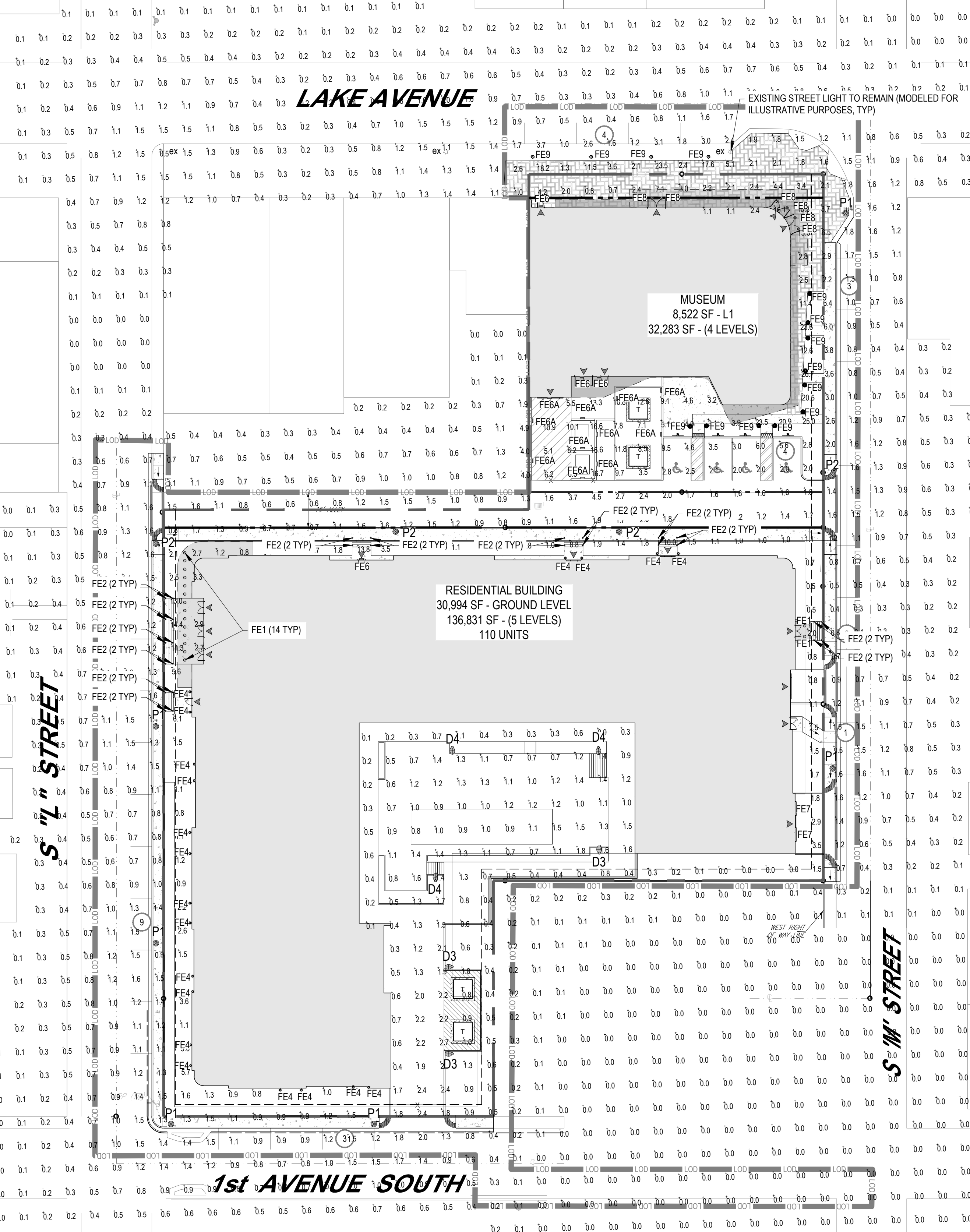
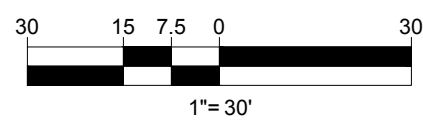




