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**NEW TIDAL WAVE AUTO SPA**

US 401  
ROLESVILLE,  
NC

OWNER:  
**TIDAL WAVE AUTO SPA**  
EAST THOMPSON STREET  
THOMASTON GEORGIA  
30286



MARK	DATE	DESCRIPTION
	02/26/24	PERMIT COMMENTS
	12/20/23	PERMIT SET

SHEET TITLE

**SITE POWER PLAN**

PROJECT DATE: 02/26/2024  
PROJECT NUMBER: 2023-0208  
DRAWN BY: GMF

**E1.1**

**KEY NOTES**

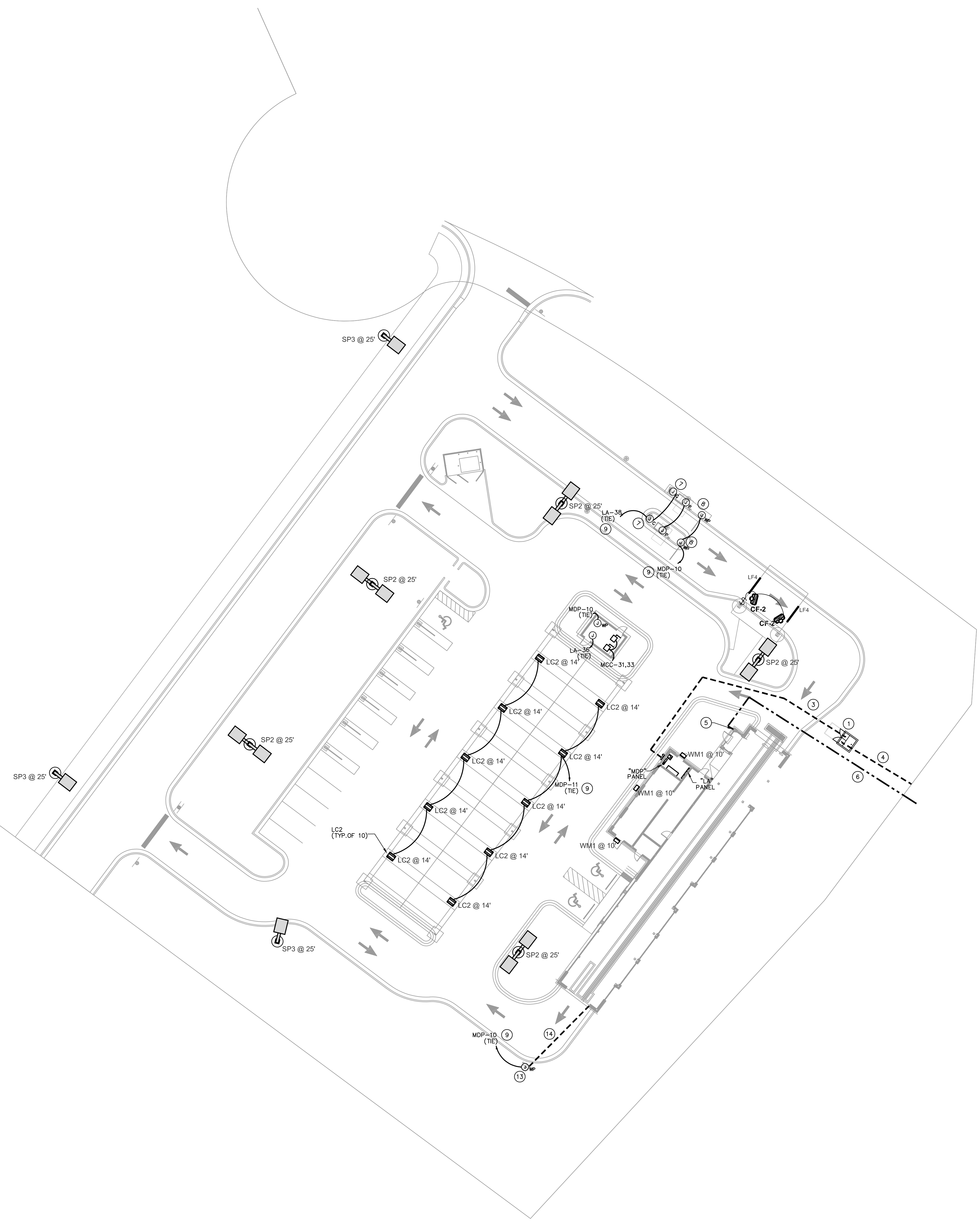
- 1 PROPOSED LOCATION OF PAD MOUNTED UTILITY TRANSFORMER. COORDINATE EXACT LOCATION WITH UTILITY PRIOR TO ROUGH IN.
- 2 PROPOSED LOCATION OF BUILDING METER / SHUNT TRIP BUTTON. REFER TO ELECTRICAL RISER DIAGRAM ON SHEET ES.1 FOR REQUIREMENTS.
- 3 PROPOSED ROUTING OF UNDERGROUND SERVICE LATERAL. COORDINATE EXACT ROUTING AS REQUIRED. REFER TO ELECTRICAL RISER DIAGRAM ON SHEET ES.1 FOR REQUIREMENTS.
- 4 PROPOSED ROUTING OF UNDERGROUND UTILITY PRIMARY. CONTRACTOR TO COORDINATE EXACT LOCATION AND REQUIREMENTS WITH UTILITY PRIOR TO STARTING ANY WORK.
- 5 LOCATION OF COMMUNICATION OUTLET IN OPERATOR'S STATION. REFER TO TELEPHONE DETAIL ON SHEET ES.1 FOR REQUIREMENTS.
- 6 PROPOSED ROUTING OF COMMUNICATION CONDUITS. COORDINATE EXACT ROUTING AS REQUIRED. REFER TO TELEPHONE DETAIL ON SHEET ES.1 FOR REQUIREMENTS.
- 7 PROVIDE ELECTRICAL AND DATA CONNECTION FOR PAY STATION KIOSKS. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH SYSTEM INSTALLER AND CONNECT FOR OPERATION.
- 8 JUNCTION BOX FOR PAY STATION / PREP CANOPY LIGHTING.
- 9 WIRE CIRCUIT THRU TIME CLOCK AND LIGHTING CONTACTOR. REFER TO ELECTRICAL RISER DIAGRAM ON SHEET ES.1 FOR REQUIREMENTS.
- 10 JUNCTION BOX FOR VACUUM ENCLOSURE LIGHTING. PROVIDE MANUAL SWITCH(ES) AT ENCLOSURE ENTRANCE FOR LIGHTING CONTROL.
- 11 JUNCTION BOX FOR VACUUM ENCLOSURE VENDING RECEPTACLE.
- 12 PROVIDE 60 AMP, NEMA 3R ELECTRICAL DISCONNECT FOR VACUUM MOTOR. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH SYSTEM INSTALLER AND CONNECT FOR OPERATION.
- 13 JUNCTION BOX FOR ELECTRICAL CONNECTION TO WAIT & GO LIGHT (30-C). COORDINATE EXACT LOCATION AND REQUIREMENTS WITH CAR WASH VENDOR DRAWINGS PRIOR TO ROUGH IN AND CONNECT FOR OPERATION.
- 14 (2) 3/4" CONDUITS UNDER SLAB FOR WAIT & GO CAMERA AND WAIT & GO LIGHT 120V RELAY. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH CAR WASH VENDOR DRAWINGS PRIOR TO ROUGH IN AND CONNECT FOR OPERATION.
- 15 JUNCTION BOX FOR POWER TO CANOPY FAN.

