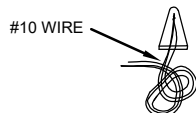


BILL OF MATERIALS					
NO.	NOMENCLATURE	REQ'D	NO.	NOMENCLATURE	REQ'D
1.	WATER MAIN		12.	PRV, WILKENS 600HR, SC, 1" "HIGH RANGE PRV"	1
2.	CLAMP, SERVICE, DOUBLE STRAP x 2" I.P.T., ALL BRASS, (FORD #202B) ^a	1	13.	COPPERSETTER, 1"(FORD #VBHC74-12W-11-44-NL FP) W/1" DBL PURPOSE UNION SWIVELS ^a	1
3.	NIPPLE, 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 B11-444R-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)	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

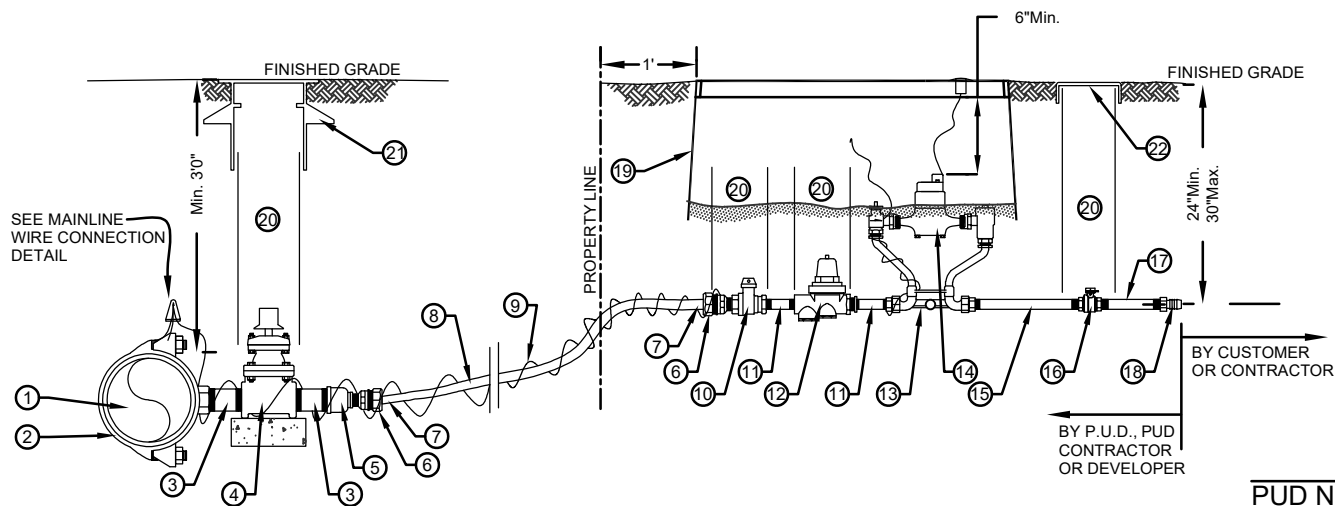
^a OR EQUIVALENT APPROVED BY THE DISTRICT
^b ELL, 90° STREET, 1" M X F.I.P.T. (IF NEEDED)

ALL BRASS FITTINGS TO BE LEAD FREE DOMESTIC BRASS



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

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 AND A TIGHT WRAP OF PLASTIC (ELECTRICAL) TAPE OVER END OF ADAPTER(#18). MAKE WATER TIGHT.
3. SET COPPERSETTER FLUSH, PLUMB AND CENTERED IN BOX.
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 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.
7. 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.
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 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.
10. SET PRV TO 125 PSI.
11. 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.

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

APPROVED ON: _____ SEPTEMBER 9 _____, 2022



**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: 12/7/22
DRAWN BY: KAN
APPROVED BY: MCH

STANDARD
WS1-3