LUMINAIRE SCHEDULE

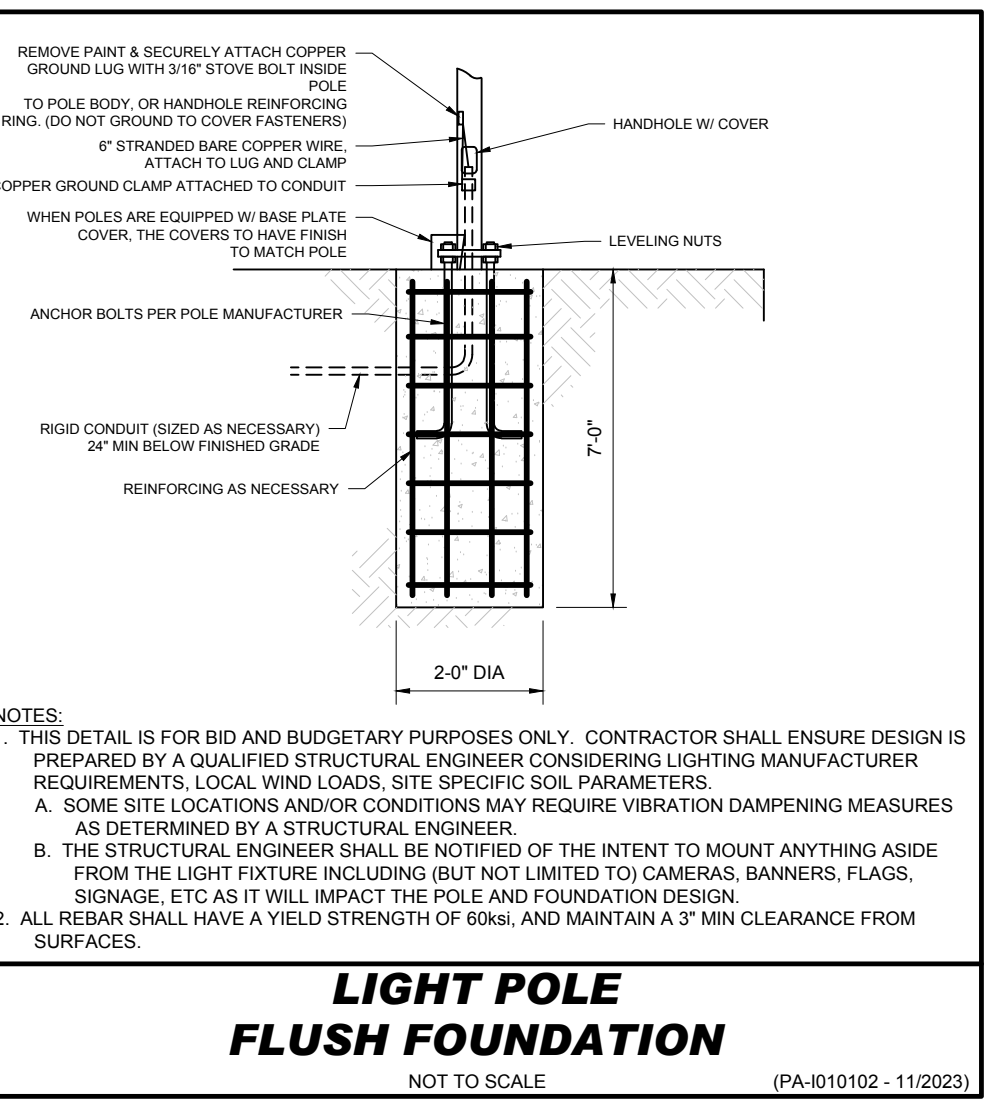
LABEL	QTY	MOUNTING HT.	ARRANGEMENT	LUM. LUMENS	LLF	DESCRIPTION
P1	7	18'-0" AFG	SINGLE	8577	0.900	LUMEC BY SIGNIFY, URBAN METROSCAPE LED MPTR POST TOP LUMINAIRE, ZERO UP-LIGHT (MPTR-80WLED-2.7K-G3-xLE5-xDMG-PHB-RC07-SP2-GN4TX)
P2	4	18'-0" AFG	SINGLE	8577	0.900	LUMEC BY SIGNIFY, URBAN METROSCAPE LED MPTR POST TOP LUMINAIRE, ZERO UP-LIGHT (MPTR-80WLED-2.7K-G3-xLE5-xDMG-PHB-RC07-SP2-GN4TX) INCLUDE BANNER ARMS PER
D3	3	14'-0" AFG	SINGLE	2780	0.900	STERNBERG LIGHTING, RIALTA RT403 COLUMN LED LUMINAIRE, TYPE 3R, ZERO UP-LIGHT (PT-14FT-RT403-26L-30-TR-MDO3-CA)
D4	3	14'-0" AFG	SINGLE	2713	0.900	STERNBERG LIGHTING, RIALTA RT403 COLUMN LED LUMINAIRE, TYPE 4, ZERO UP-LIGHT (PT-14FT-RT403-26L-30-T4-MDO3-CA)
"FE1	16	"13'-0" AFF	SINGLE	205	0.900	"TREGAN LIGHTING, EXTON TAK SEMI-RECESSED LED CEILING LUMINAIRE, FROSTED SPHERE GEN. CEILING MOUNT, ZERO UP-LIGHT (EKTAK-SR-FSG-x) (VERIFY WITH ARCH PLANS)
