

OVERHEAD MOBILE HOME SERVICE

NOTE:

1. CUSTOMER POLE HEIGHT AND LOCATION TO BE APPROVED BY COOPERATIVE.
2. GROUND CLEARANCE SHOULD EXCEED NESC MINIMUMS, TO THE EXTENT PRACTICAL, TO ENSURE COMPLIANCE UNDER ALL LOADING CONDITIONS THROUGHOUT THE LIFE OF THE INSTALLATION. SERVICE LINES WHICH ARE NOT ENGINEERED AND SAGGED DURING INSTALLATION SHOULD NOT EXCEED 75' IN LENGTH AND MEASURED GROUND CLEARANCE SHOULD EXCEED NESC MINIMUM LOCATION REQUIREMENTS BY 12".
3. SERVICE NEUTRAL AND METER BASE MUST BE PERMANENTLY GROUNDED IN ACCORDANCE TO THE NEC.
4. RACK, HOUSE KNOB, OR EYEBOLT (ATTACHMENT HEIGHT) MUST PROVIDE A MINIMUM HEIGHT OF 12' OVER RESIDENTIAL DRIVEWAYS AND 16' OVER COMMERCIAL/DRIVEWAYS SUBJECT TO TRUCK TRAFFIC.
5. CUSTOMER FACILITIES TO BE INSTALLED IN ACCORDANCE WITH ALL NATIONAL, STATE, AND LOCAL CODES.
6. ALL MATERIALS AND EQUIPMENT, WITH EXCEPTION OF SERVICE DROP, ATTACHMENT CLAMP, SERVICE ENTRANCE CONNECTIONS, AND ELECTRIC METER ARE TO BE PROVIDED AND INSTALLED BY THE CUSTOMER/CONTRACTOR.
7. *GROUND ROD AT METER PEDESTAL IS SHOWN BELOW GRADE. ALWAYS INSTALL PER MOST STRINGENT CODE (NATIONAL, STATE, LOCAL).

WEATHERHEAD TO BE LOCATED AT OR ABOVE THE POINT OF SERVICE ATTACHMENT. 18" LEADS MUST BE PROVIDED FOR SERVICE CONNECTIONS.

RACK, HOUSE KNOB, OR EYEBOLT (ATTACHMENT HEIGHT MUST PROVIDE A MINIMUM OF 12' SERVICE HEIGHT OVER RESIDENTIAL DRIVEWAY.)
- BY CUSTOMER

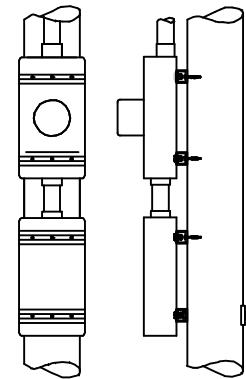
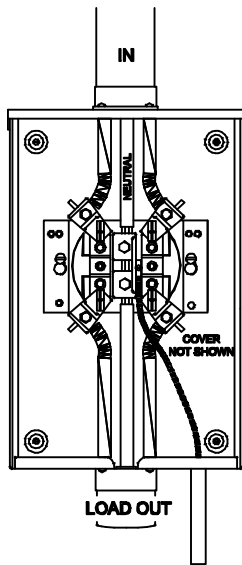
CUSTOMER PROVIDED GUYING MAY BE REQUIRED BY NORTHCENTRAL. YOUR STAKING TECHNICIAN WILL INFORM YOU IF NEEDED.

ATTACHMENT HEIGHT TO BE >6" FROM TOP OF POLE.

SERVICE CONDUCTOR AND WEDGE CLAMP PROVIDED BY COOPERATIVE

SERVICE DROP

CABLE AND COMM. ATTACHMENTS MUST BE A MINIMUM OF 12" FROM LOWEST POINT OF SERVICE DRIP LOOP PER NEC RULE 235C1, EXCEPTION 3 (24" TYPICAL)



TYPICAL METER AND SERVICE DISCONNECT INSTALLATION USING UNISTRUT TO UTILIZE 4 CORNER HOLES OF METER BASE

POLE HEIGHT VARIES BY LOCATION. TYPICAL POLE HEIGHT IS 16' AND BURIED 4' DEEP.

IF TALLER POLE IS REQUIRED BY THE STAKING TECHNICIAN, PLEASE SEE THE HEIGHT AND BURIAL DEPTH CHART BELOW.

OTHER RECOMMENDED CUSTOMER OWNED POLE SETTING DEPTHS

POLE HEIGHT	BURIAL DEPTH
20'	4'-6"
25'	5'
30'	5'-6"
35'	6'

REQUIREMENTS:

1. ALL HARDWARE MUST BE RIGIDLY ATTACHED TO POLE.
2. ALL BOXES AND FITTINGS MUST BE WEATHERPROOF.
3. COPPER SERVICE WIRE REQUIRED (MIN. #2 FOR 100A AND 2/0 FOR 200A)
4. WIRE TAILS MUST BE 18" LONG (MIN.), 12' FROM GRADE WITH NEUTRAL CLEARLY MARKED.
5. THIN-WALLED CONDUIT IS NOT ACCEPTED. RIGID OR SCH 80 ONLY.
6. FUSE OR BREAKER DISCONNECT IMMEDIATELY AFTER METER BASE.
7. 5/8" X 8' GROUND ROD WITH #6 (MIN.) BARE COPPER GROUND WIRE - SECURELY ATTACHED.

42"-60" TYPICAL

CUSTOMER SERVICE TO MOBILE HOME BREAKER PANEL.

CUSTOMER OWNED UNDERGROUND AND INSTALLED MOBILE HOME EQUIPMENT TO BE INSTALLED IN ACCORDANCE WITH NEC.

*AS PER CODE

SERVICE NEUTRAL AND METER BASE MUST BE PERMANENTLY GROUNDED IN ACCORDANCE WITH NEC.