



BASEMENT PLAN
SCALE 3/8" = 1'-0"

- NOTES**
1. ALL PLUG, DIAPHRAGM AND CHECK VALVES SIZE 3" AND OVER SHALL BE C.I. SARAN LINED UNLESS OTHERWISE NOTED.
 2. PIPE WELDED SHALL BE FOUR 1/2" X 3/4" STEEL BAR FASTENERS WITH 6 ANCHOR BOLTS & PROVIDE BOND SUPPORT AT C.I. SARAN LINED FITTINGS HEAD SHIMMER CHANGED IN DIRECTION.
 3. PIPE DETAIL OF PIPE SUPPORT.
 4. SEE SHEET NO. 21.
 5. PROVIDE PIPE HANGERS ON ALL PVC HORIZONTAL CONDUIT AT 5'-0" O.C. 3" AND UNDER, 7'-0" O.C. 4" AND OVER.

- LEGEND**
- ⊗ INDICATES SARAN LINED STEEL PIPES AND CAST IRON SARAN LINED FITTINGS
 - ⊕ GATE VALVE ON COPPER AND CAST IRON LINES
 - ⊕ DIAPHRAGM VALVE ON PVC LINES (NOTE 1)
 - ⊕ PLUS VALVE (NOTE 1)
 - ⊕ PLUS VALVE TO FLOOR BOX (NOTE 1)
 - ⊕ CHECK VALVE (NOTE 1)
 - ⊕ HYDRAULICALLY OPERATED DIAPHRAGM VALVE
 - ⊕ BY PLUMBING CONTRACTOR
 - ⊕ BY VENTILATING CONTRACTOR
 - ⊕ FURNISHED BY OWNER AND INSTALLED BY CONTRACTOR

REVISIONS			
NO.	DESCRIPTION	DATE	BY



GANNETT FLEMING CORDDRY & CARPENTER, INC.
ENGINEERS
600 N. SECOND ST. HARRISBURG, PENNA.

JOB NO. 4590
SCALE 3/8" = 1'-0"
DATE JUNE 1967
THE PENNSYLVANIA STATE UNIVERSITY
CONSTRUCTION OF
A MINE DRAINAGE TREATMENT PLANT
HUSTON TOWNSHIP, CLEARFIELD CO., PA.
CONTROL BUILDING
BASEMENT PLAN
MECHANICAL

SHEET NO. 6
DRAWING NO. I-17515