

three inches = one foot

one and one half inches = one foot

one inch = one foot

three quarters inch = one foot

one quarter inch = one foot

one eighth inch = one foot

LIGHTING FIXTURE SCHEDULE							
TYPE	SYMBOL	DESCRIPTION	LAMP	MTD	VOLT	WATTS	REMARK
A		8 FT DIRECT/INDIRECT LINEAR LUMINAIRE, STEM MOUNTED BELOW CANOPY, LENS AND GASKET SEALING WEATHERPROOF HOUSING, (1) 2 LAMP BALLAST DOWN LIGHT, (1) 2 LAMP BALLAST UP LIGHT, ROUTE THRU NEW LIGHTING CONTROL PANEL	2-32W T8 CROSS SECTION	STEM	MT	108	LAM LIGHTING BLUW80-6 278 L L ST/XX-W CUSTOM COLOR & FINISH SEE PLANS FOR MOUNTING HEIGHT AND STEM LENGTH REQUIREMENT, (2) CIRCUITS, 4 FEET LAMP AND LENS.
B		GROUND MOUNT LOW VOLTAGE ACCENT LANDSCAPE WITH INTEGRAL TRANSFORMER	MR16	INGRADE J-BOX	120	50	BRONZELITE #1L4050MR WITH INTEGRAL XFMR
INDICATE FIXTURE UP LIGHT BALLAST IS CONNECTED TO EMERGENCY POWER CIRCUIT.							

LIFE SAFETY EMERGENCY POWER

EXISTING PANEL BE-1		FULLY RATED	VOLTAGE : 120/208V 3Ø 4W	FEED : BOTTOM	MOUNT : SURFACE
CONNECT LOAD VA		10,000 AIC	MAIN : 100 AMP MAIN	LOCATION : ELEC	INDOOR NEMA1
CKT NO	SERVING	BREAKER	TOTAL LOAD VA	BREAKER	SERVING
LIGHT	OUTLET	MISC	AMP	POLE	ØA ØB ØC
1		(E)EMS LIGHTS	20/1		20/1 (E)HEPA FILTER
3		(E)EMS LIGHTS	20/1		20/1 (E)EQUIP RM LIGHT
5		(E)EMS LIGHTS	20/1		20/1 (E)ELEVATOR CONTR PNL
7		(E)EQUIP STAIR LIGHTS	20/1		20/1 (E)ELEVATOR LIGHTS
9		(E)EQUIP STAIR LIGHTS	20/1		20/1 (E)ELEVATOR LIGHTS
11		(E)EQUIP STAIR LIGHTS	20/1		20/1 (E)EQUIP RM LIGHTS
13		(E)CORRIDOR 78 PLUGS	20/1		20/1 (E)HEAT EXCH
15		(E)EQUIP RM PLUGS	20/1		20/1 NEW CANOPY LIGHT (1)
17		(E)TELE EQUIP PLUG	20/1		20/1 (E)N4E4
19		(E)TELE EQUIP 1 FL	20/1		20/1 (E) CIRCUIT
21		(E)EQUIP EXAM RMS	20/1		20/1 (E) CIRCUIT
23		(E) HEPA FILTER	20/1		20/1 (E) CIRCUIT
25		SPARE	20/1		20/1 (E) CIRCUIT
27		(E)EQUIP ALARM CONTR PNL	20/1		20/1 (E)ELEV RM PLUGS
29		(E)ON CALL RM PLUG	20/1		20/1 (E)ELEV EQUIP RM PLUGS

