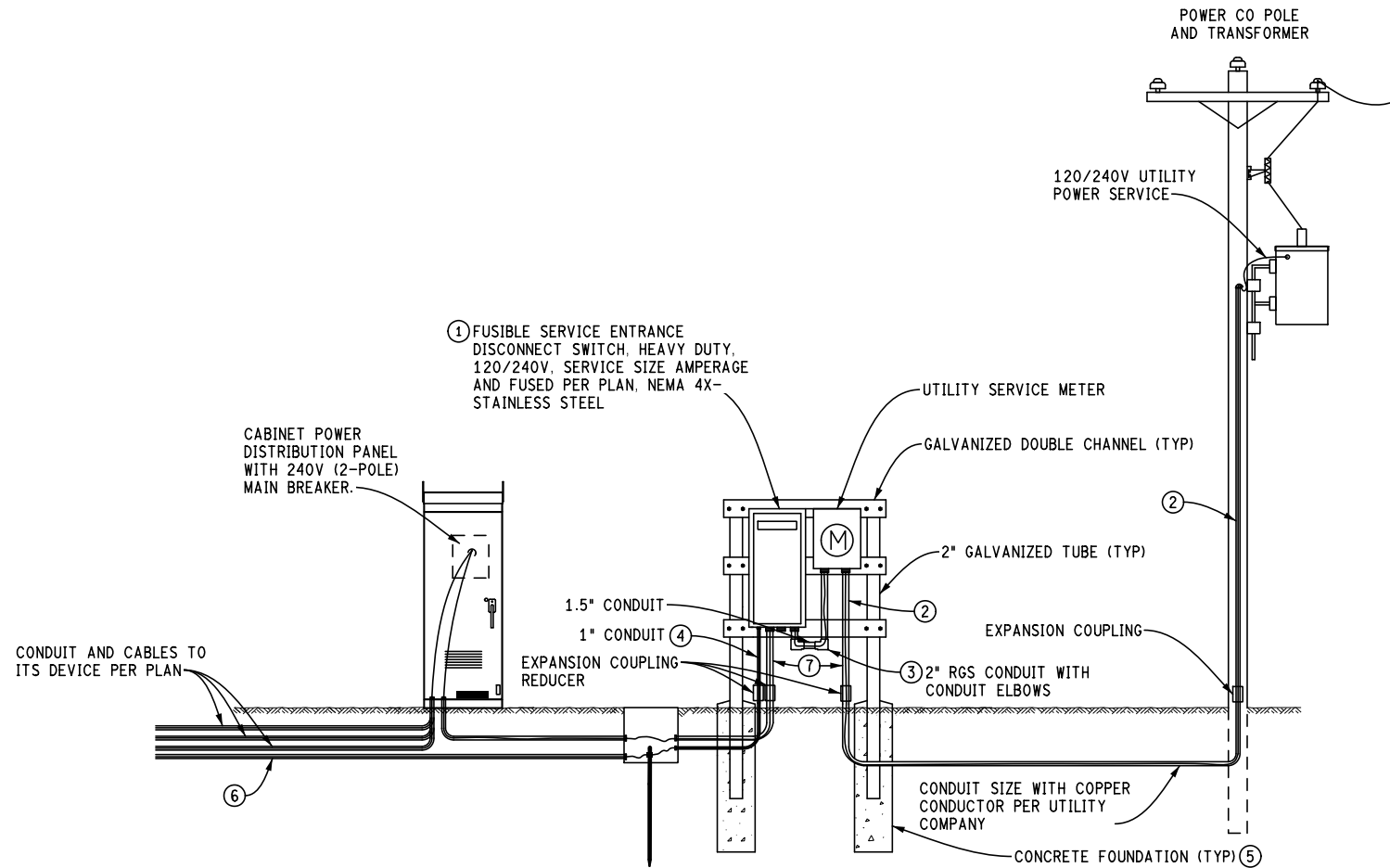


SERVICE SIZE	CONDUIT SIZE
30 AMPS	2"
60 AMPS	2"
100 AMPS	3"

TABLE 1



DETAIL 2  
POWER SERVICE, UNDERGROUND  
3 WIRE PLUS GROUND, 1 PHASE, PER PLAN

- ① NEMA 4X SERVICE ENTRANCE RATED DISCONNECT ENCLOSURE. FUSE SIZES PER PAY ITEM AND SPECIAL PROVISION FOR POWER SERVICE. PROVIDE ONE PADLOCK FOR EACH ENCLOSURE. PADLOCK SHALL BE IN ACCORDANCE WITH THE SPECIAL PROVISIONS. PROVIDE AND ATTACH LABEL WITH SITE ADDRESS TO OUTSIDE OF ENCLOSURE.
- ② RIGID GALVANIZED STEEL (RGS) ATTACHED TO EQUIPMENT STAND OR AS RISER ON POLE. PROPER BONDING OF METALLIC CONDUIT IS REQUIRED UTILIZING BUSHINGS OR OTHER APPROVED METHOD BY LARA AND THE LOCAL UTILITY.
- ③ THREADED HUB TYPE CONDUIT COUPLING BETWEEN ENCLOSURES SIZED TO ACCOMMODATE CONDUCTORS.
- ④ 1-1/C #6 XHHW-2 GROUNDING ELECTRODE CONDUCTOR IN CONDUIT TO DISCONNECT SWITCH GROUND BUS. GROUND BUS BONDED TO NEUTRAL BUS.
- ⑤ (2) 12" DIA. X 44" CONCRETE FOUNDATIONS. SLOPE TOP OF FOUNDATION AWAY FROM GALVANIZED TUBE FOR DRAINAGE. ONE SOLID CONCRETE FOUNDATION MAY BE USED AS AN ALTERNATE DESIGN WITH APPROVAL FROM THE ENGINEER.
- ⑥ SEE "ITS GROUNDING AND BONDING" DETAIL.
- ⑦ CONDUIT INLET SIZE BASED ON POWER SERVICE AMPERES (AMPS). VIEW TABLE 1.

FINAL ROW PLAN REVISIONS		(SUBMITTAL DATE: )	
NO.	DATE	AUTH	DESCRIPTION



NO SCALE

PRINT FILE: 2/26/2020  
FILE: Power Service - 2-26-2020\_ITS025A

DATE:  
DESIGN UNIT:  
TSC:

CS:  
JN:

POWER SERVICE	DRAWING	SHEET
UNDERGROUND		
SHEET 1 OF 1		