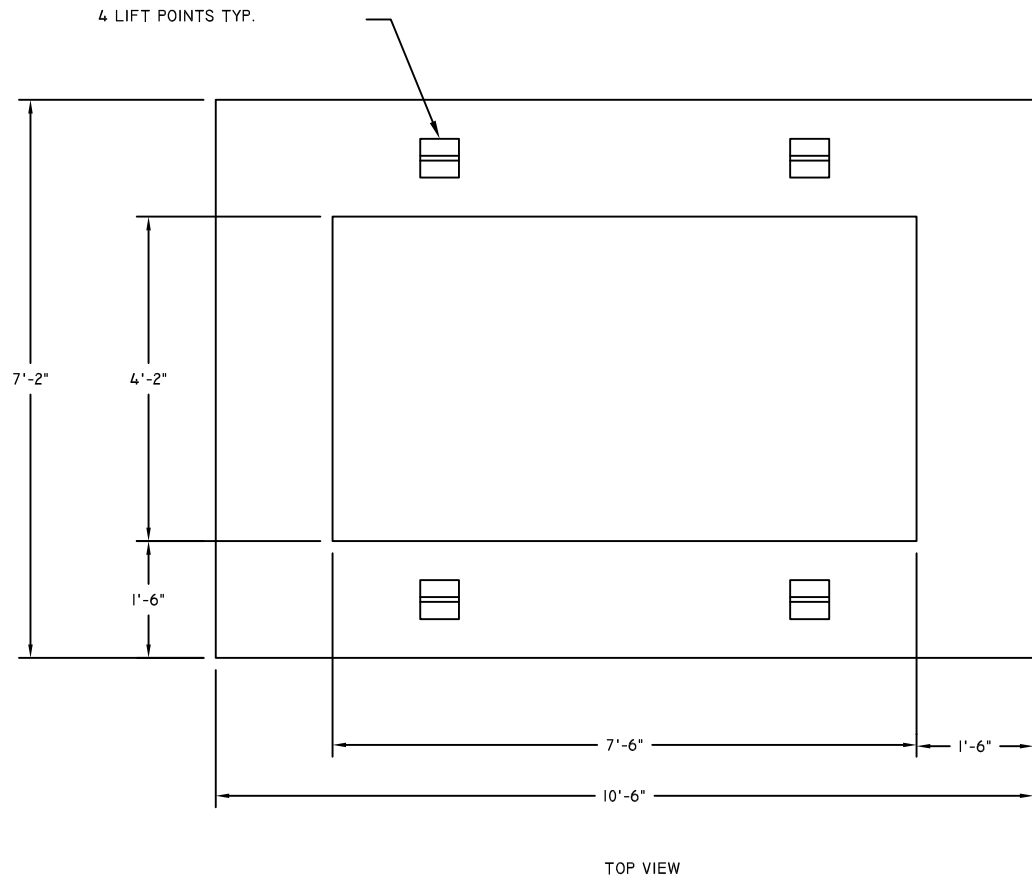


CONTRACTOR SHALL COVER EACH UNBRED HOLES INDIVIDUALLY. NO GUE SHALL BE USED.

