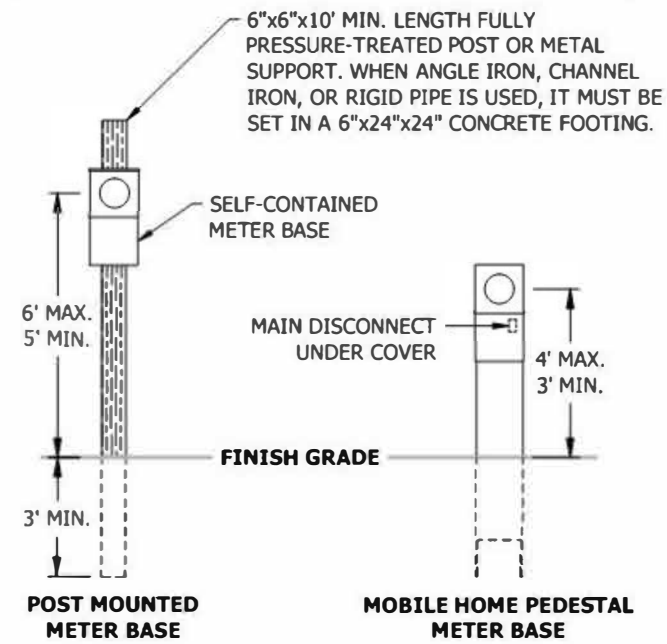
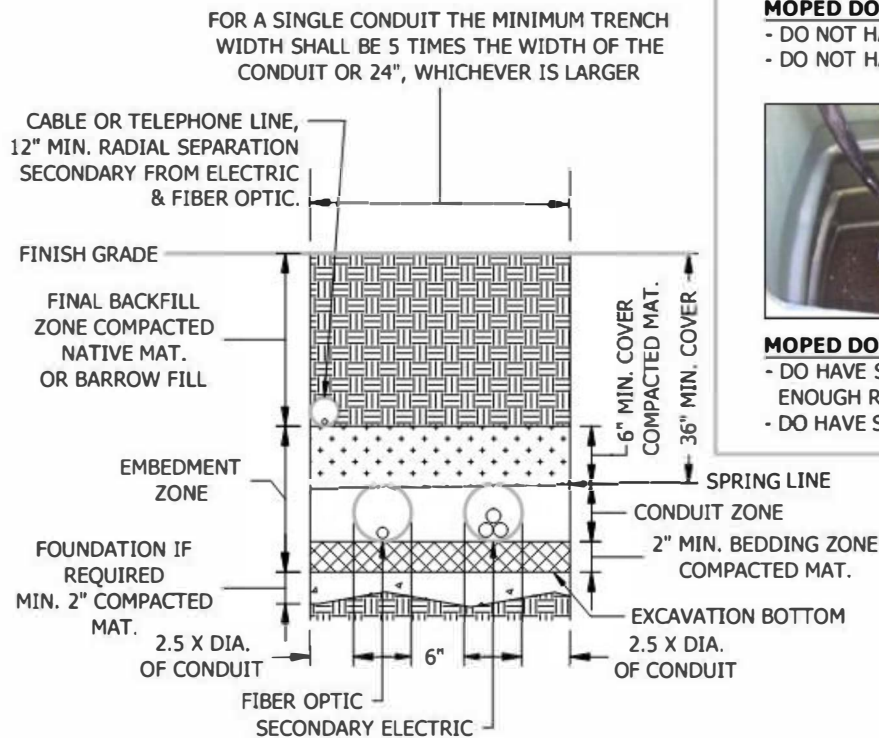


OTHER METER BASE INSTALLATION OPTIONS



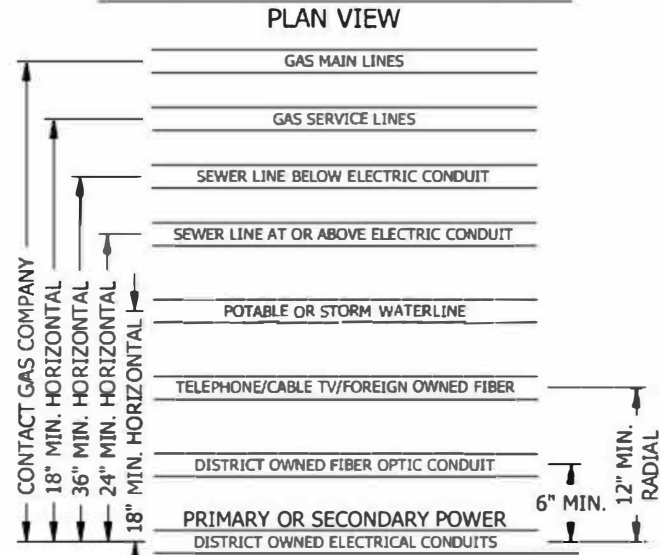
- NOTES:**
- METER BASE MUST BE GROUNDED IN ACCORDANCE WITH NEC AND WAC RULES.
 - NO OBSTRUCTIONS ARE ALLOWED WITHIN 3' OF THE METER BASE.