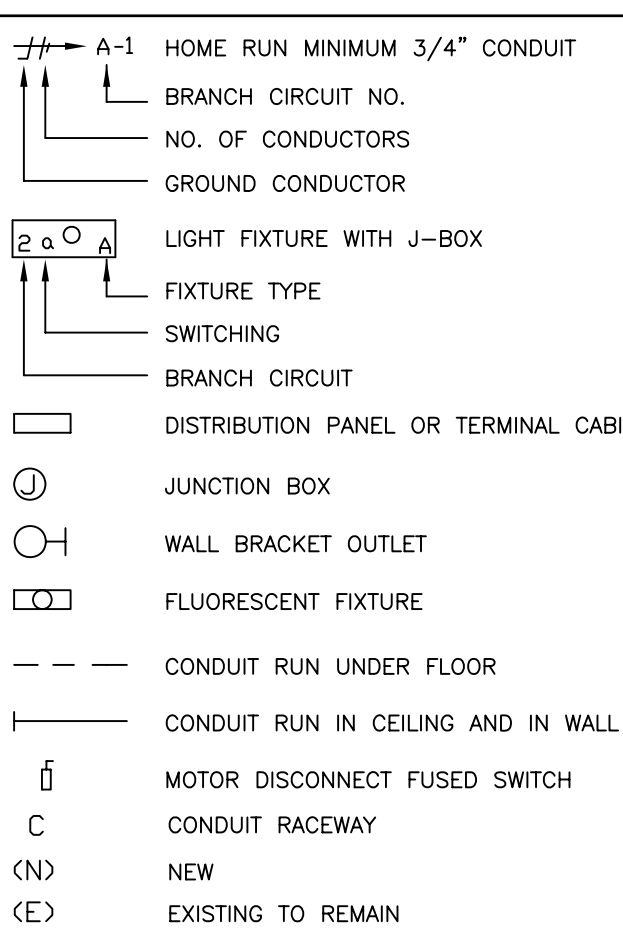
NOTES:		TOTAL CONNECTED LOAD	
① PROVIDE NEW BREAKER FOR NEW LIGHTING CIRCUIT.		PHASE A	VA (A)
② UPDATE CIRCUIT DIRECTORY.		PHASE B	VA (A)
③ NO RECORDS FOR EXISTING CONNECTED LOAD.		PHASE C	VA (A)

NORMAL POWER

EXISTING PANEL BA		FULLY RATED	VOLTAGE : 120/208V 3Ø 4W	FEED : BOTTOM	MOUNT : FLUSH
CONNECT LOAD VA		10,000 AIC	MAIN : 225 AMP BREAKER	LOCATION : HALL	INDOOR NEMA1
CKT NO	SERVING	BREAKER	TOTAL LOAD VA	BREAKER	SERVING
LIGHT	OUTLET	MISC	AMP	POLE	ØA ØB ØC
1		(E)LIGHTS MAIN ENTRY	15/1		20/1 (E)LIGHTS RM 6,7,8,11,CORR
3		(E)LIGHT RM 2,3,4	20/1		20/1 (E)LIGHT WAITING AREA
5		(E)LIGHT CORR	20/1		20/1 (E)RECP RM 20,21,22,23
7		(E)RECP RM 40,44	20/1		20/1 (E)RECP RM 49 HEADWALL
9		(E)HEADWALL RM 35	20/1		20/1 (E)LIGHT RM 17,18,41,42,43,45
11		(E)RECP ENTRY	20/1		20/1 (E)LIGHT RECP RM 33
13		(E)PARKING LOT LIGHT	20/1		20/1 (E)LIGHT CORR
15		(E)PARKING LOT LIGHT	20/1		20/1 (E)CHART ALCOVE
17		(E)PARKING LOT LIGHT	20/1		20/1 (E)CONTACT PARKING LIGHT
21		(E)RECP RM 18	20/1		20/1 (E)RECP CORR 1
23		(E)RECP RM 18	20/1		20/1 (E)RECP RM 48 HEADWALL
25		(E)RECP RM 18	20/1		20/1 (E)RECP RM 34
27		(E)RECP RM 15	20/1		20/1 (E)RECP RM 11
29		(E)RECP RM 17,36	20/1		20/1 (E)RECP CORR 1
31		(E)RECP RM 17,36	20/1		20/1 (E)RECP RM 8
33		(E)RECP CORR 78	20/1		20/1 SPACE
35		(E)RECP HEADWALL RM 34	20/1		20/1 NEW CANOPY LIGHT (1)
37		(E)RECP RM 02,03	20/1		20/1 NEW CANOPY LIGHT (1)
39		(E)RECP RM 36	20/1		20/1 NEW CEILING FAN (4)
41		SPACE	20/1		20/1 NEW CEILING FAN (4)

