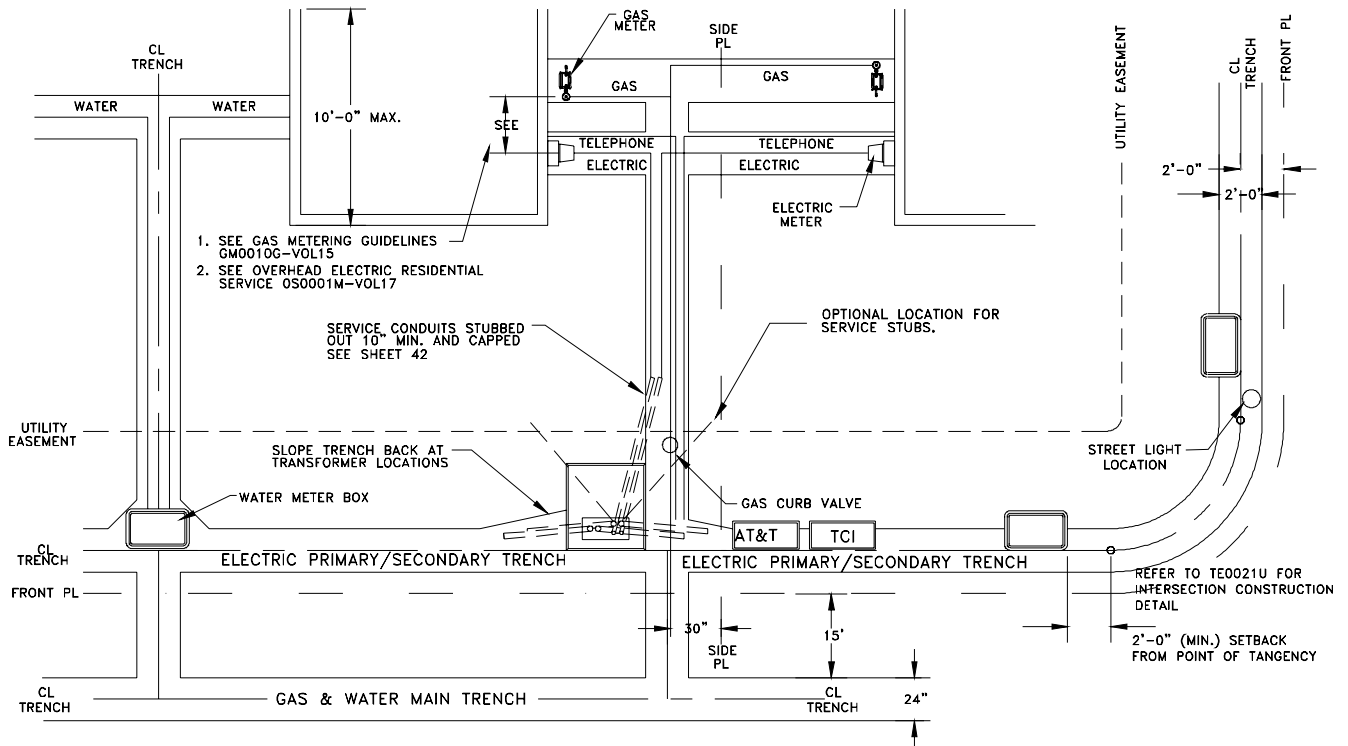


NOTES:

1. PREFERRED ELECTRIC LOCATIONS ARE TO THE LEFT OF SIDE PROPERTY LINE WHEN LOOKING FROM STREET.
2. PREFERRED GAS LINE LOCATION IS 30" LEFT OF PROPERTY LINE.
3. GAS CURB VALVE WILL BE BEHIND ELECTRIC FACILITIES.
4. OTHER UTILITIES (AT&T, TCI, ETC.) WILL BE LOCATED TO THE RIGHT SIDE OF PROPERTY LINE.