TYPICAL TRENCH CONSTRUCTION SECTION VIEW



NOTE: - ALL TRENCHING, TRENCH LOCATION IN REFERENCE TO OTHER UTILITIES, CONDUIT LOCATION WITHIN THE TRENCH, BACKFILL AND COMPACTION OF BACKFILL SHALL BE IN ACCORDANCE WITH ASTM INTERNATIONAL STANDARDS.
- FOR FULL TRENCH DETAIL REFER TO 'STANDARD 10.0008: TRENCH CONSTRUCTION, PVC CONDUIT' LOCATED IN THE APPENDIX OF THE RESIDENTIAL SERVICE WORKBOOK.

SEPARATION TO OTHER UTILITIES



- NOTES:**
- ALL CONDUIT SEPARATIONS ARE OUTER WALL TO OUTER WALL.
 - 12" OF VERTICAL SEPARATION MUST BE KEPT AT ALL TIMES WHEN CROSSING ABOVE OR BELOW ANY OTHER UTILITY.



- MOPED DONT'S:**
- DO NOT HAVE SWEEP GOING INTO THE MOPED AT AN ANGLE.
 - DO NOT HAVE SWEEP LAYING AT AN ANGLE IN THE TRENCH



- MOPED DO'S:**
- DO HAVE SWEEP GOING INTO THE MOPED VERTICALLY. LEAVING ENOUGH ROOM ABOVE THE SWEEP TO MANEUVER THE WIRES.
 - DO HAVE SWEEP STICKING UP VERTICALLY IN THE TRENCH.

UNDERGROUND LOCATES COLOR CODE

- AREA TO BE LOCATED (WHITE)
- SURVEY MARKINGS
- ELECTRICAL
- GAS, OIL, STEAM, OR FUEL
- TELEPHONE, CABLE TV, OR FIBER OPTIC
- POTABLE WATER
- IRRIGATION, RECLAIMED WATER, OR SLURRY
- SEWER OR DRAIN



UNDERGROUND

RESIDENTIAL SERVICES

- PROVIDED AND INSTALLED BY UTILITY
- PROVIDED AND INSTALLED BY CUSTOMER
(OWNED BY UTILITY AFTER SERVICE IS ENERGIZED)
- PROVIDED, INSTALLED, AND OWNED BY CUSTOMER

METER BASE AND SERVICE CONDUCTORS
METER BASE AND SERVICE CONDUCTORS FROM THE MOPED TO THE METER BASE MUST BE PROVIDED AND INSTALLED BY THE CUSTOMER. THE METER BASE MUST BE A UTILITY APPROVED METER BASE.

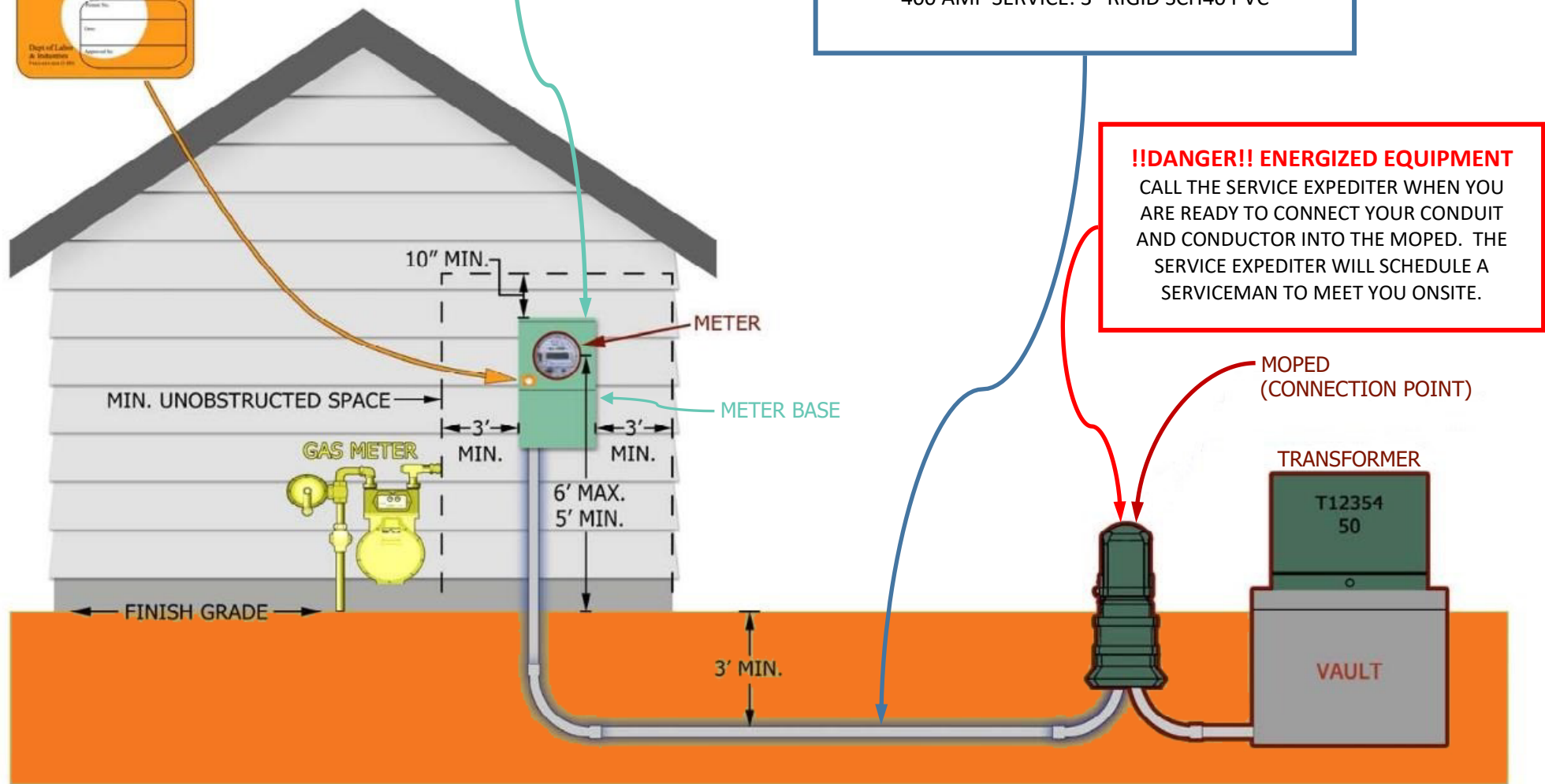
REQUIRED CONDUCTOR SIZE
200 AMP SERVICE: 4/0 AL TRIPLEX
400 AMP SERVICE: 350 AL TRIPLEX

