that the future floor slab areas should be proof-rolled with a fully loaded semi or a 6-wheel dump truck following the removal of the surficial topsoil layer. Proof rolling should identify weak zones that may be present below grade. Any unsuitable soils encountered within the future floor slab areas should be removed through the depth encountered or to a maximum depth of 3.5 feet below the design sub-grade. The site grade can then be brought to the desired sub-grade elevation with an approved inorganic fill material, which should be free of deleterious debris, placed and compacted in lifts not to exceed 12 inches in thickness (measured loose).

The final four inches of fill beneath all interior slabs-on-grade should consist of free-draining crushed stone or gravel. This lift will not only facilitate fine grading of the slab sub-grade surface, but will also serve as a capillary cutoff layer, which will minimize the migration of moisture through the floor slab. Areas of floor slab sub-grade where standing water accumulates may experience soil softening, which can lead to premature slab deterioration. All floor slabs-on-grade should be isolated from the foundation system and contain the proper number of isolation and contraction joints to maintain the integrity of the slab should differential movements, usually associated with miscellaneous fill deposits present on-site, take place. Noted fill deposits should be removed and replaced with properly placed and compacted structural fill if these movements are not acceptable.



5.4 Assessment of Pavement Sections and Subgrade Conditions

Based upon the site development plans, it is likely that most paved areas will be subjected to AASHTO-H-20 loading as a maximum. As a result, flexible pavement section should be designed according to the State of Illinois Department of Transportation, Division of Highways, design manual. Please note that concrete pavement may be required in areas of heavier loading.

Based upon the field and laboratory testing of the soil, EPI recommends that the future paved areas should be proof-rolled with a fully loaded semi or a 6-wheel dump truck following the removal of the surficial topsoil layer. Any unsuitable soils encountered within the future pavement areas should be removed through the depth encountered or to a maximum depth of 2.5 feet below the design sub-grade. Please note that due to their high moisture content, clay fill soils encountered in the future pad/paved areas may have to be lime-stabilized prior to filling operations taking place. The site grade can then be brought to the desired sub-grade elevation with an approved inorganic fill material, which should be free of deleterious debris, placed and compacted in lifts not to exceed 12 inches in thickness (measured loose).

The base course for the parking lot and driveway areas should consist of CA-6 crushed stone per the State of Illinois Specifications for Road and Bridge Construction. Bituminous binder and surface courses should consist of fine, dense, graded aggregate, Class I, or Sub-Class I-11 as defined in the Illinois Department of Transportation Standard Specifications for Road and Bridge Construction. The design of pavements should incorporate provisions for drainage of both the pavement surface and the base course layer. Should standing water be allowed to accumulate on the pavement surface or within the base course, the subgrade will soften and it is likely that the pavement will deteriorate.

5.5 Assessment of Retaining Walls

All retaining walls should be designed to resist the lateral earth pressure plus any surcharge (q) loads (surcharge loads are horizontal pressures due to vertical surcharge on the backfill behind each wall).

Imported granular (CA-6 crushed limestone aggregate) fill should be used as backfill material. Each 12"-thick lift should be compacted to at least 90% Modified Proctor according to ASTM D 1557 within at rest, active and passive wedges behind each proposed foundation wall. The



equation for computation of the at rest (K_o), active (K_a) or passive (K_p) lateral earth pressure (p) is given below:

$$(P) = (K_o \text{ or } K_a \text{ or } K_p) \times ((\gamma \times h) + q)$$

Where:

P = at rest (K_o) or active (K_a) or passive (K_p) lateral pressure [psf]

K_o = at rest lateral earth pressure coefficient

K_a = active lateral earth pressure coefficient

K_p = Passive lateral earth pressure coefficient

γ = unit weight of backfill [pcf]

h = depth of backfill [ft]

q = horizontal pressure due to vertical surcharge on backfill [psf]

$$K_o \text{ (at rest)} = 0.42$$

$$K_a \text{ (active)} = 0.27$$

$$K_p \text{ (passive)} = 3.7$$

$$\gamma = 137 \text{ pcf}$$

The equivalent fluid pressures for at rest, active and passive undrained and drained conditions are presented below:

<u>Undrained</u> Crushed Stone	at-rest =91psf/ft	active=81psf/ft	passive=313psf/ft
<u>Drained</u> Crushed Stone	at-rest =65psf/ft	active=29psf/ft	passive=510psf/ft

The lateral earth pressure will also be resisted by forces of either friction or adhesion between the soil and bottom of each foundation where cohesive (clay) soil is encountered. The approximate average value of the force of adhesion (C_a) between the in-situ silty clay soil and concrete is given below:

$$C_a = 250 \text{ psf (FS of soil} = 2.0)$$

For the retaining structure foundation to be placed on newly-compacted granular fills, sliding will be resisted by the friction force between the granular fill and the concrete bottom on the base of the foundation and the passive earth pressure resistance from the backfill soil. The friction factor between the granular fill soils and concrete is given below:



$$F = 0.40$$

A factor of safety of 1.5 against horizontal sliding and a factor of safety of 2.0 against overturning moment is recommended when all steady state and transient loads are applied.



6.0 CONSTRUCTION CONSIDERATIONS

6.1 Drainage Considerations

When considering the depth of the true groundwater table to the proposed average excavation depth, it is EPI's opinion that the groundwater infiltration problems will be minimal unless the saturated sand seams, as described on the boring logs, are encountered during construction. Under these conditions, piping of the cohesionless (sand/silt) soils should not be allowed. Surficial water run-off should not be allowed to collect in the foundation excavations or on prepared subgrades of the construction area either during or after construction. Undercut or excavated areas should be sloped toward one corner to facilitate removal of collected rainwater, groundwater, or surface runoff. Positive site drainage should be provided to reduce infiltration of surface water around the perimeter of the building and beneath the floor slabs. The grades should be sloped away from the building and surface drainage should be collected and discharged such that water is not permitted to infiltrate the backfill and floor slab areas of the building.

6.2 Excavations

All soil removal projects, whether they be utility trenches, basement excavations or footing excavations, should be performed within OSHA guidelines. The soil base of all excavations should be protected during construction from deteriorating or softening caused by frost and construction activity.

The contractor is solely responsible for designing and constructing stable, temporary excavations and should shore, slope, or bench the sides of the excavations as required to maintain stability of both the excavation sides and bottom. The contractor's "responsible person", as defined in 29 CFR Part 1926, should evaluate the soil exposed in the excavations as part of the contractor's safety procedures. In no case should slope height, slope inclination, or excavation depth, including utility trench excavation depth, exceed those specified in local, state, and federal safety regulations. EPI is providing this information solely as a service to our client. EPI is not assuming responsibility for construction site safety or the contractor's activities; such responsibility is not being implied and should not be inferred.



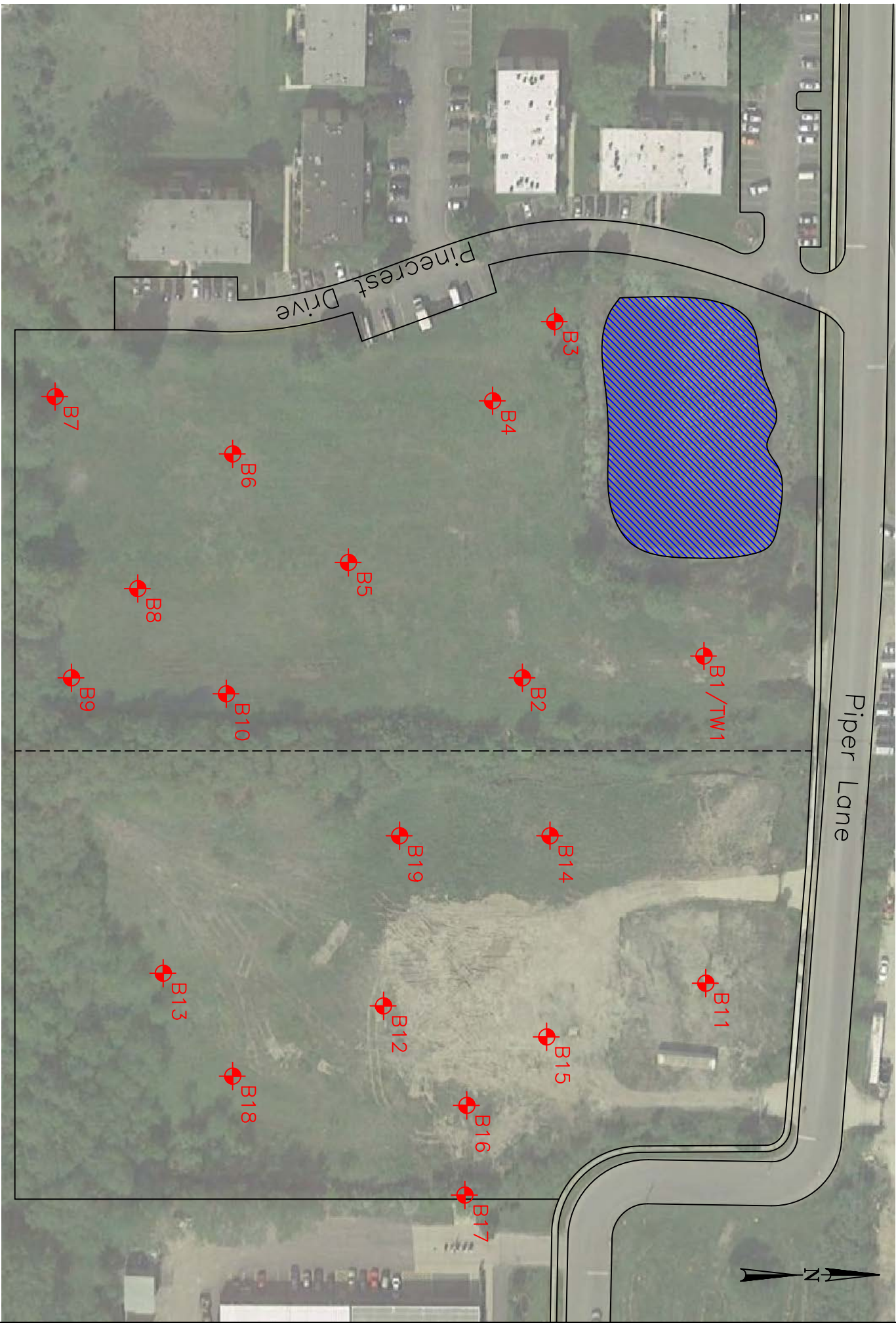
7.0 REPORT LIMITATIONS

The recommendations submitted are based on the available subsurface information obtained by EPI and development details furnished to EPI. Please note that the information provided in this report should be evaluated by and the structural site improvements should be designed by a licensed structural engineer and/or architect. It should be understood that the locations of the geotechnical borings are approximate, since no site survey was performed to locate the borings. This report does not reflect any variations that may occur between or beyond these borings. If there are revisions to the plans for this project or if deviations from the subsurface conditions noted in this report are encountered during construction, EPI should be notified immediately to determine if changes in our recommendations are required. All of the borings were backfilled with the auger cuttings. Even though this backfill was compacted, some settlement can be expected due to the dead weight of the soil. Please note that it is the property owner's responsibility to maintain the boreholes' fill elevation.

This geotechnical report has been prepared for the sole use of the client identified in the report and cannot be relied upon by other persons or entities without the joint permission of the client and EPI. The observations and conclusions contained herein are limited by the scope and intent of the work mutually agreed upon by the client and EPI and the work actually performed.

There are no warranties, implied or expressed, concerning the integrity of the areas and/or mediums not analytically tested. The geotechnical engineer warrants that the findings, recommendations, or professional advice contained herein have been made in accordance with generally accepted professional geotechnical engineering practices in the local area.

SOIL BORING LOCATIONS



LEGEND



SOIL BORING

 ENVIRONMENTAL PROTECTION INDUSTRIES				JOB LOC. 25-35 Piper Lane, Prospect Heights, IL	
16650 SOUTH CANAL, SOUTH HOLLAND, IL 60473				TITLE: GEOTECHNICAL SOIL BORING LOCATION MAP	
DATE	DESIGNED	CAD	CHECKED	APP'D	
10/22/18	T.H.	JPS	S.M.	S.M.	
DWG NO.	181159	JOB NO.	181159	SCALE:	1"=100' Fig. 1

SOIL BORING LOGS

Project Number: 181159 Client Name: Conor Commercial Real Estate					Boring Number: B1					Page: 1 of 1 Date: 9/25/18				
Address: 25-35 Piper Lane, Prospect Heights, IL					Boring Location: See Map					Start: Finish:				

Geotechnical Sample Number	Sample Type	Sample Recovery (Inches)	Depth (Feet)	Detailed Soil and Rock Description: Surface Elevation	"N"	"Qp"	"Qu"	"w _c "	"γ _d "	Compaction (%)	PID (PPM)	Remarks: Blow Counts		
					Blow Count	Calibrated Penetrometer (TSF)	Unconfined Compression (TSF)	Moisture Content (%)	Dry Density (PCF)					
1	AS	--	0.0'	4" Top Soil. Black/Brown Silty Clay with some Gravel (Fill)	--	1.5	--	21	--	--	--	--	--	--
2	SS	18	2.0'	Moist Black/Brown Silty Clay with Gravel; Trace Brick (Fill)	9	2.5	2.3	18	105	--	--	4	4	5
3	SS	18	4.0'	Saturated Sand Seam; Trace Gravel										
			6.0'	Brown to Gray Silty Clay [CL]	12	2.5	--	18	--	--	--	4	6	6
4	SS	20	8.0'	Very Tough-Hard, Gray Silty Clay; Trace Gravel and Sand [CL]	21	4.25	4.9	16	--	--	--	8	7	12
5	SS	24	10.0'		16	2.5	2.5	17	--	--	--	6	6	10
6	SS	22	12.0'		20	2.5	--	18	--	--	--	6	8	12
			14.0'											
			16.0'											
			18.0'											
			20.0'	END OF BORING @ 20 FEET										
			22.0'											
			24.0'											
			26.0'											
			28.0'											
			30.0'											

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual

GROUNDWATER DEPTH ▼ Depth During Drilling <u>5.5 Feet</u> ▽ Depth After Drilling <u>Cave in @ 5'</u>		Auger Depth <u>20 Feet</u> Rig Type <u>Diedrich D-25</u> Rotary Depth _____ Manager <u>Sergio Meilman</u> Driller <u>Danny Farias</u> Note: Boring backfilled unless otherwise noted	
---	--	--	--

Project Number: 181159 Client Name: Conor Commercial Real Estate	Boring Number: B2	Page: 1 of 1 Date: 9/25/18 Start: Finish:
Address: 25-35 Piper Lane, Prospect Heights, IL	Boring Location: See Map	

Geotechnical Sample Number	Sample Type	Sample Recovery (Inches)	Depth (Feet)	Detailed Soil and Rock Description: Surface Elevation	"N" Blow Count	"Qp" Calibrated Penetrometer (TSF)	"Qu" Unconfined Compression (TSF)	"w _c " Moisture Content (%)	"γ _d " Dry Density (pcf)	Compaction (%)	PID (PPM)	Remarks: Blow Counts
			0.0'	5" Top Soil. Black/Brown Silty Clay with Gravel (Fill)	--	2.5	--	22	--	--	--	--
1	AS	--	2.0'									
2	SS	18	4.0'	Loose Brown to Black Silty Sand (Fill?)	12	--	--	14	--	--	--	4 5 7
3	SS	20	6.0'	Saturated Sand and Gravel Seam	9	1.0	--	21	--	--	--	4 4 5
4	SS	20	8.0'	Very Tough - Hard, Moist, Gray Silty Clay; Trace Gravel and Sand [CL]	23	4.5+	5.3	17	112	--	--	7 9 14
5	SS	18	10.0'									
			12.0'		14	--	--	14	--	--	--	6 8 6
			14.0'	Saturated Gray Silty Sand with Gravel [SM]								
			16.0'	END OF BORING @ 15 FEET								
			18.0'									
			20.0'									
			22.0'									
			24.0'									
			26.0'									
			28.0'									
			30.0'									

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual		
GROUNDWATER DEPTH ▼ Depth During Drilling <u>9 Feet</u> ▽ Depth After Drilling <u>8 Feet</u>	Auger Depth <u>15 Feet</u> Rig Type <u>Diedrich D-25</u> Rotary Depth _____ Manager <u>Sergio Meilman</u> Driller <u>Danny Farias</u> Note: Boring backfilled unless otherwise noted	

Project Number: 181159 Client Name: Conor Commercial Real Estate	Boring Number: B3	Page: 1 of 1 Date: 9/25/18 Start: Finish:
Address: 25-35 Piper Lane, Prospect Heights, IL	Boring Location: See Map	

Geotechnical Sample Number	Sample Type	Sample Recovery (Inches)	Depth (Feet)	Detailed Soil and Rock Description: Surface Elevation	"N" Blow Count	"Qp" Calibrated Penetrometer (TSF)	"Qu" Unconfined Compression (TSF)	"w _c " Moisture Content (%)	"γ _d " Dry Density (PCF)	Compaction (%)	PID (PPM)	Remarks: Blow Counts
			0.0'									
1	AS	--	0.0' - 2.0'	5" Top Soil. Topsoil and Brown Silty Clay; Trace Gravel (Fill) Very Tough, Brown to Gray Silty Clay with Gravel [CL]	--	2.0	--	19	--	--	--	-- --
2	SS	18	2.0' - 4.0'		8	2.5	2.4	18	106	--	--	3 3 5
3	SS	18	4.0' - 6.0'	Very Tough, Gray to Brown Silty Clay; Trace Gravel and Sand [CL]	12	3.5	3.8	17	--	--	--	4 5 7
4	SS	18	6.0' - 8.0'		18	3.0	3.0	17	--	--	--	6 8 10
			8.0' - 10.0'	Tough - Very Tough, Gray Silty Clay; Trace Gravel and Sand [CL]								
5	SS	24	10.0' - 12.0'		12	1.5	--	21	--	--	--	5 5 7
			12.0' - 14.0'									
			14.0' - 16.0'	END OF BORING @ 15 FEET								
			16.0' - 18.0'									
			18.0' - 20.0'									
			20.0' - 22.0'									
			22.0' - 24.0'									
			24.0' - 26.0'									
			26.0' - 28.0'									
			28.0' - 30.0'									
			30.0' - 32.0'									

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual		
GROUNDWATER DEPTH ▼ Depth During Drilling <u>12 Feet</u> ▽ Depth After Drilling <u>10 Feet</u>	Auger Depth <u>15 Feet</u> Rig Type <u>Diedrich D-25</u> Rotary Depth _____ Manager <u>Sergio Meilman</u> Driller <u>Danny Farias</u> Note: Boring backfilled unless otherwise noted	

Project Number: 181159 Client Name: Conor Commercial Real Estate	Boring Number: B4	Page: 1 of 1 Date: 9/25/18 Start: Finish:
Address: 25-35 Piper Lane, Prospect Heights, IL	Boring Location: See Map	

Geotechnical Sample Number	Sample Type	Sample Recovery (Inches)	Depth (Feet)	Detailed Soil and Rock Description:	N	Qp	Qu	w _c	γ _d	Compaction (%)	PID (PPM)	Remarks: Blow Counts
				Surface Elevation	Blow Count	Calibrated Penetrometer (TSF)	Unconfined Compression (TSF)	Moisture Content (%)	Dry Density (PCF)			
			0.0'									
1	AS	--	2.0'	5" Top Soil. Brown to Gray Silty Clay with Gravel [Fill]	--	2.0	--	19	--	--	--	-- -- --
2	SS	18	4.0'	Black/Brown Silty Clay with Gravel and Sand [Fill]	10	1.5	--	21	--	--	--	4 5 5
3	SS	24	6.0'	Gray to Brown Silty Clay; Trace Gravel	14	3.0	3.4	17	109	--	--	6 7 7
4	SS	24	8.0'	Tough - Hard, Gray Silty Clay; Trace Gravel and Sand [CL]	22	4.0	4.7	17	--	--	--	7 9 13
5	SS	24	12.0'		15	1.5	1.4	20	--	--	--	5 7 8
6	SS	--	16.0'		17	--	--	19	--	--	--	7 8 9
			18.0'	Medium Density, Gray Silty Sand with Gravel [SM]								
			20.0'	END OF BORING @ 20 FEET								
			22.0'									
			24.0'									
			26.0'									
			28.0'									
			30.0'									

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual		
GROUNDWATER DEPTH ▼ Depth During Drilling <u>16 Feet</u> ▽ Depth After Drilling <u>11 Feet</u>	Auger Depth <u>20 Feet</u> Rig Type <u>Diedrich D-25</u> Rotary Depth _____ Manager <u>Sergio Meilman</u> Driller <u>Danny Farias</u> Note: Boring backfilled unless otherwise noted	

Project Number: 181159 Client Name: Conor Commercial Real Estate	Boring Number: B5	Page: 1 of 1 Date: 9/25/18 Start: Finish:
Address: 25-35 Piper Lane, Prospect Heights, IL	Boring Location: See Map	

Geotechnical Sample Number	Sample Type	Sample Recovery (Inches)	Depth (Feet)	Detailed Soil and Rock Description: Surface Elevation	N Blow Count	Qp Calibrated Penetrometer (TSF)	Qu Unconfined Compression (TSF)	w _c Moisture Content (%)	γ _d Dry Density (PCF)	Compaction (%)	PID (PPM)	Remarks: Blow Counts
			0.0'									
1	AS	--	2.0'	6" Topsoil. Black/Brown Silty Clay with Gravel and Sand [Fill]	--	1.0	--	20	--	--	--	--
2	SS	18	4.0'	Very Tough, Brown to Gray Silty Clay with Gravel and Sand [CL]	15	3.5	3.4	17	111	--	--	4 6 9
3	SS	18	6.0'		14	2.5	2.8	18	--	--	--	5 5 9
4	SS	24	8.0'	Very Tough, Moist, Gray to Brown Silty Clay with Gravel and Sand [CL] ▼	19	3.5	--	18	--	--	--	7 9 10
5	SS	24	10.0'	Tough - Very Tough, Moist, Gray Sandy/Silty Clay, little Gravel [CL]								
			12.0'		20	3.5	3.5	17	--	--	--	6 8 12
			14.0'									
6	SS	24	16.0'									
			18.0'		12	1.5	1.9	20	--	--	--	5 5 7
			20.0'									
			22.0'	END OF BORING @ 20 FEET								
			24.0'									
			26.0'									
			28.0'									
			30.0'									

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual		
GROUNDWATER DEPTH ▼ Depth During Drilling <u>9 Feet</u> ▽ Depth After Drilling <u>8 Feet</u>	Auger Depth <u>20 Feet</u> Rig Type <u>Diedrich D-25</u> Rotary Depth _____ Manager <u>Sergio Meilman</u> Driller <u>Danny Farias</u> Note: Boring backfilled unless otherwise noted	

Project Number: 181159 Client Name: Conor Commercial Real Estate	Boring Number: B6	Page: 1 of 1 Date: 9/25/18 Start: Finish:
Address: 25-35 Piper Lane, Prospect Heights, IL	Boring Location: See Map	

Geotechnical Sample Number	Sample Type	Sample Recovery (Inches)	Depth (Feet)	Detailed Soil and Rock Description:	"N" Blow Count	"Qp" Calibrated Penetrometer (TSF)	"Qu" Unconfined Compression (TSF)	w _c Moisture Content (%)	γ _d Dry Density (PCF)	Compaction (%)	PID (PPM)	Remarks: Blow Counts
				Surface Elevation								
			0.0'									
1	AS	--	2.0'	6" Topsoil. Black/Brown Silty Clay, Sand, and Gravel [Fill]	--	2.0	--	20	--	--	--	--
2	SS	18	4.0'		8	1.0	--	22	--	--	--	3 4 4
3	SS	10	6.0'		11	2.0	2.0	19	102	--	--	4 5 6
			8.0'	Moist, Brown to Gray Sandy/Silty Clay with some Gravel [CL]								
4	SS	22	8.0'	Moist Gray Silty Clay [CL]	24	4.5+	6.7	14	--	--	--	8 10 14
			10.0'	Moist Gray Silty Clay with seams of Gray Sand and Gravel [CL]								
5	SS	20	12.0'	Tough - Very Tough, Moist Gray Silty Clay; Trace Sand and Gravel [CL]	16	2.0	--	19	--	--	--	6 7 9
			14.0'									
6	SS	0	16.0'									
			18.0'		--	1.0	--	NO RECOVERY	--	--	--	--
			20.0'	END OF BORING @ 20 FEET								
			22.0'									
			24.0'									
			26.0'									
			28.0'									
			30.0'									

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual

GROUNDWATER DEPTH ▼ Depth During Drilling 9 Feet ▽ Depth After Drilling 9 Feet	Auger Depth <u>20 Feet</u> Rig Type <u>Diedrich D-25</u> Rotary Depth _____ Manager <u>Sergio Meilman</u> Driller <u>Danny Farias</u> Note: Boring backfilled unless otherwise noted	
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Project Number: 181159 Client Name: Conor Commercial Real Estate	Boring Number: B7	Page: 1 of 1 Date: 9/26/18 Start: Finish:
Address: 25-35 Piper Lane, Prospect Heights, IL	Boring Location: See Map	

Geotechnical Sample Number	Sample Type	Sample Recovery (Inches)	Depth (Feet)	Detailed Soil and Rock Description: Surface Elevation	Blow Count N	Calibrated Penetrometer (TSF) Qp	Unconfined Compression (TSF) Qu	Moisture Content (%) w _c	Dry Density (PCF) γ _d	Compaction (%)	PID (PPM)	Remarks: Blow Counts		
			0.0'	Topsoil and Black to Brown Silty Clay and Gravel (Fill)										
1	AS	--	2.0'	Black to Brown Silty Clay; Trace Gravel [Fill]	--	2.0	--	20	--	--	--	--	--	--
2	SS	18	4.0'	Moist Black/Brown Silty Clay; Trace Gravel [Fill?]	6	1.0	--	22	--	--	--	4	3	3
3	AS	--	6.0'	Very Tough, Brown to Gray Silty Clay; Trace Gravel [CL]	--	2.5	NO RECOVERY					--	--	
4	SS	18	8.0'	Tough - Very Tough, Moist Gray Silty Clay; Trace Gravel and Sand [CL]	13	1.5	1.4	19	--	--	--	4	6	7
5	SS	24	10.0'											
			12.0'		20	2.0	--	19	--	--	--	6	8	12
			14.0'	Medium Density, Moist Gray Silt [ML]										
			16.0'	END OF BORING @ 15 FEET										
			18.0'											
			20.0'											
			22.0'											
			24.0'											
			26.0'											
			28.0'											
			30.0'											

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual

GROUNDWATER DEPTH ▼ Depth During Drilling 9 Feet ▽ Depth After Drilling 7 Feet	Auger Depth <u>15 Feet</u> Rig Type <u>Diedrich D-25</u> Rotary Depth _____ Manager <u>Sergio Meilman</u> Driller <u>Danny Farias</u> Note: Boring backfilled unless otherwise noted	
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Project Number: 181159 Client Name: Conor Commercial Real Estate	Boring Number: B8	Page: 1 of 1 Date: 9/26/18 Start: Finish:
Address: 25-35 Piper Lane, Prospect Heights, IL	Boring Location: See Map	

Geotechnical Sample Number	Sample Type	Sample Recovery (Inches)	Depth (Feet)	Detailed Soil and Rock Description:	N ¹	Q _p ²	Q _u ³	w _c ⁴	γ _d ⁵	Compaction (%)	PID (PPM)	Remarks: Blow Counts		
				Surface Elevation	Blow Count	Calibrated Penetrometer (TSF)	Unconfined Compression (TSF)	Moisture Content (%)	Dry Density (pcf)					
1	AS	--	0.0'	(6" Topsoil. Black to Brown Silty Clay; Trace Gravel) Fill	--	1.0	--	21	--	--	--	--	--	--
			2.0'											
2	SS	18	4.0'	(Moist Black/Brown Silty Clay; Trace Gravel) Fill	5	1.0	--	22	--	--	--	3	2	3
3	SS	18	6.0'	Tough, Moist Brown to Gray Silty Clay; Trace Gravel and Sand [CL]	9	1.5	1.6	19	102	--	--	4	4	5
4	SS	20	8.0'											
			10.0'	Saturated Gray to Brown Silty Clay. 9.5' to 10' seam of Gray Sand and Gravel	27	4.5+	--	16	--	--	--	7	12	15
5	SS	24	12.0'	Gray Silty Clay; Trace Sand and Gravel [CL]	12	1.5	--	19	--	--	--	5	6	6
			14.0'											
			16.0'	END OF BORING @ 15 FEET										
			18.0'											
			20.0'											
			22.0'											
			24.0'											
			26.0'											
			28.0'											
			30.0'											

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual		
GROUNDWATER DEPTH ▼ Depth During Drilling <u>9 Feet</u> ▽ Depth After Drilling <u>8 Feet</u>	Auger Depth <u>15 Feet</u> Rig Type <u>Diedrich D-25</u> Rotary Depth _____ Manager <u>Sergio Meilman</u> Driller <u>Danny Farias</u> Note: Boring backfilled unless otherwise noted	

