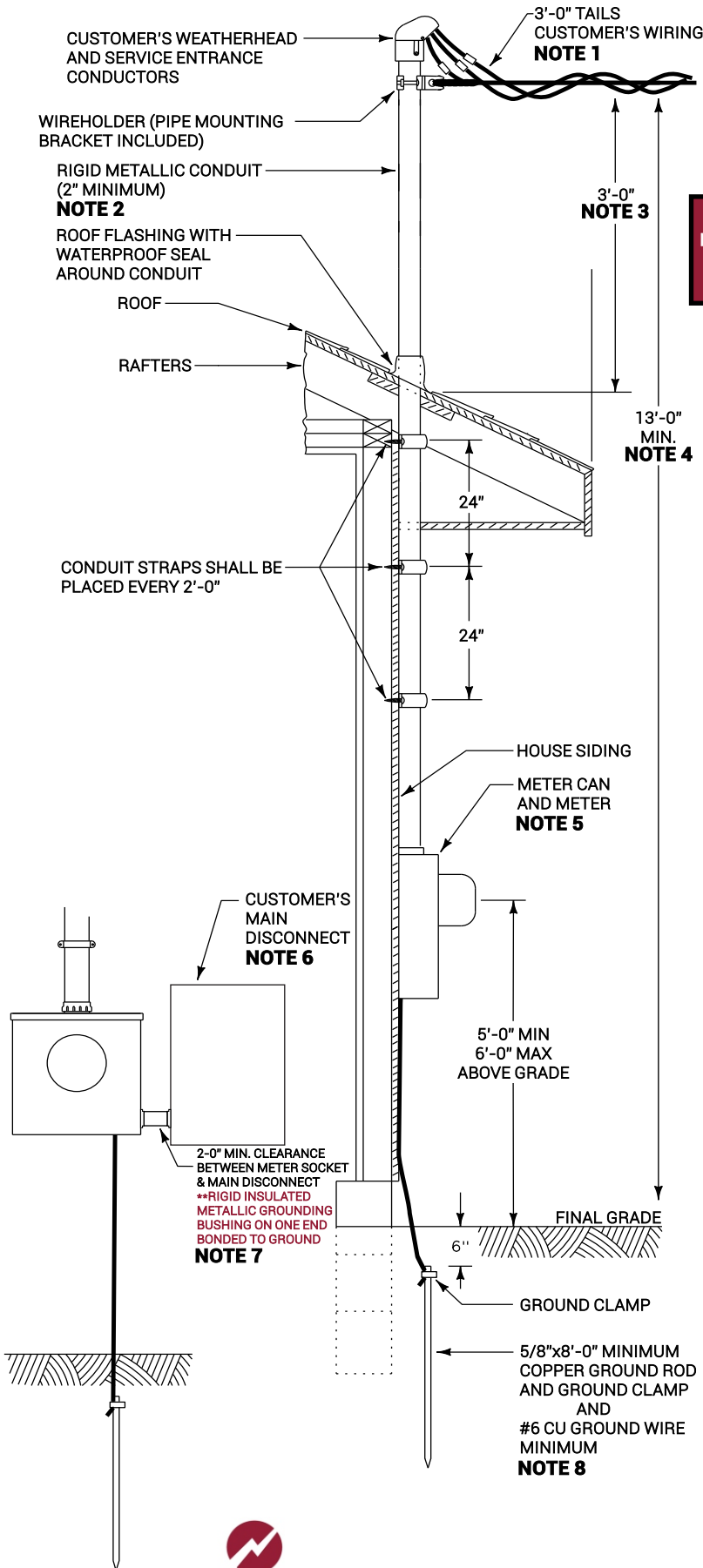


# OVERHEAD SERVICE ENTRANCE TO HOUSE



## WIRE SIZES:

	COPPER	CONDUIT SIZES
100 AMP	#4	1.5"
200 AMP	2/0	2"
320 AMP	350 MCM	3"

**\*IMPORTANT: WIRES FROM THE MAIN DISCONNECT TO THE HOUSE OR BUILDING MUST BE INSTALLED AND TERMINATED PRIOR TO NEC SETTING A METER.**

**NO EXPOSED WIRES, ALL WIRES MUST BE IN CONDUIT WITH ACCORDANCE TO THE NATIONAL ELECTRIC CODE.**

## GENERAL CONDITION NOTES:

THE COMPANY (NEC) WILL BE RESPONSIBLE FOR:

- (a) PROVIDING AND INSTALLING OVERHEAD SERVICE DROP (NO.2 OR 1/0 TRIPLEX SERVICE DROP)
- (b) INSTALLING AND REMOVING THE METER.

THE CUSTOMER WILL BE RESPONSIBLE FOR:

- (a) PROVIDING AND INSTALLING THE COMPLETED METER LOOP STRUCTURE TO WHICH SERVICE DROP WILL BE ATTACHED. INSTALLATION MUST MEET NEC'S COMPANY REQUIREMENTS TO BE CONNECTED. SERVICE ENTRANCE CONDUCTORS SHALL PROJECT FROM WEATHERHEAD A MINIMUM OF 3'-0" ABOVE ROOFLINE.

## GENERAL CONSTRUCTION NOTES:

1. THE TAILS FROM THE WEATHER HEAD SHALL BE A MINIMUM OF 3'-0" LONG. NEUTRAL SHALL BE MARKED ON BOTH ENDS WITH WHITE TAPE.
2. CONDUIT FOR NEC OVERHEAD SERVICE MUST BE RIGID METALLIC (ALUMINUM OR GALVANIZED - NO EMT OR PVC) 2"-0" MINIMUM
3. MAINTAIN A 3'-0" CLEARANCE FROM TOP OF ROOF LINE ,HOUSE OR BUILDING TO BOTTOM OF WEATHER HEAD.
4. NEC SERVICE WIRE MUST BE A MINIMUM OF 13'-0" FROM GROUND LEVEL.
5. MINIMUM 100 AMP 3 WIRE ENTRANCE AS PER NATIONAL ELECTRIC CODE. METER CAN MUST BE CONSTRUCTED SPECIFICALLY FOR OVERHEAD SERVICE. (PREFERRED RINGLESS-LEVER BYPASS METER SOCKET) (NO DOUBLE LUGGING ALLOWED).
6. A MANUALLY OPERABLE SWITCH OR CIRCUIT BREAKER EQUIPPED WITH HANDLE OR SUITABLE OPERATING MEANS POSITIVELY IDENTIFIED AND MARKED FOR MECHANICAL OPERATION BY HAND. (MUST BE WEATHERPROOF)
7. CONDUIT BETWEEN METER SOCKET AND MAIN DISCONNECT MUST BE RIGID METALLIC (ALUMINUM OR GALVANIZED). LENGTH MUST BE A MINIMUM OF 2" NOT TO EXCEED 8".
8. THE GROUND WIRE SHALL BE NO SMALLER THAN #6 COPPER AND SHALL BE PLACED INSIDE A 1/2" PVC ELECTRICAL GRADE CONDUIT.

X \_\_\_\_\_  
 DATE \_\_\_\_\_

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