



Truckee Donner Public Utility District

GUIDANCE REGARDING ELECTRIC REQUIREMENTS FOR SINGLE-FAMILY RESIDENTIAL NEW CONSTRUCTION

The process outlined below has been developed to ensure we have all the required documentation in order to provide your project with electric service. The Owner or Contractor shall complete and submit the following forms to the District. The *Residential & Multi-Family Electric Load & Planning Sheet* (Attachment A), the *Electric Residential Service Connection Agreement* (Attachment B) and the *Application for Residential New Construction* (Attachment C). We will need a copy of the *Building Permit* and a *Set of Plans* in order for the District to approve the panel location. **THESE DOCUMENTS MUST BE SUBMITTED & THE APPROPRIATE FEES PAID BEFORE THE DISTRICT WILL PROVIDE ELECTRIC SERVICE.**

The District is required by the Federal Trade Commission to validate the identity of all customers prior to providing service. This validation will require photo ID and/or Social Security Number. Qualifying photo ID shall include, without limitation, valid government-issued driver's license or ID card, valid U.S. Permanent Resident Card (i.e., "Green Card"), and foreign government-issued photo identification or valid passport.

Customers making application via phone, e-mail, fax or through a realtor or property management company will be required to provide valid photo identification in person at the District's office if they decline to provide their social security number for validation.

****NO ACCOUNT SHALL BE OPENED WITHOUT IDENTIFICATION VALIDATION****

Please see the following information regarding your new account with Truckee Donner PUD.

DEPOSITS:

- TDPUD will run a credit check with a qualified credit reporting agency on all customers to determine if a deposit will be required. This credit check is an inquiry only and will not adversely affect the consumer's credit rating. Determination for deposit requirements is based on the consumer's over-all credit history and the credit reporting agency's evaluation of the potential for credit risk. If the credit qualifies, the deposit is waived. No signature is required for this credit check to be run as it is not a credit report and does not adversely affect the consumer's credit rating. This same agency is used to validate identity.
- New customers who apply for the Electronic Funds Transfer (EFT) are eligible for waiver of the deposit. These customers must remain on the EFT for a minimum 24 months. If a non-sufficient funds event occurs during that 24 month period, a deposit will be required and will automatically be added to the account.
- Deposits will be retained for a minimum of 24 months. The deposit and interest will be applied to the customer's account when the customer establishes good credit with the District or when the customer closes the account.

RESIDENTIAL ELECTRIC RATES:

Truckee Donner Public Utility District provides two residential electrical rates. The permanent resident rate (P10) is billed to those customers who occupy their homes on a full-time basis. The non-permanent resident rate (S10) is billed to those customers who occupy their homes on a part time basis for vacations, weekends, ski leases, etc. The current rates can be found on the District website www.tdpud.org.

The following is a list of criteria used to determine a customer's qualification for our permanent resident rate. Providing this information will assist us in determining your proper rate.

1. Homeowner's exemption on the Truckee property per the Nevada/Placer County property tax record.
2. Loan documents and/or homeowner's insurance records indicating the Truckee residence as the primary residence.
3. A local mailing address and daytime, evening and work phone numbers within the Truckee area.
4. California driver's license and vehicle registration with local address.
5. Voter registration in Nevada County showing the Truckee address.
6. Employment in the Truckee area.
7. Attendance of dependents at a local primary or secondary school.
8. Information from District records

Qualification for the permanent resident rate is at the District's discretion and will be based on a combination of items from the above list.

If you have further questions, please call our Customer Service Department at (530) 587-3896.

ATTACHMENT A



**RESIDENTIAL & MULTI-FAMILY
ELECTRIC LOAD & PLANNING SHEET**

Date Plans Received _____

Customer Name _____ Phone _____

Contractor _____ Phone _____

Sub/Unit/Lot _____ Address _____

Overhead or Underground (Circle) _____ Perm Original Power _____ Temporary Power _____

Single Family or Multi-Unit Condo/Apt _____ # of Units _____ House Meter _____ # of Meters _____

Main Panel Size: 200 400 Other _____ Voltage 120/240 1 Phase _____ # of Panels _____

Residence Square Footage or Multi-Unit Individual Unit Square Footage _____

Appliances & Equipment (Check Electric and/or Gas)	<u>ELECTRIC</u>	<u>GAS</u>
Water Heating	_____	_____
Cooking	_____	_____
Dryer	_____	_____
Electric Vehicle Outlet	_____ KW Demand	
Well Pump	_____ HP	_____
Space Heating	_____	_____
Air Conditioning	_____ Tons	_____
Motors	_____ HP	_____
Welder	_____	_____
Misc Equipment	_____ HP	_____

Do Not Write Below This Line - For TDPUD use only

Service Length O/H or U/G _____ Existing T/F Size _____ # of Customers on T/F _____

Service Size _____ Mid Span _____ Span of Secondary _____

Pole Drop _____ Pole # _____ Secondary Pole _____

Revised 8/19/16



ELECTRIC RESIDENTIAL SERVICE CONNECTION AGREEMENT

1. **Prior to any construction for electric facilities, a pre-construction meeting will be required at the job site. Site & elevation plans are required upon submittal to schedule the pre-construction meeting.** The District shall approve the location of the service and provide routing from our service point to the main electric service. A District representative will call the contact information listed below to schedule the pre-construction meeting.
2. I agree service connections will be done per all District Electric Construction Standards. Site and elevation plans are required upon submittal of a new construction application. (The District specifications most frequently referenced for residential construction are attached to this agreement.) See District Standards GC-1.
3. I agree to notify a District representative to schedule an underground open trench inspection prior to backfilling the utility trench. See District Standards UBOX-S1, UBOX-S1A, UR-S, UT-S1, UT-S2 or UT-S3.
4. I agree the electric service panel must be installed to District Standards M-1.1, M-1.2, US-1 or OHS-1 in order to be connected. The electric panel must be inspected and approved by the appropriate governing agency before the service will be connected.
5. I agree a decorative or recessed enclosure, if needed, will be done per the District Construction Standards M-1A or M-1B.
6. I agree a temporary electric service, if needed, will be done per the District Construction Standards OTP-1 or UST-1.
7. I agree additional charges may be incurred in order to connect the service if excavation or snow removal is required (District's cost for staff and equipment).
8. I understand an electric customer charge will begin from the date the meter is installed, regardless of use.

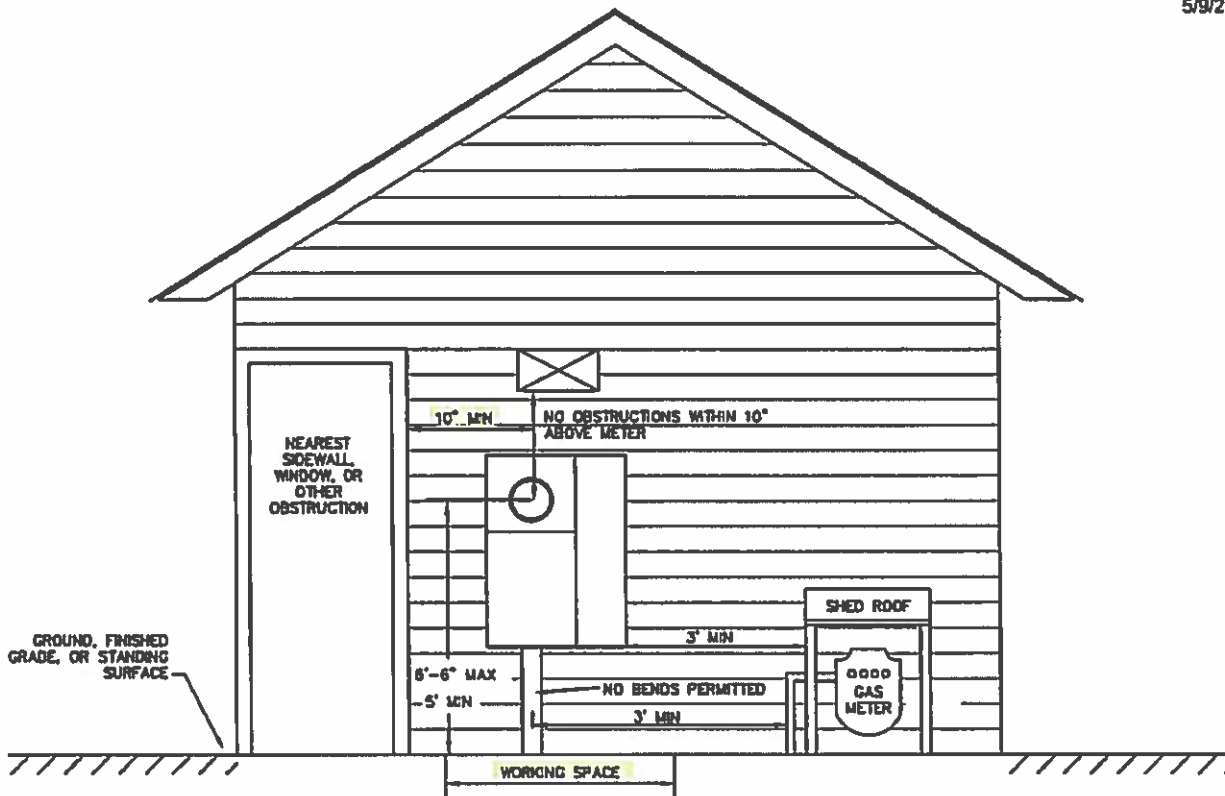
Signed

Contact Name for pre-construction meeting

Print Name

Contact Phone

Date



INSTALLATION NOTES.

