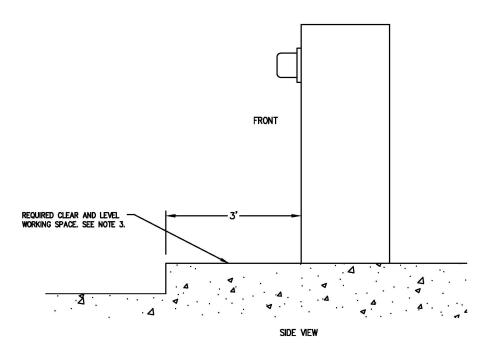
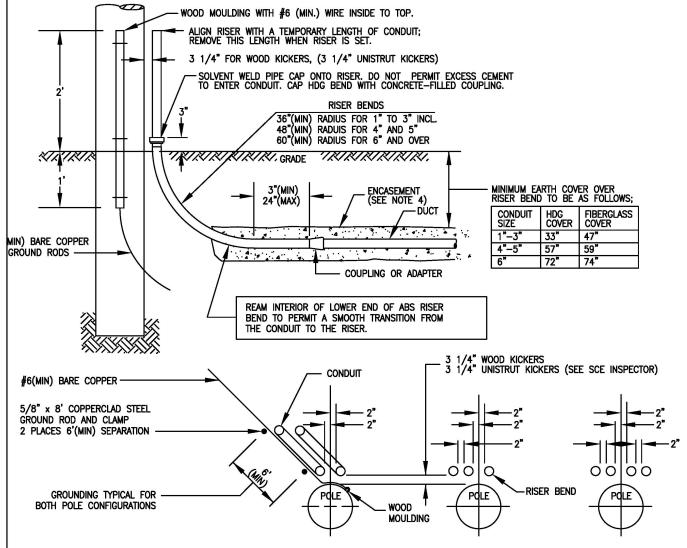


PANEL CLEARANCE UNDERGROUND SERVICE CONNECTIONS 0-600 VOLTS SEE ESR 3-16

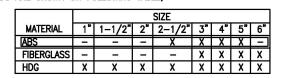


- 1. A MINIMUM OF THREE (3) FEET OF CLEAR, LEVEL WORK SPACE IS REQUIRED IN FRONT OF ALL TERMINATION, METERING, AND SERVICE FOLIPMENT.
- 2. SEE ESR-5 FOR METER-MOUNTING HEIGHT REQUIREMENTS. METER MOUNTING HEIGHT WILL BE MEASURED FROM THE STANDING AND WORKING SPACE TO THE CENTERLINE OF THE METER(S).
- 3. WHEN SERVICE EQUIPMENT IS INSTALLED ON AN ELEVATED PORTION OF THE FLOOR/GROUND, OR HOUSEKEEEPING PAD, THE PAD SHALL BE FLUSH WITH AND EXTEND A MINIMUM OF THREE (3) FEET. THIS IS MEASURED FROM THE FRONT OF THE SERVICE EQUIPMENT OR THE QUIER DOOR(S) OF THE SWITCHBOARD NEMA 3R ENCLOSURE WHEN INSTALLED. IN NO CASE SHALL THE MAXIMUM METER HEIGHT OF SIX (6) FEET THREE (3) INCHES BE EXCEEDED.
- 4. TO MAINTAIN A SAFE, CLEAR, AND LEVEL WORKING AREA IN FRONT OF NEW OR EXISTING METER AND SERVICE EQUIPMENT, A CONCRETE SLAB OR OTHER SUITABLE PERMANENT HARD SURFACE, ACCEPTABLE TO THE COMPANY, MUST BE USED.
- FOR SWITCHBOARDS ABOVE 600Y, FIVE-FOOT MINIMUM OF CLEAR AND LEVEL STANDING AND WORKING SPACE IS REQUIRED IN THE FRONT, REAR, AND SIDE OF ANY SECTION WHERE SUCH PART SUPPORTS OR PROVIDES ACCESS TO METERING, TESTING EQUIPMENT, OR SERVICE CABLE TERMINATION SECTIONS. D99: 07/08/07

POLE RISER BEND FOR RISER ON KICK BLOCKS SEE UGS CD 161



1. APPROVED RISER BENDS ARE SHOWN ON FOLLOWING TABLE;



NOTE: 6" HDG OR FIBERGLASS RISER BEND SHALL BE USED WHEN SPECIFIED ON THE WORKING DRAWING. SEE UGS AC 702 FOR GROUNDING HDG RISER BENDS.