"FE2	28	"INSTALLED WITHIN HANDRAIL	SINGLE	168	0.900	"ALPHABET LIGHTING, THETA 790 SNAP RECESSED LED MODULE, TYPE VA, ZERO UP-LIGHT (750S-30KVA-PC-SF-CP) (VERIFY WITH ARCH PLANS)
"FE4	20	"7'-0" AFF	SINGLE	563	0.900	"LUMUX LIGHTING, UD400 SERIES LED DOWN LIGHT, ZERO UP-LIGHT (UD400-BW-9W-12W-30-WHITE-3000K-120-27V-SILVER-DOWNLIGHT ONLY) (VERIFY WITH ARCH PLANS)
"FE6	4	"VARIES (REFER TO ARCH PLAN)	SINGLE	1513	0.900	"RAB LIGHTING, SLIMSYW SERIES LED WALL PACK, ZERO UP-LIGHT (SLIM-SY-W-W-x) (VERIFY WITH ARCH PLANS)
"FE6A	11	"VARIES (REFER TO ARCH PLAN)	SINGLE	2576	0.900	"RAB LIGHTING, SLIMSYW SERIES LED WALL PACK, ZERO UP-LIGHT (SLIM-SY-W-W-x) (VERIFY WITH ARCH PLANS)
"FE7	2	"16'-0" AFF	SINGLE	3112	0.900	"H.E. WILLIAMS LIGHTING, 75L LED FLAT LENS STRIP, ZERO UP-LIGHT (75L-8-L40-8-30-DMA) (VERIFY WITH ARCH PLANS)
"FE8	6	"13'-0" AFF	SINGLE	1943	0.900	"ZANIBONI LIGHTING, LUNA ZS SERIES, ZERO UP-LIGHT (DZLUNZS-60-30-A-3-SS-NO-W) (VERIFY WITH ARCH PLANS)
"FE9	14	"3'-4" AFG	SINGLE	2873	0.900	"LUMUX LIGHTING, 100MOD SERIES, LED BOLLARD (BL100MOD-FLAT CAP-16W-WHITE-3000K-120-27V-SILVER-x) (VERIFY WITH ARCH PLANS)

