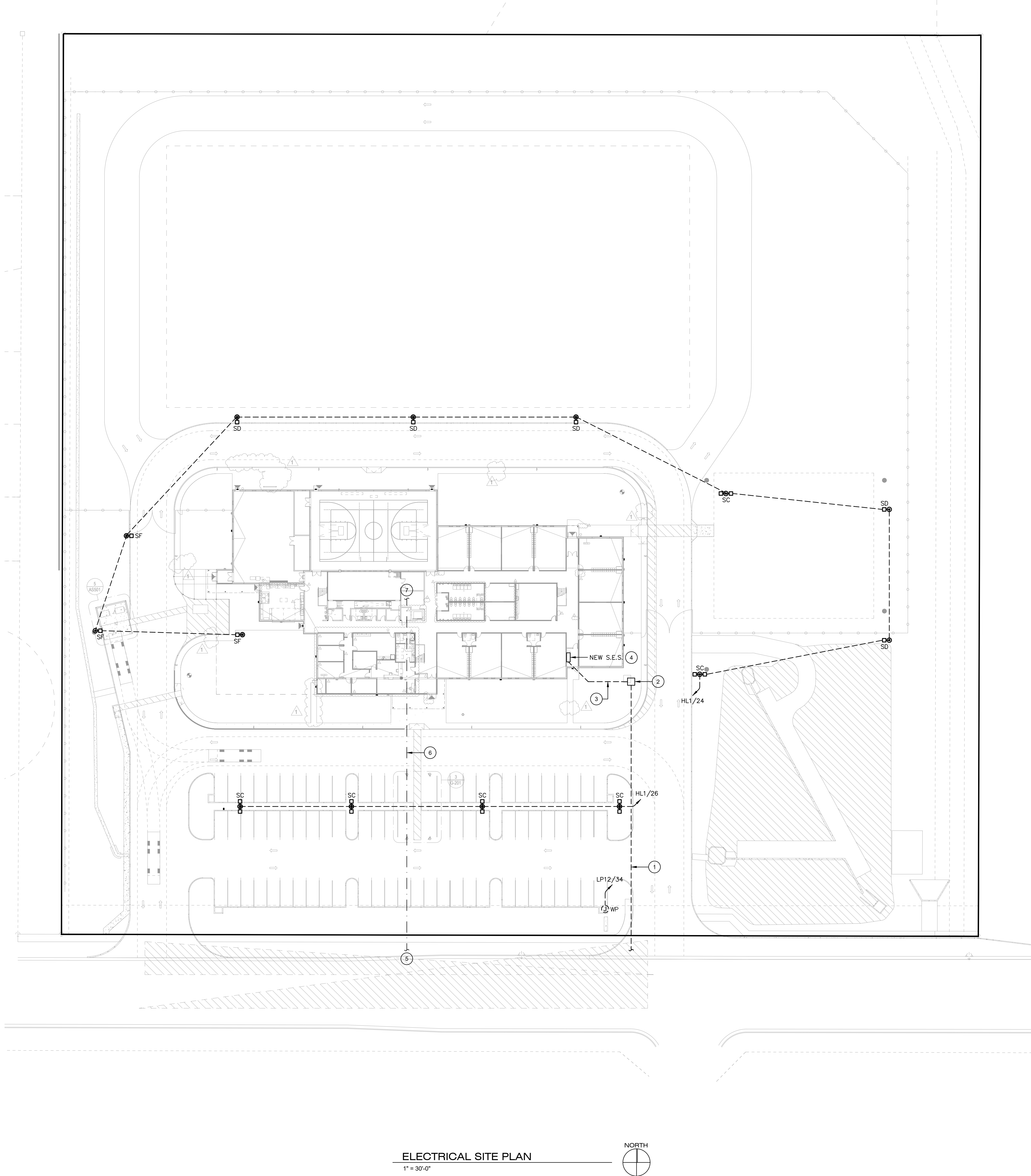




KEYED NOTES:

- PRIMARY FEEDER BY MVEA.
- NEW MVEA TRANSFORMER AND CONCRETE PAD PROVIDED AND INSTALLED BY MVEA.
- NEW FEEDER FROM THE MVEA TRANSFORMER TO THE SES. REFER TO THE ONELINE DIAGRAM ON SHEET E-501 FOR FEEDER CONDUIT/WIRE SIZE.
- NEW 800A, 480Y/277V, 3ø, 4W, SES.
- ROUTE CONDUITS TO THE TELECOM COMPANY SOURCE.
- NEW (2) 4" C, WITH PULLSTRING, FROM THE TELECOM COMPANY SOURCE TO IT 129, PER TELECOM COMPANY SPECIFICATIONS AND REQUIREMENTS.
- STUB-UP CONDUITS IN IT 129. COORDINATE EXACT STUB-UP LOCATION WITH THE OWNER.

