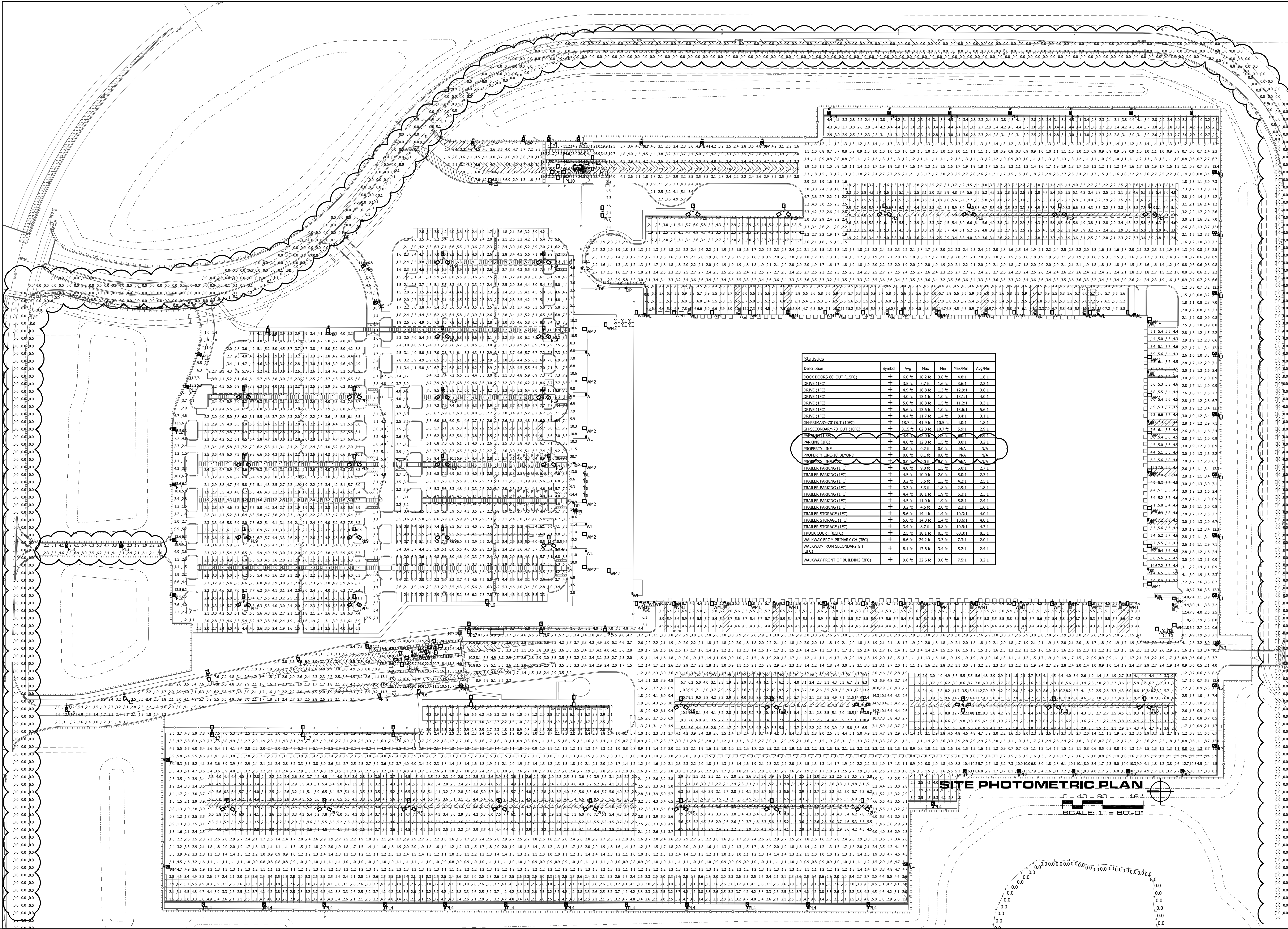