THIS PLAN TO BE UTILIZED FOR LIGHTING PURPOSES ONLY



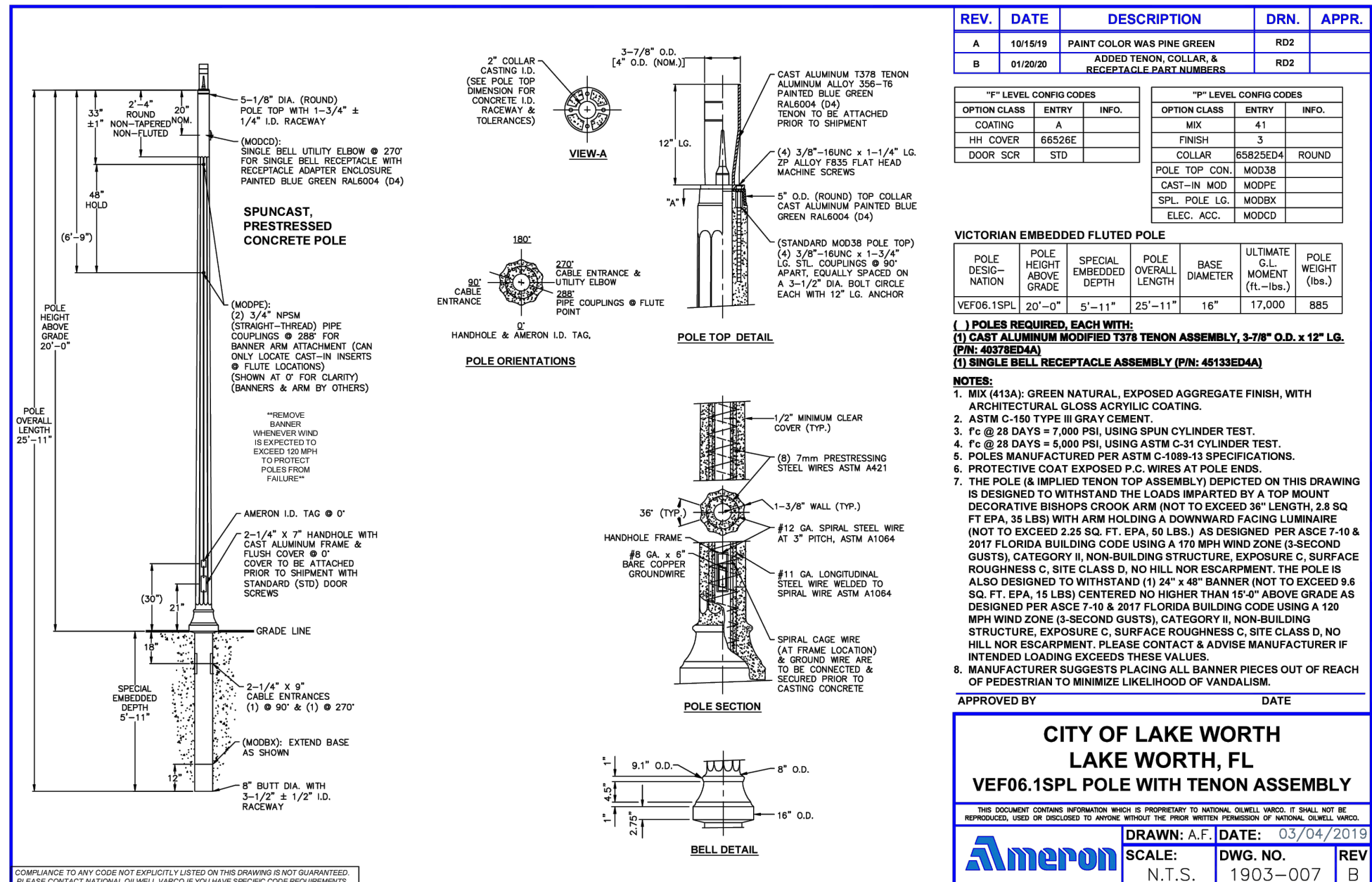
GENERAL LIGHTING NOTES

- THE GENERAL NOTES MUST BE INCLUDED AS PART OF THIS ENTIRE DOCUMENT PACKAGE AND ARE PART OF THE CONTRACT DOCUMENTS. THE GENERAL NOTES ARE REFERENCED HEREIN, AND THE ELECTRICAL CONTRACTOR MUST REFER TO THEM AND FULLY COMPLY WITH THESE NOTES, IN THEIR ENTIRETY. THE ELECTRICAL CONTRACTOR MUST BE FAMILIAR WITH AND ACKNOWLEDGE FAMILIARITY WITH ALL OF THE GENERAL NOTES AND ALL OF THE PLANS SPECIFIC NOTES.
- THE ELECTRICAL CONTRACTOR MUST COMPLY WITH ALL APPLICABLE CONTRACTOR REQUIREMENTS INDICATED IN THE PLANS, INCLUDING BUT NOT LIMITED TO GENERAL NOTES, GRADING AND UTILITY NOTES, SITE SAFETY, AND ALL AGENCY AND GOVERNMENTAL REGULATIONS.
- THE LIGHTING PLAN DEPICTS PROPOSED, SUSTAINED ILLUMINATION LEVELS CALCULATED USING DATA PROVIDED BY THE NOTED MANUFACTURER. ACTUAL SUSTAINED SITE ILLUMINATION LEVELS AND PERFORMANCE OF LUMINAIRES MAY VARY DUE TO VARIATIONS IN THE LIGHTING, ELECTRICAL, VOLTAGE, TOLERANCE IN LAMPS, THE SERVICE LIFE OF EQUIPMENT AND LUMINAIRES AND OTHER RELATED VARIABLE FIELD CONDITIONS.
- THE LIGHTING VALUES AND CALCULATION POINTS DEPICTED ON THIS PLAN ARE ANALYZED ON A HORIZONTAL GEOMETRIC PLANE AT GROUND LEVEL UNLESS OTHERWISE NOTED. ILLUMINATION LEVELS ARE SHOWN IN FOOT CANDLES (FC).
- THE LUMINAIRES, LAMPS AND LENSES MUST BE REGULARLY INSPECTED/MAINTAINED TO ENSURE THAT THEY FUNCTION PROPERLY. THIS WORK SHOULD INCLUDE, BUT IS NOT LIMITED TO, VISUAL OBSERVATION, CLEANING OF LENSES, AND RE-ALIGNING ACCORDING TO MANUFACTURER RECOMMENDATIONS. FAILURE TO FOLLOW THE ABOVE STEPS COULD RESULT IN IMPROPER LIGHT DISTRIBUTION AND FAILURE TO COMPLY WITH THE APPROVED DESIGN. UPON COMPLETION AND OWNER'S ACCEPTANCE OF THE WORK, THE ABOVE RESPONSIBILITIES BECOMES SOLELY THE OWNER'S.
