



DETAIL "A"
METHOD OF ATTACHING
2" PIPE TO BUILDING PLATE

GENERAL CONDITION NOTES:

HANCOCK-WOOD ELECTRIC CO-OP WILL BE RESPONSIBLE FOR:

- (a) DESIGNATING THE LOCATION OF THE SERVICE MAST AND THE METER.
- (b) PROVIDING AND INSTALLING THE OVERHEAD SERVICE DROP. THE SERVICE DROP TENSION IS TO BE LIMITED TO 500 LBS. UNDER LOADED CONDITIONS.
- (c) INSTALLING AND REMOVING THE METER.

THE MEMBER WILL BE RESPONSIBLE FOR:

- (a) PROVIDING AND INSTALLING THE WEATHER HEAD, SERVICE MAST, ROOF FLASHING, BUILDING PLATE ATTACHMENT, BUILDING ATTACHMENTS AND SERVICE ENTRANCE CONDUCTORS. SERVICE ENTRANCE CONDUCTORS SHALL PROJECT FROM WEATHER HEAD A MINIMUM OF 18".
- (b) PROVIDING A MAST SUPPORT STRONG ENOUGH TO WITHSTAND THE STRAIN IMPOSED BY THE SERVICE DROP.
- (c) INSTALLING MAST PIPE THROUGH A 2-3/8" DIA. HOLE IN A 2" X 12" MIN. BLOCK SOLIDLY BETWEEN RAFTERS - USE 3/8" X 4" WOOD SCREWS, FOUR ON EACH SIDE. MINIMUM ALLOWABLE SEPARATION BETWEEN ROOF AND SERVICE ATTACHMENTS MAY BE 1'-6", IF DIMENSION "X" IS 4'-0" OR LESS. MAXIMUM CONDUCTOR FILL IN 2" PIPE IS 3-4/0 CONDUCTORS OR SERVICE ENTRANCE CABLE EQUIVALENT.
- (d) PROVIDING AND INSTALLING THE GROUND ROD, GROUND CLAMP AND GROUND WIRE.
- (e) PROVIDING, INSTALLING AND MAKING METER CONNECTIONS FOR THE SERVICE ENTRANCE CONDUCTORS OR CABLE.
- (f) PROVIDING AND SECURELY MOUNTING METER BASE IN A PLUMB POSITION.
- (g) INSTALLATION OF EQUIPMENT TO BE IN ACCORDANCE WITH HANCOCK-WOOD ELECTRIC CO-OP STANDARDS AND/OR LOCAL ORDINANCES OR CODES.

GENERAL CONSTRUCTION NOTES:

1. SERVICE MAST TO BE USED WHERE IT IS IMPOSSIBLE TO ATTACH WIRE HOLDERS TO THE BUILDING WALL AND MAINTAIN PROPER CLEARANCE. FOR PROPER ROOF TO SERVICE ATTACHMENT CLEARANCES, REFER TO MEMBER RESPONSIBILITY (c). ONLY HANCOCK-WOOD ELECTRIC CO-OP SERVICE CONDUCTORS ARE ALLOWED TO CONTACT THE SERVICE MAST, NEC (230-28).
2. MINIMUM HEIGHT OF 18", MAXIMUM HEIGHT OF 36" WITHOUT GUYING.
3. MEMBER GROUNDING SHALL BE IN ACCORDANCE WITH NEC AND LOCAL REGULATIONS. THE GROUND WIRE SHALL NOT BE CONNECTED IN THE METER SOCKET.

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HANCOCK-WOOD ELECTRIC COOPERATIVE		
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PROJECT: SERVICE ATTACHMENT TO MAST OF LOW PROFILE OR OTHER BUILDING		SCALE: no scale
FILE LOCATION: E:\ENGINEERING\SPECIFICATIONS\CONSTRUCTION STANDARDS	CHECKED: WAB	
DATE: 01/17/05	DRAWN BY: BAF	APPROVED: 01/18/05
		OHS-MAST