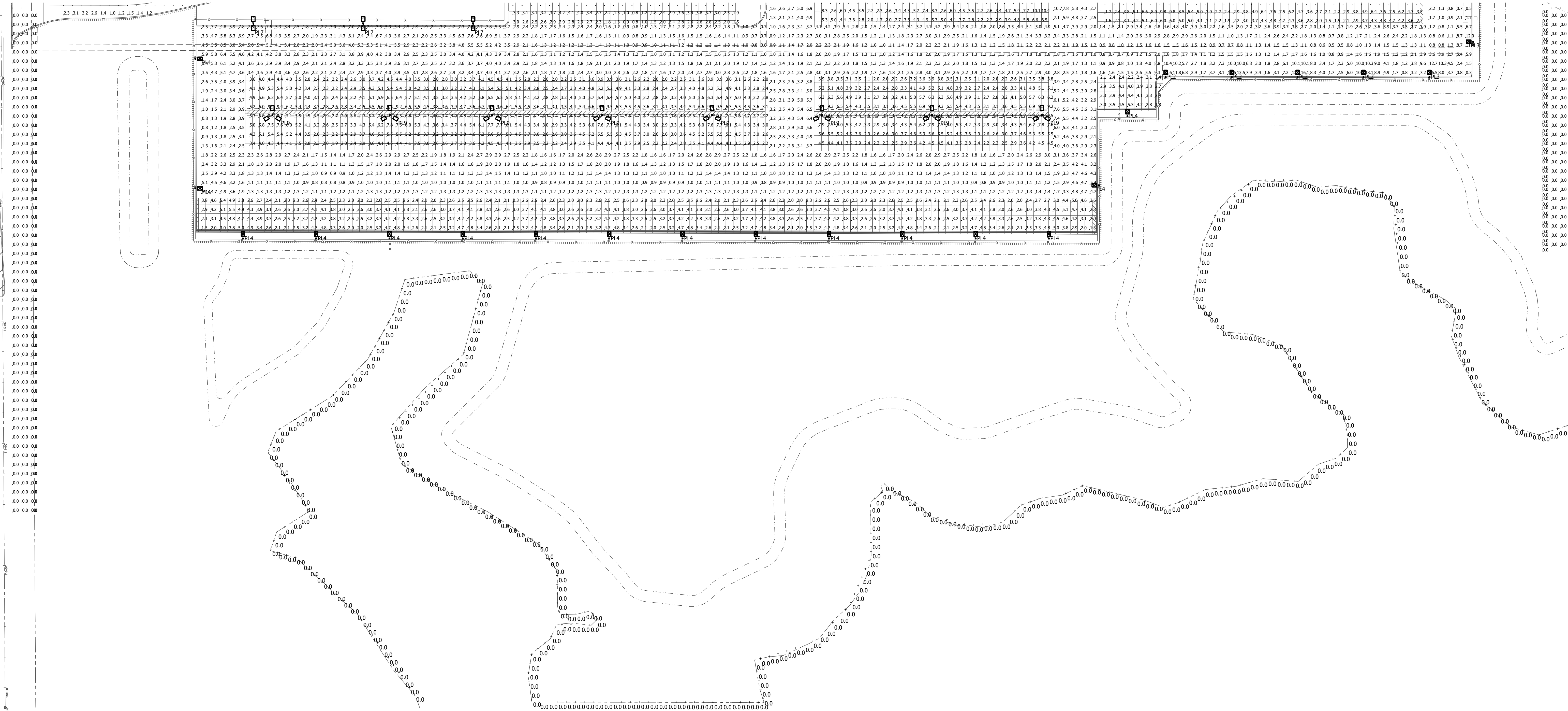


