



NOTES:

1. CONNECT VAULT DRAIN TO CLOSED STORM SYSTEM, DAYLIGHT AT APPROVED LOCATION OR INSTALL HYDROMATIC PUMP (GC SYSTEMS MODEL #996633-51-2 W/ FLOAT SWITCH, OR APPROVED EQUAL, DOH APPROVED BACKFLOW PREVENTION DEVICE REQUIRED). PUMP DISCHARGE MUST DRAIN TO A CATCH BASIN OR OTHER APPROVED LOCATION, SEE SHEET 3 OF W18 FOR MORE INFORMATION ON PUMP DISCHARGE.
2. THE VAULT SHALL BE A PRECAST CONCRETE VAULT SIZED TO MEET ALL CLEARANCE REQUIREMENTS.
3. REMOVABLE DOORS SHALL BE A MINIMUM OF 6'-0" X 3'-0" DIAMOND PLATE HINGED LOCKING DOORS, WITH HINGES LOCATED AT EACH END OF OPENING. DOORS SHALL BE SPRING LOADED WITH OPEN POSITION LOCK. IN TRAFFIC AREAS, USE ROUND SOLID ALLUMINUM LOCK LIDS (30-INCH MINIMUM RADIUS AND MAXIMUM 16-INCH RISER SECTION).
4. A GALVANIZED STEEL OR ALUMINUM LADDER SHALL BE SET INSIDE THE VAULT FOR ACCESS INTO THE VAULT. IT SHALL BE SECURED TO THE VAULT WITH 1/2" DIA BOLTS EPOXIED TO THE VAULT LID AND FLOOR.
5. A BILCO LADDER SAFETY POST MODEL #2 SHALL BE ATTACHED TO THE LADDER STEPS.
6. ALL VAULT PENETRATIONS SHALL BE SEALED WITH NON-SHRINK GROUT
7. COAT INTERIOR WALLS, DI PIPE, FITTINGS AND STEEL FASTENERS W/ POLYIMIDE EPOXY PAINT, 2 COATS AT 5 DRY MILS EACH. COLORS: OFF WHITE FOR WALLS, LIGHT BLUE FOR PIPE. PIPE SHALL BE EMPTY DURING COATING.
8. COAT VAULT EXTERIOR WITH 20 MIL COAL TAR EPOXY.

Approved:

City Engineer

June 17, 2005

Date

WATER STANDARD DETAIL



Dwg No:

W9

**WATER SYSTEM
VAULT**