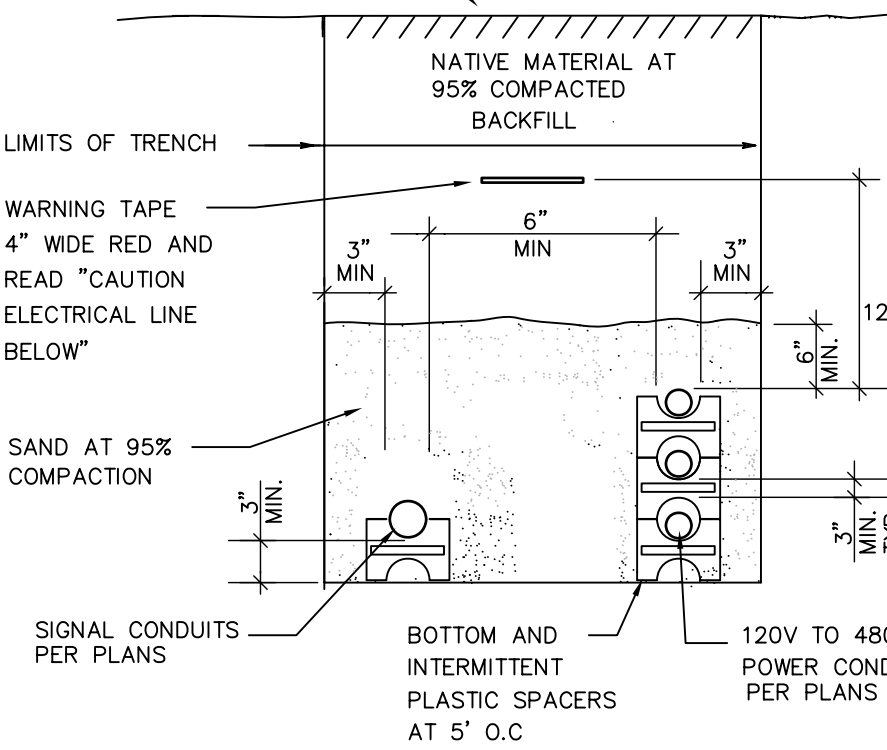
NOTES:		TOTAL CONNECTED LOAD	
① PROVIDE SWD TYPE BREAKER FOR FLUORESCENT FIXTURE SWITCHING.		PHASE A	VA (A)
② UPDATE CIRCUIT DIRECTORY.		PHASE B	VA (A)
③ NO RECORDS FOR EXISTING CONNECTED LOAD.		PHASE C	VA (A)
④ PROVIDE NEW BREAKER FOR NEW CIRCUIT PER PLANS			

ELECTRICAL SYMBOLS



RESTORE NEW FINISHED SURFACE PER ORIGINAL CONDITION AS FOLLOW:

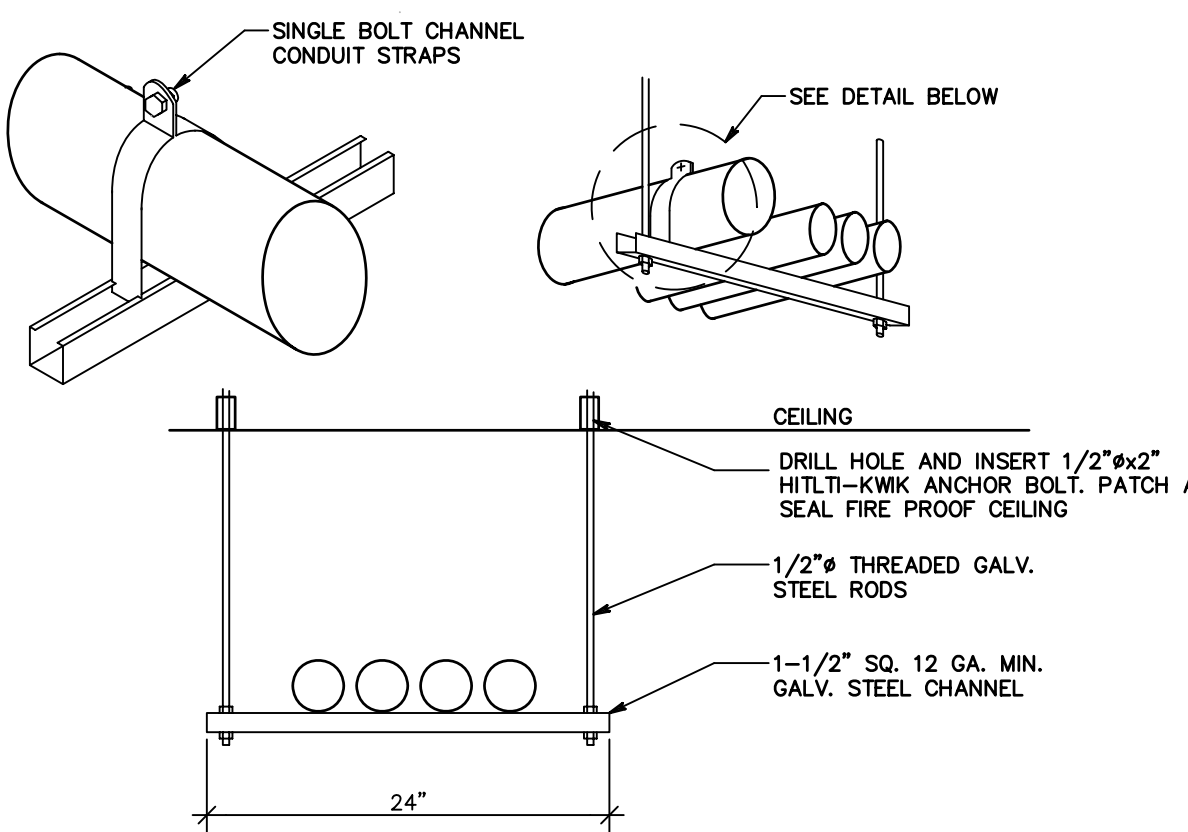
- STRUCTURES, BUILDING SLABS, WALKWAYS, AND STEPS: COMPACT TOP 6" OF SUBGRADE AND EACH LAYER OF BACKFILL OR FILL MATERIAL AT 92% MAX. RELATIVE COMPACTION. COMPACT UPPER 2' OF BACKFILL IN UTILITIES TRENCHES OR OTHER EXCAVATION TO 92% MIN. RELATIVE COMPACTION.
- LAWN OR UNPAVED AREAS: COMPACT TOP 6" OF SUBGRADE MATERIAL AT 85% RELATIVE COMPACTION.
- PAVEMENTS: COMPACT TOP 6" SUBGRADE IMMEDIATELY BENEATH THE BASE COURSE AT 95% MIN. RELATIVE COMPACTION.



- NOTES:
- IF CONDUITS ARE INSTALLED IN A FILL AREA, THE TOP OF THE FILL MUST BE A MIN. OF 30" ABOVE THE DESIGN CONDUITS ELEVATION BEFORE THE CONDUITS IS INSTALLED.