- THE LIGHTING PLAN IS INTENDED TO SHOW THE LOCATIONS AND TYPE OF LUMINAIRES. POWER SYSTEM, CONDUITS, WIRING AND OTHER ELECTRICAL COMPONENTS ARE SOLELY THE ARCHITECT'S, MECHANICAL ENGINEER'S AND/OR ELECTRICAL CONTRACTOR'S RESPONSIBILITY, AS INDICATED IN THE CONSTRUCTION CONTRACT DOCUMENTS. THE CONTRACTOR MUST COORDINATE WITH THE PROJECT ARCHITECT AND/OR ELECTRICAL ENGINEER REGARDING ANY AND ALL POWER SOURCES AND TIMING DEVICES NECESSARY TO MEET THE DESIGN INTENT. THESE ITEMS MUST BE INSTALLED AS REQUIRED BY STATE AND LOCAL REGULATIONS. CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF LIGHTING FIXTURES AND APPURTENANCES IN ACCORDANCE WITH ALL APPLICABLE BUILDING AND ELECTRICAL CODES.
- THE ELECTRICAL CONTRACTOR MUST BRING IMMEDIATELY, IN WRITING, ANY LIGHT LOCATIONS THAT CONFLICT WITH DRAINAGE, UTILITIES, OR OTHER STRUCTURE(S) TO THE PROFESSIONAL OF RECORD'S ATTENTION, PRIOR TO THE START OF CONSTRUCTION.
- THE ELECTRICAL CONTRACTOR IS RESPONSIBLE TO ENSURE THAT SHIELDING AND OR ROTATED OPTICS ARE INSTALLED AS INDICATED ON THE PLAN IN ORDER TO ACHIEVE THE LIGHTING LEVELS THE REVIEWING AGENCY APPROVED.
- UPON OWNER'S ACCEPTANCE OF THE COMPLETED PROJECT, THE OWNER SHALL BE RESPONSIBLE FOR ALL MAINTENANCE, INCLUDING REPAIR AND INSPECTION OF THE LIGHTING SYSTEM AND ALL OF ITS COMPONENTS AND RELATED SYSTEMS, TO ENSURE ADEQUATE LIGHTING LEVELS ARE PRESENT AND FUNCTIONING AT ALL TIMES.
- THE LIGHT LOSS FACTORS (LLF) DEPICTED IN THE LUMINAIRE SCHEDULE ON THIS PLAN ARE BASED ON DATA PROVIDED BY THE MANUFACTURER FOLLOWING IES LM-80-08 TESTING. THE LIGHT LEVELS DEPICTED ON THIS PLAN WERE CALCULATED BASED ON THE LLF LISTED IN THE LUMINAIRE SCHEDULE.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE SUBMITTALS TO BOHLER FOR REVIEW AND APPROVAL. SUBSTITUTION REQUESTS MUST BE ACCOMPANIED BY A HORIZONTAL PHOTOMETRIC STUDY DEMONSTRATING THAT THE LUMINAIRE(S) IN QUESTION WILL MEET THE DESIGN INTENT OF THIS PLAN. SUBSTITUTION REQUESTS WITHOUT A PHOTOMETRIC STUDY WILL BE REJECTED.
- LIGHT POLE FOUNDATIONS ARE SHOWN ON THE PLAN IN THE INTENDED LOCATION BASED ON THE LIGHTING CALCULATIONS, UNLESS OTHERWISE NOTED. LIGHT SYMBOLS ARE SHOWN LARGER THAN ACTUAL SIZE, HOWEVER FOUNDATION SIZE IS SHOWN AT ACTUAL SIZE.