STEEL REINFORCING GRID REQUIRED USING #4 REBAR AT 12" O.C. THROUGHOUT

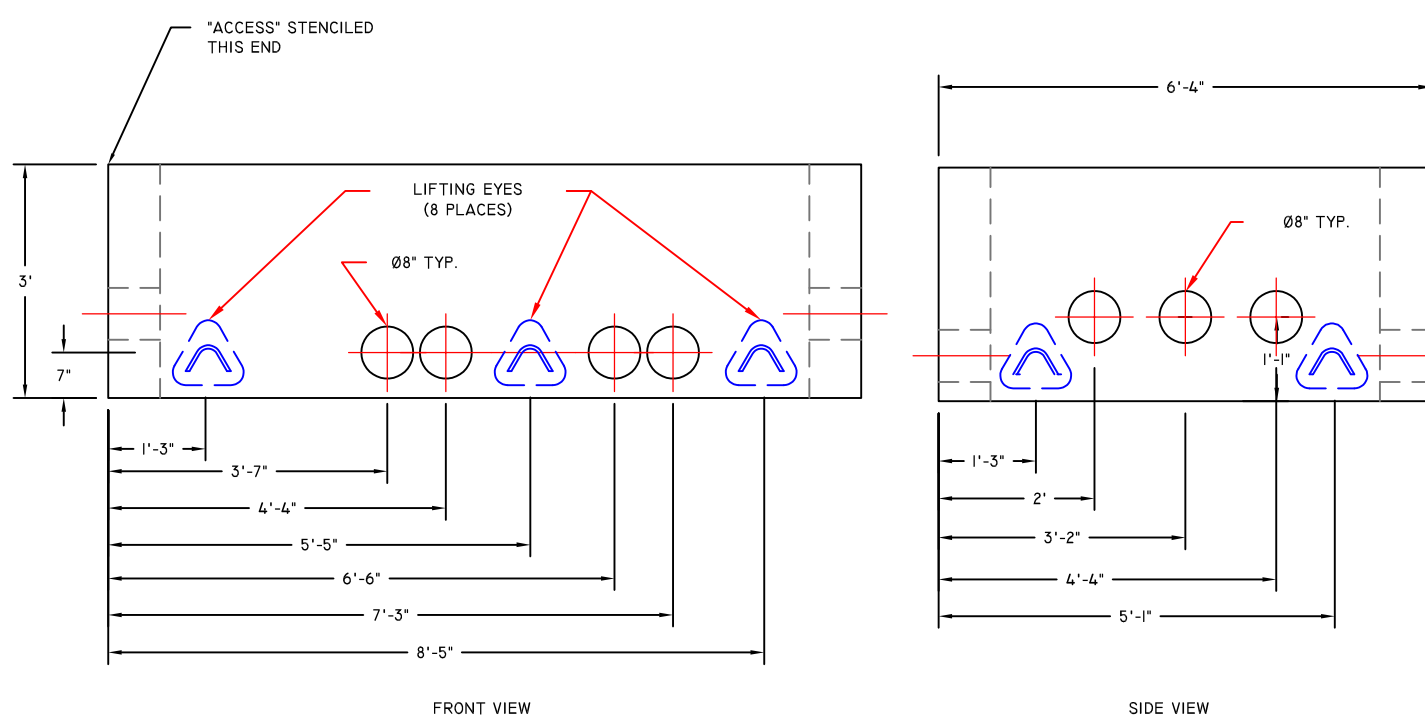
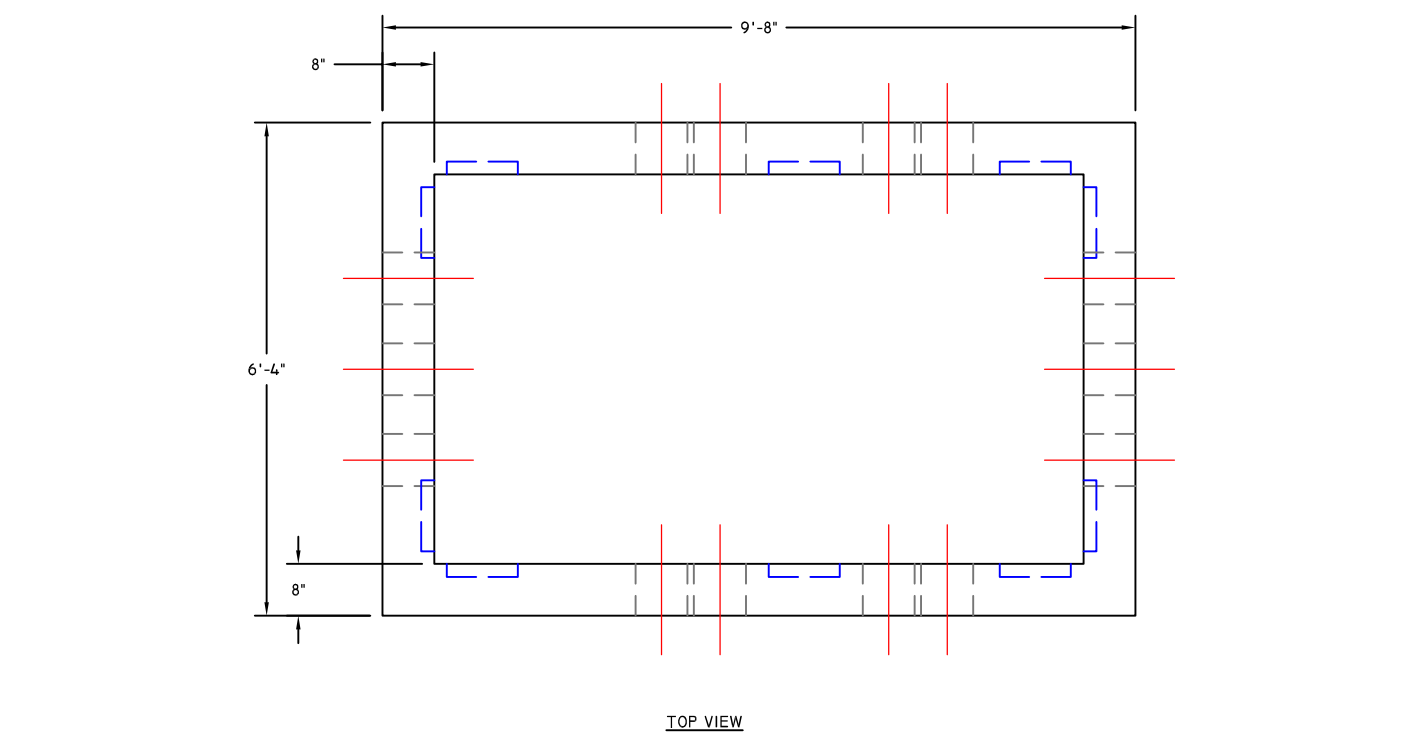
DS-I420 PADMOUNT SWITCHGEAR VAULT ASSEMBLY



