



**CODED NOTES:**

- (A) BOLT TRANSFORMER ON EACH SIDE OF PAD WITH MANUFACTURER SUPPLIED HOLD-DOWN CLEAT.
- (B) SECONDARY AND/OR SERVICE CABLES TO BE INSTALLED NEXT TO TRANSFORMER SO THEY DO NOT INTERFERE WITH THE MOVEMENT OF THE PRIMARY CABLES.
- (C) X2 TERMINAL STUD SHALL BE COVERED WITH TWO HALF LAPPED LAYERS OF INSULATING TAPE AND HALF-LAPPED LAYER OF JACKETING TAPE.
- (D) RUN GROUND STRAP FROM CASE GROUND TO X1 BUSHING OR REMOVE STRAP AND INSTALL #4 FROM CASE GROUND TO X1 BUSHING.

**SECONDARY SPADE SIZE TABLE**

# OF HOLES	TRANSFORMER SIZE
4 MIN.	0-167 KVA
6 MIN.	167-250 KVA
8 MIN.	250-333 KVA

**REFERENCE LIST**

TDMIS	DESCRIPTION
1009	FLAT PAD FOR SINGLE PHASE TRANSFORMER
1200	PADMOUNT TRANSFORMER PART NUMBERS
1201	SINGLE PHASE PADMOUNT TRANSFORMER
1213	CIRCLE GROUND ASSEMBLY
1510	UNDERGROUND CABLE

**ITEM LIST**

ITEM #	DESCRIPTION	PART #	QTY.
①	SINGLE PHASE TRANSFORMER, SEE TDMIS-1200	-	1
②	BUSHING INSERTS	20887	5
③	CONNECTOR, COMPRESSION TYPE	*	AS REQ
④	CONNECTOR, BRONZE AERIAL TYPE	*	2
⑤	CONDUCTOR, #4 SOLID, SOFT DRAWN COPPER	*	AS REQ
⑥	ROD, GROUND 5/8"X10' COPPERWELD	*	1
⑦	ACORN CLAMP	20431	1
⑧	REMOVABLE SECONDARY SPADE	*	1

CITY OF COLUMBUS, OHIO  
 DEPT. OF PUBLIC UTILITIES - DIVISION OF POWER  
**480 VOLT SERVICE SINGLE PHASE  
 DEAD-FRONT PADMOUNT TRANSFORMER**

**DETAIL 1**  
**480V SERVICE SINGLE PHASE DEAD-FRONT TRANSFORMER**