 - ELECTRICAL CONDUITS SHALL BE MIN. 12" FROM OTHER UTILITY PIPES IN JOIN TRENCH, NO UTILITY PIPES ARE ALLOWED INSTALLED ON THE TOP OF ELECTRICAL CONDUITS.

CONDUIT TRENCH DETAIL

N.T.S.



NOTES:

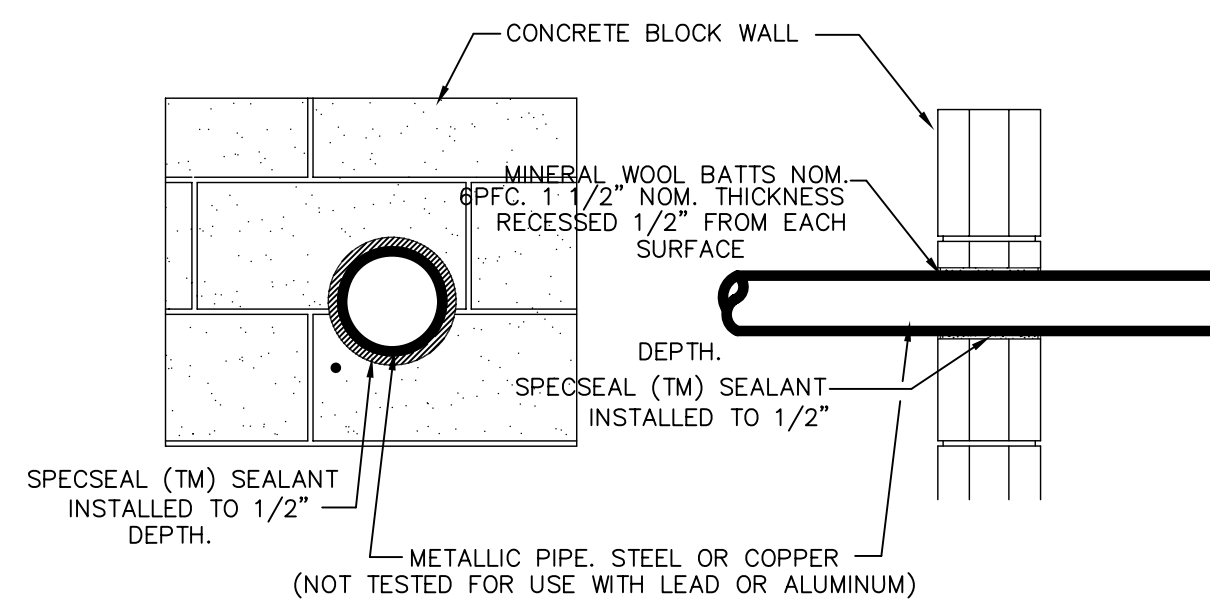
- CONTRACTOR MAY USE A CONDUIT SUSPENSION SYSTEM EQUIVALENT TO THAT WHICH IS DETAILED, HAVING THE FEATURES SHOWN AND APPROVED IN ADVANCE BY THE RESIDENT ENGINEER.
- PROVIDE A SAMPLE SUPPORT SYSTEM TO KEEP ON JOB SITE FOR CONSTRUCTION GUIDE PURPOSES.
- CONDUIT SUSPENSION SYSTEM SHALL BE INDEPENDENT OF ANY OTHER SUSPENSION SYSTEM.

