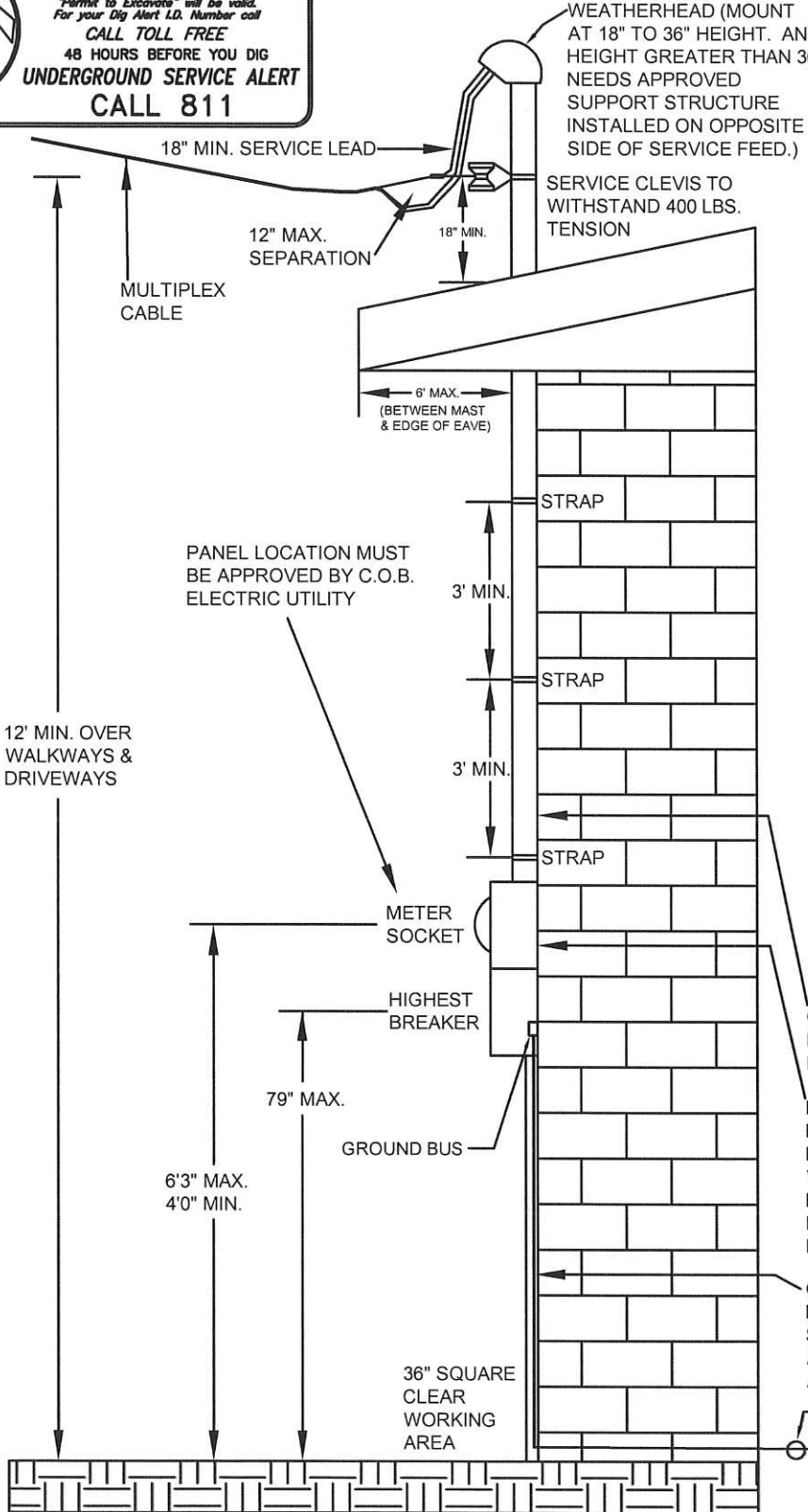


CUSTOMER MUST CALL 811 FOR AN UNDERGROUND SERVICE ALERT 48 HOURS BEFORE YOU DIG OR INSTALL GROUND ROD(S)



