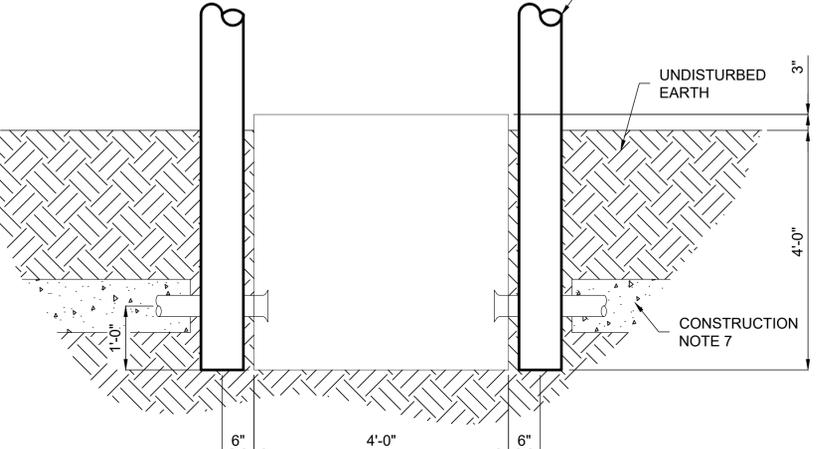
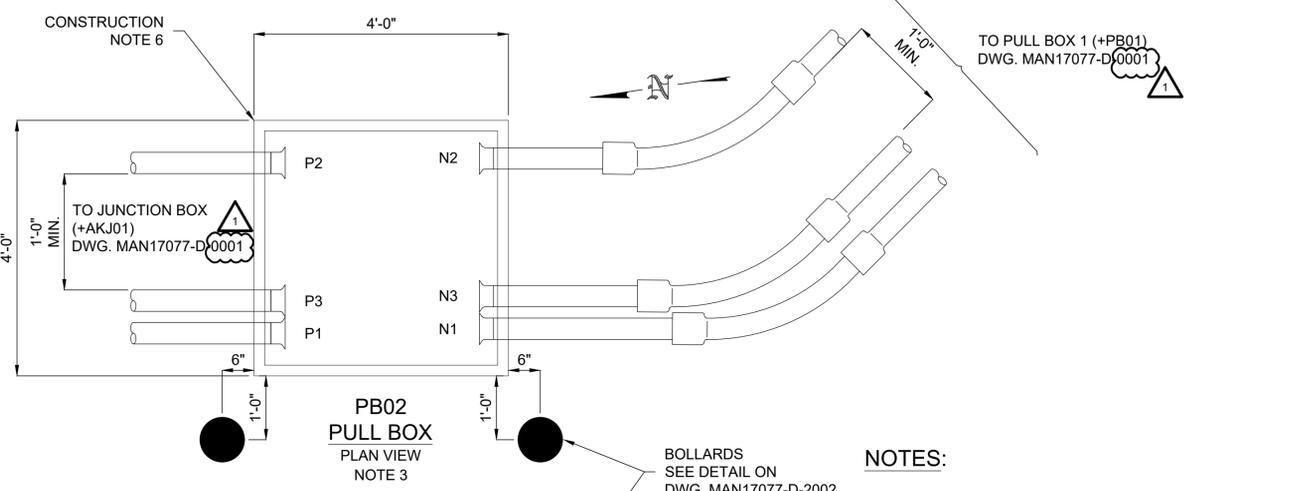
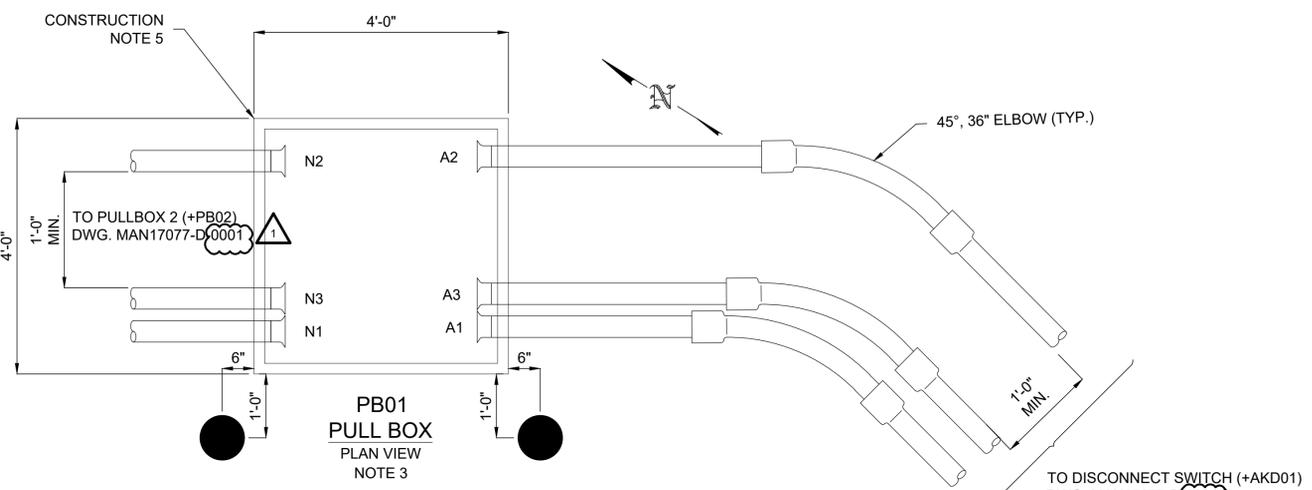