Project Number: 181159 Client Name: Conor Commercial Real Estate	Boring Number: B9	Page: 1 of 1 Date: 9/26/18 Start: Finish:
Address: 25-35 Piper Lane, Prospect Heights, IL	Boring Location: See Map	

Geotechnical Sample Number	Sample Type	Sample Recovery (Inches)	Depth (Feet)	Detailed Soil and Rock Description:	Blow Count	Calibrated Penetrometer (TSF)	Unconfined Compression (TSF)	Moisture Content (%)	Dry Density (pcf)	Compaction (%)	PID (PPM)	Remarks: Blow Counts
			0.0'	8" Topsoil								
1	AS	--	2.0'	Black/Brown Silty Clay(Fill)	--	1.5	--	20	--	--	--	-- -- --
2	SS	18	4.0'	Very Tough, Brown to Gray Silty Clay; Trace Gravel and Sand	20	3.25	3.7	17	--	--	--	5 8 12
3	SS	12	6.0'	[CL]	12	--	--	14	--	--	--	-- -- --
4	SS	24	8.0'	Medium Density, Wet, Brown Sand with Gravel [SP]	28	4.0	4.0	16	--	--	--	8 12 16
5	SS	24	10.0'	Tough - Hard, Gray Silty Clay; Seams of Wet Brown Sand								
			12.0'	[CL]	13	1.5	--	19	--	--	--	4 6 7
			14.0'									
			16.0'	END OF BORING @ 15 FEET								
			18.0'									
			20.0'									
			22.0'									
			24.0'									
			26.0'									
			28.0'									
			30.0'									

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual		
GROUNDWATER DEPTH ▼ Depth During Drilling 9 Feet ▽ Depth After Drilling Cave in at 7'	Auger Depth <u>15 Feet</u> Rig Type <u>Diedrich D-25</u> Rotary Depth _____ Manager <u>Sergio Meilman</u> Driller <u>Danny Farias</u> Note: Boring backfilled unless otherwise noted	

Project Number: 181159 Client Name: Conor Commercial Real Estate	Boring Number: B10	Page: 1 of 1 Date: 9/26/18 Start: Finish:
Address: 25-35 Piper Lane, Prospect Heights, IL	Boring Location: See Map	

Geotechnical Sample Number	Sample Type	Sample Recovery (Inches)	Depth (Feet)	Detailed Soil and Rock Description:	N	Qp	Qu	w _c	γ _d			Remarks: Blow Counts		
				Surface Elevation	Blow Count	Calibrated Penetrometer (TSF)	Unconfined Compression (TSF)	Moisture Content (%)	Dry Density (PCF)	Compaction (%)	PID (PPM)			
			0.0'											
1	AS	--	2.0'	5" Topsoil; Black to Brown Silty Clay [Fill]	--	1.0	--	19	--	--	--	--	--	--
2	SS	18	4.0'	Black/Brown Silty Clay; Trace Gravel [Fill?]	10	2.5	--	18	104	--	--	4	5	5
3	AS	--	6.0'	Very Tough, Brown to Gray Silty Clay; Trace Gravel [CL]	▽ --	3.0	--	NO RECOVERY				--	--	
4	SS	20	8.0'	Very Tough – Hard, Moist, Gray Silty Clay; Trace Sand and Gravel [CL]	▼ 31	4.5+	7.0	14	--	--	--	7	14	17
5	SS	24	12.0'		15	2.5	--	18	--	--	--	5	7	8
			14.0'											
			16.0'	END OF BORING @ 15 FEET										
			18.0'											
			20.0'											
			22.0'											
			24.0'											
			26.0'											
			28.0'											
			30.0'											

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual			
GROUNDWATER DEPTH ▼ Depth During Drilling <u>9 Feet</u> ▽ Depth After Drilling <u>7 Feet</u>	Auger Depth <u>15 Feet</u> Rig Type <u>Diedrich D-25</u> Rotary Depth _____ Manager <u>Sergio Meilman</u> Driller <u>Danny Farias</u> Note: Boring backfilled unless otherwise noted		

Project Number: 181159 Client Name: Conor Commercial Real Estate	Boring Number: B11	Page: 1 of 1 Date: 9/26/18 Start: Finish:
Address: 25-35 Piper Lane, Prospect Heights, IL	Boring Location: See Map	

Geotechnical Sample Number	Sample Type	Sample Recovery (Inches)	Depth (Feet)	Detailed Soil and Rock Description:	Blow Count	Calibrated Spheronometer (TSF)	Unconfined Compression (TSF)	Moisture Content (%)	Dry Density (PCF)	Compaction (%)	PID (PPM)	Remarks: Blow Counts
				Surface Elevation								
			0.0'									
1	AS	--	2.0'	Moist, Black to Brown Silty Clay with Gravel; Trace Sand	--	1.5	--	22	--	--	--	--
				[Fill]								
2	SS	2	4.0'		23	4.0	--	18	--	--	--	3 8 15
			6.0'									
			8.0'	END OF BORING @ 6 FEET								
				REFUSAL (3 ATTEMPTS MADE)								
			10.0'									
			12.0'									
			14.0'									
			16.0'									
			18.0'									
			20.0'									
			22.0'									
			24.0'									
			26.0'									
			28.0'									
			30.0'									

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual		
GROUNDWATER DEPTH ▼ Depth During Drilling Dry _____ ▽ Depth After Drilling Dry _____	Auger Depth <u>6 Feet</u> Rig Type <u>Diedrich D-25</u> Rotary Depth _____ Manager <u>Sergio Meilman</u> Driller <u>Danny Farias</u> Note: Boring backfilled unless otherwise noted	

Project Number:181159					Boring Number: B12					Page: 1 of 1				
Client Name:Conor Commercial Real Estate										Date: 9/26/18				
Address: 25–35 Piper Lane, Prospect Heights, IL					Boring Location: See Map					Start:				
										Finish:				

Geotechnical Sample Number	Sample Type	Sample Recovery (Inches)	Depth (Feet)	Detailed Soil and Rock Description:	Blow Count N	Calibrated Penetrometer (TSF) Qp	Unconfined Compression (TSF) Qu	Moisture Content (%) w _c	Dry Density (PCF) γ _d	Compaction (%)	PID (PPM)	Remarks: Blow Counts		
				Surface Elevation										
1	AS	--	0.0'	(Topsoil and Gravel) Fill	--	--	--	--	--	--	--	--	--	--
			2.0'											
			4.0'	END OF BORING @ 3 FEET REFUSAL (3 ATTEMPTS MADE)										
			6.0'											
			8.0'											
			10.0'											
			12.0'											
			14.0'											
			16.0'											
			18.0'											
			20.0'											
			22.0'											
			24.0'											
			26.0'											
			28.0'											
			30.0'											

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual

GROUNDWATER DEPTH ▼ Depth During Drilling ▽ Depth After Drilling ▽ Dry	Auger Depth <u>3 Feet</u> Rig Type <u>Diedrich D-25</u> Rotary Depth _____ Manager <u>Sergio Meilman</u> Driller <u>Danny Farias</u> Note: Boring backfilled unless otherwise noted	
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Project Number: 181159 Client Name: Conor Commercial Real Estate	Boring Number: B13	Page: 1 of 1 Date: 9/26/18 Start: _____ Finish: _____
Address: 25-35 Piper Lane, Prospect Heights, IL	Boring Location: See Map	

Geotechnical Sample Number	Sample Type	Sample Recovery (Inches)	Depth (Feet)	Detailed Soil and Rock Description:	N	Qp	Qu	w _c	γ _d			Remarks:			
				Surface Elevation	Blow Count	Calibrated Penetrometer (TSF)	Unconfined Compression (TSF)	Moisture Content (%)	Dry Density (PCF)	Compaction (%)	PID (PPM)	Blow	Counts		
			0.0'	(Topsoil, Black Silty Clay, and Gravel; Trace Sand) Fill											
1	AS	--	2.0'		--	--	--	--	--	--	--	--	--	--	--
2	SS	--	4.0'		--	--	--	--	--	--	--	--	--	--	--
3	AS	--	6.0'		--	--	--	--	--	--	--	--	--	--	--
			8.0'	END OF BORING @ 7 FEET REFUSAL											
			10.0'												
			12.0'												
			14.0'												
			16.0'												
			18.0'												
			20.0'												
			22.0'												
			24.0'												
			26.0'												
			28.0'												
			30.0'												

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual		
GROUNDWATER DEPTH ▼ Depth During Drilling <u> Dry </u> ▽ Depth After Drilling <u> Dry </u>	Auger Depth <u>7 Feet</u> Rig Type <u>Diedrich D-25</u> Rotary Depth _____ Manager <u>Sergio Meilman</u> Driller <u>Danny Farias</u> Note: Boring backfilled unless otherwise noted	

Project Number: 181159 Client Name: Conor Commercial Real Estate	Boring Number: B14	Page: 1 of 1 Date: 9/26/18 Start: Finish:
Address: 25-35 Piper Lane, Prospect Heights, IL	Boring Location: See Map	

Geotechnical Sample Number	Sample Type	Sample Recovery (Inches)	Depth (Feet)	Detailed Soil and Rock Description:	N Blow Count	Qp Calibrated Penetrometer (TSF)	Qu Unconfined Compression (TSF)	w _c Moisture Content (%)	γ _d Dry Density (PCF)	Compaction (%)	PID (PPM)	Remarks: Blow Counts			
				Surface Elevation											
			0.0'	(Topsoil, Black Silty Clay, and Gravel; Trace Sand) Fill											
1	AS	--	2.0'			--	--	--	--	--	--	--	--	--	--
				(Brown to Gray Silty Clay; Trace Sand and Gravel) Fill											
2	AS	--	4.0'			--	--	--	--	--	--	--	--	--	--
3	AS	--	6.0'		--	--	--	--	--	--	--	--	--	--	
			8.0'	END OF BORING @ 7 FEET REFUSAL											
			10.0'												
			12.0'												
			14.0'												
			16.0'												
			18.0'												
			20.0'												
			22.0'												
			24.0'												
			26.0'												
			28.0'												
			30.0'												

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual		
GROUNDWATER DEPTH ▼ Depth During Drilling <u>Dry</u> ▽ Depth After Drilling <u>Dry</u>	Auger Depth <u>7 Feet</u> Rig Type <u>Diedrich D-25</u> Rotary Depth _____ Manager <u>Sergio Meilman</u> Driller <u>Danny Farias</u> Note: Boring backfilled unless otherwise noted	

Project Number:181159 Client Name:Conor Commercial Real Estate				Boring Number: B15				Page: 1 of 1 Date: 9/26/18			
Address: 25–35 Piper Lane, Prospect Heights, IL				Boring Location: See Map				Start: Finish:			

Geotechnical Sample Number	Sample Type	Sample Recovery (Inches)	Depth (Feet)	Detailed Soil and Rock Description:	"N" Blow Count	"Qp" Calibrated Penetrometer (TSF)	"Qu" Unconfined Compression (TSF)	"w _c " Moisture Content (%)	"γ _d " Dry Density (PCF)	Compaction (%)	PID (PPM)	Remarks: Blow Counts
Surface Elevation												
			0.0'	(2" Topsoil. Loose Black Silty Clay with Gravel) Fill								
1	AS	--	2.0'		--	--	--	--	--	--	--	--
2	SS	--	4.0'		--	--	--	--	--	--	--	--
			4.0'	END OF BORING @ 4 FEET REFUSAL								
			6.0'									
			8.0'									
			10.0'									
			12.0'									
			14.0'									
			16.0'									
			18.0'									
			20.0'									
			22.0'									
			24.0'									
			26.0'									
			28.0'									
			30.0'									

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual

GROUNDWATER DEPTH ▼ Depth During Drilling <u> Dry </u> ▽ Depth After Drilling <u> Dry </u>	Auger Depth <u>4 Feet</u> Rig Type <u>Diedrich D-25</u> Rotary Depth <u> </u> Manager <u>Sergio Meilman</u> Driller <u>Danny Farias</u> Note: Boring backfilled unless otherwise noted	
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SOIL CLASSIFICATION SYSTEM



Environmental Protection Industries, Inc.
16650 S. Canal Street, South Holland, IL 60473

LEGEND FOR BORING LOGS

MATERIAL

Boulder
Cobble
Coarse Gravel
Medium Gravel
Small Gravel
Coarse Sand
Medium Sand
Fine Sand
Silt or Clay

SIZE RANGE

over 8 inches
2.5 inches to 8 inches
1 inch to 2.5 inches
3/8 inch to 1 inch
No. 4 sieve to 3/8 inch
No. 20 sieve to No. 4 sieve
No. 60 sieve to No. 20 sieve
No. 200 sieve to No. 60 sieve
Finer than No.200 sieve

COHESIVE SOILS

<u>Classification</u>	<u>Qu</u>
Very Soft	0.00 - 0.25
Soft	0.25 - 0.50
Stiff	0.50 – 0.99
Tough	1.00 – 1.99
Very Tough	2.00 – 3.99
Hard	4.00 – 8.00
Very Hard	Over 8.00

COHESIONLESS SOILS

<u>Classification</u>	<u>N (per ft)</u>
Very Loose	0 – 3
Loose	4 – 9
Medium Dense	10 – 29
Dense	30 – 49
Very Dense	50 – 80
Extremely Dense	Over 80



MAJOR MODIFIERS

Silty, Sandy, Clayey and Gravelly

Modifying Term	Percent by Weight
Trace	1 – 10
Little	10 – 20
Some	20 – 35
And	35 – 50

SOIL COMPONENTS, FRACTIONS, TERMS AND ABBREVIATIONS FOR VISUAL IDENTIFICATION OF SOILS

DEFINITION OF TERMS RELATING TO STRATIFIED SOILS:

Parting	0 to 1/16 inch thickness
Seam	1/16 inch to ½ inch thickness
Layer	½ inch to 12inch thickness
Stratum	Usually greater than 12 inches thick: Occasionally less, e.g. topsoil
Verved Silt	Fresh water lake deposit usually in seams, But occasionally in layers
Pocket	Small, erratic deposit usually less then 12 “
Lens	Lenticular deposit, larger than pocket
Occasional	One or less per 12 inches of thickness
Frequent	More than one per 12 inch of thickness



GLOSSARY OF MODIFYING TERMS

<i>CATEGORY</i>	<i>SYMBOL</i>	<i>TERM</i>	<i>SYMBOL</i>	<i>TERM</i>
Colors	bk	black	rd	red
	bl	blue	tn	tan
	br	brown	wh	white
	gr	gray	yw	yellow
	gn	green	dk	dark
	or	orange	lt	light
Organic Soils	dec	decayed	rts	roots
	dec'g	decaying	ts	topsoil
	lig	lignite	veg	vegetation
	o	organic	pt	peat
Stratification	alt	alternating	pkt	pocket
	lns	lens	prt	parting
	lyr	layer	sm	seam
	occ	occasional	vvd	verved
	frqt	frequent	w	with



IDENTIFYING TERMS FOR COMPOSITION OF GRANULAR SOILS

IDENTIFICATION		TERMS IDENTIFYING PROPORTIONS *		DEFINING RANGE OF PERCENT AGES BY WEIGHT	
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<i>COMPONENT</i>	<i>WRITTEN</i>	<i>SYMBOL</i>	<i>WRITTEN</i>	<i>SYMBOL</i>	
Principal Component	Gravel	G			
	Sand	Sa			50 or more
	Silt	Si			
Minor Component	Gravel	G	and	a	35 to 50
	Sand	Sa	some	s	20 to 35
	Silt	Si	little	l	10 to 20
			trace	t	1 to 10

* Proportions refer to the percentage of the whole soil finer and coarser than the principal component

Plus (+) nearer the upper limits of a proportion.

Minus (-) nearer the lower limits of a proportion.

No sign. Middle range of a proportion.



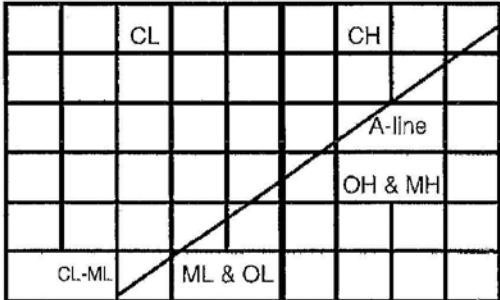
IDENTIFYING TERMS FOR CLAY – SOIL ON OVERALL PLASTICITY BASIS

<i>DEGREE OF OVERALL PLASTICITY</i>		<i>OVERALL PLASTICITY INDEX SAND-SILT-CLAY</i>	<i>IDENTIFICATION OF PRINCIPAL COMPONENTS</i>	
<i>Written</i>	<i>Symbol</i>		<i>Written</i>	<i>Symbol</i>
Non-plastic		0	Silt	S
Slight	Sl	1 to 5	Clayey Silt	CyS
Low	L	5 to 10	Silt and Clay	S&C
Medium	M	10 to 20	Clay and Silt	C&S
High	H	20 to 40	Silty Clay	SyC
Very High	VH	over 40	Clay	C



ENVIRONMENTAL PROTECTION INDUSTRIES

SOIL CLASSIFICATION SYSTEM

MAJOR DIVISIONS			GROUP SYMBOLS	TYPICAL NAMES	LABORATORY CLASSIFICATION CRITERIA					
Coarse Grained Soils (More than half of material is larger than No. 200 sieve)	Gravel (More than half of coarse fraction is larger than No. 4 sieve)	Clean Gravel (Little or no fines)	GW	Well graded gravel, gravel-sand mixtures, little or no fines	Determine percentages of sand and gravel from grain-size curve. Depending on percentage of fines (fraction smaller than No. 200 sieve size) coarse grained soils are classified as follows: <u>Less than 5%</u> GW,GP,SW,SP <u>More than 12%</u> GM,GC,SM,SC <u>5 - 12%</u> Borderline cases requiring use of dual symbols	$C_u = \frac{D_{60}}{D_{10}}$ greater than 4; $C_z = \frac{(D_{30})^2}{D_{10} \times D_{60}}$ between 1 and 3				
		GP	Poorly graded gravel, gravel-sand mixtures, little or no fines	Not meeting all gradation requirements for GW						
		Gravel w/fines (Appreciable amt. of fines)	GM	Silty gravel, gravel-sand-silt mixtures		Atterberg limits below A-line or PI less than 4	Above A-line with PI between 4 and 7 are borderline cases requiring use of dual symbols			
			GC	Clayey gravel, gravel-sand-clay mixtures		Atterberg limits above A-line or PI greater than 7				
	Sand (More than half of coarse fraction is smaller than No. 4 sieve)	Clean Sand (Little or no fines)	SW	Well graded sand, gravelly sand mixtures, little or no fines		$C_u = \frac{D_{60}}{D_{10}}$ greater than 6; $C_z = \frac{(D_{30})^2}{D_{10} \times D_{60}}$ between 1 and 3				
			SP	Poorly graded sand, gravel-sand mixtures, little or no fines		Not meeting all gradation requirements for SW				
		Sand w/fines (Appreciable amt. of fines)	SM	Silty sand, sand-silt mixtures		Atterberg limits below A-line or PI less than 4	Limits plotting in hatched zone with PI between 4 and 7 are borderline cases requiring use of dual symbols			
			SC	Clayey sand, sand-clay mixtures		Atterberg limits above A-line or PI greater than 7				
Fine Grained Soils (More than half of material is smaller than No. 200 sieve)	Silt and Clay (Liquid limit less than 50)		ML	Inorganic silt and very fine sand, rock flour, silty or clayey fine sand or clayey silt w/ slight plasticity	PLASTICITY CHART For classification of fine-grained soils and fine fraction of coarse-grained soils  Plasticity Index Liquid Limit					
			CL	Inorganic silt and very fine sand, rock flour, silty or clayey fine sand or clayey silt with slight plasticity						
			OL	Organic silt and organic silty clay of low plasticity						
	Silt and Clay (Liquid limit greater than 50)		MH	Inorganic silt, micaceous or diatomaceous fine sandy or silty soil, elastic silt						
			CH	Inorganic clay of high plasticity						
			OH	Organic clay of medium to high plasticity, organic silt						
	Highly Organic Soils		Pt	Peat and other highly organic soil						

PAVEMENT DESIGN REVIEW



ENVIRONMENTAL PROTECTION INDUSTRIES

PAVEMENT DESIGN CONSIDERATIONS

Design Date

Minimum Design Consideration

	<u>Vehicle Use</u>	<u>Axle Load</u>	<u>Desired Gross Structural Value Number</u>
A.	Cars & Light Trucks	6,000 lbs.	1.80
B.	Medium Trucks & Buses	12,000 lbs	2.50
C.	Heavy Trucks	18,000 lbs	3.20

Product Structural Coefficients per Inch Thickness

1.	CA-6 (#7) Aggregates (Base Construction – Section 301 Type B)	
	#7 Road Gravel	0.10
	#9 Crushed Road Gravel	0.12
	#8 Crushed Limestone	0.13
2.	Waterbound Macadam (Base Construction – Section 301 Type B)	0.14
3.	Pozzolanic Base	0.28
4.	Bituminous Aggregate Material Base using:	
	CA-6(#7) Aggregates	0.25
	CA-6 (#8 or 9) Crush Aggregates	0.30
5.	Asphalt Surfaces, Class I-II	0.40
6.	Portland Cement Concrete	0.50
7.	Cement Treated Aggregate Base	0.23
8.	Asphalt Binder	0.30



ENVIRONMENTAL PROTECTION INDUSTRIES

Sample Pavement Designs

	<u>“A” Light Duty</u>			<u>“B” Med. Duty</u>		<u>“C” Heavy Duty</u>	
	<u>Coeff.</u>	<u>Thick</u>	<u>Str. No.</u>	<u>Thick</u>	<u>Str. No.</u>	<u>Thick</u>	<u>Str. No.</u>
CA-6 Agg. Base	0.12	6”	0.72	10”	1.20	12”	1.44
Binder	0.30	2.0”	0.60	3”	0.90	4”	1.20
Asphalt I-11 Surface	0.40	1.5”	0.60	2”	0.80	2.5”	1.00
			1.92		2.90		3.64

Consider the following to provide better final designs.

1. Minimum thickness of pavement should be adequate to support the equipment required to build the pavement.
2. Unsuitable subgrade materials should be removed and properly replaced.
3. Subgrade water problems, if any, should be properly considered.
4. Surface pitch of bituminous pavement should be minimum 1” in 10’, on longest distance from high point to low point.
5. Combined concrete curbs and gutters function as collection sewers, vehicle wheel stops, pavement edge support, and can be placed at minimum pitch for future water runoff if resurface is done.
6. Allowance for thickness for future asphalt resurfacing should be made in original elevations where pavements abut door openings or concrete slabs. For example, provide extra 2” pitch in first 10 to 20 feet, thereby providing for future water runoff if resurfacing is done.
7. Variations in earthwork cut and fill related to thickness of pavement should be considered as a cost factor in type of pavement selection.
8. Asphalt surfaces should be minimum 2” thick for light duty use and 3” thick for heavy trucking to offset tearing action of tandem rear end units.
9. Normal accepted work tolerances are:
 - Base Course- 0.5” in 10’ straight edge.
 - Surface Courses- 0.25” in 10’ straight edge.

EXHIBIT
12

Documents Reviewed: Completed Application. See list of exhibits in packet.

Current Zoning: B-4 Office/Industrial District
Current Use: Vacant Land

Request: The petitioner is seeking a 1) Text Amendment to add “Warehouse” use as a permitted Special Use; 2) Special Use request to allow the construction of a 150,000 sq. ft. warehouse industrial building in the B-4 Office/Industrial District, Section 5-7-6 C

A. Authorization: The regulations imposed and districts created by this title may be amended by ordinance from time to time in the manner provided by this title and the applicable Illinois statutes. (Ord. 0-77-27, 7-18-1977)

1

Response: The applicant is the contract purchaser of the property and has a right to initiate the application.

C. Standards For Map And Text Amendments: No map or text amendments shall be recommended by the plan/zoning board of appeals unless said board shall find: (Ord. 0-77-27, 7-18-1977; amd. Ord. 0-03-35, 9-15-2003)

1. That the net impact of the proposed amendment, if granted, will be beneficial to the entire community and will not be harmful to the local area in particular.

Response: The proposed development will improve a longstanding vacant undeveloped difficult parcel with the construction of a new 150,000 sq. ft. class industrial building. Benefits that will result from the development include:

1. Property will return to the tax rolls benefitting other local taxing districts.
2. Industrial/Warehouse use is compatible with the Chicago Executive Airport and provide opportunities for support uses.
3. Creation of new employment opportunities for local community members.
4. Development will remove the remains from the previous concrete reclamation use that will benefit the site.

2. That a need exists for the general type of use proposed and that the specific proposal will indeed satisfy it more closely than the other possible uses.

Response: The need exists in the City for this commercial/industrial use. The district is zoned and designed for industrial and is appropriate for the B4 District.

3. That the use proposed is compatible with the current comprehensive land use plan of the city of Prospect Heights, in effect on the date of the application.

Response: The City's 2014 Comprehensive Plan lists six policy Industrial Land Use Policy Statements. This proposed use is in compatible with policy statement number 1.

Statement #1. Maintain industrial land uses around the Chicago Executive Airport and encourage industrial infill in underutilized or vacant sites.

4. That the proposed use is compatible and harmonious with uses in the surrounding general area. (Ord. 0-77-27, 7-18-1977)

Response: The use is compatible and harmonious with uses in the surrounding general area. The Palatine corridor has existing industrial and warehouse uses.

5. That the area described in the petition does not lie wholly or partly in the floodplain as defined by the Illinois department of transportation, division of water resources, or, if it does lie wholly

or partly within the floodplain, that adequate provisions for storage, runoff control and floodwater retention, as appropriate, have been made or can be made. (Ord. 0-89-25, 6-5-1989)

Response: The property does not lie within a flood plain.

D. Notice Of Hearing: Public notice of such hearing shall be published at least once, not less than fifteen (15) days nor more than thirty (30) days before such hearing, in a newspaper published within the city of Prospect Heights. Such notice shall contain the date, time and place of the hearing, the street address or common description of the property involved, legal description of the property involved, and a brief description of the proposed amendment. The board may give such additional notice as it may, from time to time, by rule provide. Any party in interest may appear and be heard at the hearing in person, by agent, or by attorney. (Ord. 0-77-27, 7-18-1977)

Response: Public notice of hearing in conformance with this provision.

E. Notice To Property Owners: The petitioner for a map amendment shall notify all property owners within three hundred fifty feet (350'), excluding public land and rights of way, but in no event more than four hundred fifty feet (450'), in each direction of the petitioner's property lines, by certified mail or hand delivery to said property owners, of the date, hour and location of the public hearing and the map amendment requested. For notice to the owners of condominiums, cooperatives, or other types of common interest communities (except common interest communities made up exclusively of detached single-family homes) service upon the president or registered agent of the condominium association, cooperative, or common interest community as reflected in the records of the Illinois secretary of state, with delivery via first class U.S. mail to individual unit owners, shall be sufficient notice under this paragraph.

Such notice shall be in the same form as the published public notice and shall be mailed or delivered not less than fifteen (15) and not more than thirty (30) days prior to the date of the public hearing. The owners to be notified are such persons or entities which appear in the authentic tax records of Cook County. Proof of notification shall be submitted by the petitioner to the plan/zoning board of appeals no later than the day of the public hearing. (Ord. 0-16-12, 4-11-2016)

Response: Proof of notification verifying conformance provided.

Standards for Special Uses:

E. Standards: No special use shall be recommended by the plan/zoning board of appeals unless said board shall find:

1. That the establishment, maintenance or operation of the special use will not be unreasonably detrimental to or endanger the public health, safety, morals, comfort or general welfare.

Response: Standard met. The new 150,000 sq. ft. industrial building with warehouse use will not be detrimental to the district or endanger the public health, safety, morals, comfort or general welfare.

2. That the special use will not be injurious to the use and enjoyment of other property in the community for the purposes already permitted, nor diminish and impair property values within the community.

Response: Standard met. The use will not be injurious to the use and enjoyment of other property in the community. Current zoning would allow for more intense use than the proposed special use.

3. That the establishment of the special use will not impede the normal and orderly development and improvement of surrounding property for uses permitted in the district.

Response: Standard met. The establishment of the special use will promote development and improvement in the surrounding property and uses permitted in the district. The use may drive redevelopment within the district.

4. That adequate utilities, access roads, drainage and/or other necessary facilities have been or are being provided.

Response: Standard met. There are existing utilities present to support the development. The proposed use will improve drainage capacity for storm water management within the area by increasing and adding detention and storage capacity on site. The existing roads a proposed to remain unchanged.

5. That adequate measures have been or will be taken to provide ingress or egress so designed to minimize traffic congestion in the public streets.

Response: Standard met. The traffic engineering report indicates the development will not create traffic congestion on the public streets.

6. That the special use shall, in all other respects, conform to the applicable regulations of the district in which it is located, except as such regulations may in each instance be modified by the city council pursuant to the recommendations of the plan/zoning board of appeals. (Ord. 0-77-27, 7-18-1977; amd. Ord. 0-03-35, 9-15-2003)

Response: Standard met.

7. That the area described in the petition does not lie wholly or partly in floodplain, as defined by the flood control ordinances of the city; or, if it does lie wholly or partly within the floodplain, that adequate provisions for storage, runoff control and floodwater retention, as appropriate, have been made.