NOTE: CLASS 67 STONE MUST NOT BE INSTALLED ANY HIGHER THAN 2" FROM TOP OF FOOTING.

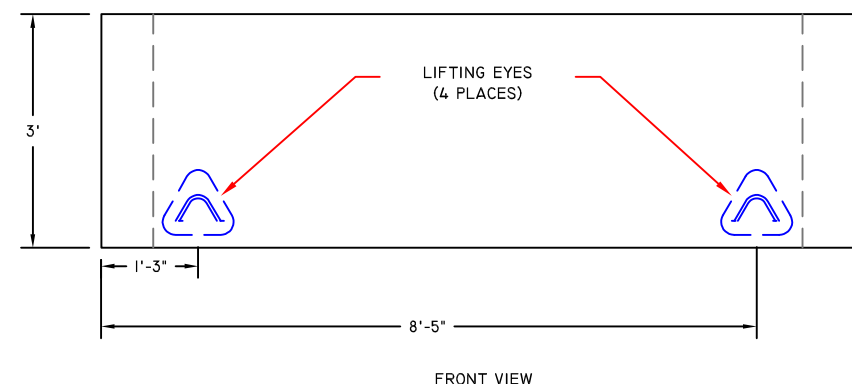
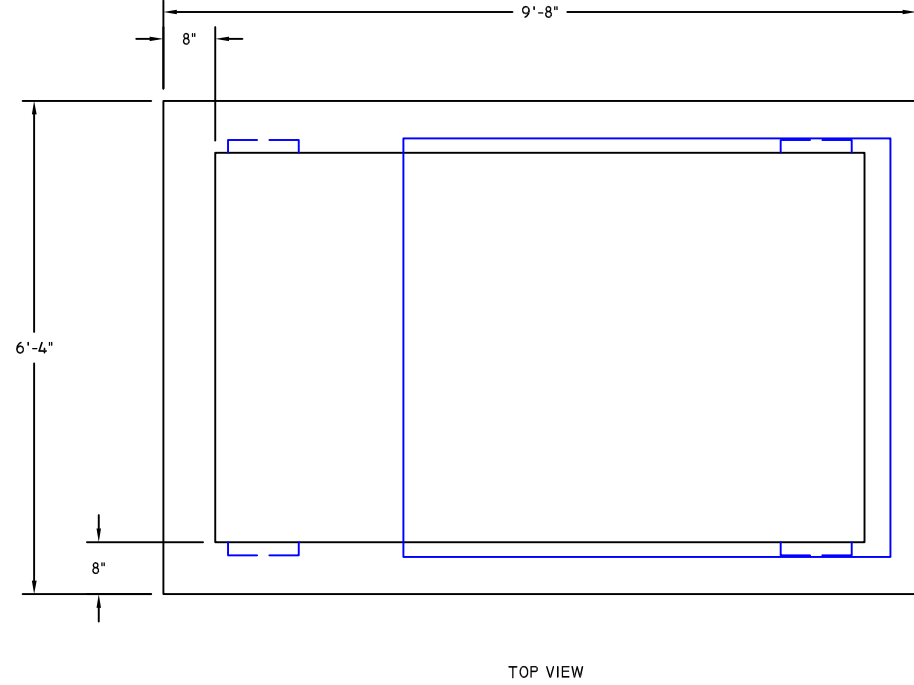
FOOTER WEIGHT: 3,200 LBS

