



DETAIL 1
120/208 OR 277/480 VOLT WYE SECONDARY WIRING

CODED NOTES:

- (A) FOR PROPER BOLT, WASHER AND NUT ASSEMBLY, REFER TO TDMIS-22.
- (B) WHEN MULTIPLE CABLES PER PHASE ARE REQUIRED, THE PREFERRED MANNER OF INSTALLATION IS AN EQUAL NUMBER OF CABLES OF EACH PHASE IN EACH CONDUIT. IF INSTALLATION CONDITIONS DICTATE THAT EACH CONDUIT CONTAIN ONLY ONE PHASE, THE CONDUIT SHALL BE EITHER NON-METALLIC OR ALUMINUM. FERROUS METAL IS NOT PERMITTED IN THE AREA BETWEEN THE CONDUIT. UNLESS BONDED TOGETHER WITH APPROVED GROUNDING BUSHINGS.
- (C) WHEN A BUS EXTENSION IS USED TO INCREASE THE NUMBER OF SECONDARY CABLES BEYOND THE CAPACITY OF THE ORIGINAL TRANSFORMER SPADE, ADDITIONAL SUPPORT FOR THE SECONDARY BUSHINGS SHALL BE USED.

REFERENCE LIST	
TDMIS	DESCRIPTION
1200	PADMOUNT TRANSFORMER PART NUMBERS
1205	PADMOUNT URD SINGLE PHASE TRANSFORMER - SECONDARY CONNECTION
1213	CIRCLE GROUND ASSEMBLY

CITY OF COLUMBUS, OHIO DEPT. OF PUBLIC UTILITIES - DIVISION OF POWER	
120/208 OR 277/480 VOLT WYE SECONDARY WIRING	
DRAWN BY: AEC	DATE: 01/01/2018
APPROVED: <i>[Signature]</i>	
SCALE: NTS	SHEET: 1 OF 1
TDMIS-1211	