Response: Standard met. Property is not within a floodplain

General Project Zoning Review:

<u>Project: Conor Commercial Real Estate</u>				
Address: 33 Piper Lane	B-4 Req.	Proposed	B-4 Review	
Lot Area:	438,477 SF			
	10.07 AC			
Zoning:	B-4			
Use:	Industrial, Warehouse, TBD			
Size:	150,000 SF			
Height:	Unlimited	42'	Complies	
Coverage - Far	.50 = 219,238 SF	.34 = 150,000 SF	Complies	
<u>Parking</u>				
Class 7 - Office 1 per 3000	18	18	Complies	
Class 30 - Warehouse 1 per 2 empl.	144	145	Complies	
Req. TBD	162	163		
HC	6	6		
Total - Provided	162	163		
Surplus		1		
Landbank Pkg	Not Req.			
<u>Parking Lot Lighting</u>				
Pole Height	Max. 12'	Proposed 2 poles @ 27.5'	DNC	Revising Plan
Max F.C. power	Max. 3.0	4.2 f.c. @ 10 fixtures	DNC	Revising Plan
<u>Setback</u>				
Front	60'	50' to Pkg; 180' to Bldg	Complies	
Side - East	0'	80'	Complies	
Side West	30'	54'	Complies	
Rear	20'	159.3'	Complies	
Transitional Rear B-1	30'	159.3'	Complies	
Transitional Side B-1 W	15'	80'	Complies	

<u>Screening</u>	Landscape Plan			
Fencing Between B-4 and R-1	8' tall Min.	10' on 4' berm total 14'	Complies	
Off Street Parking - Piper		3' high buffer 5' wide strip	Complies	
Site Landscaping	1/3000 SF pavement	45 trees req.	Complies	
Street Trees	1 per 50 LF of frontage	6 trees req.	Complies	
Transitional Yard		4' berm + 10' Fence + 95 trees	Complies	
<u>Garbage Corral/Dumpster</u>	Required	Non Shown		TBD Should Address

Recommendation:

Staff recommends approval of the text amendment and special use permit with the following conditions.

1. Photometric lighting plan to comply with the City requirements.
2. Applicant address the garbage storage plan. If interior no changes necessary. If exterior plans shall be revised to show location of garbage corral.

Plan Commission Review



Date: January 8, 2019

Reviewer: Daniel A. Peterson, Director of Building & Development

Applicant: Benjamin Harris, Conor Commercial Real Estate

Subject Property: 25 – 35 E. Piper Lane, Prospect Heights, IL

Application: PZBA #19-04 PC: Preliminary Plat, Preliminary Engineering, Appearance Review

Project: New Industrial Warehouse Development

Documents Reviewed: Completed Application. See list of exhibits in packet.

Applicable Municipal Code Sections: Preliminary Plat: 6-3-2 A-I
Preliminary Engineering/Subdivision: Title 6
Appearance Review: 4-14-9

Current Zoning: B-4 Office/Industrial District
Current Use: Vacant Land

Request: The petitioner is seeking Preliminary Plat, Preliminary Engineering/Subdivision and Appearance Review approval for development and the construction of a 150,000 sq. ft. warehouse industrial building on approximately 10 acres in the B-4 Office/Industrial District.

Preliminary Plat/Subdivision/Engineering: See City Engineering Report from City Engineer.

Appearance Review Criteria:

B. Review Criteria: The provisions of the Zoning Ordinance in regard to bulk regulations and standards, and those portions of all codes which directly affect appearance, shall be part of the following review criteria:

1. Inappropriate, incompatible, bizarre, and exotic colors and designs shall be avoided.

Response: **Design complies. Colors and design are standard and appropriate.**

2. Inappropriate materials and methods, and those which will produce inconsistency with the building, shall be avoided.

Response: **Complies. The materials and methods of construction meet industry best practices.**

3. The height and scale of each building shall be compatible with its site and adjoining buildings.

Response: **Building heights of approximately 41' is compatible with the surrounding buildings.**

4. The architectural character of the building shall be in keeping with the topographical dictates of the site.

Response: **Complies.**

5. Attractive landscape transition to adjoining properties shall be provided.

Response: **Complies. The landscape plan provides for fencing and extensive landscaping along the western transition zone adjacent to Quincy Park. The plan proposes 95 deciduous and evergreen trees to be planted.**

6. Landscape elements included in this criteria shall consist of all forms of planting and vegetation, ground forms, rock groupings, water patterns, and all visible construction except buildings and utility structures.

Response: **Extensive planting areas are shown on the plan. There is a wide variety of plant and tree species being planted with the development. Expansion of the detention areas will provide opportunity for landscaping.**

7. Screening of service yards, and other places which tend to be unsightly, shall be accomplished by use of walls, fencing, planting, or a combination of these. Screening shall be equally effective in summer and winter.

Response: **A 10' tall solid cedar fence placed on top of a 4' berm with 95 trees planted will provide attractive screening of the loading docks from the adjacent property.**

8. Exterior lighting, when used, shall enhance the building design and the adjoining landscape. Lighting standards and fixtures shall be of a design and size compatible with the building and adjacent areas. Lighting shall be restrained in design, and excessive brightness and brilliant colors avoided.

Response: **Overall, the proposed lighting plan meets the intent of the ordinance. All exterior lighting is provided by 2 parking lot pole lights and 8 wall packs mounted to the building. There are two deficiencies noted with the lighting plan. First, the proposed light poles exceed the maximum height of light poles allowed by code. Maximum allowed is 12', shown is 27.5'. Secondly, the maximum grade level foot candle lighting exceed the maximum allowed by 1.2 f.c. Maximum allowed is 3.0 f.c., shown is 4.2 f.c. The applicant is revising the plan to meet City requirements.**

9. Wall signs shall be part of the architectural concept. Size, color, lettering, location, and arrangement shall be harmonious with the building design, and shall be compatible with signs on adjoining buildings. Signs shall have good proportions.

Response: **No wall signs proposed at this time. Wall signage will be reviewed and permitted by separate permit.**

10. Mechanical equipment or other utility hardware on roof, ground, or building shall be screened from public view with materials harmonious with the building, or they shall be located so as not to be visible from any public ways.

Response: A response from the applicant is required to affirm that all mechanical equipment shall be screened from public view.

11. Continued good appearance depends upon the extent and quality of maintenance. The choice of materials and their use, together with the types of finishes and other protective measures must be conducive to easy maintenance and upkeep.

The purpose of this criteria is to establish a checklist of those items which affect the physical aspect of the City's environment. Pertinent to appearance is the design of the site, building and structure, planting, lighting, signage and miscellaneous other objects which are observed by the public.

This criteria is not intended to restrict imagination, innovation or variety, but rather to assist in focusing on design principles which can result in creative solutions that will develop a satisfactory visual appearance within the City. (Ord. 0-97-67, 11-17-1997, eff. 11-27-1997)

Action of Appearance Review Committee:

The Committee may make recommendations to the applicant as to changes in the exterior drawings, sketches, landscaping, site plans and materials which in the judgment of the Committee would tend to affect the general purposes of the appearance plan. The Committee shall determine whether or not the proposed request: a) conforms to the appearance plan; b) that the proposed building or structure will be inappropriate to, or incompatible with the character of the immediate neighborhood; or c) cause substantial depreciation in property values.

Staff Recommendation:

Staff recommends approval of the Appearance Review conditioned on the applicant meeting the parking lot lighting standards.



City of Prospect Heights

Department of Engineering
8 North Elmhurst Road, Prospect Heights Illinois, 60070-6070
Office: 847/398-6070 x 210-FAX: 847/590-1854
www.prospect-heights.il.us



January 14, 2019

Mr. Dan Peterson
City of Prospect Heights
8 N. Elmhurst Road
Prospect Heights, Illinois 60070

Re: Piper Lane Industrial Redevelopment
Conor Commercial Real Estate
City Engineer Plan Review #1

Dear Mr. Peterson:

The City recently received the following documents.

- Preliminary Engineering Improvement Plans, 11 sheets, prepared by Pinnacle Engineering Group, with a most recent revision date of December 19, 2018. Storm water report prepared by Pinnacle.
- ALTA Land Title Survey, one sheet, prepared by Pinnacle Engineering Group, with a most recent revision date of October 26, 2018.
- Preliminary Plat of Subdivision, two sheets, prepared by Pinnacle Engineering Group, with a most recent revision date of December 21, 2018.
- Traffic Impact Study, report format, prepared by KLOA, December 11, 2018

I have the following comments relative to these documents:

Engineering Plans:

1. The petitioner must apply for and show proof of permit issuance from the Metropolitan Water Reclamation District (MWRD). Please forward MWRD permit applications to the City for review and signatures as required.
2. The petitioner must apply for and show proof of permit issuance from IEPA – NPDES for all erosion control measures.
3. The petitioner must apply for and show proof of permit issuance from Illinois American Water.
4. The petitioner must apply for and show proof of permit issuance from FAA.
5. All other permits required for the project shall be secured by the petitioner and copies of issued permits shall be forwarded to the City.
6. The Fire Department shall review and approve the site geometry and water main features of the property.
7. Some places on plans state Village. Please change to City.
8. C2 – Water main notes must be in accordance with Illinois American Water specifications.
9. C3 – 12" CMP invert near the southeast corner of the property. Where does this go? Do any modifications need to be made to this?
10. C4 – Remove and replace sidewalk across entire lot frontage.
11. C6 – Fire hydrant spacing seems excessively long. Spacing should be 300' or less. I defer to Fire Department on this spacing.
12. C6 – It appears the water main is a dead end main.

13. C6 – We believe that MWRD will require a sanitary sewer inspection manhole prior to connection to the existing manhole.
14. C6 – Is the connection to the sanitary sewer to the west allowed? Easements for this? Is this a private sanitary sewer? Do they need to connect to the sewer in Piper Lane?
15. C10 – Ensure that details are in accordance with IAW specifications.
16. How does owner plan to handle parking and storm water detention on subject property that is for other properties to the west?

ALTA Comments:

17. In the legal description in the eighth line down in Parcel 1 there is a dimension of "CHORD DISTANCE OF 77.78 FEET". On the plat itself along the east line the dimensions for the deed call is (77.21'). Please revise accordingly.

Stormwater Report

18. Provide backup calculations for the required and provided detention and volume control (RVR) volumes.
19. Per MWRD permit #87-824, the required detention is 3.37 acre-feet for a weighted runoff coefficient c of 0.71 within the total tributary area of 18.04 acres to the west pond. Show that this total tributary area with the proposed development still has a c that is less or equal to 0.71. If the runoff c is greater than 0.71, additional detention would be required. Also, a Schedule D-Legacy will be required for the west pond.
20. The proposed HWL of the west ponds appears to be around 1.5 – 2' higher than the HWL of the dry pond west of the project site. Since they are interconnected, the HWL elevations should be similar. Ensure there is no adverse impact on the offsite property and dry pond to the west.
21. If a runoff curve number adjustment and MWRD nomograph were used to calculate required detention for the east ponds 1 and 2, full credit of the RVR cannot be counted towards the provided detention volume. Additional detention would then need to be provided.
22. Volume control calculations for the west and east bioretention basins are located on Sheet C-10. Based on these calculations, 24" of stone void space below the underdrain is credited to the volume control volume. MWRD only allows a maximum of 12" of stone bedding below the underdrain to be counted towards volume control.
23. There are inconsistencies shown between "Table 2 – Stormwater Summary" in the stormwater narrative and the volume control calculations on plan Sheet C-10. The provided RVR volumes in the stormwater narrative are the required RVR volumes on Sheet C-10.
24. The MWRD requires that the underdrains within the volume control facilities may not be larger than 4-inches.
25. Provide a drainage exhibit, showing at a minimum the project area, the tributary areas to the detention and volume control facilities, and the amount of impervious area within each tributary area.
26. Update the actual release rate of the west pond and determine if any modification needs to be made for the existing 8" DIP restrictor.
27. What is the HWL of the underground detention? The utility plan also does not show the underground detention discharging to a restrictor.
28. Size the restrictor for the eastern parcel.
29. Evaluate and provide calculations for the emergency overflow routes off the project site.
30. Confirm the storm sewer outfall pipe at the northeastern corner of the east parcel is routed to the Des Plaines River, and update the routing map.

Stormwater Report

31. Run AutoTurn simulation for large semis in/out of the loading docks and in/out of the Piper lane access and a firetruck through the parking lot.

Please submit revised engineering drawings, plats, MWRD permit applications, etc. including a written disposition of the above comments. We will continue to review these documents in more detail, however the comments listed

above are the suggested major changes. Any approvals should be contingent on the City final review and approval of the engineering plans and supporting documentation.

Overall, the plans that I reviewed have been designed in accordance with generally accepted engineering standards. I do not have any serious concerns regarding this development based on my review of the documents. I feel that all of my comments can readily be addressed by the petitioner in future submittals.

If you have any other questions or need additional information, please feel free to contact me.

Sincerely,
City of Prospect Heights

A handwritten signature in blue ink that reads "Steven D. Berecz". The signature is written in a cursive, flowing style.

Steven D. Berecz, P.E.
City Engineer



City of Prospect Heights

Department of Building & Zoning
8 North Elmhurst Road, Prospect Heights Illinois, 60070-6070
Office: 847/398-6070 x 211-FAX: 847/590-1854
www.prospect-heights.il.us

11C

MEMORANDUM

Date: February 20, 2019

To: Mayor Helmer and City Council

Cc: Joe Wade, City Administrator

From: Daniel A. Peterson, Director of Building & Development

Subject: Staff Comments to Applicants Resubmission of February 20, 2019.
Ordinance #O-19-03 Special Use Permit for a Private Truck Parking Lot in the B-4
Office/Industrial District

ISSUE: Consideration of a Special Use Permit for a private truck parking lot located at 33 E. Palatine Road, Prospect Heights, IL the applicant was required to address certain items raised by City Council during first reading.

BACKGROUND:

The City Council held a first reading regarding an application for a Special Use Permit requesting approval of a private truck parking lot in the B-4 Office/Industrial District. The City Council directed the applicant, Rob Kirk, agent for Stery Trucking, to address a number of items and submit revisions prior to the next City Council meeting. Attached is a letter from Mr. Kirk, dated February 20, 2019 with a revised site plan. Staff has completed a review of the letter.

Items discussed by Council and addressed:

1. **Vehicle Stickers:** Stery provided a list of current registered vehicles that they own and store at the property. They have agreed to all current and future private truck parking leases will obtain of keep current active truck vehicle stickers.

Mr. Kirk indicated that this includes stickers from other communities. This provision may allow truck owners to be exempt from purchasing City stickers while being parked at this location if these vehicles are stickered in another community. City ordinance requires all vehicles parked or registered to the City obtain a City of Prospect Heights vehicle sticker regardless of stickers from other communities.

Stery trucking purchased sixty-three (63) 2019 City vehicle stickers this week and provided proper vehicle information.

2. **Landscaping:** The revised plan calls for additional 12' tall arborvitae along the Palatine frontage and 60' on the northeast corner.

Applicant should provide additional clarification.

Additionally, staff met with representatives from the Chicago Executive Airport regarding the planting of landscaping on the east side of the driveway. According to the CEA, this area is in the protected flight safety zone and permanent obstructions (trees) are restricted in this area.

3. **Truck Parking:** Revised plan calls for 68 parking spaces and provides for IDOT and national life-safety drive aisle widths of 58'.
4. **Drive Surfaces:** Stery is proposing to test the current lot to meet standards for the base. They are proposing to install 1 ½" of binder and 1 ½" of final surface on the existing base. This does not meet the City requirement for industrial parking lots per section 5-8-2 F2.

Staff discussed options for the construction of the parking lot with Mr. Kirk. The applicant would be responsible to hire a geotechnical engineering company to perform required testing to verify conditions under supervision of the City Engineer. The project will require a formal building permit. The final lift proposed should be adequate, but field conditions and testing may require additional material and asphalt.

5. **Container Parking:** The applicant is requesting language be added to Ordinance #O-19-03, Special Use Permit, to allow semi-truck trailer parking in truck parking spaces.

The applicant should provide additional information supporting this request.

Conclusion:

Mr. Kirk has addressed the issues raised at the first reading of the special use application. The applicant should provide additional support comments to clarify items 2 and 5.

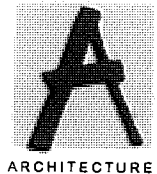
Staff recommends the following conditions be add to the special use ordinance along with the PZBA conditions should the council vote for approval.

1. The eastern lot line of leased lot (protected flight safety boundary) shall be clearly marked and be identifiable at all times.
2. The 68 parking spaces shall be clearly striped and numbered.
3. Stery shall provide upon request a list of lessees of parking spaces.
4. Enter into a private property patrol agreement with the City.

Attachments:

1. February 20, 2019 Letter from Rob Kirk, Group A Architecture
2. Revised site plan for Stery Truck Parking Facility, dated 02-15-2019
3. Lease Exhibit, PZBA Exhibit #7, provided by CEA, dated 05-13-2014

G R O U P



GROUP A ARCHITECTURE, INC.
1100 Landmeier Road, Suite 202, Elk Grove Village, IL 60007

P: 847.952.1100
F: 847.952.1158
W: www.groupaarch.com

February 20, 2019

Mayor Nicholas Helmer
City of Prospect Heights
8 N. Elmhurst Rd.
Prospect Heights, IL 60070

Re: **33 E. Palatine Rd., Truck Parking Ordinance 0-19-03, Special Use Permit in a B-4 Office / Industrial District**

Dear Mayor Helmer:

As per discussions and information requests, the following are revisions and clarifications to the site plan, landscaping, and the ordinance inclusions:

1. **Vehicle Stickers:** Stery Trucking is in compliance with current car and trucks at 33 E. Palatine Rd. in Prospect Heights, Illinois. Stery Trucking is in agreement that all current and future truck parking leases will obtain and keep current active truck vehicle stickers.
2. **Landscaping:** As per the enclosed revised site plan, on the north and south property lines, landscape buffer, 12'-0" high evergreen arborvitae will be planted at 4'-0" o.c. In addition, the landscape buffer plantings will be extended 60'-0" southward with additional arborvitae plantings from the northeast corner of the property line.
3. **Truck Parking:** A new truck parking layout has been provided with 68 parking spaces. The 58'-0" wide access drive aisles meet national life-safety and IDOT standard widths for truck and emergency parking standards.
4. **Drive Surfaces:** Stery Trucking will have a subsurface compression load test performed, supervised by the City engineer and Director of Building and Zoning to ensure the base is structurally adequate, prior to the installation of 1 ½" binder and 1 ½" asphalt final surface coat.
5. **Container Parking:** The current ordinance 0-19-03, Special Use Permit, shall contain language to allow semi-truck trailer parking in truck parking spaces.

Sincerely,



Robert Kirk, AIA
President
Group A Architecture, Inc.

RWK:dlg

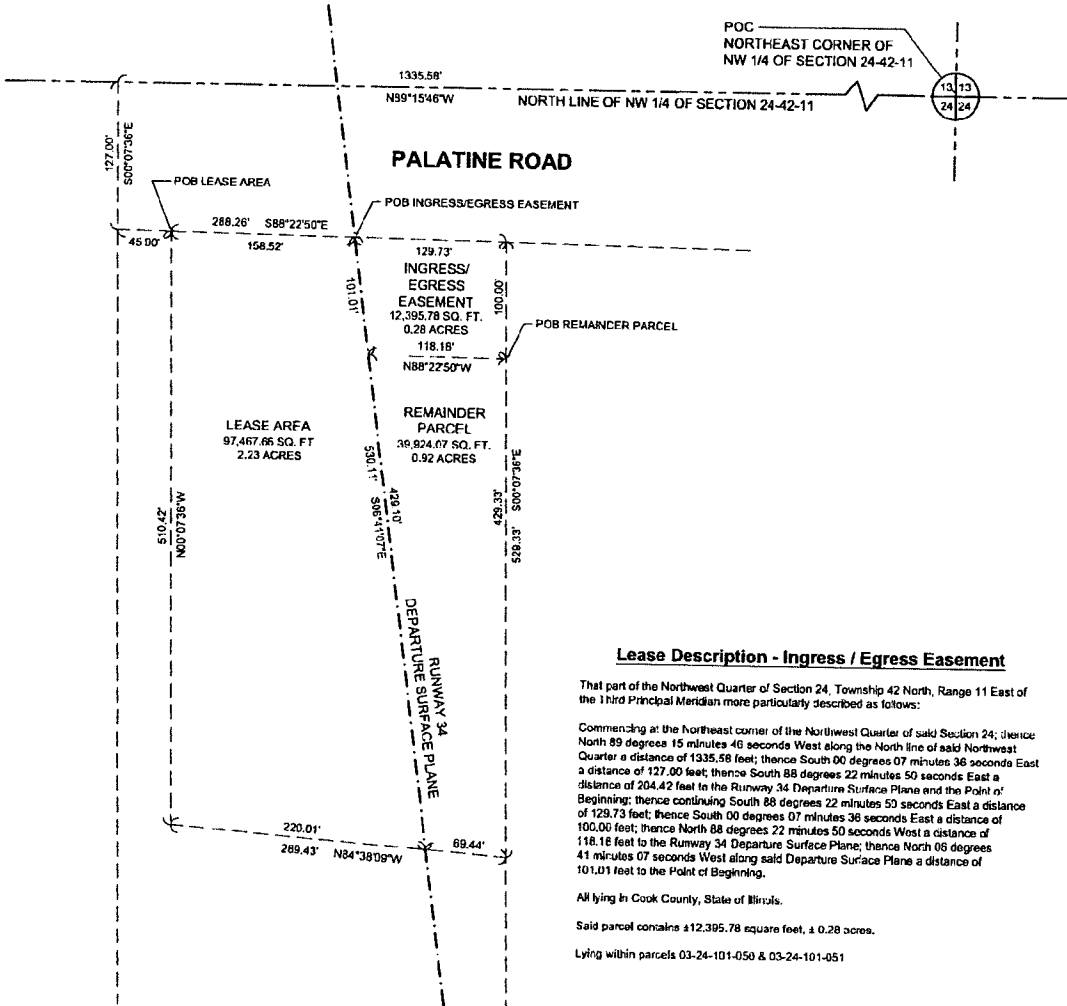
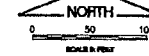
Enclosures

EXHIBIT

7

LEASE EXHIBIT

PART OF THE NORTHWEST QUARTER OF SECTION 24, TOWNSHIP 42N,
RANGE 11 EAST OF 3RD PRINCIPAL MERIDIAN, COOK COUNTY, ILLINOIS



Lease Description - Ingress / Egress Easement

That part of the Northwest Quarter of Section 24, Township 42 North, Range 11 East of the Third Principal Meridian more particularly described as follows:

Commencing at the Northeast corner of the Northwest Quarter of said Section 24; thence North 89 degrees 15 minutes 46 seconds West along the North line of said Northwest Quarter a distance of 1335.58 feet; thence South 00 degrees 07 minutes 36 seconds East a distance of 127.00 feet; thence South 88 degrees 22 minutes 50 seconds East a distance of 45.00 feet to the Point of Beginning; thence continuing South 88 degrees 22 minutes 50 seconds East a distance of 158.52 feet to the Point of Beginning; thence continuing South 88 degrees 22 minutes 50 seconds East a distance of 101.01 feet to the Point of Beginning; thence continuing South 88 degrees 22 minutes 50 seconds East a distance of 100.00 feet to the Point of Beginning; thence continuing South 88 degrees 22 minutes 50 seconds East a distance of 429.10 feet to the Runway 34 Departure Surface Plane; thence North 06 degrees 41 minutes 07 seconds West along said Departure Surface Plane a distance of 118.18 feet to the Point of Beginning.

All lying in Cook County, State of Illinois.

Said parcel contains 12,395.78 square feet, ± 0.28 acres.

Lying within parcels 03-24-101-050 & 03-24-101-051

Lease Description

That part of the Northwest Quarter of Section 24, Township 42 North, Range 11 East of the Third Principal Meridian more particularly described as follows:

Commencing at the Northeast corner of the Northwest Quarter of said Section 24; thence North 89 degrees 15 minutes 46 seconds West along the North line of said Northwest Quarter a distance of 1335.58 feet; thence South 00 degrees 07 minutes 36 seconds East a distance of 127.00 feet; thence South 88 degrees 22 minutes 50 seconds East a distance of 45.00 feet to the Point of Beginning; thence continuing South 88 degrees 22 minutes 50 seconds East a distance of 158.52 feet to the Runway 34 Departure Surface Plane; thence South 08 degrees 41 minutes 07 seconds East along said Departure Surface Plane a distance of 530.11 feet; thence North 06 degrees 38 minutes 00 seconds West a distance of 220.01 feet; thence North 00 degrees 07 minutes 36 seconds West a distance of 510.42 feet to the Point of Beginning.

All lying in Cook County, State of Illinois.

Said parcel contains ± 97,467.66 square feet, ± 2.23 acres.

Lying within parcels 03-24-101-050 & 03-24-101-051

Lease Description - Remainder Parcel

That part of the Northwest Quarter of Section 24, Township 42 North, Range 11 East of the Third Principal Meridian more particularly described as follows:

Commencing at the Northeast corner of the Northwest Quarter of said Section 24; thence North 89 degrees 15 minutes 46 seconds West along the North line of said Northwest Quarter a distance of 1335.58 feet; thence South 00 degrees 07 minutes 36 seconds East a distance of 127.00 feet; thence South 88 degrees 22 minutes 50 seconds East a distance of 45.00 feet to the Point of Beginning; thence continuing South 88 degrees 22 minutes 50 seconds East a distance of 158.52 feet to the Runway 34 Departure Surface Plane; thence South 08 degrees 41 minutes 07 seconds East along said Departure Surface Plane a distance of 530.11 feet; thence North 06 degrees 38 minutes 00 seconds West a distance of 220.01 feet to the Runway 34 Departure Surface Plane; thence North 06 degrees 41 minutes 07 seconds West along said Departure Surface Plane a distance of 429.10 feet; thence South 88 degrees 22 minutes 50 seconds East a distance of 118.18 feet to the Point of Beginning.

All lying in Cook County, State of Illinois.

Said parcel contains 39,924.07 square feet, ± 0.92 acres.

Lying within parcels 03-24-101-050 & 03-24-101-051

FILE: Lease-mapproach.dwg
LAYOUT: Layout1
UPDATE BY: Jim Ors
SURVEY BOOK #
DATE: Friday, June 13, 2014 1:37:19 PM
XREF Dwg:

REVISIONS

NUMBER	BY	DATE

0 1 2
THIS BAR IS EQUAL TO 1" AT FULL SCALE (34X22)

CHICAGO EXECUTIVE AIRPORT
WHEELING/PROSPECT HEIGHTS, ILLINOIS

LEASE EXHIBIT

PART OF THE NORTHWEST QUARTER OF SECTION 24,
TOWNSHIP 42N, RANGE 11 EAST OF 3RD PRINCIPAL MERIDIAN,
COOK COUNTY, ILLINOIS

Copyright © 2014

GMT
DRAFTER: MARY & TLY, INC.
CHECKER: JRO
LAYOUT: JRO



CHICAGO EXECUTIVE AIRPORT

DESIGN BY:	CEW
DRAWN BY:	JRO
CHECKED BY:	CEW
APPROVED BY:	BN
DATE:	06/13/14
JOB NO:	14250-01
SHEET	OF 1 SHEET



City of Prospect Heights

Department of Building & Zoning
8 North Elmhurst Road, Prospect Heights Illinois, 60070-6070
Office: 847/398-6070 x 211-FAX: 847/590-1854
www.prospect-heights.il.us

MEMORANDUM

Date: January 30, 2019

To: Mayor Helmer and City Council

Cc: Joe Wade, City Administrator

From: Daniel A. Peterson, Director of Building & Development

Subject: Ordinance #O-19-03 Special Use Permit for a Private Truck Parking Lot in the B-4 Office/Industrial District
33 E. Palatine Road, Prospect Heights, IL 60070

ISSUE: Consideration of a Special Use Permit for a private truck parking lot located at 33 E. Palatine Road, Prospect Heights, IL

BACKGROUND:

The City has received an application for a Special Use Permit requesting approval of a private truck parking lot in the B-4 Office/Industrial District. The applicant, Rob Kirk, agent for Stery Trucking, lessee of the property owned by the Chicago Executive Airport, is seeking Special Use approval to use the leased lot to park 50 semi-tractor trailers. Stery Trucking leased this lot from Chicago Executive Airport after purchasing the adjacent property, 29 Palatine Road, from the City of Prospect Heights for their various trucking related businesses. The applicant is presently using the leased area for paid truck storage as an ancillary use.

In 2018, in response to a Freedom of Information Request, the City discovered that the semi-truck parking lot at the subject property did not receive the required Special Use approval. The applicant received proper notices, resulting in this application for a Special Use Permit.

The PZBA held a public hearing on January 24, 2019 to consider the granting of a special use permit. After hearing testimony and deliberation, the PZBA voted unanimously to recommend to the City Council approval of a Special Use Permit for a private truck parking lot in the B-4 Office/Industrial District with conditions. The conditions include:

1. The final surface shall be designed and approved by the City Engineer.
2. Storage of truck parts, inoperable trucks is prohibited.
3. Landscaping and fence shall be installed and maintained per the site plan.

The applicant has requested a waiver of first reading. Staff concurs with the recommendation.