TYPICAL CONDUITS HANGER DETAIL

N.T.S.

CONDUIT PENETRATION FIRESTOP DETAIL

N.T.S.

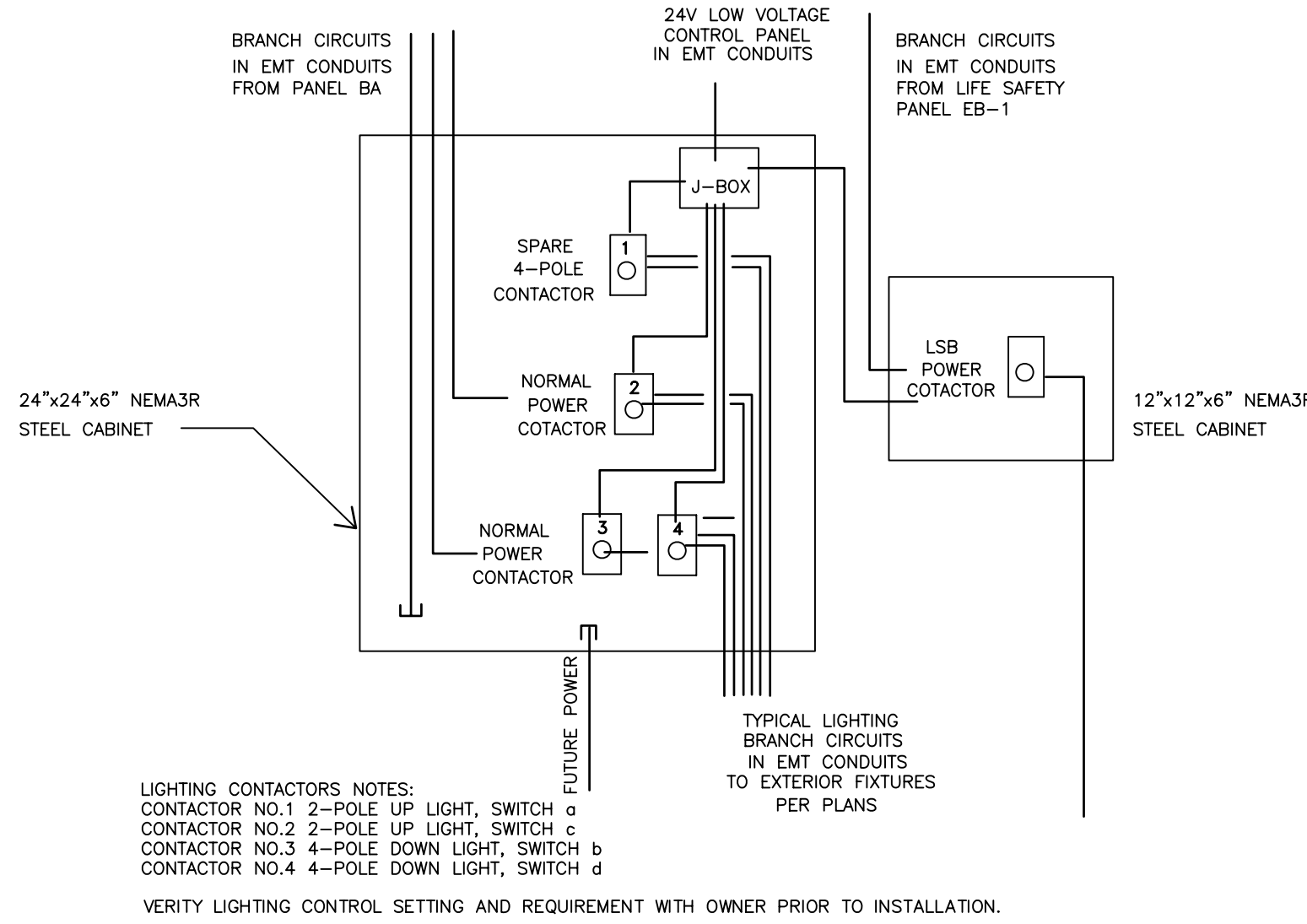


NOTE:

- THE PRODUCTS USED IN THIS DESIGN SYSTEM HAVE BEEN TESTED AS FOLLOWS:
- ASTM E814 (UL1479)
 - ASTM E119 (TIME/TEMPERATURE EXPOSURE) (COTTON WASTE IGNITION)
 - ANNUAL SPACE REQUIREMENTS

LIGHTING CONTROL CABINET DETAIL

N.T.S.

