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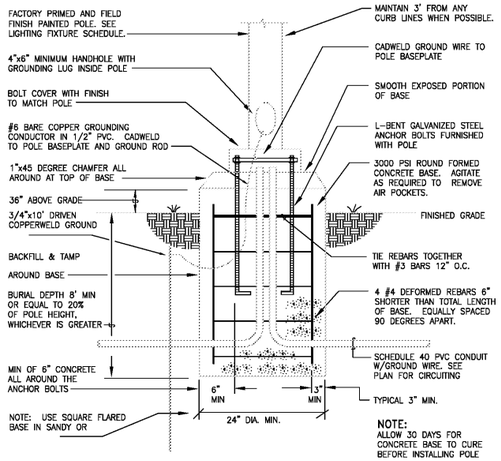
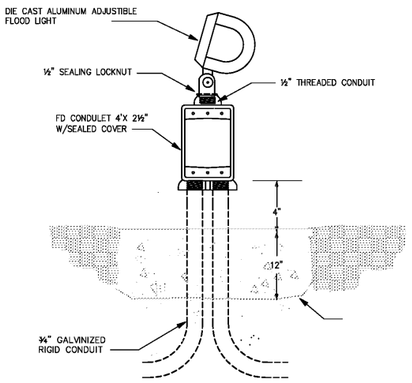


2 POLE BASE DETAIL
DIAGRAMMATIC



3 TYPE "OF" FLAG POLE LIGHT FOOTING DETAIL
NOT TO SCALE

Calculation Summary							
Label	Calc Type	Units	Avg	Max	Min	Avg/Min	Max/Min
Egress	Illuminance	Fc	6.03	36.2	0.3	20.10	120.67
Parking	Illuminance	Fc	3.69	9.9	0.8	4.61	12.38
Property Line	Illuminance	Fc	1.32	6.1	0.0	N.A.	N.A.