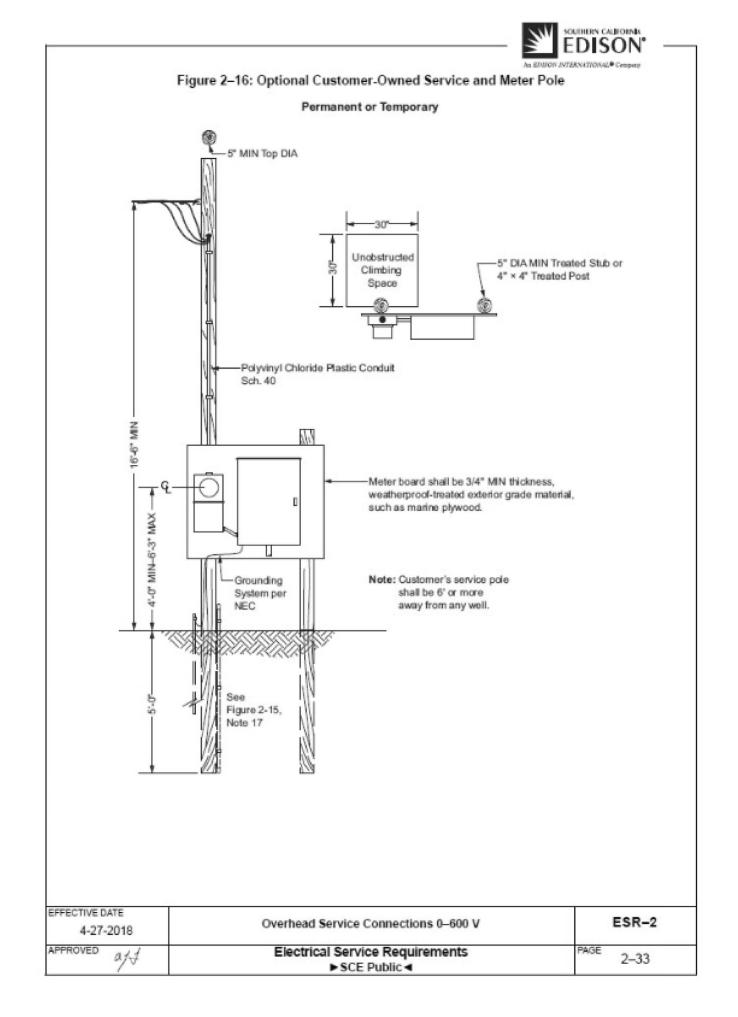
- THE TOP AND BOTTOM OF 3", 4", 5" OR 6" FIBERGLASS BENDS ARE FURNISHED WITH PERMANENTLY ATTACHED PVC COUPLINGS. ALSO INCLUDED IS A 6" LONG 3", 4", 5" OR 6" SCHEDULE 80 PVC STUB-OUT, SOLVENT WELDED INTO
- THE TOP COUPLING. SEE UGS CD 166 FOR FIBERGLASS RISER BEND MATERIAL INFORMATION AND SUPPLIERS.
 TWO GROUND RODS ARE REQUIRED AT ALL PRIMARY RISER POLES. DRIVE RODS IN TRENCH BOTTOM WITH 6' MINIMUM SEPARATION IN UNDISTURBED EARTH. LEAVE THE ROD TOPS 3" ABOVE THE TRENCH BOTTOM AND ATTACH CONTINUOUS GROUND WIRE WITH CLAMPS. EXTEND WIRE TO INDICATED LOCATION ON POLE AND STUB UP 2' ABOVE GRADE IN WOOD MOULDING. ALL GROUNDING MATERIALS FURNISHED BY THE CONTRACTOR. SEE UGS AC 703

ENCASEMENT REQUIRED ONLY WHEN CALLED OUT ON WORKING DRAWING.
SCHEDULE 80 PVC BENDS MAY BE SUBSTITUTED FOR FIBERGLASS BENDS FOR STRAIGHT RUNS OF 150' OR LESS IN CONDUIT SIZES 4" AND UNDER.

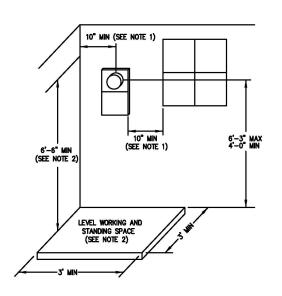
CONDUIT RADIUS REQUIREMENTS:

A: The minimum radius for bends are: 36" for conduits 3" in diameter or smaller 48" for conduits 4" and 5" in diameter 60" for 6" diameter conduit

B: The minimum radius for sweeps are: 36" for conduits 3" in diameter or smaller 12'-6" for conduits 4" in diameter and larger, unless otherwise noted.