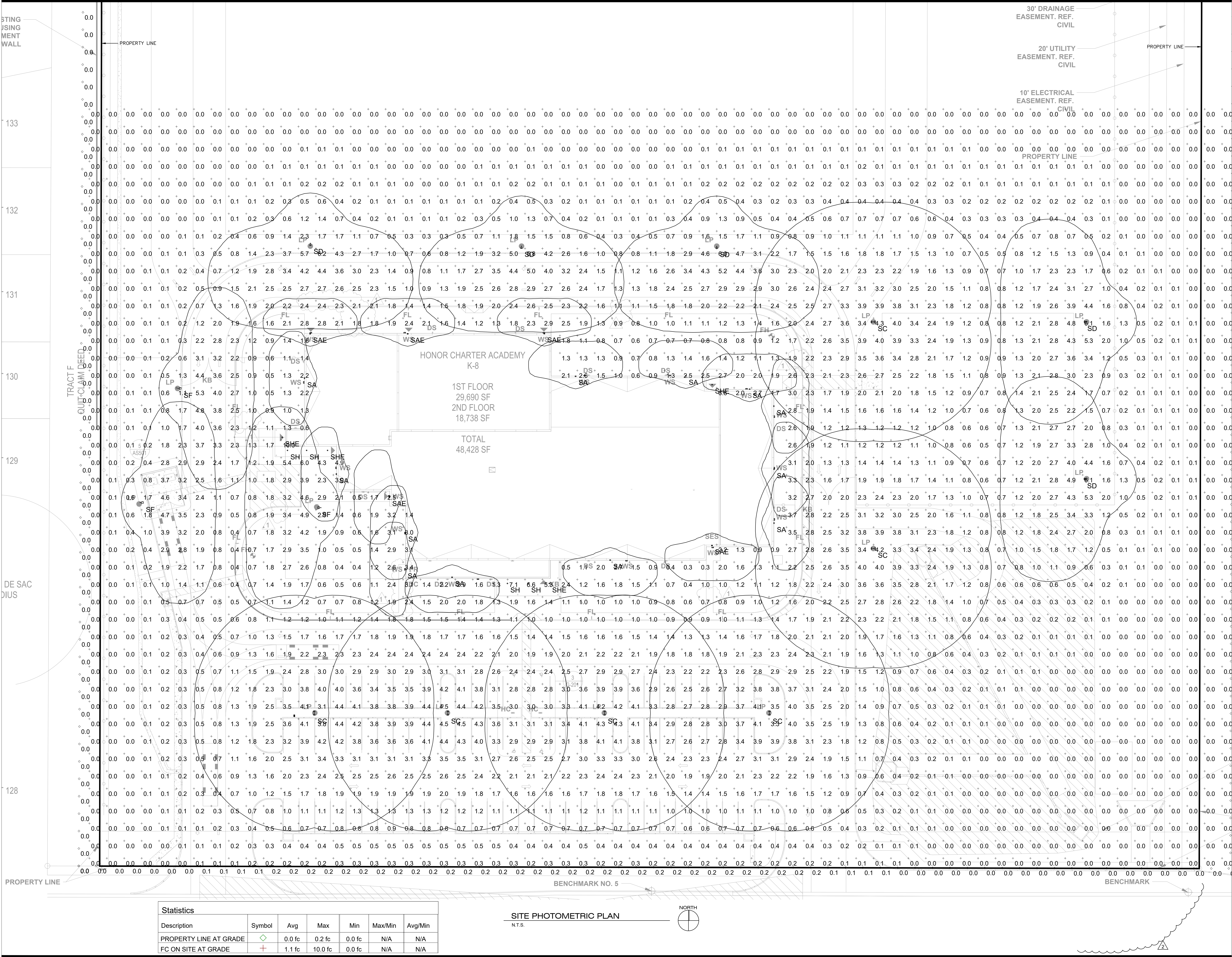
NOTES:

- COORDINATE ALL WORK WITH OTHER TRADES, OWNER, RIGHT-OF-WAY FOR OTHER UTILITIES AND THE PROJECT MANAGER.
- ROUTING OF ALL TRENCHES FOR POWER AND TELECOM FEEDERS ARE SHOWN FOR ESTIMATING PURPOSES ONLY. ACTUAL ROUTING AND LOCATION, AS WELL AS DEPTH OF ALL TRENCHING SHALL BE AS COORDINATED WITH OTHER UTILITIES BY THE CONTRACTOR.
- CONTRACTOR SHALL PROVIDE AND INSTALL MANHOLES/PULLBOXES/HANDHOLES, AS REQUIRED, TO FACILITATE INSTALLATION OF POWER AND TELECOM FEEDERS.
- ALL CONDUITS SHOWN ON THIS PLAN SHALL BE RUN UNDERGROUND AT A MINIMUM OF 24" BELOW GRADE, UNLESS REQUIRED OTHERWISE BY THE UTILITY COMPANY.
- PROVIDE A MINIMUM OF 24" SEPARATION BETWEEN POWER AND TELECOM CONDUITS.
- ALL UNDERGROUND CONDUITS SHALL BE PVC SCHEDULE 40, UNLESS REQUIRED OTHERWISE BY THE UTILITY COMPANY.
- ALL UNDERGROUND BENDS AND ALL RISERS SHALL BE TAPED RGS OR PVC COATED RIGID CONDUIT, UNLESS REQUIRED OTHERWISE BY THE UTILITY COMPANY.
- ALL EXTERIOR ABOVE GROUND CONDUIT SHALL BE RGS.
- MINIMUM CONDUIT SIZE SHALL BE 1".
- MINIMUM WIRE SIZE SHALL BE #8 THHN/THWN-2 CU.
- REFER TO THE PANEL SCHEDULES FOR CONDUIT/WIRE SIZE AND LOAD DESIGNATIONS. THERE SHALL BE NO SHARED NEUTRALS.
- POLE MOUNTED LIGHT FIXTURES SHALL BE CONTROLLED AS FOLLOWS - PHOTOCELL ON, ASTRONOMIC TIME CLOCK OFF (DUSK TO DAWN SECURITY LIGHTING).
- REFER TO SHEET E-801 FOR THE LUMINAIRE SCHEDULE.

REV. #	DESCRIPTION	DATE
1	AS1 #1 ARE COORDINATION	08/12/26
2	AS1 #2 EPC COMMENTS	08/25/26

DATE OF ISSUE: 04.30.2026
PHASE: CONSTRUCTION DOCUMENTS
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GRACE PROJECT NO: 3225193

ELECTRICAL
SITE PLAN



Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
PROPERTY LINE AT GRADE	◇	0.0 fc	0.2 fc	0.0 fc	N/A	N/A
FC ON SITE AT GRADE	+	1.1 fc	10.0 fc	0.0 fc	N/A	N/A

SITE PHOTOMETRIC PLAN
N.T.S.



