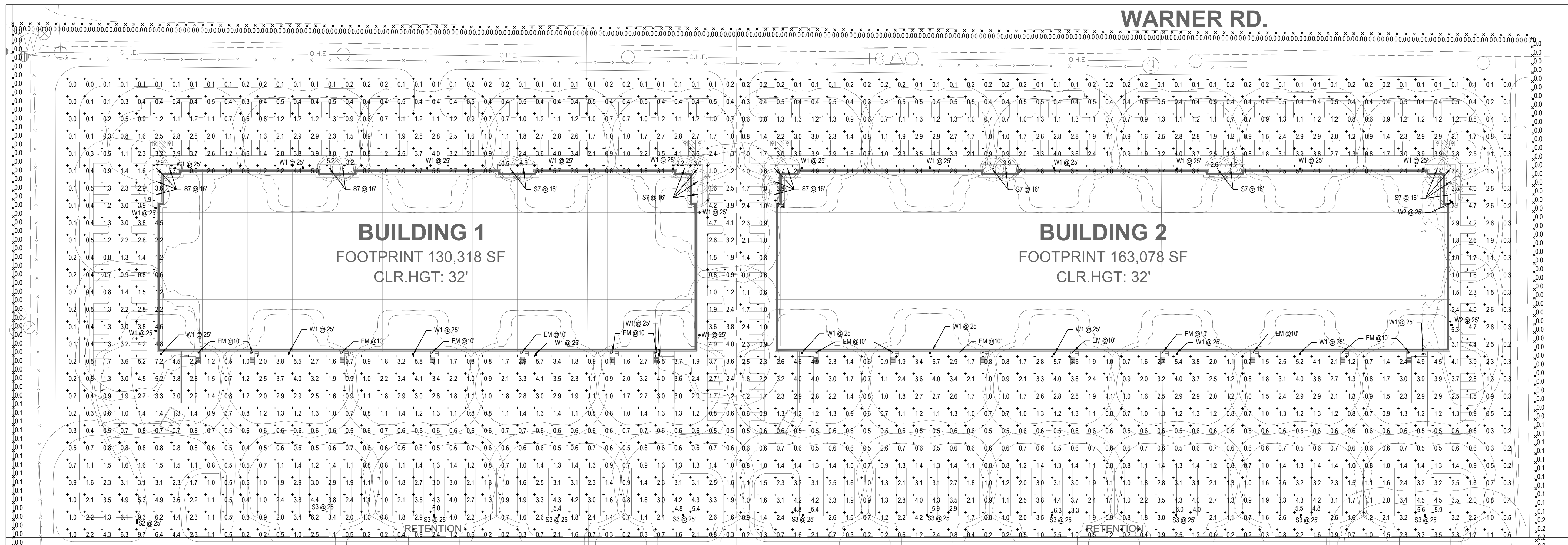