RECOMMENDATION: This is a first reading and no action is required.

ORDINANCE NO. O-19-03

AN ORDINANCE APPROVING A SPECIAL USE PERMIT TO ALLOW A PRIVATE TRUCK PARKING LOT IN THE B-4 OFFICE/INDUSTRIAL DISTRICT

WHEREAS, the Zoning Ordinance requires a Special Use Permit to operate a private parking lot in the B-4 Office/Industrial District; and

WHEREAS, Rob Kirk, Agent for Stery Trucking, (Petitioner), has filed an application to operate a private truck parking lot at 33 E. Palatine Road, Prospect Heights, Illinois (the "Property"); and

WHEREAS, the Plan Zoning Board of Appeals (PZBA) held a public hearing on January 24, 2019 regarding said application; and

WHEREAS, the PZBA has found the application meets the standards for a special use and has recommended that the City Council grant such relief; and

WHEREAS, the Mayor and City Council has reviewed the documents pertinent to the application and the recommendations of the PZBA, concurs with the findings of the PZBA and finds that the standards for the special use have been met;

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF PROSPECT HEIGHTS, COOK COUNTY, ILLINOIS as follows:

SECTION ONE. The City Council hereby finds and determines that the facts and conditions set forth in the preamble hereto are true, correct and appropriate and hereby adopts same as part of this Ordinance.

SECTION TWO. That a Special Use Permit is hereby granted for a private truck parking lot facility on the Property and shall run with the use and not with the land.

SECTION THREE. The above approval is granted with the following conditions:

1. The final surface shall be designed and approved by the City Engineer.
2. Storage of truck parts, inoperable trucks is prohibited.
3. Landscaping and fence shall be installed and maintained per the site plan.

SECTION FOUR. That this Ordinance shall be in full force and effect from and after its passage and approval as provided by law.

PASSED and APPROVED this _____ day of _____, 2019.

Nicholas J. Helmer, Mayor

ATTEST:

City Clerk

AYES:

NAYS:

ABSENT:

Published in pamphlet form: _____, 2019

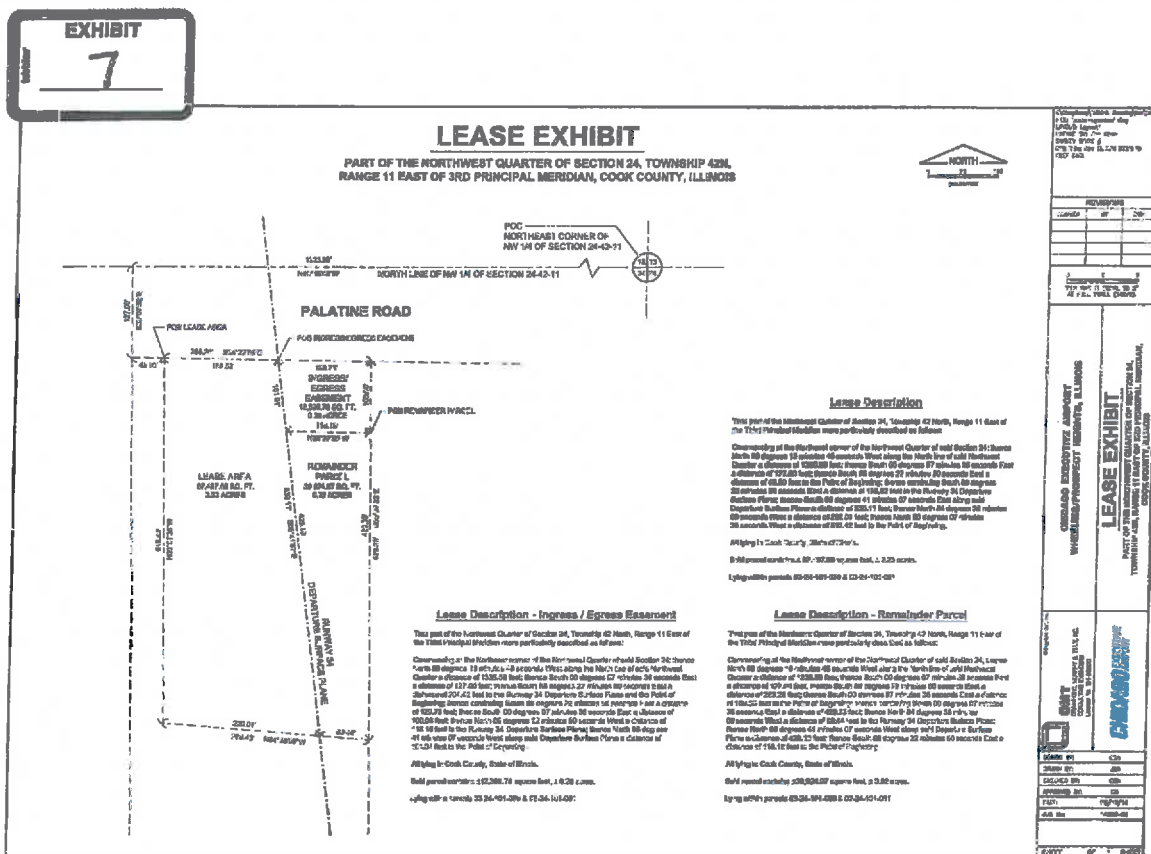
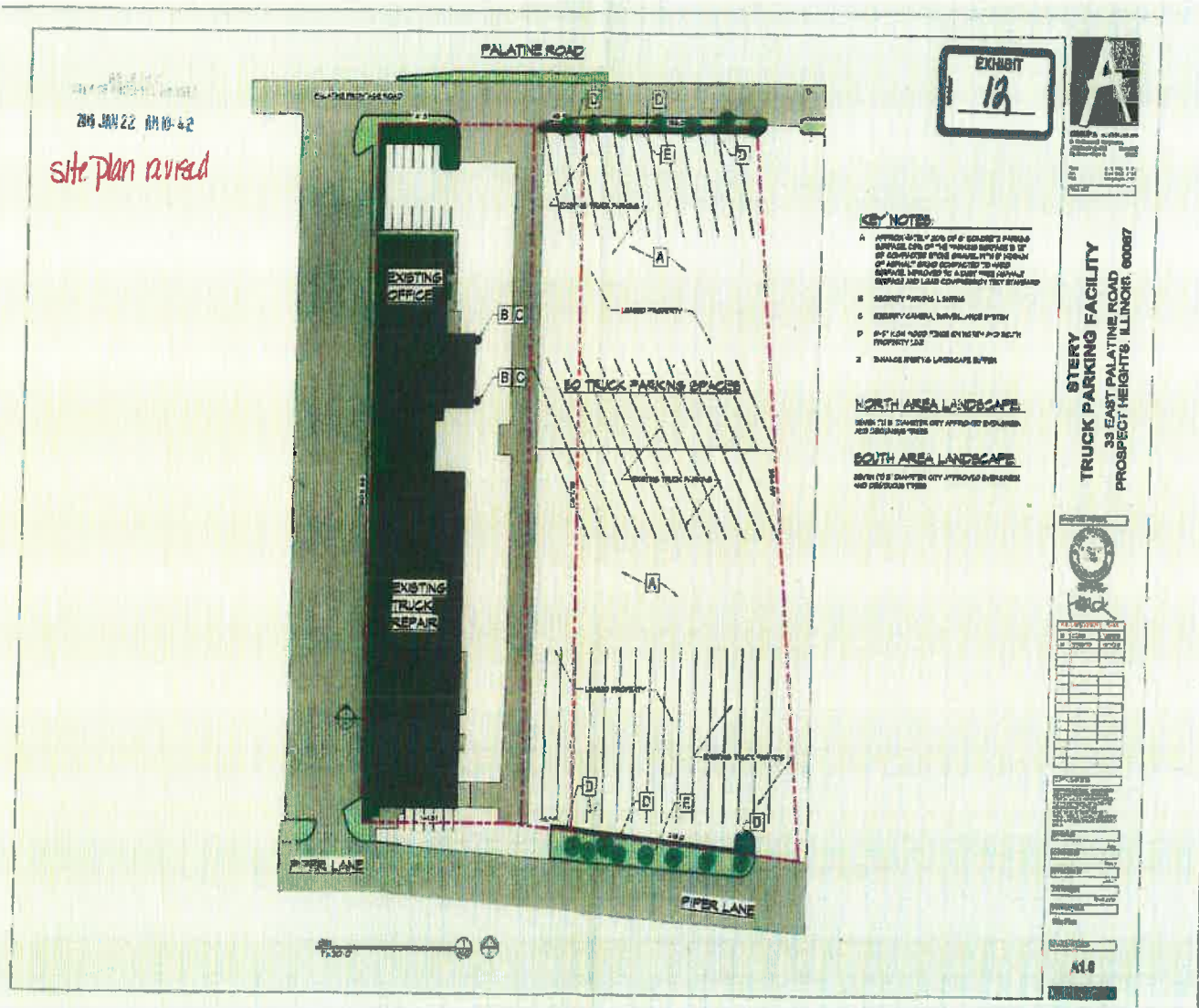


Exhibit B

Site Plan Date 1-18-2019





City of Prospect Heights

Department of Building & Zoning
8 North Elmhurst Road, Prospect Heights Illinois, 60070-6070
Office: 847/398-6070 x 211-FAX: 847/590-1854
www.prospect-heights.il.us

MEMORANDUM

Date: February 20, 2019

To: Mayor Helmer and City Council

Cc: Joe Wade, City Administrator

From: Daniel A. Peterson, Director of Building & Development

Subject: Ordinance #O-19-06 Amending the Building Code

ISSUE: This is a perfunctory council action required to correct adopting language of previously adopted building codes and amendments. In 2017, the City Council adopted Ordinance #O-17-02 Adopting a certain ICC Codes, State Codes and amendments to the City's municipal code. During the codification process it was determined that the adopting language needed to be revised to correctly adopt the recommended codes, amendments and changes. After working for many months with both Sterling Codifiers and the City Attorney, Ordinance #O-19-06 is presented for adoption that meets legal standards so Sterling Codifiers can update the City's building code.

No new additions, deletions or amendments were made to the code. All of the cited appendices were previously presented to City Council in their entirety with the adoption of #O-17-02.

Upon adoption of ordinance #O-19-06 Sterling Codifiers will update our website with the current adopted codes and amendments.

RECOMMENDATION: Staff is requesting a waiver of first reading and recommend adoption of ordinance #O-19-06: An Ordinance Amending the Building Code, Adopting Certain International Code Council Model Codes, the NFPA National Electrical Code, the State Plumbing Code and Making Certain Local Amendments to the Adopted Model Codes

ORDINANCE NO. 0-19-06

An Ordinance Amending the Building Code, Adopting Certain International Code Council Model Codes, the NFPA National Electrical Code, the State Plumbing Code and Making Certain Local Amendments to the Adopted Model Codes

WHEREAS, the City of Prospect Heights is authorized to adopt certain building regulations by reference pursuant to Section 1-3-2 of the Illinois Municipal Code, 65 ILCS 5/1-3-2;

WHEREAS, the City Council finds that the International Code Council (hereinafter "ICC") is a nationally recognized technical trade or service association in accord with Section 1-3-1(b) of the Illinois Municipal Code, 65 ILCS 5/1-3-1(b);

WHEREAS, the City Council finds that the National Fire Protection Association, Inc. (NFPA), is a nationally recognized technical trade or service association in accord with Section 1-3-1(b) of the Illinois Municipal Code, 65 ILCS 65/1-3-1(b);

WHEREAS, the City of Prospect Heights has previously adopted the 2012 ICC series of building codes, with amendments, via ordinance O-17-02;

WHEREAS, certain amendments to Title Four, Building Regulations, of the Prospect Heights City Code are required; and

WHEREAS, the City Council of the City of Prospect Heights has reviewed the 2012 series of ICC building codes and determined in order to promote the public health, safety, and welfare, it is beneficial to further amend Title Four, Building Regulations, of the Prospect Heights City Code;

NOW THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF PROSPECT HEIGHTS, COOK COUNTY, ILLINOIS as follows:

Section 1. The City Council hereby finds and determines that the facts set forth in the preamble hereto are true and correct and hereby adopts same as part of this Ordinance.

Section 2. That Title 4, Chapter 1, Building Code, of the Prospect Heights City Code, as amended, are further amended in its entirety so that the same shall be read as set forth in **Appendix A** to this ordinance.

Section 3. That Title 4, Chapter 2, Residential Code, of the Prospect Heights City Code, as amended, is further amended in its entirety so that the same shall be read as set forth in **Appendix B** to this ordinance.

Section 4. That Title 4, Chapter 3, Mechanical Code, of the Prospect Heights City Code, as amended, is further amended in its entirety so that the same shall be read as set forth in **Appendix C** to this ordinance.

Section 5. That Title 4, Chapter 4, Plumbing Code, of the Prospect Heights City Code, as amended, is further amended in its entirety so that the same shall be read as set forth in **Appendix D** to this ordinance.

Section 6. That Title 4, Chapter 4A, Electrical Code, of the Prospect Heights City Code, as amended, is further amended in its entirety so that the same shall be read as set forth in **Appendix E** to this ordinance.

Section 7. That Title 4, Chapter 4B, Property Maintenance Code, of the Prospect Heights City Code, as amended, is further amended in its entirety so that the same shall be read as set forth in **Appendix F** to this ordinance.

Section 8. That Title 4, Chapter 4C, Fuel Gas Code, of the Prospect Heights City Code, as amended, is further amended in its entirety so that the same shall be read as set forth in **Appendix G** to this ordinance.

Section 9. That Title 4, Chapter 4D, Energy Conservation Code, of the Prospect Heights City Code, as amended, is further amended in its entirety so that the same shall be read as set forth in **Appendix H** to this ordinance.

Section 10. That Title 4, Chapter 10, Interpretations; Appeals, of the Prospect Heights City Code, as amended, is created so that the same shall be read as follows:

4-10-1:Authority Of The Code Official: The code official may render interpretations of the provisions of this title and of any rule, regulation, or condition issued or imposed pursuant to it.

4-10-2:Purpose Of Interpretations: The interpretation authority established by this section is intended to recognize that the provisions of this title cannot possibly address every specific situation to which they may have to be applied. Many such situations, however, can be readily addressed by an interpretation of the specific provisions of this title in light of the general and specific purposes for which those provisions have been enacted. Because the interpretation authority herein established is an administrative rather than a legislative authority, it is not intended to add to or to change the essential content of this title, but rather is intended only to allow authoritative application of that content to specific cases.

A. Procedure: Any person who seeks an interpretation must file a written application therefor with the building department stating specifically the title provisions at issue and the facts and circumstances related to such person's

request for an interpretation. The code official will make a decision in writing on such interpretation and provide that written decision to the applicant within thirty (30) days after the application is filed. Any failure of the code official to act within thirty (30) days, or within such further time to which the applicant may agree, will be deemed to be a decision denying the application rendered on the day immediately after that thirty (30) day period.

B. Appeal: A decision by the code official on an interpretation under this section, or on the application of a provision of this title, may be appealed to the City of Prospect Heights building regulations board of appeals by the filing of a written application for an appeal within ten (10) days after notice was served in the office of the City Administrator as specified below.

4-10-3: Building Regulations Board Of Appeals:

A. Board Created: There is hereby created the City of Prospect Heights building regulations board of appeals.

B. Membership: The building regulations board of appeals is composed of three (3) members appointed by the City of Prospect Heights City Administrator. In addition, the code official serves as an advisory member of the building regulations board of appeals. The members appointed by the City Administrator must have at least ten (10) years of experience working in one of the following fields:

1. A builder or a superintendent of building construction.
2. A registered architect, structural engineer, mechanical engineer, or electrical engineer.
3. A registered design professional in the field of plumbing engineering.
4. A mechanical, plumbing or electrical contractor.
5. A fire protection contractor or a registered design professional in the field of fire protection engineering.

C. Appointed Terms: The three (3) members of the building regulations board of appeals appointed by the village manager will have a term of two (2) years or until their replacements have been appointed. The village manager may replace a member of the Build Regulations Board of Appeals at any time.

D. Notices of Meetings: Within ten (10) days after an appeal has been filed pursuant to this section, the code official must set a date and time for a meeting.

The meeting must take place within thirty (30) days after the appeal has been filed.

E. Meeting Postponement: The appellant has the right to request one postponement of the meeting. If a request is made, then the code official must set the meeting for a date no more than thirty (30) days after the first established date.

F. Meeting Procedures: The building regulations board of appeals may adopt procedures governing the procedure for its meetings. Those procedures must be consistent with the following standards:

1. The procedures need not require compliance with strict rules of evidence, but must mandate that only relevant information be received.
3. Meetings must be open to the public. There is no requirement that members of the public be allowed to speak at a meeting.
3. The appellant, the appellant's representative, the City, and any person whose interests are directly affected must be given an opportunity to be heard and may submit documents in support of their position.
4. At a meeting, the building regulations board of appeals may receive testimony and review documents and other relevant materials.
5. The code official may participate fully in all proceedings, but has no vote on any decision.

G. Decisions: The building regulations board of appeals must issue a written decision within fifteen (15) days after the conclusion of the meeting on appeal. That decision must be transmitted promptly to the appellant. A failure of the board to issue a written decision within fifteen (15) days will be deemed a denial of the appeal. All decisions by the board of appeals are final.

Section 11. That Title 4, Chapter 11, Residential Code, of the Prospect Heights City Code, as amended, is further amended in its entirety so that the same shall be read as set forth in **Appendix I** to this ordinance.

Section 12. That Title 4, Chapter 12, Existing Structures Code, of the Prospect Heights City Code, as amended, is further amended in its entirety so that the same shall be read as set forth in **Appendix J** to this ordinance.

Section 13. Existing Projects. This amendatory ordinance shall not apply to any project involving construction, repair or alteration of a structure in the City of Prospect Heights, for which a permit application has been submitted prior to January 1, 2019 in accord with Chapter 5 of Title 4 of the Prospect Heights City Code.

Section 14. This Ordinance shall be in full force and effect from and after its passage and approval and publication in pamphlet form as required by law.

PASSED and APPROVED this _____ day of February 2019.

Mayor

ATTEST:

City Clerk

Ayes:

Nays:

Absent:

Published in pamphlet form:

Effective Date:

Chapter 1

BUILDING CODE

4-1-1: ADOPTION OF CODE:

4-1-2: ADDITIONS AND AMENDMENTS TO CODE:

4-1-3: SURETY AND PERFORMANCE BONDS REQUIRED:

4-1-4: MINIMUM HEATING STANDARDS FOR RESIDENTIAL BUILDINGS:

4-1-5: FOUNDATION HEIGHT AND GRADING:

4-1-6: PENALTIES:

4-1-1: ADOPTION OF CODE:

A. Adoption: A certain document, entitled the International Building Code, 2012 edition, and all appendices thereto, published by the International Code Council, is hereby adopted as the building code of the city of Prospect Heights. Three (3) copies of the document shall be kept on file with the city clerk.

B. Application: The International Building Code, 2012 edition, applies to all buildings except single-family residences, two-family dwellings (i.e., duplexes) and townhomes. Those structures are covered in the International Residential Code, 2012 edition.

C. ANSI A117.1:

1. Adoption: The International Code Council/ANSI A117.1-2009 American national standard accessible and usable buildings and facilities is hereby adopted by the city of Prospect Heights.

2. Conflicts: Whenever two or more codes are in conflict, the more stringent requirement shall govern. With respect to accessibility, the Illinois accessibility code shall take precedence and shall supersede the ICC/ANSI A117.1-2003 American national standard. (Ord. 0-06-50, 12-18-2006, eff. 1-6-2007)

D. 2010 ADA Standards for Accessible Design is hereby adopted by the City of Prospect Heights.

1. Conflicts: Whenever two or more codes are in conflict, the more stringent requirement shall govern. With respect to accessibility, the Illinois accessibility code shall take precedence and shall supersede the ICC/ANSI A117.1-2003 American national standard. (Ord. 0-06-50, 12-18-2006, eff. 1-6-2007)

4-1-2: ADDITIONS AND AMENDMENTS TO CODE:

International Building Code, 2012 edition, published by the International Code Council is amended as follows:

A. General Amendments:

1. The City Of Prospect Heights Amendments: The city of Prospect Heights amendments, zoning ordinance, and municipal ordinances shall supersede all sections of all of the adopted model codes.

2. Conflicts: Whenever two (2) codes are in conflict, the more stringent requirement shall govern.

3. Permit Drawings:

- a. Architect Seal: All drawings submitted for permit shall bear the seal of the architect's license as well as his signature and the expiration date of his license. Other drawings shall bear the seal and same information of the design professional who prepared them, such as the structural engineer, civil engineer, mechanical engineer, professional engineer, etc. Every sheet shall bear the seal, signature and expiration date (3 sets of plans required).

Exception: An architect's seal (i.e., design professional seal) is not required for sheds and other minor accessory structures.

- b. Plan Review: When necessary, in the judgment of the building official, for complex projects the plans shall be reviewed by qualified third party plan review service, at the owner's expense.

4. Penalties: Time Frame for Permits: If a building is not completed within the allotted time and the permit expires, the applicant shall be required to pay an additional permit fee, equal to one-half ($\frac{1}{2}$) (50 percent) of the original permit fee and provide the building department with a schedule of completion, such that the project is fully completed one hundred eighty (180) days. If not completed within the one hundred eighty (180) day period, an additional fine of one hundred dollars (\$100.00) per day shall be imposed for each and every day the project is incomplete. Further, legal action may be taken to ensure that all fines are paid and the project gets completed.

b. Work without Permit: Penalty For Building Projects Without An Approved Building Permit: In addition to every other penalty provided by law, any person, firm, corporation, or entity that undertakes any work for which a permit is required by this title without first having secured a permit authorizing such work will be fined a sum of money equal to the full amount of the building or other permit for such work. This subsection requires the violator to: pay the permit cost, the penalty, and stop work until the building department approves a building permit for the project. Such approval will occur within a reasonable time, within the confines of seasonal demand for services, holiday schedules, and building code regulations. The project may commence when the permit applicant has received approval and paid necessary fines and fees.

c. Penalty For Noncompliant (Failed) Reinspections: The penalty for failure to pass a reinspection shall be fifty dollars (\$50.00). This reinspection fee shall be paid prior to scheduling another reinspection. Any subsequent reinspection for same shall be an additional one-hundred dollars (\$100.00) per reinspection until approved.

5. All Buildings:

- a. Noncombustible: All elements of all buildings shall be of noncombustible construction. All buildings shall be type 1A, 1B, 2A or 2B. Construction type 1 and construction type 2 are those types of construction in which the building elements listed in table 601 are of noncombustible material or as approved by the building official.

- b. Tenant Finish-Outs And Remodeling: All tenant finish-outs and remodeling shall be entirely noncombustible construction.

6. Fire Alarm System Required: All buildings shall have a fire alarm system, which complies with the NFPA fire alarm code and meets the following, but not limited to, minimum requirements:

- a. Alarm Requirements:

(1) All occupancies require a fire alarm system with horns, strobes and pull stations.

Exception: One- and two-family dwellings.

(12) All fire alarm systems are to be direct connect to RED Center via a two-way AES/Keltron radio.

6. Generator Required: The Fire Marshal and Building Official will review each application for fire pumps and make a determination if a generator is required to support a fire pump based upon the conditions and power source for emergency and standby power.

7 Exterior Walls: All buildings shall be constructed of approved masonry materials or approved precast concrete panels. "Approved masonry materials" shall mean: face brick, natural stone, precast concrete, split face block or equivalent masonry construction. Regular concrete block (CMU) which is painted or stained is not an approved masonry material.

a. Exterior Walls At Side And Rear Elevation: The exterior walls at the side(s) and rear elevation of all buildings shall be constructed of approved masonry materials and shall complement the architectural design of the front facade of the building. The side and rear elevations shall also be aesthetically pleasing, so as to not negatively impact the adjacent neighborhood.

In commercial and industrial districts where a residential neighborhood is not affected, the side and rear elevation of a building may utilize, split face block, or any combination of approved masonry materials.

b. Exterior Insulation Finish Systems (EIFS): When approved in advance by the building official, EIFS may be used for the spandrels of one-story strip shopping centers, or for minor accent areas in other buildings.

(1) All exterior insulation finish systems (EIFS) shall be a completely drainable type system utilizing one or more of the following, as specified by the manufacturer's installation instructions:

A continuous mesh

A "wrinkle wrap" type of building wrap

Vertical groove drains in the insulation board

Other method as prescribed by the manufacturer's installation instructions

(2) The insulation shall be mechanically fastened.

(3) The contractor performing the work must be a certified installer of the EIFS product that he is installing.

(4) The certified EIFS contractor shall provide a warranty for the labor and materials, identifying that the installation was performed in accordance with manufacturer's installation instructions as well as the provisions of this code. Any and all violations of this code or discrepancies with the manufacturer's installation instructions shall be corrected at the expense of the EIFS contractor, and general contractor who has control over the project.

(5) The city of Prospect Heights building department does not recommend EIFS and assumes no responsibility for its use and/or application to any building.

- (6) A certified independent EIFS inspector may be employed at the direction of the building official at the owner's expense.
8. Gypsum Wallboard: The minimum thickness of all gypsum wallboard to be used in all locations, of all buildings, is five-eighths inch ($\frac{5}{8}$ ") GWB (type X).
9. Partitions And Framing: The minimum requirement for all partitions, in all buildings is one layer of five-eighths inch ($\frac{5}{8}$ ") GWB (type X) each side of three and five-eighths inch ($3\frac{5}{8}$ ") metal studs at sixteen inches (16") OC. All framing shall be sixteen inches (16") OC. All metal studs shall be securely fastened, with a screw located on each flange, both sides, at the top track and at the bottom track.
10. Stairs: All stairs in all buildings shall be constructed of solid cast in place concrete or concrete filled metal pan stair treads with metal risers. A "pattern metal plate" or any type of metal plate used for stair treads is not permitted.
- a. The minimum width of all stairs in all buildings shall be forty eight inches (48") wide.
- b. For industrial and manufacturing uses, a nonslip metal grate may be used for treads on stairs and ships ladders that lead to mezzanines utilized for utilitarian purposes or to access metal grate catwalks.
- 11 Standing Seam Metal Roofs And Mansards: Five-eighths inch ($\frac{5}{8}$ ") or three-fourths inch ($\frac{3}{4}$ ") plywood shall be permitted sheathing or backup for standing seam metal roofs or mansards when used over metal deck on bar joists or used as a sheathing over steel C-joist framing, or other noncombustible framing.

B. Specific Amendments To The Sections Of The IBC, 2012:

101.1 Title

These regulations shall be known as the Building Code Of The City Of Prospect Heights, hereinafter referred to as "this code".

101.2 Scope

Exceptions:

1. Detached one and two family dwelling or townhouses not more than $2\frac{1}{2}$ stories above grade, and their accessory structures shall comply with the International Residential Code as amended and adopted by the city of Prospect Heights.

105.2 Work Exempt From Permit

All work shall require a permit including all detached accessory structures, fences, retaining walls, sidewalks, driveways, swimming pools, window awnings, signs, radio and television transmitting stations and all construction listed on the city of Prospect Heights fee schedule.

Work exempt from permit shall be any:

*Minor repair or replacement

*Painting, papering, carpeting, tiling, cabinet and other finish work

*Emergency repairs - (some emergency repairs may require a permit after the fact)

114.3 Unlawful Continuance

Any person who shall continue to work after having been served a stop work order, shall be liable to a fine of \$100.00 for the first day, \$200.00 for the second day and an additional \$500.00 for the third day and subsequent days @ \$500.00/day for each and every day, thereafter.

501.2 Premises Identification

Letters or numbers shall be a minimum of 6 (six) inches in height and a stroke of minimum 0.5 inch of a contrasting color to the background itself.

508.4 Nonseparated Uses

Fire separations are required between uses, such as tenant separation walls, and shall be rated in accordance with table 508.4 with no reduction in hourly rating. (No reduction, even when the building is fully sprinklered.)

Section 3000 – Elevators and Conveyance Systems:

Amend following sections to read:**3001.2 Reference Standards:** Reference Standards are to be as stringent and comply with current Illinois Elevator Safety Act (225 ILCS 312) and its Rules for private residential conveyance application, the Act does not apply; however, the IBC code shall for new installation, permits, final acceptance. For applications not covered by the Illinois Elevator Safety Act, those conveyance applications shall be covered by the IBC code by the AHJ for new installation, permits, final acceptance, periodic inspections and testing, unsafe conditions, power to seal equipment, put conveyance out of service, and certificate compliance as well as owner/ agent responsibility for contractor, maintenance, accident/injury responsibility.

Referenced Standards from (225 ILCS 312): Safety Code for Elevator and Escalators (ASSME A17.1), the Standard Qualification of Elevator Inspectors (ASME QEI-1), the Automated People Mover Standards (ASME 21), the Safety Requirements for Personnel Hoists and Employee Elevators (ASNI A10.4), and the Safety Standard for Platform Lifts and Stairway Chairlifts (ASME A18.1).

3002.4 Elevator to Accommodate Ambulance Stretcher: In all buildings at least one elevator shall be provided for fire department emergency access to all floors in building.

