

SITE LIGHTING GENERAL NOTES

1. POLE LOCATIONS, LIGHT FIXTURES AND FIXTURE MOUNTING HEIGHTS HAVE BEEN CAREFULLY SELECTED IN ORDER TO MEET REQUIRED LIGHTING LEVELS. ANY REQUESTED CHANGES MUST BE IN WRITING TO THE ENGINEER AND ACCOMPANIED BY A PHOTOMETRIC PLAN INDICATING THE COMPLIANCE WITH THE OWNERS AND THE LOCAL ORDINANCE LIGHTING REQUIREMENTS. CHANGES MUST BE APPROVED IN WRITING BY THE ENGINEER. FAILURE TO COMPLY WITH THIS REQUIREMENT MAY RESULT IN THE CONTRACTOR REPLACING OR RELOCATING FIXTURES AND/OR POLES AT THEIR EXPENSE.

SITE UTILITIES PLAN KEY NOTES

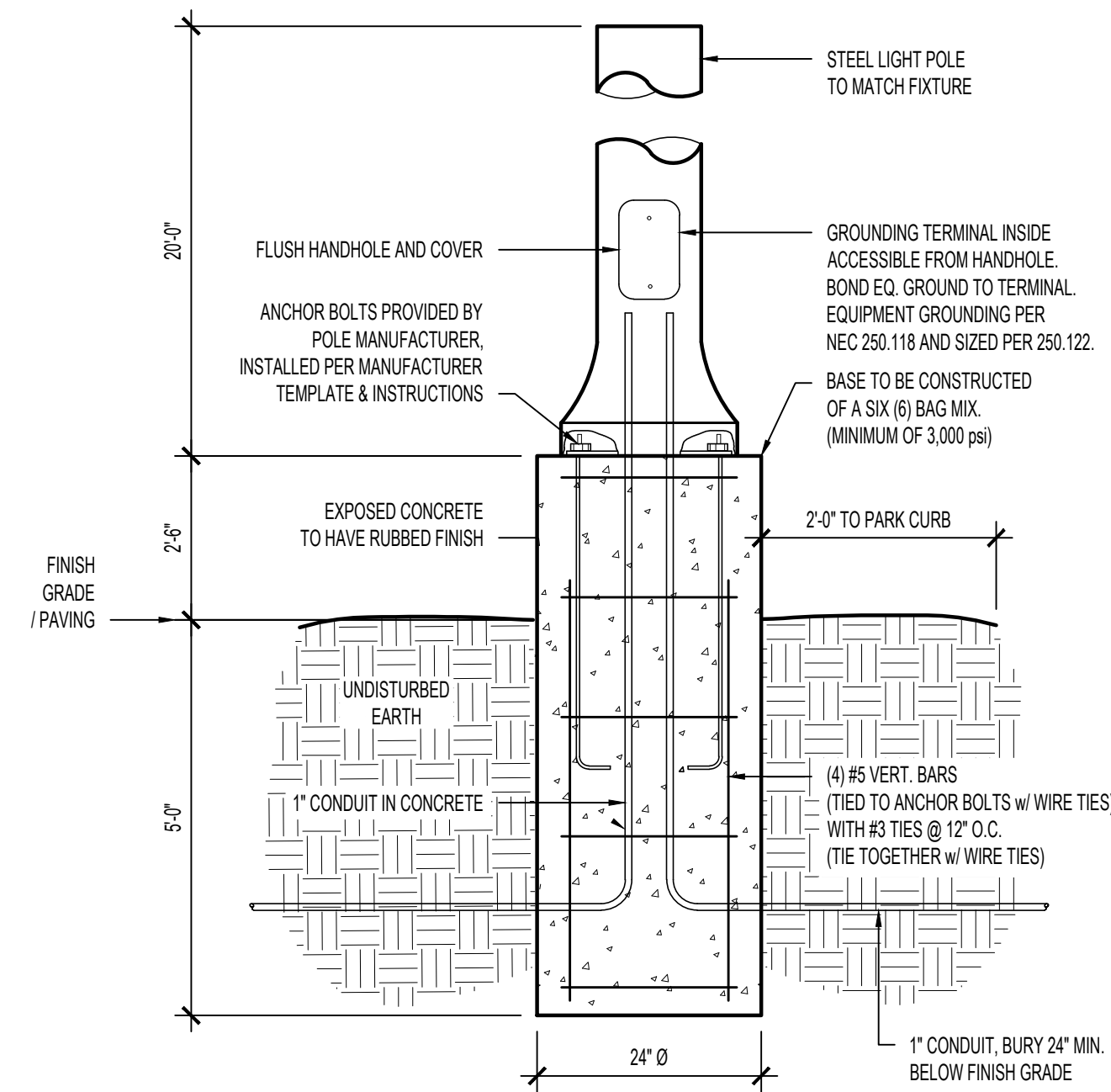
- ① GAS TORCH WALL SCONCE. COORDINATE MAKE & MODEL WITH OWNER PRIOR TO INSTALLATION. RE: INFILL MEP PLANS FOR GAS ROUTING.
- ② BUILDING MONUMENT SIGN. COORDINATE EXACT LOCATION AND FINAL ELECTRICAL REQUIREMENTS PRIOR TO INSTALLATION.

