

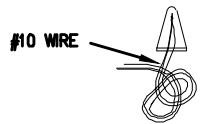
**BILL OF MATERIALS**

NO.	NOMENCLATURE	REQ'D.	NO.	NOMENCLATURE	REQ'D.
1	WATER MAIN		11	CASING, 6" P.V.C. SEWER PIPE	1
2	CLAMP, SERVICE, DOUBLE STRAP X 2" I.P.T., ALL BRASS, (FORD #202B)	1	12	UTILITY VAULT 3642-LA W/2436P LOCKING STEEL COVER	1
3	VALVE, 2" BALL, BRASS, IPTxIPT (FORD #BF13-777W) <sup>d</sup>	1	13	VALVE BOX, CAST IRON OLYMPIC FOUNDRY VB-007-SKAGIT (SEE P.U.D. DETAIL)	1
4	NIPPLE, BRASS 2X4	1-2	14	VALVE, 2" COMBINATION AIR (APCO 145C.2 SERIES) W/SST TRIM	1
5	VALVE, 2" DUCTILE IRON, RESILIENT WEDGE	1	15	NIPPLE, BRASS, 2" X CLOSE	3
6	WIRE, #10 SOLID COPPER, BLUE COATED, EXTEND MIN. 18" INTO BOX, NEAR LID		16	ADAPTER, BRASS PAK JOINT, 2" M.I.P.T. X PVC (FORD #C87-77) <sup>d</sup>	4-7
7	PIPE, 2" P.V.C., SCH. 80 (LENGTHS AS REQUIRED)		17	BEND, 2" COPPER, 180°, WITH INSECT SCREEN	
8	ELL, 2" BRASS, 90°, STREET	4	18	POST, 4"-Ø MIN. METAL FENCE POST W/SPADE REMOVED	1
9	ELL, 2" BRASS, 90°	2	19	HOSE CLAMP, 2", STAINLESS STEEL	2
10	UNION, 2" BRASS	1			

<sup>d</sup> OR EQUIVALENT APPROVED BY THE DISTRICT  
 ALL BRASS FITTINGS TO BE LEAD FREE DOMESTIC BRASS PER UNITED STATES BILL S.3874.

