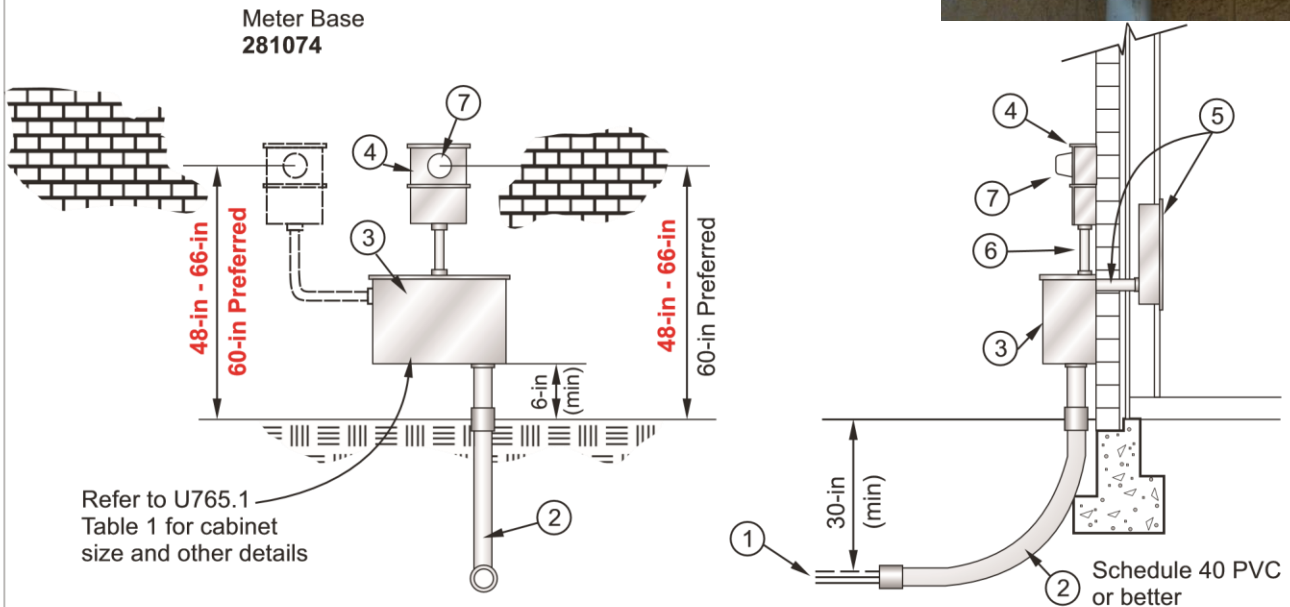


# METER INSTALLATION FOR CURRENT TRANSFORMER METERING SINGLE OR THREE PHASE 1200-AMPERES MAXIMUM

OG&E Electric Services ©



Refer to U765.1  
Table 1 for cabinet  
size and other details

Schedule 40 PVC  
or better

ITEM Number	DESCRIPTION	FURNISHED BY		INSTALLED BY	
		O.G.&E.	CONSUMER	O.G.&E.	CONSUMER
1	Service Lateral	X		X	
‡ 2	Service Lateral Raceway		X		X
** 3	Current Transformer Enclosure	X			X
+ 4	Transformer rated Meter Base	X			X
5	Service Equipment		X		X
6	Metering Conduit 1-inch		X		X
7	Meter	X		X	
* 8	Grounding Electrode & Grounding Electrode Conductor		X		X

- ‡ Size and number of conduits as specified by OG&E
- + Alternate location is shown dotted
- \*\* Current transformer enclosure shall be bonded to neutral block
- \* Not shown

- Notes:
1. Where metering equipment is exposed to vehicular traffic a protective pipe should be installed in concrete 4-ft in front of metering equipment.
  2. Wiring from CTs to meter is not to exceed 20 feet in total length.
  3. OG&E equipment is to be installed on outside surface of structure and is not to be recessed.
  4. Refer to U16 for proper identification and marking.

## METER INSTALLATION FOR CURRENT TRANSFORMER METERING SINGLE OR THREE PHASE 1200-AMPERES MAXIMUM

The following is a suggested configuration for meter bases for overhead and underground meters in residential and commercial applications. OG&E Energy Corp., its subsidiaries and affiliates disclaim any liability for the construction or maintenance practices relating to such suggested configuration.

