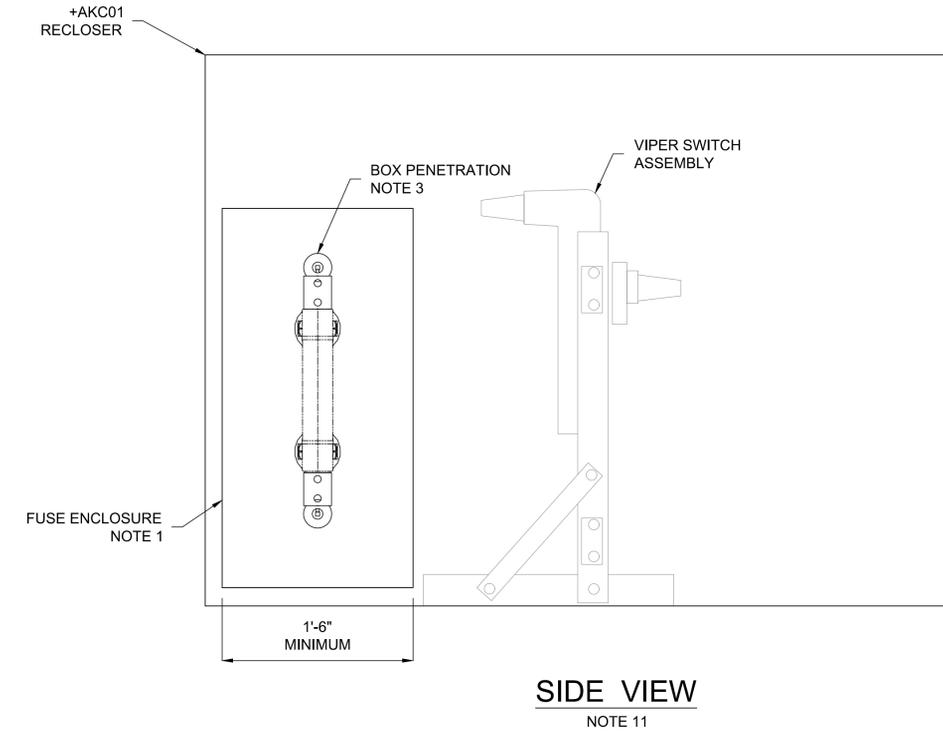
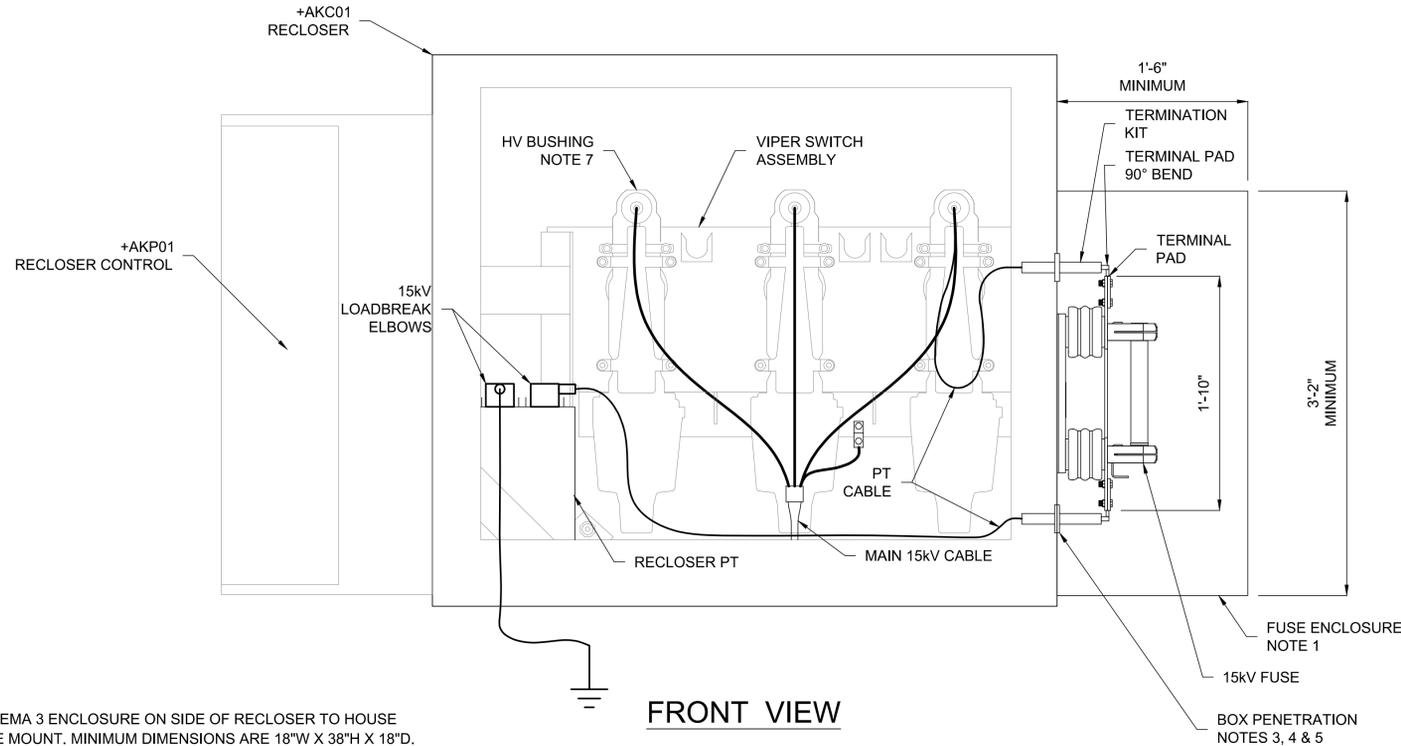