Grace Design Studios

CONSULTANT: Zee Engineering Group, LLC
PROJECT: 26030
1830 S. Alma School Road, Suite 100, Mesa, Arizona 85210
V. 480.222.8835 F. 480.222.8836

SIGN / SEAL: [Professional Engineer Seal]

OWNER/CLIENT: Honor Charter School Building Corporation
12577 E. Caley Avenue, Centennial, Colorado 80111
Tammy Sweeris
tammy@hightmarkschools.com

REVISIONS:

REV.	DESCRIPTION	DATE
1	AS1 #1 ARE COORDINATION	08/12/20
2	AS1 #2 EPC COMMENTS	08/25/20

DATE OF ISSUE: 04/30/2026
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SITE PHOTOMETRIC PLAN

ES-112



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OWNER/CLIENT

[illegible][illegible]

SH/SHE

LDN6

Emergency Battery Pack Options - Field Installable

Battery Model Number	Wattage	Runtime (Min/Sec)	Lumen Output/ft ² @ 100 Lumens/ft ² ft	Other
RLR1P07-20-A	7W	120	840	Scans 360° / 2 Hour Runtime
RLR1P07-A	10W	90	1200	
RLR1P07SE-30-A	30W	90	1200	Title-20 Self Diagnostic
RLR1P07SE-60-A	150W	90	1800	Title-20 Self Diagnostic
RLR1P07SE-100-A	200W	90	2000	Title-20
RLR1P07SE-200-A	200W	90	2000	Title-20 Self Diagnostic
RLR1P07SE-300-A	300W	90	1200	140' 40W/Ac Input, Title-20, Self Diagnostic
RLR1P07SE-300-A	150W	90	1800	140' 40W/Ac Input, Title-20, Self Diagnostic

All the above are UL listed products that are certified for field installation/replacement to the fixture.

*Minimum delivered lumens output to assist in product selection for increased fixture mounting height.

The PSE (packaged emergency) (Batteries and options below) - RLR1P07SE-300-A (packaged emergency) (Batteries).

Please contact us at sales@acuitybrands.com for any Emergency Battery related questions.

CONFIGURABLE 10W WALL MOUNT DIMMERS			
Acuity DRIVER	PMW-00	POWER DRIVER	ACUITY DRIVER
	0-10V DVI		
	0-10V DVCIT		
	0-10V P-TRIVIT		
Lutron®	0-10V DVI		
	0-10V 0-10W		0-10000
	0-10V 0-10W		0-1000
	0-10V 0-10W		0-1000
Lutron®	0-10V 0-10W		0-1000
	0-10V 0-10W		0-1000
	0-10V 0-10W		0-1000
	0-10V 0-10W		0-1000
Signify®	0-10V DVI		
	0-10V DVI		
	0-10V DVI		
	0-10V DVI		
Onega Lighting Controls	0-10V DVI		
	0-10V DVI		
	0-10V DVI		
	0-10V DVI		
Concentric Technology	0-10V DVI		
	0-10V DVI		
	0-10V DVI		
	0-10V DVI		
Honeywell	0-10V DVI		
	0-10V DVI		
	0-10V DVI		
	0-10V DVI		
HENT Dimming	0-10V DVI		
	0-10V DVI		
	0-10V DVI		
	0-10V DVI		
Lithonia Electronic Products	0-10V DVI		
	0-10V DVI		
	0-10V DVI		
	0-10V DVI		
PSE/Technical Products	0-10V DVI		
	0-10V DVI		
	0-10V DVI		
	0-10V DVI		
ScarfM Controls	0-10V DVI		
	0-10V DVI		
	0-10V DVI		
	0-10V DVI		
RapidResponse	0-10V DVI		
	0-10V DVI		
	0-10V DVI		
	0-10V DVI		

 Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent appearance and out-of-the-box control capability with simple commissioning when used with Acuity Brands controls products.

All configurations of this luminaire are calibrated and tested meet the Acuity Brands' specification for chromatic consistency - including color rendering, color fidelity and color temperature tolerance around standard CIE chromaticity coordinates.

To learn more or A+ visit www.acuitybrands.com/aplus

 LITHONIA LIGHTING

DOWNS LIGHTING 1 Acuity Way, Decatur, GA 30035 Phone: 800-755-8871 (7728) www.lithonia.com

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1086

HONOR CHARTER SCHOOL
HONOR CHARTER SCHOOL BUILDING CORPORATION
829250 Bent Grass Meadows Drive, Peyton, Colorado/ 80831
Owner Project No.3225193
AGENCY NUMBER-AHCA-123456.78

[illegible]