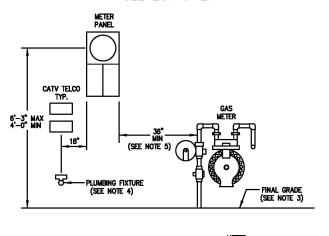


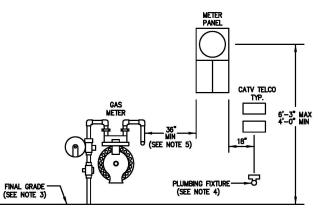
WORKSPACE SURFACE-MOUNTED OR SEMI-FLUSH METER INSTALLATION SEE ESR 5-25



- 1. THE HORIZONTAL CLEARANCE FROM THE CENTERLINE OF THE METER TO THE NEAREST SIDE WALL OR OTHER OBSTRUCTION SHALL BE 10 INCHES MINIMUM. A HORIZONTAL CLEARANCE FROM THE EDGE OF THE METER PANEL TO THE EDGE OF A WINDOW OR DOORWAY (INCLUDING SLIDING GLASS DOORS) SHALL BE 10 INCHES MINIMUM. A GAS METER OR PLUMBING FIXTURE THAT DOES NOT PROTRUDE MORE THAN 8 INCHES OUT FROM THE WALL, OR SUTEND LESS THAN 18 INCHES HORIZONTALLY FROM THE OUTSIDE EDGE OF THE METER PANEL, SHALL NOT BE CONSIDERED AN OBSTRUCTION. SEE ESR FIGURE 5-4 (PAGE 5-24)
- 2. A LEVEL WORKING AND STANDING SURFACE, CLEAR AND UNOSSITUCTED, ENTIRELY ON THE PROPERTY OF THE CUSTOMER, SHALL BE PROVIDED. THE MINIMUM WIDTH OF THE WORKSPACE SHALL BE 36 INCHES OVERALL, BUT NEED NOT BE CENTERED BENEATH THE METER. THE MINIMUM DEPTH OF THE WORKSPACE SHALL BE 36 INCHES. WHERE METERS ARE ENCLOSED IN A CLOSET OR RECESSED IN AN ENCLOSURE, THE DEPTH OF THE WORKSPACE IS MEASURED FROM THE OUTER FACE OF THE CLOSET OR RECESS. THE MINIMUM HEIGHT OF THE WORKSPACE SHALL BE 78 INCHES.

SEPARATION OF METER ASSEMBLIES FOR ELECTRIC & GAS SERVICES SEE ESR 5-24





 SIZE AND DIMENSION OF PANELS WILL VARY, DRAWINGS ARE NOT TO SCALE.
 THIS DRAWING PERTAINS TO BOTH OVERHEAD AND UNDERGROUND ELECTRIC SERVICE APPLICATIONS.
 MAINTAIN A 3 FOOT CLEAR, LEVEL, AND UNDOBSTRUCTED WORKSPACE IN FRONT OF ELECTRIC SERVICE EQUIPMENT.
 PLUMBING FIXTURES THAT EXTEND MORE THAN 6 INCHES OUT FROM WALL SURFACE MUST BE LOCATED 18 INCHES. MINIMUM FROM THE OUTSIDE EDGE OF THE METER PANEL.

5. FOR NEW CONSTRUCTION ONLY, DOES NOT APPLY FOR UPGRADES.

D122 Rev. 04/08/16

| DISTRICT PROJ. MGF 49 — SANTA BARBARA PHONE | | | | | IGR. | | | PLANNER KEEGAN MAHONEY DESIGNE PHONE 805-683-5201 DLIVE | | | | | | · |
|--|------|---------------|--------|--------------|----------------|--------------------------------|---|--|------|---------------|-------|----------|-------|-------|
| PROJECT NO. SERVICE REQUEST | | | | MSR | NO I | PRODUCT- | | | | | | | ASSOC | DECON |
| 922352 2823482 | | | | MSK | NO. | 1734270-METER & SERVICE CHANGE | | | | | | | | DESGN |
| CIRCUIT / VOLTAGE | | | | | AS GUIDE E6 | PRODUCT-2 | | | | | | | ASSOC | DESGN |
| SUB / PG NO. | | | | CIRCUIT CODE | | PRODUCT- | RODUCT-3 | | | | | | ASSOC | DESGN |
| NVENTORY MAP 24-51B-5 J.P.A. | | | | 10. | | | PROPOSED CONSTRUCTION (LOCATION) CUSTOMER DECAL SHEET | | | | | | • | |
| | | + | | | | | 5599 | w c | AMI | NO C | CIELO | PMP | | |
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| YPE | DATE | APPROVED BY | CHECKE | D BY | DRAWN BY | PAX # | SHEET | | | | | DRWG NO. | | |
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