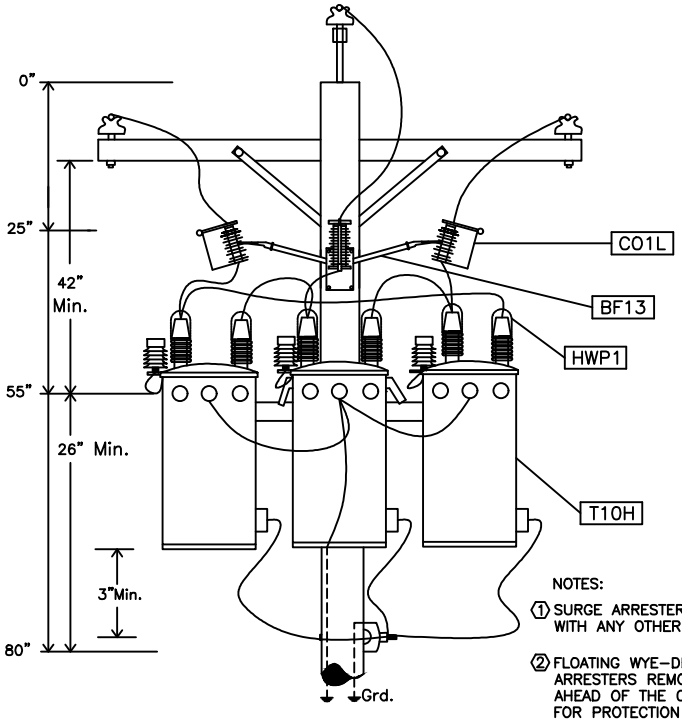
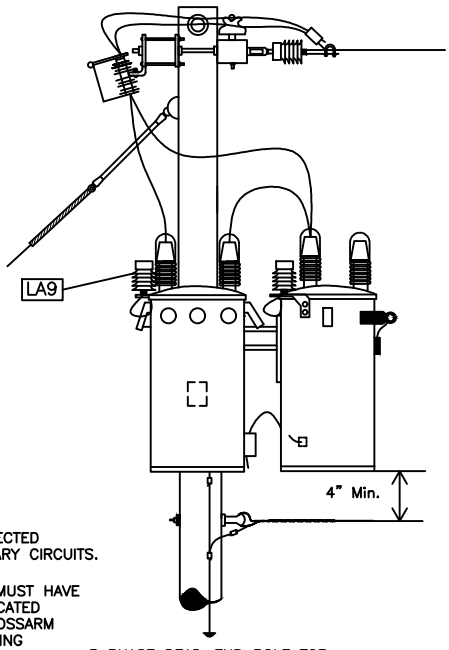
NOV. 2019



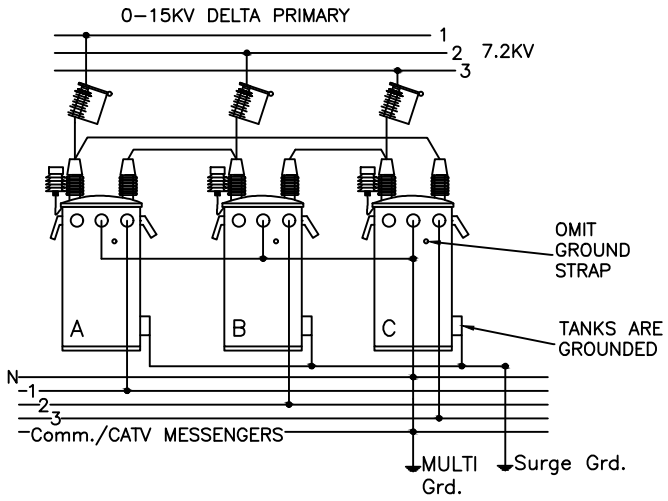
3 PHASE CROSSARM POLE TOP
FIGURE 1

NOTES:

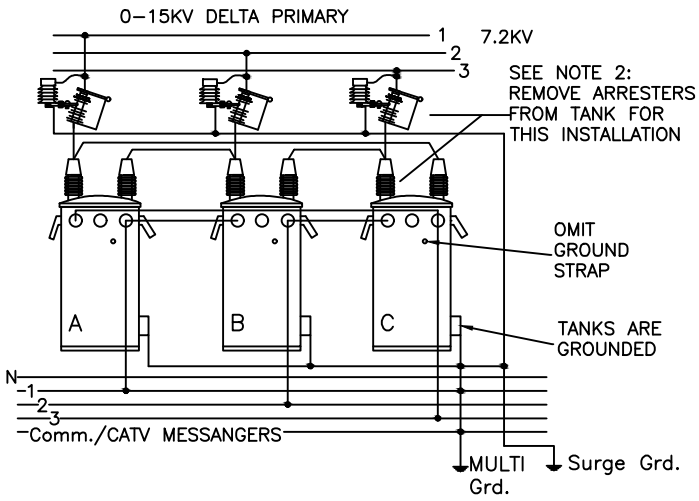
1. SURGE ARRESTER GROUNDS ARE NOT INTERCONNECTED WITH ANY OTHER MULTIGROUNDS ON DELTA PRIMARY CIRCUITS.
2. FLOATING WYE–DELTA INSTALLATIONS (FIGURE 4) MUST HAVE ARRESTERS REMOVED FROM THE TANK AND RELOCATED AHEAD OF THE CUTOUT ONTO A BRACKET OR CROSSARM FOR PROTECTION OF THE ARRESTER FROM DAMAGING OVERVOLTAGES INDUCED DURING SWITCHING OPERATIONS (OPENING/RECLOSING OF ITS ASSOCIATED CUTOUT).



3 PHASE DEAD–END POLE TOP
FIGURE 2



480Y/277 or 208Y/120V
WIRING DIAGRAM FIGURE 3



240V
WIRING DIAGRAM FIGURE 4

COMPATIBLE UNIT: TDMIS–805.

TDMIS ID	MATERIAL	D QTY	QTY	QTY	QTY
T10H	SINGLE–PHASE, OVERHEAD, POLE–MOUNTED TRANSFORMER (14400/23940Y V OR 7200/12470V)	3			
BF33	BRACKET, FIBERGLASS, THREE–PHASE, 36", TRIPLE POSITION	1			
CO1L	CUTOUT, POLYMER, 100 AMP, LOADBREAK	3			
LA9	ARRESTER, SURGE, 9 KV, HEAVY DUTY	3			
CHLB1	CLAMP, HOTLINE, BRONZE, #8 TO 2/0 MAIN, #8 TO 1/0 TAP	3			
WPC2	WIRE, COPPER, BARE, 4 AWG, SOLID (FEET)	15			
HWP1	PROTECTOR, WILDLIFE, STANDARD	3			

THE CITY OF COLUMBUS
DEPT. OF PUBLIC UTILITIES
DIVISION OF POWER

THREE PHASE CONVENTIONAL TRANSFORMER
DELTA OR UNGROUNDED–WYE CONNECTED PRIMARY

TDMIS–805.D