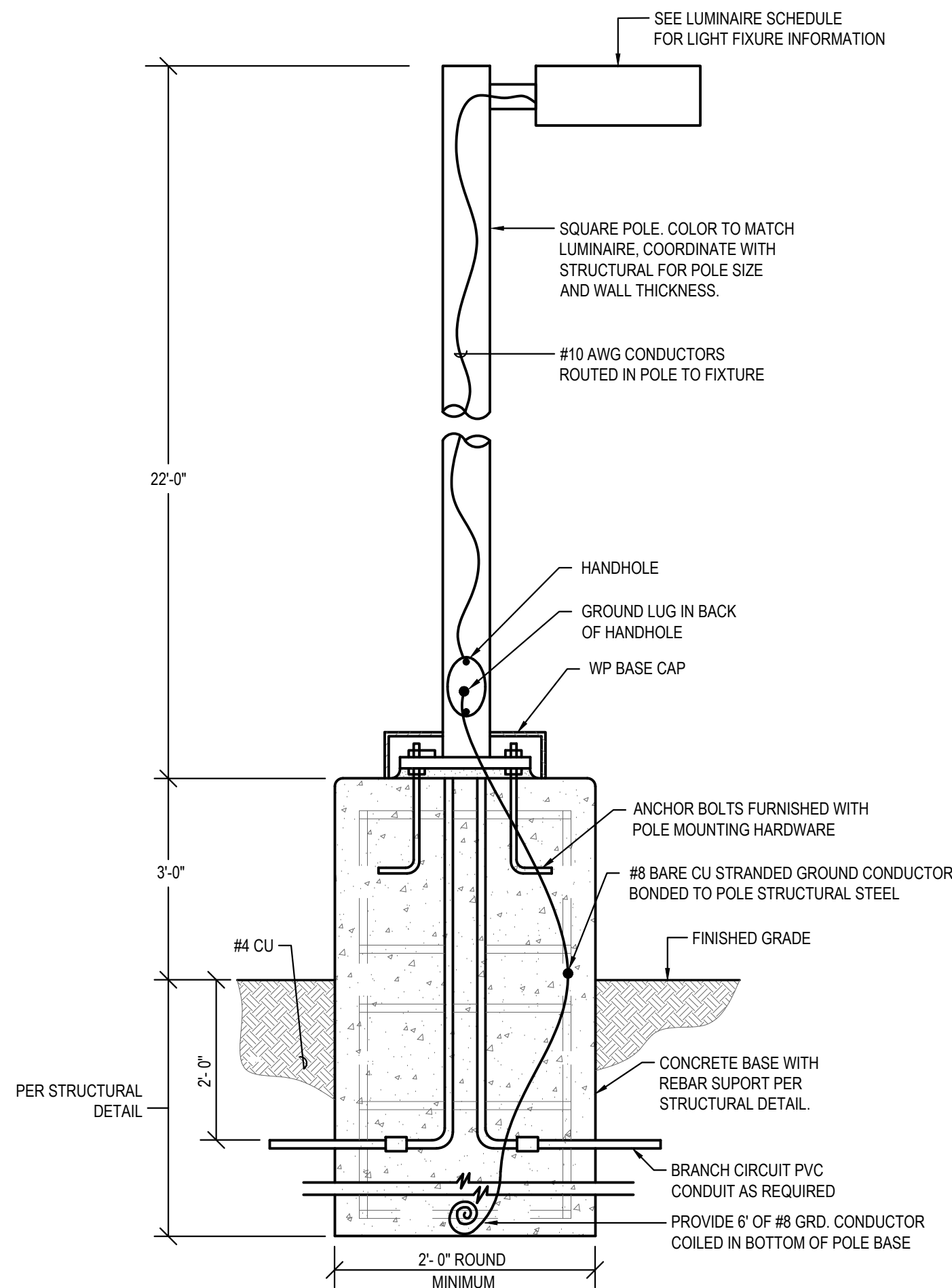