1. ALL METER SOCKETS SHALL BE ELECTRIC UTILITY SERVICE EQUIPMENT REQUIREMENTS COMMITTEE (EUSERC) COMPLIANT.
2. ALL METER SOCKETS SHALL HAVE A SCREW-TYPE LOCKING RING. RINGLESS SOCKETS ARE NOT ACCEPTABLE.
3. METER SOCKETS SHALL BE LEVEL, PLUMB, AND SECURELY FASTENED TO THE STRUCTURE.
4. ALL METER SOCKETS WITHOUT A METER INSTALLED SHALL BE COVERED AND SEALED WITH A TRANSPARENT COVER PLATE.
5. TERMINALS SHALL BE MARKED WITH A CONDUCTOR RANGE FOR ALUMINUM OR COPPER CONDUCTORS. WHEN ALUMINUM CONDUCTORS ARE USED, THE SOCKET SHALL BE APPROVED AND CLEARLY MARKED FOR THAT USE BY MANUFACTURER.
6. CUSTOMER WIRING, GROUNDING ELECTRODE CONDUCTOR, OR GROUNDING CONDUCTORS, OTHER THAN CONDUIT BONDING JUMPERS, SHALL NOT PASS THROUGH OR TERMINATE IN ANY SEALABLE SECTION.
7. COMMERCIAL (NON-RESIDENTIAL USE) METER PANELS MUST MEET THE FOLLOWING REQUIREMENTS:
 - A. ALL COMMERCIAL SERVICES USE SHALL HAVE EUSERC COMPLIANT MANUAL TEST-BYPASS FACILITIES
 - B. ALL COMMERCIAL SERVICES OVER 200 AMPS REQUIRE CURRENT TRANSFORMER (CT) METERING
 - C. REMOTE METERS ARE NOT PERMITTED
8. A SERVICE DISCONNECT IS NOT PERMITTED ON THE SUPPLY SIDE OF SINGLE METER SOCKETS OR MULTI-METER SOCKET PANELS CONTAINING SIX OR LESS METER SOCKETS.
9. A SERVICE DISCONNECT IS REQUIRED FOR MULTI-METER PANELS CONTAINING MORE THAN SIX METERS, PER NATIONAL ELECTRIC CODE (NEC).
10. RESIDENTIAL REQUIREMENTS:
 - A. SERVICES GREATER THAN 400 AMPS REQUIRE A CT-RATED METER AND APPROPRIATE SWITCHGEAR.
 - B. TEST BYPASS FACILITIES ARE NOT ALLOWED ON RESIDENTIAL SERVICES

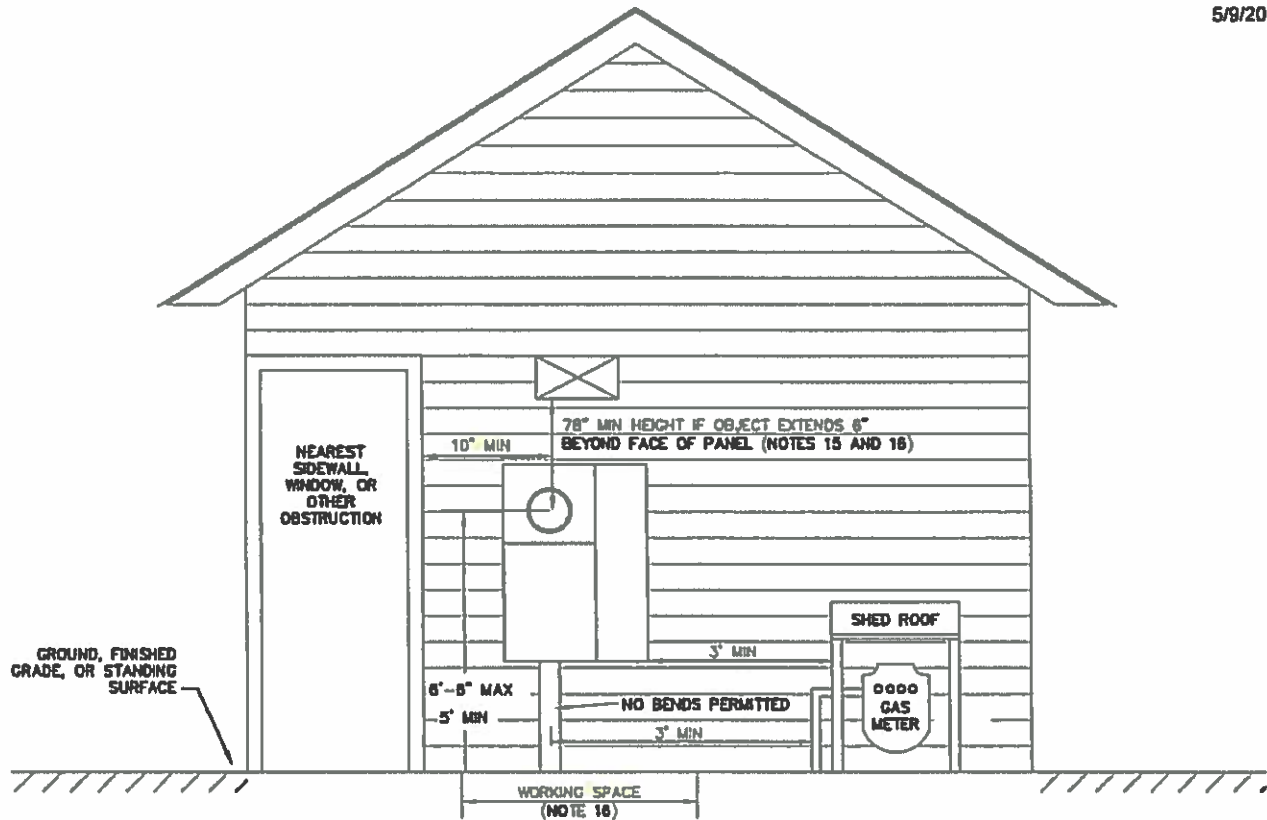
M-1-1.DWG



ELECTRIC DEPARTMENT

Metering
General Requirements
All Meter Locations, Page 1 of 2

Drawn	Design	Approved	Date	Category	Voltage	M-1.1
SMS	JAH	JAW	3/27/18	Metering	Secondary	



INSTALLATION NOTES:

11. ALL METERING EQUIPMENT AND ENCLOSURES SHALL BE READILY ACCESSIBLE BY DISTRICT PERSONNEL DURING NORMAL BUSINESS HOURS FOR METER READING, MAINTENANCE, TESTING, INSTALLATION, OR REMOVAL.
12. METERS SHALL BE INSTALLED ON THE GABLE END OF A STRUCTURE, IN A COVERED ENTRY OR OTHER SIMILARLY PROTECTED LOCATION. INSTALLATIONS ON THE SHED SIDE OF THE ROOF ARE NOT ACCEPTABLE. ALL METER LOCATIONS ARE SUBJECT TO DISTRICT APPROVAL.
13. ALL METER EQUIPMENT EXPOSED TO WEATHER SHALL BE RAINTIGHT IN ACCORDANCE WITH NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION (NEMA) 3R MINIMUM STANDARD.
14. THERE SHALL BE A MINIMUM 3 FEET HORIZONTAL CLEARANCE FROM THE METER AND SERVICE ENTRANCE PANEL TO NATURAL GAS OR PROPANE PIPES AND FACILITIES.
15. A MINIMUM 10" CLEARANCE SHALL BE MAINTAINED BETWEEN THE METER AND ADJACENT WALLS CEILINGS, OR SIMILAR OBSTRUCTIONS.
16. WORKING SPACE IN FRONT OF METERING EQUIPMENT (INCLUDING CURRENT TRANSFORMER ENCLOSURES) SHALL BE AT LEAST 30" WIDE, 36" DEEP AND 78" HIGH FOR VOLTAGES LESS THAN 250V. FOR VOLTAGES BETWEEN 250-600V, THE WORKING SPACE REQUIRED INCREASES TO 30" WIDE, 42" DEEP AND 78" HIGH. PLANTS, SHRUBS, TREES AND OTHER OBSTRUCTIONS ARE NOT ALLOWED IN THIS SPACE.
17. ALL CLEARANCE REQUIREMENTS SHALL BE MET SIMULTANEOUSLY.

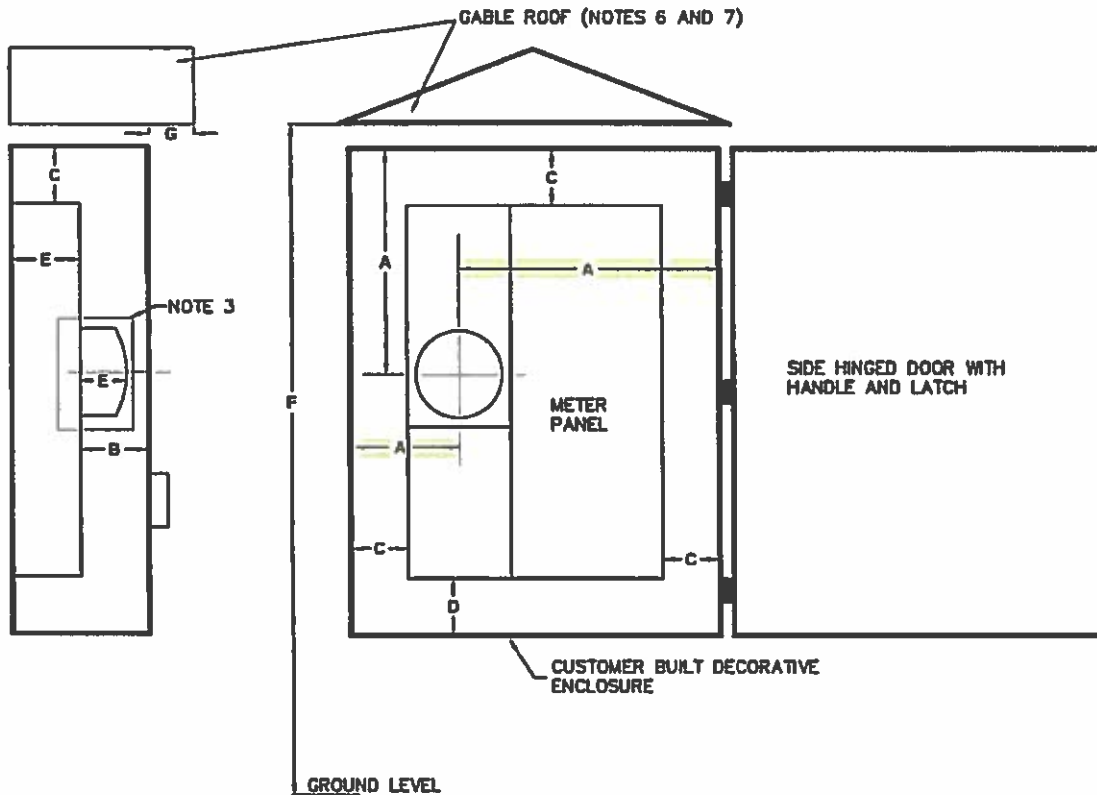
M-1-2.DWG



ELECTRIC DEPARTMENT

Metering
General Requirements
All Meter Locations, Page 2 of 2

Drawn	Design	Approved	Date	Category	Voltage	M-1.2
SMS	JAH	JAW	4/4/18	Metering	Secondary	



INSTALLATION NOTES

DECORATIVE ENCLOSURES ARE PERMITTED ON RESIDENTIAL METERS ONLY AND REQUIRE DISTRICT NOTIFICATION AND PRELIMINARY APPROVAL PRIOR TO INSTALLATION. THE FOLLOWING CONDITIONS SHALL BE REQUIRED FOR FINAL APPROVAL.

