

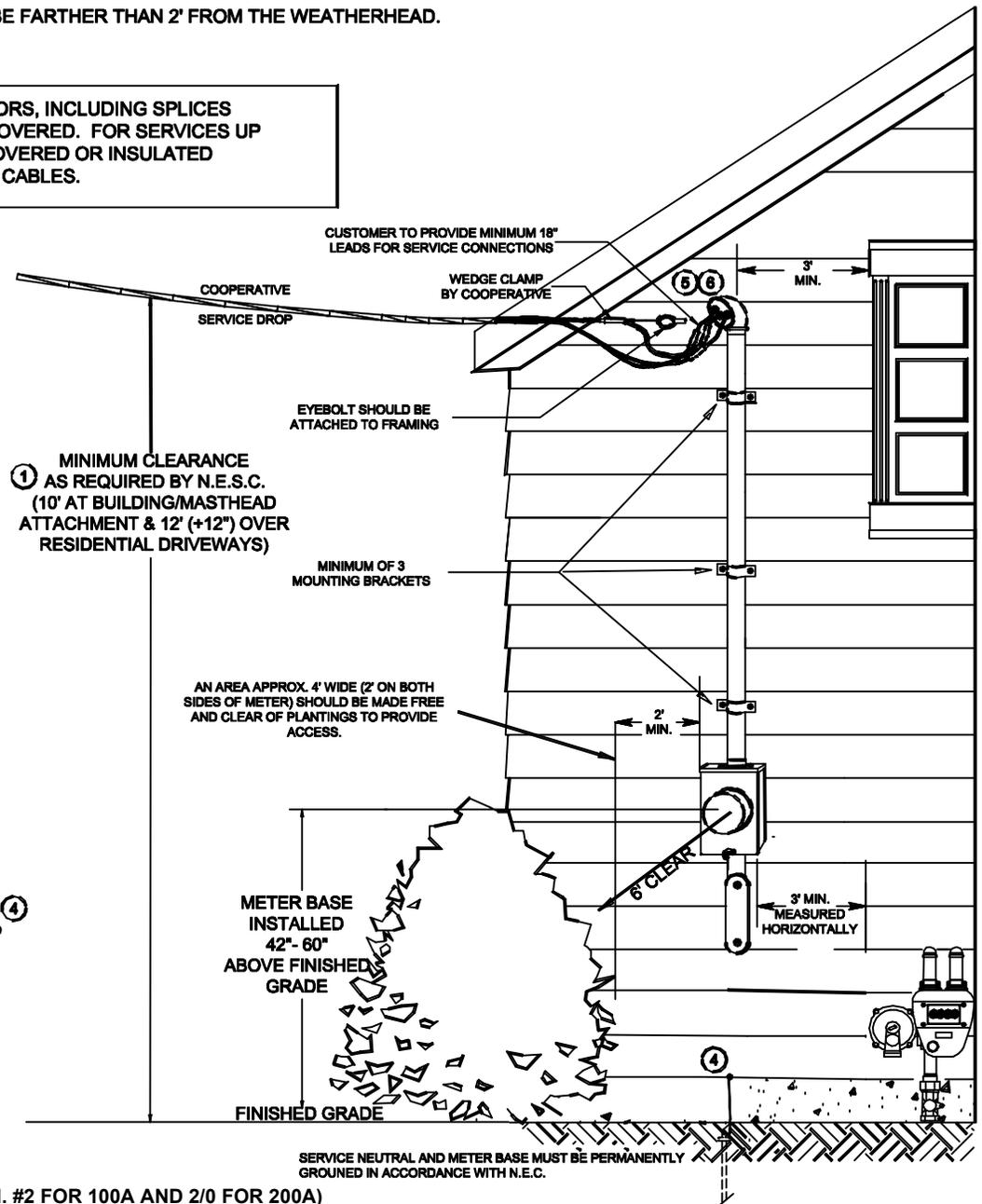
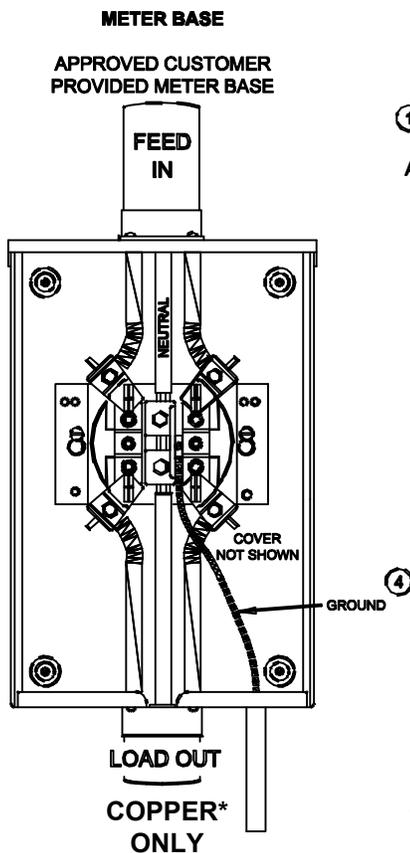
OVERHEAD RESIDENTIAL SERVICE (P1)