GENERAL UTILITY LOCATIONS



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EQUIPMENT LOCATION
DETAIL

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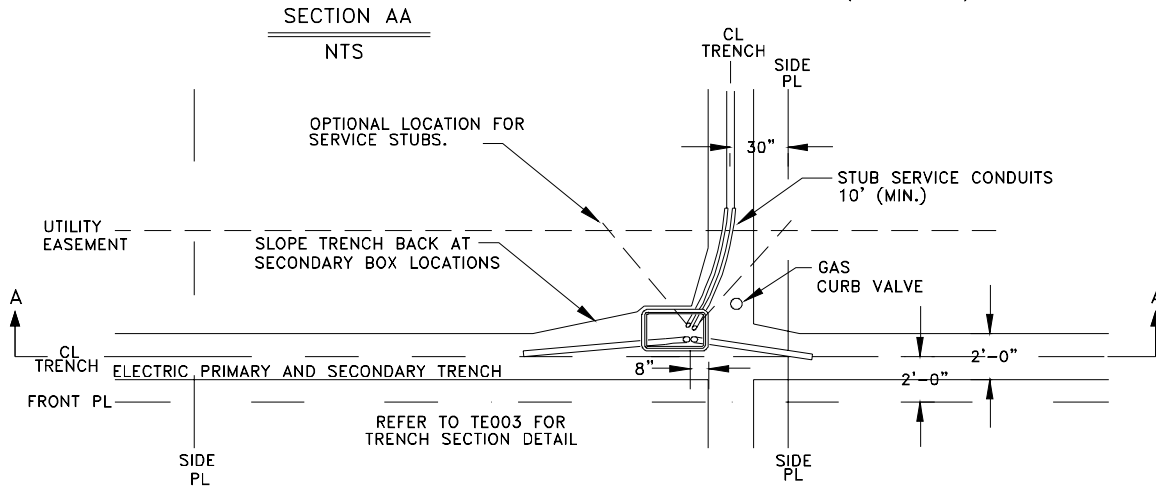
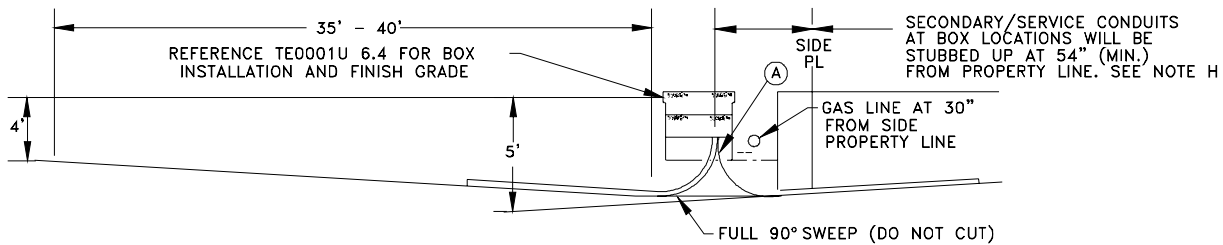
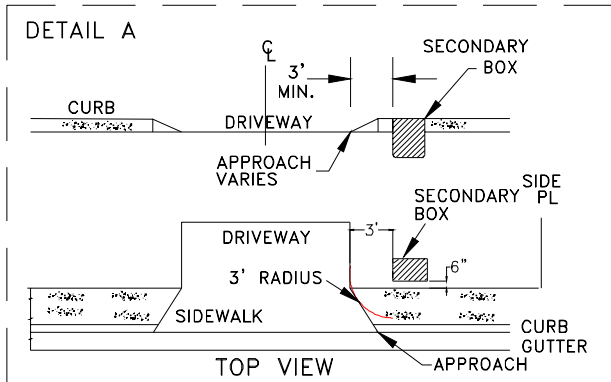
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GD	JF	KT	5/98	7/06

CONSTRUCTION NOTES:

- (A) LEAVE 4" OF CONDUIT ABOVE BOTTOM OF DEEPEST EXTENSION AND CAP ALL CONDUIT ENDS. WHEN ENTERING SECONDARY BOX USE 90° SWEEPS. ALL CONDUIT SHALL BE PLACED AT THE SAME END OF BOX. A MINIMUM 4" FROM BOX SIDE WALL.
- (B) ALL BOXES WILL BE INSTALLED OR LOCATED A MINIMUM OF 3 FEET FROM THE VEHICLE ACCESS APPROACH OF ANY DRIVEWAY AND WILL MAINTAIN A 3' RADIAL CLEARANCE FROM ALL DRIVEWAYS, (SEE DETAIL A).
- (C) A TRAFFIC RATED BOX H-10, (20) OR INCIDENTAL APPROACH BOX AND A COVER WILL BE REQUIRED WHEN CONDITIONS IN NOTE B ARE NOT MET OR WHEN DETERMINED BY SPPCO. INSPECTOR THAT BOX WILL BE SUBJECTED TO VEHICLE LOADS.
- (D) ALL BOX LOCATIONS SHALL BE A MINIMUM OF 4-1/2 FEET BEHIND BACK FACE OF CURB ON STREETS WHERE SIDEWALKS ARE NOT IMMEDIATELY INSTALLED, 6-1/2 FEET FROM EDGE OF PAVEMENT OR 2 FEET BEHIND PROPERTY LINE WHICHEVER IS GREATER.
- (E) SIERRA PACIFIC POWER COMPANY MAY REQUIRE RETAINING WALLS OR GUARDPOST INSTALLATION FOR REQUIRED SAFETY OF FACILITIES.
- (F) ALL SERVICE CONDUITS TO BE STUBBED OUT AT SAME TIME AS MAINLINE INSTALLED.
- (G) BOX WILL BE PLACED IN RELATIONSHIP TO FINISH GRADE AS REFERENCED IN TE0001U 6.4.
- (H) MAY BE REDUCED BUT 12" CLEARANCE MUST BE MAINTAINED BETWEEN CONDUIT & OTHER UTILITIES.



PREFERRED SECONDARY BOX LOCATION DETAIL

BOXES WILL BE PLACED PARALLEL TO FRONT PROPERTY LINE



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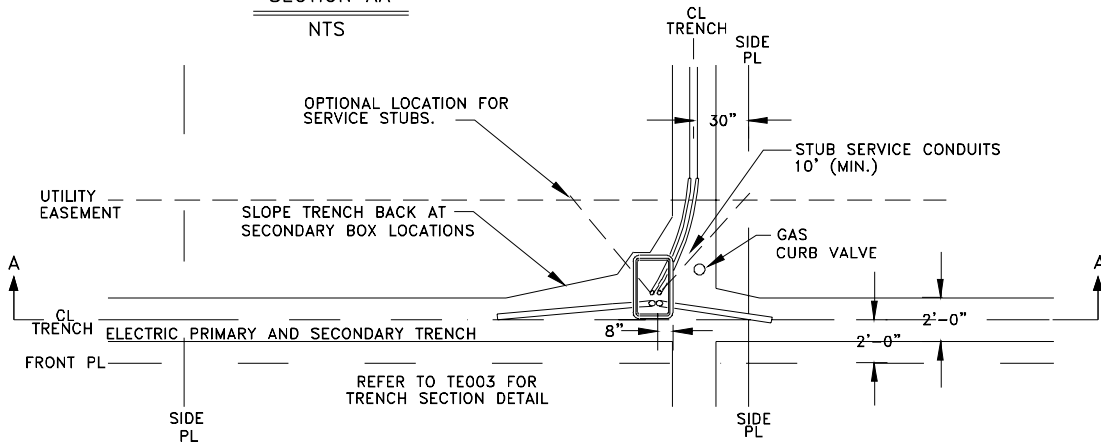
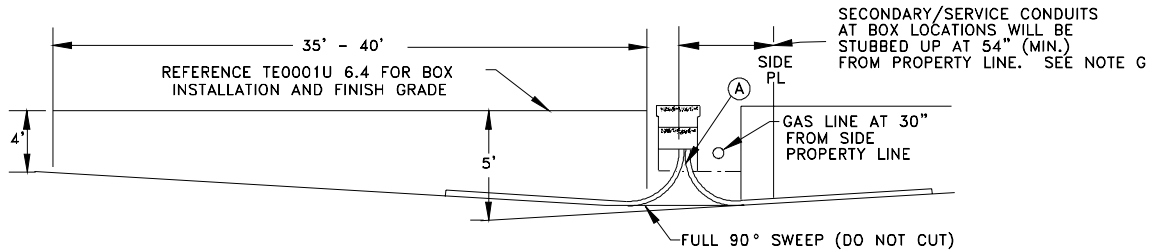
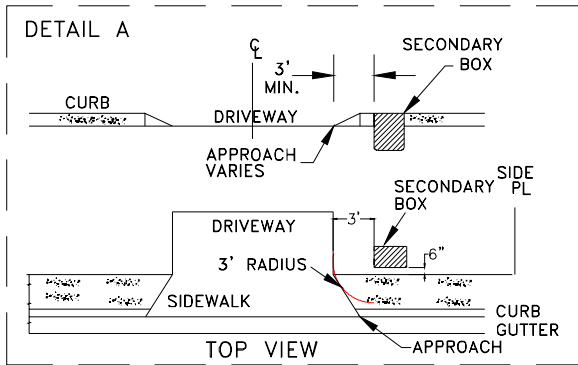
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CONSTRUCTION NOTES:

- (A) LEAVE 4" OF CONDUIT ABOVE BOTTOM OF DEEPEST EXTENSION AND CAP ALL CONDUIT ENDS. WHEN ENTERING SECONDARY BOX, USE 90° SWEEPS. ALL CONDUIT SHALL BE PLACED AT THE SAME END OF BOX, AND AT A MINIMUM OF 4" FROM BOX SIDE WALL.
- (B) ALL BOXES WILL BE INSTALLED OR LOCATED A MINIMUM OF 3 FEET FROM THE VEHICLE ACCESS APPROACH OF ANY DRIVEWAY AND WILL MAINTAIN A 3' RADIAL CLEARANCE FROM ALL DRIVEWAYS, (SEE DETAIL A).
- (C) A TRAFFIC RATED (H10, INCIDENTAL OR H20) BOX AND COVER WILL BE REQUIRED WHEN CONDITIONS IN NOTE B ARE NOT MET OR WHEN DETERMINED BY SPPCO'S INSPECTOR THAT BOX WILL BE SUBJECTED TO VEHICLE LOADS.
- (D) ALL BOX LOCATIONS SHALL BE A MINIMUM OF 4-1/2 FEET BEHIND BACK FACE OF CURB ON STREETS WHERE SIDEWALKS ARE NOT IMMEDIATELY INSTALLED, 6-1/2 FEET FROM EDGE OF PAVEMENT OR 2 FEET BEHIND PROPERTY LINE WHICHEVER IS GREATER.
- (E) SIERRA PACIFIC POWER COMPANY MAY REQUIRE RETAINING WALLS OR GUARDPOST INSTALLATION FOR REQUIRED SAFETY OF FACILITIES.
- (F) BOX WILL BE PLACED IN RELATIONSHIP TO FINISH GRADE AS REFERENCED IN TE0001U 6.4.
- (G) MAY BE REDUCED BUT 12" CLEARANCE MUST BE MAINTAINED BETWEEN CONDUIT & OTHER UTILITIES.