**GENERAL NOTES**

- REFER TO SITE LIGHTING FIXTURE SCHEDULE ON SHEET E1.2 FOR REQUIREMENTS OF FIXTURES.
- REFER TO LIGHTING PLAN ON SHEET E2.1 FOR WALL PACK ELECTRICAL REQUIREMENTS.
- ALL SITE LIGHTING POLES INDICATED ON THIS SHEET WILL BE POWERED, CONTROLLED, AND SERVICED BY THE LOCAL UTILITY COMPANY.

**GENERAL MECHANICAL POWER NOTE**

REFER TO SHEET ES.1, MECHANICAL EQUIPMENT-ELECTRICAL SCHEDULE, FOR POWER REQUIREMENTS TO ALL MECHANICAL EQUIPMENT INDICATED ON THIS SHEET.



**1 SITE POWER PLAN**  
SCALE: 1" = 20'-0"

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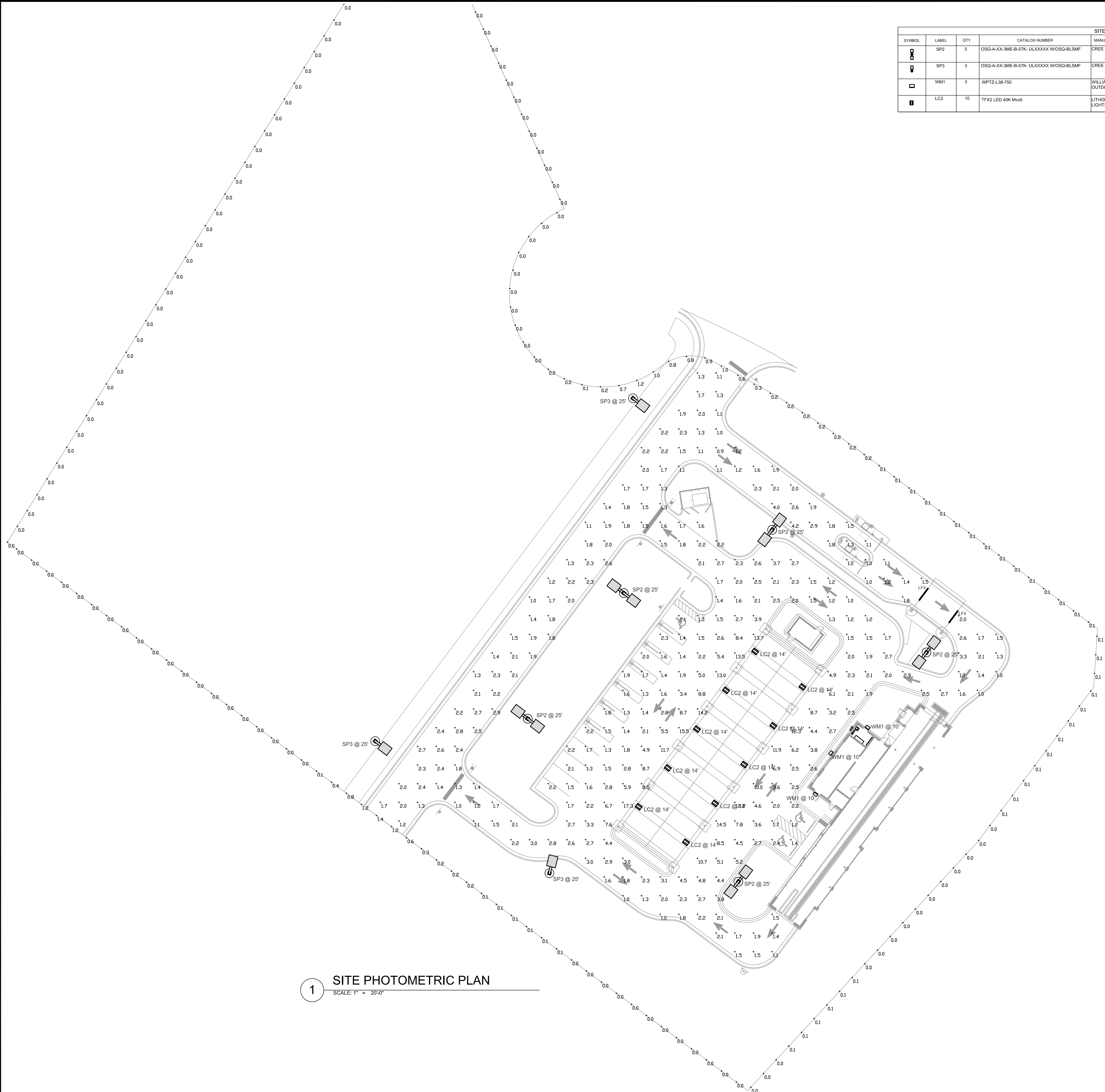
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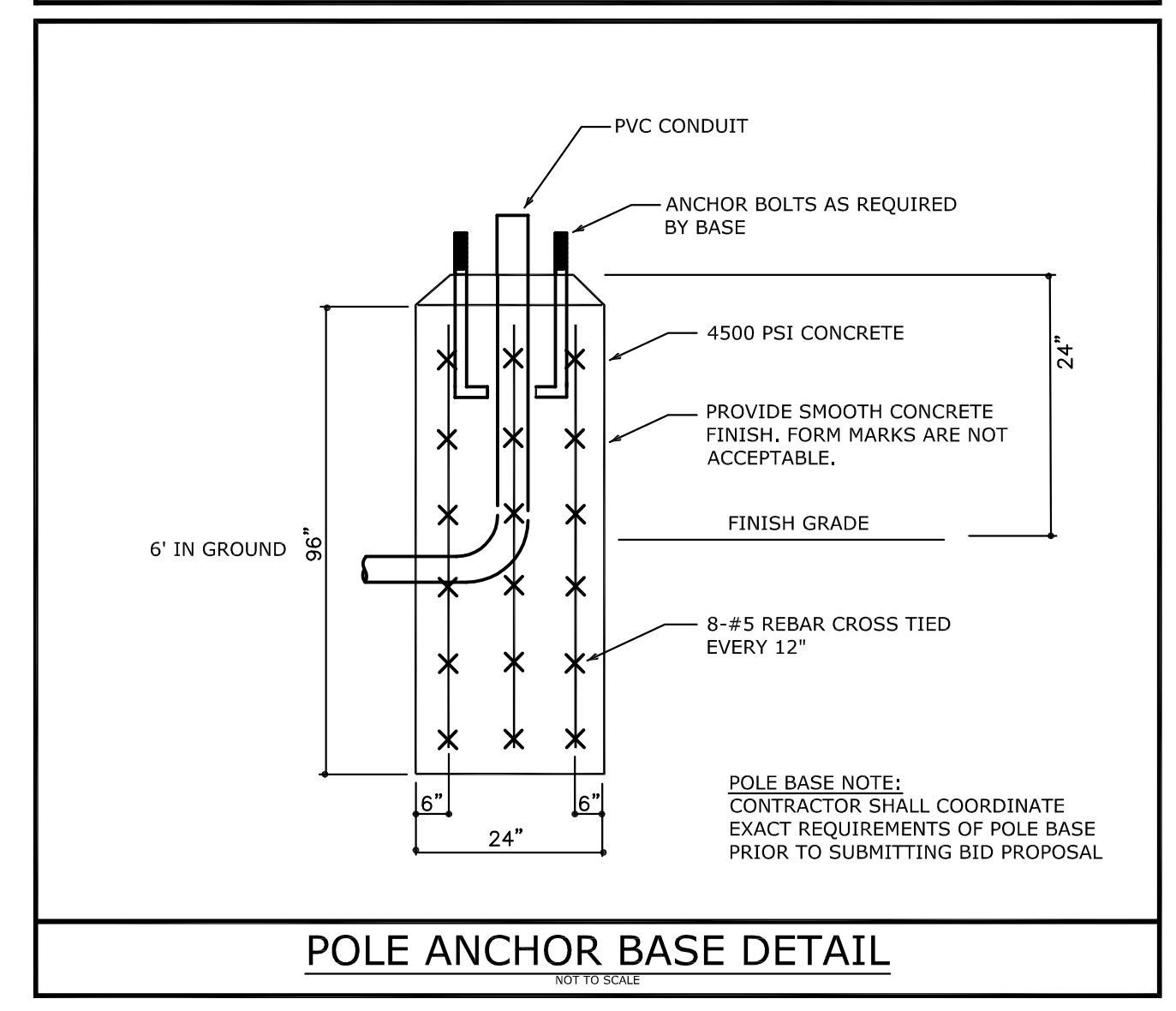
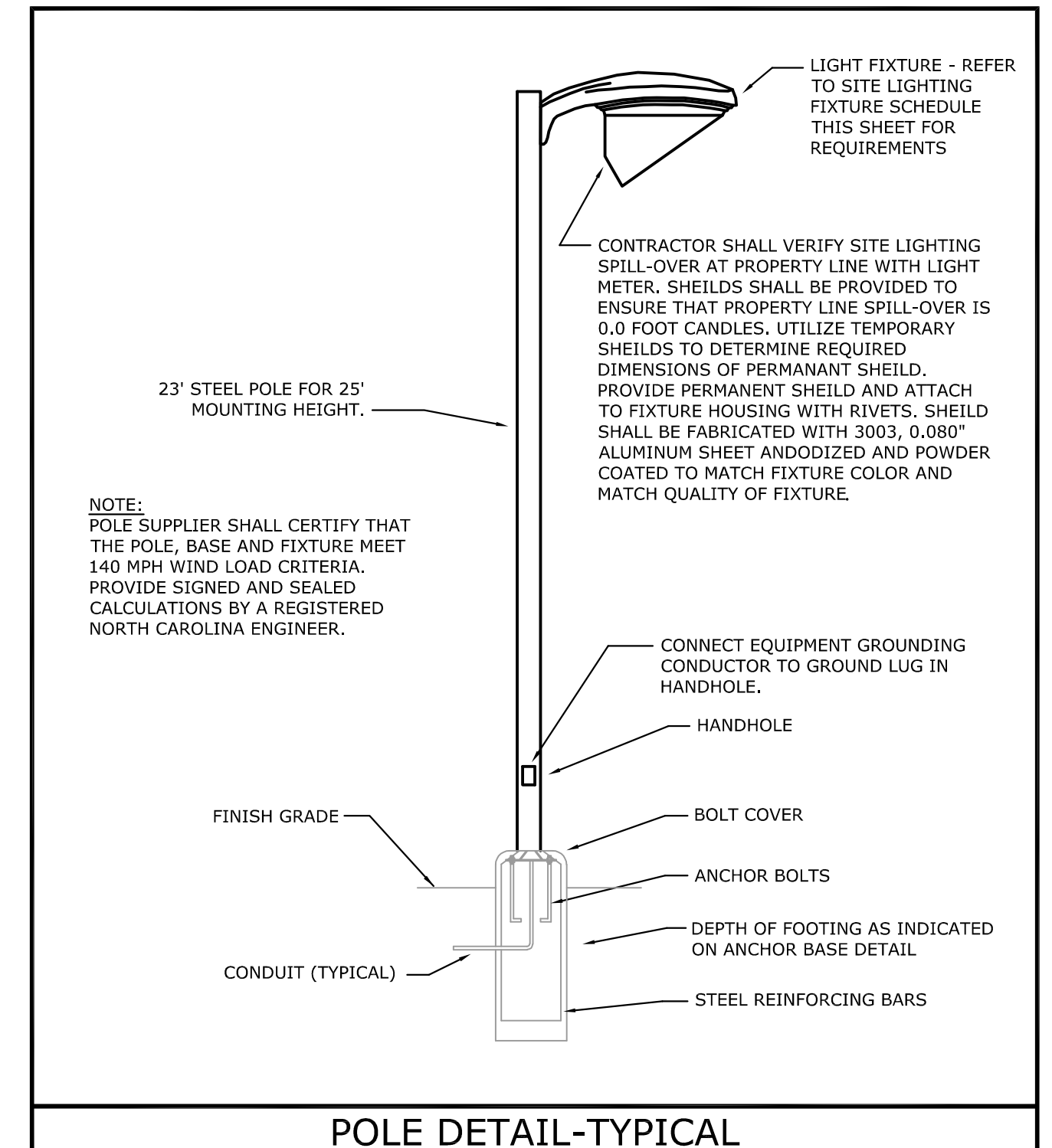


