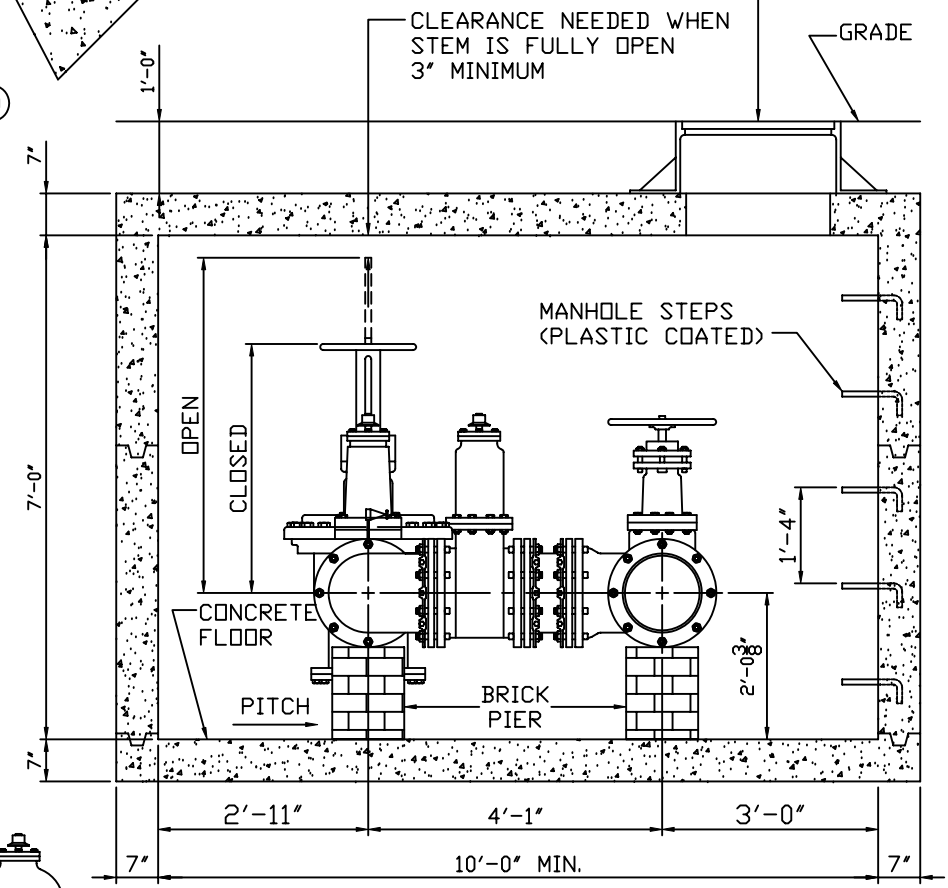
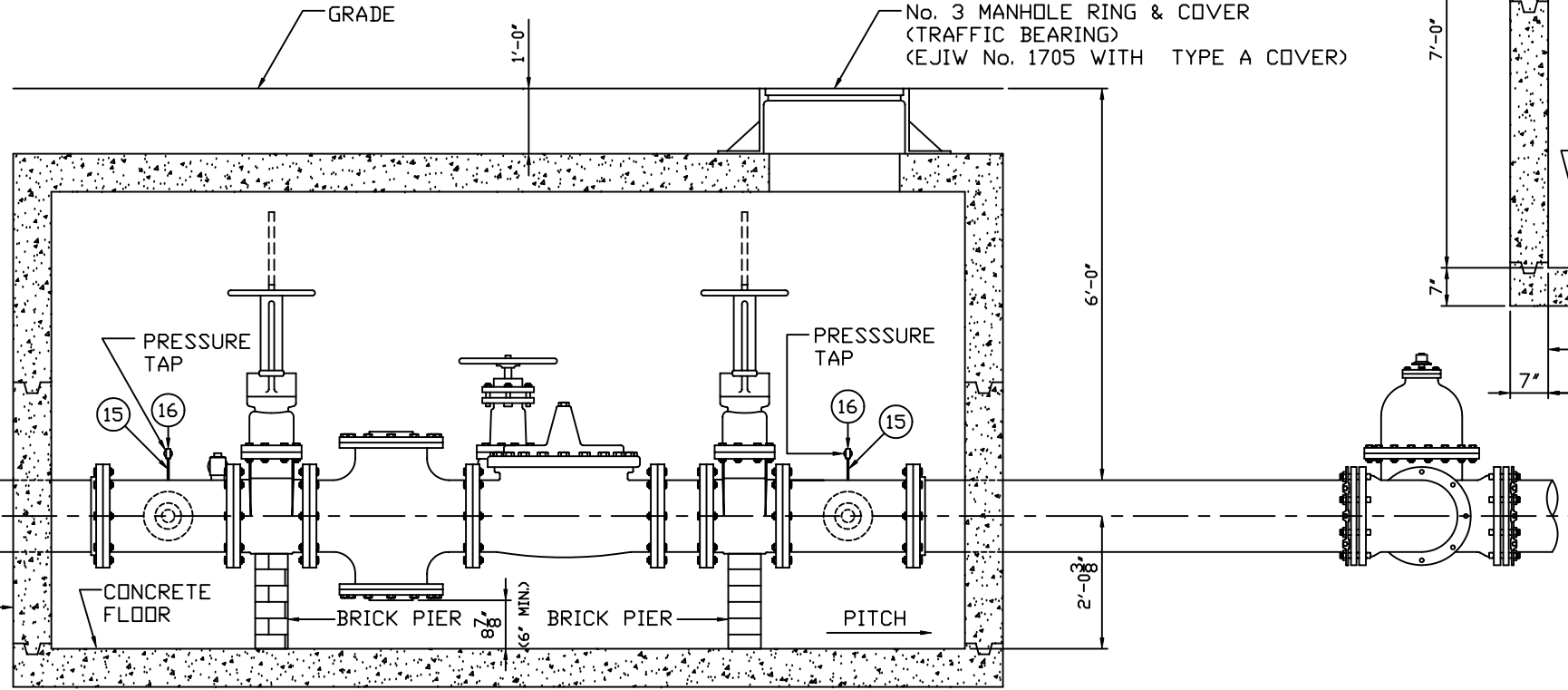