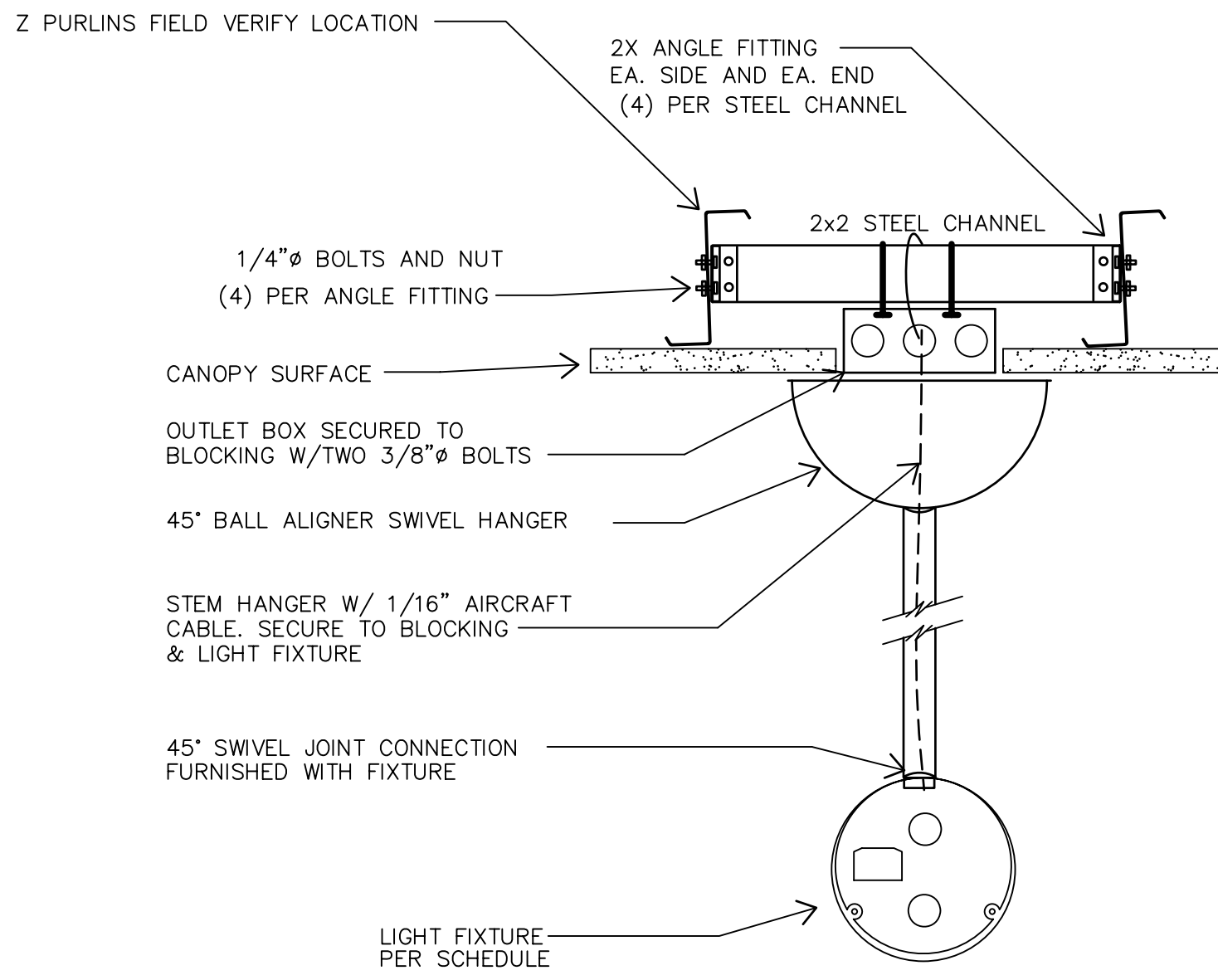


- LIGHTING CONTACTORS NOTES:
- CONTACTOR NO.1 2-POLE UP LIGHT, SWITCH a
 - CONTACTOR NO.2 2-POLE UP LIGHT, SWITCH c
 - CONTACTOR NO.3 4-POLE DOWN LIGHT, SWITCH b
 - CONTACTOR NO.4 4-POLE DOWN LIGHT, SWITCH d

VERIFY LIGHTING CONTROL SETTING AND REQUIREMENT WITH OWNER PRIOR TO INSTALLATION.

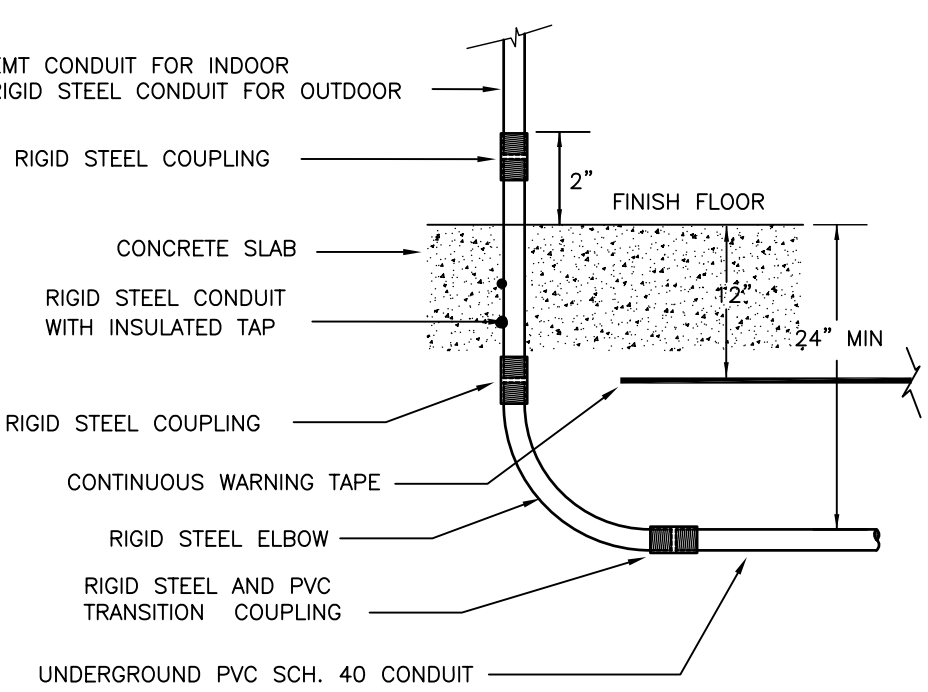
FIXTURE MOUNTING DETAIL

N.T.S.