DATE OF ISSUE: 01.09.2000

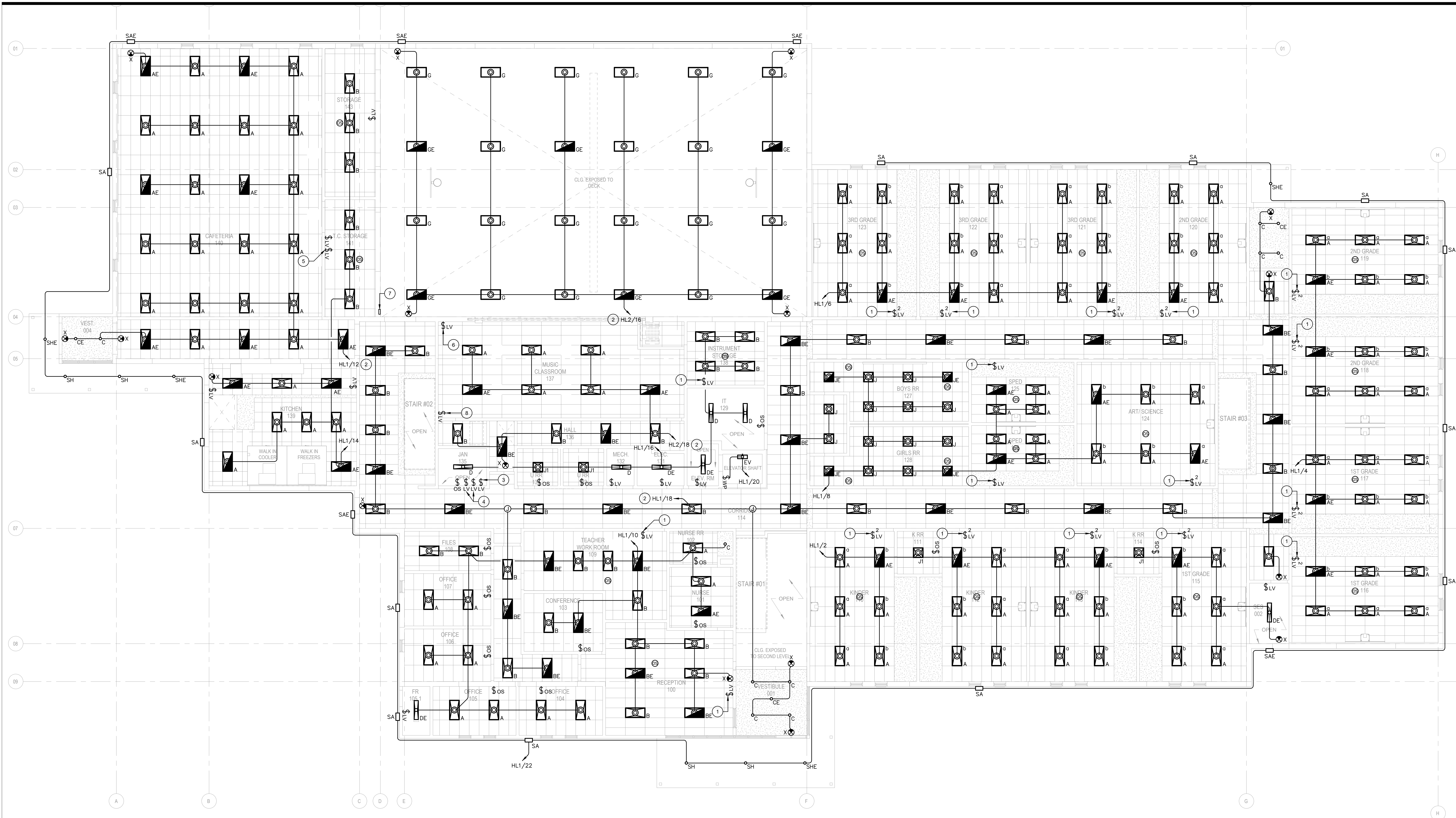
PHASE:

ISSUED FOR:

GRACE PROJECT NO:

3225193

CUTSHEETS



FIRST FLOOR LIGHTING PLAN
1/8" = 1'-0"



KEYED NOTES:

- NEW LOW VOLTAGE, MANUAL OVERRIDE, DIMMER SWITCH FOR THE CEILING MOUNTED OCCUPANCY SENSOR IN THE ROOM. PROVIDE AND INSTALL ALL ASSOCIATED CONDUIT/WIRE.
- ROUTE CIRCUIT THROUGH A TIME CLOCK.
- NEW LOW VOLTAGE, MANUAL OVERRIDE, DIMMER SWITCH FOR CONTROL OF THE LIGHT FIXTURES IN THE CORRIDOR 114/VESTIBULE 001, 002. PROVIDE AND INSTALL ALL ASSOCIATED CONDUIT/WIRE.
- NEW LOW VOLTAGE, MANUAL OVERRIDE, DIMMER SWITCHES FOR THE CEILING MOUNTED OCCUPANCY SENSORS IN THE RESTROOM 127/128. PROVIDE AND INSTALL ALL ASSOCIATED CONDUIT/WIRE.
- NEW LOW VOLTAGE, MANUAL OVERRIDE, DIMMER SWITCH FOR CONTROL OF THE LIGHT FIXTURES IN THE CAFETERIA 140. PROVIDE AND INSTALL ALL ASSOCIATED CONDUIT/WIRE.
- NEW LOW VOLTAGE, MANUAL OVERRIDE, DIMMER SWITCHES FOR CONTROL OF THE MUSIC CLASSROOM 137 LIGHT FIXTURES. PROVIDE AND INSTALL ALL ASSOCIATED CONDUIT/WIRE.
- NEW LOCK BOX WITH LOW VOLTAGE, MANUAL OVERRIDE, DIMMER SWITCHES FOR CONTROL OF THE GYMNASIUM LIGHT FIXTURES. PROVIDE AND INSTALL ALL ASSOCIATED CONDUIT/WIRE.
- NEW LOW VOLTAGE, MANUAL OVERRIDE, DIMMER SWITCH FOR CONTROL OF THE HALL 136 LIGHT FIXTURES. PROVIDE AND INSTALL ALL ASSOCIATED CONDUIT/WIRE.

NOTES:

- COORDINATE ALL WORK WITH OTHER TRADES, OWNER AND THE PROJECT MANAGER.
- VERIFY LOCATION AND MOUNTING HEIGHT OF ALL LIGHT FIXTURES WITH THE ARCHITECT/OWNER PRIOR TO ROUGH-IN.
- THE EXIT AND CORRIDOR/HALLWAY EMERGENCY LIGHT FIXTURES SHALL NOT BE SWITCHED.
- MINIMUM CONDUIT SIZE SHALL BE 3/4".
- MINIMUM WIRE SIZE SHALL BE #12 THHN/THWN-2 CU.
- REFER TO THE PANEL SCHEDULE FOR CONDUIT/WIRE SIZE AND LOAD DESIGNATIONS. THERE SHALL BE NO SHARED NEUTRALS.
- REFER TO SHEET E-801 FOR THE LUMINAIRE AND CONTROL SCHEDULES.
- PROVIDE AND INSTALL ALL CONDUIT, WIRING AND BOXES NECESSARY FOR A COMPLETE SENSOR SYSTEM, PER THE MANUFACTURER'S WIRING DIAGRAM. SET VACATE TIME AT 15 MINUTES OR PER OWNER REQUIREMENTS.
- ALL OCCUPANCY SENSORS SHALL BE LOCATED FOR OPTIMUM PERFORMANCE.
- CONDUIT(S) SHALL NOT BE MOUNTED EXPOSED ON ANY EXTERIOR BUILDING WALL.
- EXTERIOR BUILDING MOUNTED LIGHT FIXTURES SHALL BE CONTROLLED AS FOLLOWS - PHOTOCELL ON, ASTRONOMIC TIME CLOCK OFF.
- REFER TO ELEVATIONS ON ARCHITECTURAL DRAWINGS FOR EXACT EXTERIOR LIGHT FIXTURE LOCATION AND MOUNTING HEIGHT.