CONTINUATION ON SHEET E1.1



NOTE: THE POLE MANUFACTURER SHALL PROVIDE AN ENGINEERED POLE BASE DESIGN FOR 100 MPH WIND LOADING WITH A 1.3 GUST FACTOR. THE POLE BASE DESIGN SHALL BE FROM A STRUCTURAL ENGINEER REGISTERED IN THE STATE OF ARIZONA. THE STRUCTURAL ENGINEER SHALL VERIFY THE WIND LOADING AND GUST FACTOR CRITERIA ABOVE ARE ADEQUATE FOR THE AREA OF INSTALLATION.

LIGHT POLE BASE DETAIL

SCALE: NTS

Schedule							
Symbol	Label	QTY	Manufacturer	Catalog Number	Description	Lumens per Lamp	LLF
EM	EM	69	Lithonia Lighting	AFF FCT	AFF premium FCT (Forward Throw)	451	0
S1	S1	0	LITHONIA	DSX2 LED P8 40K T5W MVOLT SPA DOBXD / CEM-TEC 22.5' SSS POLE W/ 2.5' BASE	DSX2 AREA LIGHT WITH P8 PERFORMANCE PACKAGE & T5W OPTIC MOUNTED @ 25' AFG	50729	0.91
S2	S2	5	LITHONIA	DSX2 LED TWIN P8 40K T5W MVOLT SPA DOBXD / CEM-TEC 22.5' SSS POLE W/ 2.5' BASE	DSX2 TWIN AREA LIGHT WITH P8 PERFORMANCE PACKAGE & T5W OPTIC MOUNTED @ 25' AFG	50729	0.91
S3	S3	45	LITHONIA	DSX2 LED P4 40K T5W MVOLT SPA DOBXD / CEM-TEC 22.5' SSS POLE W/ 2.5' BASE	DSX2 AREA LIGHT WITH P4 PERFORMANCE PACKAGE & T5W OPTIC MOUNTED @ 25' AFG	33388	0.91
S4	S4	9	LITHONIA	DSX2 LED P3 40K T3M MVOLT SPA HS DOBXD / CEM-TEC 22.5' SSS POLE W/ 2.5' BASE	DSX2 AREA LIGHT WITH P3 PERFORMANCE PACKAGE & T5W OPTIC MOUNTED @ 25' AFG	22240	0.91
S6	S6	4	LITHONIA	DSX2 LED P3 40K BLC MVOLT SPA DOBXD / CEM-TEC 22.5' SSS POLE W/ 2.5' BASE	DSX2 AREA LIGHT WITH P3 PERFORMANCE PACKAGE & BACK LIGHT CONTROL OPTIC MOUNTED @ 25' AFG	23165	0.91
S7	S7	36	Lithonia Lighting	LDN6 40/10 LOGAR LSS	6IN LDN, 4000K, 1000LM, CLEAR, SEMI-SPECULAR REFLECTOR, CR180	952	0.91
W1	W1	100	LITHONIA	DSX2 LED P4 30K T5W MVOLT WBA DOBXD	DSX2 AREA LIGHT WITH P4 PERFORMANCE PACKAGE & T5W OPTIC MOUNTED @ 25' AFG	30993	0.91
W2	W2	2	LITHONIA	DSX2 LED P4 30K T3M MVOLT WBA HS DOBXD	DSX2 AREA LIGHT WITH P4 PERFORMANCE PACKAGE & T3 MEDIUM OPTIC W/ HOUSE SIDE SHIELD WALL MOUNTED @ 25' AFG	24396	0.91
W3	W3	0	ALW LIGHTING	K3SL-N-N-D-07-83-40-40	QUBE 300 LX sconce	720	0.91

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
PH1 SITE FC AFG	+	1.6 fc	11.2 fc	0.0 fc	N/A	N/A
PH2 SITE FC AFG	+	1.7 fc	9.2 fc	0.0 fc	N/A	N/A
PL FC @ 3' AFG	+	0.0 fc	0.2 fc	0.0 fc	N/A	N/A