Such elevator car shall be of such size and arrangement to accommodate a minimum 24 inch by 84 inch ambulance stretcher in the horizontal open position and shall be identified by the International Symbol for emergency medical services (Star of Life). The symbol shall not be less than 3 x 3 inches high and wide (76 mm x 76 mm) and shall be placed inside on both sides of the main lobby hoistway door frame.

3003.2 Fire Fighters Emergency Operation: Elevators shall be provided with Phase 1 emergency recall operation and Phase 2 emergency car operation in accordance with ASME A17.1 and NFPA 72.

3005.1 – 3005.4 Miscellaneous hoisting and elevating equipment: All miscellaneous hoisting and elevating equipment shall be subjected to tests and inspections as required by the AHJ to ensure safe operation. As per changes a full load governor and full load safety test to be done after installation of hoist, a major alteration, and a jump of the hoist tower travel.

Conveyors: Conveyors and related quipment shall be inspected and tested in accordance with ASME B20.1 listed in Chapter 25 and Sec 3005.4A regarding personal hoists.

3006.1 Approved means of access: An approved means of access shall be provided to elevator machine roomr and overhead machinery equipment spaces. This means ins not to be used as a passage way through the machine room to other areas of the building or roof.

3009.1 Certificate of Occupancy: The operation of all equipment governed by the provisions of this chapter and hereafter installed, relocated, altered shall be unlawful by persons other than the installer until such equipment has been inspected and tested as herein required and a final certificate of compliance has been issued by the AHJ.

3009.2 Posting of Certificate of Compliance: The owner or lessee shall post the current-issued certificate of compliance in a conspicuous place inside the conveyance. A copy of the current issued certificate is acceptable. Please refer to the Illinois Elevator Safety Act.

3109.0 Swimming Pools

a) All swimming pools shall conform to the Illinois department of public health requirements as well as local requirements. The applicant shall submit drawings for approval to that agency as well as the city of Prospect Heights

3411 Condominium Ownership Add this section.

Buildings which are planned as having condominium ownership or existing buildings which are converting to condominium ownership shall have the following:

a) A legally established **condominium association**, with declarations, rules and regulations for the operation, maintenance and use of the property. These documents shall be submitted for review by the city's legal staff, and must conform to state of Illinois statutes for condominiums.

b) Demising Walls: The demising walls which compartmentalize each unit shall be constructed of 8" C.M.U., creating a 2 (two) hour fire rated barrier wall minimum. Corridor walls shall be constructed of 8" C.M.U., creating a 2 (two) hour fire rated barrier wall, as well. (Minimum) If the C.M.U. wall is not technically feasible, a 2 hour fire rated gypsum wall may be used.

c) Assigned Parking: Each unit shall have a designated parking space(s).

d) Easements: Easements and cross-easements shall be established as necessary to perform repair and replacement of various building systems, building elements and for utilities.

e) Water Meter: The association shall be responsible for paying the water bill. The main water meter to the building shall be read for billing purposes. The association may utilize private submeters to calculate the proportionate share of individual units water usage, and then the association may use that information for its own purposes. The city will not issue multiple water meters to one building and send out multiple bills.

f) Apartment Buildings: Existing apartment buildings which are constructed of wood frame floor/ceiling assemblies, or have wood stud wall framing, shall be required to install an approved fire sprinkler and fire alarm system before converting to condominium ownership.

Part IX Referenced Standards - Chapter 35

All of the referenced standards listed in chapter 35 of the IBC 2012 edition are hereby adopted by the city of Prospect Heights.

Part X Appendices

(Ord. 0-06-50, 12-18-2006, eff. 1-6-2007)

4-1-3: SURETY AND PERFORMANCE BONDS REQUIRED:

A. Surety Bond: Before any building permit is issued for the erection, enlargement, alteration, repair, removal or demolition of any building, structure or structural part thereof within the city, the applicant shall produce evidence that he has filed with and had approved by the building official, a surety bond in the amount of twenty five thousand dollars (\$25,000.00) protecting the city against any and all damages that may arise to the public ways of the city, and to the city and to any person in consequence or by reason of the proposed operation to be authorized by such permit, or by reason of any obstruction or occupation of any public ways in and about such building operations.

The surety bond required by this section may be acquired from the company, agent or broker of the contractor's choice. The bond and sureties shall be subject to approval of the city of Prospect Heights.

This section shall be read and interpreted in accord with the contractor unified license and permit bond act, 50 Illinois Compiled Statutes 830/1 et seq.

B. Cash Deposit To Guarantee Performance: To guarantee performance of the work permitted, the applicant shall deposit a cash bond in an amount equal to the total permit fees for the permitted

work. The person depositing the cash bond, by making such deposit agrees that all the undertakings, covenants, terms, conditions and agreements of the contract or contracts entered into between the principal and the property owner or its representative will be performed. The person depositing the cash bond further agrees that all persons, firms and corporations having contracts with the principal or with subcontractors and all just claims due them under the provisions of such contracts for labor performed or materials furnished in the performance of the work which is the subject of the permit shall be satisfied out of the cash deposit made pursuant to this subsection.

Any funds not disbursed by the building department in compliance with this subsection will be refunded to the applicant upon completion of the work for which the building permit was issued:

- C. Waiver: The city building official may waive the requirement of having a surety bond if he determines that the operation authorized by any building permit is not likely to cause any damage to the public ways or to the city or to any person by reason of such operation or by reason of any obstruction or occupation of any public ways in and about the proposed operation. (Ord. 0-05-14, 5-16-2005, eff. 6-2-2005)

4-1-4: MINIMUM HEATING STANDARDS FOR RESIDENTIAL BUILDINGS:

Every owner or manager of any residential building with two (2) or more dwelling units located within the city shall maintain, or otherwise make available for optional use by any tenant or occupant, sufficient heat for a minimum temperature of sixty five degrees Fahrenheit (65°F) in all habitable rooms, bathrooms and hallways located within each dwelling unit at all times between October 1 and April 30. Should the outside temperature fall below fifty degrees Fahrenheit (50°F) at any other time of the year at the official weather station at O'Hare airport, the provisions of the previous sentence will apply. (Ord. 0-95-66, 12-18-1995)

It shall be the duty of the building official to enforce the provisions of this section. Any owner or manager of any building or part thereof that is found to be in violation of the provisions of this section shall be subject to a penalty of not less than twenty five dollars (\$25.00) nor more than five hundred dollars (\$500.00) for each and every offense and a separate offense shall be deemed committed on each day a violation occurs or continues to exist. (Ord. 0-95-66, 12-18-1995; amd. Ord. 0-05-23, 7-5-2005, eff. 7-17-2005)

4-1-5: FOUNDATION HEIGHT AND GRADING:

- A. Scope: These regulations shall control all new construction, alteration, and addition of all buildings and any substantial filling, excavating or grading that affects surface drainage by altering the existing topography.
- B. Finish Grading Plan: All permit plans for work described in subsection A of this section must contain a finish grading plan and should include the heights of each corner of the top of foundation. The plan should also indicate the direction of storm water flow. Finish grading shall not cause ponding of storm water on adjacent property, nor on the property being developed. Finish grades shall meet the finished grades at the adjacent property lines.
- C. Requirements: The top of any foundation shall not be less than one foot (1'), nor exceed two and one-half feet ($2\frac{1}{2}'$) above the top of the curb. Elevations shall be measured from a point midway across the front of the lot. If no curb exists, the finished centerline grade of the street shall be

substituted for the curb as a point of measurement. Variations from these standards may be permitted by the city engineer if circumstances warrant, and subject to the following conditions:

1. Owner demonstrates that the proposed foundation height will enhance the aesthetic and functional values of the existing nearby structures and surrounding topography.
2. Physical conditions exist which prevent the developer from adhering to the requirements.

When a variation is requested, it shall be reviewed and approved or rejected, in writing, by the city engineer.

- D. Inspection; Survey: An inspection shall be made by the city after the foundation forms are set. Concrete shall not be poured for the foundation until approval following inspection is obtained. If the levels of the foundation top do not conform to these regulations, the city engineer shall have the authority to order that the form be reconstructed to achieve compliance. After the site has been finish graded, the owner shall furnish to the city a survey giving the location of the foundation on the property, the elevation at top of each corner of the foundation and elevations of the finish grade at the foundation and property corners to determine compliance with the grading plan, prior to the issuance of a certificate of occupancy. Said survey shall be prepared by a licensed surveyor. Cost of such survey shall be borne by the owner.

4-1-6: PENALTY:

- A. Penalties: Any person(s) who shall violate the provisions of this section or shall fail to comply with any of the requirements thereof, shall be guilty of a misdemeanor, punishable by fine of not less than fifty dollars (\$50.00) nor more than seven hundred-fifty hundred dollars (\$750.00). Each day that a violation continues shall be deemed a separate offense. The person(s) shall be required to correct any violation of the provisions of this section in a manner approved by the city engineer. (Ord. 0-86-25, 8-18-1986)

Chapter 2

RESIDENTIAL CODE

INTERNATIONAL RESIDENTIAL CODE 2012 EDITION

Chapter 2 - RESIDENTIAL CODE

4-2-1: ADOPTION OF CODE:

4-2-2: ADDITIONS AND AMENDMENTS TO CODE:

4-2-3: PENALTY:

4-2-4: ACCESSORY STRUCTURES:

4-2-5: MINIMUM HEATING STANDARDS FOR RESIDENTIAL BUILDINGS:

4-2-1: ADOPTION OF CODE:

A certain document, entitled the International Residential Code, 2012 edition, and all appendices thereto, published by the International Code Council, is hereby adopted as the residential code of the City of Prospect Heights. Three (3) copies of the document shall be kept on file with the city clerk. (Ord. 0-06-50, 12-18-2006, eff. 1-6-2007)

4-2-2: ADDITIONS AND AMENDMENTS TO CODE: International Residential Code, 2012 edition, and all appendices thereto, published by the International Code Council is amended as follows:

A. General Amendments:

1. Amendments Supersede All: The City of Prospect Heights amendments, zoning ordinance and municipal ordinances shall supersede all sections of all of the applicable adopted model codes.

2. Conflicts: Whenever two (2) codes are in conflict, the more stringent requirement shall govern.

3. Permit; Required, Duration, Exempt: A permit is required, and must be obtained before any work may commence. A building permit shall expire twelve (12) months after the date of issuance for single-family residences, townhomes or any other structure covered under the International Residential Code, 2012. Fences and sheds must be completed within sixty (60) days of the start of construction. No permit is required for minor repair or replacement.

a. Permit Drawings: Architect's Seal: All drawings submitted for permit shall bear the seal of the architect's license as well as his signature and the expiration date of his license. Other drawings shall bear the seal and same information of the design professional who prepared them, such as the structural engineer, civil engineer, mechanical engineer, professional engineer, etc., as applicable (every sheet) (2 sets required).

Exception: An architect's seal (i.e., design professional seal) is not required for sheds and other minor accessory structures.

b. Plan Review Fee: For projects which have been reviewed and then subsequently withdrawn, review fees shall be charged to the applicant for all expenses incurred.

4. Penalties:

a. Time Frame: If a building or structure is not completed within the allotted time and the permit expires, the applicant shall be required to pay an additional permit fee, equal to one-half (1/2) (50 percent) of the original permit fee and provide the building department with a schedule of completion, such that the project is complete within thirty (30) days. If the project is not completed within the thirty (30) day period, an additional fine of one hundred dollars (\$100.00) per day shall be imposed for each and every day the project is incomplete. Further, legal action may be taken to ensure all fines are paid and the project gets completed. The penalty for beginning work without paying for and obtaining a permit, is that the permit fee shall be doubled.

b. Work without Permit: Penalty For Building Projects Without An Approved Building Permit: In addition to every other penalty provided by law, any person, firm, corporation, or entity that undertakes any work for which a permit is required by this title without first having secured a permit authorizing such work will be fined a sum of money equal to the full amount of the building or other permit for such work. This subsection requires the violator to: pay the permit cost, the penalty, and stop work until the building department approves a building permit for the project. Such approval will occur within a reasonable time, within the confines of seasonal demand for services, holiday schedules, and building code regulations. The project may commence when the permit applicant has received approval and paid necessary fines and fees.

c. Penalty For Noncompliant (Failed) Reinspections: The penalty for failure to pass a reinspection shall be fifty dollars (\$50.00). This reinspection fee shall be paid prior to scheduling another reinspection. Any subsequent reinspection for same shall be an additional one-hundred dollars (\$100.00) per reinspection until approved. (Ord. 0-03-09, 3-17-2003, eff. 3-27-2003)

5. City's Right To Draw On Bond: The city of Prospect Heights shall have the right at all times, at its option, to draw on the contractor's bond for the costs, including, but without limitation, for: legal fees, administrative expenses - for damage to neighbor's property or damage to city property - for undertaking any work in violation of the code or for refusing to complete work authorized by any permit.

Also, if the contractor refuses to correct work that is in violation of any code, the bond shall be collected to correct and remedy the code violation.

6. Replenishment Of Bond: If the city of Prospect Heights draws on the contractor's bond, then the contractor shall replenish the bond to the full amount. If the "amount to remedy" exceeded the amount of the bond, the contractor shall also "make whole" the amount of the difference required to the party affected, either the city of Prospect Heights or other persons or entity.

Failure to replenish the bond and financially "make whole" the affected party, shall result in one or all of the following:

- A stop work order
- Cancellation of the permit
- Refusal of an occupancy permit
- Refusal by the city to issue transfer tax stamps
- Refusal to issue the contractor any other new permit
- Refusal for said contractor to do any other work within the city of Prospect Heights

7. Damage To Property: No person engaged in any work pursuant to a permit shall injure, damage or destroy any property, public or private, not owned by such person. In the event property is injured, damaged or destroyed, the general contractor shall be responsible for the damage and shall promptly repair and restore the damaged property at his own expense.

The general contractor or applicant acting as a general contractor shall be responsible for all of the subcontractors' actions and shall be responsible for all of the work in its entirety including means, methods and techniques of construction.

8. Safeguards: The general contractor or applicant acting as a general contractor shall be responsible for safety on, in, near and around the job site. All persons undertaking work pursuant to a permit issued by the city of Prospect Heights shall exercise proper care for the safety of all persons and property.

9. Wet Saw Required: A wet saw shall be required for cutting all types of masonry, stone, brick pavers, concrete and pavement. Any person not using a wet saw shall be issued a "stop work order" and fined one hundred dollars (\$100.00). The fine must be paid before work is allowed to continue with a wet saw.

10. Demolitions: Whenever a building is demolished, the contractor shall be required to provide dust abatement by hosing down the structure with water, during the demolition.

11. Concrete Foundations:

a. Footings And Foundation Walls: All footings and foundation walls shall be cast in place concrete. Wood, masonry, ICF, flat ICF, waffle grid ICF, screen grid ICF and other similar systems for foundations are not permitted. All concrete shall be 6-bag mix or an engineered design mix which shall have the specified compressive strength (f'c) of not less than three thousand (3,000) pounds per square inch (psi) at twenty eight (28) days, unless the concrete is required to have a greater compressive strength as designed by the architect or structural engineer. The minimum foundation wall thickness shall be eight inches (8") for a frame wall and ten inches (10") for a brick veneer wall.

b. Admixture: The use of calcium chloride as an admixture is not permitted on site.

c. Depth: The minimum depth for all footings shall be three feet six inches (3'6"), measured from finished grade to the bottom of the footing.

d. Thickness: The minimum thickness for all footings shall be twelve inches (12").

e. Extension: All footings shall extend a minimum of six inches (6") each side of the foundation wall it is supporting.

Example: A one foot zero inch (1'0") wide foundation wall shall be supported by a two foot zero inch (2'0") wide footing.

f. Reinforcement: All foundation walls shall have steel reinforcing bars, a minimum of two (2) #5 bars at the top and bottom of the foundation wall, running continuous.

g. Three-Season Rooms/Porches: Three-season rooms, screened porches and the like shall be built on a full footing and foundation wall, like any other habitable space. (300 square feet or less may utilize a trench footing; the trench footing shall be 12 inches wide x 48 inches below grade with 2 #5 bars at top and bottom.)

h. Existing Masonry Foundation: When a second floor addition is planned for an existing house which has a masonry foundation or a concrete foundation that is of questionable structural integrity, the existing foundation must be evaluated by a licensed structural engineer. The structural engineer shall prepare and submit a written report to the building department that indicates one or more of the following:

- (1) The existing foundation is capable of supporting the new loads imposed by the addition; or
- (2) The existing foundation shall be capable of supporting the new loads if specified reinforcement or improvements are made; or
- (3) The existing foundation is not capable of supporting new loads.

The structural engineer's report is to protect the owner in advance from a catastrophic and/or unexpected collapse of the structure.

i. Window Well Covers Required: Bars, grilles, covers, screens or similar devices are required to be placed over all window wells, whether rescue, escape or otherwise. Window well covers shall be capable of supporting a full grown adult (minimum capacity 250 pounds).

j. Concrete Slabs: Concrete slabs in basements and slab on grade construction shall be a minimum of four inches (4") thick w/6 X 6 W 1.4 X W 1.4 W. F. over six (6) mil vapor barrier over a five inch (5") crushed stone base.

12. Carpentry:

- a. All framing shall be sixteen inches (16") OC or less than sixteen inches (16") OC (balloon framing shall not be permitted).
- b. All plumbing walls shall be two by six (2 x 6) wood stud framing (minimum).
- c. All framing shall be dimension lumber with the lumber species and grade identified on the permit drawings.

d. All roof sheathing shall be five-eighths inch (5/8") exterior grade plywood, minimum. OSB and particle board are not permitted for roof sheathing.

e. Wall sheathing shall be minimum one-half inch (1/2") plywood or one-half inch (1/2") OSB (oriented strand board). The entire exterior envelope (exterior walls) shall be completely sheathed with one-half inch (1/2") plywood or one-half inch (1/2") OSB wall sheathing.

f. All floors shall be a minimum of three-fourths inch (3/4") tongue and groove plywood . OSB is not permitted for floor sheathing.

g. Two (2) layers of five-eighths inch (5/8") type X GWB shall be required on the ceilings of a garage which has habitable rooms above. A single layer of five-eighths inch (5/8") type X GWB is required between all garage and attached homes, and enclosing all mechanical rooms/closets.

h. Fire blocking shall be provided to cut off all concealed draft openings (both vertical and horizontal) to form an effective fire barrier between stories and between a top story and a roof space. (See Section R-602.8.) Materials which may be used are as follows:

- Unfaced batt insulation, when the stud cavity is filled to a height of sixteen inches (16") vertically per R-602.8.1.1
- Blankets of mineral wool
- Thermal fiber or fire safe batts
- Drywall compound
- Cementitious material
- 3-M fire stopping caulk or equal (intumescent fire stopping caulk)
- Other approved materials installed in such a manner as to be securely retained in place as an acceptable fire block by the building official.

Note: Foam plastic products are not permitted to be used as a fire blocking or fire stopping material.

i. Fire block at the rim height of every tub with 2 x wood blocking, every stud space, all around, or

Provide water resistant five-eighths inch (5/8") GWB or one-half inch (1/2") dura rock completely down to the floor behind all tubs and shower stalls for proper fire stopping, or use other materials as permitted in section R-602.8.1.

j. Three-season rooms, screened in porches and like structures shall be built with construction consistent with this code, and the same as any other house addition. All shall have a full footing and foundation (see subsection A11h of this section, 300 square feet or less may utilize a trench footing). Use of foam plastic panels, structural or otherwise are not permitted. A one hour fire rating is required at walls and ceiling (5/8 inch gypsum board type X).

k. **Lightweight Stairs:** Lightweight stair construction is prohibited. 3/4" OSB and gusset plate stringer are prohibited in stair construction.

13. Electrical

- a. Arc Fault Circuit; Interrupter Protection: All branch circuits that supply one hundred twenty five (125) volt, single-phase, fifteen (15) and twenty (20) ampere outlets installed in dwelling unit bedrooms shall be protected by an arc fault circuit interrupter listed to provide protection of the entire branch circuit (per section 210.12(B) of NEC).
- b. Conductors: All electrical conductors shall be copper. Aluminum conductors are not permitted.
- c. Prohibited: Nonmetallic sheathed cable, mineral insulated, metal sheathed cable, rigid nonmetallic conduit and boxes, armored cable, and flat conductor cable are all not permitted.
- d. GFCI Protected: All switches, receptacles and light fixtures in a bathroom, powder room, shower, etc., shall be GFCI protected.
- e. Conduit: Exterior belowground conduit may be:
 - Rigid galvanized (minimum) six inches (6") deep; or
 - Electrical grade nonmetallic conduit (minimum) eighteen inches (18") deep; or
 - Type "UF" cable with ground conductor (minimum) twenty four inches (24") deep per NEC table 300.5.
- f. Sump Pumps and Ejector Pumps: The electrical circuit which provides power for the sump pump and/or ejector pump shall each have a dedicated circuit independent of all circuits in the building and shall have a single outlet.

14. Mechanical:

- a. All dryer vents shall be metal or metal flex. Nonmetallic vents for dryers are not permitted.
- b. All ductwork shall be a closed system and in compliance with the international mechanical code section 603. Use of a stud space or joist space for a supply or plenum return is not permitted. Gypsum ducts are not permitted.
- c. Provide a one and one-half inch (1 1/2") precast concrete pad under all furnaces which are set on a wood floor (or use 2 layers of 1/2 inch dura rock or a 2 inch thickness of poured concrete).

15. Fireplaces:

- a. **Masonry Fireplaces:** All wood burning fireplaces shall be constructed of masonry per section R-1003 of the IRC and in compliance with the New York Masonry Association's guidelines and details. The hearth extension shall always be twenty inches (20") minimum. Provide an exterior air supply per section R-1005. The smoke shelf shall be twelve inches (12") minimum.
- b. **Direct Vent Fireplaces:** Direct vent fireplace units which burn gas only and have a fixed glass plate in front of the firebox which cannot be opened, are permitted.

(1) The direct vent unit may terminate the vent at the outside wall, directly behind the unit, with a collar, per manufacturer's installation instructions.

(2) If a chimney is created for the direct vent, on the outside of the building, it must be brick or stone veneer. Wood siding or nonmasonry materials are not permitted to enclose the chimney created on the outside wall.

If the direct vent is run vertically in the interior of the building, it may terminate through the roof as an exposed vent. If the vent through the roof has a chimney enclosure around it, the enclosure must be clad to look like stone or brick. (Wood siding or similar siding material shall not be permitted to create a chimney.)

c. Ventless Fireplace: Ventless fireplace units which burn gas and have no vent to the outside, are not permitted in bedrooms, basements and attics. They must be operated with a door or window open, per manufacturer's instructions.

B. Specific Amendments:

R-101.1 Title

These provisions shall be known as the Residential Code For One And Two-Family Dwellings Of The City Of Prospect Heights, and shall be cited as such and will be referred to herein as "this code".

R-101.2 Scope

The provisions of the international residential code for one- and two-family dwellings shall apply to the construction, alteration, movement, enlargement, replacement, repair, equipment, use and occupancy, location removal and demolition of single family residences, townhouses and duplexes, and their accessory structures. Townhouses and duplexes shall have a vertical wall as a fire barrier and shall not have one dwelling unit stacked above another. Apartment type buildings and other multiple dwelling buildings shall be governed by the IBC 2012 as amended.

No exception for existing buildings:

Existing buildings undergoing repair, alteration, additions or movement shall comply with the requirements of this code, same as new buildings.

R-103.1 Enforcement Agency

The individual in charge of the building department shall be known as the Building Official and/or Building and Development Director.

R-104.11 Tests

Add: The building official shall have the final authority to approve or disapprove materials, designs, assemblies, products, methods of construction, equipment, and etc. proposed to be used in any construction project.

R-105.2 Work Exempt From Permit

All work shall require a permit, including detached accessory structures, fences, retaining walls, patios, decks, gazebos, sidewalks, driveways, swimming pools and all other construction listed on the city of Prospect Heights fee schedule.

Work exempt from permit shall be as follows:

- Emergency repairs
- Minor repair or replacement
- Painting, papering, carpeting, tiling, cabinets and other finish work
- Re-roofing of a single family residence or townhouse

R-106.1 Submittal Documents

All construction documents submitted shall be signed and sealed by the design professional who prepared them. (The licensed architect, structural engineer, or registered professional engineer shall include his license number, signature, and the expiration date of his license clearly identified on the drawings.)

R-113.4 Violation Penalties

The building official and/or his agents may issue citations which carry a fine of \$100.00 per day for each and every violation which exists. The \$100.00 per day penalty also applies to "orders" in which the contractor or other persons "fail to comply" as directed by the building official, inspectors, or his agents.

R-114.2 Unlawful Continuance

Any person who shall continue to work after having been served a "stop work order" shall be liable to a fine of \$100.00 for the first day, \$200.00 for the second day and an additional \$500.00 for the third day.

R-115 Site Requirements is hereby added:

All sites shall have a code of conduct sign clearly posted including address. All construction sites shall have the following and comply with the following.

a) Portable sanitation facility shall be provided and maintained in an approved manner on site.

b) Parking Restrictions: All contractor/service providers and other persons associated with a construction project shall restrict the parking of vehicles to one side of the street. Do not park vehicles on the public parkway or blocking the public sidewalk.

c) Public walks shall be kept clear and passable. Maintain sidewalk area with compacted gravel as necessary throughout the duration of construction, so that it is safe for pedestrians to walk on.

d) Sidewalks shall not be blocked with parked vehicles. Concrete trucks or delivery vehicles may block the sidewalks for a short period of time while they are placing concrete or delivering materials.

e) Tree Protection: Tree protection for new homes shall be kept in place and properly constructed at all times. The contractor may be required to install tree protection, when deemed necessary by the building official, for home "additions".

f) Storage of materials: Do not place or store materials on the public parkway.

g) Dumpster Required: Provide a dumpster for all trash and discarded building materials, or keep the trash or scrap building materials contained inside of the building. The maximum length of time that a dumpster may be on site is 6 months. After 6 months, all garbage and debris shall be placed in a 6 yard dumpster which shall be located inside the garage, or the garbage and debris shall be placed in trash receptacles located inside the house. City has a contract with a waste hauler and the dumpster shall be from the contract provider. Failure to use City waste hauler could result in a fine of \$100.00.

h) Street Maintenance: Maintain streets and sidewalks free of mud. The general contractor shall be responsible to clean up large clumps of mud, immediately, as trucks or other vehicles leave the site. (\$100.00 fine for each occurrence.)

i) Driveway Access Required: On all new construction sites, the designed area for the driveway shall be graveled. Gravel shall be in place immediately after the foundation is backfilled. This gravel is a sacrificial base for use during construction. More gravel shall be added as appropriate during construction to assist in keeping the site and the public streets clean. Additional gravel shall be added to meet appropriate requirements for the pre-pour driveway inspection.

j) Spot Survey Required: The city requires that the builder of a new single family home submit a spot survey after the pouring of the foundation and that those documents be reviewed and approved by the city prior to any framing work being started on the structure. The spot survey shall indicate the dimension from the foundation to all property lines and all pertinent elevations. In both cases, these documents shall be signed and sealed by either a professional engineer or a registered land surveyor and shall contain verbiage indicating that the foundation has been installed in accordance with the site plan submitted and approved by the city.

k) Neighbor Property: The general contractor is responsible for controlling the sub-contractors and the project as a whole. No person shall trespass on a neighbor's property, without their permission. Do not damage neighbor's property. The general contractor shall be responsible to restore any damage to neighbor's property, or compensate that neighbor for damage to his property, regardless of which subcontractor or service provided actually did the damage.

l) Safety Fencing Required: All construction sites shall be fenced. The fence shall be a 6 ft. chain-link fence with locking gate surrounding the entire site.

m) Landscaping: The minimum requirement for landscaping is that the entire property must be seeded or sodded by a professional landscaper.

n) Erosion Control: Keep erosion control measures in place as directed by the city engineer.

o) Construction Fires: No open fires or burning, except for heating sand for mortar.

p) Obey work hours: Monday through Saturday 7 AM - 6 PM

No work on Sundays or legal city holidays

q) Window Well Drains And Perimeter Drainage: All window wells shall have adequate drainage installed. A drain pipe of not less than 4 inches in diameter, shall be connected to a tee fitting, incorporated with the building foundation footing drain tile system.

A perimeter drain with leaders from window wells, is always required at basements. A 4 inch diameter perimeter drain tile at footing shall be set on a minimum of 2 inches of stone and covered with a minimum of 6 inches of stone. The total height of the stone used shall be 12 inches minimum. ($2" + 4" + 6" = 12"$). The top of the tile must be below the top of the footing.

r) Sump Pump Discharge: The sump pump discharge of the perimeter drain tile system shall be approved by the city engineer department. The discharge of the sump pump is storm water and shall not be connected to or discharged into the sanitary sewer.

s) Downspouts: All downspouts as well as storm water sump pumps shall be connected to the ground storm sewer system as directed by the city engineer. Downspouts and storm water sump pumps may discharge onto your own property and be absorbed into the soil when pre-approved by engineering. Drainage shall not run onto adjacent property. Provide a grading plan to the city engineer for pre-approval.

R-202 Definitions

a) Air Admittance Valves are not permitted.

b) Insulating Concrete Forms (ICF) are not permitted.

c) Manufactured Home: Manufactured homes as defined are not permitted. Any manufactured home must meet all of the requirements of "this code" as well as the requirements of the amendments.

d) Structural Insulated Panels (SIPS): Structural insulated panels are not permitted.

e) Wet Vents: Wet vents are not permitted.