IECC COMPLIANCE NOTE:

- OCCUPANCY SENSORS ARE NOT PROVIDED IN THE ELECTRICAL, FIRE RISER, ELEVATOR MACHINE ROOMS BECAUSE DOING SO COULD ENDANGER THE SAFETY OF THE OCCUPANT.

REV. #	DESCRIPTION	DATE

DATE OF ISSUE: 04.30.2026

PHASE: CONSTRUCTION DOCUMENTS

ISSUED FOR: CONSTRUCTION PERMIT

GRACE PROJECT NO: 3225193

FIRST FLOOR
LIGHTING PLAN

E-211



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OWNER/CLIENT

HONOR CHARTER SCHOOL
HONOR CHARTER SCHOOL BUILDING CORPORATION
8250 Bent Grass Meadows Drive, Peyton, Colorado 80831
Owner: Project No. 3225193
AGENCY NUMBER: AHCA-123456.78

REV. #	DESCRIPTION	DATE

DATE OF ISSUE: 04.30.2026

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GRACE PROJECT NO: 3225193

LUMINAIRE AND CONTROL
SCHEDULES

E-801

Exterior Luminaire Schedule							
Label	Manufacturer	Catalog	Description	Number Lamps	Lamp Output	LLF	Input Power
SA	Lithonia Lighting	WDGE2 LED P2 30K 80CRI T3M	WDGE2 LED WITH P2 - PERFORMANCE PACKAGE, 3000K, 80CRI, TYPE 3 MEDIUM OPTIC LISTED FOR WET/DAMP LOCATIONS	1	1964	0.95	18.9815
SAE	Lithonia Lighting	WDGE2 LED P2 30K 80CRI T3M E10WH	WDGE2 LED WITH P2 - PERFORMANCE PACKAGE, 3000K, 80CRI, TYPE 3 MEDIUM OPTIC W/ 90 min. Battery Back-up LISTED FOR WET/DAMP LOCATIONS	1	1964	0.95	18.9815
SC	Lithonia Lighting	(2)RSX1 LED P4 30K R5/SSS 22.5' POLE ON 2.5' BASE	RSX Area Fixture Size 1 P4 Lumen Package 3000K CCT Type R5 Distribution LISTED FOR WET/DAMP LOCATIONS	1	15286	0.95	266.28
SD	Lithonia Lighting	RSX1 LED P4 30K R3/SSS 22.5' POLE ON 2.5' BASE	RSX Area Fixture Size 1 P4 Lumen Package 3000K CCT Type R3 Distribution LISTED FOR WET/DAMP LOCATIONS	1	14889	0.95	133.14
SF	Lithonia Lighting	RSX1 LED P4 30K R3 HS/SSS 22.5' POLE ON 2.5' BASE	RSX LED Area Luminaire Size 1 P4 Lumen Package 3000K CCT Type R3 Distribution with HS shield LISTED FOR WET/DAMP LOCATIONS	1	10451	0.95	133.14
SH	Lithonia Lighting	LDN6 30/10 LO6AR LSS	6IN LDN, 3000K, 1000LM, CLEAR, SEMI-SPECULAR REFLECTOR, CRI80 LISTED FOR WET/DAMP LOCATIONS	1	938	0.95	10.44
SHE	Lithonia Lighting	LDN6 30/10 LO6AR LSS EL	6IN LDN, 3000K, 1000LM, CLEAR, SEMI-SPECULAR REFLECTOR, CRI80 W/ 90 min. Battery Back-up LISTED FOR WET/DAMP LOCATIONS	1	938	0.95	10.44

Controls Schedule			
Symbol	Manufacturer	Catalog Number	Description
OS	nLIGHT	nCM PDT 10 RJB AR/PP20	LOW VOLTAGE CEILING MOUNTED DUAL TECH MOTION SENSOR
\$ _{LV}	nLIGHT	nPODM DX WH	LOW VOLTAGE DIMMING WALL SWITCH
\$ _{LV} ²	nLIGHT	nPODM 2P DX WH	2 ZONE LOW VOLTAGE DIMMING WALL SWITCH
\$ _{OS}	nLIGHT	nWSX PDT LV DX WH	LOW VOLTAGE WALL MOUNTED DUAL TECH MOTION SENSOR DIMMER