CABLE CONNECTIONS - BILL OF MATERIALS				
ITEM	QUANTITY	DESCRIPTION	MANUFACTURER	CAT #
+PB01, +PB02	2	PULL BOX, POLYMER CONCRETE, QUAZITE TYPE PG, SOLID BOTTOM, 48"(H) x 48"(D) x 48"(W), WITH EXTRA HEAVY DUTY COVER	QUAZITE	PG4848DA48 & PG4848HH00
	3	200A, 15KV CLASS LOAD BREAK ELBOW CONNECTOR WITH OPTIONAL INTEGRAL JACKET SEAL, FOR #2 AWG CONDUCTOR	COOPER	LEJ215AB04 GS
+AKJ01	1	CABLE JUNCTION BOX, 15KV, 200A, PROVIDED BY NATIONAL GRID	POWER DESIGN, INC.	CJP-31-41-L2-WG-2315-GB38



PB01 & PB02
PULL BOX
ELEVATION

REFERENCE DRAWINGS:

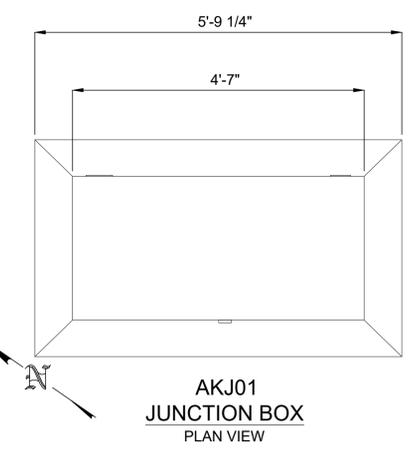
- MAN17077-D-0001 BATTERY STORAGE LOCATION PLAN
- MAN17077-D-1303 CONDUIT DETAILS
- MAN17077-TD-0001 CONDUIT SCHEDULE

NOTES:

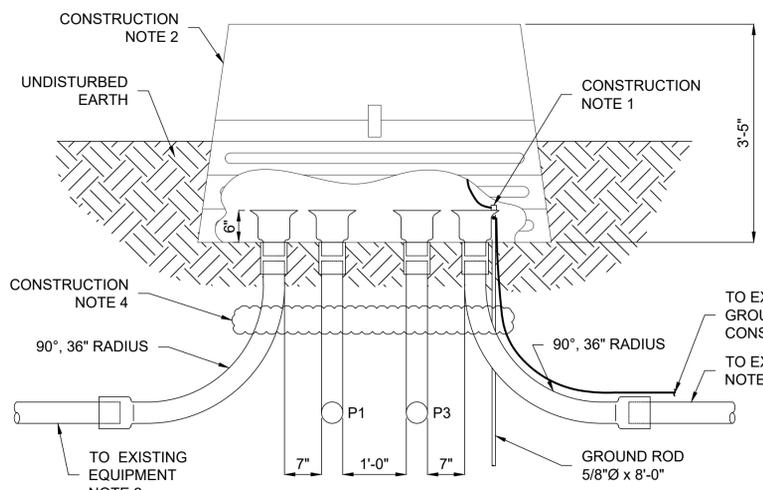
- ORIGINAL DRAWING RECEIVED FROM VENDOR WAS FOR CJP-30-50 AND WAS MODIFIED BY EPS TO SHOW CORRECTED DIMENSIONS FOR CJP-30-41.
- FIELD TO LOCATE PULL BOX ON SOUTH CORNER OF EXISTING EQUIPMENT AREA. ALIGN OUTER CORNER WITH OUTER EDGES OF EXISTING EQUIPMENT. NATIONAL GRID TO DETERMINE CONNECTIONS WITH EXISTING EQUIPMENT. CONDUIT P2 TO CONTINUE STRAIGHT TO COMMUNICATION EQUIPMENT.
- PULL BOX LOCATION FOUND ON DRAWING MAN17077-D-0001 BATTERY STORAGE LOCATION PLAN. CONDUIT TRENCH DETAILS FOUND ON DRAWING MAN17077-D-1303 CONDUIT DETAILS SHEET 1 OF 2.