SERVICE CONDUIT & INSTALLATION
CONDUIT AND SWEEPS (24" RADIUS MINIMUM) FROM THE MOPED TO THE METER BASE WILL BE PROVIDED AND INSTALLED BY THE CUSTOMER. A MAXIMUM OF (3) 90-DEGREE SWEEPS IS ALLOWED BETWEEN THE METER AND THE CONNECTION POINT. THE TOTAL OF ALL SWEEPS MUST BE 270-DEGREES OR LESS.

IT IS THE CUSTOMERS RESPONSIBILITY TO TRENCH, SAND BED (IF NEEDED), INSTALL CONDUIT, AND BACKFILL. GRANT PUD MUST INSPECT AND APPROVE THE CONDUIT INSTALLATION PRIOR TO BACKFILL. CALL THE SERVICE EXPEDITER (509-766-2501) WHEN YOU ARE READY TO HAVE THE CONDUIT INSPECTED.

REQUIRED CONDUIT SHALL BE GRAY
200 AMP SERVICE: 2" RIGID SCH40 PVC
400 AMP SERVICE: 3" RIGID SCH40 PVC

!!DANGER!! ENERGIZED EQUIPMENT
CALL THE SERVICE EXPEDITER WHEN YOU ARE READY TO CONNECT YOUR CONDUIT AND CONDUCTOR INTO THE MOPED. THE SERVICE EXPEDITER WILL SCHEDULE A SERVICEMAN TO MEET YOU ONSITE.



UNDERGROUND SERVICE DETAIL

1 FILL OUT AN APPLICATION

An application or Service Connection Agreement can be obtained online at grantpud.org/services or at any Grant PUD office. Return your completed application to the Service Expediter (509-766-2501). The Expediter's contact information is on the top of the application.

2 MEET ONSITE

The Service Expediter will contact you to schedule an onsite appointment with a Customer Engineer to talk in depth about your project.

After you have met with a Customer Engineer, the utility will design your new service and send you a cost quote. The utility will also produce (if needed) any easements and/or right-of-way documents required for your project.

3 GET AN L&I PERMIT

Acquire an electrical installation permit from Washington State Department of Labor and Industries (L&I): (509)764-6900.

4 PAY & RETURN DOCUMENTS

The utility will construct its services up to the "connection point" after the cost quote has been paid in full and the required easements (if any) have been returned. For underground services, the connection point is typically at the moped or transformer.

5 INSTALL YOUR EQUIPMENT

Two(2) business days prior to any excavation, call '811' to have any existing underground utilities located and marked. After the locates have been completed, install your electrical equipment up to the connection point. This includes your meter base, service conduit, and service wires to the connection point.

When all of the electrical equipment has been installed, call the state electrical inspector (L&I at 509-764-6900) to schedule an inspection.

6 GET ENERGIZED

After all construction and installation has been inspected and approved, the cost quote paid in full, and right-of-way cleared, please contact the Service Expediter(509-766-2501) to schedule a Serviceman to energize your service. Please have your L&I permit number available.