



- NOTES**
1. ALL PLUG DIAPHRAGM AND CHECK VALVES SIZE 2" AND OVER SHALL BE C.I. SARAN LINED UNLESS OTHERWISE NOTED.
 2. PROVIDE RIGID SUPPORT AT C.I. SARAN LINED FITTINGS NEAR SHARP CHANGES IN DIRECTION.
 3. FOR DETAILS OF PIPE SUPPORT - SEE SHEET NO. 26.
 4. PROVIDE PIPE HANGERS ON ALL P.V.C. HORIZONTAL RUNS AT 10' % 3" AND UNDER, 7'0" % 4" AND OVER.
 5. PIPE STRAPS SHALL BE FOUR 1/2" x 3/8" STEEL BARS FASTENED WITH 3/8" ANCHOR BOLTS TO WALL.

- LEGEND**
- ⊗ INDICATES SARAN LINED STEEL PIPES AND CAST IRON SARAN LINED FITTINGS
 - ⊕ SAFE VALVE ON COPPER AND CAST IRON LINES
 - ⊕ DIAPHRAGM VALVE ON P.V.C. LINES (NOTE 1)
 - ⊕ PLUS VALVE (NOTE 1)
 - ⊕ PLUS VALVE TO FLOOR BOX (NOTE 1)
 - ⊕ CHECK VALVE (NOTE 1)
 - ⊕ MOTOR OPERATED BALL VALVE
 - ⊕ FURNISHED BY OWNER AND INSTALLED BY THE CONTRACTOR
 - * BY PLUMBING CONTRACTOR
 - ▲ BY VENTILATING CONTRACTOR

REVISIONS			
NO.	DESCRIPTION	DATE	BY



DRAWN S. J. S. TRACED S. J. S. CHECKED C. K. M. APPROVED G. G. B. APPROVED	GANNETT FLEMING CORDRY & CARPENTER, INC. ENGINEERS 600 N. SECOND ST. HARRISBURG, PENNA.	JOB NO. 4590	THE PENNSYLVANIA STATE UNIVERSITY CONSTRUCTION OF A MINE DRAINAGE TREATMENT PLANT HUSTON TOWNSHIP, CLEARFIELD CO., PA	SHEET NO. 7 DRAWING NO. I-17516
		SCALE 3/8" = 1'-0"		