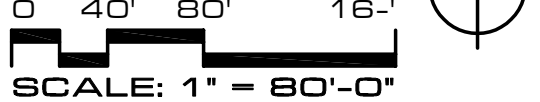


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Feb 05, 2021 10:40am - jph



Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
DOCK DOORS-60' OUT (1.5FC)	+	6.0 fc	18.2 fc	3.8 fc	4.8:1	1.6:1
DRIVE (1FC)	+	3.5 fc	5.7 fc	1.6 fc	3.6:1	2.2:1
DRIVE (1FC)	+	4.9 fc	16.8 fc	1.3 fc	12.9:1	3.8:1
DRIVE (1FC)	+	4.0 fc	13.1 fc	1.0 fc	13.1:1	4.0:1
DRIVE (1FC)	+	5.0 fc	16.8 fc	1.5 fc	11.2:1	2.3:1
DRIVE (1FC)	+	5.6 fc	17.6 fc	1.0 fc	13.6:1	5.6:1
DRIVE (1FC)	+	4.4 fc	11.7 fc	1.4 fc	8.4:1	3.1:1
GH-PRIMARY-70' OUT (10FC)	+	18.7 fc	41.9 fc	10.5 fc	4.0:1	1.8:1
GH-SECONDARY-70' OUT (10FC)	+	31.5 fc	62.8 fc	10.7 fc	5.9:1	2.9:1
PARKING (1.5FC)	+	4.4 fc	12.0 fc	1.5 fc	8.0:1	4.9:1
PARKING (1FC)	+	4.8 fc	12.0 fc	1.5 fc	8.0:1	3.2:1
PROPERTY LINE	+	0.0 fc	0.2 fc	0.0 fc	N/A	N/A
PROPERTY LINE-10' BEYOND	+	0.0 fc	0.1 fc	0.0 fc	N/A	N/A
PROPERTY LINE-20'	+	0.0 fc	0.0 fc	0.0 fc	N/A	N/A
TRAILER PARKING (1FC)	+	4.0 fc	9.0 fc	1.5 fc	6.0:1	2.7:1
TRAILER PARKING (1FC)	+	4.5 fc	10.0 fc	2.0 fc	5.0:1	2.3:1
TRAILER PARKING (1FC)	+	3.2 fc	5.5 fc	1.3 fc	4.2:1	2.5:1
TRAILER PARKING (1FC)	+	3.3 fc	5.3 fc	1.8 fc	2.9:1	1.8:1
TRAILER PARKING (1FC)	+	4.4 fc	10.1 fc	1.9 fc	5.3:1	2.3:1
TRAILER PARKING (1FC)	+	4.5 fc	11.0 fc	1.9 fc	5.8:1	2.4:1
TRAILER PARKING (1FC)	+	3.2 fc	4.5 fc	2.0 fc	2.3:1	1.6:1
TRAILER STORAGE (1FC)	+	5.6 fc	14.4 fc	1.4 fc	10.3:1	4.0:1
TRAILER STORAGE (1FC)	+	5.6 fc	14.8 fc	1.4 fc	10.6:1	4.0:1
TRAILER STORAGE (1FC)	+	3.4 fc	8.7 fc	0.8 fc	10.9:1	4.3:1
TRUCK COURT (0.5FC)	+	2.5 fc	18.1 fc	0.3 fc	60.3:1	8.3:1
WALKWAY-FROM PRIMARY GH (3FC)	+	6.6 fc	24.2 fc	3.3 fc	7.3:1	2.0:1
WALKWAY-FROM SECONDARY GH (3FC)	+	8.1 fc	17.6 fc	3.4 fc	5.2:1	2.4:1
WALKWAY-FRONT OF BUILDING (3FC)	+	9.6 fc	22.6 fc	3.0 fc	7.5:1	3.2:1