PAGE 1 OF 2 UNDER ROOF ATTACHMENT

NOTES:

- 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 NOT ENGINEERED AND SAGGED DURING INSTALLATION SHOULD NOT EXCEED 100' IN LENGTH AND MEASURED GROUND CLEARANCE SHOULD EXCEED NESC REQUIREMENTS, AT ALL LOCATIONS IN THE SPAN, BY A MINIMUM OF 12".
- CUSTOMER FACILITIES TO BE INSTALLED IN ACCORDANCE WITH ALL NATIONAL AND LOCAL CODES.
- COOPERATIVE TO PROVIDE SERVICE DROP, ATTACHMENT CLAMP, SERVICE CONNECTORS, AND METER. ALL OTHER MATERIALS, INCLUDING METER BASE TO BE PROVIDED AND INSTALLED BY CUSTOMER.
- SERVICE NEUTRAL AND METER BASE MUST BE PERMANENTLY GROUNDED IN ACCORDANCE WITH NEC.
- CUSTOMER TO PROVIDE SUITABLE ATTACHMENT POINT. LOCATION AND HEIGHT OF POINT FOR ATTACHMENT OF SERVICE DROP MUST BE APPROVED BY COOPERATIVE. ACCEPTABLE POINTS OF ATTACHMENT ARE THE BUILDING FRAMING, MORTAR JOINTS AND RAFTERS. UNACCEPTABLE POINTS OF ATTACHMENTS ARE THE TRIM, SOFFIT, OR FACIAL BOARDS (UNLESS PROPERLY BRACED), FIRE WALLS, OR CHIMNEYS.
- POINT OF ATTACHMENT SHALL NOT BE FARTHER THAN 2' FROM THE WEATHERHEAD.

ENERGIZED SERVICE DROP CONDUCTORS, INCLUDING SPLICES AND TAPS, SHALL BE INSULATED OR COVERED. FOR SERVICES UP TO 750V, SERVICE CAN CONSIST OF COVERED OR INSULATED SINGLE CONDUCTORS OR MULTI-PLEX CABLES.



*COPPER SERVICE WIRE REQUIRED (MIN. #2 FOR 100A AND 2/0 FOR 200A)

OVERHEAD RESIDENTIAL SERVICE (P2)

PAGE 2 OF 2 ABOVE ROOF ATTACHMENT

NOTES (CONT'D FROM PAGE 1):

7. A SERVICE MAST IS REQUIRED WHEN IT IS NOT POSSIBLE TO MAINTAIN 12' CLEARANCE, 12' FOR FUTURE SAG, FROM FINISHED GRADE TO LOWEST POINT OF CONDUCTOR, UNDER ALL LOADING CONDITIONS THROUGHOUT THE LIFE OF THE INSTALLATION. CLEARANCE OF CONDUCTOR TO ROOF SURFACE DEPENDS ON THE SLOPE OF THE ROOF. SEE NEX 230-24(A).

8. MINIMUM 2" RIGID CONDUIT TO BE USED FOR RISERS (MASTS) THROUGH THE ROOF ON SERVICES UP TO 100A. A MIN. OF 2-1/2" WILL BE REQUIRED FOR LARGER SERVICES UNLESS OTHERWISE APPROVED BY NORTHCENTRAL. ADDITIONAL GUYING, STRAPPING AND/OR LARGER CONDUIT SIZE, MAY BE REQUIRED, WHERE SERVICE DROPS ARE LONG OR LARGER CONDUCTORS ARE USED. RISER TO BE SECURELY BLOCKED AND STRAPPED IN RAFTERS. MINIMUM CONDUIT STRAPS ARE REQUIRED PER DRAWING.

9. LOCATION AND HEIGHT OF POINT FOR ATTACHEMENT OF SERVICE CONDUCTORS MUST BE APPROVED BY COOPERATIVE.

10. SERVICE CONDUCTOR CLEARANCE OVER ROOFS, INCLUDING DRIP LOOPS, MAY BE REDUCED TO 18", WITHIN 6' OF THE SERVICE MAST, AND 36" TALL AT ALL OTHER LOCATIONS FOR SERVICES WHERE VOLTAGE BETWEEN CONDUCTORS DOES NOT EXCEED 600V AND THE SERVICE MAST IS NOT MORE THAN 4' FROM THE EDGE OF THE EAVE. SEE FIGURE 1.

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