**PLAN**



**SECTION A-A**



**ELEVATION**

NOTE: ALL BURIED JOINTS TO BE RETAINED MECHANICAL JOINTS.  
 ALL BOLTS AND NUTS FURNISHED WITH RETAINED MECHANICAL JOINTS INCLUDING RETAINER OR WEDGE ACTION TYPE GLANDS SHALL BE COPPER-BEARING DUCTILE IRON, OR EQUIVALENT HIGH STRENGTH, LOW ALLOY CORROSION RESISTANT STEEL.

NOTE: PITCH VAULT TOWARD MANHOLE ACCESS.

ALL CONCRETE SHOULD BE CLASS "A".

CONTRACTOR TO FURNISH ALL MATERIAL, CLEVELAND DIVISION OF WATER TO ASSEMBLE THE REGULATOR SETTING FOR A FEE.

ALL FLANGED JOINTS TO HAVE STAINLESS STEEL BOLTS AND NUTS AS PER ASTM A276/A193, TYPE 304, HEAVY HEX.

WEIGHT OF REGULATOR SETTING IS APPROXIMATELY 4550 LBS.

PRECAST TRAFFIC BEARING CONCRETE VAULT (BLOCK MAY BE SUBSTITUTED AFTER PRIOR WRITTEN APPROVAL OF C.W.D.)

REVISIONS			STANDARD DETAILS
No.	DATE	BY	
			DEPARTMENT OF PUBLIC UTILITIES DIVISION OF WATER CLEVELAND, OHIO
			SUBJECT 12" REGULATOR IN VAULT
			DRAWN BY RSK DATE 10-1-1997 CHECKED BY MJS DATE 10-1-1997
			-SCALE- 3/4" = 1'-0"
			No. REG12