

① FUSIBLE SERVICE ENTRANCE DISCONNECT SWITCH, HEAVY DUTY, V. A. FUSED PER PLAN, NEMA 4X - STAINLESS STEEL

UTILITY SERVICE METER

KVA STEP-DOWN TRANSFORMER

GALVANIZED DOUBLE CHANNEL (TYP)

CABINET POWER DISTRIBUTION PANEL WITH 240V (2-POLE) MAIN BREAKER.

2" GALVANIZED TUBE (TYP)

CONDUIT AND CABLES TO ITS DEVICE PER PLAN

EXPANSION COUPLING

CONDUIT AND CONDUCTORS SIZED PER PLAN

③ 2" RGS CONDUIT WITH CONDUIT ELBOWS

EXPANSION COUPLING

3" HDPE CONDUIT WITH UTILITY COMPANY CONDUCTORS

⑤ CONCRETE FOUNDATION (TYP)

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 1-1/2" #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.

THIS TYPICAL APPLIES TO CONSTRUCTION SHEETS:

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



NO SCALE

PRINT FILE: 7/5/2016

FILE: StepDwnTransformer- 7-5-2016_ITS022B

DATE:

DESIGN UNIT:

TSC:

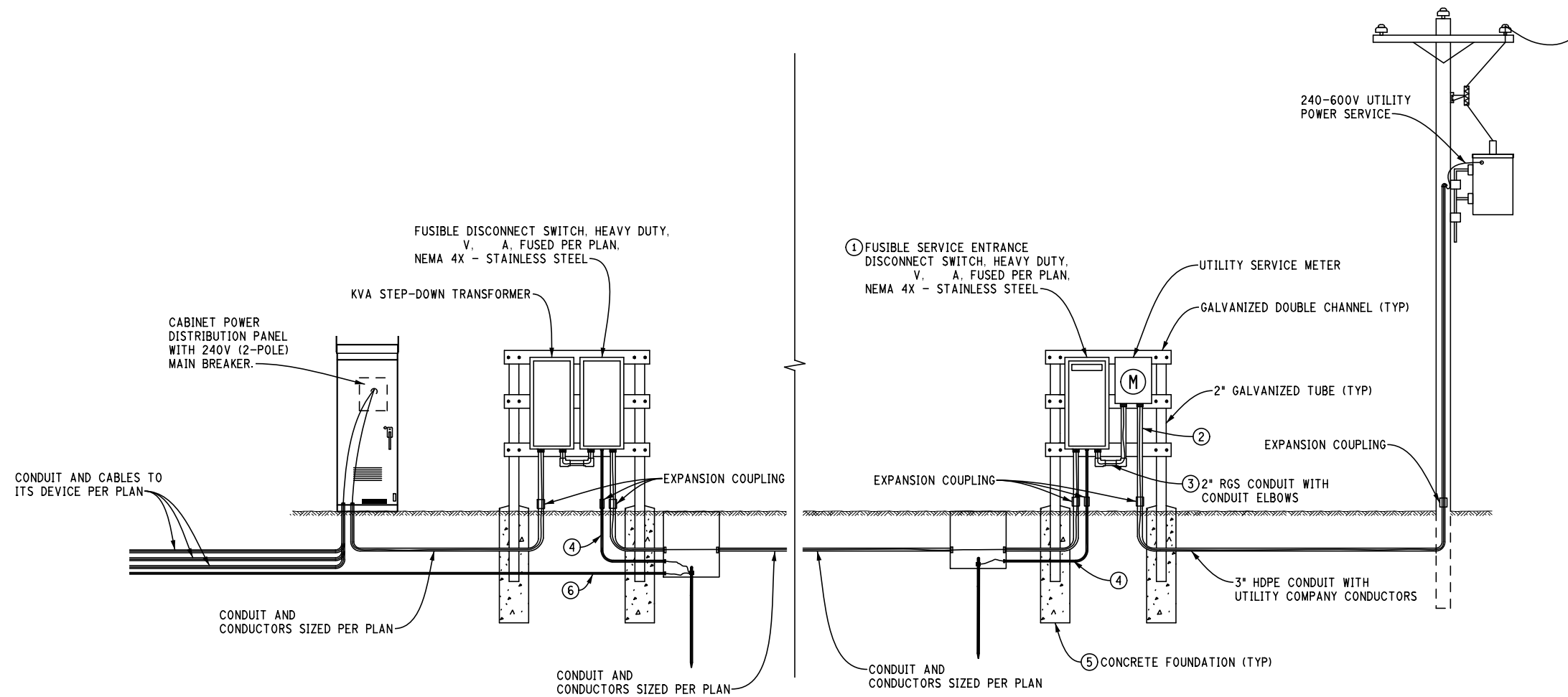
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STEP-DOWN TRANSFORMER

SHEET 1 OF 2

DRAWING SHEET



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SHEET 2 OF 2