SITE PHOTOMETRIC PLAN



PROJECT PUMPKIN
VENTURE ONE REAL ESTATE

01-11-20
Revisions
02/08/21

22-21113-00

SITE
PHOTOMETRIC
PLAN

E1.2

Kremer Consulting Engineers, PLLC
1400 N. 1st Street, Suite 150
Chicago, IL 60610
Phone: 312.462.2864
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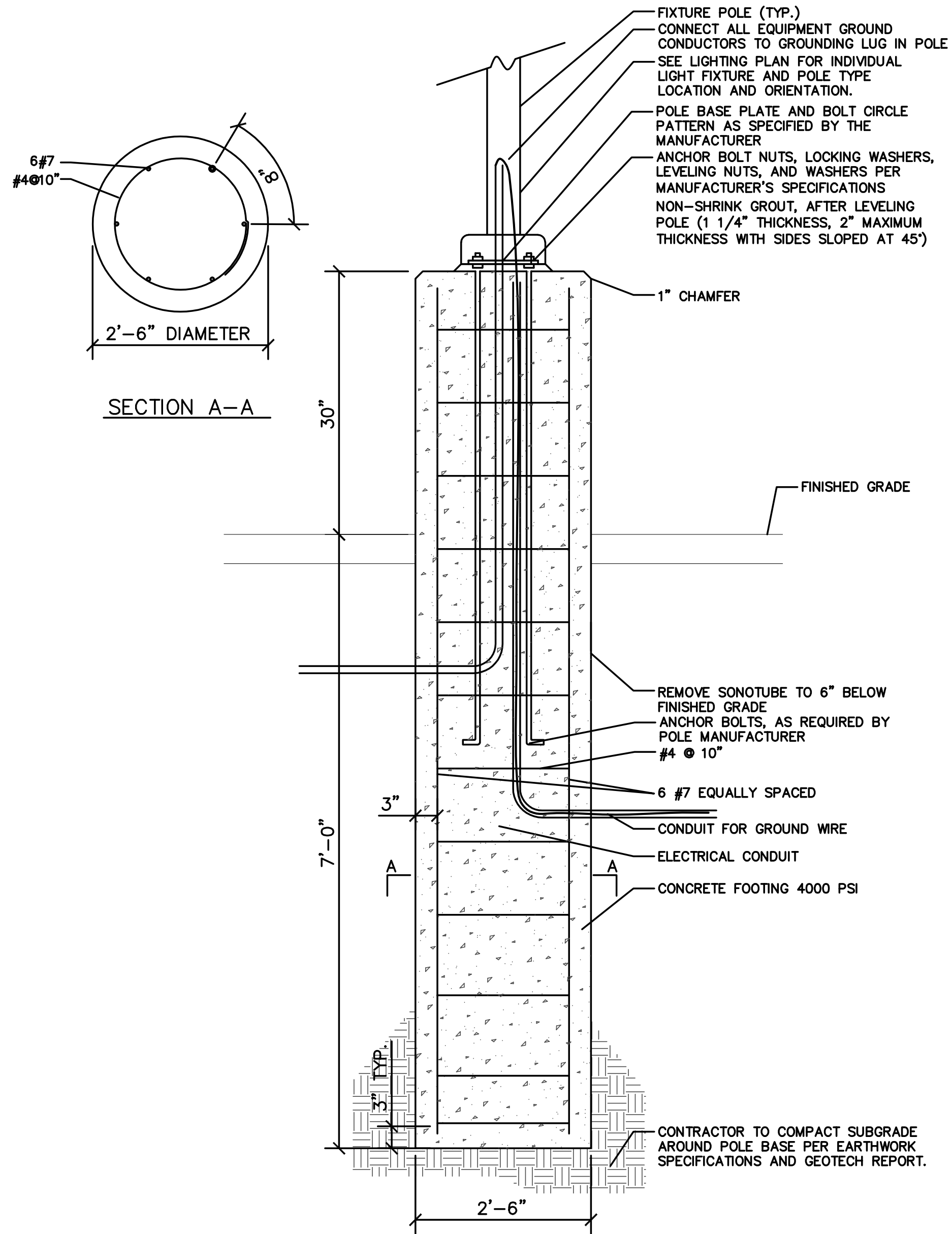
JAMES MILTON
JONES, JR.
062-067190
STATE OF ILLINOIS
02.08.21

