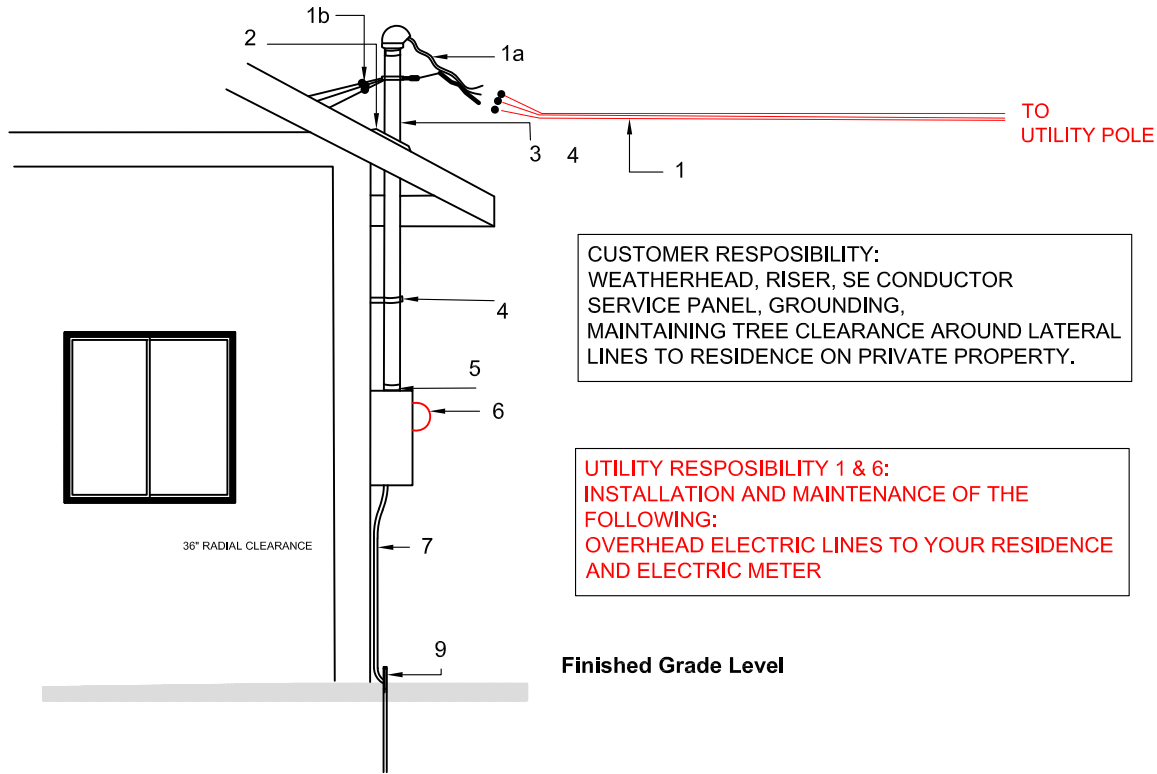


PANEL BUSS RATING	MAX. MAIN BREAKER	MIN CONDUCTOR	MIN RISER CONDUIT
100 AMP	100 AMP	#2 COPPER	1.5" CONDUIT
125 AMP	125 AMP	#1 COPPER	1.5" CONDUIT
200 AMP or 225A	200 AMP	3/0 COPPER	2" CONDUIT



CUSTOMER RESPONSIBILITY:
 WEATHERHEAD, RISER, SE CONDUCTOR
 SERVICE PANEL, GROUNDING,
 MAINTAINING TREE CLEARANCE AROUND LATERAL
 LINES TO RESIDENCE ON PRIVATE PROPERTY.

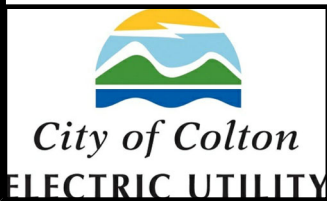
UTILITY RESPONSIBILITY 1 & 6:
 INSTALLATION AND MAINTENANCE OF THE
 FOLLOWING:
 OVERHEAD ELECTRIC LINES TO YOUR RESIDENCE
 AND ELECTRIC METER

GENERAL CONSTRUCTION NOTES

- A. LOCATION OF METER PANEL TO BE DETERMINED BY ELECTRIC UTILITY PRIOR TO START OF CONSTRUCTION.
- B. ANY UNUSED OPENINGS OR BREAKER SPACES SHALL BE EFFECTIVELY SEALED.
- C. ALL BRANCH CIRCUITS SHALL BE PROPERLY IDENTIFIED/SIZED WITH LABELS AT BREAKERS OR DIRECTORY.
- D. GAS AND COLD WATER PIPES SHALL BE BONDED TOGETHER IN A CONTINUOUS RUN.
- E. OUTDOOR INSTALLATIONS SHALL HAVE WEATHERPROOF COMPRESSION/THREADED FITTINGS.
- F. ALL SERVICES SHALL MEET CURRENT NEC/CEC REQUIREMENTS.
- G. MUST PASS BUILDING & SAFETY AND ELECTRIC UTILITY INSPECTIONS.
- H. SERVICE IS REQUIRED TO BE CONNECTED AND/OR DISCONNECTED BY COLTON ELECTRIC UTILITY. CALL (909) 370-6132 TO SCHEDULE.

CONSTRUCTION REQUIREMENTS

- 1. UTILITY TO FURNISH SERVICE DROP CONDUCTORS.
 - 1a. NOT LESS THAN 24" OF WIRE OUTSIDE WEATHERHEAD. WIRE TYPE AND SIZE TO BE INSTALLED PER CEU MAIN SERVICE PANEL CHANGE OUT FORM. WEATHERHEAD WITH RUBBERIZED GASKET SEAL, ANCHOR BOLT, AND INSULATOR. RISER CONDUIT SHALL BE 36" FROM ROOF LINE TO TOP OF WEATHERHEAD.
 - 1b. ELECTRIC UTILITY INSPECTOR CAN REQUIRE ADDITIONAL SERVICE RISER HEIGHT TO ACHIEVE PROPER SERVICE DROP CLEARANCES. SERVICE RISERS ABOVE 36" FROM ROOF LINE SHALL REQUIRE A MAST BRACE OR 3-POINT WIRE SUPPORTS. VERIFY WITH BUILDING & SAFETY FOR ADDITIONAL REQUIREMENTS TO SECURE SERVICE RISER.
- 2. ROOF FLASHING SEAL FLANGE WITH NYOPRENE BOOT/TAR IS REQUIRED.
- 3. CONTINUOUS GALVANIZED RIGID CONDUIT. ANY SECTION OF CONDUIT LESS THAN 10' SHALL BE INSTALLED ON THE LOWER END OF RACEWAY CLOSEST TO SERVICE PANEL.
- 4. METAL CONDUIT STRAPS EVERY 3'-4' FT AND WITHIN 36" OF PANEL.
- 5. RAIN TIGHT THREADED FLANGE CONDUIT CONNECTOR IS REQUIRED.
- 6. METER HEIGHT OF 4'-0" MINIMUM TO 6'-3" MAXIMUM FROM CENTER OF METER TO GRADE. GROUNDING CONDUCTORS REQUIRED TO BE IN FLEX/CONDUIT. REFER-TO CITY OF COLTON "SERVICE PANEL UPGRADE REQUIREMENTS".
- 7. 5/8" X 8' COPPER CLAD GROUND ROD.



DRAWN BY: EA	DATE: 07-2020	REV: 06-2021	STANDARD DRAWINGS
OVERHEAD SERVICE REQUIREMENTS		SD	100.01