DS-I420A PADMOUNT SWITCHGEAR VAULT FOOTER



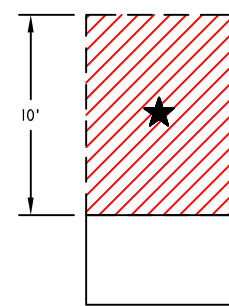
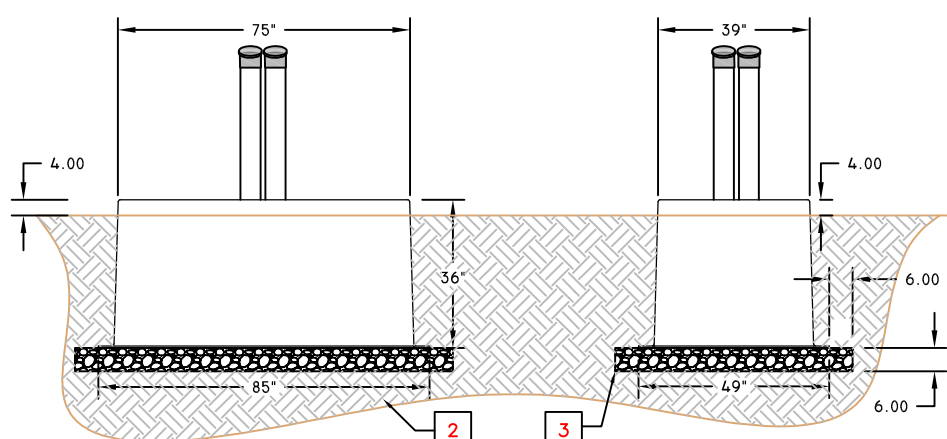
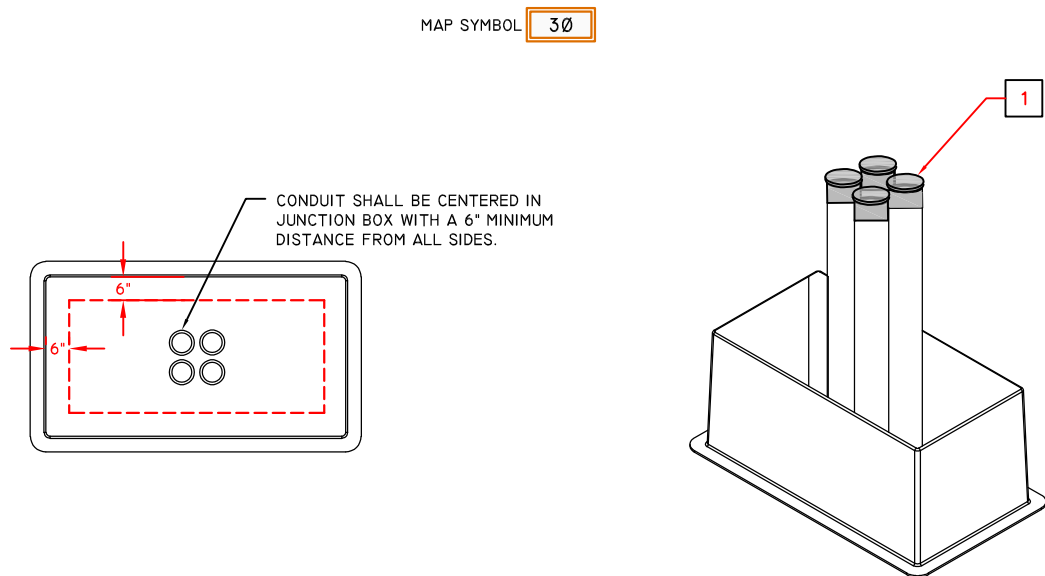
BOTTOM SLEEVE WEIGHT: 8,900 LBS