APPROVED Signatures on File

SUPERSEDES AUG 2014 ISSUE

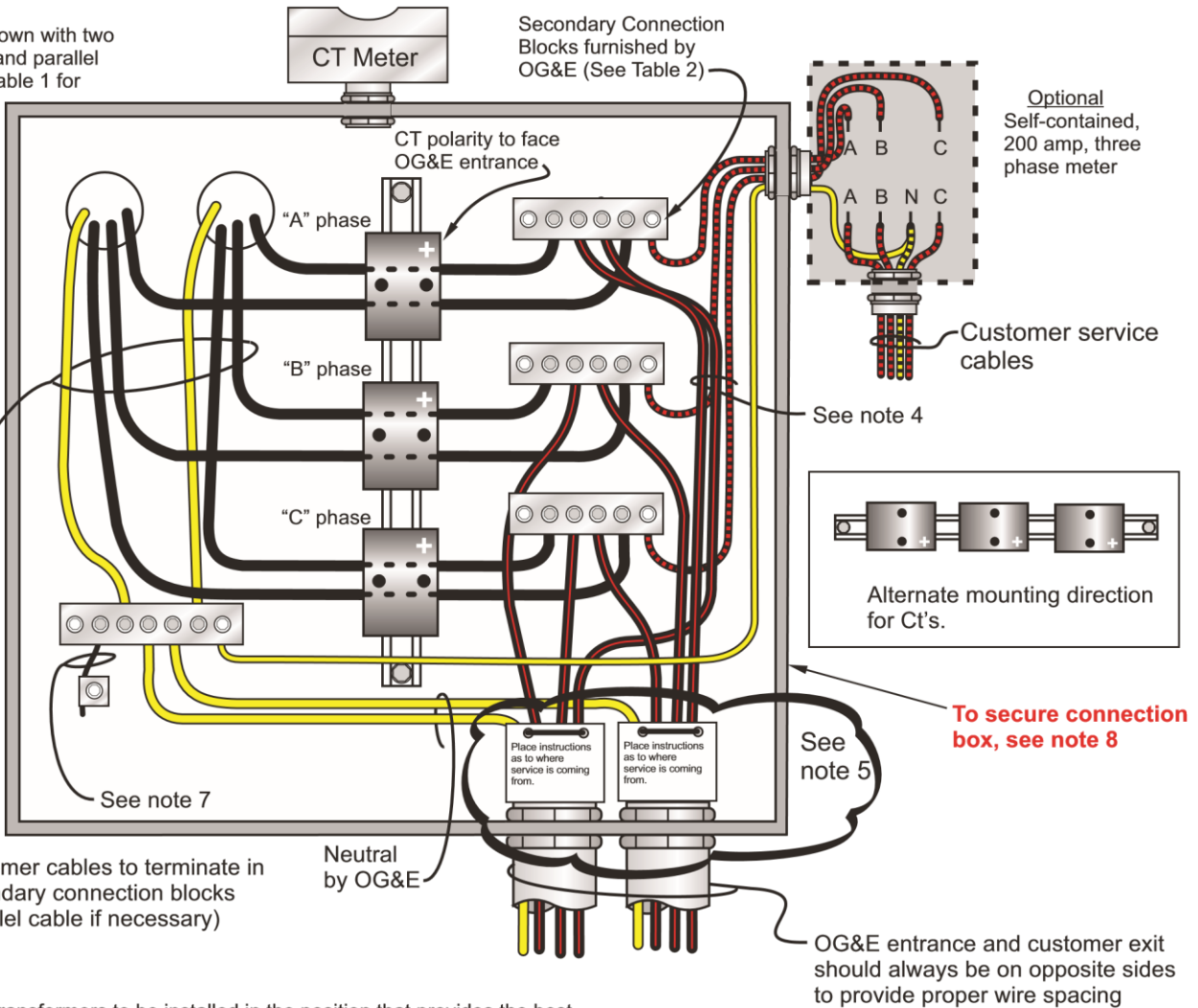
# METER INSTALLATION FOR CURRENT TRANSFORMER METERING SINGLE OR THREE PHASE 1200-AMPERES MAXIMUM

## U765.1

UNDERGROUND STANDARD  
JUL 2016

OG&E Electric Services<sup>®</sup>

CT cabinet shown with two 4-in conduits and parallel cables (See Table 1 for cabinet sizes)



**NOTES:**

1. Current transformers to be installed in the position that provides the best spacing for line and load conductors.
2. Service and metering connections made by OG&E.
3. Verify that customer has established a driven ground at their main switch panels.
4. Position supply cable to center of connector block.
5. Place identifying tag on service conductors with information relating to where service is coming from (pedestal, transformer, pipe or no pipe under driveway.) Refer to U16.
6. Wiring from CTs to CT meter is not to exceed 20 feet in total length.
7. OG&E to bond CT cabinet to neutral block using #6AWG copper wire.
8. **Secure connection box #428962 with (3) Mac-It head bolts (3/8" x 1") #301404 upon energizing. Secure connection box #1009107 with series #1 padlock #301326 upon energizing.**

**TABLE 1**

STOCK ACCOUNT	CABINET DIMENSIONS
428962	30 x 36 x 14
‡ 1009107	42 x 48 x 14

‡ Stock Account 1009107 is for 1200 amp applications **ONLY!**

**CONNECTOR BLOCKS TABLE 2**

STOCK ACCOUNT	SECONDARY TAPS	SERVICE TAPS	MAX CURRENT
264358	2 6-AWG thru 350-KCMIL	2 6-AWG thru 350-KCMIL	600
264195	2 6-AWG thru 500-KCMIL	4 6-AWG thru 500-KCMIL	800
1019876	2 0-AWG thru 750-KCMIL	4 0-AWG thru 750-KCMIL	1200

## CONNECTION DIAGRAM THREE PHASE CT METER INSTALLATION WITH OPTIONAL SELF-CONTAINED METER

SUPERSEDES FEB 2013 ISSUE  
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