**RECLOSER CONNECTIONS - BILL OF MATERIALS**

ITEM	QUANTITY	DESCRIPTION	MANUFACTURER	CAT #
1	2	PT, BUSHING INSERT, 15KV, 200A	TNB	1601A4
2	2	PT, 15KV, LOADBREAK ELBOW, 15KV, 200A	TNB	162LR-B5220-SG3
3	7	RECLOSER, 34.5KV DEADBREAK, T-BODY	COOPER	BT635D11C1
4	1	RECLOSER, CONNECTING PLUG	COOPER	DCP635C



**NOTES:**

1. INSTALL NEMA 3 ENCLOSURE ON SIDE OF RECLOSER TO HOUSE 15KV FUSE MOUNT. MINIMUM DIMENSIONS ARE 18"W X 38"H X 18"D. MAINTAIN 7" CLEARANCE TO LIVE PARTS.
2. FUSE ENCLOSURE DOOR TO BE BOLTED WITH PENTAHEAD BOLTS AND LABELED WITH "DANGER HIGH VOLTAGE" STICKER. ENCLOSURE DOOR TO BE BONDED TO ENCLOSURE.
3. FIELD TO LOCATE PENETRATIONS TO RECLOSER CABINET TO ALLOW FOR CABLE TERMINATION ASSEMBLY TO BE INSTALLED.
4. INSTALL GASKET AROUND BOX PENETRATIONS TO PREVENT WEATHER INFILTRATION.
5. INSTALL GROMMET AROUND PENETRATION HOLE TO PREVENT CABLE DAMAGE.
6. PT PRIMARY CABLE IS 15KV, MV-105, #2 AWG COPPER. TYPICAL MINIMUM BEND RADIUS IS 12". CHECK OEM INFORMATION AND NEC 300.34 PRIOR TO INSTALLING.
7. RECLOSER BUSHINGS ARE IEEE 386 INTERFACE 13. SEE G&W DRAWING '67584-1 D8706PM1ZM00' FOR MORE INFORMATION.
8. RECLOSER PT IS ABB TYPE VIL-95. PRIMARY CONNECTIONS ARE 15KV 200A LOAD BREAK BUSHING WELLS. TNB PART # L1601-PC-S1. INSTALL BUSHING INSERT AND 15KV LOADBREAK ELBOWS. BOND H2 CONNECTION TO GROUND TAIL PROVIDED FOR RECLOSER GROUND.
9. INSTALL #1 AWG Cu BONDING JUMPER FROM FUSE ENCLOSURE TO RECLOSER GROUND CONNECTION.
10. INSTALL DEADBREAK T-BODY ELBOW TERMINATIONS ON RECLOSER VIPER SWITCH HV BUSHING FOR MAIN CONDUCTOR TERMINATIONS. INSTALL CONNECTING PLUG AND T-BODY ELBOW TERMINATION BEHIND ONE MAIN CONDUCTOR CONNECTION FOR FUSE HIGH SIDE CONNECTION.
11. CONDUCTORS AND CONNECTORS NOT SHOWN ON SIDE VIEW.

**REFERENCE DRAWINGS:**

- MAN17077-D-0001 BATTERY STORAGE LOCATION PLAN
- MAN17077-D-1303 CONDUIT DETAILS, SHEET 1 OF 2

**ISSUED FOR CONSTRUCTION  
OCT 15, 2018**



<b>VIONX ENERGY - 905-0522 BATTERY STORAGE SYSTEM SHIRLEY, MA</b>			
DRAFTER: MB	ENGR: SDE	DATE: 19 DEC 17	
CHECKER: LLO	APPD: PLK	SCALE:	
REV	DATE	DESCRIPTION	
0	15 OCT 18	ISSUED FOR CONSTRUCTION	
A Division of Electric Power Systems International, Inc. 1338 E. KINGSLEY, SUITE B SPRINGFIELD, MO 65804 PHONE: (417) 886-4840 FAX: (417) 886-4842			
<b>PT FUSE MOUNTED AT RECLOSER DETAIL</b>			DRAWING NO. MAN17077-D-1311
			REV. 0

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