DS-I420B PADMOUNT SWITCHGEAR BOTTOM SLEEVE



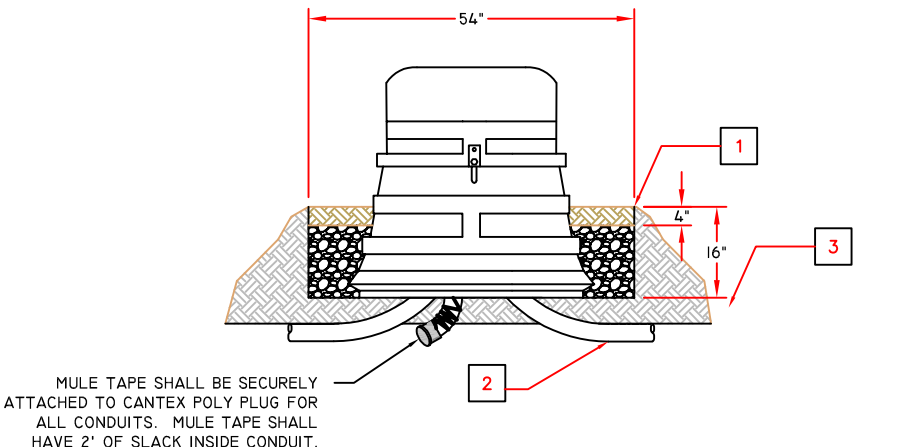
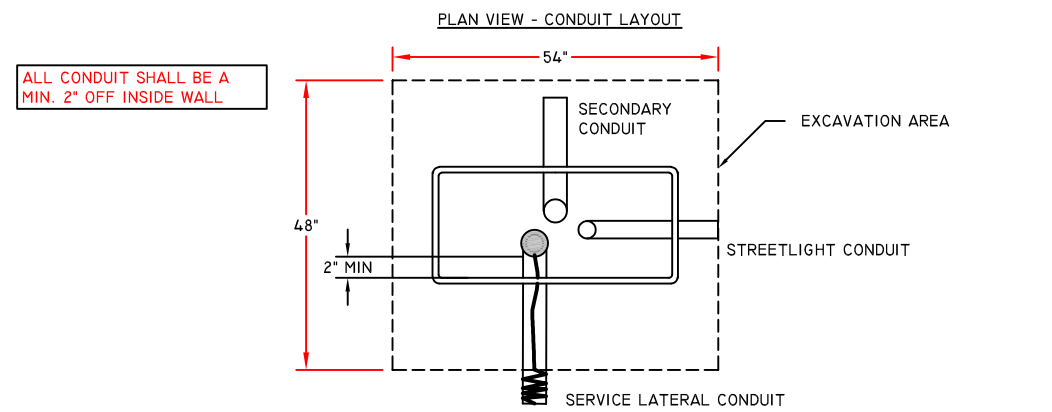
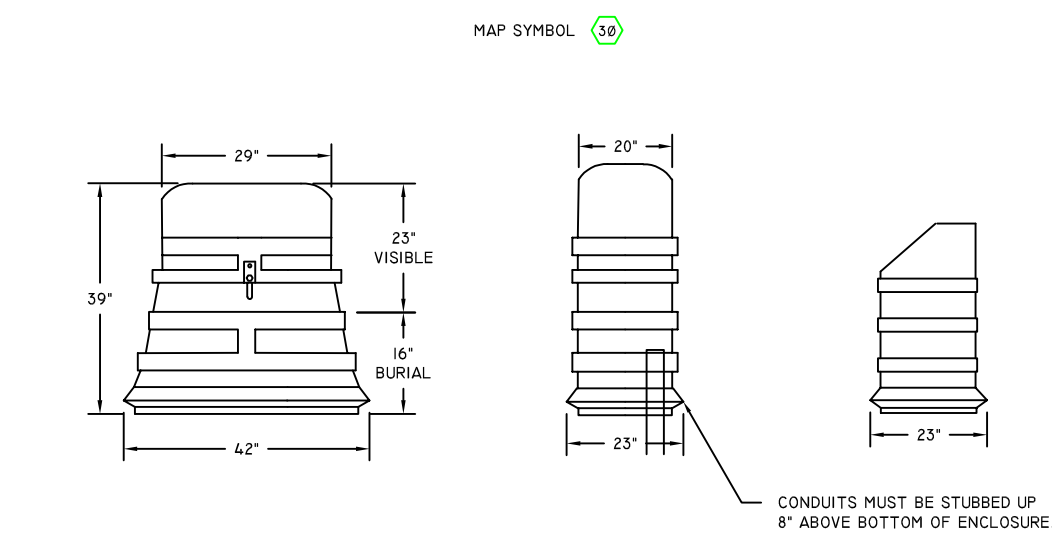
TOP SLEEVE WEIGHT: 9,200 LBS

