



CODED NOTES:

- A** NO CONNECTIONS SHALL BE MADE TO SECONDARY NEUTRAL BUSHING AND EXISTING GROUND STRAP SHALL BE REMOVED. BUSHING SHALL BE COVERED WITH TWO HALF-LAPPED LAYERS OF INSULATING TAPE AND ONE HALF-LAPPED LAYER OF JACKETING TAPE.
- B** BUSHING SHALL BE TAGGED "CAUTION ENERGIZED BUSHING".
- C** THE BUSHING OF THE PHASE GROUNDED BY THE CUSTOMER MUST BE CONNECTED TO THE SYSTEM NEUTRAL AND TANK GROUND.
- D** FOR PROPER BOLT, WASHER AND NUT ASSEMBLY, REFER TO TDMIS-22.
- E** 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 BUSHING SHALL BE USED.
- F** 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 ALUMINUM. FERROUS METAL IS NOT PERMITTED IN THE AREA BETWEEN THE CONDUITS UNLESS APPROVED GROUNDING BUSHINGS ARE BONDED TO GROUND.

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

480 VOLT THREE WIRE SECONDARY WIRING

DRAWN BY: AEC DATE: 01/01/2018
 APPROVED: *[Signature]*
 SCALE: NTS SHEET: 1 OF 1

TDMIS-1212

DETAIL 1
480V THREE WIRE SECONDARY WIRING