

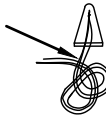
BILL OF MATERIALS

NO.	NOMENCLATURE	REQ'D	NO.	NOMENCLATURE	REQ'D
1.	WATER MAIN		12.	PRV, WILKENS 600HR, SC, 1" "HIGH RANGE PRV"	1
2.	CLAMP, SERVICE, DOUBLE STRAP x 2" I.P.T., ALL BRASS, (FORD #202B) ^a	1	13.	COPPERSETTER, 1"(FORD #VBHC74-12W-11-44-NL FP) W/1" DBL PURPOSE UNION SWIVELS ^a	1
3.	NIPPLE, BRASS, 2" x 4"	2	14.	METER, BADGER MODEL M70 1" BRONZE METER(BY PUD)	1
4.	VALVE, 2" DUCTILE IRON, RESILIENT WEDGE, I.P.T. x I.P.T.	1	15.	NIPPLE, BRASS 1" x 12"	1
5.	REDUCER, BRASS, 2" x 1"	1	16.	BALL VALVE, BRASS 1"(FORD B11-444-NL) ^a	1
6.	ADAPTER, BRASS PAC JOINT, 1" M.I.P.T. x 1" COP (FORD #C84-44-NL) ^{a,b}	2	17.	NIPPLE, BRASS 1" x 6"	1
7.	INSERT, STIFFENER, 3/4" (FORD #71) ^a	2	18.	ADAPTER, BRASS, 1" F.I.P.T. x 1" INSERT	1
8.	PIPE, 1" REHAU MUNICIPEX TYPE A, 200 P.S.I.		19.	METER BOX & COVER, CARSON 1730-15 W/COVER 1730-3L ^a	1
9.	WIRE, #10 SOLID COPPER, BLUE COATED, EXTEND MIN. 18" INTO BOX, NEAR LID		20.	CASING, 6" PVC SEWER PIPE	
10.	CURB STOP, 1" BRASS, (FORD B11-444-NL)	1	21.	VALVE BOX, CAST IRON OLYMPIC FOUNDRY VB-007-SKAGIT(SEE PUD DETAIL)	1
11.	NIPPLE, BRASS 1" x 4"	2	22.	6" PVC CAP	1

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

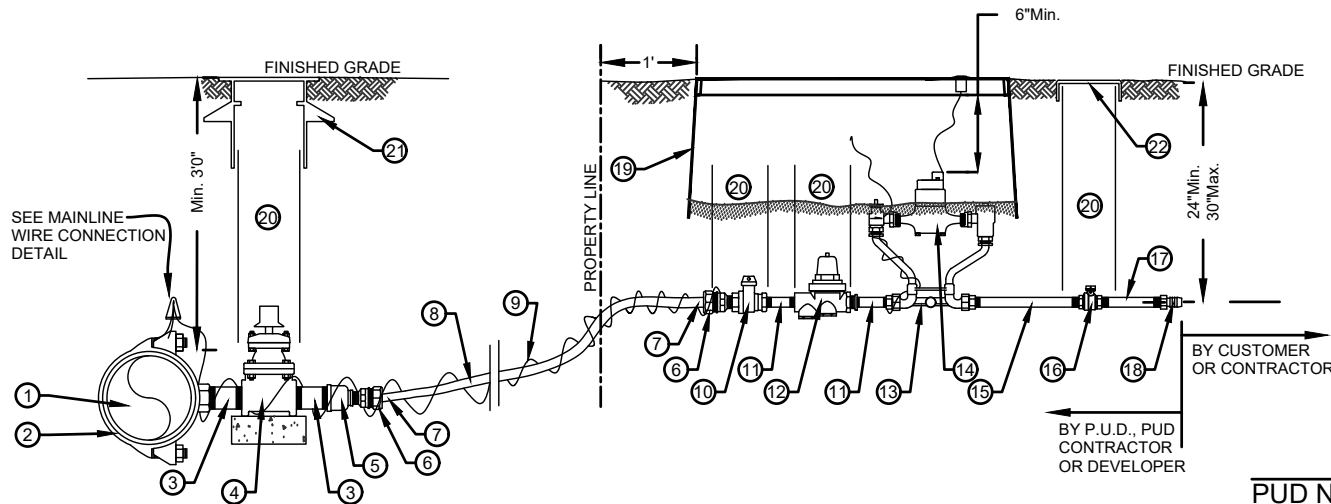
ALL BRASS FITTINGS TO BE LEAD FREE DOMESTIC BRASS

#10 WIRE



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

- INSTALL SERVICE LINE PERPENDICULAR TO MAIN UNLESS OTHERWISE SHOWN ON WATER CONSTRUCTION PLAN.
- IF METER IS NOT INSTALLED IN COPPERSETTER, INSTALL A PVC NIPPLE BETWEEN METER CONNECTIONS AND A TIGHT WRAP OF PLASTIC (ELECTRICAL) TAPE OVER END OF ADAPTER(#18). MAKE WATER TIGHT.
- SET COPPERSETTER FLUSH, PLUMB AND CENTERED IN BOX.
- 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.
- FLUSH OUT SERVICE TUBING AND COPPERSETTER BEFORE INSTALLING METER. DO NOT ALLOW MUD OR FOREIGN MATERIAL TO ENTER ANY TUBING OR FITTINGS.
- SET VALVE CASING AND VAULT/BOX TO FINISH GRADE. DO NOT REST CASING OR VAULT ON NIPPLES OR PIPE. PLACE 3 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.
- IF METER IS LOCATED IN ASPHALT OR CONCRETE AREA, A CONCRETE VAULT (OLDCASTLE 3642-LA W/COVER) WILL BE REQUIRED. NOT FOR THROUGH-WAY TRAFFIC APPLICATIONS.
- IF THERE IS PETROLEUM-BASED CONTAMINATED SOIL PRESENT, THE SERVICE PIPELINE SHALL BE OF TYPE K COPPER WITH BRASS AND COPPER FITTINGS.
- METER SENSING PAD TO BE LOCATED IN STEEL LID OF UTILIT VAULT WITHIN 6 INCHES OF HINGE NEAR THE STREET END. IN A CARSON INDUSTRIES BOX PAD IS TO BE LOCATED AT THE STREET END OF BOX.
- SET PRV TO 125 PSI.
- 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.

[Signature]
 PUD NO. 1 OF SKAGIT COUNTY ENGINEERING MANAGER

APPROVED ON: OCTOBER 7 , 2024



**STANDARD INSTALLATION OF
 1" METERED SERVICE WITH 200 P.S.I.
 REHAU SERVICE LINE OFF HIGH PRESSURE MAIN
 LINE GREATER THAN 150 P.S.I./ TRANSMISSION LINE**

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

STANDARD

WS1-3