ALTERNATE SECONDARY BOX LOCATION DETAIL

BOXES WILL BE PLACED PERPENDICULAR TO FRONT PROPERTY LINE



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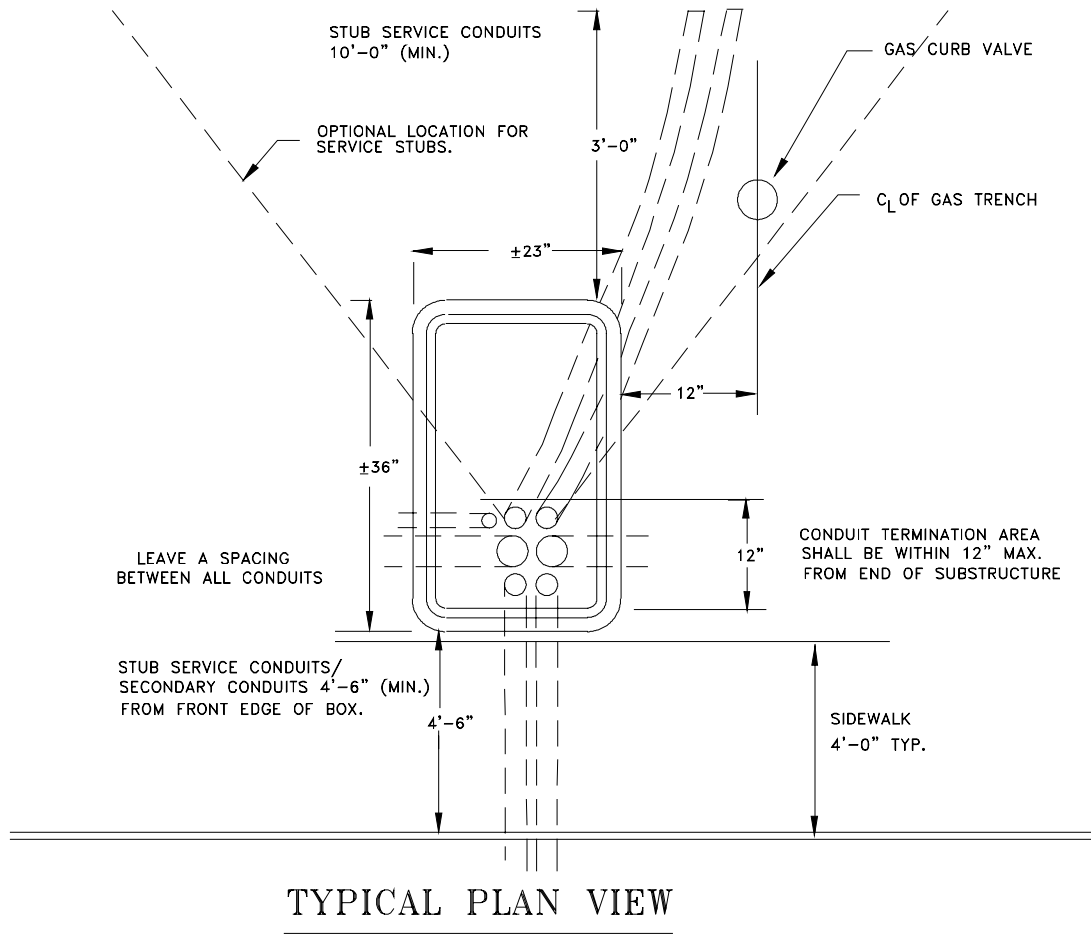
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CONSTRUCTION NOTES:

- (A) CUT CONDUIT ONLY - NOT SWEEPS (90° ELBOWS).
- (B) CONDUITS MUST ENTER BOX AT ONE END ONLY FOR MAXIMUM CABLE TRAINING ROOM.
- (C) STUB UP CONDUITS AT PROPER DISTANCE FROM PROPERTY LINE.
- (D) ALL BOXES TO BE SET ON CLASS C DRAIN ROCK FOR MIN. DEPTH OF 6". FOR TRAFFIC APPLICATION H/20 THE INSTALLATION WILL BE ON CLASS 3 OR TYPE 2 BASE, COMPACTED TO 95%. REFERENCE SUB01X 4.0 MATERIALS, VOLUME 17, SECTION 3.
- (E) DO NOT BACKFILL WITH LARGE ROCKS/DEBRIS THAT COULD BREAK BOX WHEN TAMPED.
- (F) A CONCRETE COLLAR, 12"X12" WILL BE REQUIRED WHEN INSTALLING BOXES IN TRAFFIC AREAS (ASPHALT, & UNPAVED), THE CONCRETE COLLAR WILL BE INSTALLED AROUND THE TOP SECTION OF BOX, A MIN. 2" BELOW FINISH GRADE. THE REMAINING 2" WILL MATCH FINISH MATERIAL. IF IN DIRT CONCRETE WILL MATCH FINISH GRADE @ BOX AND TAPER OFF.
- (G) BOX WILL BE PLACED IN RELATIONSHIP TO FINISH GRADE. AS REFERENCED IN TE0001U 6.4.
- (H) ALL GRADE ADJUSTMENTS WILL BE DONE FROM THE BOTTOM OF THE BOX. THIS WILL BE ACCOMPLISHED BY ADJUSTING AND/OR ADDING ADDITIONAL MATERIAL, ALONG WITH RE-COMPACTION AND TESTING IF NECESSARY.



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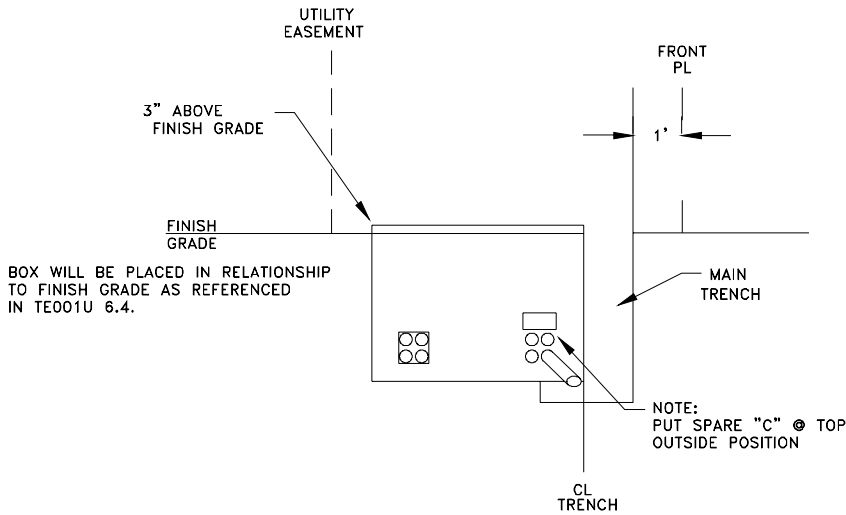
**SECTION 3 STAKING AND TRENCHING
EQUIPMENT LOCATION
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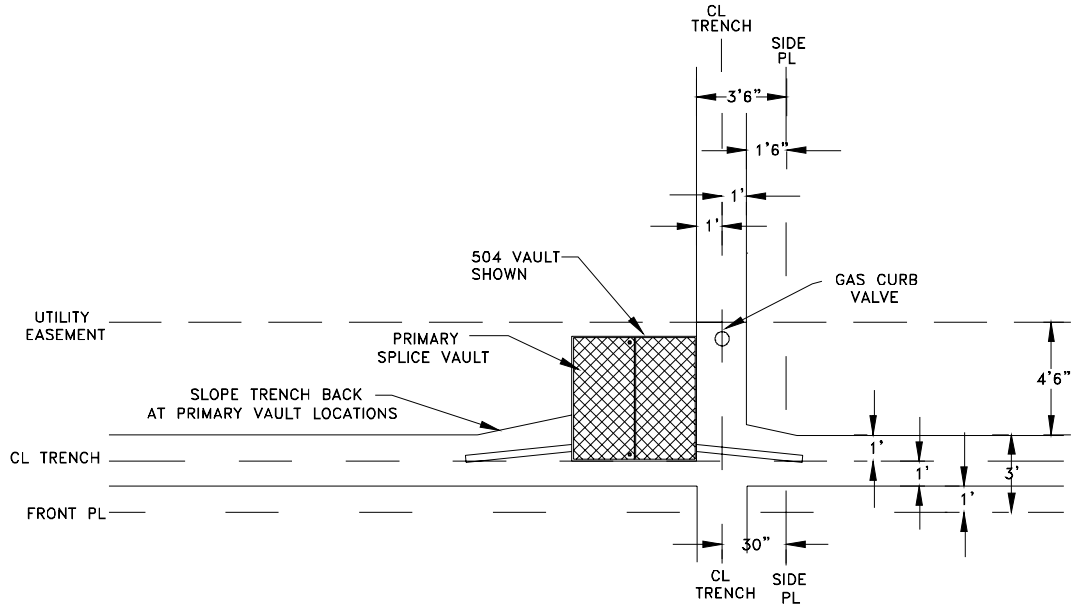
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CONSTRUCTION NOTES:

- (A) CONTRACTOR TO DETERMINE AND STAKE FINISH GRADE.
- (B) ALL BOXES WILL BE INSTALLED OR LOCATED A MINIMUM OF 3 FEET FROM THE WIDEST SECTION OF THE APPROACH OF ANY DRIVEWAY, VEHICLE ACCESS OR GARAGE SIDE LOCATION.
- (C) A TRAFFIC RATED (H10 OR H20) BOX AND COVER WILL BE REQUIRED WHEN CONDITIONS IN NOTE B ARE NOT MET OR WHEN DETERMINED BY SPPCo. INSPECTOR THAT BOX WILL BE SUBJECTED TO VEHICLE LOADS.
- (D) ALL VAULT LOCATIONS SHALL BE A MINIMUM OF 4-1/2 FEET BEHIND BACK FACE OF CURB ON STREETS WHERE SIDEWALKS ARE NOT IMMEDIATELY INSTALLED 6-1/2 FEET FROM EDGE OF PAVEMENT OR 2 FEET BEHIND PROPERTY LINE WHICHEVER IS GREATER.
- (E) SIERRA PACIFIC POWER COMPANY MAY REQUIRE RETAINING WALLS OR GUARDPOST INSTALLATION FOR REQUIRED SAFETY OF FACILITIES.