SITE LIGHTING SCHEDULE												
MARK	MANUFACTURER*	MODEL NO.*	TYPE	VOLTS	AMPS	WATTS	LUMENS	CCT (*K)	CRI	LAMPS	MOUNTING	REMARKS
S1	MCGRW EDISON	GLEON-AF-03-LED-E1-5WQ	POLE LIGHT	120	1.53	166	19,580	4000	70	LED	POLE	POLE: SSS, COLOR TO BE BLACK
S2	MCGRW EDISON	GLEON-AF-03-LED-E1-T4FT	POLE LIGHT	120	1.53	166	18,702	4000	70	LED	POLE	POLE: SSS, COLOR TO BE BLACK
S3	MCGRW EDISON	GLEON-AF-02-LED-E1-SLL	POLE LIGHT	120	1.02	113	10,949	4000	70	LED	POLE	POLE: SSS, COLOR TO BE BLACK
S4	HALO	SLD612-80-40-WH	6" SURFACE DOWNLIGHT	120	0.12	15	1,215	4000	80	LED	SURFACE	DAMP LOCATION
S5	LUMARK	NFFLD-S-C70-D-UNV-33	TIGHT SPOT FLOOD LIGHT	120	0.21	26	2,883	4000	70	LED	GROUND	
S6	LUMARK	NFFLD-S-C70-D-UNV-66	FLOOD LIGHT	120	0.15	20	2,682	4000	70	LED	GROUND	
S7				120							WALL	LIGHT PROVIDED BY OWNER. INSTALLED BY ELEC CONTRACTOR