LIGHTING FIXTURE SCHEDULE

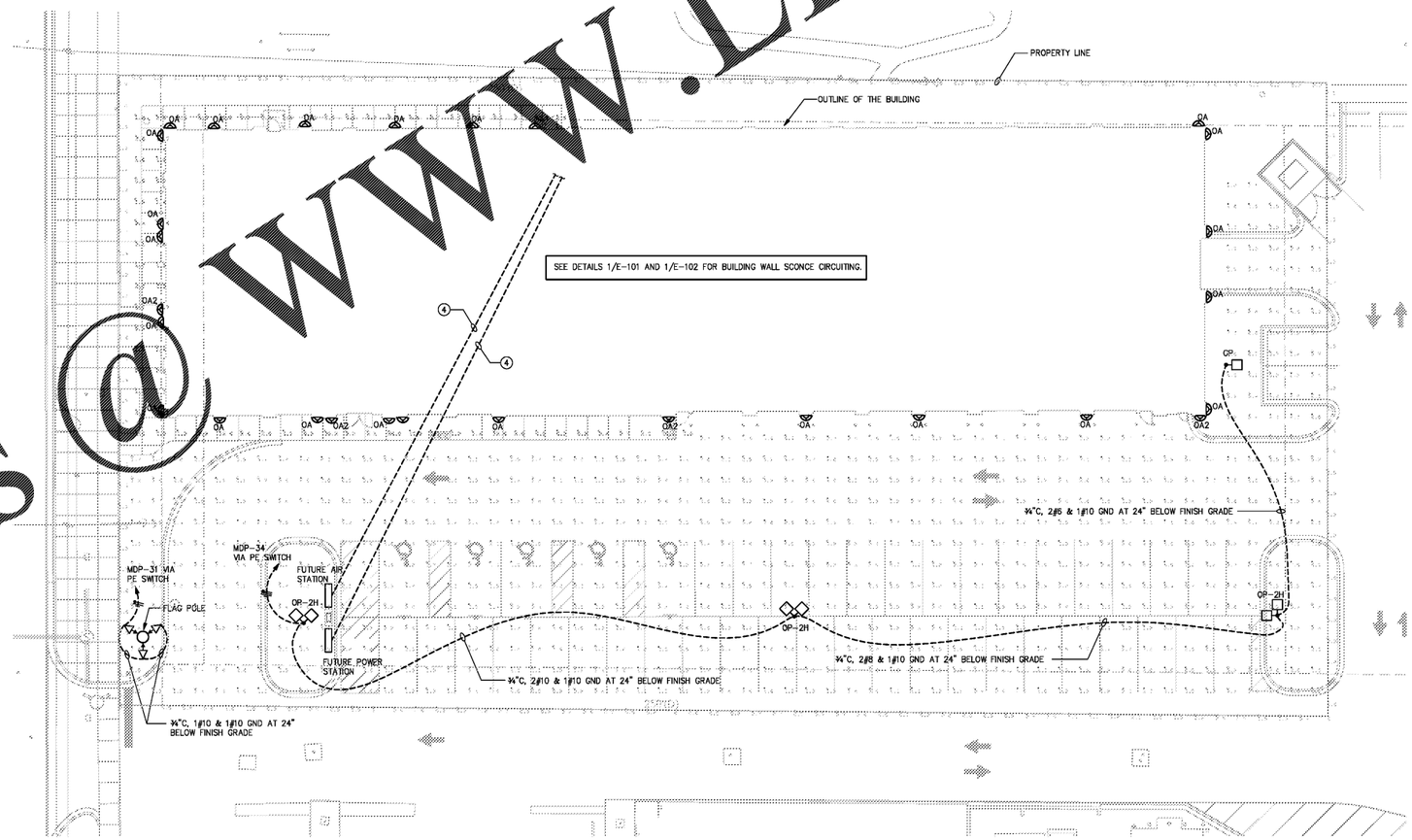
SYMBOL & TYPE	MANUFACTURER & CATALOG NUMBER	DESCRIPTION	LAMP TYPE & QUANTITY	VOLTS/ BALLAST	MOUNTING	INPUT WATTS
OP	HUBBELL AIRO TYPE IV #ASL-A-24L-4K-210-4-U	POLE MOUNTED LED FIXTURE. BLACK FINISH. TYPE IV DISTRIBUTION, ACRYLIC LENS, FULL CUTOFF DISTRIBUTION, CALCULATED WITH EXTERNAL HOUSE SHIELD ACCESSORY "ASL-EHS-BL" 30' ROUND ALUMINUM POLE WITH HANDHOLE, CLOSED TOP, BOLT COVER, L-BENT GALVANIZED ANCHOR BOLTS, PAINT FINISH TO MATCH LUMINAIRE,	24 LED'S 19,036 LUMENS 4000K	UNIV.	POLE @25'-0" A.F.G.	169W 113 LUMENS/W
OP-2H	HUBBELL AIRO TYPE IV #ASL-A-24L-4K-210-4-U	POLE MOUNTED LED FIXTURE. BLACK FINISH. TYPE IV DISTRIBUTION, ACRYLIC LENS, FULL CUTOFF DISTRIBUTION, CALCULATED WITH EXTERNAL HOUSE SHIELD ACCESSORY "ASL-EHS-BL" 30' ROUND ALUMINUM POLE WITH HANDHOLE, CLOSED TOP, BOLT COVER, L-BENT GALVANIZED ANCHOR BOLTS, PAINT FINISH TO MATCH LUMINAIRE,	(2) 24 LED'S 19,036 LUMENS 4000K	UNIV.	POLE @25'-0" A.F.G.	338W 113 LUMENS/W
OA	SHAPER (COOPER LIGHTING) #674-31-WP-L3/835-120-BM	EXTERIOR WALL SCONCE. BRONZE METALLIC FINISH COLOR. COORDINATE MOUNTING HEIGHT AND EXACT LOCATIONS WITH ARCHITECTURAL ELEVATIONS PRIOR TO ROUGH-IN.	LED 3500K 2000 LUMENS	120V	WALL	19
OA2	SHAPER (COOPER LIGHTING) #674-55-WP-L5/835-120-BM-RBP	EXTERIOR WALL SCONCE. BRONZE METALLIC FINISH COLOR. COORDINATE MOUNTING HEIGHT AND EXACT LOCATIONS WITH ARCHITECTURAL ELEVATIONS PRIOR TO ROUGH-IN. WITH 90 MINUTE EMERGENCY BATTERY BACKUP.	LED 3500K 4000 LUMENS	120V	WALL	37
OF	SPAULDING LIGHTING ARF1 LED #ARF1-K-10L-4K-070-N-U-BL	GROUND MOUNTED COMPACT LED FLOOD FIXTURE. BLACK FINISH NARROW 3x3 NARROW DISTRIBUTION, ADJUSTABLE KNUCKLE	ONE (1) 10 LED'S 2735 LUMENS 4000K	120V	GROU	24