PROFESSIONAL ENGINEER



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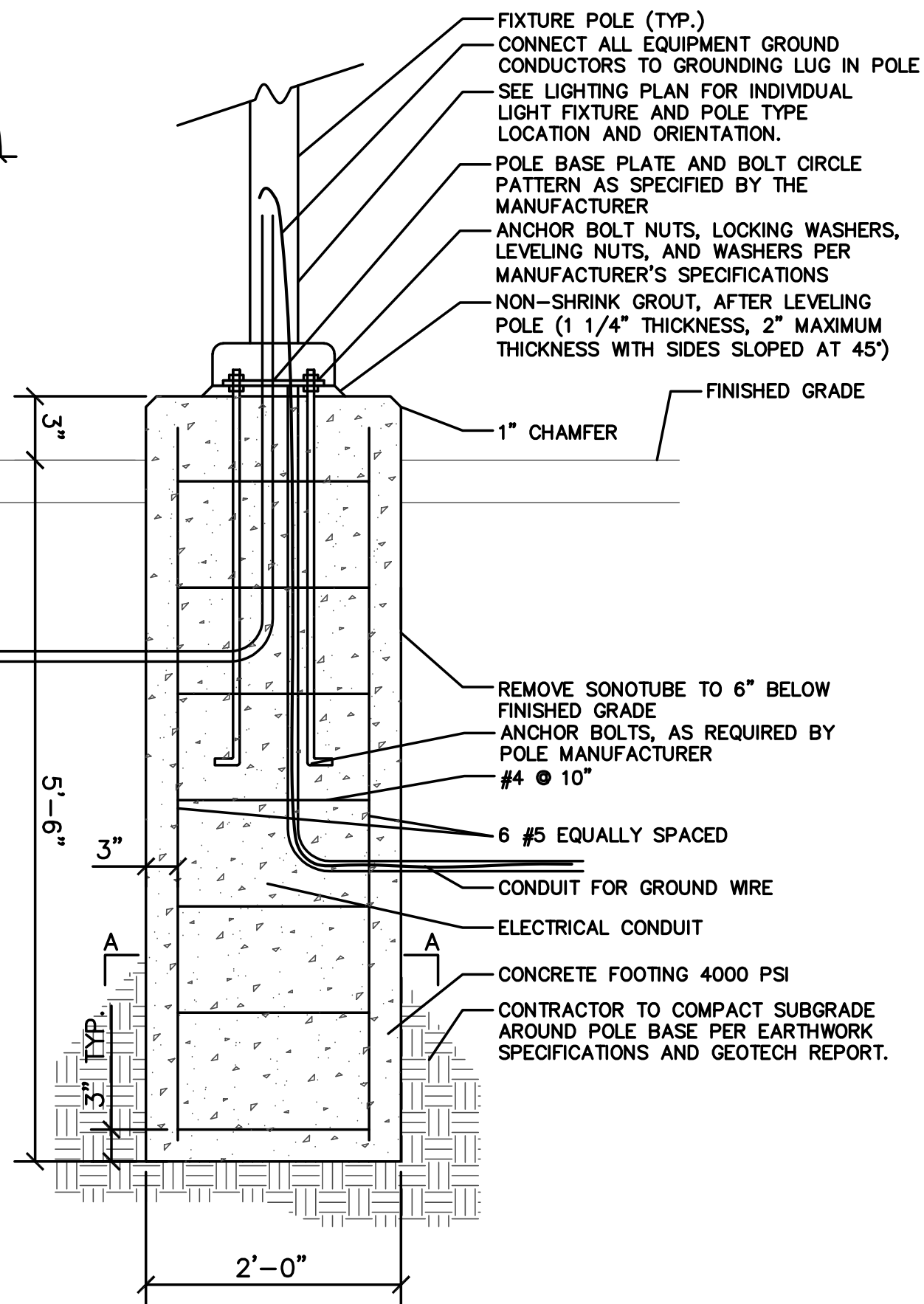


LIGHT POLE DETAIL
NTS

- NOTES:
1. VERTICAL AND HORIZONTAL BARS SHALL BE FIELD TIED. WELDING IS NOT PERMITTED. THE CONTRACTOR SHALL SUPPORT REINFORCEMENT IN ITS PROPER LOCATION FROM THE FORMWORK DURING CONCRETE OPERATION.
 2. THE CONTRACTOR SHALL REMOVE WATER PRESENT IN HOLE PRIOR TO POURING CONCRETE.
 3. THE CONTRACTOR SHALL VERIFY ALL INFORMATION PERTAINING TO THE POLE AND FIXTURE INSTALLATION WITH THE MANUFACTURER, THE ENGINEER AND/ OR OWNER TO BE NOTIFIED OF ANY DISCREPANCIES.
 4. INSTALLATION OF POLE FOOTING IN CONCRETE PAVING REQUIRES 1/2" EXPANSION JOINT FILLER SEALED WITH JOINT SEALANT.

NOTE: THE INFORMATION ILLUSTRATED IN THE LIGHT POLE FOUNDATION DETAIL HAS BEEN PROVIDED FOR GENERAL REFERENCE AND PRELIMINARY COST ESTIMATE PURPOSES. LIGHT POLE FOUNDATIONS SHOULD BE DESIGNED AND DETAILED BY A LICENSED STRUCTURAL ENGINEER BASED ON EXISTING SOIL CONDITIONS, LOCAL DESIGN STANDARDS AND MANUFACTURERS RECOMMENDATIONS.

