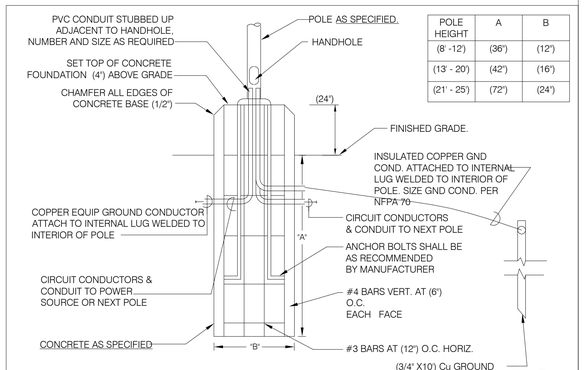
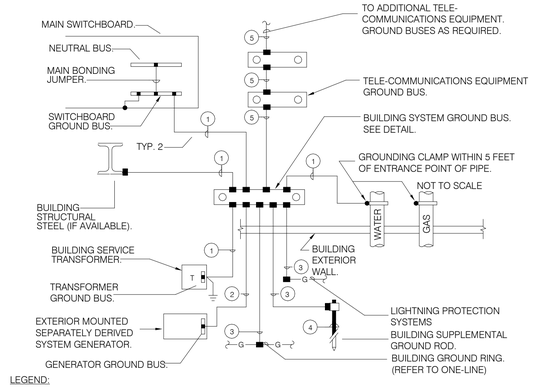


POLE HEIGHT	A	B
(8' -12')	(36")	(12")
(13' - 20')	(42")	(16")
(21' - 25')	(72")	(24")

POLES LOCATED IN PEDESTRIAN AREAS WILL EITHER BE FLUSH OR EXTEND ONLY 6" ABOVE PAVING. COORDINATE WITH ARCHITECT PRIOR TO FORMING. UTILIZE SONOTUBE FOR FORMING BASES.

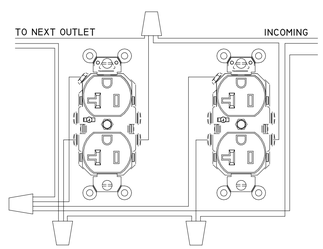
POLE BASE DETAIL 6
NOT TO SCALE



LEGEND:

- ● INDICATES BOLTED CONNECTION.
- ■ INDICATES EXOTHERMIC WELD CONNECTION, COMPATIBLE WITH MATERIALS BEING JOINED.
- (1) 4/0 AWG INSULATED COPPER GROUND CONDUCTOR IN 1.5" CONDUIT.
- (2) 4/0 AWG COPPER GROUND CONDUCTOR ENCASED IN CONCRETE.
- (3) 4/0 AWG BARE COPPER GROUND CONDUCTOR.
- (4) (3/4" x 10'-0") LONG COPPER-CLAD GROUND ROD DRIVEN WITH TOP (12") BELOW GRADE.
- (5) 4/0 AWG INSULATED COPPER GROUND CONDUCTOR IN 1.5" CONDUIT.

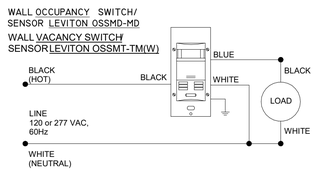
SYSTEM GROUNDING 3
NOT TO SCALE



NOTES:

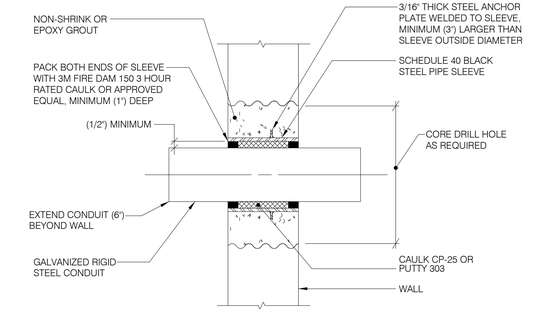
1. CIRCUITING TO ALL NON DEDICATED ELECTRICAL RECEPTACLES AND SWITCHES ARE REQUIRED TO UTILIZE PARALLEL CIRCUITING BY THE USE OF "PIG TAILS" TO EACH DEVICE SO THAT IF AN OUTLET IS REMOVED OR FAILS ELECTRICAL CONTINUITY THE CIRCUIT WILL NOT BE COMPROMISED.
2. ALL ELECTRICAL WIRING MUST BE PROPERLY SPLICED BY TWISTING THE WIRES TOGETHER AND USE OF APPROVED AND LISTED COMPRESSION WIRE NUTS FOR ANY WIRING.

RECEPTACLE INSTALLATION - PIG TAIL 8
NOT TO SCALE

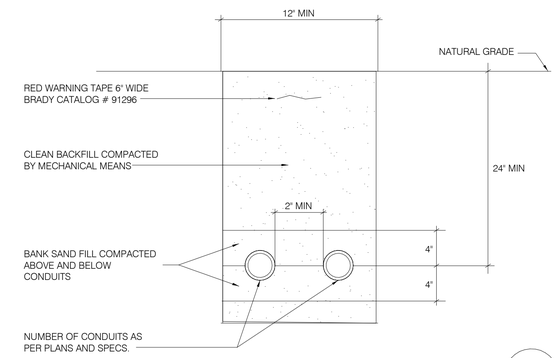


REFER TO FLOOR PLAN AND KEYED NOTES FOR WHICH SENSOR TO INSTALL (OCCUPANCY VS. VACANCY)

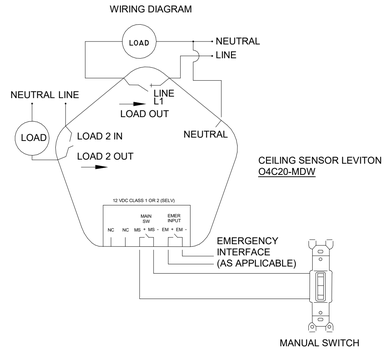
WALL OCCUPANCY/VACANCY SENSOR 5
NOT TO SCALE



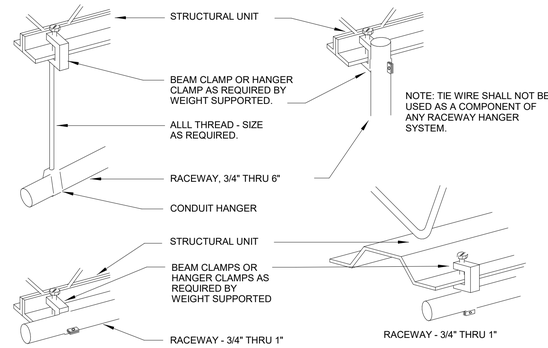
SLEEVE THRU WALL DETAIL 2
NOT TO SCALE



BURIED CONDUIT (OTHER THAN SERVICE) 7
NOT TO SCALE



CEILING OCCUPANCY/VACANCY SENSOR 4
NOT TO SCALE



TYPICAL RACEWAY SUPPORT METHODS 1
NOT TO SCALE

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ISSUES AND REVISIONS

NO	DATE	DESCRIPTION
A	07-22-2019	ISSUED FOR PERMIT
B	08-16-2019	ISSUED FOR BID

STATE OF TEXAS
DAVIA ANN GERNAND
109903
LICENSED
PROFESSIONAL ENGINEER
16 AUG 2019

GH SCHOOL
4724 N MAIN STREET

SHEET TITLE
DETAILS

SHEET NUMBER
E501

PROJECT # 19.02

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