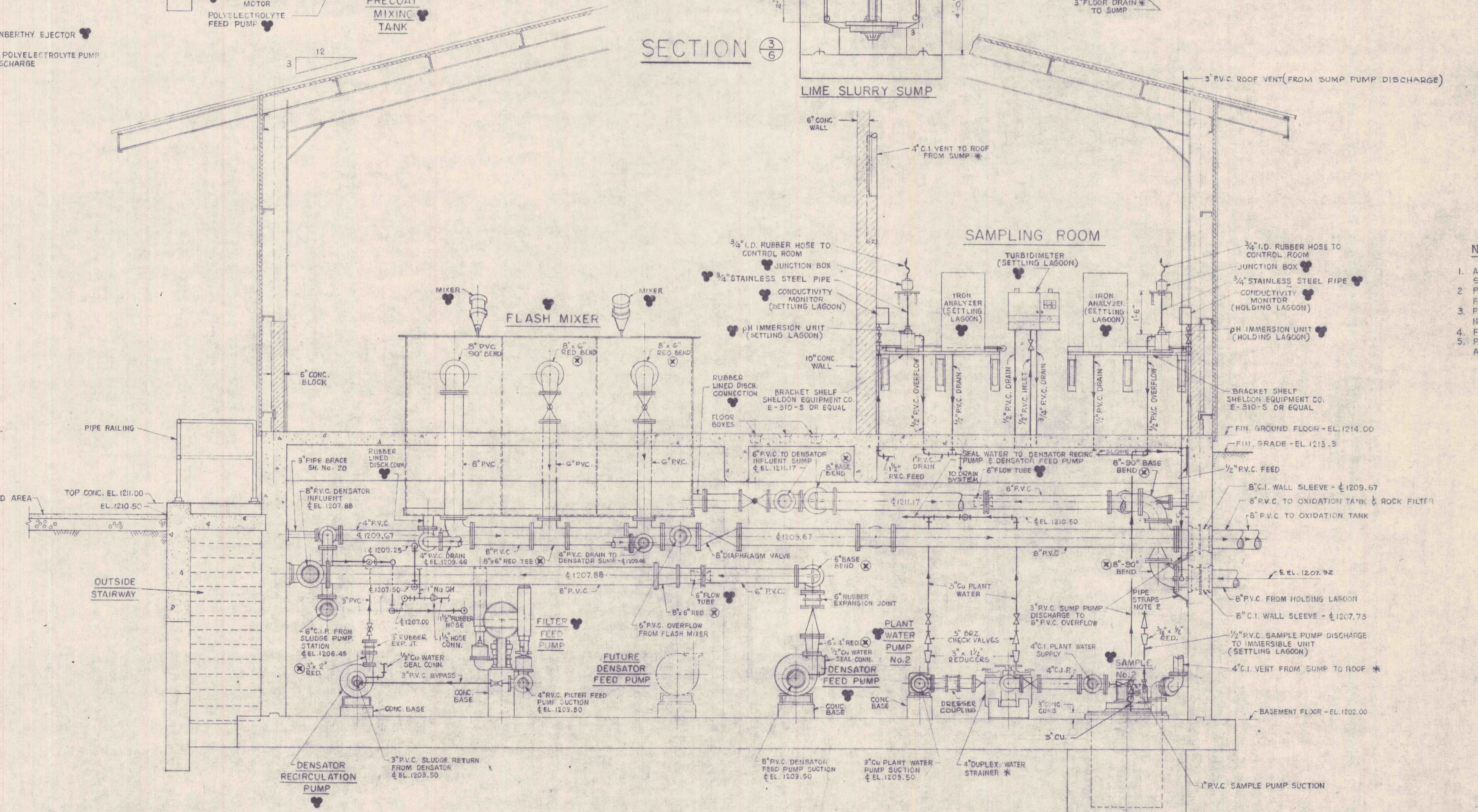


- NOTES:
- (A) PENBERTHY EJECTOR
 - (B) 1/2" POLYELECTROLYTE PUMP DISCHARGE



- NOTES:
1. ALL PLUG, DIAPHRAGM AND CHECK VALVES SIZE 3" AND OVER SHALL BE CAST IRON SARAN LINED UNLESS OTHERWISE NOTED.
 2. PIPE STRAPS SHALL BE FOUR - 1/2" X 1/2" STEEL BARS FASTENED WITH 3/8" ANCHOR BOLTS TO WALL.
 3. PROVIDE RIGID SUPPORT AT C.I. SARAN LINED FITTINGS NEAR SHARP CHANGES IN DIRECTION.
 4. FOR DETAILS OF PIPE SUPPORT - SEE SHEET No. 21.
 5. PROVIDE PIPE HANGERS ON ALL PVC HORIZONTAL RUNS AT 5'-0" 5/8" 3" AND UNDER, 7'-0" 5/8" 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)
 - ⊗ PLUG VALVE TO FLOOR BOX (NOTE 1)
 - ⊗ CHECK VALVE (NOTE 1)
 - ⊗ STRAINER
 - * 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.

DRAWN: J.F.W.
 TRACED: J.F.W.
 CHECKED: C.K.M.
 APPROVED: G.G.B.

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.

SHEET No. **8**
 DRAWING No. **I-17517**

**CONTROL BUILDING
 MECHANICAL SECTIONS**