1. ALL METERS, METER EQUIPMENT, AND ENCLOSURES SHALL BE READILY ACCESSIBLE BY DISTRICT PERSONNEL DURING NORMAL BUSINESS HOURS FOR METER READING, MAINTENANCE, TESTING, INSTALLATION, OR REMOVAL. METER LOCATIONS ARE SUBJECT TO APPROVAL BY THE DISTRICT. SEE ELECTRIC CONSTRUCTION STANDARD M-1.1 AND M-1.2 FOR ADDITIONAL REQUIREMENTS.
2. ENCLOSURE DOOR SHALL OPEN A FULL 90 DEGREES AT A MINIMUM AND BE SIDE-HINGED. A HASP TYPE LATCH IS PREFERRED FOR SECURING THE ACCESS DOOR TO THE ENCLOSURE. THE ACCESS DOOR SHALL REMAIN UNLOCKED AT ALL TIMES TO ALLOW UNRESTRICTED ACCESS BY THE DISTRICT.
3. ACCESS DOOR ON SIDE OF ENCLOSURE MAY BE REQUIRED FOR METER INSTALLATION. CONFIRM REQUIREMENTS WITH DISTRICT PERSONNEL BEFORE INSTALLATION.
4. THE DECORATIVE ENCLOSURE SHALL BE MAINTAINED IN GOOD WORKING ORDER BY THE CUSTOMER OR THE DISTRICT SHALL REQUIRE ITS REMOVAL.
5. FUTURE METERING REQUIREMENTS MAY NECESSITATE CUSTOMER MODIFICATION OF THE ENCLOSURE.
6. ROOF, IF REQUIRED, SHALL BE OF THE GABLE DESIGN AND MUST EXTEND THE FULL DEPTH OF THE ENCLOSURE. THE ROOF SHALL BE A MINIMUM OF 78" FROM GROUND IF THE ROOF EXTENDS MORE THAN 6" FROM THE FRONT OF ENCLOSURE.
7. CLEARANCE REQUIREMENTS (ALL CLEARANCES SHALL BE MET SIMULTANEOUSLY)
 - "A" - CLEARANCE FROM CENTER OF METER TO ANY WALL OF ENCLOSURE 10" MINIMUM
 - "B" - CLEARANCE DEPTH FROM FRONT OF PANEL TO CLOSED DOOR 6" MINIMUM TO 9" MAXIMUM
 - "C" - CLEARANCE FROM PANEL EDGE TO SIDE OR TOP WALLS OF ENCLOSURE 5" MINIMUM
 - "D" - CLEARANCE FROM PANEL EDGE TO BOTTOM WALL OF ENCLOSURE 5" MINIMUM, 18 INCHES MAXIMUM
 - "E" - PANEL AND METER DEPTH 4" MINIMUM
 - "F" - HEIGHT OF LOWEST EDGE OF ROOF SHALL BE 78" MINIMUM IF "G" EXCEEDS 6"

M-1A.DWG

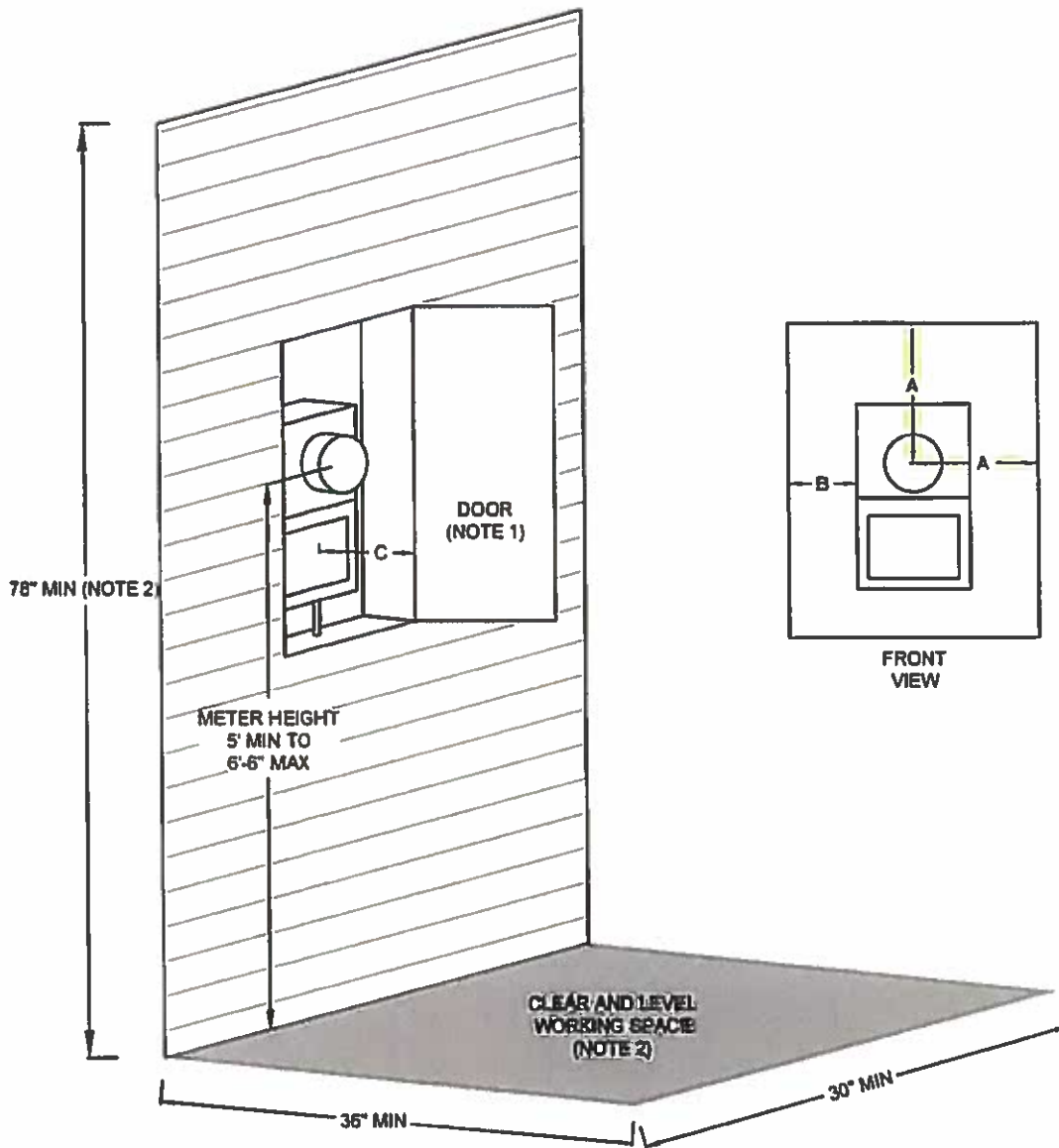


TRUCKEE DONNER
Public Utility District

ELECTRIC DEPARTMENT

Metering
Decorative Residential Meter Enclosures

Drawn	Design	Approved	Date	Category	Voltage	M-1A
SMS	JAH	JAW	3/27/18	Metering	Secondary	



INSTALLATION NOTES:

1. DOOR SHALL OPEN A MINIMUM OF 90 DEGREES.
2. WORKING SPACE SHALL COMPLY WITH REQUIREMENTS IN CONSTRUCTION STANDARD M-1.2
3. CLEARANCE REQUIREMENTS (ALL CLEARANCES SHALL BE MET SIMULTANEOUSLY)
 "A" - 10" MINIMUM
 "B" - 5" MINIMUM
 "C" - 6" MINIMUM TO 9" MAXIMUM DEPTH FROM FRONT OF PANEL TO FACE OF FRAMING

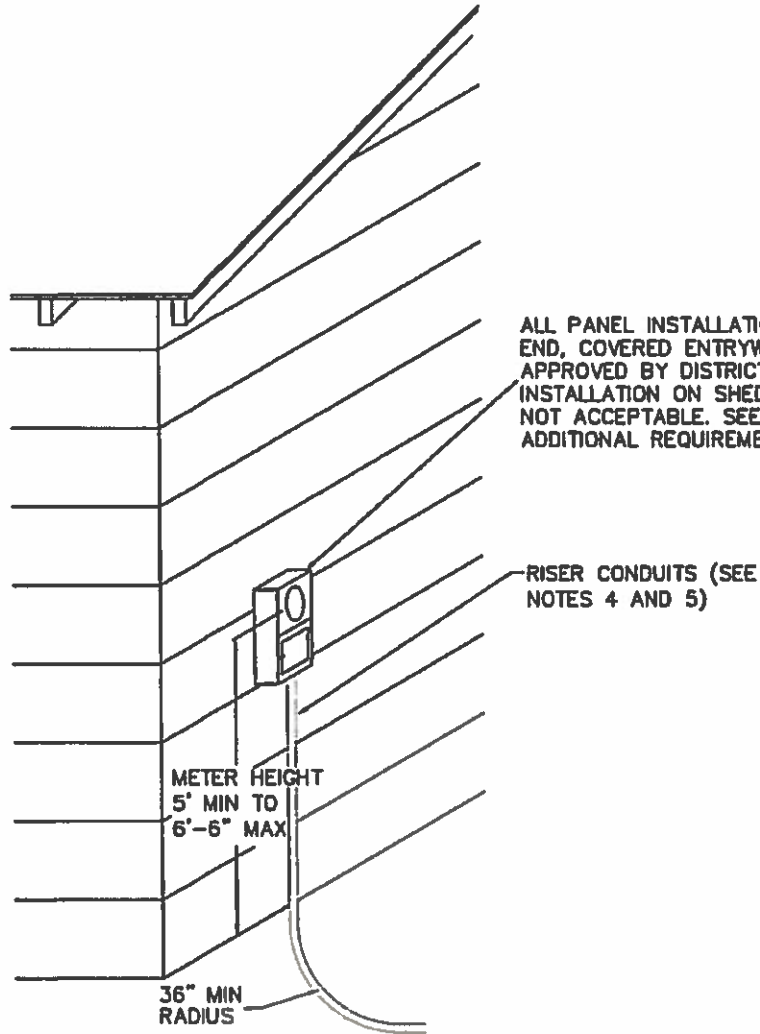
M-1B.DWG



ELECTRIC DEPARTMENT

Metering
Recessed Residential Meter Enclosures

Drawn	Design	Approved	Date	Category	Voltage	M-1B
SMS	SMS	JAH	4/4/18	Metering	Secondary	



ALL PANEL INSTALLATIONS SHALL BE ON GABLE END, COVERED ENTRYWAY OR SIMILAR LOCATION APPROVED BY DISTRICT PRIOR TO INSTALLATION. INSTALLATION ON SHED SIDE OF BUILDING IS NOT ACCEPTABLE. SEE STANDARD M-1 FOR ADDITIONAL REQUIREMENTS.