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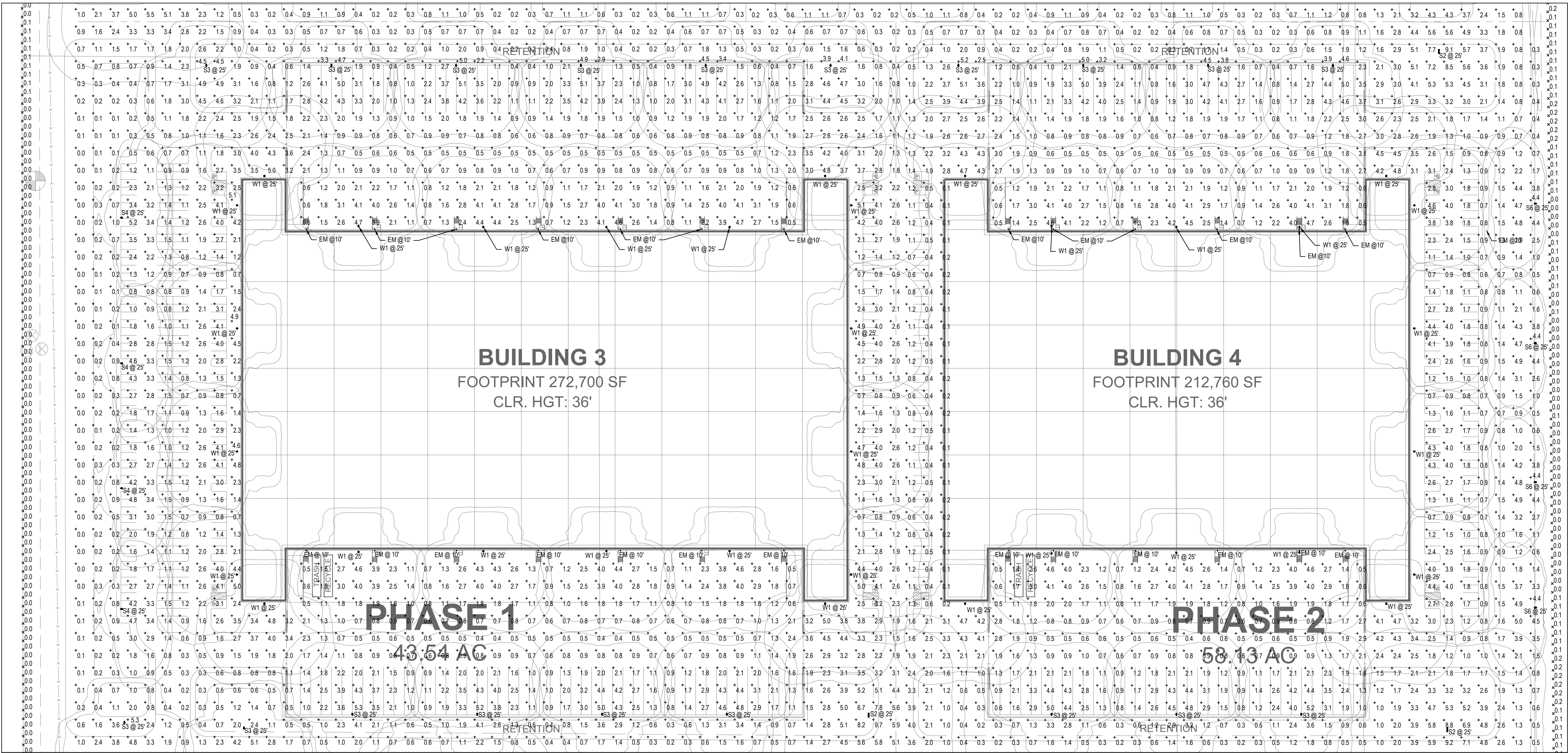
AIRPARK 202
S. SOSSAMAN ROAD
MESA, ARIZONA

PHOTOMETRIC PLAN	
DATE	REMARKS

PA / PM:
DRAWN BY:
JOB NO.:

SHEET
E1.0

CONTINUATION ON SHEET E1.0



CONTINUATION ON SHEET E1.2

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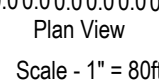


AIRPARK 202
S. SOSSAMAN ROAD
MESA, ARIZONA

PHOTOMETRIC PLAN	
DATE	REMARKS

PA / PM:	
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JOB NO.:	

SHEET
E1.1



E1.2

AIRPARK 202
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MESA, ARIZONA



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FIXTURE: EM



FEATURES & SPECIFICATIONS

INTENDED USE — Ideal for applications requiring low-profile, attractive emergency lighting with Optional normally off or normally on with photocell control. Provides a minimum of 90 minutes of illumination both indoors and outdoors upon loss of AC power. **Certain airborne contaminants can diminish the integrity of acrylic and/or polycarbonate. Click here for Acrylic/Polycarbonate Compatibility table for suitable uses.**

CONSTRUCTION — Compact, low-profile, architectural design with die-cast aluminum housing. Finishes are textured powder coat paint for dark bronze, white, black and non-textured for natural aluminum. Test switch indicator light and remote enabled are located on the bottom of the housing and are easily accessible and visible from the floor.