R-301.1.2 Construction Systems

a) **Balloon framing** is not permitted.

R-301.2 (1) Climatic & Geographic Design Criteria Table

Ground snow load	30 P.S.F.
Wind speed	90 mph, 3 second gust - fig 301.2(4)
	75 mph, fastest mile - table 301.2.1.3
Seismic design category	B
Weathering	Severe
Frost line depth	42" below finished grade (minimum)
Termite	Slight to moderate
Decay	Slight to moderate
Winter design temperature	-4 degrees Fahrenheit
Ice shield underlayment required	Yes
Flood hazards	Contact engineering
Air freezing index	1750
Mean annual temperature	50 degrees Fahrenheit

R-301.5 Attic And Crawlspace Access

Access to attics and crawlspaces shall be a minimum of 30 inches by 30 inches. A light is required in the immediate vicinity of the opening, inside the attic and/or crawlspace.

R-302.6 Dwelling/Garage Separation Required

This section is hereby amended to require 5/8" fire rated gypsum board on all walls, attics and ceilings of an attached garage. (2 layers of 5/8" fire rated gypsum board is required on the ceiling of the garage if habitable rooms, a storage room or closet is above)

R-305.1.1 Crawlspace Height

All crawlspace areas shall have a minimum required clear height of 3 feet (36 inches). Beams, girders, ductwork, mechanical and plumbing components may project into that area as long as there remains 2 feet (24 inches) under those projections.

R-306.3 Private Sewage Disposal

A private sewage disposal system is not permitted.

Add: R-309.1.1 Garage Floor Drainage

The garage floor shall have a minimum slope from back to front of 2 (two) inches, for drainage. A garage floor may not slope to any drain. (All garage floors shall be 5" thick concrete over 5" crushed stone base and have wire mesh or be fiber mesh concrete.)

Add: R-309.3.1.2 Gas Curb

The floor of the garage shall be separated vertically from the adjacent floor of the main residence by a concrete gas curb, minimum 6 inches in height.

R-311.7.10.1.1 Spiral Stairways

Spiral stairways are not permitted to be used as a means of egress; they are considered a decorative element only.

R-311.7.11 Lightweight Stairs: Lightweight stair construction is prohibited.

R-312.1 Guardrails

In addition to the requirements of this section, add: "Porches, balconies, decks or exterior raised floor surfaces 8 feet or more above the floor or grade below shall have a guardrail not less than 42 inches in height."

R-319 Site Address

Premises identification: The address numbers shall be a minimum of 6 inches high with a minimum stroke of 0.5 of a contrasting color, facing the street and readily visible for emergency vehicles.

R- 322.1.9 Manufactured Housing

Manufactured and prefabricated construction shall comply with all of the code provisions and amendments for standard construction, as amended by the city of Prospect Heights, herein.

R-401.3 Drainage

Drainage shall be as approved by the city engineer.

R-402.1 Wood Foundations delete in entirety

Wood foundations are not permitted.

R-402.2 Concrete Compressive Strength

Revise section R-402.2 and table R-402.2, such that, in all cases the minimum specified compressive strength of concrete shall be 3,000 p.s.i., or greater as indicated by table R-402.2.

R-403.1.1 Footings, Minimum Size

- a) All spread footings shall be one foot (12 inches) thick, and a minimum of 20 inches wide for an 8" wide foundation wall. Footing projections shall be at least 6" each side of the foundation wall. Example: A 10 inch foundation wall requires a 22 inch wide footing. Provide a continuous 11/2" x 31/2" key way centered in the top of all spread footings.
- b) Trench footings may be utilized for slab on grade additions, such as a 3-season room and the like, which does not exceed an area of 300 square feet, and is only one story in height. The trench footing shall be 12" wide with 2-#5 bars top and bottom. The bottom of the trench footing shall be 48 inches below grade.
- c) Concrete slab for a detached garage, shall utilize a full perimeter grade beam 12 inches wide with a depth of 12 inches below grade. It shall also have 2-#5 bars continuous around perimeter. The garage slab shall be 5" thick with wire mesh or fiber mesh concrete poured monolithic with the grade beam. The slab shall be over a 5" crushed gravel base.
- d) Concrete slabs for sheds may be a 4" concrete slab over 4" crushed stone base. Turn down perimeter edge below grade as necessary, minimum 6 inches, when a slab is provided. A shed is not required to have a concrete slab but must be properly anchored.

R-403.1.4.1 Frost Protection

All footings shall be 42 inches below grade. Delete the "Exceptions" in this section.

R-404.1.1 Design of masonry foundation walls – Delete section in entirety

R-404.1.1.1 Masonry foundation walls. Delete section in entirety

R-404.1.1 Masonry Foundation Walls Masonry foundation walls and others are not permitted. Masonry foundation walls, pier & curtain wall foundations, rubble stone masonry, wood foundation walls, insulating concrete forms (ICF), waffle grid insulating concrete form wall and screen grid insulating concrete form wall systems are "not permitted".

R-405.1 Foundation Drainage Delete the exception.

Add: The electrical circuit that provides power for the sump pump in the perimeter drainage system shall be a dedicated circuit, independent of all circuits in the building and shall have a single outlet.

R-502.2.2 Decks

All decks shall be designed for a 40 p.s.f. live load. All decks shall be supported by concrete filled post holes which are 42 inches below grade. The wood posts shall be securely anchored with metal post base anchors which are embedded in the concrete or mechanically fastened to the concrete, with expansion bolts. **R-504 Pressure Preservatively Treated - Wood Floors (On Ground)** Treated wood floors on the ground shall not be permitted. Delete this section in its entirety.

R-506 Concrete Floors (On Ground)

Concrete slab-on-ground floors shall be minimum of 4" thick over 5" crushed stone base. Basement concrete floors shall have a 6 mil vapor barrier.

a) Garage slabs shall be a minimum of 5" thick over a 5" crushed stone base. Attached garages shall have a 6 mil vapor barrier.

b) Concrete floors in basements shall be 4" concrete slab with 6 x 6 W 1.4 x W 1.4 W.W.F. over 6 mil vapor barrier over 5" crushed stone base, minimum.

c) Typical welded wire fabric required for various slab thicknesses are as follows:

4" conc. slab - 6 x 6 W 1.4 x W 1.4 W.W.F.

5" conc. slab - 6 x 6 W 2.1 x W 2.1 W.W.F.

6" conc. slab - 6 x 6 W 2.9 x W 2.9 W.W.F (All vapor barriers shall be 6 mil.)

d) Blast furnace slag shall not be permitted as a base for a concrete slab.

e) Delete the exception in section R-506.2.2. The exception says that a base course is not required under certain conditions. A base course shall always be required.

R-602.3.2 Top Plate

A double top plate shall always be required. Delete the exception in this section. A single top plate is not permitted.

Tables R-602.3 (3 & 4) Stud Spacing And Panel Thickness

Stud spacing shall always be 16" O.C. or less than 16" O.C.

a) The minimum panel thickness shall be 1/2" plywood or 1/2" O.S.B. for wood structural panel wall sheathing.

b) Particle board wall sheathing is not permitted.

R-602.8 Fireblocking Required

Fireblocking shall be required per this section. Other materials which may be used, in addition to the materials listed in R-602.8.1 are Therma fibre insulation and approved intumescent firestopping caulk. (See subsection 4-2-2A12i of the Prospect Heights city code)

Note: Foam plastic products are not permitted to be used as a fireblocking or firestopping material.

R-602.9 Cripple Walls

Cripple walls shall be 2 x 6 studs @ 16" O.C., minimum. Foundation cripple walls which have a stud height less than 14 inches shall be sheathed on both sides with a wood structural panel that is glued with sub-floor adhesive and fastened to both the top and bottom plates in accordance with table 602.3 (1) or the cripple walls shall be constructed of solid blocking. Cripple walls shall be supported on continuous foundations.

R-606.1.1 Professional Registration Required

All project drawings, typical details and specifications are required to bear the seal of the architect or engineer responsible for the design (typical for all).

R-611 Insulating Concrete Form Wall Construction: Delete this section in its entirety. ICF wall construction is not permitted.

R-703.9 Exterior Insulation Finish Systems (EIFS)

Add: All exterior insulation finish systems (EIFS) shall be a completely drainable type system utilizing one or more of the following, as specified by the manufacturer's installation instructions:

- A continuous mesh
- A "wrinkle wrap" type of building wrap
- Vertical groove drains in the insulation board
- Other method as prescribed by the manufacturer's installation instructions

a) The insulation shall be mechanically fastened.

b) The contractor performing the work must be a certified installer of the EIFS product that he is installing

c) The certified EIFS contractor shall provide a warranty for the labor and materials, identifying that the installation was performed in accordance with manufacturer's installation instructions as well as the provisions of this code. Any and all violations of this code or discrepancies with the manufacturer's installation instructions shall be corrected at the expense of the EIFS contractor, and general contractor who has control over the project.

d) The City of Prospect Heights building department does not recommend EIFS and assumes no responsibility for its use and/or application to any building.

R-801.3 Roof Drainage And Sump Discharge

Roof drainage and stormwater discharge shall be directed by the city engineer on a case by case basis. The city engineer's directive in the plan review process or as directed in the field during construction is the final authority with respect to roof drainage and sump pump (stormwater) discharge.

- a) Storm water from the roof, perimeter drain tile system, sump pump or any other source shall not be connected to the sanitary sewer.
- b) A sanitary sewer shall not be connected to a storm sewer.

R-905.2.7.1 Ice Protection (i.e. Self-Adhesive Ice/Water Shield)

Ice protection shall be provided for asphalt shingled roofs that consists of a self-adhering polymer modified bitumen sheet, which shall be used in lieu of normal underlayment and shall extend from the eaves edge to a point at least 24 inches inside the exterior wall line of the building.

- a) The same requirement applies for metal roof shingles, mineral surface roll roofing, slate and slate type shingles, wood shingles, wood shakes, similar roofs and when a complete "tear-off" occurs for re-roofing of an existing building.

M-1408 Delete this section in its entirety. Vented floor furnaces are not permitted.

M-1601.1: Items #5, #6 and #7 are hereby deleted. Construction cavities in stud and joist spaces shall not be used as a plenum for air supply or returns.

Part VII Plumbing - chapter 25 through 32.

All plumbing shall comply with the Illinois state plumbing code.

Part VIII Electrical - chapters 33 through 42.

All electrical shall comply with the N.F.P.A. 70, national electrical code 2011 and the more stringent, City of Prospect Heights amendments to that code.

a) The electrical chapters 33 through 42 of the International Residential Code 2012 may be referenced and shall apply when:

- The standards set forth are at least as stringent as the NEC 2011 as amended.
- The standards set forth are at least as stringent as the applicable city of Prospect Heights amendments.
- When the NEC 2011 and the City of Prospect Heights amendments are silent on a particular subject.

Chapter 41 - Swimming Pools

See appendix G and amendments to appendix G, for additional detailed requirements.

Part IX Chapter 44 Referenced Standards

All of the referenced standards listed in chapter 43 of the IRC 2012 edition are hereby adopted by the city of Prospect Heights.

Part X Appendices of the IRC 2012 edition:

Appendix G of the IRC 2003 edition - swimming pools, spas and hot tubs is hereby adopted and amended as follows:

Add the following new section AG101.1.1

Section AG101.1.1 General Overview Requirements For Swimming Pools, Spas And Hot Tubs.

a) All hot tubs and spas are required to have an approved safety cover.

b) Location:

- All pools must be 50% visible from inside your home.
- No shrub, bush, tree, structure, equipment or other impediment to vision, except the fence and gate, shall be placed as to impair the visibility of the entire area of the pool surface from the side of the pool nearest the dwelling on the premises. In case of round or irregularly shaped pools this "side" shall be considered as a projection of the face nearest the dwelling
- Pools must be 10 feet from any building, which includes the house, shed, garage, balcony, porch, deck or any accessory structure
- 10 feet is measured from the eave or edge of structure to the water edge
- The pool may not be installed over an easement
- Must be 10 feet away from any and all overhead power lines
- Must be 5 feet away, measured horizontally, from any underground power lines
- The distance is always measured horizontally from the waters edge of the pool
- Must be at least 5 feet from a side property line and at least 5 feet from a rear property line

c) Where a wall of a dwelling serves as part of the barrier of the pool, the following shall apply:

- All doors with direct access to the pool through that wall shall be equipped with an alarm which produces an audible warning when the door and its screen (if present) are opened
- The alarm shall sound continuously for a minimum of 30 seconds immediately after the door is opened
- The alarm shall have a minimum sound pressure rating of 85 dBA at 10 feet and the sound of the alarm shall be distinctive from other household sound such as smoke alarms, telephones and door bells
- The alarm shall automatically reset under all conditions
- The alarm shall be equipped with manual means, such as touch pads or switches, to deactivate the alarm temporarily for a single opening from either direction
- Such deactivation shall last for not more than 15 seconds
- The deactivation touch pads or switches shall be located at least 54 inches above the threshold of the door

d) Barrier

A barrier is required for all swimming pools, hot tubs and spas. See section AG105.

e) Other Safeguards

When the pool is not in use under the supervision of the owner, his agent, tenant or other responsible person, all access gates or doors leading directly to the pool area shall be securely locked, and/or other safeguards, such as an approved cover, shall be in place to provide protection against the possibility of accidental falling into the pool by a person.

f) Grading And Site Drainage

- Maintain existing grading and site drainage. All unused excavated material shall be removed from the site

g) Electrical

- All electrical wiring required for pumps, lights and outlets must comply with the national electric code
- No extension cords are permitted
- All wiring must be ground fault protected
- A single twist lock receptacle is permitted between 5 feet and 10 feet of the inside edge of the pool, ground fault protected, for the pump
- All other outlets must be ground fault protected and at least 10 feet from the inside edge of the pool
- For all pools at a dwelling unit, a receptacle is required between 10 feet and 20 feet from the inside edge of the pool, ground fault protected
- No lighting fixture shall be installed over a pool or within 5 feet horizontally of the inside walls of a pool unless it is located at least 12 feet above the maximum water level

h) Water Supply

*The water supply for the pool must be taken from a sill cock connected to a house water service and must include a vacuum breaker or back flow prevention device

*The swimming pool shall not collect or hold stagnant or improperly treated water

*The pool may not be drained on any other property

*The pool must be drained to the curb or gutter located along an adjacent street during warm weather

i) Permit Procedures

If the pool, hot tub or spa holds more than 1,000 gallons of water, or has a depth of 24 inches or greater, a permit is required for construction of installation. A permit is required for all hot tubs and spas.

1. Obtain a pool permit application from the building department

2. Submit the completed application along with two (2) copies of each of the following:
 - a) Plat of survey indicating proposed location of the pool
 - b) With distances from property lines dimensions
 - c) A grading plan for the pool is needed if excavation or filling or any change of grade is required
 - d) The manufacturer's specifications for the pool and filter, if the pool is above ground
 - e) The set of architectural plans if the pool is in ground
 - j) Illegible Plans Will Not Be Accepted
 - k) Call JULIE joint utility location information for excavating at 1-800-892-0123, for utility line location information, JULIE is a free service.

Appendix G - Section AG102 - Definitions Omitted

Appendices L – P – Delete in Entirety

(Ord. 0-06-50, 12-18-2006, eff. 1-6-2007)

Appendix

4-2-3: PENALTY

Any person violating any provision of this chapter, or the code adopted herein, shall be fined not less than twenty five dollars (\$25.00) nor more than seven hundred fifty dollars (\$750.00) for each offense; and a separate offense shall be deemed committed on each day during or on which a violation occurs or continues.

4-2-4: ACCESSORY STRUCTURES:

A. Detached Garages: Grade beam construction permitted consisting of a four inch (4") concrete floor poured monolithically with a minimum of eighteen inches (18") thickened outer edge a width of twenty inches (20") around perimeter of building. Said grade beam to be of equal depth and on undisturbed soil. Floor to be reinforced with 6 x 6 x 10/10 w.w. mesh and grade beam to contain two (2) number 4 (#4) bars continuous two inches (2") from bottom. (Ord. 0-90-60, 11-19-1990)

B. Garden Sheds: Above requirements shall not apply to any metal or wood accessory structure one hundred fifty (150) square feet in area and under. Said accessory structure must be safely anchored to

grade with approved ground anchors. The proposed method of anchorage must be submitted to the building and zoning administrator and included in the application for permit.

All wood accessory structures in direct contact with the ground shall have treated (moisture resistant) sill members at all points of contact with grade. (Ord. 0-91-55, 10-21-1991)

4-2-5: MINIMUM HEATING STANDARDS FOR RESIDENTIAL BUILDINGS:

Every owner or manager of any residential building with two (2) or more dwelling units located within the city shall maintain, or otherwise make available for optional use by any tenant or occupant, sufficient heat for a minimum temperature of sixty five degrees Fahrenheit (65°F) in all habitable rooms, bathrooms and hallways located within each dwelling unit at all times between October 1 and April 30. Should the outside temperature fall below fifty degrees Fahrenheit (50°F) at any other time of the year at the official weather station at O'Hare airport, the provisions of the previous sentence will apply. (Ord. 0-95-66, 12-18-1995)

It shall be the duty of the health inspector to enforce the provisions of this section. Any owner or manager of any building or part thereof that is found to be in violation of the provisions of this section shall be subject to a penalty of not less than twenty five dollars (\$25.00) nor more than five hundred dollars (\$500.00) for each and every offense and a separate offense shall be deemed committed on each day a violation occurs or continues to exist. (Ord. 0-95-66, 12-18-1995; amd. Ord. 0-05-23, 7-5-2005, eff. 7-17-2005)

Chapter 3

MECHANICAL CODE

4-3-1: ADOPTION OF CODE:

4-3-2: ADDITIONS AND AMENDMENTS TO CODE:

4-3-3: PENALTY:

4-3-1: ADOPTION OF CODE:

A certain document, entitled the International Mechanical Code, 2012 edition, and all appendices thereto, published by the International Code Council, is hereby adopted as the mechanical code of the city of Prospect Heights. Three (3) copies of the document shall be kept on file with the city clerk. (Ord. 0-06-50, 12-18-2006, eff. 1-6-2007)

4-3-2: ADDITIONS AND AMENDMENTS TO CODE:

International Mechanical Code, 2012 edition, and all appendices thereto, published by the International Code Council is amended as follows:

A. Governing Principles:

1. The City Of Prospect Heights Amendments: The city of Prospect Heights amendments to the IBC, the IRC, other amendments, the zoning ordinance and municipal ordinances shall supersede all sections of all of the adopted model codes.
2. Conflicts: Whenever two (2) codes are in conflict, the more stringent requirement shall govern.

B. General Amendments:

1. Furnaces: Attic furnaces and crawl space furnaces are not permitted unless clearance and access, per code is provided.
2. Concrete Pad: All gas fired furnaces shall be placed on a minimum of two inches (2") of concrete or on a solid one and one-half inch (1 ½") precast concrete pad. (The precast pad may be under the furnace only, and extend a few inches beyond the perimeter of the unit's footprint.) Furnaces may be placed directly on basement floor slabs.
3. Air Conditioning Equipment: Air conditioning equipment, including pads, condensing units, heat pumps, etc., are not permitted in the required side yard setbacks (per zoning ordinance).
4. Dryer Vents: All dryer vents shall be metal or metal flex. Nonmetallic vents for dryers are not permitted. See section 504.6 and amendment to section 504.6.
5. Ductwork: All ductwork shall be a closed system and in compliance with the International Mechanical Code section 603. Use of a stud space or joist space for a supply or plenum return is not permitted. Gypsum ducts are not permitted. Delete sections 603.5 and 603.5.1.
6. Furnaces On Wood Floors: Provide a one and one-half inch (1½") precast concrete pad under all furnaces which are set on a wood floor (or use 2 layers of ½ inch dura rock or a 2 inch thickness of poured concrete).

7. Exhaust Fans: All bathroom, shower and powder room exhaust fans shall have insulated ductwork.

C. Energy Efficiency: Any and all references in this code (IMC), relating requirements of the International Energy Conservation Code to single-family dwellings and townhomes are hereby deleted.

D. Specific Amendments:

Section 306.3 Appliances In Attics

Attic furnaces are not permitted unless specifically approved by the building official.

Section 306.4 Appliances Under Floors

Furnaces in the crawlspace or other appliances under floors are not permitted unless specifically approved by the building official.

Section 602.3 Stud Cavity And Joist Space Plenums - Not Permitted

Delete this section in its entirety. Stud cavity and joist space plenums are not permitted.

Section 603.5.1 Gypsum Ducts - Not Permitted

Delete this section in its entirety. The use of gypsum board to form ducts is not permitted.

Section 910 Floor Furnaces - Not Permitted

Delete this section in its entirety. Floor furnaces are not permitted.

Section 922 Kerosene And Oil-Fired Stoves - Not Permitted

Delete this section in its entirety. Kerosene and oil-fired stoves are not permitted.

Chapter 15 Referenced Standards

All of the referenced standards listed in chapter 15 of the IMC 2012 edition are hereby adopted by the city of Prospect Heights.

Appendix A

Appendix A of the IMC 2012 edition is hereby adopted by the city of Prospect Heights.

(Ord. 0-06-50, 12-18-2006, eff. 1-6-2007)

4-3-3: PENALTY:

Any person violating any provision of this chapter shall be fined not less than twenty five dollars (\$25.00) nor more than seven hundred fifty (\$750.00) for each offense; and a separate offense shall be deemed committed on each day during or on which a violation occurs or continues. (Ord. 0-78-2, 1-16-1978)

Chapter 4

PLUMBING CODE

4-4-1: ADOPTION OF CODE:

4-4-2: ADDITIONS AND AMENDMENTS TO CODE:

4-4-3: PENALTY:

4-4-1: ADOPTION OF CODE:

The 2014 state of Illinois plumbing code is hereby adopted. (Ord. 0-06-50, 12-18-2006, eff. 1-6-2007)

4-4-2: ADDITIONS AND AMENDMENTS TO CODE:

City shall follow the 2014 State Plumbing Code by statute.

4-4-3: PENALTY:

Any person violating any provision of this chapter shall be fined not less than twenty-five dollars (\$25.00) nor more than seven hundred fifty dollars (\$750.00) for each offense; and a separate offense shall be deemed committed on each day during or on which a violation occurs or continues. (Ord. 0-78-2, 1-16-1978)

Chapter 4A

ELECTRICAL CODE

4-4A-1: ADOPTION OF CODE:

4-4A-2: ADDITIONS AND AMENDMENTS TO CODE:

4-4A-3: PENALTY:

4-4A-1: ADOPTION OF CODE:

A certain document, entitled the National Electric Code, 2011 edition, and all appendices thereto, published by the National Fire Protection Association, Inc. (NFPA), is hereby adopted as the electrical code of the city of Prospect Heights. Three (3) copies of the document shall be kept on file with the city clerk. (Ord. 0-06-50, 12-18-2006, eff. 1-6-2007)

4-4A-2: ADDITIONS AND AMENDMENTS TO CODE:

National Electric Code, 2011 edition, and all appendices thereto, published by the NFPA is amended as follows:

- A. The City Of Prospect Heights Amendments: The city of Prospect Heights amendments to the IBC, the IRC, other amendments, the zoning ordinance and municipal ordinances shall supersede all sections of all of the adopted model codes.
- B. Conflicts: Whenever two (2) codes are in conflict, the more stringent requirement shall govern.
- C. Licensed, Bonded And Registered: All electrical work shall be performed by a licensed and bonded electrician who is also registered with the city of Prospect Heights building department. The electrical license must be one which was acquired by passing a written electrical examination offered by an approved municipality or city. The electrician(s) shall provide a legible copy of their electrical license, to the building department, with the application for registration.
- D. Deleted Articles: The following articles of the 2011 NEC are hereby deleted in their entirety; and are not permitted:

Article	
320	Armored cable
324	Type FCC flat conductor cable
326	Type IGS integrated gas spacer cable
330	Metal clad cable
332	Mineral insulated, metal sheathed
334	Nonmetallic sheathed cable
338	Service entrance cable

356	Liquid flexible nonmetallic conduit
362	Electrical nonmetallic tubing
378	Nonmetallic wireways
382	Nonmetallic extensions surface
388	Nonmetallic raceways
394	Concealed knob and tube wiring
398	Open wiring on insulators

E. Indoor Use Only; Power And Control Tray Cable: Type TC as presented in article 336, shall be permitted for indoor use only. Outdoor or exterior installations of this product shall not be permitted.

F. Nonmetallic Auxiliary Gutters; Not Permitted: Nonmetallic auxiliary gutters as presented in article 366, are not permitted.

G. Aluminum Conductors; Not Permitted: Aluminum conductors shall not be permitted. (All electrical conductors shall be copper.) Nonmetallic sheathed cable, mineral insulated, metal sheathed cable, flexible nonmetallic conduit, rigid nonmetallic conduit and boxes, armored cable and flat conductor cable are all not permitted. (PVC type conduit shall be permitted underground.)

H. GFCI Protected: All switches, receptacles and light fixtures in a toilet room, bathroom, powder room, shower, etc., shall be GFCI protected (ref. 210.8A of the NEC).

I. Arc Fault Circuit; Interrupter Protection: All branch circuits that supply one hundred twenty five (125) volt, single-phase, fifteen (15) and twenty (20) ampere outlets installed in dwelling unit bedrooms shall be protected by an arc fault circuit interrupter listed to provide protection of the entire branch circuit (per article 210.12(B) of the NEC).

J. Carbon Monoxide Detectors: Carbon monoxide detectors shall be provided as follows:

1. Outside each separate sleeping area in the immediate vicinity of the bedrooms (within 15 feet).
2. On every floor on which a fossil fuel burning boiler or furnace is located and/or in a room in which the furnace or water heater is located.
3. On every floor in which sleeping rooms are heated by any type of warm air heating plant that burns fossil fuel.

Ref: State of Illinois 91st general assembly legislation 91-HB0603 engrossed.

K. Rigid Conduit Required:

1. All exterior aboveground conduit shall be rigid galvanized pipe.
2. All service entrance conductor conduit to the first disconnect enclosure shall be rigid galvanized pipe.
3. All outside aboveground conduit and ground rod conduit shall be rigid galvanized pipe.

Exception: Air conditioning condensers may utilize liquid tight metal flexible conduit. If flexible conduit is over six feet zero inches (6'0"), it must include a ground wire bonded to the disconnect enclosure and the condenser. GFCI protection is not required on dedicated circuits.

L. Service Panel: All service panels and subpanels shall be installed with a main breaker in the panel. All breakers shall be in one inch (1"). Whenever the electric meter is more than five feet zero inches (5'0") from the panel, an outside service disconnect breaker is required at the electric meter. A minimum one hundred (100) amp service with (minimum) twenty (20) circuit positions is required. Homes in excess of one thousand five hundred (1,500) square feet, excluding basement, must be equipped with (minimum) two hundred (200) amp service with (minimum) thirty (30) circuits positions.

M. One Service For A Single-Family Dwelling:

1. Only one electrical service shall be permitted to a single-family dwelling (ref. article 230.2).
2. All subpanels shall be fed through the main panel, located in the dwelling (ref. article 230.40).

N. Interior Underground Installations: Rigid galvanized or underground PVC conduit may be used under all interior concrete slab construction. All slab and foundation wall penetrations must be rigid galvanized conduit which is grounded (ref. article 250.80).

O. Exterior Underground Installations; Minimum Cover Requirements:

1. Exterior belowground conduit may be rigid galvanized (minimum) six inches (6") deep, or
2. Electrical grade PVC type nonmetallic conduit (minimum) eighteen inches (18") deep, or
3. Type "UF" cable with ground conductor (minimum) twenty four inches (24") deep. Table 300.5 in the NEC.

P. Interior Conduits: All new interior electrical installations shall be piped in rigid or EMT (minimum $\frac{1}{2}$ inch) Greenfield whips up to six feet zero inches (6'0") as needed. (BX armored cable is not permitted.)

Q. Garages: All garages shall have a minimum of two (2) wall outlet receptacles plus one additional outlet in the ceiling for each overhead garage door. All wall outlets in the garage shall be GFCI protected. At least one ceiling light is required for each bay, plus one outside light at each exterior service door and one light on each side of the overhead doors.

R. Dedicated Circuits: A dedicated circuit is an individual branch circuit that supplies only one piece of utilization equipment. Heating and cooling systems, sump pumps, sewage ejectors, washers and dryers shall be installed on their own separate dedicated circuits. A single receptacle is

required for pumps and ejectors. Provide a readily accessible on-off switch on heating and cooling systems. GFCI protection is not required on dedicated circuits.

S. Plaster Rings: All plaster rings shall be for five-eighths inch ($\frac{5}{8}$ ") gypsum board.

Plaster rings at garage ceilings shall be for one and one-fourth inch ($1\frac{1}{4}$ ") gypsum board, when there is habitable space, a closet or storage room above the garage.

T. Low Voltage Wiring In Commercial Buildings: "Low voltage wiring" shall be defined as wires/cables which are used for fire alarms, burglar alarms, telephone, intercoms, security systems, computer cable, CATV, doorbells, thermostats and the like.