RISER CONDUITS (SEE NOTES 4 AND 5)

METER HEIGHT
5' MIN TO
6'-6" MAX

36" MIN
RADIUS

INSTALLATION NOTES:

1. CONNECTION FEE ALLOWS UP TO 125' OF UNDERGROUND CABLE. ADDITIONAL LENGTH SHALL BE BILLED AT DISTRICT COST.
2. CUSTOMER SHALL FURNISH AND INSTALL THE SERVICE ENTRANCE CONDUIT.
3. REFER TO METER INSTALLATION STANDARDS M-1.1, M-1.2, M-1A, M-2 AND M-3 FOR ADDITIONAL REQUIREMENTS.
4. RESIDENTIAL CONDUIT RISER SHALL BE SCHEDULE 40 PVC (GREY), 3" MINIMUM, SIZE TO BE DETERMINED BY THE DISTRICT. SCHEDULE 80 PVC CONDUIT, INTERMEDIATE METAL CONDUIT (IMC) OR GALVANIZED RIGID CONDUIT (GRC) MAY BE REQUIRED IF DIRECTED BY THE DISTRICT. NO BENDS PERMITTED IN RISER CONDUIT
5. COMMERCIAL CONDUIT RISER SHALL BE SCHEDULE 40 PVC (GREY), 3" MINIMUM. SCHEDULE 80 PVC CONDUIT, IMC OR GRC CONDUIT MAY BE REQUIRED IF DIRECTED BY THE DISTRICT. NO BENDS PERMITTED IN RISER CONDUIT

US-1.DWG

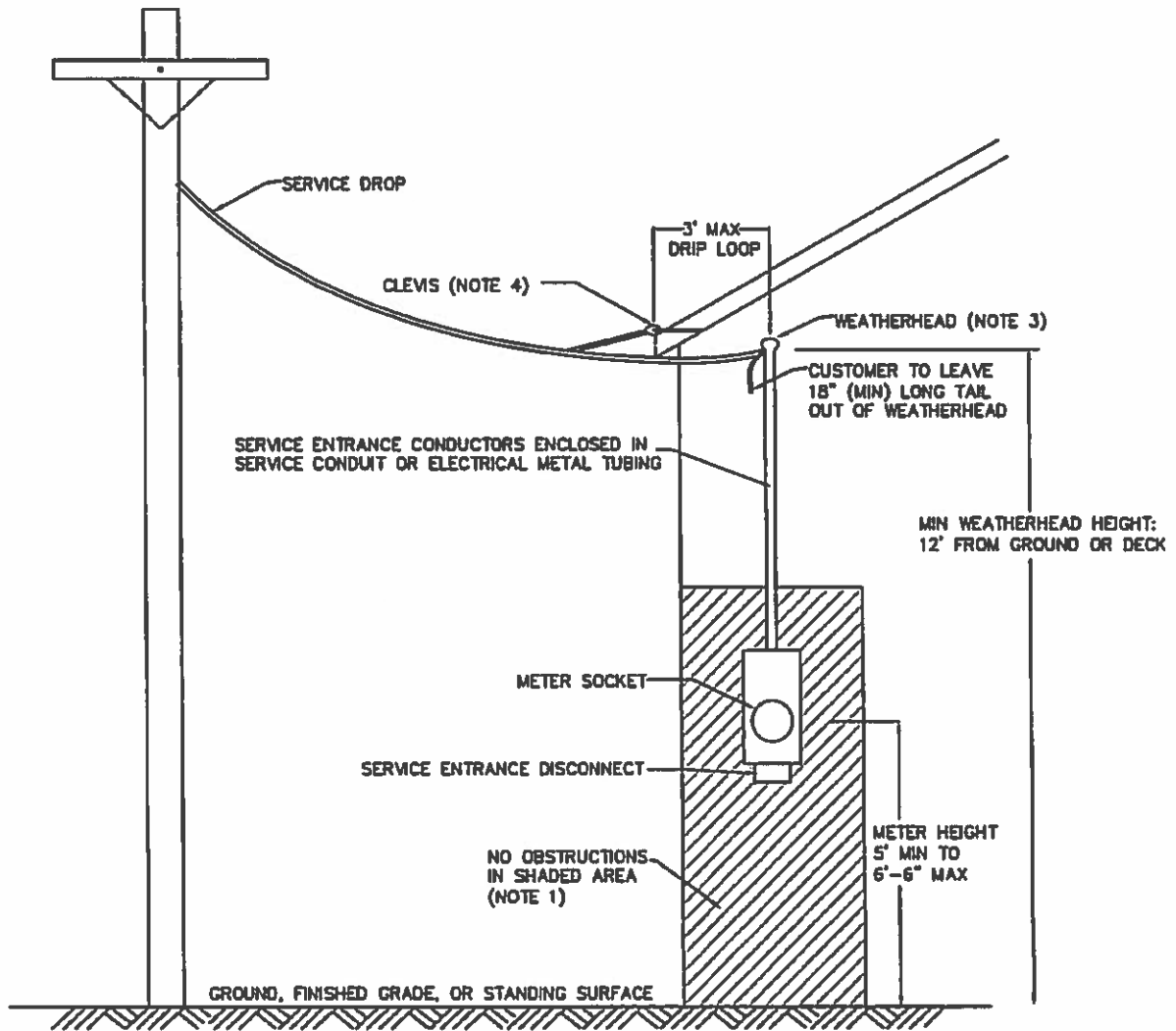


TRUCKEE DONNER
Public Utility District

ELECTRIC DEPARTMENT

**Underground Service Entrance
Conduit Requirements**

Drawn	Design	Approved	Date	Category	Voltage	US-1
SMS	SMS	JAH	3/30/18	Underground	Secondary	



INSTALLATION NOTES:

1. REFER TO METER INSTALLATION STANDARDS M-1.1, M-1.2 AND M-1A FOR CLEARANCE AND OTHER REQUIREMENTS.
2. FOR CONDUIT REQUIREMENTS, SEE STANDARD US-1.
3. WEATHERHEAD SHALL HAVE A MINIMUM 36" CLEARANCE TO ANY WINDOW. WEATHERHEAD AND ASSOCIATED CONNECTIONS SHALL NOT BE ENCLOSED AND SHALL REMAIN VISIBLE AT ALL TIMES.
4. COORDINATE CLEVIS INSTALLATION WITH TDPUD PERSONNEL. DISTRICT WILL PROVIDE 5/8" ALL-THREAD BOLT AND ASSOCIATED HARDWARE, FOR INSTALLATION BY CUSTOMER.

OHS-1.DWG

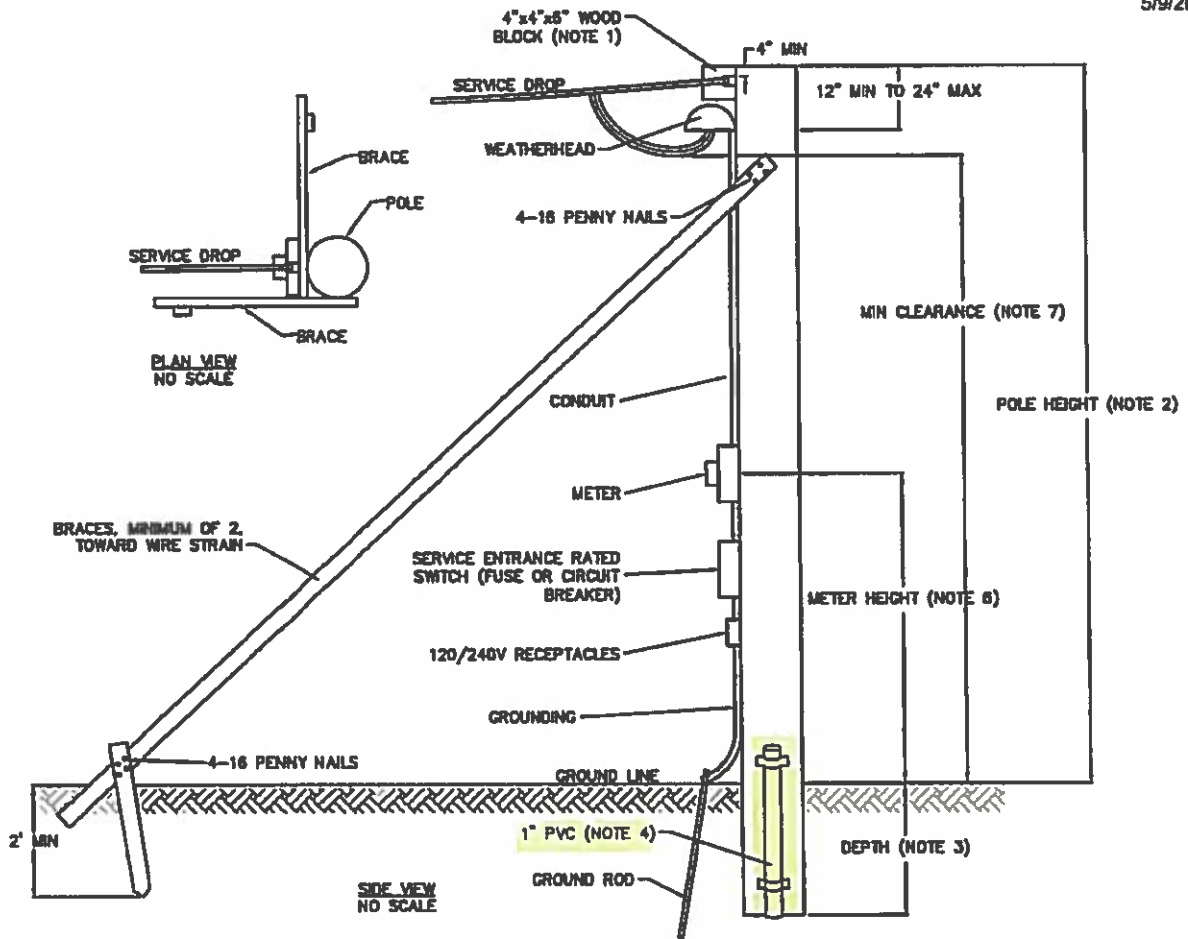


TRUCKEE DONNER
Public Utility District

ELECTRIC DEPARTMENT

Typical Service Drop Installation
Overhead Secondary Connections

Drawn	Design	Approved	Date	Category	Voltage	OHS-1
SMS	SMS	JAH	3/30/18	Overhead	Secondary	



INSTALLATION NOTES:

1. WOOD BLOCK NOT REQUIRED WITH PVC CONDUIT AND WEATHERHEAD OR ON GROUNDED METAL POLE.
2. INSTALL TIMBER OR POLE TO MEET MINIMUM G.O. 95 CLEARANCE REQUIREMENTS (SEE STANDARD GC-1). POLE HEIGHT SHALL BE 12'-6" MINIMUM TO 25' MAXIMUM.
3. REQUIRED SETTING DEPTHS ARE AS FOLLOWS:
 16' TIMBER (MINIMUM DIMENSION 4"x8")- 3'-6"
 20' POLE - 4'
 25' POLE - 4'-8"
 30' POLE - 5'
4. A 5' LONG 1" DIAMETER PVC PIPE SHALL BE STRAPPED TO POLE BASE TO ALLOW DISTRICT PERSONNEL TO VERIFY SETTING DEPTH.
5. RISERS SHALL BE STRAPPED TO POLE WITH A MINIMUM OF 3 CONDUIT STRAPS FOR THE FIRST 10' SECTION OF 2" CONDUIT.
6. METER HEIGHT SHALL BE 5' MINIMUM TO 6'-6" MAXIMUM.
7. DRIP LOOP SHALL HAVE A MINIMUM CLEARANCE OF 12' ABOVE GRADE.
8. TEMPORARY SERVICES ARE NOT PERMITTED ON TREES OR OTHER LIVE GROWTH.

