

# METER LOOP INSTALLATION GUIDE

DEEP EAST TEXAS ELECTRIC COOPERATIVE, INC.

U.S. HIGHWAY 21 EAST

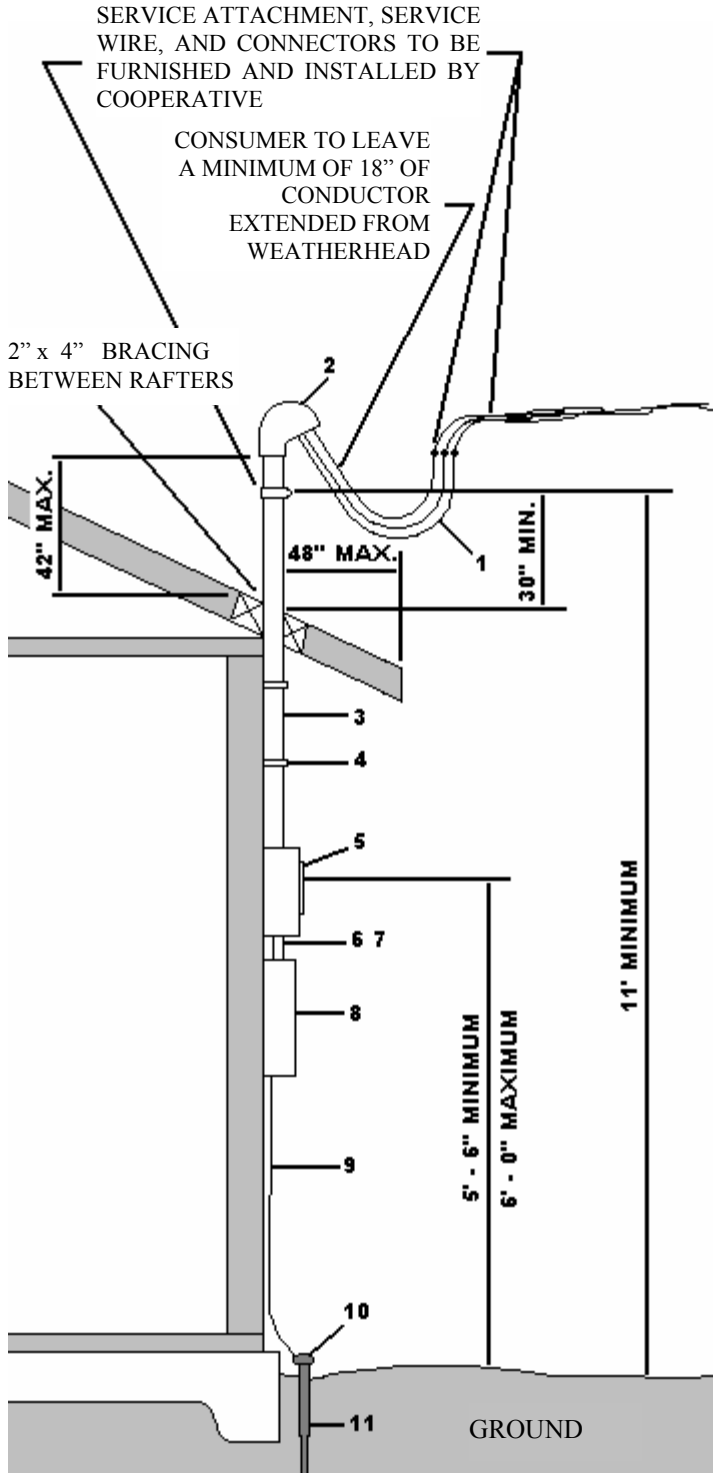
P.O. BOX 736

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## SERVICE MAST

### 100 AMP SERVICE, 120/240 VAC.



### BILL OF MATERIAL

ITEM	QTY	DESCRIPTION
1	AS REQ'D (35' MIN)	#2 STRANDED COPPER CABLE WITH 90° C INSULATION RATING, TYPE RHH, THHN, THHW, OR XHHW
2	1	2" WEATHERHEAD
3	AS REQ'D (5' MIN)	2" RIGID METAL CONDUIT
4	AS REQ'D (2 MIN)	2" CONDUIT STRAPS WITH SCREWS (NAILS NOT ACCEPTABLE)
5	1	METER SOCKET WITH 2" HUB (FURNISHED BY COOPERATIVE AT NO CHARGE)
6	1	1 1/2" NIPPLE - GALVANIZED
7	2	1 1/2" CONDUIT LOCKNUT
8	1	2-POLE 100 AMP WEATHERPROOF ENCLOSURE WITH 1 1/2" HUB IF USED OUTSIDE; IF THE ENCLOSURE IS USED INSIDE, IT MUST BE WITHIN 8 CIRCUIT FEET OF THE METER (NO MORE THAN 6 CIRCUIT BREAKER PANEL IS ALLOWED WITHOUT MAIN BREAKER)
9	8'	#6 SOLID SOFT DRAWN COPPER WIRE
10	1	GROUND ROD CLAMP
11	1	8' GROUND ROD

**\*NOTE** On item 8 - When main breaker is inside bldg - conductor must be in metal conduit between meter base and main disconnect panel.

NOTE: ALL REQUIREMENTS OF THE CURRENT EDITION OF THE NEC OR OF THE LOCAL CODES SHOULD BE FOLLOWED WHEN NOT ADDRESSED IN THIS GUIDE.