IMPORTANT NOTICE
Section 4216/4217 of the Government Code requires a Dig Alert Identification Number to be issued before a Permit to Excavate will be valid. For your Dig Alert I.D. Number call **CALL TOLL FREE 48 HOURS BEFORE YOU DIG UNDERGROUND SERVICE ALERT CALL 811**



WEATHERHEAD (MOUNT AT 18" TO 36" HEIGHT. ANY HEIGHT GREATER THAN 36" NEEDS APPROVED SUPPORT STRUCTURE INSTALLED ON OPPOSITE SIDE OF SERVICE FEED.)

SERVICE CLEVIS TO WITHSTAND 400 LBS. TENSION

18" MIN. SERVICE LEAD

12" MAX. SEPARATION

MULTIPLEX CABLE

6" MAX. (BETWEEN MAST & EDGE OF EAVE)

3' MIN.

3' MIN.

STRAP

STRAP

STRAP

METER SOCKET

HIGHEST BREAKER

79" MAX.

GROUND BUS

36" SQUARE CLEAR WORKING AREA

12' MIN. OVER WALKWAYS & DRIVEWAYS

PANEL LOCATION MUST BE APPROVED BY C.O.B. ELECTRIC UTILITY

THE CUSTOMER IS RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF THE FOLLOWING:
WEATHERHEAD AND GALVANIZED STEEL RISER
SERVICE ENTRANCE CONDUCTOR SERVICE PANEL
SERVICE PANEL GROUNDING
MAINTAINING TREE CLEARANCE AROUND OVERHEAD ELECTRIC LINES TO YOUR RESIDENCE

CITY OF BANNING ELECTRIC UTILITY IS RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF THE FOLLOWING:
OVERHEAD ELECTRIC LINES TO YOUR RESIDENCE
ELECTRIC METER

SERVICE ENTRANCE CONDUCTOR SIZING:

100A SERVICE: #4-STRANDED COPPER NEUTRAL AND SERVICE ENTRANCE CONDUCTORS WITH #8 SOLID COPPER GROUND/BONDING

125A SERVICE: #2-STRANDED COPPER NEUTRAL AND SERVICE ENTRANCE CONDUCTORS WITH #8 SOLID COPPER GROUND/BOND

200A SERVICE: #2/0 COPPER STRANDED NEUTRAL AND SERVICE ENTRANCE CONDUCTORS WITH #4 SOLID COPPER GROUND/BOND

*NEUTRAL WIRE MUST BE MARKED WHITE AT BOTH WEATHERHEAD & PANEL

GALVANIZED STEEL CONDUIT RISER
MIN. 1.5" CONDUIT FOR 100A TO 125A PANEL
MIN. 2" CONDUIT FOR 200A PANEL

PANEL MUST HAVE 36" RADIAL CLEARANCE FROM WINDOWS, DOORS, EXITS, FIRE ESCAPES, BALCONIES, STAIRWAYS, AND WALKWAYS. ALSO THERE MUST BE A 36" HORIZONTAL CLEARANCE FROM ANY POSSIBLE GROUND POINTS SUCH AS GAS PIPING OR METAL FENCING.

GROUNDING MUST BE IN FLEX CONDUIT WITH MINIMUM # (SEE CHART ABOVE FOR WIRE SIZES) SOLID COPPER CONTINUOUS GROUND FEED TO A DRIVEN 5/8"x8' COPPER-CLAD GROUND ROD AND BONDED TO BURIED WATER AND GAS PIPES

GROUND ROD

COLD WATER

GAS



REVISED: 04/08/2020

APPROVED: *[Signature]*

STANDARD DRAWINGS

TYPICAL OVERHEAD SERVICE

SD

600-10