DS-I420C PADMOUNT SWITCHGEAR TOP SLEEVE



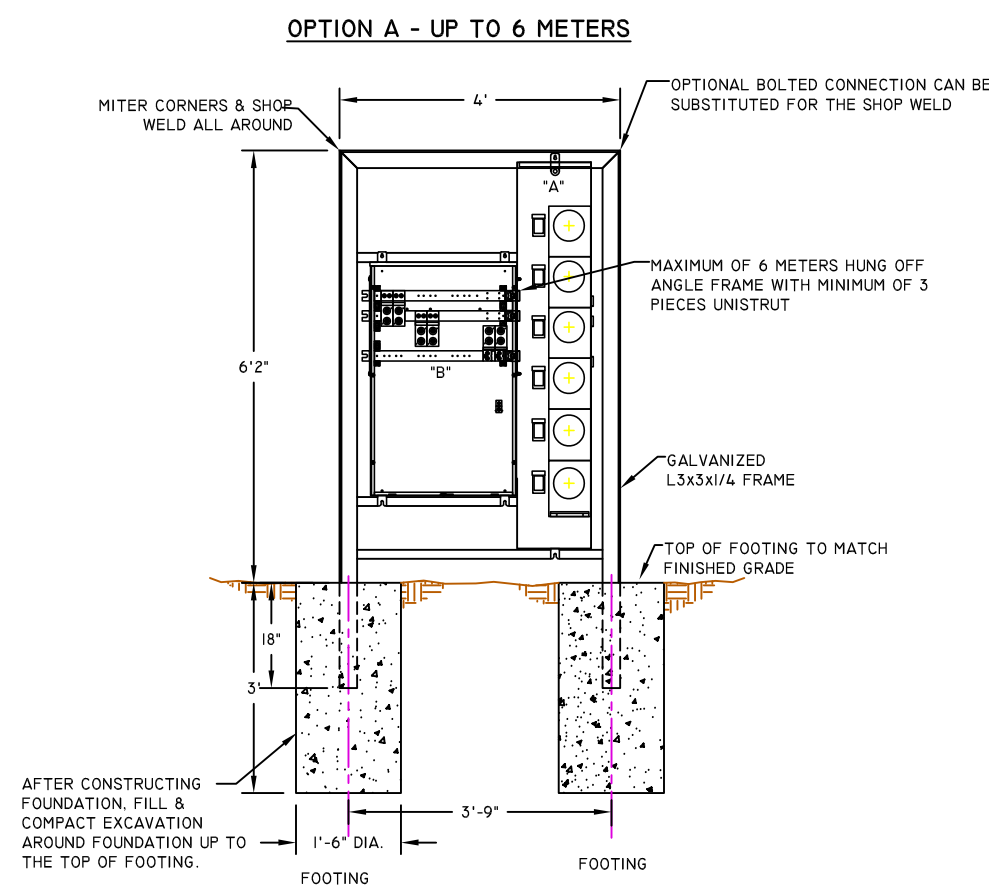
NOTES:
1. CONDUITS SHALL BE STUBBED UP AND CAPPED 3" TOP OF SLEEVE.
2. SOIL BELOW SLEEVE SHALL BE COMPACTED AND LEVEL.
3. 6" OF CLASS 67 GRAVEL SHALL BE PLACED IN THE BOTTOM OF THE EARTH BOX, EXTENDING 6" BEYOND EDGE OF SLEEVE.
4. MARK GROUND ROD PLACEMENT IN BOTTOM OF SLEEVE WITH WOODEN STAKE TO MISS BURIED CONDUIT RUNS.
5. 10' CLEAR WORK AREA REQUIRED ON ACCESS SIDE OF CABINET. NO OBSTRUCTIONS.

