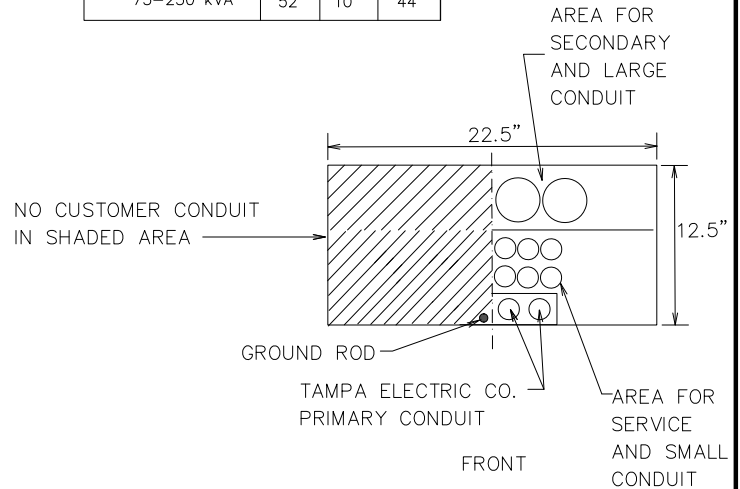


TRANSFORMER SIZES	D	F	W
25-50 kVA	45"	8"	40"
75-250 kVA	52"	10"	44"



WINDOW - DETAIL "A"

TABLE 1

TRANSFORMER kVA	MAX ALLOWED SERVICE CABLES/CONDUITS PER LEG	SECONDARY CONNECTOR TEC NO.	CABLE RANGE CU OR AL
25 THRU 75	(8) SETS OF 2" CONDUIT MAX OR (6) SETS OF 3" CONDUIT MAX OR (4) SETS OF 4" CONDUIT MAX	2004948	(6)#10-350 kCMIL
		2004954	(6)#6-500 kCMIL
		2004902	(6)1/0-750 kCMIL
		2004950	(8)#6-250 kCMIL
		2004904	(8)#6-500 kCMIL
100 THRU 250	(8) SETS OF 2" CONDUIT MAX OR (6) SETS OF 3" CONDUIT MAX OR (4) SETS OF 4" CONDUIT MAX	2004952	(6)#2-500 kCMIL
		2004901	(6)1/0-750 kCMIL
		2004903	(8)#2-500 kCMIL

NOTES:

1. CONCRETE PAD AND ITS LOCATION WILL BE SPECIFIED BY TAMPA ELECTRIC CO.
2. LOCATION OF PAD-MOUNT TRANSFORMERS MUST MEET THE LOCATION REQUIREMENTS FOR OIL FILLED EQUIPMENT (SEE 7.39).
3. ALL CUSTOMER-OWNED CONDUITS SHALL STUB UP BETWEEN 1" AND 3" ABOVE PAD WINDOW. BEGIN INSTALLING CONDUIT FROM THE RIGHT REAR OF THE WINDOW.
4. TAMPA ELECTRIC CO. WILL MAKE ALL SECONDARY CONNECTIONS.
5. SECONDARY CONNECTORS FOR SPECIFIC WIRE SIZES ARE LISTED IN THE TABLE AND SUPPLIED BY TAMPA ELECTRIC CO., ANY OTHER CONNECTOR MUST BE APPROVED BY TAMPA ELECTRIC CO.. FOLLOWING APPROVAL, THE CUSTOMER SHALL PROVIDE THE CONNECTORS AND ONE SET OF SPARES TO TAMPA ELECTRIC CO. FOR INSTALLATION.
6. WHEN THE NUMBER OF SECONDARY CABLES EXCEED TABLE 1, A PAD-MOUNT SECONDARY CABINET WILL BE REQUIRED (SEE 7.28).
7. A SINGLE SERVICE SHALL NOT BE GREATER THAN 1,200 AMPERES CONTINUOUS LOAD. CONTACT DISTRIBUTION ENGINEERING FOR LARGER SERVICES.

◀ DENOTES LATEST REVISION

## REQUIREMENTS FOR SINGLE-PHASE URD PADMOUNT TRANSFORMER INSTALLATIONS

**TAMPA  
ELECTRIC  
COMPANY**

**STANDARD ELECTRICAL  
SERVICE REQUIREMENTS**

DISTRIBUTION ENGINEERING  
2200 E. SLIGH AVE  
TAMPA FL. 33610  
PH. - (813) 275-3053

**7.26**

DATE EFFECTIVE: 8-8-2022