PRIMARY VAULT OR JUNCTION ENCLOSURE LOCATION DETAIL



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EQUIPMENT LOCATION

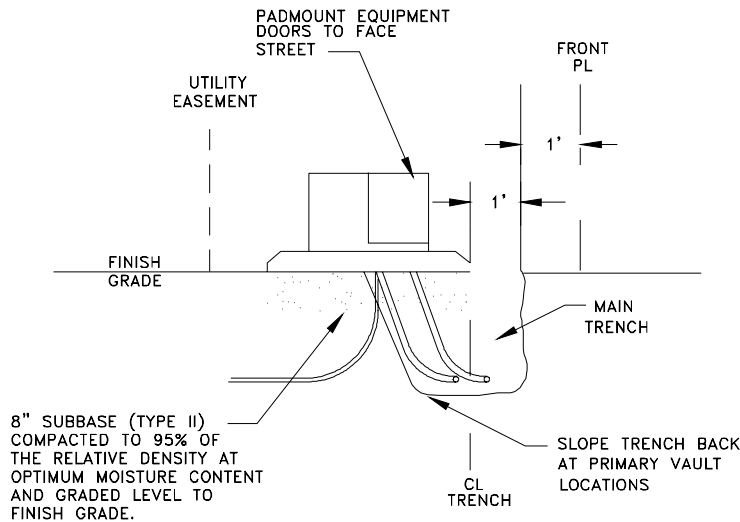
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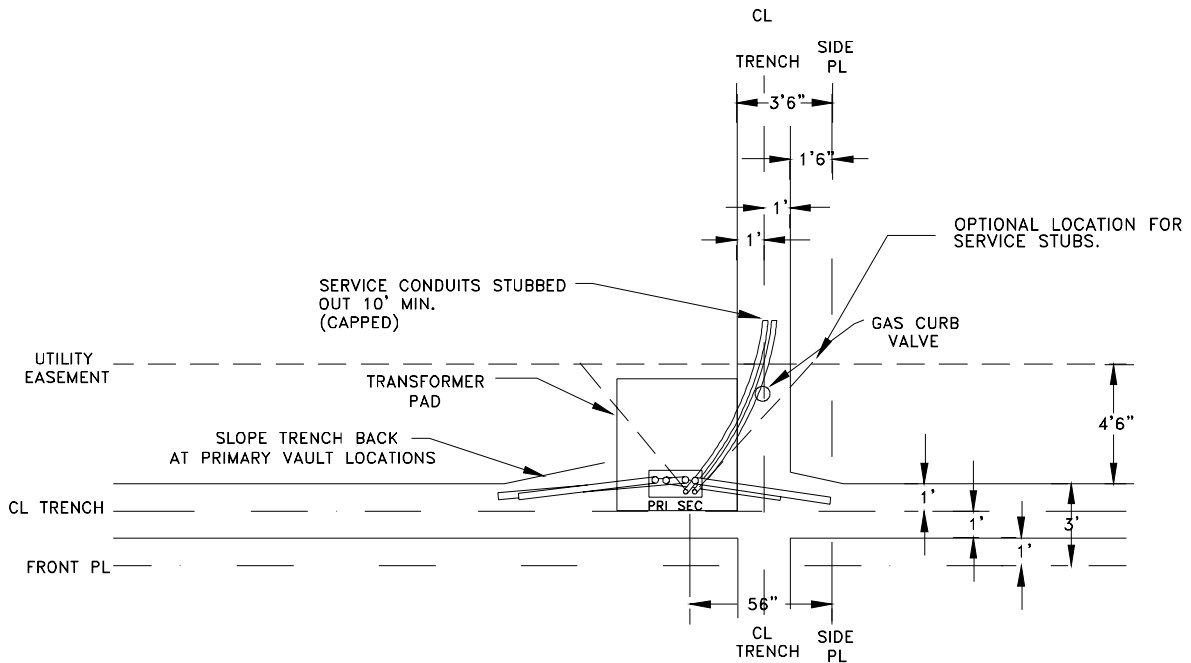
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CONSTRUCTION NOTES:

- (A) CONTRACTOR TO DETERMINE AND STAKE FINISH GRADE.
- (B) MAINTAIN 10 FT. CLEAR LEVEL SPACE IN FRONT OF ALL PADMOUNT EQUIPMENT DOORS.
- (C) NO FENCE, COVER OR STRUCTURE TO BE BUILT WITHIN 3'-0" OR 30" OF TRANSFORMER. REFERENCE TE0040U NOTE: 15
- (D) FOR TRANSFORMER GROUNDING DETAIL SEE GD04U. VOLUME 5, TECHNICAL DATA.
- (E) ALL TRANSFORMER PADS WILL BE INSTALLED A MINIMUM OF 3 FEET FROM THE EDGE OF ANY DRIVEWAY, CURB OR VEHICLE ACCESS.
- (F) ALL PAD LOCATIONS SHALL BE A MINIMUM OF 4-1/2 FEET BEHIND BACK FACE OF CURB ON STREETS WHERE SIDEWALKS ARE NOT IMMEDIATELY INSTALLED 6-1/2 FEET FROM EDGE OF PAVEMENT OR 2 FEET BEHIND PROPERTY LINE WHICHEVER IS GREATER.
- (G) SIERRA PACIFIC POWER COMPANY MAY REQUIRE RETAINING WALLS OR GUARDPOST INSTALLATION FOR REQUIRED SAFETY OF
- (H) SECONDARY/SERVICE CONDUITS AT TRANSFORMER LOCATIONS WILL BE STUBBED UP AT 56" MIN. FROM PROPERTY LINE.
- (I) PRIMARY CONDUITS AT TRANSFORMER WILL BE STUBBED UP AT 71".



**TRANSFORMER PAD LOCATION DETAIL
FRONT LOT LINE CONSTRUCTION**



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