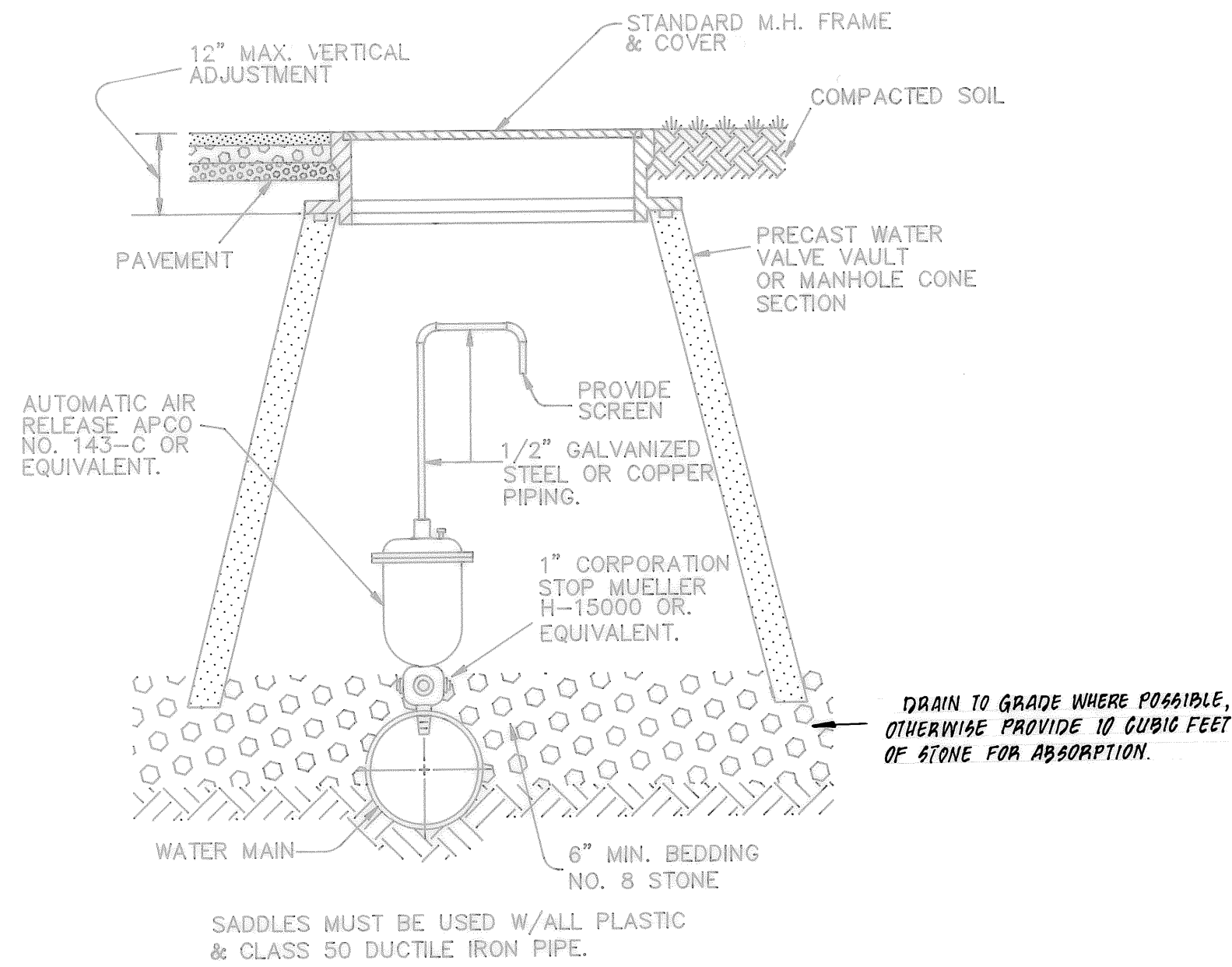


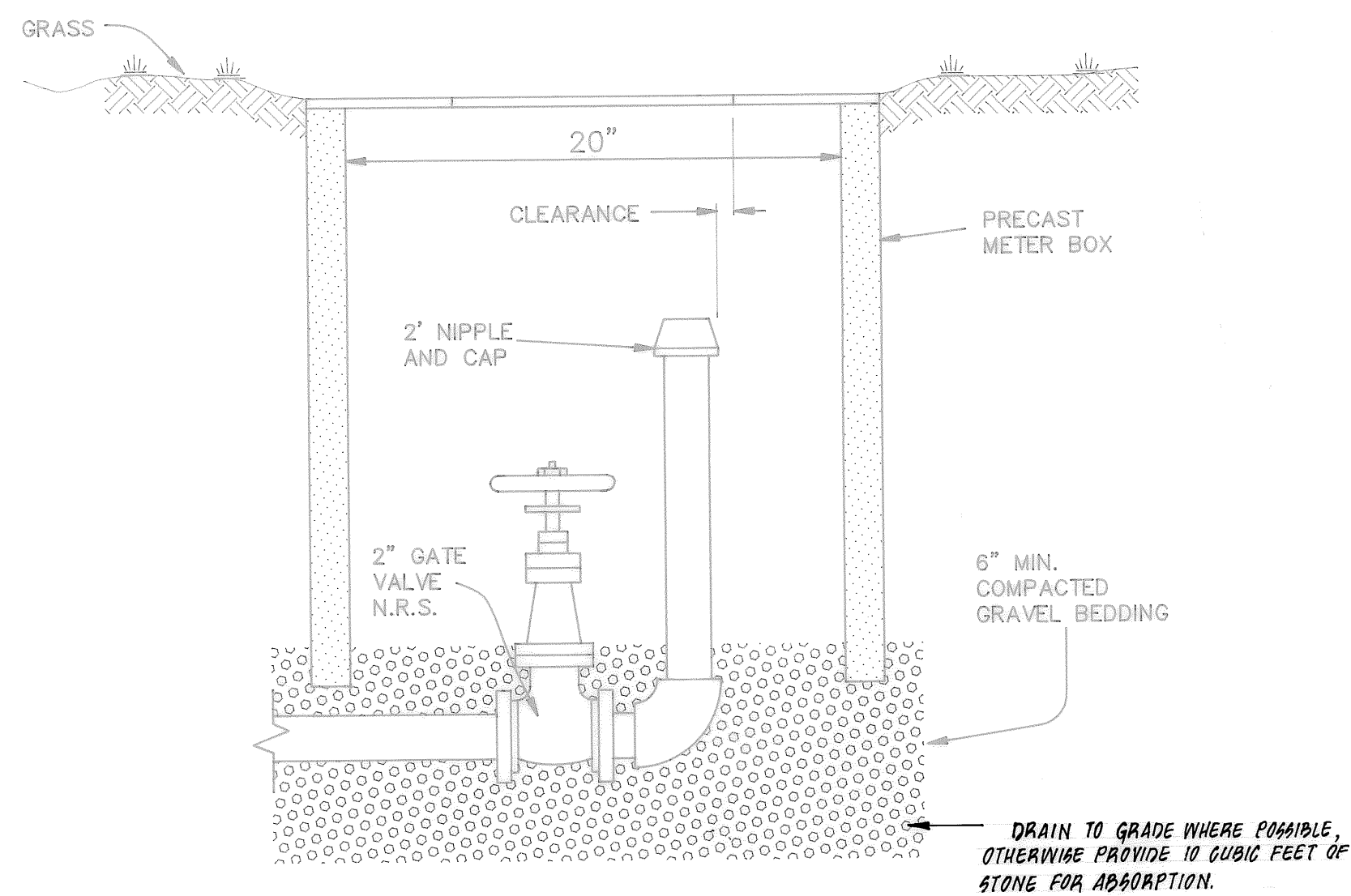
NOTES:

1. THE ABOVE NOTED DIMENSIONS ARE MINIMUM BASED ON CONCRETE ANCHOR EXTENDING TO UNDISTURBED SOIL, LINE PRESSURE NOT TO EXCEED 150 PSI AND, MINIMUM SOIL BEARING CAPACITY OF 2500 PSF; UNSATISFACTORY SOIL BEARING OR EXCESS PRESSURE WILL REQUIRE ADDITIONAL DESIGN.
2. CONCRETE SHALL NOT BE POURED ON JOINTS OR BOLTS.
3. CONCRETE TO BE MINIMUM 3000 PSI - 28 DAY COMPRESSIVE STRENGTH.