LIGHT POLE FLUSH FOUNDATION

NOT TO SCALE (PA-010102 - 11/2023)



REV.	DATE	DESCRIPTION	DRN.	APPR.
A	10/19/19	POLE COLOR WAS PINK GREEN	R02	
B	01/09/20	ADDED TECHNICAL DATA	R02	

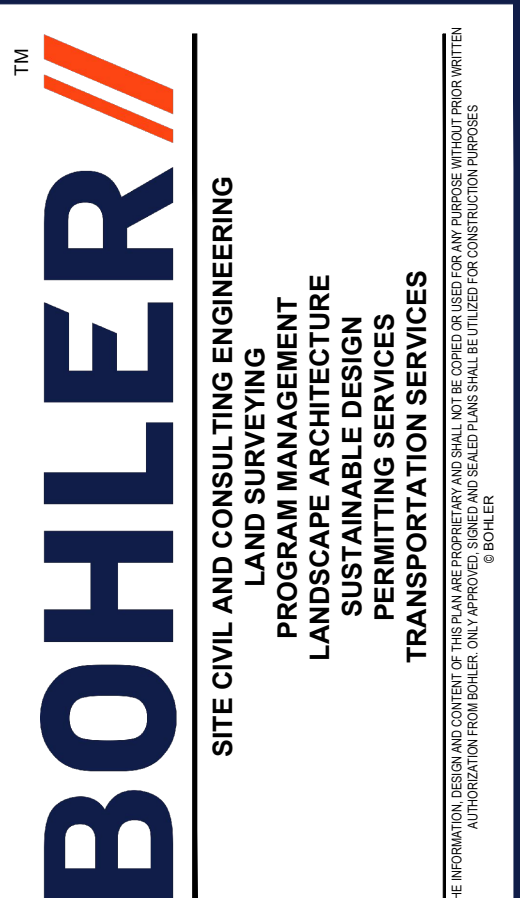
OPTIONAL CLASSES	ENTRY 1	INFO.
COATING	A	FINISH
WIND COVER	KEYS	FINISH
DOOR SCR	STD	ROUND