DS-I413 THREE PHASE 600A PRIMARY JUNCTION BOX SLEEVE

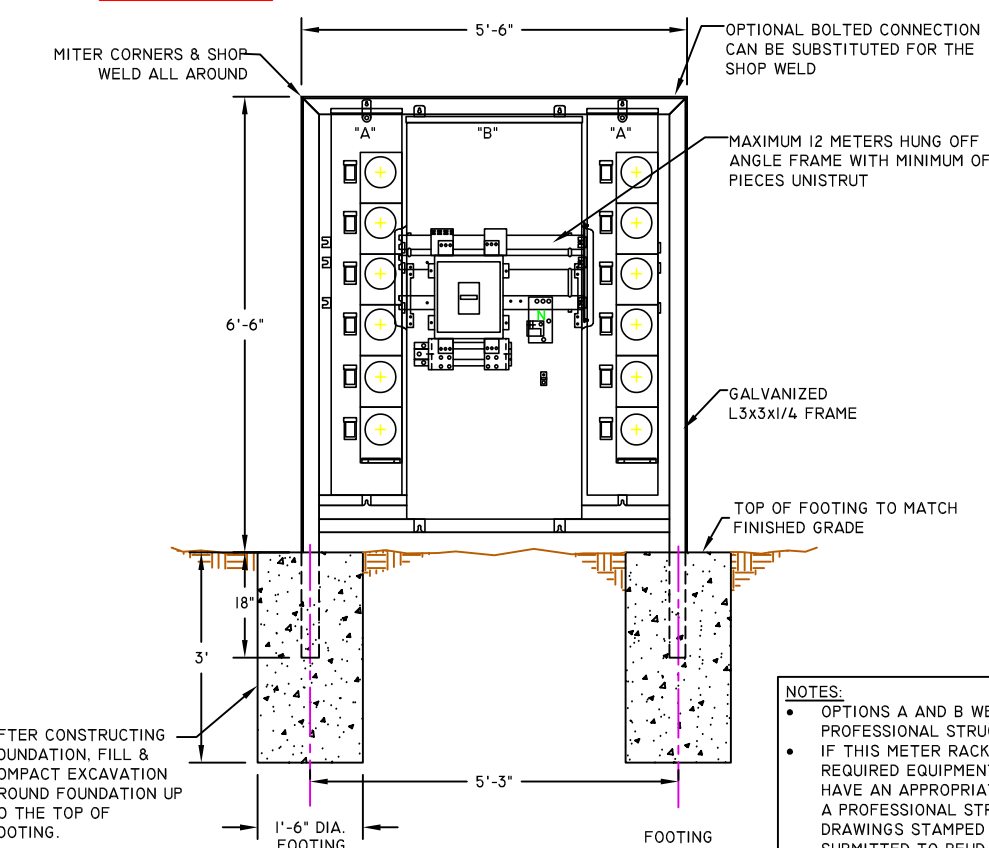


NOTES:
1. EXCAVATE A 54" W X 48" H X 10" D PIT CENTERED IN A 7' X 7' CLEAR LEVEL AREA. PEDESTAL SHALL NOT BE SITUATED IN A LOW AREA OR SWALE THAT WOULD CAUSE WATER TO COLLECT IN PIT.
2. CONTRACTOR TO USE ONLY SHORT SWEEP ELBOWS.
3. BACKFILL PIT WITH CLASS 67 GRAVEL TO WITHIN 4" OF TOP. BACKFILL LAST 4" OF PIT WITH TOPSOIL.