Interior Luminaire Schedule							
Label	Manufacturer	Catalog	Description	Lamp	Lamp Output	LLF	Input Power
A	LITHONIA	CPX 2x4 6000LM 90CRI 35K SWL MIN10 MVOLT	2X4 LED FLAT PANEL, MOUNTED AT 9', 11' & 22'	3500K LED	5394	0.95	43.31
AE	LITHONIA	CPX 2x4 6000LM 90CRI 35K SWL MIN10 MVOLT E10W	2X4 LED FLAT PANEL, MOUNTED AT 9', 11' & 22' W/ 90 min. Battery Back-up	3500K LED	5394	0.95	43.31
B	LITHONIA	CPX 2x4 4000LM 90CRI 35K SWL MIN10 MVOLT	2X4 LED FLAT PANEL, MOUNTED AT 9'	3500K LED	3486	0.95	26.79
BE	LITHONIA	CPX 2x4 4000LM 90CRI 35K SWL MIN10 MVOLT E10W	2X4 LED FLAT PANEL, MOUNTED AT 9' W/ 90 min. Battery Back-up	3500K LED	3486	0.95	26.79
C	LITHONIA	LDN6 35/10 LO6AR LSS MVOLT GZ10	6" LED DOWNLIGHT, MOUNTED AT 8' & 9'	3500K LED	938	0.95	10.44
CE	LITHONIA	LDN6 35/10 LO6AR LSS MVOLT GZ10 EL	6" LED DOWNLIGHT, MOUNTED AT 8' & 9' W/ 90 min. Battery Back-up	3500K LED	938	0.95	10.44
D	LITHONIA	CLX L48 4000LM SEF RDL MVOLT GZ10 35K 80CRI (FINISH)	LED STRIP LIGHT, MOUNTED AT 8'	3500K LED	3906	0.95	25.54
DE	LITHONIA	CLX L48 4000LM SEF RDL MVOLT GZ10 35K 80CRI E10W (FINISH)	LED STRIP LIGHT, MOUNTED AT 8' W/ 90 min. Battery Back-up	3500K LED	3906	0.95	25.54
G	LITHONIA	IBG 18000LM SEF PFL GND MVOLT GZ10 35K 80CRI (FINISH)	LED HIGH BAY, MOUNTED AT 23'	3500K LED	14587	0.95	106.43
GE	LITHONIA	IBG 18000LM SEF PFL GND MVOLT GZ10 35K 80CRI E10W (FINISH)	LED HIGH BAY, MOUNTED AT 23' W/ 90 min. Battery Back-up	3500K LED	14587	0.95	106.43
J	Lithonia Lighting	CPX 2X2 3200LM 90CRI 35K SWL MVOLT	Recessed Ambient, 2ft X 2ft, 3200 Lumens, 90 CRI 3500K, Satin White Lens, 120-277V	3500K LED	2881	0.95	23.29
JE	Lithonia Lighting	CPX 2X2 3200LM 90CRI 35K SWL MVOLT	Recessed Ambient, 2ft X 2ft, 3200 Lumens, 90 CRI 3500K, Satin White Lens, 120-277V W/ 90 min. Battery Back-up	3500K LED	2881	0.95	23.29
J1	LITHONIA	CPX 2X2 5000LM 90CRI 35K SWL MVOLT	2X2 LED FLAT PANEL, MOUNTED AT 9'	3500K LED	4154	0.95	34.92
X	LITHONIA	LQM S (FINISH) 3 (COLOR) MVOLT	LED EXIT SIGN W/ 90 min. Battery Back-up	LED	451	1	5.48

REV. #	DESCRIPTION	DATE

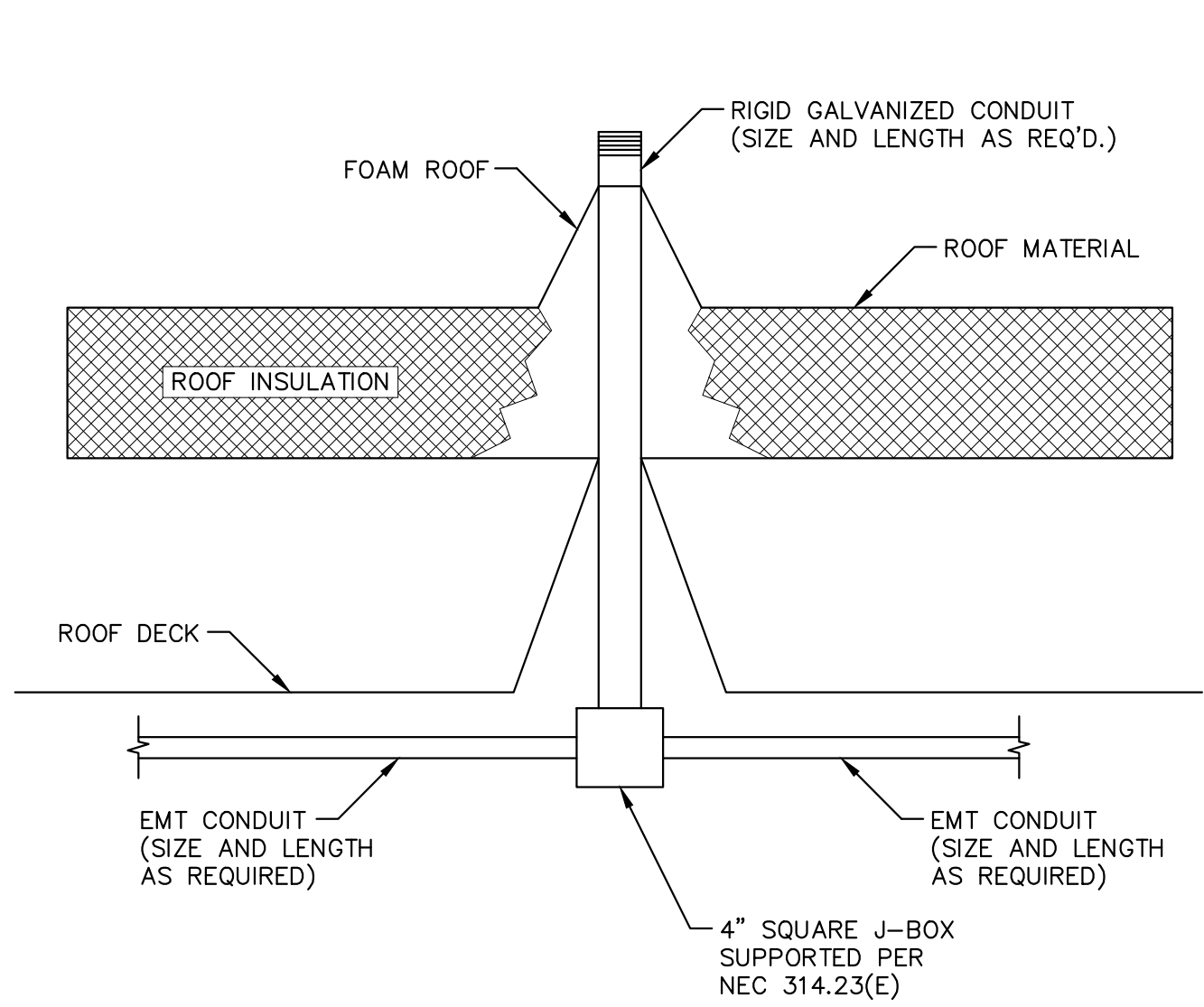
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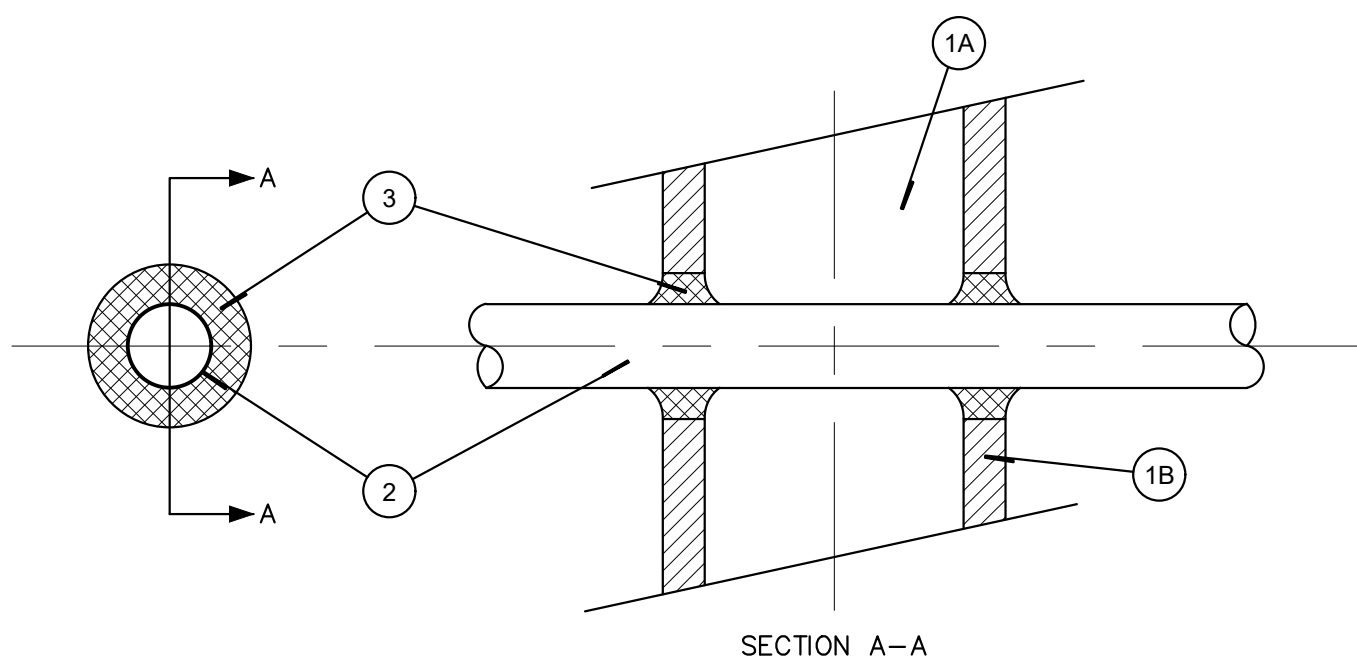
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GRACE PROJECT NO: 3225193