**NOTES:**

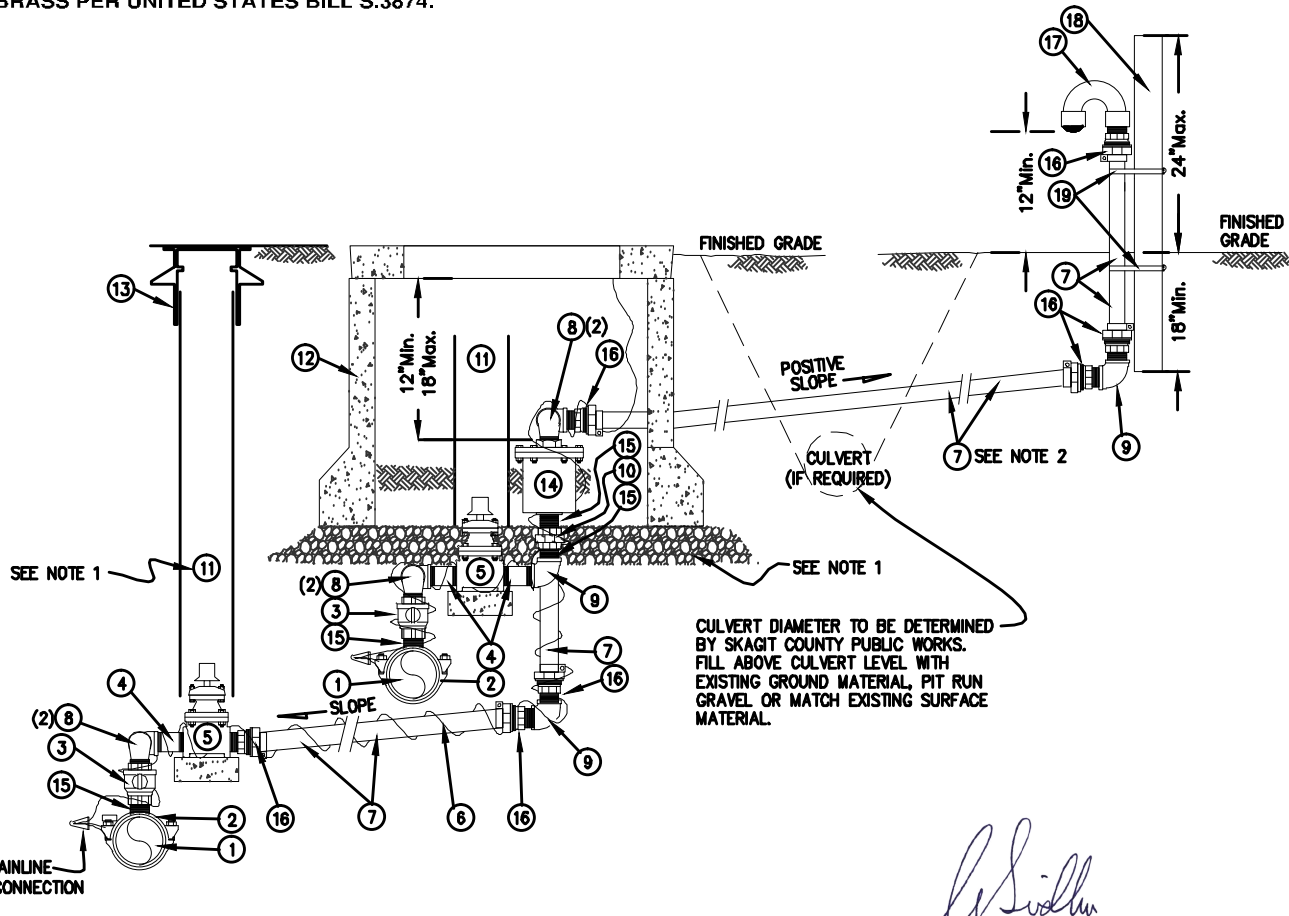
1. SET VALVE CASING AND VAULT/BOX TO FINISH GRADE. DO NOT REST CASING OR VAULT ON NIPPLES OR PIPE. PLACE 6 INCHES OF 3/4" MINUS CRUSHED GRAVEL, COMPACTED TO 95%, UNDER CONCRETE VAULTS. SUPPORT VALVE CASING WITH 0.2 SQ.FT. OF CONCRETE ON EACH SIDE OF VALVE. SUPPORT 2" VALVE WITH MIN. OF 1 SQ.FT. OF CONCRETE BLOCK ON UNDISTURBED GROUND OR COMPACTED 3/4" CRUSHED GRAVEL.
2. INSTALL LINE PERPENDICULAR TO MAIN OR AS SHOWN ON WATER PLAN.
3. IF THERE IS A GROUND DEPRESSION OR DITCH BETWEEN AIR VALVE LOCATION AND VENT PIPE WHICH AFFECTS THE SLOPE OF THE HORIZONTAL VENT PIPE, INSTALL A CULVERT IF IT IS A DRAINAGE PATH OR FILL WITH DIRT.



**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 #82325 KING WATERPROOF WIRE CONNECTOR. <sup>d</sup>

SEE MAINLINE WIRE CONNECTION DETAIL



  
 PUD NO. 1 OF SKAGIT COUNTY ENGINEERING MANAGER  
 APPROVED ON: \_\_\_\_\_ MAY 21 \_\_\_\_\_, 2014



**STANDARD INSTALLATION OF  
 2" COMBINATION AIR  
 VALVE ASSEMBLY**

SCALE: 1" = 2'
DATE: 3-25-05
REVISED: 5/21/14
DRAWN BY: CAS
APPROVED BY: GJS

**STANDARD  
 WV2-1**