ELECTRICAL CONTRACTOR IS REQUIRED TO PURCHASE FIXTURES PER FIXTURE SCHEDULE ABOVE. NO SUBSTITUTIONS OR ALTERNATES SHALL BE ACCEPTED.

ALL LIGHTING FIXTURES SHALL BE ORDERED EIGHT (8) TO TEN (10) WEEKS PRIOR TO WHEN THEY ARE NEEDED ON SITE TO MEET THE CONSTRUCTION SCHEDULE. SEND TO THE ARCHITECT ALL LIGHTING SHOP DRAWING SUBMITTALS TWO WEEKS PRIOR TO THE ORDERING DATE.

LIGHTING NOTES:

1. THE LIGHTING FIXTURE CATALOG NUMBERS IDENTIFY THE SERIES OF LIGHTING FIXTURE ONLY. PROVIDE ALL FIELD FABRICATION, MOUNTING HARDWARE, ACCESSORIES AND OPTIONS REQUIRED TO ADAPT TO THE CONDITIONS AND MEET THE INTENT OF THE FIXTURE DESCRIPTION.
2. COORDINATE FIXTURE OPERATING VOLTAGES WITH THAT PROVIDED BY THE CIRCUITRY.
3. COORDINATE FIXTURE TRIMS WITH THE CEILING TYPE.
4. DRIVERS AND BALLASTS SHALL HAVE THE QUIETEST SOUND RATING AVAILABLE.
5. DRIVERS AND BALLASTS SHALL BE DESIGNED TO START AND MAINTAIN PROPER OPERATION OF THE LAMP(S) IN THE ENVIRONMENT AND TEMPERATURE CONDITIONS IN WHICH THE FIXTURE ARE APPLIED.
6. LIGHTING FIXTURES IN WET LOCATIONS SHALL BE "WET LOCATION" LISTED. LIGHTING FIXTURES IN DAMP LOCATIONS SHALL BE "DAMP LOCATION" LISTED.
7. SUBMIT SHOP DRAWINGS, INCLUDING LAMPS FOR APPROVAL. THE RESPONSIBILITY TO ACCEPT OR REJECT ANY PROPOSED SUBSTITUTION REMAINS WITH THE PROJECT ARCHITECT/ENGINEER. THE CONTRACTOR MAY AT ITS JUDGMENT USE ANY PRODUCT OR DEVICE WHICH IN THE JUDGMENT OF THE ARCHITECT/ENGINEER EXPRESSED IN WRITING ARE EQUAL TO THAT SPECIFIED.



1 SITE LIGHTING PLAN
SCALE: 1/16" = 1'-0"

NOTES THIS SHEET

1. CONNECTION FOR PYLON SIGNAGE. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH THE SIGN VENDOR PRIOR TO ROUGH-IN. PROVIDE LOCAL DISCONNECTING MEANS PER NEC.
2. FLAG POLE LOACTION. COORDINATE EXACT LOCATION WITH CIVIL PLANS.
3. COORDINATE EXACT MOUNTING HEIGHT AND LOCATION WITH ARCHITECT.
4. E.C. TO PROVIDE UNDERGROUND CONDUIT AND PULL STRINGS FROM DATA/ELEC. ROOM 110 TO FUTURE AIR STATION LOCATIONS. COORDINATE EXACT LOCATIONS OF EQUIPMENT WITH OWNER/ARCHITECT PRIOR TO ROUGH-IN.

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ISSUANCE

REVISIONS

NO.	DATE	DESCRIPTION

FILE NUMBER	18030
PROJECT MANAGER	
PROFESSIONAL	
DRAWN BY	EBB
CHECKED BY	MMS

SITE LIGHTING PLAN
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