

NOTES:

1. INSTALL SERVICE LINE PERPENDICULAR TO MAIN UNLESS OTHERWISE SHOWN ON WATER CONSTRUCTION PLAN.
2. IF METER IS NOT INSTALLED IN COPPERSETTER, INSTALL A PVC NIPPLE BETWEEN METER CONNECTIONS. IF CONNECTION IS NOT MADE TO CUSTOMER'S PLUMBING, INSTALL CAP(#12) OR A WATERTIGHT WRAP OF ELECTRICAL TAPE OVER END OF ADAPTER(#22).
3. SUPPORT LINESETTERS WITH 1'6" TO 2' OF ROD OR PIPE THROUGH EACH EYELET. SET COPPERSETTER FLUSH, PLUMB AND CENTERED IN VAULT/BOX. LOCK BYPASS WITH P.U.D.-ISSUED PADLOCK.
4. PUD OWNERSHIP ENDS AT THE METER AND METER BOX. WATER SERVICES TO BE CONNECTED TO AN ACTIVE WATERLINE ARE REQUIRED TO BE INSTALLED BY PUD. WATER SERVICES INSTALLED WITH A NEW WATERLINE OR WATERLINE EXTENSION WILL BE PERFORMED BY THE CONTRACTOR/DEVELOPER PRIOR TO CONNECTION OF THE NEW WATERLINE TO THE PUD SYSTEM. THE PUD IS REQUIRED TO SET ALL METERS. IF A NEW WATER SERVICE IS INSTALLED BY THE PUD, PUD WILL INCLUDE THE PRIVATE SHUT-OFF VALVE AFTER THE METER. AFTER INSTALLATION THE OWNER IS RESPONSIBLE FOR ALL FUTURE MAINTENANCE, REPAIR AND REPLACEMENT OF THE PRIVATE SHUT-OFF VALVE.
5. FLUSH OUT SERVICE TUBING AND COPPERSETTER BEFORE INSTALLING METER. DO NOT ALLOW MUD OR FOREIGN MATERIAL TO ENTER ANY TUBING OR FITTINGS.
6. SET VALVE CASING AND VAULT/BOX TO FINISH GRADE. DO NOT REST CASING OR VAULT ON NIPPLES OR PIPE. PLACE 6 INCHES OF 3/4" MINUS CRUSHED GRAVEL, COMPACTED TO 95%, UNDER CONCRETE VAULTS. SUPPORT VALVE CASING WITH 0.2 SQ.FT. OF CONCRETE ON EACH SIDE OF VALVE. SUPPORT 2" VALVE WITH MIN. OF 1 SQ.FT. OF CONCRETE BLOCK ON UNDISTURBED GROUND OR COMPACTED 3/4" CRUSHED GRAVEL.
7. A CONCRETE UTILITY VAULT WILL BE REQUIRED.
8. IF THERE IS PETROLEUM-BASED CONTAMINATED SOIL PRESENT, THE SERVICE PIPELINE SHALL BE OF TYPE K COPPER WITH BRASS AND COPPER FITTINGS.
9. METER SENSING PAD TO BE LOCATED IN STEEL LID OF UTILITY VAULT WITHIN SIX INCHES OF HINGE NEAR THE STREET END.
10. SEAL VAULT LIDS AND SEGMENTS WITH 1-1/2"x1" JOINT MASTIC.
11. DRAIN VAULT TO DAYLIGHT WHERE POSSIBLE WITH MINIMUM 3" DRAIN PIPE. (TO BE DETERMINED IN FIELD BY P.U.D. REPRESENTATIVE.)
12. NON-SHRINK GROUT OR FOAM AROUND PIPE PENETRATIONS THROUGH VAULT WALL TO ELIMINATE GROUNDWATER FLOODING VAULT.
13. BACKFLOW PROTECTION AT THE SERVICE CONNECTION IS REQUIRED FOR NON-RESIDENTIAL, AGRICULTURAL, AND IRRIGATION USES, ON LARGE SIZED PROPERTIES, PROPERTIES WITH EXITING WELLS AND BOOSTER/SEWAGE PUMPS, AND IN OTHER SITUATIONS AS DESCRIBED IN THE DISTRICT'S CROSS CONNECTION CONTROL MANUAL.



PUD NO. 1 OF SKAGIT COUNTY ENGINEERING MANAGER

APPROVED ON:                     SEPTEMBER 9                    , 2022



**STANDARD INSTALLATION OF  
2" METERED SERVICE  
WITH 200 P.S.I. REHAU  
SERVICE LINE WITH 5/8", 3/4", OR 1" DEDUCT METER**

SHEET 2/2

SCALE: 1" = 2'
DATE: 3/25/05
REVISED: 12/8/22
DRAWN BY: JLB
APPROVED BY: MCH

**STANDARD  
  
WS2-2b**