2. PROVIDE ALL CONNECTIONS, PROGRAMMING, DEVICES, INTEGRATION, ETC. FOR

3. COORDINATE SPECIFIC DOOR REQUIREMENTS WITH SECURITY DRAWINGS.

# TYPICAL DOOR-ACCESS INSTALLATION

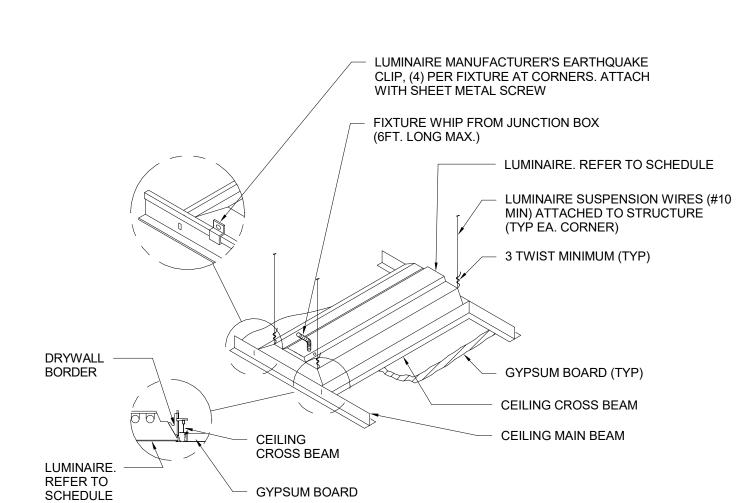
A COMPLETE AND OPERABLE SYSTEM.

NOT TO SCALE

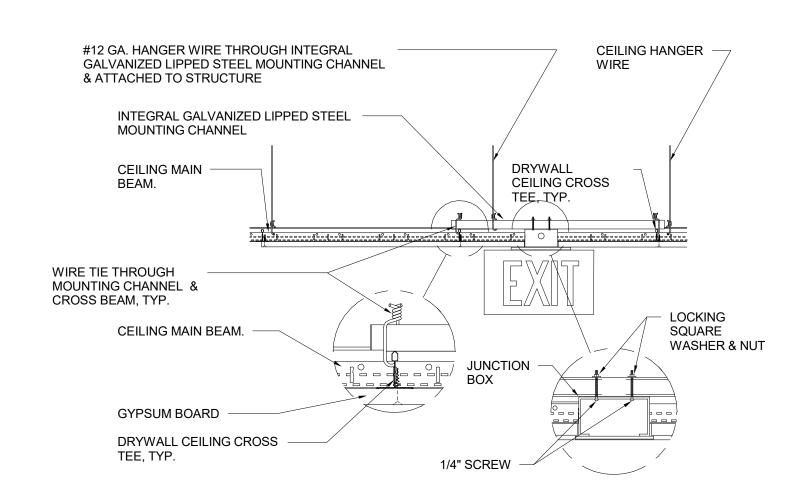
NOT TO SCALE

**CEILING HANGER** WIRE, TYP. 12GA. HANGER WIRE AT DIAGONAL CORNER ATTACHED TO STRUCTURE RECESSED CAN -LUMINAIRE WIRE TIE OR SCREW BAR HANGER TO CROSS BEAM TYP. CEILING CROSS BEAM LUMINAIRE BAR HANGERS CEILING MAIN BEAM -RECESSED CAN LUMINAIRE **CEILING BEAM** 