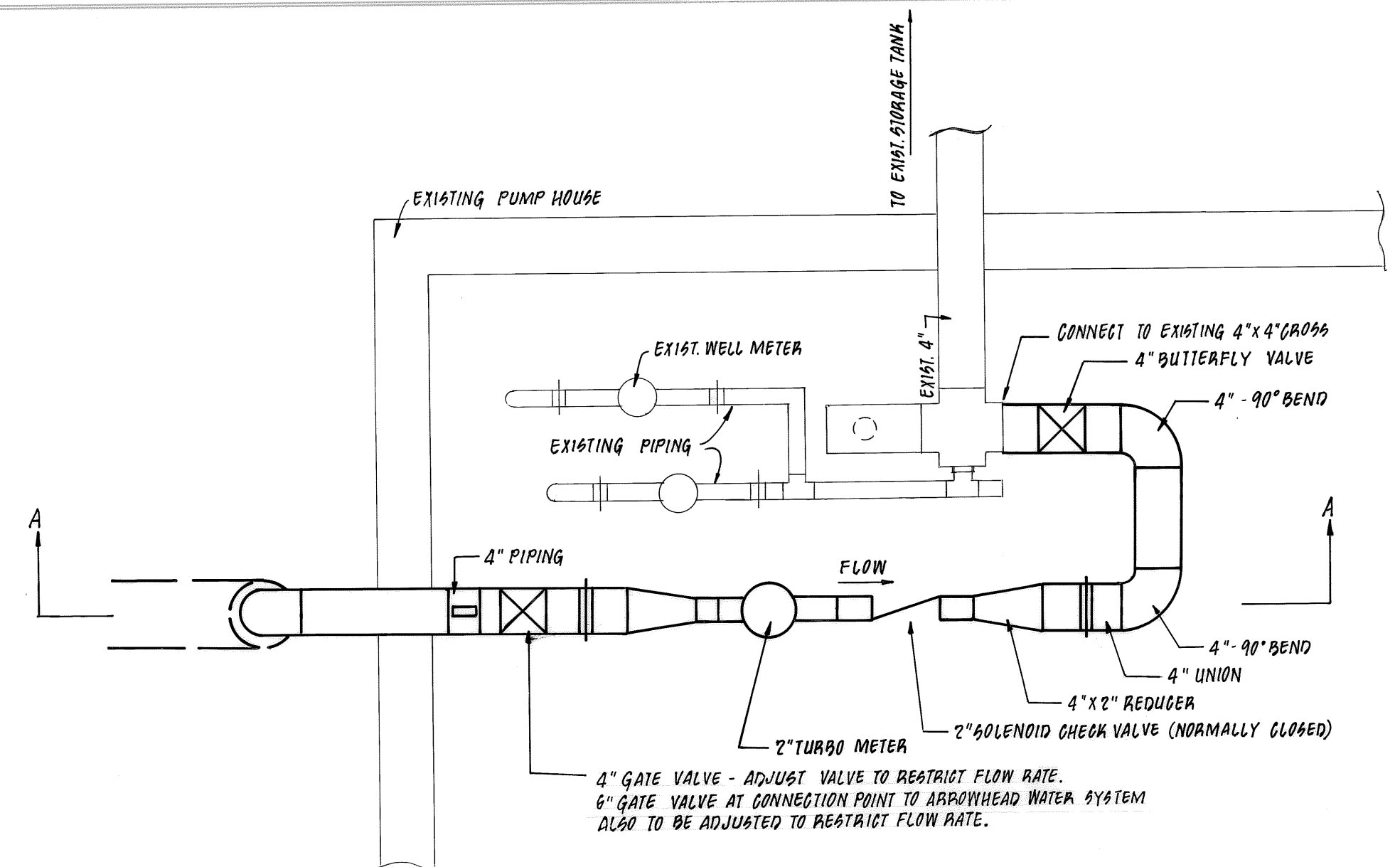
THRUST BLOCK FOR HORIZONTAL
& LOWER VERTICAL BENDS



AUTOMATIC AIR RELEASE ASSEMBLY

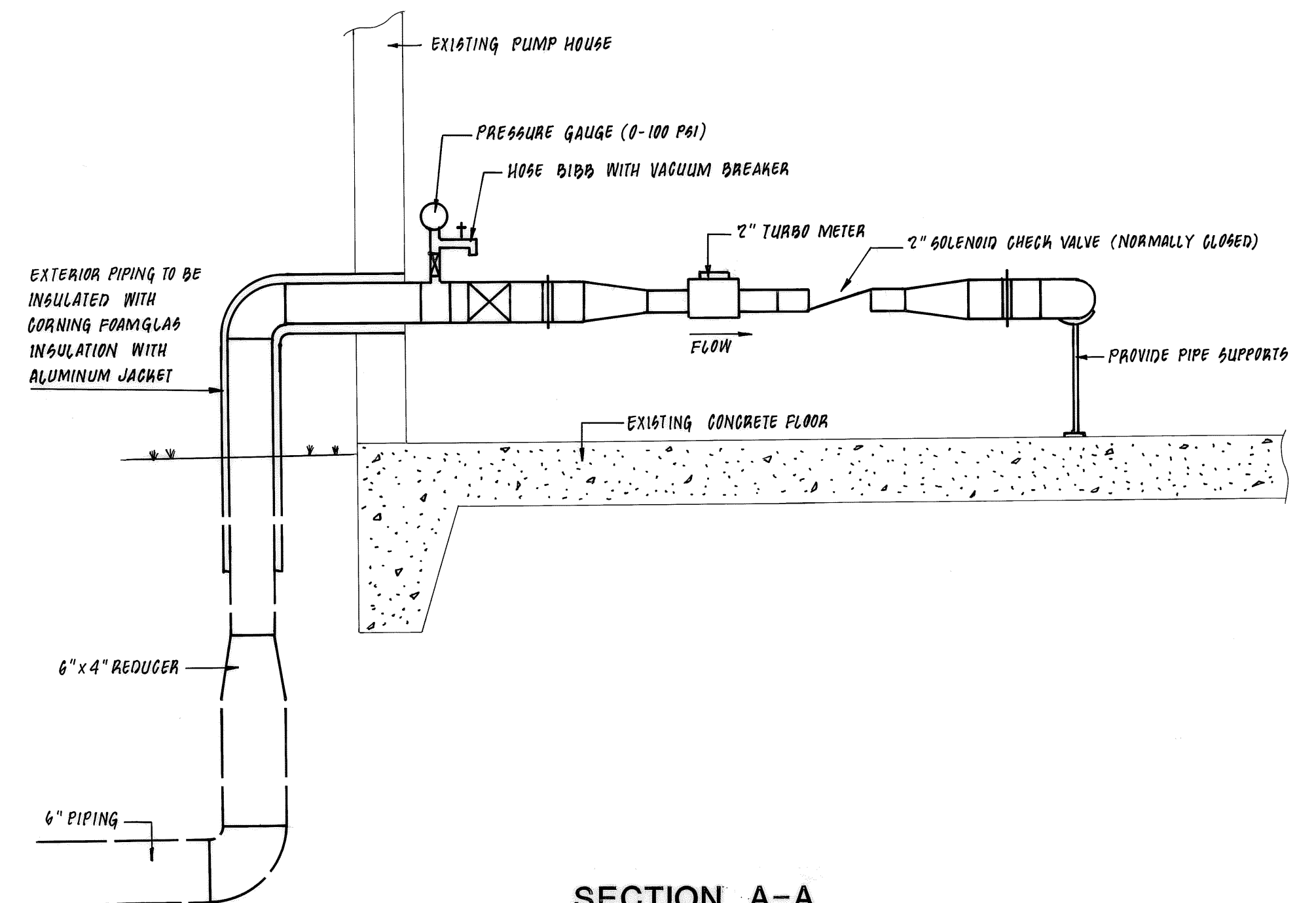


TYPICAL BLOW-OFF ASSEMBLY



PUMP HOUSE PLAN

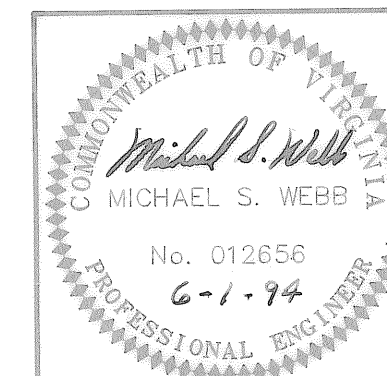
SCALE: $1'' = 1' - 0''$



SECTION A-A

SCALE: 1" = 1' - 0"

- NOTES:
1. ALL CONSTRUCTION SHALL COMPLY WITH APPLICABLE BUILDING, PLUMBING AND ELECTRIC CODES.
 2. ALL INTERIOR PIPING SHALL BE STANDARD WEIGHT GALVANIZED STEEL.
 3. ALL HOSE BIBBS SHALL BE EQUIPPED WITH VACUUM BREAKERS, WATTS NO. 8A.
 4. ALL INTERIOR PIPING SHALL BE DISINFECTED IN ACCORDANCE WITH AWWA C653-87.
 5. THE 4" SOLENOID CHECK VALVE (NORMALLY CLOSED) SHALL BE ACTIVATED TO OPEN WHEN THE CHESTNUT CREEK WELLS ARE TURNED ON. THE VALVE SHALL CLOSE WHEN THE CHESTNUT CREEK WELLS ARE TURNED OFF.
 6. PIPING SHALL BE BRACED OR ANCHORED AS NECESSARY TO PREVENT MOVEMENT.



REVISION	DATE	DESCRIPTION	
DESIGNED	M5W	PUMP HOUSE PLAN AND DETAILS FOR INTERCONNECTION OF CHESTNUT CREEK WATER SYSTEM AND ARROWHEAD WATER SYSTEM PREPARED FOR CHESTNUT CREEK PROPERTIES, INC. GILLS CREEK MAGISTERIAL DISTRICT FRANKLIN COUNTY, VIRGINIA	
DRAWN	9Z, VW8		
CHECKED	M5W		
LUMSDEN ASSOCIATES, P.C. ENGINEERS-SURVEYORS-PLANNERS ROANOKE, VIRGINIA		SCALE: AS SHOWN	COMM: 94-127
		DATE: 1 JUNE 1994	SHEET 5 of 5