OPTIONAL CLASSES	ENTRY 1	INFO.
POLE TOP CON.	MOD36	CAST-IN WOOD MOORE
SPL. POLE LG.	MOD36	ELEC. ACC. MOD36

() POLES REQUIRED, EACH WITH:
(1) CAST ALUMINUM MODIFIED T378 TENON ASSEMBLY, 3-7/8" O.D. x 12" L.G. (P/N: 40378ED4A)
(1) SINGLE BELL RECEPTACLE ASSEMBLY (P/N: 45133ED4A)
NOTES:

NOTES:
1. POLES (1244): GREEN NATURAL, EXPOSED AGGREGATE FINISH, WITH ARCHITECTURAL GLOSS ACRYLIC COATING.
2. FINISH: 160 TYP. B GRAY CEMENT.
3. Fc @ 24 DAYS = 7,000 PSF USING SPIN CYLINDER TEST.
4. Fc @ 28 DAYS = 8,000 PSF USING ASTM C-109 CYLINDER TEST.
5. POLES MANUFACTURED PER ASTM C-1098-13 SPECIFICATIONS.
6. PROTECTIVE COAT EXPOSED P.C. WINDS AT POLE BASE.
7. THE POLE IS IMPLIED TENON TOP ASSEMBLY DEPICTED ON THIS DRAWING IS DESIGNED TO WITHSTAND THE LOADS IMPOSED BY A TOP MOUNT DECORATIVE BISHOPS CROOK ARM (NOT TO EXCEED 3\"/>

APPROVED BY	DATE
CITY OF LAKE WORTH LAKE WORTH, FL VEF06.1SP.L POLE WITH TENON ASSEMBLY	03/04/2019
SCALE:	DWG. NO. 1903-007



REVISIONS

REV	DATE	COMMENT	PER CLINT	CHKED BY
1	2025.02.24	PER CLINT COMMENT	JRB	DTN



PRELIMINARY

THIS DRAWING IS INTENDED FOR MUNICIPAL AND/OR AGENCY REVIEW AND APPROVAL. IT IS NOT INTENDED AS A CONSTRUCTION DOCUMENT UNLESS INDICATED OTHERWISE.

PROJECT No.:	FLB230233.00
DRAWN BY:	JMG
CHECKED BY:	DTN
DATE:	02/14/2025
CAD I.D.:	P-LGTE-LGHT

PROJECT:

LIGHTING PLAN

FOR

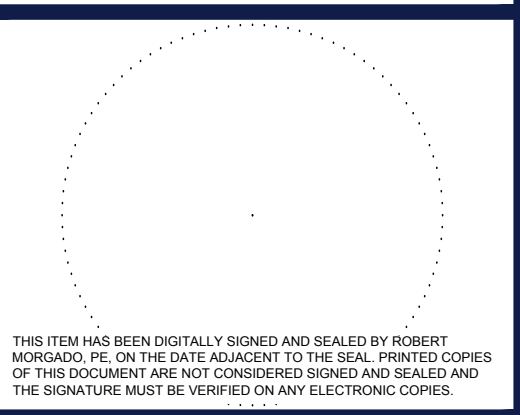
UNITED MANAGEMENT

PROPOSED DEVELOPMENT

501 LAKE AVE
CITY OF LAKE WORTH BEACH
LAKE WORTH BEACH, FL



1900 NW CORPORATE BOULEVARD
SUITE 101E
BOCA RATON, FLORIDA 33431
Phone: (561) 571-0280
Fax: (561) 571-0281
FLORIDA BUSINESS CERT. OF AUTH. NO. 30780



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY ROBERT MONTAGNO, P.E., ON THE DATE INDICATED TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

SHEET TITLE:

LIGHTING PLAN

SHEET NUMBER:

L-101

REVISION 1 - 02/24/2025