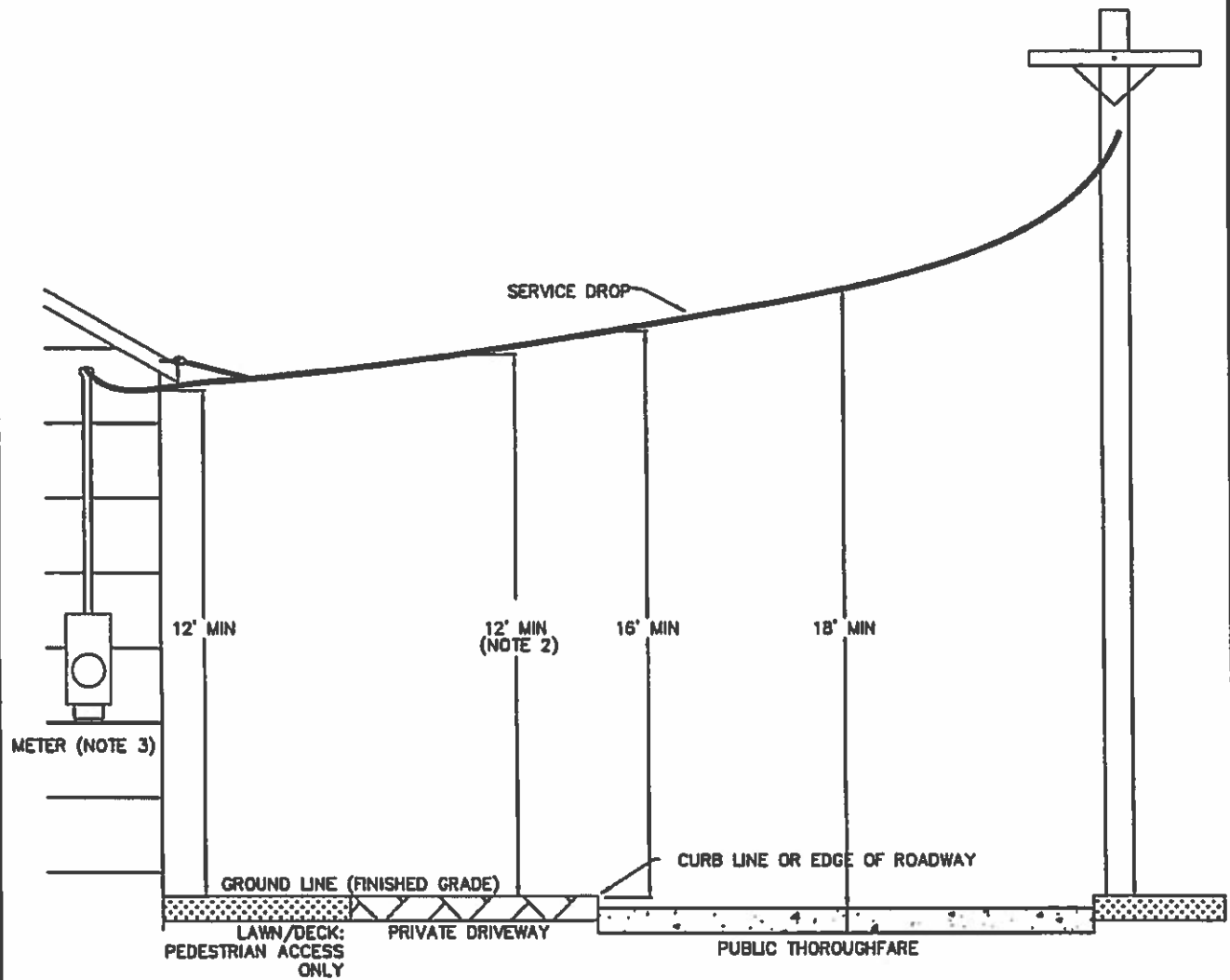
OTP-1.DWG



ELECTRIC DEPARTMENT

**Temporary Power Pole
Overhead Secondary**

Drawn	Design	Approved	Date	Category	Voltage	OTP-1
SMS	SMS	JAH	4/2/13	Overhead	Secondary	



INSTALLATION NOTES:

1. ALL CLEARANCES SHALL MEET REQUIREMENTS OF CALIFORNIA G.O. 95, RULE 54.8 B
2. CLEARANCE OVER DRIVEWAY TYPICALLY VARIES BETWEEN 12 TO 16 FEET
3. REFER TO METER INSTALLATION STANDARDS M-1.1, M-1.2, M-1A, M-1B, AND OHS-1 FOR METER CLEARANCE AND OTHER REQUIREMENTS

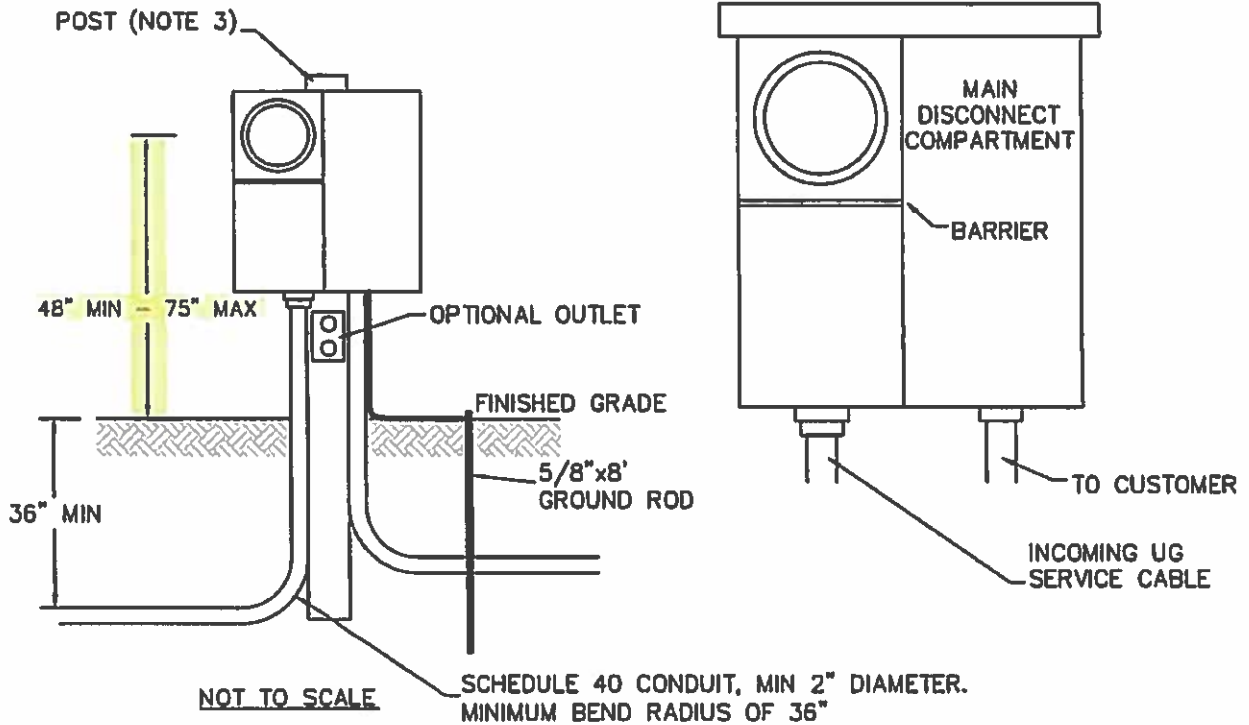
GC-1.DWG



ELECTRIC DEPARTMENT

**Minimum Ground Clearances
Overhead Supply Service Drops**

Drawn	Design	Approved	Date	Category	Voltage	GC-1
SMS	SMS	JAH	3/27/18	Overhead	Secondary	



GENERAL NOTES:

1. ALL METER SOCKETS SHALL BE ELECTRIC UTILITY SERVICE EQUIPMENT REQUIREMENTS COMMITTEE (EUSERC) COMPLIANT.
2. ALL METER SOCKETS SHALL HAVE A SCREW-TYPE LOCKING RING. RINGLESS SOCKETS ARE NOT ACCEPTABLE.
3. METER SOCKETS SHALL BE LEVEL, PLUMB, AND SECURELY FASTENED TO THE POST. POST SHALL HAVE MINIMUM DIMENSIONS OF 4"x6" BY 10' LONG, FULLY TREATED. POST SETTING DEPTH IS 48" MINIMUM IN GROUND.
4. ALL METER SOCKETS WITHOUT A METER INSTALLED SHALL BE COVERED AND SEALED WITH A TRANSPARENT COVER PLATE.
5. TERMINALS SHALL BE MARKED WITH A CONDUCTOR RANGE FOR ALUMINUM OR COPPER CONDUCTORS. WHEN ALUMINUM CONDUCTORS ARE USED, THE SOCKET SHALL BE APPROVED AND CLEARLY MARKED FOR THAT USE BY MANUFACTURER.
6. CUSTOMER WIRING, GROUNDING ELECTRODE CONDUCTOR, OR GROUNDING CONDUCTORS, OTHER THAN CONDUIT BONDING JUMPERS, SHALL NOT PASS THROUGH OR TERMINATE IN ANY SEALABLE SECTION.
7. COMMERCIAL (NON-RESIDENTIAL USE) METER PANELS MUST MEET THE FOLLOWING REQUIREMENTS:
 - A. ALL COMMERCIAL SERVICES USE SHALL HAVE EUSERC COMPLIANT MANUAL TEST-BYPASS FACILITIES
 - B. ALL COMMERCIAL SERVICES OVER 200 AMPS REQUIRE CURRENT TRANSFORMER (CT) METERING
 - C. REMOTE METERS ARE NOT PERMITTED