DETAILS

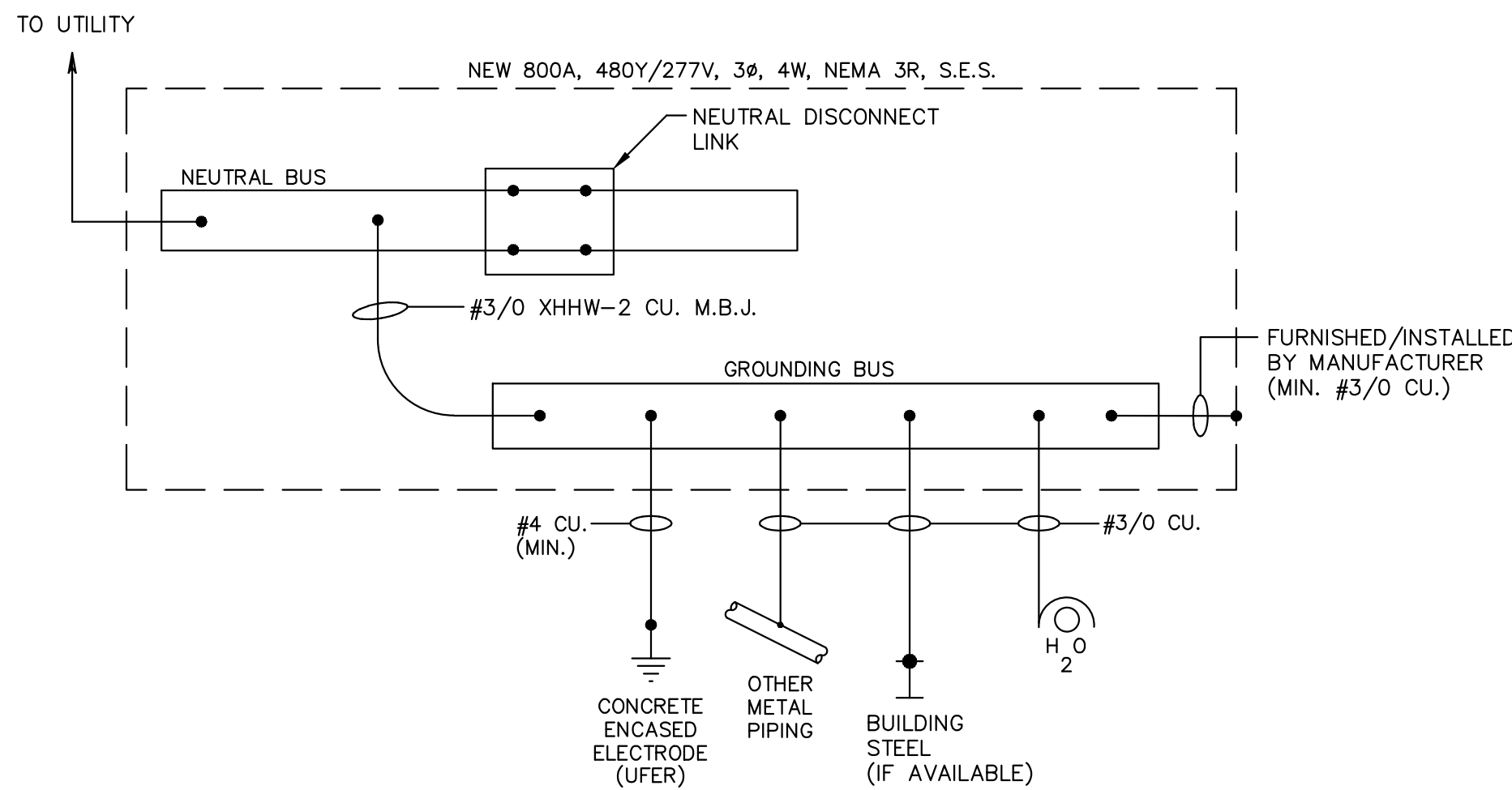


CONDUIT PENETRATION AT ROOF
N.T.S.



