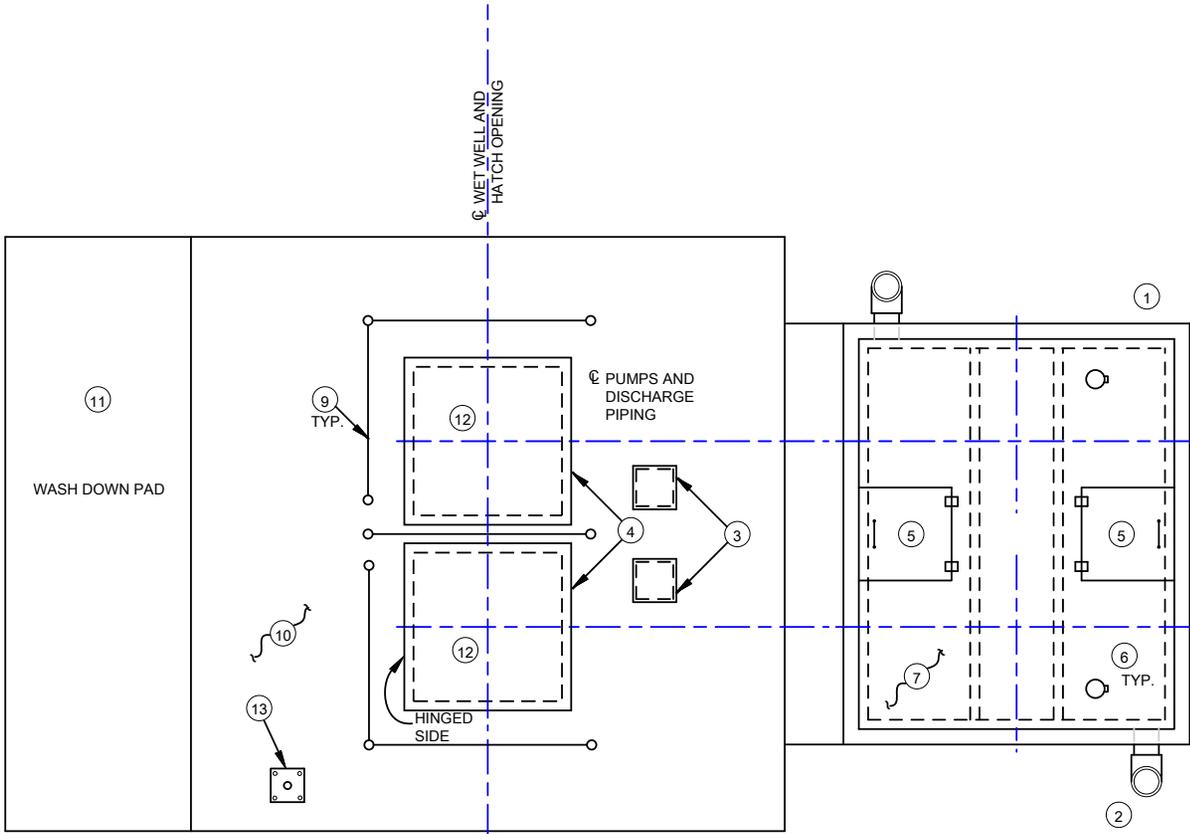


**MATERIAL AND EQUIPMENT LIST**

1. VALVE VAULT, ASSOCIATED CONCRETE PRECAST OR BROOKS PRODUCTS CONCRETE VAULT WITH ALUMINUM PARKWAY COVER AND CONCRETE BOTTOM, WITH BREAKOUT SUMP.
2. 8" VENT. PVC SCHEDULE 40 WITH 10 ROWS OF 12 EQUALLY SPACED 1" DIAMETER DRILLED HOLES (120 TOTAL) AND SOLVENT WELDED CAP (FLAT PLATE) ON TOP.
3. 12" SQUARE OPENING IN CONCRETE TOP WITH CAST IRON RING AND BROOKS CB 1212 FRAME AND SOLID COVER.
4. ACCESS HATCH. SINGLE LEAF, STEEL FRAME, ALUMINUM LOCKING COVER (CHECKERED PLATE), LIFTING MECHANISMS, AND HARDWARE ST. STL. BILCO MODEL J (300#/SF LOADING).
5. 2'-6" SQUARE HINGED ACCESS HATCH WITH RECESSED HANDLE AND HASP FOR PADLOCK.
6. 6" DIAMETER HINGED ACCESS COVER OVER PLUG VALVE SQUARE NUT TO ALLOW OPERATION OF VALVE.
7. ALUMINUM CHECKERED PLATE BOLT DOWN PARKWAY COVER. MINIMUM 1/4" THICK, SUPPLIED AND DESIGNED BY VAULT MANUFACTURER.
8. LOCATE COVER SUPPORT BEAMS TO PROVIDE CLEARANCE TO ACCESS VALVES AND PERMIT DISCHARGE PIPING REMOVAL.
9. REMOVABLE ALUMINUM HANDRAIL.
10. CAST CONCRETE ROOF.
11. CONCRETE PUMP WASH DOWN PAD.
12. FALL THROUGH PROTECTION LID OPENING.
13. INSTALL DAVIT ARM BASE. NUMBER OF BASES REQUIRED TO BE DETERMINED ON INDIVIDUAL DRAWINGS.



**TOP AND HATCH PLAN**  
N.T.S.

**NOTE**

THESE PLANS ARE CONSIDERED GUIDELINES ONLY. THE DESIGN ENGINEER SHALL PREPARE PLANS SPECIFIC TO EACH LIFT STATION, BASED ON SITE SPECIFIC DATA, WESTERN'S GUIDELINES AND OTHER INDUSTRY STANDARDS AS REQUIRED.



APPROVED DATE: January 1, 2011  
*[Signature]*  
\_\_\_\_\_  
DIRECTOR OF ENGINEERING

LIFT STATION GUIDELINES  
LIFT STATION  
HATCH PLAN

STD. DWG.  
NO.  
LS-2