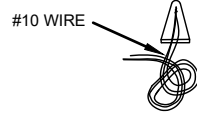
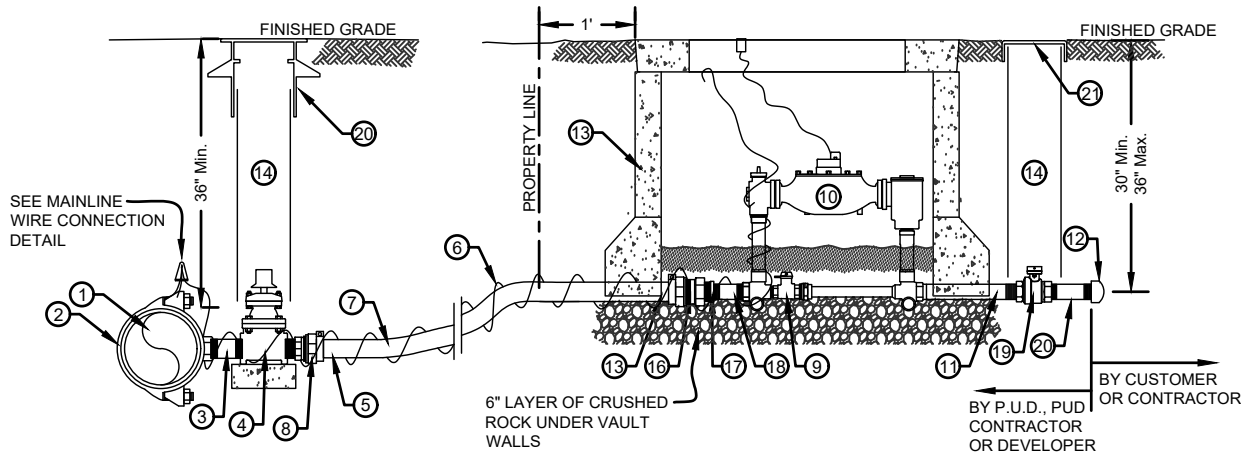


BILL OF MATERIALS

| NO. | NOMENCLATURE | REQ'D | NO. | NOMENCLATURE | REQ'D |
|-----|---|-------|-----|--|-------|
| 1. | WATER MAIN | | 11. | NIPPLE, BRASS 1-1/2"x12" | 1 |
| 2. | CLAMP, SERVICE, DOUBLE STRAP x 2" I.P.T., ALL BRASS,(FORD #202B) ^a | 1 | 12. | CAP, 1-1/2" GALVANIZED | 1 |
| 3. | NIPPLE, BRASS 2"x4" | 1 | 13. | VAULT, OLDCASTLE 3642-LA W/COVER 3642-2436F | 1 |
| 4. | VALVE, 2" DUCTILE IRON, RESILIENT WEDGE, I.P.T.x I.P.T. | 1 | 14. | CASING, 6" PVC SEWER PIPE | |
| 5. | INSERT, STIFFENER, 1-1/2" (FORD #74) ^a | 2 | 15. | VALVE BOX, CAST IRON OLYMPIC FOUNDRY VB-007-SKAGIT(SEE P.U.D. DETAIL) | 1 |
| 6. | WIRE, #10 SOLID COPPER, BLUE COATED, EXTEND MIN. 18" INTO BOX, NEAR LID | | 16. | ADAPTER, BRASS PAK JOINT, 2" F.I.P.T. x 2" COP (FORD #C14-77-NL) ^a ^b | 1 |
| 7. | PIPE, 2" REHAU MUNICIPEX TYPE A 200 P.S.I. | | 17. | BUSHING, BRASS 2" M.I.P.T.x 1-1/2" F.I.P.T. | 1 |
| 8. | BRASS PAC JOINT, 2" M.I.P.T. x 2" COP (FORD #C84-77-NL) ^a | 2 | 18. | NIPPLE, BRASS 1-1/2"x4" | 1 |
| 9. | COPPERSETTER, 1-1/2", (FORD #VBHH76-12B-11-66-NL FP) | 1 | 19. | BALL VALVE, BRASS 1-1/2" (FORD B11-666-NL) ^a | 1 |
| 10. | METER, BADGER, MODEL M120 1-1/2" BRONZE METER(BY PUD) | 1 | 20. | NIPPLE, BRASS 1-1/2"x6" | 1 |
| | | | 21. | 6" PVC CAP | 1 |

^a OR EQUIVALENT APPROVED BY THE DISTRICT
^b ELL, 90° STREET, 1" M X F.I.P.T. (IF NEEDED)

ALL BRASS FITTINGS TO BE LEAD FREE DOMESTIC BRASS



MAINLINE WIRE CONNECTION DETAIL
 NTS

NOTE: ALL THREE WIRES ARE TO BE TIED TOGETHER IN AN OVERHAND KNOT APPROXIMATELY 6" FROM WIRE NUT. BARE 5/8" OF WIRES. CONNECT WITH #62325 KING WATERPROOF WIRE CONNECTOR.^a

NOTES

- CORP TO BE IN FULL OPEN POSITION BEFORE BACKFILL.
- INSTALL SERVICE LINE PERPENDICULAR TO MAIN UNLESS OTHERWISE SHOWN ON WATER CONSTRUCTION PLAN.
- SERVICE LINE IS TYPICALLY 1'6" TO NORTH OR WEST OF PROPERTY CORNER OR AS OTHERWISE SPECIFIED.
- 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.
- 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). SET COPPERSETTER FLUSH, PLUMB AND CENTERED IN BOX.
- FLUSH OUT SERVICE TUBING AND COPPERSETTER BEFORE INSTALLING METER. DO NOT ALLOW MUD OR FOREIGN MATERIAL TO ENTER ANY TUBING OR FITTINGS.
- FILL BOX WITH FINE DIRT TO TOP OF METER.
- A CONCRETE UTILITY VAULT WILL BE REQUIRED.
- IF THERE IS PETROLEUM-BASED CONTAMINATED SOIL PRESENT, THE SERVICE PIPELINE SHALL BE OF TYPE K COPPER WITH BRASS AND COPPER FITTINGS.
- IF SERVICE LINE HAS LESS THAN 2'0" OF COVER, CONTACT DISTRICT ENGINEERING DEPARTMENT FOR FREEZE PROTECTION REQUIREMENTS.
- 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: OCTOBER 7 , 2024



**STANDARD INSTALLATION OF
 1-1/2" METERED SERVICE
 WITH 200 P.S.I. REHAU
 SERVICE LINE**

| |
|------------------|
| SCALE: 1" = 2' |
| DATE: 3/01/05 |
| REVISED: 10/7/24 |
| DRAWN BY: JLB |
| APPROVED BY: MCH |

STANDARD

WS1.5-1