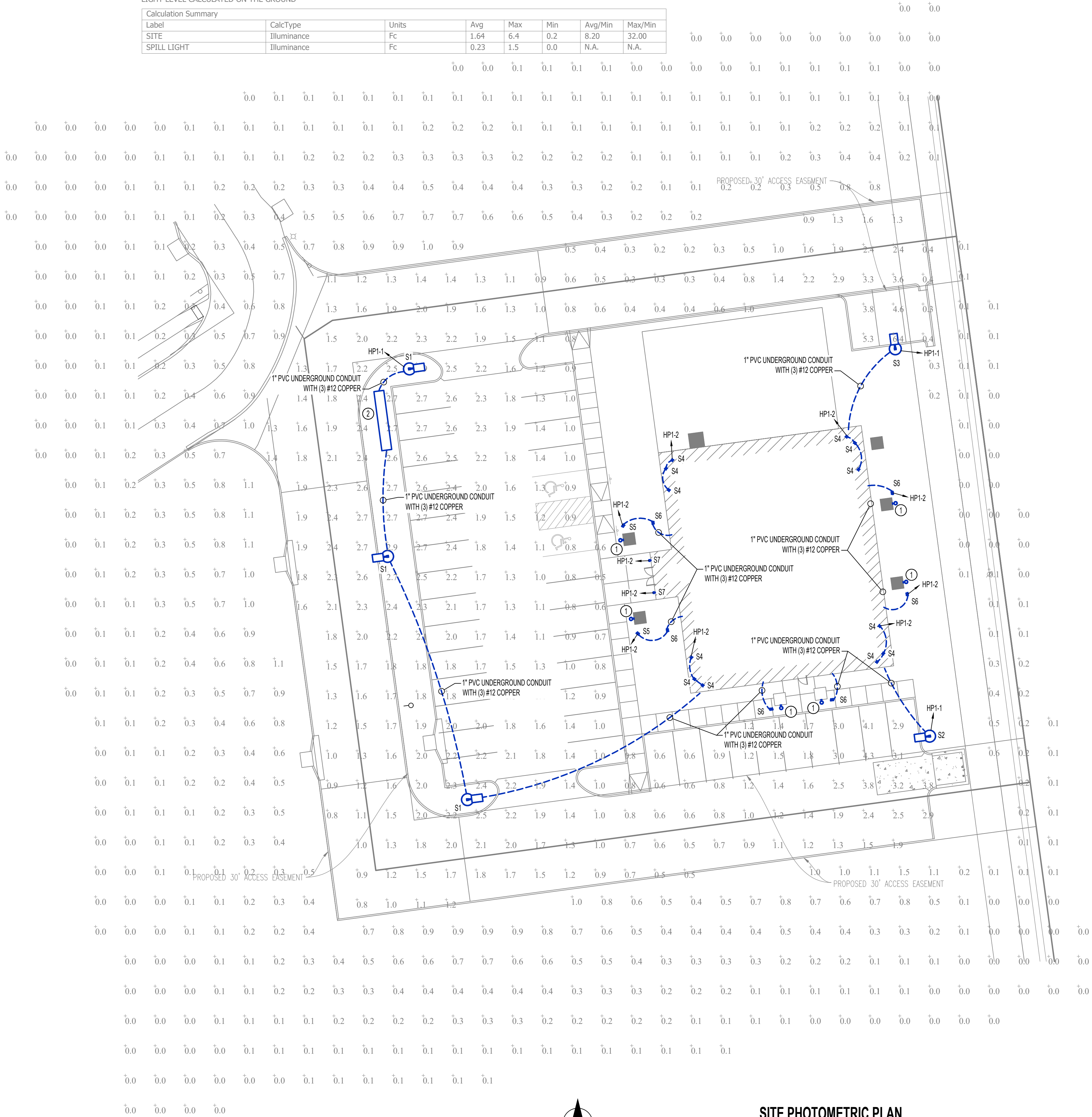
* OR EQUAL

POLE FIXTURES MOUNTED ON 20' POLE & 2.5' BASE
LIGHT LEVEL CALCULATED ON THE GROUND

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
SITE	Illuminance	Fc	1.64	6.4	0.2	8.20	32.00
SPILL LIGHT	Illuminance	Fc	0.23	1.5	0.0	N.A.	N.A.



TYPICAL LIGHT POLE DETAIL



SITE PHOTOMETRIC PLAN

SCALE: 1" = 20'

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ISSUE TITLE	DATE
SITE LIGHTING	08 - 06 - 2019

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Mark Timberlake, P.E. AUGUST 06, 2019
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MO Certificate of Authority #2006012388



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PROJECT No. 15450 DESIGNED BY CAT
DRAWN BY CAT CHECKED BY MBT

PROJECT
**DENTAL OFFICE - LEE'S SUMMIT
(STROTHER CROSSING)
SHELL BLDG. ONLY**

Lee's Summit, Jackson County, Missouri

SHEET TITLE

SITE PHOTOGRAPHIC

SHEET NUMBER

MEP3