LIGHT POLE DETAIL
NTS



Schedule										
Symbol	Label	Image	QTY	Manufacturer	Catalog Number	Description	Lumens per Lamp	LLF	Wattage	Distribution
	WL		39	LITHONIA	WST LED P3 30K VF 27V	WALL LIGHT AT 12' AFF. WITH INTEGRAL PHOTOCELL, CONNECTED TO GENERATOR	6165	0.85	50	TYPE III, VERY SHORT, BUG RATING: B1 - U0 - G1
	WLG		14	LITHONIA	WST LED P3 30K VF 120V EM	WALL LIGHT AT 10' AFF. WITH INTEGRAL PHOTOCELL AND 90 MINUTE EM BATTERY	6165	0.85	50	TYPE III, VERY SHORT, BUG RATING: B1 - U0 - G1
	DL		4	LITHONIA	LDN6 40/05 L06WR	RECESSED DOWNLIGHT	484	0.85	5.83	DIRECT, SC=0=1.02, SC=90=1.03
	DP		5	LITHONIA	MRP LED 42C 700 30K SR2 MVOLT	POST-TOP LIGHT ON 8' POLE AND FLUSH-WITH-GRADE POLE BASE	6629	0.85	100	TYPE III, SHORT, BUG RATING: B1 - U2 - G1
	CL		10	WHITEWAY		SURFACE MOUNTED CANOPY LIGHT	9938	0.85	66.3	
	FPL		3	HYDREL	M7090C LED P3 30K NSP FLC LSF	IN-GRADE FLOOD LIGHT FOR FLAG POLE	5018	0.85	47.2	5 X 4
	WM1		36	Lithonia Lighting	DSX2 LED P8 30K TFFM MVOLT	WALL LIGHT AT 30'	45655	0.85	431	TYPE IV, SHORT, BUG RATING: B4 - U0 - G5
	WM2		12	Lithonia Lighting	DSX2 LED P6 30K TFFM MVOLT	WALL LIGHT AT 17'	37861	0.85	343	TYPE IV, SHORT, BUG RATING: B3 - U0 - G5
	PL1		14	Lithonia Lighting	DSX2 LED P2 30K BLC MVOLT	POLE LIGHT ON 12' POLE AND 36" BASE WITH HOUSE SIDE SHIELD	18306	0.85	185	TYPE III, SHORT, BUG RATING: B2 - U0 - G3
	PL2		5	Lithonia Lighting	DSX2 LED P5 30K T3M MVOLT HS	POLE LIGHT ON 12' POLE AND 36" BASE WITH HOUSE SIDE SHIELD	27729	0.85	321	TYPE III, SHORT, BUG RATING: B3 - U0 - G4
	PL3		6	Lithonia Lighting	DSX2 LED P5 30K TFFM MVOLT HS	POLE LIGHT ON 12' POLE AND 36" BASE WITH HOUSE SIDE SHIELD	27504	0.85	321	TYPE III, VERY SHORT, BUG RATING: B3 - U0 - G4
	PL4		30	Lithonia Lighting	DSX2 LED P8 30K TFFM MVOLT HS	POLE LIGHT ON 30' POLE AND 36" BASE WITH HOUSE SIDE SHIELD	35646	0.85	431	TYPE III, VERY SHORT, BUG RATING: B3 - U0 - G5
	PL5		3	Lithonia Lighting	DSX2 LED P5 30K T3M MVOLT	POLE LIGHT ON 30' POLE AND 36" BASE	34220	0.85	321	TYPE III, MEDIUM, BUG RATING: B4 - U0 - G5
	PL6		8	Lithonia Lighting	DSX2 LED P8 50K TFFM MVOLT	POLE LIGHT ON 30' POLE AND 36" BASE	49806	0.85	431	TYPE IV, SHORT, BUG RATING: B4 - U0 - G5
	PL7		9	Lithonia Lighting	DSX2 LED P8 50K T5M MVOLT	POLE LIGHT ON 30' POLE AND 36" BASE	51710	0.85	862	TYPE VS, BUG RATING: B5 - U0 - G5
	PL8		4	Lithonia Lighting	DSX2 LED P8 50K T5M MVOLT	POLE LIGHT ON 30' POLE AND 36" BASE	51710	0.85	1293	TYPE VS, BUG RATING: B5 - U0 - G5
	PL9		32	Lithonia Lighting	DSX2 LED P8 50K T5W MVOLT	POLE LIGHT ON 30' POLE AND 36" BASE	51371	0.85	1293	TYPE VS, BUG RATING: B5 - U0 - G5
	PL10		6	Lithonia Lighting	DSX2 LED P8 50K T5M MVOLT	POLE LIGHT ON 30' POLE AND 36" BASE	51710	0.85	1724	TYPE VS, BUG RATING: B5 - U0 - G5

