



| PIPE IDENTIFICATION |          | THICKNESS CLASS | MATERIAL | DESIGNATION                            |
|---------------------|----------|-----------------|----------|--|
| 1                   | 6"       |                 | PVC      | BENNETT BRANCH FORCE MAIN              |
| 2                   | 6"       |                 | PVC      | PROCTOR NO. 2 FORCE MAIN               |
| 3                   | 6"       |                 | PVC      | PROCTOR NO. 1 FORCE MAIN               |
| 4                   | 6"       |                 | PVC      | HOLDING LAGOON INFLUENT                |
| 5                   | 8"       |                 | PVC      | HOLDING LAGOON EFFLUENT                |
| 6                   | 8"       |                 | PVC      | OXIDATION TANKS INFLUENT               |
| 7                   | 6"       |                 | PVC      | OXIDATION TANKS EFFLUENT               |
| 8                   | 8"       |                 | PVC      | ROCK FILTER INFLUENT                   |
| 9                   | 6"       |                 | PVC      | OXIDATION TANK EFFLUENT                |
| 10                  | 8"       |                 | PVC      | ROCK FILTER EFFLUENT                   |
| 11                  | 8"       |                 | PVC      | DENSATOR INFLUENT                      |
| 12                  | 3"       |                 | PVC      | DENSATOR SLUDGE UNDERFLOW              |
| 13                  | 3"       |                 | PVC      | DENSATOR SLUDGE REGULATION             |
| 14                  | 2-1 1/2" |                 | RUBBER   | DENSATOR LIME SLURRY FEED & RETURN     |
| 15                  | 6"       |                 | PVC      | DENSATOR OVERFLOW                      |
| 16                  | 4"       |                 | PVC      | DENSATOR DRAIN                         |
| 17                  | 8"       |                 | PVC      | DENSATOR EFFLUENT                      |
| 18                  | 6"       | 22              | CIP      | DENSATOR EFFLUENT                      |
| 19                  | 6"       |                 | PVC      | LIMESTONE NEUTRALIZATION UNIT INFLUENT |
| 20                  | 6"       | 22              | CIP      | LIMESTONE NEUTRALIZATION UNIT EFFLUENT |
| 21                  | 8"       | 22              | CIP      | SETTLING LAGOON INFLUENT               |
| 22                  | 6"       |                 | PVC      | OVERFLOW AND DRAIN                     |
| 23                  | 3"       |                 | PVC      | SUMP PUMP DISCHARGE                    |
| 24                  | 6"       | 22              | CIP      | SLUDGE                                 |
| 25                  | 4"       | 22              | CIP      | DRAIN                                  |
| 26                  | 4"       | 22              | CIP      | PLANT WATER SUCTION                    |
| 27                  | 4"       |                 | PVC      | OXIDATION TANK DRAIN                   |
| 28                  | 6"       |                 | PVC      | DENSATOR BYPASS                        |
| 29                  | 1"       |                 | Cu       | POTABLE WATER                          |
| 30                  | 3/4"     |                 | Cu       | POTABLE WATER                          |
| 31                  | 3"       |                 | CIP      | DRAIN                                  |
| 32                  | 1"       |                 | PVC      | POLYELECTROLYTE                        |
| 33                  | 3"       |                 | G.STL.   | POTABLE WATER                          |
| 34                  | 4"       |                 | YCP      | SEWER LINE                             |
| 35                  | 3"       |                 | G.STL.   | AIR LINE                               |
| 36                  | 1"       |                 | PVC      | SODIUM HYDROXIDE                       |

\* THE TWO 1 1/2" RUBBER HOSES COMPRISING LINE 14 SHALL BE ENCLOSED IN A 6" CAST IRON PIPE WHERE PASSING UNDERGROUND BETWEEN THE CONTROL BUILDING AND THE DENASATOR.  
 ALL VERTICAL AND HORIZONTAL BENDS OF LINES NO. 1, 2, 3, 4, 11, 24, 33 SHALL BE PROVIDED WITH CONCRETE ANCHORAGE SEE SHEET NO. 20.

| LEGEND |   |
|--------|---|
| ---    | NEW PIPING  |
| ---    | EXISTING PIPING BY CONTRACT ONE                   |
| ⊕      | VALVE AND VALVE BOX (C.I. SARAN LINED PLUG VALVE) |
| ⊕      | YARD HYDRANT                                      |
| ⊕      | LINE NUMBER                                       |
| *      | BY PLUMBING CONTRACTOR                            |
| PVC    | POLYVINYL CHLORIDE                                |
| CIP    | CAST IRON PIPE                                    |
| Cu     | COPPER  |
| YCP    | YITRIFIED CLAY PIPE                               |
| G.STL. | GALVANIZED STEEL                                  |

| REVISIONS |             |      |    |
|-----------|-------------|------|----|
| NO.       | DESCRIPTION | DATE | BY |
|           |             |      |    |
|           |             |      |    |
|           |             |      |    |
|           |             |      |    |
|           |             |      |    |
|           |             |      |    |
|           |             |      |    |
|           |             |      |    |
|           |             |      |    |
|           |             |      |    |



|  |   |  |                        |   |   |
|--|---|--|------------------------|---|---|
| DRAWN<br>D.S.<br>TRACED<br>D.S.<br>CHECKED<br>C. K. M.<br>APPROVED<br>G. G. B.<br>APPROVED | <b>GANNETT FLEMING CORDDRY &amp; CARPENTER, INC.</b><br>ENGINEERS<br>600 N. SECOND ST. HARRISBURG, PENNA. |  | JOB No.<br><b>4590</b> | THE PENNSYLVANIA STATE UNIVERSITY<br>CONSTRUCTION OF<br>A MINE DRAINAGE TREATMENT PLANT<br>HUSTON TOWNSHIP, CLEARFIELD CO., PA. | SHEET No.<br><b>3</b><br>DRAWING No.<br>I-17512 |
|  |   |  | SCALE<br>1"=10'        |   |   |
|  | DATE<br>JUNE 1967   |  |                        | INTERUNIT PIPING  |   |
|  | PROJECT TITLE: A MINE DRAINAGE TREATMENT PLANT  |  |                        |   |   |