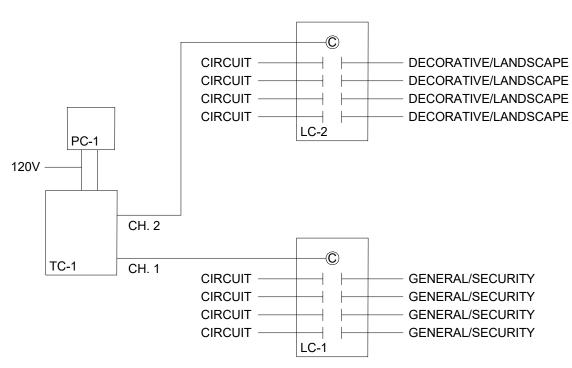
### DOWNLIGHT MOUNTING - HARD CEILING



#### LUMINAIRE MOUNTING - HARD CEILING NOT TO SCALE



**EXIT SIGN MOUNTING - HARD CEILING** NOT TO SCALE



- ONE (1) REMOTE PHOTOCELL (TORK #DGLC200ANC OR EQUAL). MOUNT PHOTOCELL FACING NORTHWARD AT 6" ABOVE ROOF EDGE AND MAKE FINAL CONNECTIONS TO TIME CLOCK PER MANUFACTURER'S LITERATURE.
- FOUR (4) 6-POLE ELECTRICALLY-HELD LIGHTING CONTACTORS. ANY SPARE POLES LEFT AVAILABLE DURING CONSTRUCTION MAY BE UTILIZED FOR ADDITIONAL EXTERIOR LIGHTING OF MATCHING UNLESS NOTED OR SCHEDULED OTHERWISE, ALL EXTERIOR LIGHTING FIXTURES SHALL BE CONTROLLED BY COMBINATION OF TIME CLOCK AND ROOF-MOUNTED PHOTOCELL. ALL EXTERIOR EMERGENCY FIXTURES AND EMERGENCY BATTERY BALLASTS ON THE NORMAL EXTERIOR LIGHTING HOMERUNS SHALL BE CONNECTED AHEAD OF THE LIGHTING CONTACTOR SO THAT THE EMERGENCY FIXTURES/BALLASTS REMAIN UN-SWITCHED AT ALL TIMES. CONTRACTOR SHALL PROVIDE NEMA 3R JUNCTION BOX AT ELECTRICAL SERVICE LOCATION. CONTRACTOR SHALL PROVIDE 3/4"C EMPTY CONDUIT WITH DRAG LINE TO LIGHTING CONTACTORS AS

SHOWN ON WIRING DIAGRAM.

OVERRIDE FUNCTION.

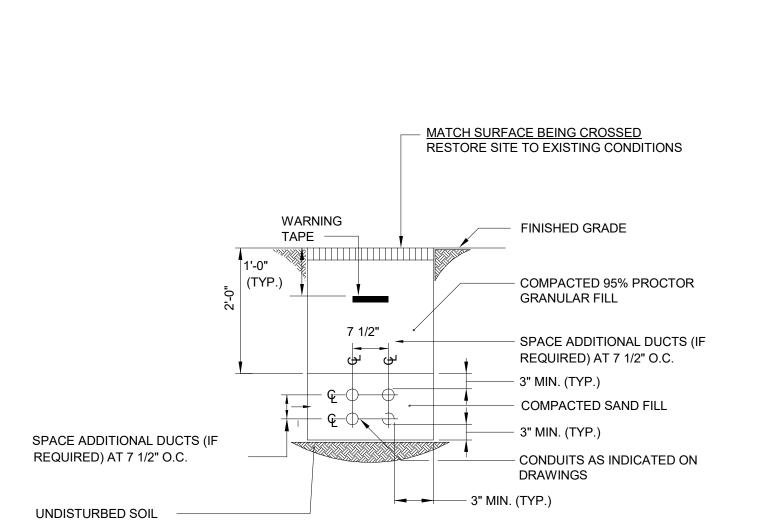
CONTROLS SHALL MEET ALL REQUIREMENTS LISTED PER 2018 IECC SECTION C405.2.6. CONTRACTOR SHALL PROVIDE AND INSTALL:

OR EQUAL). DEVICE SHALL BE PROVIDED WITH BUILT-IN MANUAL

- ONE (1) 2-CHANNEL ASTRONOMICAL TIMECLOCK (TORK #DGLC200ANC

### BUILDING EXTERIOR LIGHT CONTROL

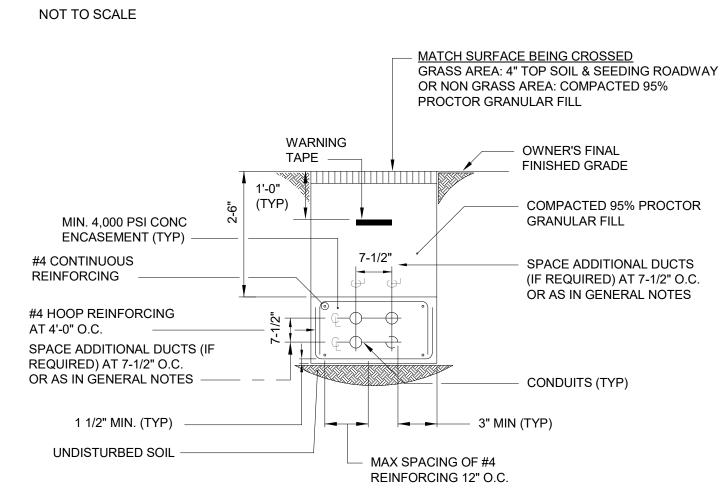
NOT TO SCALE



## DETAIL GENERAL NOTES

- 1. SPACING REQUIREMENTS ARE UNLESS OTHERWISE NOTED.. 2. POWER AND CONTROL CONDUITS TO HAVE MINIMUM 12" OF SEPARATION
- BETWEEN CONDUITS.