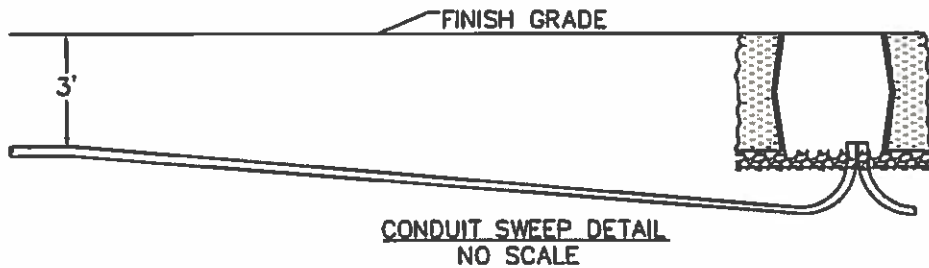
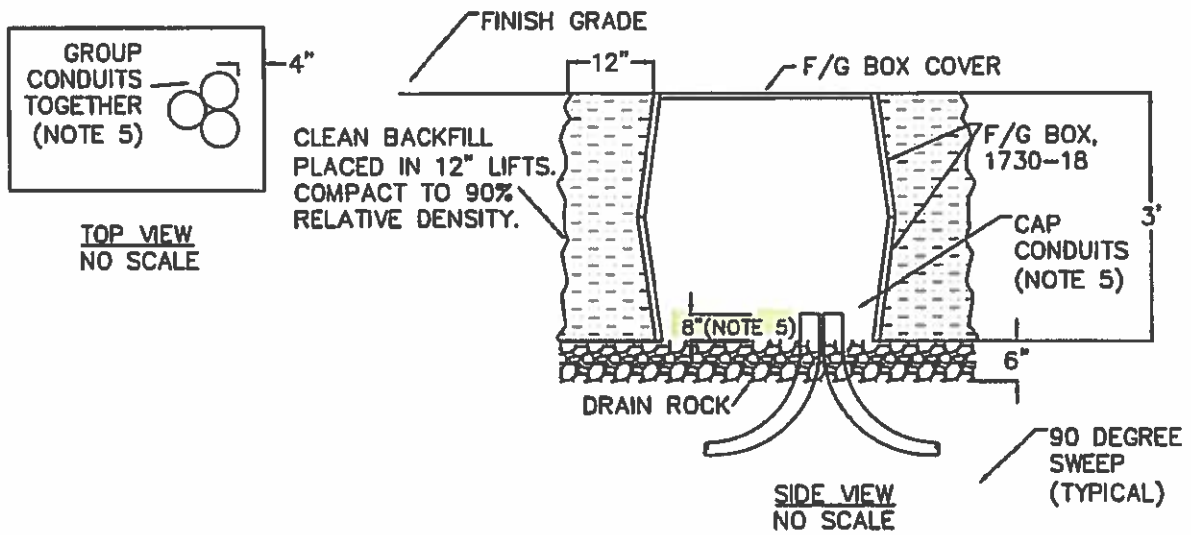
UST-1.DWG



ELECTRIC DEPARTMENT

**Underground Temporary Service
General Requirements**

Drawn	Design	Approved	Date	Category	Voltage	UST-1
SMS	SMS	SAH	4/4/18	Metering	Services	



INSTALLATION NOTES:

1. CUSTOMER TO CONFIRM WITH TDPUD PERSONNEL APPROPRIATE TYPE OF SECONDARY OR COMMUNICATION BOX CONSTRUCTION PRIOR TO INSTALLATION.
2. EXCAVATE TO A MINIMUM OF 12" BEYOND THE OUTSIDE DIMENSION OF THE BOX. INSTALL BOX ON A MINIMUM OF 6" DRAIN ROCK BEDDING.
3. INSTALL CLEAN BACKFILL (SCREEN AS REQUIRED) AND COMPACT IN 12" LIFTS. NO ROCKS OVER 3" IN SIZE ARE PERMITTED IN CLEAN BACKFILL. COMPACT TO A MINIMUM OF 90% RELATIVE DENSITY. COMPACTION TESTING AND DOCUMENTATION OF RESULTS TO BE PERFORMED AS REQUESTED BY THE DISTRICT.
4. THE COMPLETED INSTALLATION OF A SECONDARY OR PUD COMM BOX CONSISTS OF TWO (2) MODEL 1730-18 (OR 1324-15 IF SPECIFIED) F/G BOXES JOINED TOGETHER AS SHOWN WITH A CORRESPONDING SIZE COVER MARKED "ELECTRIC" OR "PUD COMM" AS APPROPRIATE.
5. INSTALL THE ENDS OF ALL CONDUIT SWEEPS VERTICALLY INTO THE BOX (I.E. PLUMB AND LEVEL). LENGTH OF CONDUIT STUBS TO BE CONFIRMED WITH TDPUD PERSONNEL. INSTALL BELL ENDS ON ALL CONDUIT SWEEPS STUBBED IN BOX.

UBOX-S1.DWG



TRUCKEE DONNER
Public Utility District

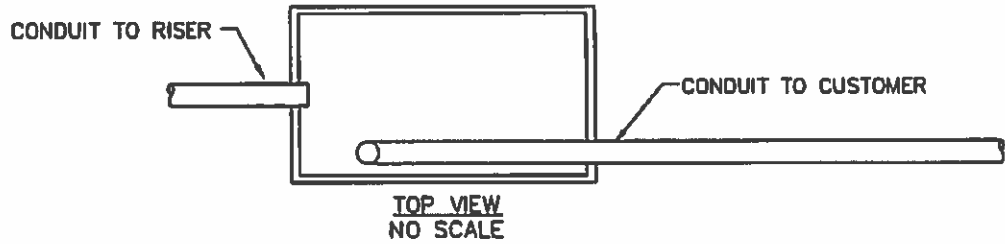
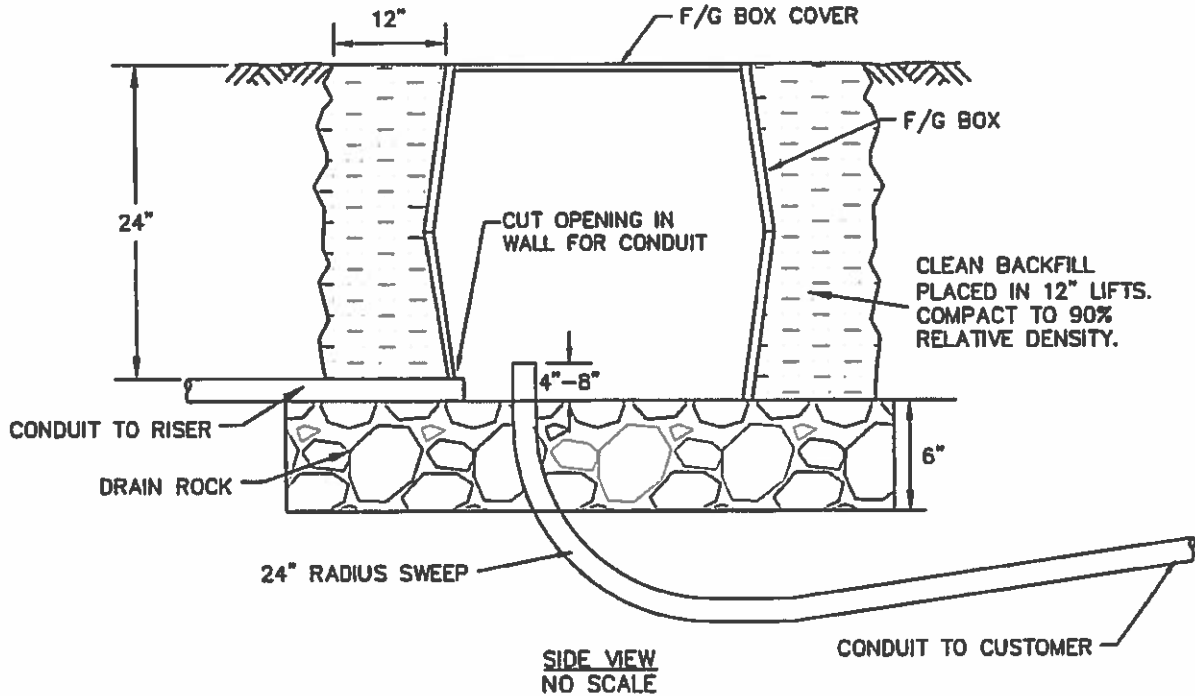
ELECTRIC DEPARTMENT

Secondary & PUD Communication Box

Fiberglass Box Installation Detail

Non-Traffic Use Only

Drawn	Design	Approved	Date	Category	Voltage	UBOX-S1
SMS	SMS	JAH	4/25/18	Vaults & Boxes	Site Work	



INSTALLATION NOTES:

1. CUSTOMER TO CONFIRM WITH TDPUD PERSONNEL APPROPRIATE TYPE OF SECONDARY OR COMMUNICATION BOX CONSTRUCTION PRIOR TO INSTALLATION.
2. EXCAVATE TO A MINIMUM OF 12 INCHES BEYOND THE OUTSIDE DIMENSION OF THE BOX. INSTALL BOX ON A MINIMUM OF 6" DRAIN ROCK BEDDING.
3. INSTALL CLEAN BACKFILL (SCREEN AS REQUIRED) AND COMPACT IN 12" LIFTS. NO ROCKS OVER 3" IN SIZE ARE PERMITTED IN CLEAN BACKFILL. COMPACT TO A MINIMUM OF 90% RELATIVE DENSITY. COMPACTION TESTING AND DOCUMENTATION OF RESULTS TO BE PERFORMED AS REQUESTED BY THE DISTRICT.
4. INSTALL BELL ENDS ON ALL CONDUITS AND SWEEPS STUBBED IN BOX.