Schedule										
Symbol	Label	Image	QTY	Manufacturer	Catalog Number	Description	Lumens per Lamp	LLF	Wattage	Distribution
	WL		39	LITHONIA	WST LED P3 30K VF 277V	WALL LIGHT AT 12' AFF. WITH INTEGRAL PHOTOCELL, CONNECTED TO GENERATOR	6165	0.85	50	TYPE III, VERY SHORT, BUG RATING: B1 - U0 - G1
	WLG		14	LITHONIA	WST LED P3 30K VF 120V EM	WALL LIGHT AT 10' AFF. WITH INTEGRAL PHOTOCELL AND 90 MINUTE EM BATTERY	6165	0.85	50	TYPE III, VERY SHORT, BUG RATING: B1 - U0 - G1
	DL		4	LITHONIA	LDW6 40/05 LOWVR	RECESSED DOWNLIGHT	484	0.85	5.83	DIRECT, SC, 0=1.02, 5C- 90=1.03
	DP		5	LITHONIA	M82 LED 42C 700 30K 582 MVOLT	POST TOP LIGHT ON 8' POLE AND FLUSH-WITH-GRADE POLE BASE	6629	0.85	100	TYPE III, VERY SHORT, BUG RATING: B1 - U2 - G1
	CL		10	WHITEWAY		SURFACE MOUNTED CANOPY LIGHT	9938	0.85	66.3	
	FPL		3	HYDREL	M9700C LED P3 30K MSP FLC LSF	IN-GRADE FLOOD LIGHT FOR FLAG POLE	5018	0.85	47.2	5 X 4
	WM1		36	Lithonia Lighting	DSX2 LED P8 30K TFFIM MVOLT	WALL LIGHT AT 30'	45655	0.85	431	TYPE IV, SHORT, BUG RATING: B4 - U0 - G5
	WM2		12	Lithonia Lighting	DSX2 LED P6 30K TFFIM MVOLT	WALL LIGHT AT 17'	37861	0.85	343	TYPE IV, SHORT, BUG RATING: B3 - U0 - G5
	PL1		14	Lithonia Lighting	DSX2 LED P2 30K BLC MVOLT	POLE LIGHT ON 12' POLE AND 36" BASE WITH HOUSE SIDE SHIELD	18306	0.85	185	TYPE III, SHORT, BUG RATING: B2 - U0 - G3
	PL2		5	Lithonia Lighting	DSX2 LED P5 30K TSM MVOLT HS	POLE LIGHT ON 12' POLE AND 36" BASE WITH HOUSE SIDE SHIELD	27729	0.85	321	TYPE III, SHORT, BUG RATING: B3 - U0 - G4
	PL3		6	Lithonia Lighting	DSX2 LED P5 30K TFFIM MVOLT HS	POLE LIGHT ON 12' POLE AND 36" BASE WITH HOUSE SIDE SHIELD	27504	0.85	321	TYPE III, VERY SHORT, BUG RATING: B3 - U0 - G4
	PL4		30	Lithonia Lighting	DSX2 LED P8 30K TFFIM MVOLT HS	POLE LIGHT ON 30' POLE AND 36" BASE WITH HOUSE SIDE SHIELD	35646	0.85	431	TYPE III, VERY SHORT, BUG RATING: B3 - U0 - G5
	PL5		3	Lithonia Lighting	DSX2 LED P5 30K TSM MVOLT	POLE LIGHT ON 30' POLE AND 36" BASE	34220	0.85	321	TYPE III, MEDIUM, BUG RATING: B4 - U0 - G5
	PL6		8	Lithonia Lighting	DSX2 LED P8 30K TFFIM MVOLT	POLE LIGHT ON 30' POLE AND 36" BASE	49806	0.85	431	TYPE IV, SHORT, BUG RATING: B4 - U0 - G5
	PL7		9	Lithonia Lighting	DSX2 LED P8 30K TSM MVOLT	POLE LIGHT ON 30' POLE AND 36" BASE	51710	0.85	862	TYPE VS, BUG RATING: B5 - U0 - G5
	PL8		4	Lithonia Lighting	DSX2 LED P8 30K TSM MVOLT	POLE LIGHT ON 30' POLE AND 36" BASE	51710	0.85	1293	TYPE VS, BUG RATING: B5 - U0 - G5
	PL9		32	Lithonia Lighting	DSX2 LED P8 30K TSM MVOLT	POLE LIGHT ON 30' POLE AND 36" BASE	51371	0.85	1293	TYPE VS, BUG RATING: B5 - U0 - G5
	PL10		6	Lithonia Lighting	DSX2 LED P8 30K TSM MVOLT	POLE LIGHT ON 30' POLE AND 36" BASE	51710	0.85	1724	TYPE VS, BUG RATING: B5 - U0 - G5