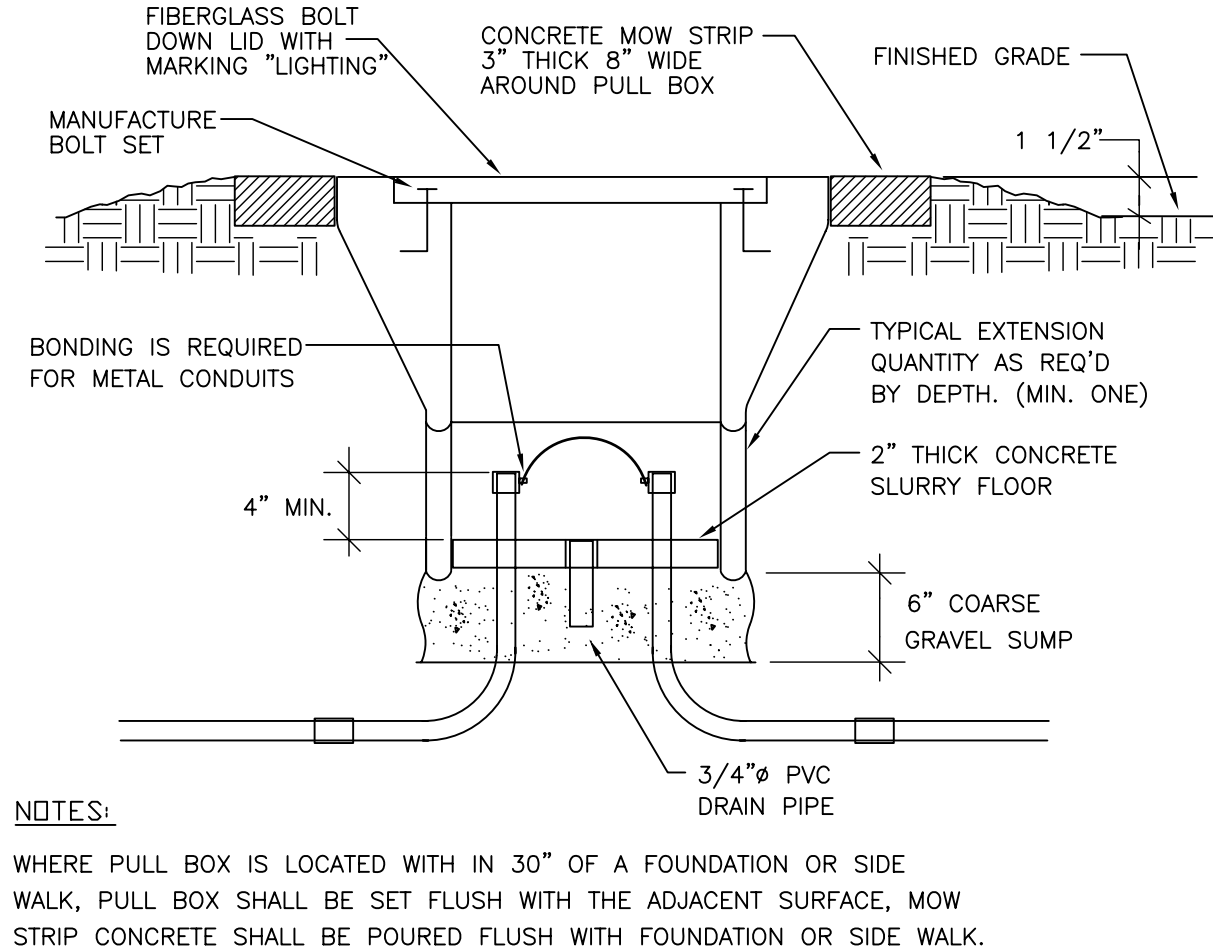
OUTDOOR CONDUIT RISER DETAIL

N.T.S.



PULL BOX AT OPEN YARD DETAIL

N.T.S.



NOTES:

- WHERE PULL BOX IS LOCATED WITH IN 30" OF A FOUNDATION OR SIDE WALK, PULL BOX SHALL BE SET FLUSH WITH THE ADJACENT SURFACE, MOW STRIP CONCRETE SHALL BE POURED FLUSH WITH FOUNDATION OR SIDE WALK.

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Drawing Title

DETAILS AND SCHEDULES

Approved Project Director

Project Title

CANOPIES AT ER ENTRANCE AREA AND FLATWORK IMPROVEMENTS

Location

2615 E. Clinton Ave, Fresno, CA

Date

06-07-2012

Checked

Drawn

Project Number

570-11-123

Building Number

Building 1

Drawing Number

E601

Dwg. of --

Office of Construction and Facilities Management