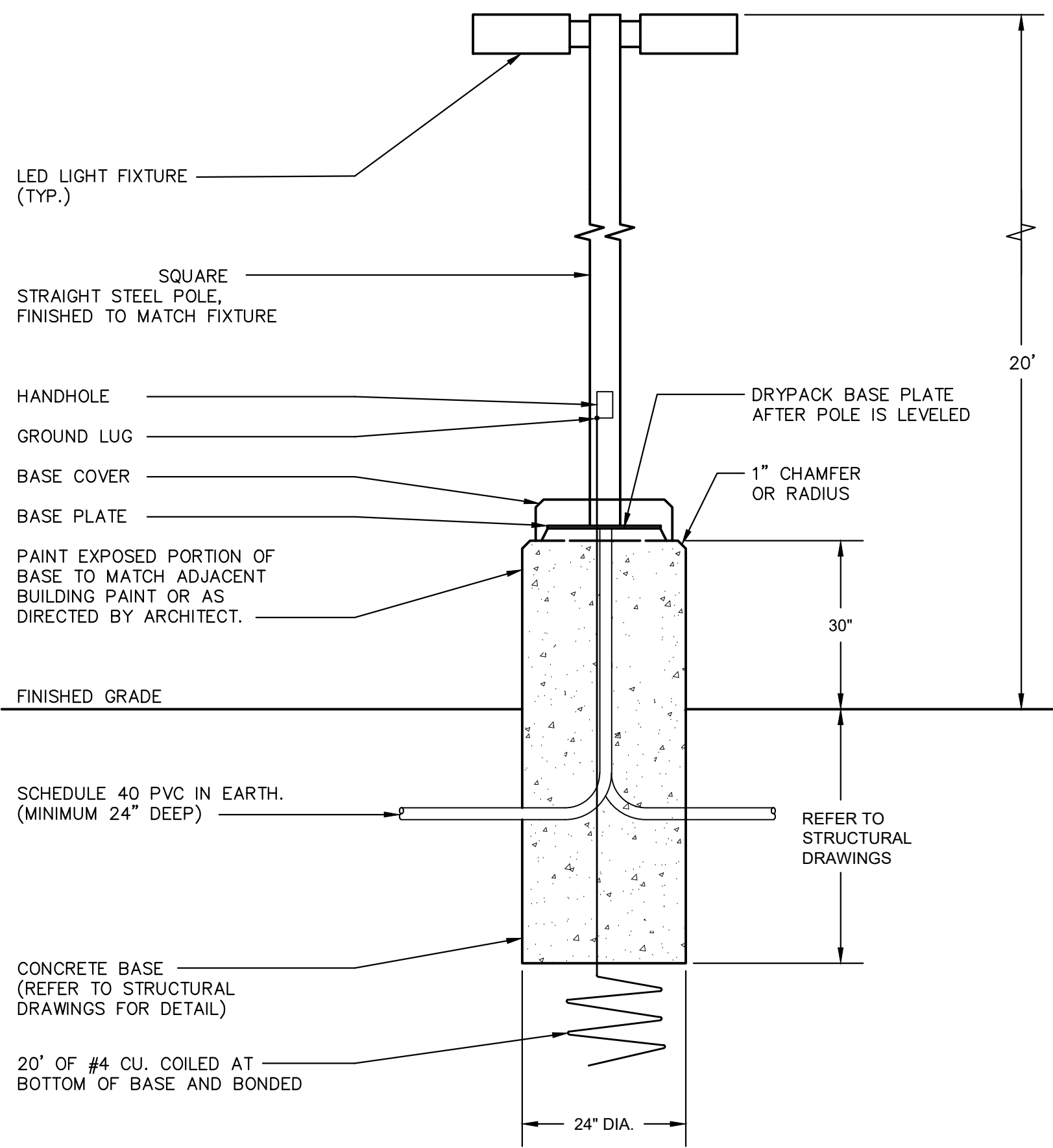
- Wall Assembly – The fire-rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300 or U400 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:
 - Studs – Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in lumber spaced 16 in. OC. Steel studs to be min. 2–1/2 in. wide and spaced max. 24 in. OC.
 - Wallboard Gypsum – One layer of 5/8 in. thick gypsum wallboard, as specified in the individual Wall and Partition Design. Max diameter of opening is 12 in.
- Through Penetrants – One metallic pipe, conduit or tubing to be centered within the firestop system. Pipe, conduit or tubing to be rigidly supported on both sides of wall assembly. An annular space of min. 1/4 in. to max. 1–1/4 in. is required within the firestop system. The following types and sizes of metallic pipes, conduits or tubing may be used:
 - Steel Pipe – Nom 10 in. diam (or smaller) Schedule 10 (or heavier) steel pipe.
 - Conduit – Nom 4 in. diam (or smaller) steel electrical metallic tubing or steel conduit.
 - Copper Tubing – Nom 4 in. diam (or smaller) Type L (or heavier) copper tubing.
 - Copper Pipe – Nom 4 in. (or smaller) regular (or heavier) copper tubing.
- Fill, Void or Cavity Material – Sealant – Min. 5/8 in. thickness of fill material applied within the annulus, flush with both surfaces of wall.

CONDUIT THRU 1-HR RATED WALL
N.T.S.



SES GROUNDING DETAIL
N.T.S.

NOTES:
PROVIDE AND INSTALL AN INTERSYSTEM BONDING TERMINATION AS REQUIRED PER NEC 250.94.



'SC'/'SD'/'SF' FIXTURE POLE MOUNTING DETAIL
N.T.S.