SITE LIGHTING FIXTURE SCHEDULE								
SYMBOL	LABEL	QTY	CATALOG NUMBER	MANUFACTURER	DESCRIPTION	LUMENS PER LAMP	LIGHT LOSS FACTOR	WATTAGE
	SP2	5	OSQ-A-XX-3ME-B-57K-ULXXXXX WOSO-BLSMF	CREE INC	CREE OSQ SERIES AREA LUMINAIRE, TYPE III MEDIUM W/ BACKLIGHT SHIELD, B INPUT POWER DESIGNATOR, 5700K	9196	0.9	172
	SP3	3	OSQ-A-XX-3ME-B-57K-ULXXXXX WOSO-BLSMF	CREE INC	CREE OSQ SERIES AREA LUMINAIRE, TYPE III MEDIUM W/ BACKLIGHT SHIELD, B INPUT POWER DESIGNATOR, 5700K	9196	0.9	86
	WM1	3	WPTZ-L38-750	WILLIAMS OUTDOOR	MEDIUM TRAPEZOID WALLPACK	3829	0.9	41.57
	LC2	10	TFX2 LED 40K Mvort	LITHONIA LIGHTING	TFX2-SERIES FLOODLIGHT, 4000K, 70CRI AND TYPE FL DISTRIBUTION	16358	0.9	94

STATISTICS						
DESCRIPTION	SYMBOL	AVG	MAX	MIN	MAX/MIN	AVG/MIN
PARKING LOT	+	2.8 fc	17.3 fc	0.9 fc	19.2:1	3.1:1
BOUNDARY LINE	+	0.1 fc	1.4 fc	0.0 fc	N/A	N/A



1 SITE PHOTOMETRIC PLAN  
SCALE: 1" = 20'-0"



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**SITE PHOTOMETRIC PLAN**

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E1.2