

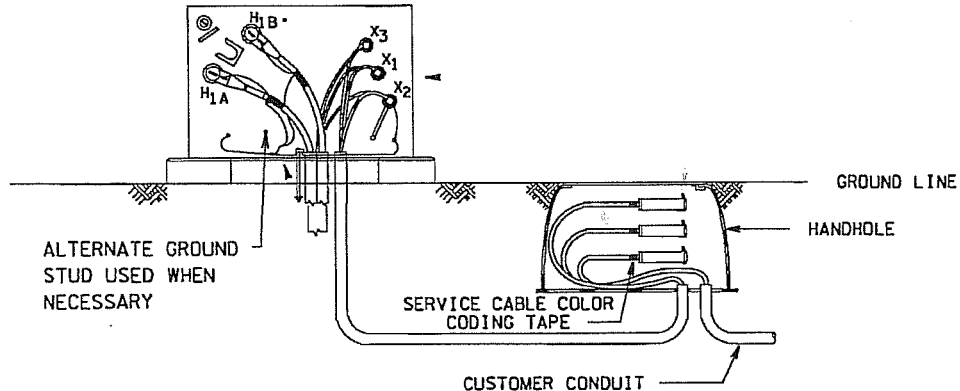
- NOTES:
1. THIS FIGURE IS THE PREFERRED SECONDARY TERMINATION FOR SINGLE-PHASE PAD-MOUNT TRANSFORMERS.
 2. USE JAM NUT TO LOCK ALL SCREW ON CONNECTORS ON TRANSFORMER SECONDARY STUD.

FIGURE 1

TRANSFORMER kVA	ALLOWABLE SERVICE CABLES PER LEG	SECONDARY CONNECTOR TEC NO.	CABLE RANGE CU. OR AL.	CONNECTOR DESCRIPTION
25 THRU 75	6	5550930	#10-350 KCMIL	6 TAPS, 5/8" - 11 THREADS
	6	5550990	#6-500 KCMIL	6 TAPS, 5/8" - 11 THREADS
	6	5550230	1/0-750 KCMIL **	6 TAPS, 5/8" - 11 THREADS
	8	5550950	#6-250 KCMIL	8 TAPS, 5/8" - 11 THREADS
	8	5550250	#6-500 KCMIL	8 TAPS, 5/8" - 11 THREADS
100 AND 167	6	5550970	#2-500 KCMIL	6 TAPS, 1" - 14 THREADS
	6	5550220	1/0-750 KCMIL **	6 TAPS, 1" - 14 THREADS
	8	5550240	#2-500 KCMIL	8 TAPS, 1" - 14 THREADS
250	6	5550870	#6-500 KCMIL	6 TAPS, CABLE TO FLAT

NOTES:

1. THE MAXIMUM ALLOWED SERVICE CABLES PER LEG DOES NOT INCLUDE AN ADDITIONAL STREETLIGHT TAP WHICH IS PROVIDED ON CONNECTORS.
 2. IF THE NUMBER OF CABLES THE CONTRACTOR WISHES TO INSTALL EXCEEDS THE MAXIMUM ALLOWED SERVICE CABLES PER LEG, A TAMPA ELECTRIC PAD-MOUNTED SECONDARY TERMINATION CABINET TEC NO. 5530100 (REFER TO SESR 6.42) OR A TAMPA ELECTRIC HANDHOLE TEC NO. 5535960 MAY BE USED. A MAXIMUM TOTAL OF EIGHT 500 KCMIL TEC AND CONTRACTOR CONDUCTORS PER LEG MAY BE INSTALLED IN THE HANDHOLE. INSTALLATION OF THE HANDHOLE AND CABLE CONNECTIONS WILL BE COMPLETED BY TAMPA ELECTRIC PERSONNEL AT THE CUSTOMER'S EXPENSE.
 3. CONTRACTORS STILL HAVE THE OPTION TO INSTALL 750 KCMIL CONDUCTORS MAKING CONNECTIONS IN A TEC HANDHOLE TEC NO. 5535970, USING CONNECTOR TEC NO. 5550900, WITH A MAXIMUM TOTAL OF SIX (6) TEC AND CONTRACTOR CONDUCTORS PER LEG, OR A TAMPA ELECTRIC PAD-MOUNTED SECONDARY TERMINATION CABINET TEC NO. 5530100 USING THE APPROPRIATE CABLE TO FLAT CONNECTORS.
- ** CONTRACTORS MUST OBTAIN TEC APPROVAL TO INSTALL CONNECTORS LARGER THAN 750 KCMIL.



NO.	CK'D	DATE	REVISION
3	MFK	6-15-06	REVISED TRANSFORMER DETAIL VIEW
2	MFK	8-18-05	MOVED CONDUIT AND WIRE IN WINDOW
1	MEM	4-17-03	REMOVAL OF THE FAULT INDICATOR

◀ DENOTES LATEST REVISION

MGR, STD'S
APPR. DATE
SUPERSEDES

Bob Shindley
6-15-06
11-2/8-18-05

SECONDARY CONNECTORS

SINGLE-PHASE URD PAD-MOUNT TRANSFORMER

11-2