



NOTES:

1. CONTRACTOR TO PROVIDE SITE SPECIFIC SHOP DRAWING FOR CITY ENGINEER APPROVAL PRIOR TO ANY CONSTRUCTION OF THIS ITEM.
2. REFER TO CITY STANDARD DETAIL W-430 FOR INSTALLATION REQUIREMENTS THAT APPLY TO ALL BACKFLOW PREVENTION ASSEMBLIES.
3. HATCH DRAINS TO BE PLUMBED TO DAYLIGHT OR STORM DRAIN AS DIRECTED BY THE CITY INSPECTOR.
4. KNOCKOUTS NOT ALLOWED IN VAULT, CORE SAW ONLY.
5. LINK SEALS TO BE USED FOR ALL VAULT PENETRATIONS.
6. PIPE STANDS TO BE STANDON S76 OR EQUIVALENT FLANGE STYLE STANDS, EITHER GALVANIZED OR MADE OF STAINLESS STEEL.
7. VAULT SHALL BE EQUIPPED WITH A LEAK PROOF, GASKETED, DOUBLE RAISE, ALUMINUM, AASHTO H20 RATED, HYDRAULIC ASSIST, LOCKING HATCH, MIN. 36" x 60", LOCKING OPEN 90°.
8. VAULT SHALL BE PRECAST CONCRETE, SIZED TO MEET THE CLEARANCE REQUIREMENTS SHOWN IN THE DETAIL.
9. VAULT SHALL GAVITY DRAIN TO DAYLIGHT OR A STORM DRAIN. IF THIS IS NOT POSSIBLE, A ¼ HP MINIMUM SUMP PUMP SHALL BE INSTALLED IN THE SUMP PIT OF THE VAULT AND SHALL DISCHARGE TO DAYLIGHT OR A STORM DRAIN. SAID PUMP SHALL AUTOMATICALLY PROTECT THE VAULT FROM FLOODING AT ALL TIMES.
10. ALL TESTING, FLUSHING, & CHLORINATION SHALL BE PERFORMED PRIOR TO INSTALLATION OF THE BACKFLOW DEVICE.
11. TAMPER SWITCH REQUIRED WHEN SPECIFIED BY FIRE MARSHAL.
12. WATER METER SHALL INCLUDE A TOUCH READ PIT MODULE PLACED IN BROOKS 37 T BOX ON STREET SIDE.



DOUBLE CHECK ASSEMBLY, LARGE, BELOW GROUND

STANDARD PLAN: W - 320	CITY ENGINEER APPROVAL:
DATE: FEB. 2007	Longview: C.B. Kelso: S.Z.