DS-I414-I THREE PHASE SECONDARY JUNCTION BOX

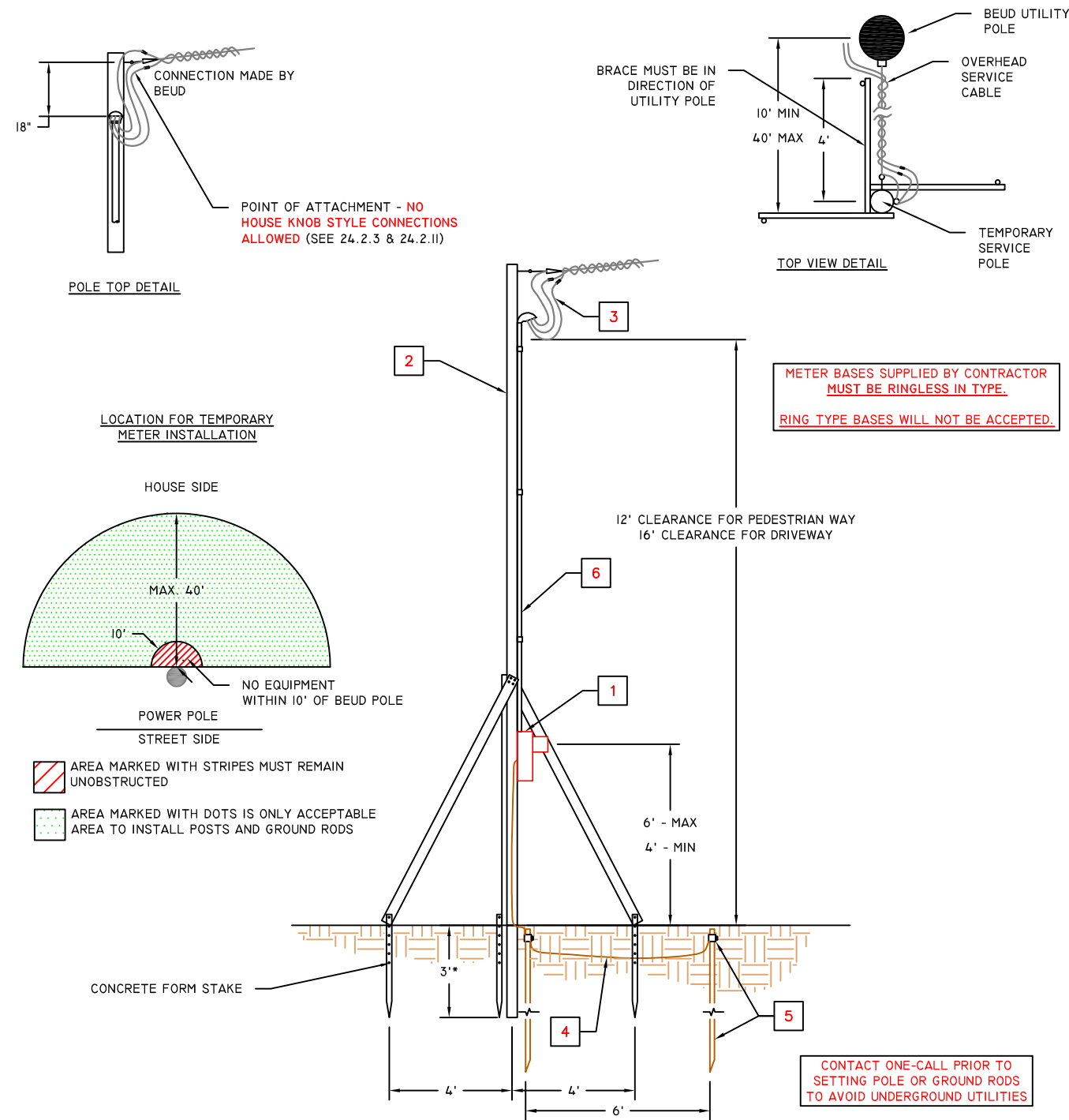


OPTION B - UP TO 12 METERS



NOTES:
1. OPTIONS A AND B WERE DESIGNED BY A PROFESSIONAL STRUCTURAL ENGINEER.
2. IF THIS METER RACK CANNOT ACCOMMODATE THE REQUIRED EQUIPMENT, THE DEVELOPER MUST HAVE AN APPROPRIATE METER RACK DESIGNED BY A PROFESSIONAL STRUCTURAL ENGINEER. DESIGN DRAWINGS STAMPED BY THE ENGINEER MUST BE SUBMITTED TO BEUD FOR REVIEW PRIOR TO INSTALLATION.
3. FOR BOTH OPTIONS, GROUNDING SHALL BE PER NEC TABLE 250.122

DS-I024 SINGLE PHASE FREE STANDING METER RACK



NOTES:
1. RINGLESS METER SOCKET FURNISHED AND INSTALLED BY CUSTOMER USING MINIMUM (2) 2 IN WOOD SCREWS. SEAL ALL HOLES. METER PROVIDED BY BEUD.
2. PROVIDE A MINIMUM 4'X4' STRUCTURE THAT PROVIDES ADEQUATE CLEARANCES FOR SPECIFIC INSTALLATION THAT IS STRUCTURALLY SOUND.
3. MINIMUM CONDUCTORS ALLOWED #6 COPPER OR #4 ALUMINUM. NEUTRAL SHALL BE IDENTIFIED. MINIMUM LENGTH OF CONDUCTOR EXTENDING 2 FEET.
4. GROUNDING CONDUCTOR MINIMUM SIZE #6 SOLID COPPER AND SHALL BE BURIED. GROUNDING CONDUCTOR MUST BE CONTINUOUS.
5. CUSTOMER TO FURNISH AND INSTALL (2) 5/8" DIA. X 8' DRIVEN GROUND RODS. COPPER OR COPPER CLAD. 2 LOCATIONS PER NEC 250.55(A)(2). USE COPPER OR BRONZE GROUND ROD CONNECTORS OR CLAMPS.
6. GALVANIZED RIGID STEEL, IMC, OR PVC SCHEDULE 80 CONDUIT.

DS-I001 BRACED TEMPORARY SERVICE POLE



608 SE 3rd Street
Bentonville, AR 72712
Ph: (479) 271-3135
www.bentonvillear.com

ELECTRIC LAYOUT

REVISION	DATE	BY	DESCRIPTION
1	05/05/2014	BEUD	REVISION
2	07/27/2015	BEUD	REVISION
3	07/27/2015	BEUD	REVISION
4	07/27/2015	BEUD	REVISION
5	07/27/2015	BEUD	REVISION



SCAN FOR LATEST
REVISION OF BEUD SPECS
www.tinyurl.com/BEUDSpecs

DRAWN: A.J.H. 09/2024
CHECKED: WDT REV 5
SHEET NUMBER: 3