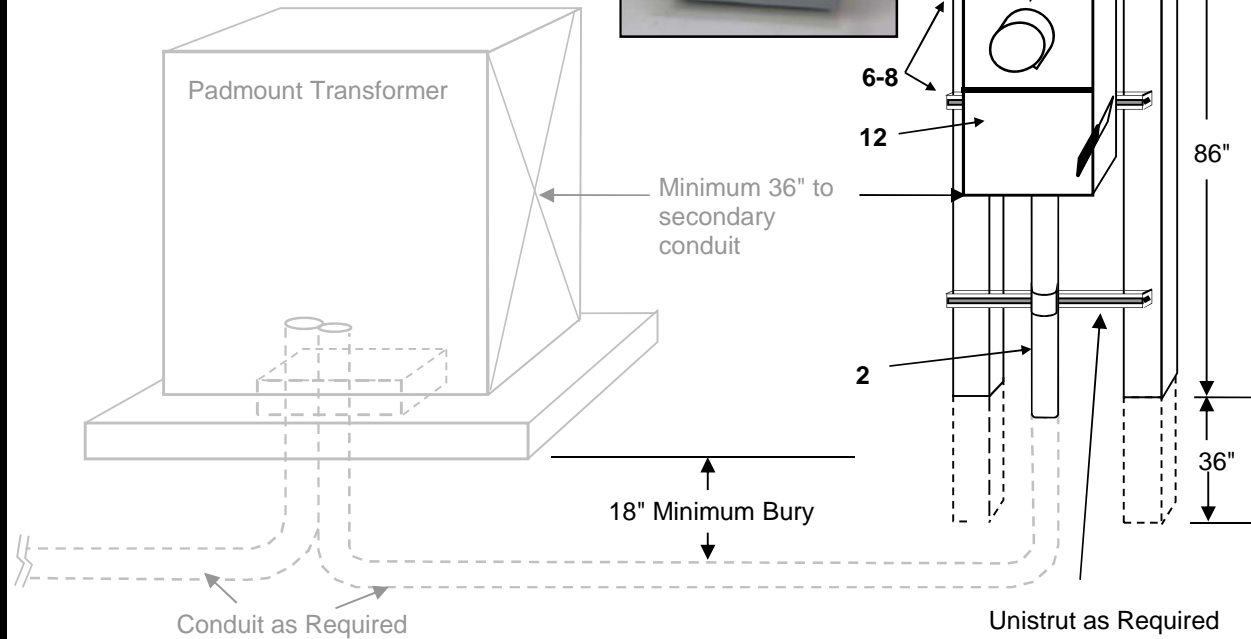


1. Method to use if meter cabinet must be mounted free standing.
2. Meter height shall be between 60" and 72" to center of meter.
3. Meter socket must not be attached directly to padmounted transformer.
4. Conduit shall be used for secondary control wires to meter socket, or for mechanical strain relief.



### MATERIALS LISTING

ITEM	DESCRIPTION	QTY	UNIT	PREC #
1	4" x 4" x 10' Treated Wood Post	2	Ea.	Non-Stock
2	2 1/2" Schedule 80 PVC	As Req.	Ft.	8245-2.5
3	2 1/2" PVC Terminal Adapter	1	Ea.	9801-2.5
4	2 1/2" PVC Female Adapter	1	Ea.	9802-2.5
5	2 1/2" Fitting Locknut	1	Ea.	9804-2.5
6	1" x 1 5/8" Unistrut	3	Ea.	9296-26
7	1/2" x 6" Machine Bolts	6	Ea.	9371-6
8	1/2" Locknut	6	Ea.	9094
9	1" x 1/2" Stainless Steel Bolt	4	Ea.	9857
10	1/2" Spring Nut	4	Ea.	9294
11	1/2" Round Washers	6	Ea.	9098
12	2 1/2" Clamp	1	Ea.	9155-2.5
13	7T 200A Meter Box w/Disconnect	1	Ea.	9186
14	Form 16S/15S Class 200 120-480V 4-Wire 3Ø Meter	1	Ea.	

**Design Parameters:**

>See design notes above.

>4/0 URD Al Quad (290A) recommended for secondary conductor.

**277/480V 200A - 50kVA Transformers (150kVA Bank) Underground to 4-Wire Self Contained Transocket Mounted on Wood/Steel Post Structure**

2/9/2012

Rev. A



**UM8.8-02SC**