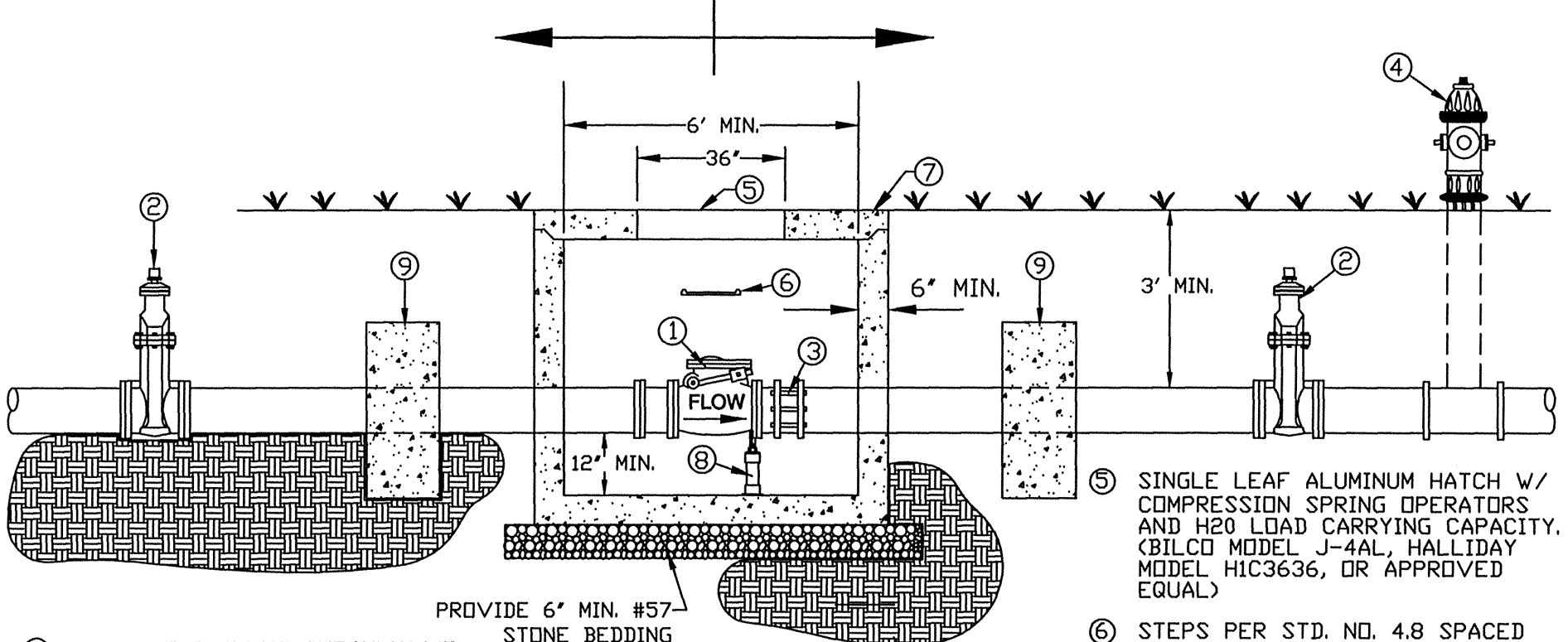


LOWER PRESSURE ZONE HIGHER PRESSURE ZONE



- ① AWWA C508 SWING CHECKVALVE WITH LEVER & WEIGHT OR SPRING
- ② AWWA C509 GATE VALVE WITH ROADWAY BOX & SLAB
- ③ FLANGED COUPLING ADAPTER
- ④ HYDRANT ASSEMBLY PER STD. NO. 5.1 INSTALLED ON HIGHER PRESSURE SIDE WITHIN 50' OF CHECK VALVE

- ⑤ SINGLE LEAF ALUMINUM HATCH W/ COMPRESSION SPRING OPERATORS AND H2O LOAD CARRYING CAPACITY. (BILCO MODEL J-4AL, HALLIDAY MODEL HIC3636, OR APPROVED EQUAL)
- ⑥ STEPS PER STD. NO. 4.8 SPACED AT 16" O.C.
- ⑦ PRECAST REINFORCED CONCRETE VAULT WITH H2O LOAD RATING AND MIN. INSIDE DIMENSIONS: 6' L x 5' W x 4' D
- ⑧ STANDON MODEL S89 OR APPROVED EQUAL FIXTURE SUPPORT
- ⑨ REINFORCED CONCRETE THRUST COLLAR PER STD. NO. 5.19

**CHECK VALVE VAULT FOR 12" & 16" MAINS**

REVISIONS		
NO	DATE	DESCRIPTION

**CITY OF ROCKY MOUNT  
DEPT. OF ENGINEERING**

<b>APPROVED</b> -	<b>STD. NO.</b> 5.30
<b>DATE</b> 02-19-03	<b>REVISION</b> -