OPTICS — LEDs with 170 of 55,000 hours. Delivers 635 lumens in Normal-On and Emergency operation. Optional field configurable for wide and/or narrow beam distribution (**DS/Preset/Fielding**). Outdoor wide throw distribution: 70° (2° path of egress) at a 7.5' mounting height with 1 FC Average, 4,000K correlated color temperature (CCT).

ELECTRICAL — UVOLT 120 thru 347V, 50/60Hz. Current-limiting charger maximizes battery life and minimizes energy consumption to provide low operating costs. Small battery charges Certified in the CA Title 20 Appliance Efficiency Database.

Short-circuit protection — current-limiting charge circuitry protects printed circuit board from shorts. Regulated charge voltage maintains a stable charge voltage over a wide range of line voltages. Prevents overvoltage from shorting battery and reduces capacity. Filtered charger input minimizes charge voltage ripple and extends battery life.

Photocell option (PEL) for normally on product in order to discontinue illumination during periods when ambient light is present. Remote units (DEL) are normally off. Emergency only functionality with DC power from an external battery.

BATTERY: Sealed, maintenance-free Lithium Ion Phosphate battery. Automatic 24-hour recharge after a 96-minute discharge. Advanced electrical design provides constant light output throughout the entire discharge period for non-CW batteries. (For cold weather and cold temperature applications, the light may diminish through the discharge cycle). Brownout protection is automatically switched to emergency mode when supply voltage drops below approximately 80 percent nominal of 120, 220, 277 or 347. Other input voltages may vary. AC/UV re-set allows battery connection before AC power is applied and prevents battery damage from deep discharge.

Self-Diagnostics: Continuously monitors AC functionality. Standard derangement monitoring will indicate disconnected battery, charger failure and displays green flashing indicator light while in emergency mode. Single multi-chromatic LED indicator to display two-state charging, test activation and three-state self-diagnostics.

Self-diagnostic testing: Five minutes every 30 days and 90 minutes annually. Diagnostic evaluation of lamps, AC to DC transfer, battery charging and condition of microprocessor. Automatic test is easily postponed for eight hours by activating manual test switch or use of remote tester (RTXT) accessory. Manual testing: Test switch and remote tester (RTXT accessory) provides manual activation of 60-second diagnostic testing for on-demand visual inspection. 90-minute manual testing can be enabled by pressing the test switch again while in test mode.

INSTALLATION — Wall mount: typically meets 7.5 to 14" mounting height from ground or floor. Power supplied by either mounting directly to a 4" square or 4" octagon J-box (wall mount) and accepts rigid or flex conduit.

LISTINGS — UL wet location listed standard at 32-1227 (0-50°C). List with CW (battery/diode weather) listed for 1227 to 1227 (30° to 50°C). Remote listed for -40° to 1227 (40° to 50°C). Meets or exceeds all applicable requirements for UL 924, NFPA 70 (current Life Safety code), NFPA 70 (NEC), NFPA 70 (NFPA Official Mechanical), California Emergency Commission Title 20 section 1605.3 (WV), FC Title 42, Part 15, Subpart 1 and OSHA. List and labeled to comply with Canadian Standards C22.2 No. 141-10. Meets City of Chicago Code.

WARRANTY — 5-year limited warranty. Complete warranty terms located at: www.aaculbrands.com/support/warranty/terms-and-conditions

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.

1 Small Battery Chargers Certified in the CA Title 20 Appliance Efficiency Database.

EMERGENCY

AFF

UL LISTED

LED

BC

ROHS

TYPE 20

FC

EMERGENCY

AFF

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