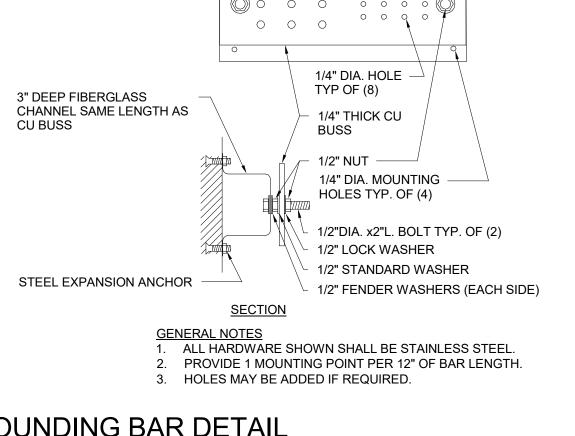
### DIRECT-BURIED CONDUIT INSTALLATION



### DETAIL GENERAL NOTES

- PROVIDE CONCRETE DUCT BANK FOR ALL UNDERGROUND CIRCUITING WHERE INDICATED ON DRAWINGS, AND AS OTHERWISE REQUIRED PER SPECIFICATIONS. PROVIDE INDICATED REINFORCING ONLY WHERE ROUTED BENEATH PAVED AREAS AND AS OTHERWISE REQUIRED BY SPECIFICATIONS.
- 3. POWER AND CONTROL CIRCUITS SHALL HAVE A MINIMUM OF 12" (ON CENTER) OF SEPARATION BETWEEN CONDUITS IN DUCT BANK.

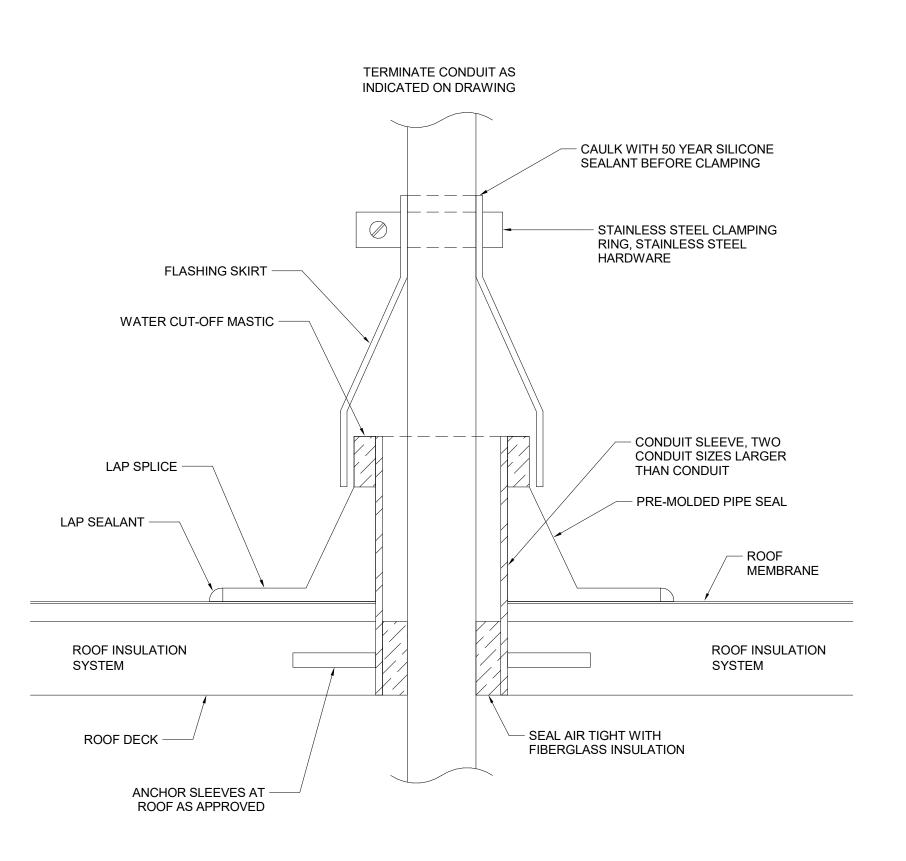
CONCRETE-ENCASED CONDUIT INSTALLATION



### **GROUNDING BAR DETAIL**

NOT TO SCALE

3/8" DIA. HOLE TYP. OF (6)



#### DETAIL GENERAL NOTES

- PRIOR TO PERFORMING ANY WORK, COORDINATE ALL WORK WITH ROOF MANUFACTURER.
- PERFORM WORK IN STRICT ACCORDANCE WITH ALL ROOF MANUFACTURER REQUIREMENTS SO AS NOT TO VOID ANY AND ALL WARRANTEE PROVISIONS. 3. COORDINATE WORK WITH ALL OTHER TRADES.

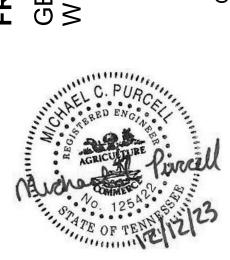
TYPICAL CONDUIT FLASHING DETAIL

NOT TO SCALE

PULLBOX (SEE SPECIFICATIONS) GRADE, FEATHER & TAMP BACKFILL TO CREATE FLUSH INSTALLATION AND POSITIVE DRAINAGE AWAY FROM BOX LINE SIDES OF EXCAVATION WITH 30 LBS. FELT PAPER (4) CONCRETE BRICKS 2"x8"x16" CONDUIT(S) WITH BELL ENDS CLEAN 3/4" CRUSHED ROCK (TYP). SIZE, QUANTITY AND WIRING AS INDICATED ON PLANS

UNDERGROUND CONCRETE PULLBOX NOT TO SCALE

engineering genesis group, llc 134 fourth avenue north project #: 23-168



NOT TO SCALE