1. Plenum Rated: All low voltage wiring shall be "plenum rated", cables or wires.
2. Concealed Areas: When concealed, low voltage wiring/cables are not required to be in conduit. "Concealed" shall be defined as follows:
 - a. Located within a gypsum board partition;
 - b. Located within a floor/ceiling assembly in which the ceiling is gypsum board, suspended acoustical ceiling panel and grid, or similar;
 - c. Located in a tray or runway that is located above the bottom cord of bar joists in a warehouse space.
3. Exposed Areas: Low voltage wiring is required to be in EMT conduit in all exposed areas, in the interior of a building and rigid conduit on the exterior of buildings.

Some examples of exposed areas are as follows:

- a. Vertically on a wall and not concealed in the wall;
- b. Horizontal runs which are below the top of the bar joists or ceiling assembly;
- c. Any location where one can see the wires.

Exception: Low voltage wires may run exposed at the top or bottom of the bar joists providing that the wires are bundled with ties and that proper hangers are installed at regular intervals to prevent sagging, or installed on cable trays.

U. Low Voltage Wiring In Single-Family Dwellings And Townhouses: Low voltage wiring and cables are not required to be in conduit for single-family homes and townhomes and are not required to be plenum rated. (Ord. 0-06-50, 12-18-2006, eff. 1-6-2007)

4-4A-3: PENALTY:

Any person violating any provision of this chapter shall be fined not less than twenty five dollars (\$25.00) nor more than seven hundred fifty dollars (\$750.00) for each offense; and a separate offense shall be deemed committed on each day during or on which a violation occurs or continues. (Ord. 0-78-2, 1-16-1978)

Chapter 4B

PROPERTY MAINTENANCE CODE

4-4B-1: ADOPTION OF CODE:

4-4B-2: ADDITIONS AND AMENDMENTS TO CODE:

4-4B-3: PENALTY:

4-4B-1: ADOPTION OF CODE:

A certain document, entitled the International Property Maintenance Code, 2012 edition, and all appendices thereto, published by the International Code Council, is hereby adopted as the property maintenance code of the city of Prospect Heights. Three (3) copies of the document shall be kept on file with the city clerk. (Ord. 0-06-50, 12-18-2006, eff. 1-6-2007)

4-4B-2: ADDITIONS AND AMENDMENTS TO CODE:

International Property Maintenance Code, 2012 edition, and all appendices thereto, published by the International Code Council is amended as follows:

A. Governing Principles:

1. The City Of Prospect Heights Amendments: The city of Prospect Heights amendments to the IBC, the IRC, other amendments, the zoning ordinance and municipal ordinances shall supersede all sections of all of the adopted codes.
2. Conflicts: Whenever two (2) codes are in conflict, the more stringent requirement shall govern.

B. Specific Amendments:

Section 101.1 Title

These regulations shall be known as the Property Maintenance Code Of The City Of Prospect Heights, hereinafter referred to as "this code".

Section 103.5 Fees

See city code for applicable fees.

Section 302.4: Grass and Weeds. All premises and exterior property shall be kept free from weeds or plant growth in excess of eight (8) inches. All noxious weeds shall be prohibited. Weeds shall be defined as all non-native plantings or all non-ornamental grasses, annual plants and vegetation, other than trees or shrubs: provided however, this term shall not include cultivated flowers, gardens, or natural landscaping.

Section 302.09: Defacement of Property/ Graffiti Removal:

- A. For the purposes of this Section, the term "graffiti" shall mean the inscription on a wall, fence, sign, other structure, sidewalk, pavement, post, stone, tree or other natural object by carving, application of paint or other substance, or other means of any symbol (including any letter, word, numeral, emblem or combination thereof), picture or other character placed thereon, other than as permitted by the ordinances of the City. (Ord. 0-90-52, 11-5-1990)
- B. It shall be unlawful for the owner of the real property on which is located any structure, improvement or object on which any graffiti is placed to fail to remove, cover or otherwise eradicate such graffiti within seven (7) working days from its placement on his property. In the event the owner fails to remove, cover or otherwise eradicate the graffiti within such time, the Code Enforcement Officer shall cause notice to be served, either by personal service on the owner or his agent or mailed by certified mail to the person to whom was sent the tax bill for the general taxes for the last preceding year, which notice shall state a date, no less than seven (7) days later than the date of personal service or mailing to remove, cover or otherwise eradicate such graffiti shall be subject to penalty, after which the City will invoke the remedies provided in this Section. (Ord. 0-94-50, 11-21-1994)

Section 302.10 Outside Storage Prohibited: No household items, motorized machinery or equipment, bicycle parts, items for sale, goods, inventory, or equipment or other items, which may be similar, shall be stored outside of a fully enclosed *structure* unless otherwise authorized by this Code. All exterior properties and premises shall be maintained in a clean, safe and sanitary condition, free of rubbish, debris, and waste matter.

Section 302.11 Bicycles, grills, and refuse, recycling and yard waste containers: if stored outside, shall not be placed in plain view from a public street nor be a nuisance to any adjacent property. Proper concealment methods include: solid brick and/or wood enclosures or intense landscaping that is effective during all seasons. This paragraph shall not apply to the wheeled carts listed as approved receptacles and regulated in Chapter 8.08 of the Carpentersville Municipal Code when stored in the side or rear yard.

Section 302.12 REMOVAL OF DEAD, DYING OR DISEASED TREES OR LIMBS:

- (a) Where the Director of Building & Development and City Arborist appears in this section, it shall mean the Director, City Arborist or authorized designee.
- (b) The owner of a lot or parcel of land containing any dead, dying or diseased trees, which constitute a hazard to persons or property, or any dead, dying or diseased limbs, which constitute a hazard to persons or property, shall remove promptly such trees and limbs when required to do so by the Director of Building & Development or City Arborist.
- (c) Notice to remove said trees and limbs shall be served upon the owner shall cause said trees and limbs to be removed upon receipt of such notice.

If the hazard constitutes an immediate public safety concern, the Department of Public Works may perform the necessary removal work immediately and all costs incurred therefor shall be assessed against the owner.

(d) If an owner fails to remove said trees and limbs within 15 days after receipt of notice to remove served pursuant to this Section, the Department of Public Works may perform the necessary removal and all costs incurred therefor shall be assessed against the owner.

Section 304.3 Premises Identification

Address numbers are required and shall be a minimum of 6 (six) inches high with a minimum stroke width of 0.5 inch.

Section 304.14 Insect Screens

During the period January 1 to December 31, insect screens shall be provided as necessary.

Section 304.20 Holiday Decorations:

Decorations on private property clearly incidental and customary and commonly associated with national, local or religious holidays, provided they shall be displayed as follows:

- a) Holidays between March 1st and November 14, shall not be placed more than 30 days prior to the holiday and shall be removed no later than 30 days after the holiday.
- b) Holidays between November 15 and the last day of February, shall not be placed more than 45 days prior to the holiday and shall be removed no later than 45 days after the holiday.

Section 602.3 Minimum Heating Standards for Single Family Residential Buildings:

Heat Supply: A minimum temperature of 68 degrees Fahrenheit shall be provided at all times from October 1 to April 15 in place of [Date] to [Date].

Delete: Exception #2.

Add Section 602.3.1: Minimum Heating Standards for Multi-Unit Residential Buildings:

Every owner or manager of any residential building with two (2) or more dwelling units located within the city shall maintain, or otherwise make available for optional use by any tenant or occupant, sufficient heat for a minimum temperature of sixty five degrees Fahrenheit (65°F) in all habitable rooms, bathrooms and hallways located within each dwelling unit at all times between October 1 and April 30. Should the outside temperature fall below fifty degrees Fahrenheit (50°F) at any other time of the year at the official weather station at O'Hare airport, the provisions of the previous sentence will apply. (Ord. 0-95-66, 12-18-1995)

It shall be the duty of the building official to enforce the provisions of this section. Any owner or manager of any building or part thereof that is found to be in violation of the provisions of this section shall be subject to a penalty of not less than twenty five dollars (\$25.00) nor more than five hundred dollars (\$500.00) for each and every offense and a separate offense shall be deemed committed on each day a violation occurs or continues to exist. (Ord. 0-95-66, 12-18-1995; amd. Ord. 0-05-23, 7-5-2005, eff. 7-17-2005)

Section 602.4 (Occupiable Work Spaces):

October 1 to April 15 in place of [Date] to [Date].

Chapter 8 - Referenced Standards

The referenced standards listed in chapter 8 of the International Property Maintenance Code, 2012 edition are hereby adopted by the city of Prospect Heights.
(Ord. 0-06-50, 12-18-2006, eff. 1-6-2007)

4-4B-3: PENALTY:

Any person violating any provision of this chapter shall be fined not less than twenty five dollars (\$25.00) nor more than seven hundred fifty (\$750.00) for each offense; and a separate offense shall be deemed committed on each day during or on which a violation occurs or continues.

Chapter 4C

FUEL GAS CODE

4-4C-1: ADOPTION OF CODE:

4-4C-2: ADDITIONS AND AMENDMENTS TO CODE:

4-4C-3: PENALTY:

4-4C-1: ADOPTION OF CODE:

A certain document, entitled the international fuel gas code, 2003 edition, and all appendices thereto, published by the International Code Council, is hereby adopted as the fuel gas code of the city of Prospect Heights. Three (3) copies of the document shall be kept on file with the city clerk. (Ord. 0-06-50, 12-18-2006, eff. 1-6-2007)

4-4C-2: ADDITIONS AND AMENDMENTS TO CODE:

International fuel gas code, 2003 edition, and all appendices thereto, published by the International Code Council is amended as follows:

A. The City Of Prospect Heights Amendments: The city of Prospect Heights amendments to the IBC, the IRC, other amendments, the zoning ordinance and municipal ordinances shall supersede all sections of all of the adopted model codes.

B. Conflicts: Whenever two (2) codes are in conflict, the more stringent requirement shall govern. (Ord. 0-06-50, 12-18-2006, eff. 1-6-2007)

4-4C-3: PENALTY:

Any person violating any provision of this chapter shall be fined not less than twenty five dollars (\$25.00) nor more than seven hundred fifty (\$750.00) for each offense; and a separate offense shall be deemed committed on each day during or on which a violation occurs or continues.

Chapter 4D

ENERGY CONSERVATION CODE

4-4D-1: ADOPTION OF CODE:

4-4D-2: ADDITIONS AND AMENDMENTS TO CODE:

4-4D-3: PENALTY:

4-4D-1: ADOPTION OF CODE:

A certain document, entitled the International Energy Conservation Code, 2015 edition and all appendices thereto, published by the International Code Council, is hereby adopted as the energy conservation code of the city of Prospect Heights. Three (3) copies of the document shall be kept on file with the city clerk. (Ord. 0-06-50, 12-18-2006, eff. 1-6-2007)

4-4D-2: ADDITIONS AND AMENDMENTS TO CODE:

International Energy Conservation Code, 2015 edition, and all appendices thereto, published by the International Code Council is amended as follows:

- A. The City Of Prospect Heights Amendments: The city of Prospect Heights amendments to the IBC, IRC and other amendments, the zoning ordinance and municipal ordinances shall supersede all sections of all of the adopted model codes.

4-4D-3: PENALTY:

Any person violating any provision of this chapter shall be fined not less than twenty five dollars (\$25.00) nor more than seven hundred fifty (\$750.00) for each offense; and a separate offense shall be deemed committed on each day during or on which a violation occurs or continues.

Chapter 10

INTERPRETATIONS; APPEALS:

- 4-10-1: **Authority**
- 4-10-2: **Purpose of Interpretations**
- 4-10-3: **Building Regulations Board of Appeals:**

4-10-1: Authority Of The Code Official: The code official may render interpretations of the provisions of this title and of any rule, regulation, or condition issued or imposed pursuant to it.

4-10-2: Purpose Of Interpretations: The interpretation authority established by this section is intended to recognize that the provisions of this title cannot possibly address every specific situation to which they may have to be applied. Many such situations, however, can be readily addressed by an interpretation of the specific provisions of this title in light of the general and specific purposes for which those provisions have been enacted. Because the interpretation authority herein established is an administrative rather than a legislative authority, it is not intended to add to or to change the essential content of this title, but rather is intended only to allow authoritative application of that content to specific cases.

- A. Procedure: Any person who seeks an interpretation must file a written application therefor with the building department stating specifically the title provisions at issue and the facts and circumstances related to such person's request for an interpretation. The code official will make a decision in writing on such interpretation and provide that written decision to the applicant within thirty (30) days after the application is filed. Any failure of the code official to act within thirty (30) days, or within such further time to which the applicant may agree, will be deemed to be a decision denying the application rendered on the day immediately after that thirty (30) day period.
- B. Appeal: A decision by the code official on an interpretation under this section, or on the application of a provision of this title, may be appealed to the City of Prospect Heights building regulations board of appeals by the filing of a written application for an appeal within ten (10) days after notice was served in the office of the City Administrator as specified below.

4-10-3: Building Regulations Board Of Appeals:

1. Board Created: There is hereby created the City of Prospect Heights building regulations board of appeals.
2. Membership: The building regulations board of appeals is composed of three (3) members appointed by the City of Prospect Heights City Administrator. In addition, the code official serves as an advisory member of the building regulations board of appeals. The members appointed by the City Administrator must have at least ten (10) years of experience working in one of the following fields:

- a. A builder or a superintendent of building construction.
 - b. A registered architect, structural engineer, mechanical engineer, or electrical engineer.
 - c. A registered design professional in the field of plumbing engineering.
 - d. A mechanical, plumbing or electrical contractor.
 - e. A fire protection contractor or a registered design professional in the field of fire protection engineering.
3. Appointed Terms: The three (3) members of the building regulations board of appeals appointed by the village manager will have a term of two (2) years or until their replacements have been appointed. The village manager may replace a member of the Build Regulations Board of Appeals at any time.
 4. Notices of Meetings: Within ten (10) days after an appeal has been filed pursuant to this section, the code official must set a date and time for a meeting. The meeting must take place within thirty (30) days after the appeal has been filed.
 5. Meeting Postponement: The appellant has the right to request one postponement of the meeting. If a request is made, then the code official must set the meeting for a date no more than thirty (30) days after the first established date.
 6. Meeting Procedures: The building regulations board of appeals may adopt procedures governing the procedure for its meetings. Those procedures must be consistent with the following standards:
 - a. The procedures need not require compliance with strict rules of evidence, but must mandate that only relevant information be received.
 - b. Meetings must be open to the public. There is no requirement that members of the public be allowed to speak at a meeting.
 - c. The appellant, the appellant's representative, the City, and any person whose interests are directly affected must be given an opportunity to be heard and may submit documents in support of their position.
 - d. At a meeting, the building regulations board of appeals may receive testimony and review documents and other relevant materials.
 - e. The code official may participate fully in all proceedings, but has no vote on any decision.
 7. Decisions: The building regulations board of appeals must issue a written decision within fifteen (15) days after the conclusion of the meeting on appeal. That decision must be transmitted promptly to the appellant. A failure of the board to issue a written decision within fifteen (15) days will be deemed a denial of the appeal. All decisions by the board of appeals are final.

Chapter 11

FIRE CODE

4-11-1: ADOPTION OF CODE:

4-11-2: ADDITIONS AND AMENDMENTS TO CODE:

4-11-3: AUTOMATIC FIRE SUPPRESSION SYSTEM:

4-11-4: PENALTY:

4-11-1: ADOPTION OF CODE:

A certain document, entitled the International Fire Code, 2012 edition, and all appendices thereto, published by the International Code Council, is hereby adopted as the fire code of the city of Prospect Heights. Three (3) copies of the document shall be kept on file with the city clerk. (Ord. 0-06-50, 12-18-2006, eff. 1-6-2007)

4-11-2: ADDITIONS AND AMENDMENTS TO CODE:

International Fire Code, 2012 edition, and all appendices thereto, published by the International Code Council is amended as follows:

A. The City Of Prospect Heights Amendments: The city of Prospect Heights amendments to the IBC, other amendments, the zoning ordinance and municipal ordinances shall supersede all sections of all of the adopted model codes.

B. Conflicts: Whenever two (2) codes are in conflict, the more stringent requirement shall govern.

C. Automatic Fire Suppression Requirements: The details outlining the requirements for the installation of automatic fire suppression systems are outlined in section 4-11-3 of this chapter.

4-11-3: AUTOMATIC FIRE SUPPRESSION SYSTEM:

A. Definitions: Unless otherwise expressly stated, definitions of terms used in this section shall be consistent with those meanings listed in the most current adopted codes of the city of Prospect Heights.

B. Automatic Sprinklers Required: An automatic sprinkler system shall be installed throughout all newly constructed buildings, structures or portions thereof regardless of occupancy classification, construction, square footage, or use groups for the purpose of life safety and property preservation.

- C. Exceptions: The following structures shall be exempt from the requirement of an automatic sprinkler system: 1) new commercial structures of less than five thousand (5,000) square feet, which are not an assembly use; and 2) detached garages, sheds, and accessory structures located not less than ten feet (10') from a principal structure, where the principal structure is a one- or two-family dwelling.
- D. Exempted Areas: The following areas shall be exempt from the requirement of an automatic sprinkler system: structures or rooms where the work operations, manufacture process, storage of products, or hazardous materials which contain water reactive agents as determined by the products' material safety data sheet or which would otherwise pose a public safety threat if exposed to water from an automatic sprinkler system. In such cases, the director of building and development may require an approved, nonwater based automatic fire suppression.
- E. Additions And Alterations: The following additions or alterations shall require the installation of an approved automatic sprinkler system: 1) additions that exceed fifty percent (50%) of the existing floor area of an existing structure; 2) alterations to an area of a structure in excess of fifty percent (50%) of the existing floor area of an existing structure; 3) any addition or alteration the cost of which is in excess of fifty percent (50%) of the Cook County assessor's opinion of value of the property; or 4) as determined by the city director of building and zoning and the fire marshal of the Prospect Heights fire protection district.
- F Existing Buildings: Except as otherwise provided in this subsection, buildings built under, and in full compliance with the codes in force at the time of construction or alteration thereof, and that have been properly maintained and used as originally permitted, shall be exempt from this section. No change or alteration shall be made to any building or structure, whether new or existing, except in conformity with the provisions of this section, and no change of classification or occupancy, whether necessitating a physical alteration or not, shall be made in any existing building or structure, unless such building or structure is brought into conformance with the requirements of this section which apply to new buildings or the proposed new use.
- G Drainage Required: Provisions shall be made for the discharge of the overflow of water on every story of a sprinkled building. A minimum of one 4-inch floor drain or other approved means shall be provided and located at least eight feet (8') away from columns and walls for every five thousand (5,000) square feet or fraction thereof. The installation of floor drains must comply with the current plumbing codes.

4-11-4: PENALTY:

Any person violating any provision of this chapter shall be fined not less than twenty five dollars (\$25.00) nor more than seven hundred fifty (\$750.00) for each offense; and a separate offense shall be deemed committed on each day during or on which a violation occurs or continues.

Chapter 12

EXISTING STRUCTURES CODE

4-12-1: ADOPTION OF EXISTING STRUCTURES CODE:

4-12-2: ADDITIONS, INSERTIONS AND CHANGES:

4-12-3: PENALTY:

4-12-1: ADOPTION OF EXISTING STRUCTURES CODE:

A certain document, entitled the International Existing Building Code, 2012 edition, and all appendices thereto, published by the International Code Council, is hereby adopted as the existing building code of the city of Prospect Heights. Three (3) copies of the document shall be kept on file with the city clerk. (Ord. 0-06-50, 12-18-2006, eff. 1-6-2007)

4-12-2: ADDITIONS, INSERTIONS AND CHANGES:

4-12-4: PENALTY:

Any person violating any provision of this chapter shall be fined not less than twenty five dollars (\$25.00) nor more than seven hundred fifty dollars (\$750.00) for each offense; and a separate offense shall be deemed committed on each day during or on which a violation occurs or continues. (Ord. 0-78-2, 1-16-1978)

2/25/19 WARRANT LIST

Checks

General Fund	\$	93,848.35
Motor Fuel Tax Fund		-
Palatine/Milwaukee Tax Increment Financing District		-
Tourism District		429.05
Development Fund		-
Drug Enforcement Agency Fund		12,992.21
Solid Waste Fund		27,484.34
Special Service Area #1		-
Special Service Area #2		-
Special Service Area #3		-
Special Service Area #4		-
Special Service Area #5		279.95
Special Service Area #8 - Levee Wall #37		-
Special Service Area-Constr#6(Water Main)		-
Special Service Area-Debt#6		-
Capital Improvements		16,650.00
Palatine Road Tax Increment Financing		-
Road Construction		-
Road Construction Debt		-
Water Fund		28,217.50
Parking Fund		605.02
Sanitary Sewer Fund		944.35
Road/Building Bond Escrow		2,871.00
TOTAL	\$	184,321.77

Wire Payments

2/15/19 PAYROLL POSTING		144,812.40
POLICE PENSION PAYMENTS		33,808.81
	\$	362,942.98

Report Criteria:

Detail report.

Invoices with totals above \$0.00 included.

Paid and unpaid invoices included.

Vendor Name	Invoice Number	Description	Invoice Date	GL Account Number	Net Invoice Amt	Amount Paid	Date Paid
A-1 QUALITY WELDING, INC	10374	PW SUPPLIES	02/07/2019	01-350-5710	350.00	.00	
Total A-1 QUALITY WELDING, INC:					350.00	.00	
BEVERLY SCHULZE	18-345	ROAD BOND REFUND	02/14/2019	72-000-2310	2,343.00	.00	
Total BEVERLY SCHULZE:					2,343.00	.00	
CHICAGO PARTS AND SOUND L	1-0051118	SQUAD CAR MAINTENANCE	02/08/2019	01-350-5020	42.36	.00	
Total CHICAGO PARTS AND SOUND LLC:					42.36	.00	
COM ED	02/12/19	IRIGATION SYSTEM	02/12/2019	13-300-5108	34.50	.00	
COM ED	02-12-19	IRIGATION SYSTEM	02/12/2019	13-300-5108	45.51	.00	
COM ED	2/12/19	218 FAIRWAY CT	02/12/2019	51-300-5410	28.75	.00	
COM ED	2-12-19	11 E. CAMP MCDONALD RD	02/12/2019	01-320-5410	35.92	.00	
Total COM ED:					144.68	.00	
CONSTELLATION NEWENERGY	14198274201	8285845	02/04/2019	51-300-5410	394.49	.00	
CONSTELLATION NEWENERGY	14236745601	8285854	02/07/2019	01-350-5411	167.31	.00	
CONSTELLATION NEWENERGY	14277455001	8285855	02/13/2019	52-300-5410	142.76	.00	
CONSTELLATION NEWENERGY	14277529001	8285852	02/13/2019	25-300-5050	41.33	.00	
CONSTELLATION NEWENERGY	14277541001	8285846	02/13/2019	52-300-5410	193.11	.00	
CONSTELLATION NEWENERGY	14277584401	8285847	02/13/2019	25-300-5050	101.58	.00	
CONSTELLATION NEWENERGY	14277590101	8285848	02/13/2019	52-300-5410	269.15	.00	
CONSTELLATION NEWENERGY	14277590301	8285849	02/13/2019	25-300-5050	137.04	.00	
CONSTELLATION NEWENERGY	14277592601	8285850	02/13/2019	01-350-5411	51.01	.00	
Total CONSTELLATION NEWENERGY INC.:					1,497.78	.00	
CORE & MAIN LP	K116045	SYSTEM MAINTENANCE	02/07/2019	51-300-5050	990.00	.00	
Total CORE & MAIN LP:					990.00	.00	
DAILY HERALD	2/7/19	SUBSCRIPTION	02/07/2019	01-360-5820	128.80	.00	
DAILY HERALD	390	PUBLIC NOTICE	01/23/2019	01-320-5222	97.20	.00	
Total DAILY HERALD:					226.00	.00	
DANIEL SAVAS	2/10/19	FUEL REIMBURSEMENT FOR A	02/10/2019	01-360-5751	20.14	.00	
Total DANIEL SAVAS:					20.14	.00	
DEKIND COMPUTER CONSULT	25795	PD WORKSTATIONS	02/12/2019	16-500-7020	12,992.21	.00	
Total DEKIND COMPUTER CONSULTANTS:					12,992.21	.00	
DELTA DENTAL OF ILLINOIS	1218257	DENTAL INSURANCE	02/20/2019	01-370-4101	28.67	.00	
Total DELTA DENTAL OF ILLINOIS:					28.67	.00	
EVIDENT INC	141267A	FINGERPRINTING EQUIPMENT	02/07/2019	01-360-7022	829.91	.00	

Vendor Name	Invoice Number	Description	Invoice Date	GL Account Number	Net Invoice Amt	Amount Paid	Date Paid
Total EVIDENT INC:					829.91	.00	
IL DEPT OF TRANSPORTATION	55286	IDOT TRAFFIC SIGNAL MAINT.	02/01/2019	01-350-5031	2,343.90	.00	
Total IL DEPT OF TRANSPORTATION:					2,343.90	.00	
IL MUNICIPAL LEAGUE	2/20/19	CITY MEMBERSHIP DUES	02/20/2019	01-310-5310	1,500.00	.00	
Total IL MUNICIPAL LEAGUE:					1,500.00	.00	
ILLINOIS DEPARTMENT OF EM	2/9/19	UNEMPLOYMENT	02/09/2019	01-360-4120	4,460.31	.00	
Total ILLINOIS DEPARTMENT OF EMPLOYMENT:					4,460.31	.00	
ILLINOIS PUBLIC RISK FUND	52032	APRIL WORKERMAN'S COMP	02/15/2019	01-320-5530	255.52	.00	
ILLINOIS PUBLIC RISK FUND	52032	APRIL WORKMAN'S COMP	02/15/2019	01-340-5530	295.66	.00	
ILLINOIS PUBLIC RISK FUND	52032	APRIL WORKMAN'S COMP	02/15/2019	01-350-5530	1,249.11	.00	
ILLINOIS PUBLIC RISK FUND	52032	APRIL WORKMAN'S COMP	02/15/2019	01-360-5530	8,463.95	.00	
ILLINOIS PUBLIC RISK FUND	52032	APRIL WORKMAN'S COMP	02/15/2019	51-300-5530	217.41	.00	
ILLINOIS PUBLIC RISK FUND	52032	APRIL WORKMAN'S COMP	02/15/2019	53-300-5530	54.35	.00	
Total ILLINOIS PUBLIC RISK FUND:					10,536.00	.00	
ILLINOIS STATE POLICE	1/31/19	LIQUOR LICENSE BACKGROUN	01/31/2019	01-320-5100	56.50	.00	
Total ILLINOIS STATE POLICE:					56.50	.00	
ILLINOIS-AMERICAN WATER C	2/12/19	1025-210004321674	02/12/2019	51-300-5412	22,485.68	.00	
ILLINOIS-AMERICAN WATER C	2/4/19	1025-220011635316	02/04/2019	13-300-5108	174.38	.00	
ILLINOIS-AMERICAN WATER C	2-6-19	1025-220011635309	02/06/2019	13-300-5108	174.66	.00	
Total ILLINOIS-AMERICAN WATER CO.:					22,834.72	.00	
IUOE LOCAL 150 ADMIN	#150 A 02/15/1	LOCAL 150 ADMIN DUES	02/15/2019	01-000-2050	312.29	.00	
IUOE LOCAL 150 ADMIN	#150 A 3/1/19	LOCAL 150 ADMIN DUES	02/20/2019	01-000-2050	312.29	.00	
Total IUOE LOCAL 150 ADMIN:					624.58	.00	
IUOE LOCAL 150 MEMBERSHIP	#150 M 02/15/1	LOCAL 150 MEMBERSHIP DUES	02/15/2019	01-000-2050	58.85	.00	
IUOE LOCAL 150 MEMBERSHIP	#150 M 03/1/19	LOCAL 150 MEMBERSHIP DUES	02/20/2019	01-000-2050	58.85	.00	
Total IUOE LOCAL 150 MEMBERSHIP:					117.70	.00	
JG UNIFORMS INC	49590	PD UNIFORM	02/04/2019	01-360-5741	71.00	.00	
JG UNIFORMS INC	49629	PD UNIFORM	02/05/2019	01-360-5741	55.00	.00	
JG UNIFORMS INC	49699	PD UNIFORM	02/06/2019	01-360-5741	70.00	.00	
JG UNIFORMS INC	50779	PD UNIFORM	12/14/2018	01-360-5741	126.00	.00	
Total JG UNIFORMS INC:					322.00	.00	
JOE KRON	2/18/19	PW TRAINING	02/18/2019	51-300-5330	114.00	.00	
Total JOE KRON:					114.00	.00	
KOSCO FLAGS & FLAGPOLES,	18978	FLAGS	02/05/2019	01-320-5721	1,221.00	.00	

