



LEGEND

- ①. DOUBLE-CHECK VALVE ASSEMBLY. MAX. 10.0 P.S.I. HEAD LOSS AT 1600 GPM FOR 8" SIZE. ASSEMBLY TO BE STATE DOH APPROVED. SIZE AS SPECIFIED ON PLANS.
 - 1A 2 - CHECK VALVES, (FL)
 - 1B 2 - GATE VALVES, (FL) W/HAND WHEEL; RISING STEM, RESILIENT SEATED AS PER STATE REQUIREMENTS.
- ②. 2 - FLANGED COUPLING ADAPTER, SIZE AS SPECIFIED ON PLANS. (LOCATE MINIMUM 6" FROM INNER WALL)
- ③. 2 - PIPE SPOOLS, PLAIN END. SAME SIZE AS SPECIFIED ON PLANS.
- ④. 1- REDUCER (MJ X MJ), IF REQUIRED. SIZE AS SPECIFIED ON PIPE SUPPORT PLANS.
- ⑤. WATER MAIN, SIZE AS SPECIFIED ON PLANS.
- ⑥. ALUMINUM (TELESCOPING) LADDER, LOCATE AS DIRECTED BY CONTRACTING OFFICER, USE STAINLESS STEEL FASTENERS AT 3' MAX. SPACING
- ⑦. VAULTS SHALL BE FORT LEWIS STD. OF QUALITY. HINGED AND SPRING LOCKED STEEL DIAMOND P/L COVER (DOUBLE HATCH COVER.) 4" C.I. FLOOR DRAIN INTO 4" PVC DRAIN LINE. DAYLIGHT OR STORM SYSTEM CONNECTION. (NO SUMP PUMPS) CHECK VAULT SIZE REQUIRED FOR ENCLOSING COMPLETE ASSEMBLIES.

MIN. VAULT SIZES:

4" PIPE	--	5'-0" X 10'-6" X 6'-3" HIGH
6" PIPE	--	5'-0" X 10'-6" X 6'-3" HIGH
8" PIPE	--	6'-0" X 12'-0" X 6'-6 1/2" HIGH
10" PIPE	--	6'-0" X 12'-0" X 6'-6 1/2" HIGH

NOTE:

- 1. PAINT ALL PIPING WITH TWO COATS MARINE ENAMEL
- 2. PROVIDE PIPE SUPPORTS, WHERE REQUIRED (3 MINIMUM).

STANDARD DETAILS

DRAWING TITLE:
DOUBLE-CHECK VALVE WITH FIRE CONNECTION

DATE: <i>APRIL 1997</i>	SCALE: <i>NONE</i>
PLATE NO.:	<i>W- 1 1</i>
SPEC. SECT. <i>02660</i> PAGE <i> </i>	

SYMBOL	REVISION	DATE	APPROVAL