UBOX-S1A.DWG



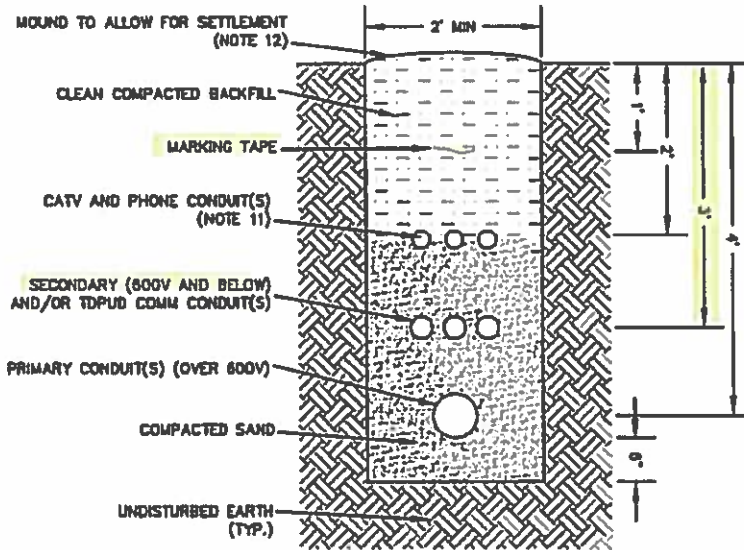
ELECTRIC DEPARTMENT

Drain Box - Fiberglass

Installation Detail

Non-Traffic Use Only

Drawn	Design	Approved	Date	Category	Voltage	UBOX-S1A
SMS	SMS	JAH	4/25/18	Vaults & Boxes	Site Work	



NOT TO SCALE

INSTALLATION NOTES

1. ALL ELECTRIC AND PUD COMMUNICATION CONDUIT SHALL BE SCHEDULE 40 PVC. ELECTRIC CONDUIT SWEEPS SHALL BE FACTORY-MADE SCHEDULE 40 PVC HEATED CONDUIT BENDS ARE **NOT** ACCEPTABLE.
2. A MAXIMUM OF 180 DEGREES OF ACCUMULATED BENDS SHALL BE ALLOWED IN ANY RUN OF CONDUIT.
3. TRENCH SHALL BE GRADED TRUE AND AS FREE OF ROCKS AS POSSIBLE.
4. INSTALL 6" DEEP SAND BEDDING BEFORE LAYING CONDUIT IN TRENCH. AFTER LAYING THE CONDUIT, DISTRICT PERSONNEL MUST INSPECT THE CONDUIT PRIOR TO PLACING ANY BACKFILL MATERIAL. BACKFILL CONDUITS WITH 12" OF SAND AS SHOWN AND COMPACT THE TRENCH. DISTRICT PERSONNEL MUST RE-INSPECT THE SAND BACKFILLED CONDUIT TRENCH.
5. AFTER THE DISTRICT'S SECOND INSPECTION, INSTALL CLEAN BACKFILL (SCREEN AS REQUIRED) AND COMPACT IN 12" LIFTS. NO ROCKS OVER 3" IN SIZE ARE PERMITTED IN CLEAN BACKFILL.
6. COMPACT ALL BACKFILL MATERIAL TO A MINIMUM OF 90% RELATIVE DENSITY. COMPACTION TESTING AND DOCUMENTATION OF RESULTS TO BE PERFORMED AS REQUESTED BY THE DISTRICT.
7. DISTRICT-OWNED WATER SERVICE LATERALS ARE PERMITTED IN JOINT TRENCH WITH MINIMUM 18" HORIZONTAL SEPARATION BETWEEN INSIDE EDGES OF PIPE AND CONDUIT.
8. CUSTOMER-OWNED UTILITIES INCLUDING WATER AND SEWER SERVICE LATERALS ARE **NOT** PERMITTED IN JOINT TRENCH. A MINIMUM SEPARATION OF 3' OF UNDISTURBED EARTH SHALL EXIST BETWEEN INSIDE EDGE OF THE CUSTOMER-OWNED UTILITY TRENCH AND JOINT TRENCH CONTAINING TDPUD ELECTRIC CONDUITS.
EXCEPTION: SINGLE FAMILY RESIDENTIAL WATER SERVICE LATERALS ARE PERMITTED IN SECONDARY SERVICE (240V OR LESS) JOINT TRENCH WITH MINIMUM 12" HORIZONTAL SEPARATION BETWEEN INSIDE EDGES OF PIPE AND CONDUIT.
9. ALL CONDUITS SHALL BE PROVEN FREE AND CLEAR OF DIRT, ROCKS, ETC., BY MEANS OF A MANDREL.
10. FURNISH AND INSTALL A WOVEN POLYESTER, PRE-LUBRICATED PULL TAPE PRINTED WITH SEQUENTIAL FOOT MARKINGS IN ALL CONDUITS. NO SPLICES ARE ALLOWED IN THE PULL TAPE. MINIMUM TENSILE STRENGTH REQUIREMENTS ARE AS FOLLOWS:
ELECTRIC CONDUIT: 1800 POUNDS
COMMUNICATIONS CONDUIT: 2" C. AND LARGER - 1000 POUNDS, 1" C. - 500 POUNDS
11. CATV AND PHONE SHOWN FOR ILLUSTRATION ONLY. CONTACT APPROPRIATE UTILITY FOR SPECIFICATIONS.
12. CONSTRUCTION OUTSIDE ROADWAY SHOWN. REFER TO STANDARD UT-S4 FOR CONSTRUCTION REQUIREMENTS INSIDE ROADWAY AREAS.

UT-S1.DWG

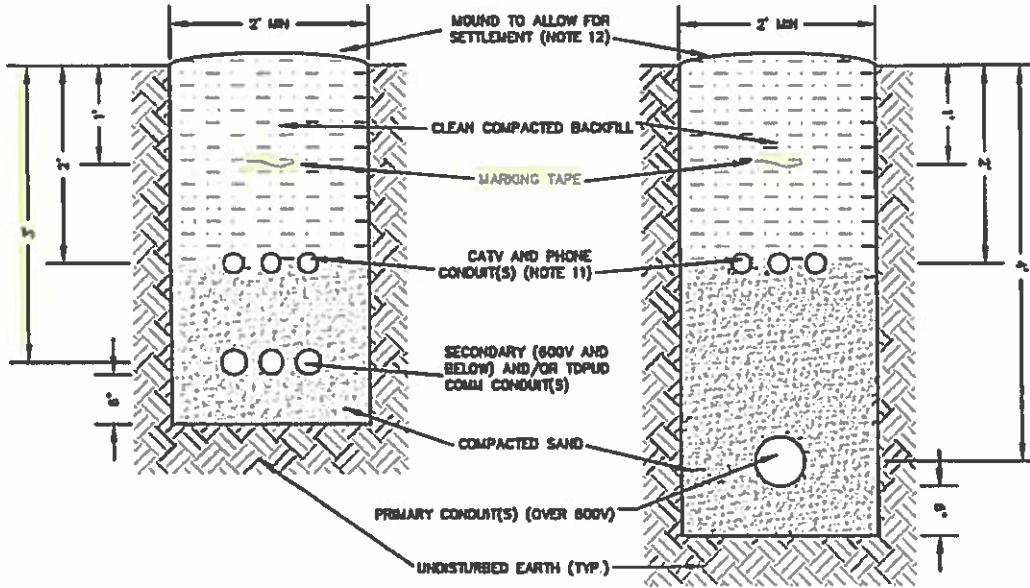


ELECTRIC DEPARTMENT

Joint Trench Construction Details

Primary Electric, Secondary Electric
& Communication Conduits

Drawn	Design	Approved	Date	Category	Voltage	UT-S1
SMS	JAH	JAW	4/26/18	Trenching	Site Work	



NOT TO SCALE

INSTALLATION NOTES

1. ALL ELECTRIC AND PUD COMMUNICATION CONDUIT SHALL BE SCHEDULE 40 PVC. ELECTRIC CONDUIT SWEEPS SHALL BE FACTORY-MADE SCHEDULE 40 PVC. HEATED CONDUIT BENDS ARE NOT ACCEPTABLE.
2. A MAXIMUM OF 180 DEGREES OF ACCUMULATED BENDS SHALL BE ALLOWED IN ANY RUN OF CONDUIT.
3. TRENCH SHALL BE GRADED TRUE AND AS FREE OF ROCKS AS POSSIBLE.
4. INSTALL 6" DEEP SAND BEDDING BEFORE LAYING CONDUIT IN TRENCH. AFTER LAYING THE CONDUIT, DISTRICT PERSONNEL MUST INSPECT THE CONDUIT PRIOR TO PLACING ANY BACKFILL MATERIAL. BACKFILL CONDUITS WITH 12" OF SAND AS SHOWN AND COMPACT THE TRENCH. DISTRICT PERSONNEL MUST RE-INSPECT THE SAND BACKFILLED CONDUIT TRENCH.
5. AFTER THE DISTRICT'S SECOND INSPECTION, INSTALL CLEAN BACKFILL (SCREEN AS REQUIRED) AND COMPACT IN 12" LIFTS. NO ROCKS OVER 3" IN SIZE ARE PERMITTED IN CLEAN BACKFILL.
6. COMPACT ALL BACKFILL MATERIAL TO A MINIMUM OF 90% RELATIVE DENSITY. COMPACTION TESTING AND DOCUMENTATION OF RESULTS TO BE PERFORMED AS REQUESTED BY THE DISTRICT.
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12. CONSTRUCTION OUTSIDE ROADWAY SHOWN. REFER TO STANDARD UT-S4 FOR CONSTRUCTION REQUIREMENTS INSIDE ROADWAY AREAS.

UT-S2.DWG

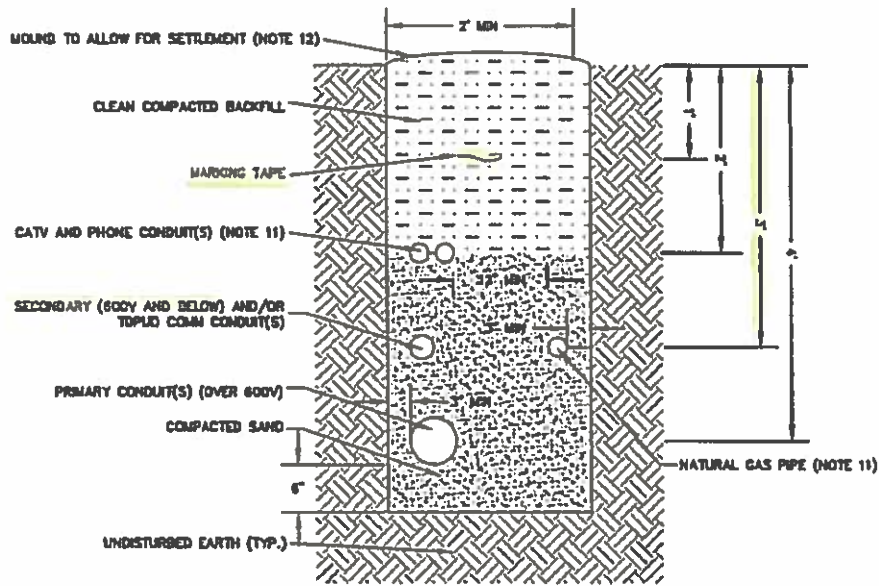


ELECTRIC DEPARTMENT

Joint Trench Construction Details

Primary Electric, Secondary Electric
& Communication Conduits

Drawn	Design	Approved	Date	Category	Voltage	UT-S2
SMS	JAH	JAW	4/26/18	Trenching	Site Work	