Vendor Name	Invoice Number	Description	Invoice Date	GL Account Number	Net Invoice Amt	Amount Paid	Date Paid
Total KOSCO FLAGS & FLAGPOLES, LLC:					1,221.00	.00	
LAVELLE LAW LTD	169882	LEGAL SERVICE	02/04/2019	01-324-5125	1,812.24	.00	
Total LAVELLE LAW LTD:					1,812.24	.00	
LAYSTROM-BUESCHER INC	26555	PW OPERATING SUPPLIES	01/14/2019	01-350-5710	4.00	.00	
Total LAYSTROM-BUESCHER INC:					4.00	.00	
LEE JENSEN SALES CO INC	271768	WATER EQUIPMENT	02/06/2019	51-500-7020	2,650.00	.00	
Total LEE JENSEN SALES CO INC:					2,650.00	.00	
METROPOLITAN ALLIANCE OF	#252 3/2019	MAP #252 DUES	02/20/2019	01-000-2052	576.00	.00	
METROPOLITAN ALLIANCE OF	#253 3/2019	MAP #253 DUES	02/20/2019	01-000-2052	180.00	.00	
Total METROPOLITAN ALLIANCE OF POLICE:					756.00	.00	
METROPOLITAN INDUSTRIES I	INV002322	DATA SERVICE	01/15/2019	51-300-5100	100.00	.00	
Total METROPOLITAN INDUSTRIES INC:					100.00	.00	
MICHAL ZMOJDZIN	18-19	ROAD BOND REFUND	02/13/2019	72-000-2310	528.00	.00	
Total MICHAL ZMOJDZIN:					528.00	.00	
NORTH SHORE SIGN	119007	SIGN MAINTENANCE FEE	02/01/2019	01-320-5100	38.00	.00	
Total NORTH SHORE SIGN:					38.00	.00	
NORTH SUBURBAN EMPLOYEE	3-19	VISION INSURANCE	02/20/2019	01-360-4100	28.00	.00	
Total NORTH SUBURBAN EMPLOYEE BENEFIT COOPERAT:					28.00	.00	
OPP FRANCHISING INC. DBA JA	CHC04181335	CREDIT MEMO	05/01/2018	01-350-5104	646.85-	.00	
Total OPP FRANCHISING INC. DBA JANI-KING IL:					646.85-	.00	
PDC LABORATORIES INC	I9348236	WATER TESTING	11/30/2018	51-300-5100	73.50	.00	
PDC LABORATORIES INC	I9355157	WATER TESTING	01/31/2019	51-300-5100	73.50	.00	
Total PDC LABORATORIES INC:					147.00	.00	
PERSONNEL STRATEGIES LLC	12/20/18	PSYCHOLOGICAL ASSESSMEN	12/20/2018	01-360-5100	1,500.00	.00	
Total PERSONNEL STRATEGIES LLC:					1,500.00	.00	
RACEWAY CAR WASH	135	CAR WASH	02/07/2019	01-360-5321	42.00	.00	
Total RACEWAY CAR WASH:					42.00	.00	
READY PRESS LLC	81798	ENVELOPES	02/08/2019	01-320-5221	175.00	.00	
READY PRESS LLC	81800	BUSINESS CARDS	02/08/2019	01-360-5221	80.00	.00	
Total READY PRESS LLC:					255.00	.00	

Vendor Name	Invoice Number	Description	Invoice Date	GL Account Number	Net Invoice Amt	Amount Paid	Date Paid
RUSH TRUCK CENTER	3013769530	VEHICLE MAINTENANCE	02/07/2019	01-350-5020	385.00	.00	
Total RUSH TRUCK CENTER:					385.00	.00	
RUSSO POWER EQUIPMENT IN	5657085	TOOLS	02/07/2019	01-350-5730	169.78	.00	
RUSSO POWER EQUIPMENT IN	5663792	TOOLS	02/11/2019	01-350-5730	12.90	.00	
RUSSO POWER EQUIPMENT IN	5663794	TOOLS	02/11/2019	01-350-5730	355.95	.00	
Total RUSSO POWER EQUIPMENT INC.:					538.63	.00	
S D ENTERPRISES INC	2/7/19	SANITARY SEWER INSPECTION	02/07/2019	53-300-5100	890.00	.00	
Total S D ENTERPRISES INC:					890.00	.00	
SAFEBUILT - ILLINOIS	0055304-IN	PLAN REVIEW	01/31/2019	01-340-5100	127.14	.00	
SAFEBUILT - ILLINOIS	0055305-IN	BUILDING INSPECTION	01/31/2019	01-340-5100	565.50	.00	
Total SAFEBUILT - ILLINOIS:					692.64	.00	
SCOT DECAL COMPANY INC	26222	BUSINESS/VENDING DECALS	02/14/2019	01-320-5221	822.75	.00	
Total SCOT DECAL COMPANY INC:					822.75	.00	
SEAN HEBER	2/18/19	PW TRAINING	02/18/2019	51-300-5330	114.00	.00	
Total SEAN HEBER:					114.00	.00	
SOLID WASTE AGENCY	6133	O&M COSTS	02/20/2019	17-300-5420	27,484.34	.00	
Total SOLID WASTE AGENCY:					27,484.34	.00	
STREICHER'S	I1352168	PD UNIFORM	02/07/2019	01-360-5741	258.00	.00	
STREICHER'S	I1352182	PD UNIFORM	02/07/2019	01-360-5741	125.00	.00	
Total STREICHER'S:					383.00	.00	
TAYLOR PLUMBING INC.	5910	BACKFLOW TESTING	02/19/2019	01-350-5104	231.90	.00	
Total TAYLOR PLUMBING INC.:					231.90	.00	
TONYS FINER FOODS ENTERP	2/11/19	4TH QTR 2018 TAX INCENTIVE	02/11/2019	01-380-5975	42,038.07	.00	
Total TONYS FINER FOODS ENTERPRISES INC:					42,038.07	.00	
TRESSLER LLP	400286	LEGAL SERVICES	02/08/2019	01-324-5120	17,175.00	.00	
Total TRESSLER LLP:					17,175.00	.00	
UNIFIRST CORPORATION	0811357960	PW UNIFORM	02/08/2019	01-350-5104	106.84	.00	
Total UNIFIRST CORPORATION:					106.84	.00	
VERIZON WIRELESS	9823266175	MONTHLY SERVICE	02/01/2019	01-320-5410	131.68	.00	
VERIZON WIRELESS	9823266175	MONTHLY SERVICE	02/01/2019	01-360-5410	400.17	.00	
VERIZON WIRELESS	9823266175	MONTHLY SERVICE	02/01/2019	51-300-5410	56.10	.00	
VERIZON WIRELESS	9823266175	MONTHLY SERVICE	02/01/2019	01-350-5410	280.50	.00	

Vendor Name	Invoice Number	Description	Invoice Date	GL Account Number	Net Invoice Amt	Amount Paid	Date Paid
Total VERIZON WIRELESS:					868.45	.00	
VILLAGE OF MOUNT PROSPEC	2/15/19	3287-001	02/15/2019	51-300-5412	291.93	.00	
VILLAGE OF MOUNT PROSPEC	2-15-19	3288-001	02/15/2019	51-300-5412	628.14	.00	
Total VILLAGE OF MOUNT PROSPECT:					920.07	.00	
VISO GRAPHIC INC	217778	PRINTING	02/07/2019	01-360-5221	1,253.19	.00	
Total VISO GRAPHIC INC:					1,253.19	.00	
WAREHOUSE DIRECT OFFICE	4183687-0	OFFICE SUPPLIES	02/05/2019	01-320-5700	15.51	.00	
WAREHOUSE DIRECT OFFICE	4184365-0	OFFICE SUPPLIES	02/05/2019	01-320-5700	67.76	.00	
WAREHOUSE DIRECT OFFICE	4187055-0	OFFICE SUPPLIES	02/07/2019	01-320-5700	176.91	.00	
WAREHOUSE DIRECT OFFICE	4190360-0	OFFICE SUPPLIES	02/11/2019	01-320-5700	23.21	.00	
WAREHOUSE DIRECT OFFICE	4191388-0	OFFICE SUPPLIES	02/11/2019	01-320-5700	13.94	.00	
WAREHOUSE DIRECT OFFICE	4196327-0	OFFICE SUPPLIES	02/15/2019	01-320-5700	14.49	.00	
WAREHOUSE DIRECT OFFICE	4196332-0	OFFICE SUPPLIES	02/15/2019	01-320-5700	67.76	.00	
Total WAREHOUSE DIRECT OFFICE PROD INC.:					379.58	.00	
XTIVITY SOLUTIONS INC.	1412	PHONE AND INTERNET SERVIC	01/21/2019	01-320-5410	1,074.54	.00	
XTIVITY SOLUTIONS INC.	1417	PHONE AND INTERNET SERVIC	01/01/2019	01-360-5410	1,226.00	.00	
XTIVITY SOLUTIONS INC.	1418	SERVICE AND SECURITY SUPP	01/01/2019	01-320-5410	750.00	.00	
XTIVITY SOLUTIONS INC.	1424	PD WIRELESS SURVEILLANCE	02/01/2019	30-550-7021	16,650.00	.00	
XTIVITY SOLUTIONS INC.	1429	PHONE AND INTERNET SERVIC	02/05/2019	01-320-5410	1,612.86	.00	
XTIVITY SOLUTIONS INC.	CM 1386	CREDIT MEMO	11/20/2018	01-320-5410	1,090.86-	.00	
XTIVITY SOLUTIONS INC.	CM 1399	CREDIT MEMO	12/12/2018	01-320-5410	993.08-	.00	
Total XTIVITY SOLUTIONS INC.:					19,229.46	.00	
Grand Totals:					184,321.77	.00	

Dated: _____

Mayor: _____

City Council: _____

City Recorder: _____

Vendor Name	Invoice Number	Description	Invoice Date	GL Account Number	Net Invoice Amt	Amount Paid	Date Paid
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Report Criteria:

Detail report.

Invoices with totals above \$0.00 included.

Paid and unpaid invoices included.

GL Account and Title	Vendor Name	Invoice Number	Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Paid
GENERAL FUND							
01-000-2050 W/H LOCAL 150 UNION	IUOE LOCAL 150 ADMIN	#150 A 02/15/1	LOCAL 150 ADMIN DUES	02/15/2019	312.29	.00	
01-000-2050 W/H LOCAL 150 UNION	IUOE LOCAL 150 ADMIN	#150 A 3/1/19	LOCAL 150 ADMIN DUES	02/20/2019	312.29	.00	
01-000-2050 W/H LOCAL 150 UNION	IUOE LOCAL 150 MEMBERSHIP	#150 M 02/15/1	LOCAL 150 MEMBERSHIP DUES	02/15/2019	58.85	.00	
01-000-2050 W/H LOCAL 150 UNION	IUOE LOCAL 150 MEMBERSHIP	#150 M 03/1/19	LOCAL 150 MEMBERSHIP DUES	02/20/2019	58.85	.00	
01-000-2052 WITHHOLDING POLICE U	METROPOLITAN ALLIANCE OF	#252 3/2019	MAP #252 DUES	02/20/2019	576.00	.00	
01-000-2052 WITHHOLDING POLICE U	METROPOLITAN ALLIANCE OF	#253 3/2019	MAP #253 DUES	02/20/2019	180.00	.00	
Total :					1,498.28	.00	
CITY COUNCIL & BOARDS							
01-310-5310 MEMBERSHIPS	IL MUNICIPAL LEAGUE	2/20/19	CITY MEMBERSHIP DUES	02/20/2019	1,500.00	.00	
Total CITY COUNCIL & BOARDS:					1,500.00	.00	
ADMINISTRATION							
01-320-5100 PROFESSIONAL SERVIC	ILLINOIS STATE POLICE	1/31/19	LIQUOR LICENSE BACKGROUN	01/31/2019	56.50	.00	
01-320-5100 PROFESSIONAL SERVIC	NORTH SHORE SIGN	119007	SIGN MAINTENANCE FEE	02/01/2019	38.00	.00	
01-320-5221 PRINTING	READY PRESS LLC	81798	ENVELOPES	02/08/2019	175.00	.00	
01-320-5221 PRINTING	SCOT DECAL COMPANY INC	26222	BUSINESS/VENDING DECALS	02/14/2019	822.75	.00	
01-320-5222 LEGAL NOTICES	DAILY HERALD	390	PUBLIC NOTICE	01/23/2019	97.20	.00	
01-320-5410 UTILITIES	COM ED	2-12-19	11 E. CAMP MCDONALD RD	02/12/2019	35.92	.00	
01-320-5410 UTILITIES	VERIZON WIRELESS	9823266175	MONTHLY SERVICE	02/01/2019	131.68	.00	
01-320-5410 UTILITIES	XTIVITY SOLUTIONS INC.	1412	PHONE AND INTERNET SERVIC	01/21/2019	1,074.54	.00	
01-320-5410 UTILITIES	XTIVITY SOLUTIONS INC.	1418	SERVICE AND SECURITY SUPP	01/01/2019	750.00	.00	
01-320-5410 UTILITIES	XTIVITY SOLUTIONS INC.	1429	PHONE AND INTERNET SERVIC	02/05/2019	1,612.86	.00	
01-320-5410 UTILITIES	XTIVITY SOLUTIONS INC.	CM 1386	CREDIT MEMO	11/20/2018	1,090.86-	.00	
01-320-5410 UTILITIES	XTIVITY SOLUTIONS INC.	CM 1399	CREDIT MEMO	12/12/2018	993.08-	.00	
01-320-5530 WORKERS COMPENSATI	ILLINOIS PUBLIC RISK FUND	52032	APRIL WORKERMAN'S COMP	02/15/2019	255.52	.00	
01-320-5700 OFFICE SUPPLIES	WAREHOUSE DIRECT OFFICE	4183687-0	OFFICE SUPPLIES	02/05/2019	15.51	.00	
01-320-5700 OFFICE SUPPLIES	WAREHOUSE DIRECT OFFICE	4184365-0	OFFICE SUPPLIES	02/05/2019	67.76	.00	
01-320-5700 OFFICE SUPPLIES	WAREHOUSE DIRECT OFFICE	4187055-0	OFFICE SUPPLIES	02/07/2019	176.91	.00	
01-320-5700 OFFICE SUPPLIES	WAREHOUSE DIRECT OFFICE	4190360-0	OFFICE SUPPLIES	02/11/2019	23.21	.00	
01-320-5700 OFFICE SUPPLIES	WAREHOUSE DIRECT OFFICE	4191388-0	OFFICE SUPPLIES	02/11/2019	13.94	.00	
01-320-5700 OFFICE SUPPLIES	WAREHOUSE DIRECT OFFICE	4196327-0	OFFICE SUPPLIES	02/15/2019	14.49	.00	
01-320-5700 OFFICE SUPPLIES	WAREHOUSE DIRECT OFFICE	4196332-0	OFFICE SUPPLIES	02/15/2019	67.76	.00	
01-320-5721 SIGNS	KOSCO FLAGS & FLAGPOLES,	18978	FLAGS	02/05/2019	1,221.00	.00	
Total ADMINISTRATION:					4,566.61	.00	

GL Account and Title	Vendor Name	Invoice Number	Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Paid
LEGAL							
01-324-5120 CITY ATTORNEY	TRESSLER LLP	400286	LEGAL SERVICES	02/08/2019	17,175.00	.00	
01-324-5125 OUTSIDE COUNSEL	LAVELLE LAW LTD	169882	LEGAL SERVICE	02/04/2019	1,812.24	.00	
Total LEGAL:					18,987.24	.00	
BUILDING DEPARTMENT							
01-340-5100 PROFESSIONAL SERVIC	SAFEUILT - ILLINOIS	0055304-IN	PLAN REVIEW	01/31/2019	127.14	.00	
01-340-5100 PROFESSIONAL SERVIC	SAFEUILT - ILLINOIS	0055305-IN	BUILDING INSPECTION	01/31/2019	565.50	.00	
01-340-5530 WORKERS COMPENSATI	ILLINOIS PUBLIC RISK FUND	52032	APRIL WORKMAN'S COMP	02/15/2019	295.66	.00	
Total BUILDING DEPARTMENT:					988.30	.00	
PUBLIC WORKS							
01-350-5020 VEHICLE MAINTENANCE	CHICAGO PARTS AND SOUND L	1-0051118	SQUAD CAR MAINTENANCE	02/08/2019	42.36	.00	
01-350-5020 VEHICLE MAINTENANCE	RUSH TRUCK CENTER	3013769530	VEHICLE MAINTENANCE	02/07/2019	385.00	.00	
01-350-5031 SIGNAL MAINTENANCE	IL DEPT OF TRANSPORTATION	55286	IDOT TRAFFIC SIGNAL MAINT.	02/01/2019	2,343.90	.00	
01-350-5104 PROF SERVICES - BUILD	OPP FRANCHISING INC. DBA JA	CHC04181335	CREDIT MEMO	05/01/2018	646.85-	.00	
01-350-5104 PROF SERVICES - BUILD	TAYLOR PLUMBING INC.	5910	BACKFLOW TESTING	02/19/2019	231.90	.00	
01-350-5104 PROF SERVICES - BUILD	UNIFIRST CORPORATION	0811357960	PW UNIFORM	02/08/2019	106.84	.00	
01-350-5410 UTILITIES	VERIZON WIRELESS	9823266175	MONTHLY SERVICE	02/01/2019	280.50	.00	
01-350-5411 WATER AND ELECTRIC P	CONSTELLATION NEWENERGY	14236745601	8285854	02/07/2019	167.31	.00	
01-350-5411 WATER AND ELECTRIC P	CONSTELLATION NEWENERGY	14277592601	8285850	02/13/2019	51.01	.00	
01-350-5530 WORKERS COMPENSATI	ILLINOIS PUBLIC RISK FUND	52032	APRIL WORKMAN'S COMP	02/15/2019	1,249.11	.00	
01-350-5710 OPERATING SUPPLIES	A-1 QUALITY WELDING, INC	10374	PW SUPPLIES	02/07/2019	350.00	.00	
01-350-5710 OPERATING SUPPLIES	LAYSTROM-BUESCHER INC	26555	PW OPERATING SUPPLIES	01/14/2019	4.00	.00	
01-350-5730 TOOLS	RUSO POWER EQUIPMENT IN	5657085	TOOLS	02/07/2019	169.78	.00	
01-350-5730 TOOLS	RUSO POWER EQUIPMENT IN	5663792	TOOLS	02/11/2019	12.90	.00	
01-350-5730 TOOLS	RUSO POWER EQUIPMENT IN	5663794	TOOLS	02/11/2019	355.95	.00	
Total PUBLIC WORKS:					5,103.71	.00	
PUBLIC SAFETY							
01-360-4100 HEALTH INSURANCE	NORTH SUBURBAN EMPLOYEE	3-19	VISION INSURANCE	02/20/2019	28.00	.00	
01-360-4120 UNEMPLOYMENT INSUR	ILLINOIS DEPARTMENT OF EM	2/9/19	UNEMPLOYMENT	02/09/2019	4,460.31	.00	
01-360-5100 PROFESSIONAL SERVIC	PERSONNEL STRATEGIES LLC	12/20/18	PSYCHOLOGICAL ASSESSMEN	12/20/2018	1,500.00	.00	
01-360-5221 PRINTING	READY PRESS LLC	81800	BUSINESS CARDS	02/08/2019	80.00	.00	
01-360-5221 PRINTING	VISO GRAPHIC INC	217778	PRINTING	02/07/2019	1,253.19	.00	
01-360-5321 AUTO EXPENSE	RACEWAY CAR WASH	135	CAR WASH	02/07/2019	42.00	.00	
01-360-5410 UTILITIES	VERIZON WIRELESS	9823266175	MONTHLY SERVICE	02/01/2019	400.17	.00	
01-360-5410 UTILITIES	XTIVITY SOLUTIONS INC.	1417	PHONE AND INTERNET SERVIC	01/01/2019	1,226.00	.00	

GL Account and Title	Vendor Name	Invoice Number	Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Paid
01-360-5530 WORKERS COMPENSATI	ILLINOIS PUBLIC RISK FUND	52032	APRIL WORKMAN'S COMP	02/15/2019	8,463.95	.00	
01-360-5741 CLOTHING	JG UNIFORMS INC	49590	PD UNIFORM	02/04/2019	71.00	.00	
01-360-5741 CLOTHING	JG UNIFORMS INC	49629	PD UNIFORM	02/05/2019	55.00	.00	
01-360-5741 CLOTHING	JG UNIFORMS INC	49699	PD UNIFORM	02/06/2019	70.00	.00	
01-360-5741 CLOTHING	JG UNIFORMS INC	50779	PD UNIFORM	12/14/2018	126.00	.00	
01-360-5741 CLOTHING	STREICHER'S	I1352168	PD UNIFORM	02/07/2019	258.00	.00	
01-360-5741 CLOTHING	STREICHER'S	I1352182	PD UNIFORM	02/07/2019	125.00	.00	
01-360-5751 GASOLINE	DANIEL SAVAS	2/10/19	FUEL REIMBURSEMENT FOR A	02/10/2019	20.14	.00	
01-360-5820 PUBLICATIONS	DAILY HERALD	2/7/19	SUBSCRIPTION	02/07/2019	128.80	.00	
01-360-7022 POLICE TECH/SAFETY S	EVIDENT INC	141267A	FINGERPRINTING EQUIPMENT	02/07/2019	829.91	.00	
Total PUBLIC SAFETY:					19,137.47	.00	
REIMBURSABLE EXP							
01-370-4101 RETIREE HEALTH INSUR	DELTA DENTAL OF ILLINOIS	1218257	DENTAL INSURANCE	02/20/2019	28.67	.00	
Total REIMBURSABLE EXP:					28.67	.00	
OTHER EXPENSES							
01-380-5975 SALES TAX REBATE	TONYS FINER FOODS ENTERP	2/11/19	4TH QTR 2018 TAX INCENTIVE	02/11/2019	42,038.07	.00	
Total OTHER EXPENSES:					42,038.07	.00	
Total GENERAL FUND:					93,848.35	.00	

GL Account and Title	Vendor Name	Invoice Number	Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Paid
TOURISM DISTRICT EXPENSES							
13-300-5108 BEAUTIFICATION	COM ED	02/12/19	IRIGATION SYSTEM	02/12/2019	34.50	.00	
13-300-5108 BEAUTIFICATION	COM ED	02-12-19	IRIGATION SYSTEM	02/12/2019	45.51	.00	
13-300-5108 BEAUTIFICATION	ILLINOIS-AMERICAN WATER C	2/4/19	1025-220011635316	02/04/2019	174.38	.00	
13-300-5108 BEAUTIFICATION	ILLINOIS-AMERICAN WATER C	2-6-19	1025-220011635309	02/06/2019	174.66	.00	
Total EXPENSES:					429.05	.00	
Total TOURISM DISTRICT:					429.05	.00	

GL Account and Title	Vendor Name	Invoice Number	Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Paid
DEA SEIZURE FUND							
CAPITAL OUTLAY GENERAL							
16-500-7020 EQUIPMENT - CAPITAL	DEKIND COMPUTER CONSULT	25795	PD WORKSTATIONS	02/12/2019	12,992.21	.00	
Total CAPITAL OUTLAY GENERAL:					12,992.21	.00	
Total DEA SEIZURE FUND:					12,992.21	.00	

GL Account and Title	Vendor Name	Invoice Number	Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Paid
SOLID WASTE DISPOSAL FUND EXPENSES							
17-300-5420 SWANCC CHARGES	SOLID WASTE AGENCY	6133	O&M COSTS	02/20/2019	27,484.34	.00	
Total EXPENSES:					27,484.34	.00	
Total SOLID WASTE DISPOSAL FUND:					27,484.34	.00	

GL Account and Title	Vendor Name	Invoice Number	Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Paid
SSA #5							
EXPENSES							
25-300-5050 SYSTEM MAINTENANCE	CONSTELLATION NEWENERGY	14277529001	8285852	02/13/2019	41.33	.00	
25-300-5050 SYSTEM MAINTENANCE	CONSTELLATION NEWENERGY	14277584401	8285847	02/13/2019	101.58	.00	
25-300-5050 SYSTEM MAINTENANCE	CONSTELLATION NEWENERGY	14277590301	8285849	02/13/2019	137.04	.00	
Total EXPENSES:					279.95	.00	
Total SSA #5:					279.95	.00	

GL Account and Title	Vendor Name	Invoice Number	Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Paid
CAPITAL IMPROVEMENTS							
30-550-7021 EQUIPMENT - INFO TEC	XTIVITY SOLUTIONS INC.	1424	PD WIRELESS SURVEILLANCE	02/01/2019	16,650.00	.00	
Total :					16,650.00	.00	
Total CAPITAL IMPROVEMENTS:					16,650.00	.00	

GL Account and Title	Vendor Name	Invoice Number	Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Paid
WATER FUND							
EXPENSES							
51-300-5050 SYSTEM MAINTENANCE	CORE & MAIN LP	K116045	SYSTEM MAINTENANCE	02/07/2019	990.00	.00	
51-300-5100 PROFESSIONAL SERVIC	METROPOLITAN INDUSTRIES I	INV002322	DATA SERVICE	01/15/2019	100.00	.00	
51-300-5100 PROFESSIONAL SERVIC	PDC LABORATORIES INC	I9348236	WATER TESTING	11/30/2018	73.50	.00	
51-300-5100 PROFESSIONAL SERVIC	PDC LABORATORIES INC	I9355157	WATER TESTING	01/31/2019	73.50	.00	
51-300-5330 TRAINING	JOE KRON	2/18/19	PW TRAINING	02/18/2019	114.00	.00	
51-300-5330 TRAINING	SEAN HEBER	2/18/19	PW TRAINING	02/18/2019	114.00	.00	
51-300-5410 UTILITIES	COM ED	2/12/19	218 FAIRWAY CT	02/12/2019	28.75	.00	
51-300-5410 UTILITIES	CONSTELLATION NEWENERGY	14198274201	8285845	02/04/2019	394.49	.00	
51-300-5410 UTILITIES	VERIZON WIRELESS	9823266175	MONTHLY SERVICE	02/01/2019	56.10	.00	
51-300-5412 WATER	ILLINOIS-AMERICAN WATER C	2/12/19	1025-210004321674	02/12/2019	22,485.68	.00	
51-300-5412 WATER	VILLAGE OF MOUNT PROSPEC	2/15/19	3287-001	02/15/2019	291.93	.00	
51-300-5412 WATER	VILLAGE OF MOUNT PROSPEC	2-15-19	3288-001	02/15/2019	628.14	.00	
51-300-5530 WORKERS COMPENSATI	ILLINOIS PUBLIC RISK FUND	52032	APRIL WORKMAN'S COMP	02/15/2019	217.41	.00	
Total EXPENSES:					25,567.50	.00	
CAPITAL OUTLAY GENERAL							
51-500-7020 EQUIPMENT	LEE JENSEN SALES CO INC	271768	WATER EQUIPMENT	02/06/2019	2,650.00	.00	
Total CAPITAL OUTLAY GENERAL:					2,650.00	.00	
Total WATER FUND:					28,217.50	.00	

GL Account and Title	Vendor Name	Invoice Number	Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Paid
PARKING FUND							
EXPENSES							
52-300-5410 UTILITIES	CONSTELLATION NEWENERGY	14277455001	8285855	02/13/2019	142.76	.00	
52-300-5410 UTILITIES	CONSTELLATION NEWENERGY	14277541001	8285846	02/13/2019	193.11	.00	
52-300-5410 UTILITIES	CONSTELLATION NEWENERGY	14277590101	8285848	02/13/2019	269.15	.00	
Total EXPENSES:					605.02	.00	
Total PARKING FUND:					605.02	.00	

GL Account and Title	Vendor Name	Invoice Number	Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Paid
SANITARY SEWER FUND							
EXPENSES							
53-300-5100 PROFESSIONAL SERVIC	S D ENTERPRISES INC	2/7/19	SANITARY SEWER INSPECTION	02/07/2019	890.00	.00	
53-300-5530 WORKER'S COMP INSUR	ILLINOIS PUBLIC RISK FUND	52032	APRIL WORKMAN'S COMP	02/15/2019	54.35	.00	
Total EXPENSES:					944.35	.00	
Total SANITARY SEWER FUND:					944.35	.00	

GL Account and Title	Vendor Name	Invoice Number	Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Paid
ROAD & BUILDING BOND ESCROW							
72-000-2310 DEPOSIT ROAD/BUILDE	BEVERLY SCHULZE	18-345	ROAD BOND REFUND	02/14/2019	2,343.00	.00	
72-000-2310 DEPOSIT ROAD/BUILDE	MICHAL ZMOJDZIN	18-19	ROAD BOND REFUND	02/13/2019	528.00	.00	
Total :					2,871.00	.00	
Total ROAD & BUILDING BOND ESCROW:					2,871.00	.00	
Grand Totals:					184,321.77	.00	

GL Account and Title	Net Invoice Amount	Amount Paid	Date Paid
GENERAL FUND			
Total GENERAL FUND:	93,848.35	.00	
TOURISM DISTRICT			
Total TOURISM DISTRICT:	429.05	.00	
DEA SEIZURE FUND			
Total DEA SEIZURE FUND:	12,992.21	.00	
SOLID WASTE DISPOSAL FUND			
Total SOLID WASTE DISPOSAL FUND:	27,484.34	.00	
SSA #5			
Total SSA #5:	279.95	.00	
CAPITAL IMPROVEMENTS			
Total CAPITAL IMPROVEMENTS:	16,650.00	.00	
WATER FUND			
Total WATER FUND:	28,217.50	.00	
PARKING FUND			
Total PARKING FUND:	605.02	.00	
SANITARY SEWER FUND			
Total SANITARY SEWER FUND:	944.35	.00	
ROAD & BUILDING BOND ESCROW			
Total ROAD & BUILDING BOND ESCROW:	2,871.00	.00	
Grand Totals:	184,321.77	.00	