CONSTRUCTION NOTES:

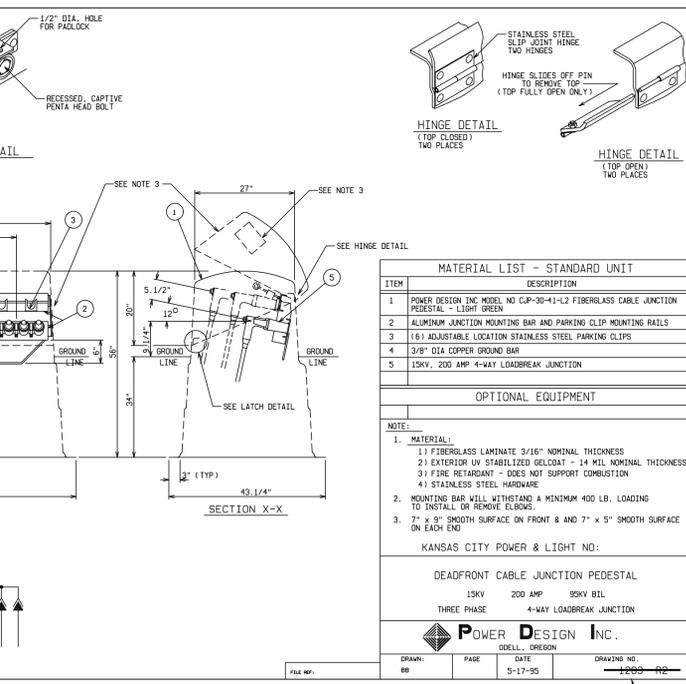
- EXOTHERMIC WELD WITH #4 AWG BARE Cu LEAD TO 5/8" GROUND ROD IN JUNCTION BOX FOR GROUND JUMPERS AND SURGE ARRESTORS.
- FINAL LOCATION TO BE CONFIRMED BY NATIONAL GRID.
- INSTALL #2 AWG BARE COPPER GROUND FROM JUNCTION BOX GROUND ROD TO NEAREST EXISTING EQUIPMENT GROUND. SEE BORREGO SOLAR DWG E-5.0 FOR EXISTING EQUIPMENT GROUND LOCATION.
- CONDUIT DIRECTIONS TO EXISTING EQUIPMENT BY NATIONAL GRID.
- ALIGN PB01 WITH SECTION 'N'. SEE DRAWING MAN17077-D-0001 BATTERY STORAGE LOCATION PLAN.
- ALIGN PB02 WITH SECTION 'P'. SEE DRAWING MAN17077-D-0001 BATTERY STORAGE LOCATION PLAN.
- END CONCRETE ENCASUREMENT APPROXIMATELY 1 FT FROM PULL BOX. SEE DRAWING MAN17077-D-1303 FOR TRENCH DETAILS.



AKJ01
JUNCTION BOX
PLAN VIEW



AKJ01
JUNCTION BOX
ELEVATION



MATERIAL LIST - STANDARD UNIT	
ITEM	DESCRIPTION
1	POWER DESIGN INC MODEL NO CJP-30-41-L2 FIBERGLASS CABLE JUNCTION PEDESTAL - LIGHT GREEN
2	ALUMINUM JUNCTION MOUNTING BAR AND PARKING CLIP MOUNTING RAILS
3	161 ADJUSTABLE LOCATION STAINLESS STEEL PARKING CLIPS
4	3/8" DIA COPPER GROUND BAR
5	15KV, 200 AMP 4-WAY LOADBREAK JUNCTION

OPTIONAL EQUIPMENT			
ITEM	DESCRIPTION	DATE	BY
1	MATERIAL:		
1	FIBERGLASS LAMINATE 3/16" NOMINAL THICKNESS		
2	EXTERIOR UV STABILIZED GELCOAT - 14 MIL NOMINAL THICKNESS		
3	FIRE RETARDANT - DOES NOT SUPPORT COMBUSTION		
4	STAINLESS STEEL HARDWARE		
5	MOUNTING BAR WILL VETROFRAD A MINIMUM 400 LB. LOADING TO INSTALL, OR REMOVE ELBOWS.		
6	7" x 9" SMOOTH SURFACE ON FRONT & AND 7" x 5" SMOOTH SURFACE ON EACH END		

DRAWING NOT ISSUED FOR CONSTRUCTION. FINAL QA/QC TO BE PERFORMED PRIOR TO APPLYING SEAL.

VIONX ENERGY - 905-0522 BATTERY STORAGE SYSTEM SHIRLEY, MA		DRAFTER: JBH ENGR: SDE DATE: 11 AUG 17
EPS ENGINEERING & DESIGN A Division of Electric Power Systems International, Inc. 1338 E. KINGSLEY, SUITE B SPRINGFIELD, MO 65804 PHONE: (417) 886-4840 FAX: (417) 886-4842		CHECKER: MB APPD: PLK SCALE: 3/4" = 1'-0"
REV. DATE DESCRIPTION 0 24 DEC 17 ISSUED FOR CONSTRUCTION 1 32 JAN 18 REFERENCE UPDATE AND MATERIAL CORRECTION		DRAWING NO. MAN17077-D-1305 REV. 1