NOT TO SCALE

INSTALLATION NOTES

- 1 ALL ELECTRIC AND PUD COMMUNICATION CONDUIT SHALL BE SCHEDULE 40 PVC. ELECTRIC CONDUIT SWEEPS SHALL BE FACTORY-MADE. SCHEDULE 40 PVC HEATED CONDUIT BENDS ARE NOT ACCEPTABLE.
- 2 A MAXIMUM OF 180 DEGREES OF ACCUMULATED BENDS SHALL BE ALLOWED IN ANY RUN OF CONDUIT.
- 3 TRENCH SHALL BE GRADED TRUE AND AS FREE OF ROCKS AS POSSIBLE.
- 4 INSTALL 6" DEEP SAND BEDDING BEFORE LAYING CONDUIT IN TRENCH. AFTER LAYING THE CONDUIT, DISTRICT PERSONNEL MUST INSPECT THE CONDUIT PRIOR TO PLACING ANY BACKFILL MATERIAL. BACKFILL CONDUITS WITH 12" OF SAND AS SHOWN AND COMPACT THE TRENCH. DISTRICT PERSONNEL MUST RE-INSPECT THE SAND BACKFILLED CONDUIT TRENCH.
- 5 AFTER THE DISTRICT'S SECOND INSPECTION, INSTALL CLEAN BACKFILL (SCREEN AS REQUIRED) AND COMPACT IN 12" LIFTS. NO ROCKS OVER 3" IN SIZE ARE PERMITTED IN CLEAN BACKFILL.
- 6 COMPACT ALL BACKFILL MATERIAL TO A MINIMUM OF 90% RELATIVE DENSITY. COMPACTION TESTING AND DOCUMENTATION OF RESULTS TO BE PERFORMED AS REQUESTED BY THE DISTRICT.
- 7 DISTRICT-OWNED WATER SERVICE LATERALS ARE PERMITTED IN JOINT TRENCH WITH MINIMUM 18" HORIZONTAL SEPARATION BETWEEN INSIDE EDGES OF PIPE AND CONDUIT.
- 8 CUSTOMER-OWNED UTILITIES INCLUDING WATER AND SEWER SERVICE LATERALS ARE NOT PERMITTED IN JOINT TRENCH. A MINIMUM SEPARATION OF 3' OF UNDISTURBED EARTH SHALL EXIST BETWEEN INSIDE EDGE OF THE CUSTOMER-OWNED UTILITY TRENCH AND JOINT TRENCH CONTAINING TOPPED ELECTRIC CONDUITS.
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COMMUNICATIONS CONDUIT: 2" C. AND LARGER - 1000 POUNDS, 1" C. - 500 POUNDS
- 11 CATV AND PHONE SHOWN FOR ILLUSTRATION ONLY. CONTACT APPROPRIATE UTILITY FOR SPECIFICATIONS.
- 12 CONSTRUCTION OUTSIDE ROADWAY SHOWN. REFER TO STANDARD UT-S4 FOR CONSTRUCTION REQUIREMENTS INSIDE ROADWAY AREAS.

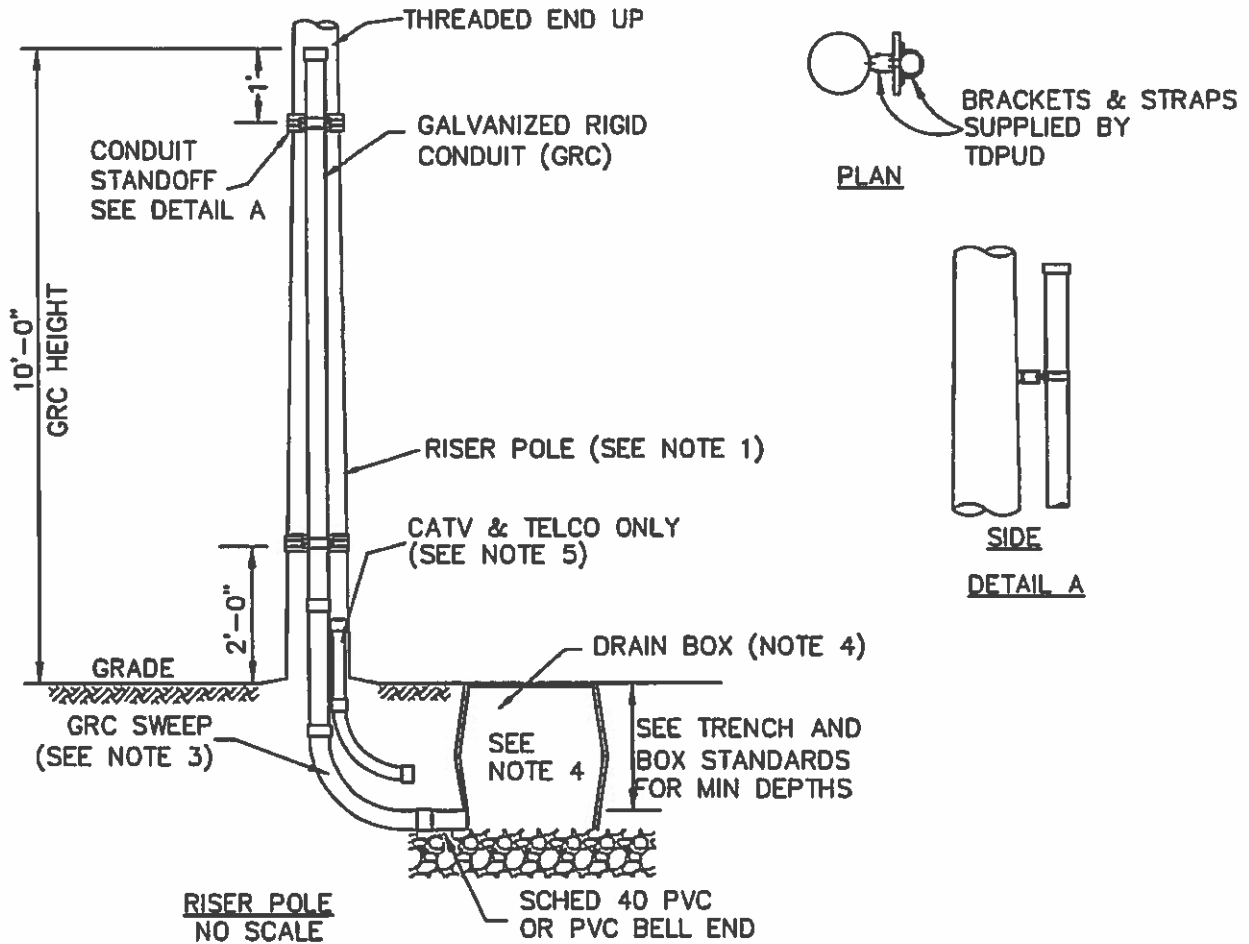
UT-S3.DWG



ELECTRIC DEPARTMENT

Joint Trench Construction Details
Primary Electric, Secondary Electric
Communication Conduit & Natural Gas Pipe

Drawn	Design	Approved	Date	Category	Voltage	UT-S3
SMS	JAH	JAW	4/26/18	Trenching	Site Work	



INSTALLATION NOTES:

1. THE DISTRICT WILL MARK THE RISER LOCATION ON THE POLE.
2. WHEN BOTH PUD COMMUNICATIONS AND ELECTRICAL PRIMARY OR SECONDARY RISERS ARE INSTALLED AT THE SAME RISER LOCATION, ATTACH THE PUD COMMUNICATIONS RISER TO THE BACK SIDE OF THE RISER BRACKETS.
3. MINIMUM RADIUS FOR GALVANIZED RIGID CONDUIT (GRC) SWEEPS:
 PRIMARY (>600V) - 48" RADIUS
 SECONDARY/COMM - 36" RADIUS (24" RADIUS WITH DISTRICT APPROVAL)
4. DRAIN BOX MAY BE REQUIRED FOR RISERS AS DIRECTED BY THE DISTRICT. SEE STANDARDS UBOX-S1A AND UBOX-S2A.
5. TELEPHONE AND CATV ARE SHOWN FOR ILLUSTRATIVE PURPOSES ONLY. CONFIRM DETAILS WITH APPROPRIATE UTILITY.

UR-S.DWG



ELECTRIC DEPARTMENT

Riser Pole Construction

Primary, Secondary, and
PUD Communications Conduit

Drawn	Design	Approved	Date	Category	Voltage	UR-S
SMS	JAH	JAH	5/9/18	Risers	Site Work	

ATTACHMENT C
TRUCKEE DONNER PUBLIC UTILITY DISTRICT
 11570 DONNER PASS RD, TRUCKEE, CA 96161
 (530)587-3896 FAX (530)550-1968

For District Use Only	
Plans	TPP
O/H	U/G

APPLICATION FOR RESIDENTIAL NEW CONSTRUCTION

SERVICE ADDRESS

Street No. & Name Assessor's Parcel Number Unit/lot # Subdivision

SITE & ELEVATION PLANS ARE REQUIRED UPON SUBMITTAL OF THIS APPLICATION

OWNER/ CONTRACTOR NAME _____ Phone # _____ Building Permit # _____

Applicant Name		Phone #			
Date of Birth	Social Security #		Driver's License #		
Mailing Address		City	State	Zip	
E-Mail Address		Cell Phone #			
Checking Account #	Savings Account #	Bank Name/Location			
Employer	Employer Address		Employer Phone #		
Nearest Relative's Name & Address		Relationship	Phone #		
Please indicate: _____ Spouse _____ Co-Tenant _____ Co-Owner					
Applicant Name		Phone #			
Date of Birth	Social Security #		Driver's License #		
Mailing Address		City	State	Zip	
E-Mail Address		Cell Phone #			
Checking Account #	Savings Account #	Bank Name/Location			
Employer	Employer Address		Employer Phone #		
Nearest Relative's Name & Address		Relationship	Phone #		

I hereby request electric and/or water service to the premises described above and agree to pay the applicable rates and abide by the resolutions, ordinances, rules and regulations of the District. I owe no monies to the District either directly or indirectly under the above name or any other name in which arrangements for payment in full have not been made. I agree that the District is not responsible for damage caused by or resulting from conditions or circumstances beyond its control including, but not limited to, storms, lightning, floods, fires, vandalism, discontinuance of power from the District's supplier or wiring or plumbing on the premises not owned by the District or for damage caused by or resulting from disconnection of services for any legal reason.

I understand that I am responsible for all utility bills until such time as I notify the District to discontinue utility service in my name. Upon termination of service, the District will return any deposit less the amount of any charge remaining unpaid. In the event that collection proceedings are commenced to collect any unpaid charges, I agree to pay all court costs and a fair and reasonable attorney's fee. The District reserves the right to refuse service or to discontinue service to any customer if all of the above conditions are not accepted and required information is not furnished; if the customer misrepresents the conditions for which service is being requested; or if it is learned at any time that the transfer of service has been requested in order to avoid payment of outstanding charges on the above account.

Important: At any time when freezing weather may occur, all water pipes and appliances should be drained to prevent damage to your property. The District accepts no liability for such damages when its service to your property has been disconnected for any legal reason.

DATE _____ AUTHORIZED BY _____ Title _____

ELECTRIC FEES:	CONNECTION	FACILITIES	OTHER	PANEL AMPS	WORK ORDER	DATE PAID
WATER FEES:	CONNECTION	FACILITIES	OTHER	METER SIZE	WORK ORDER	DATE PAID