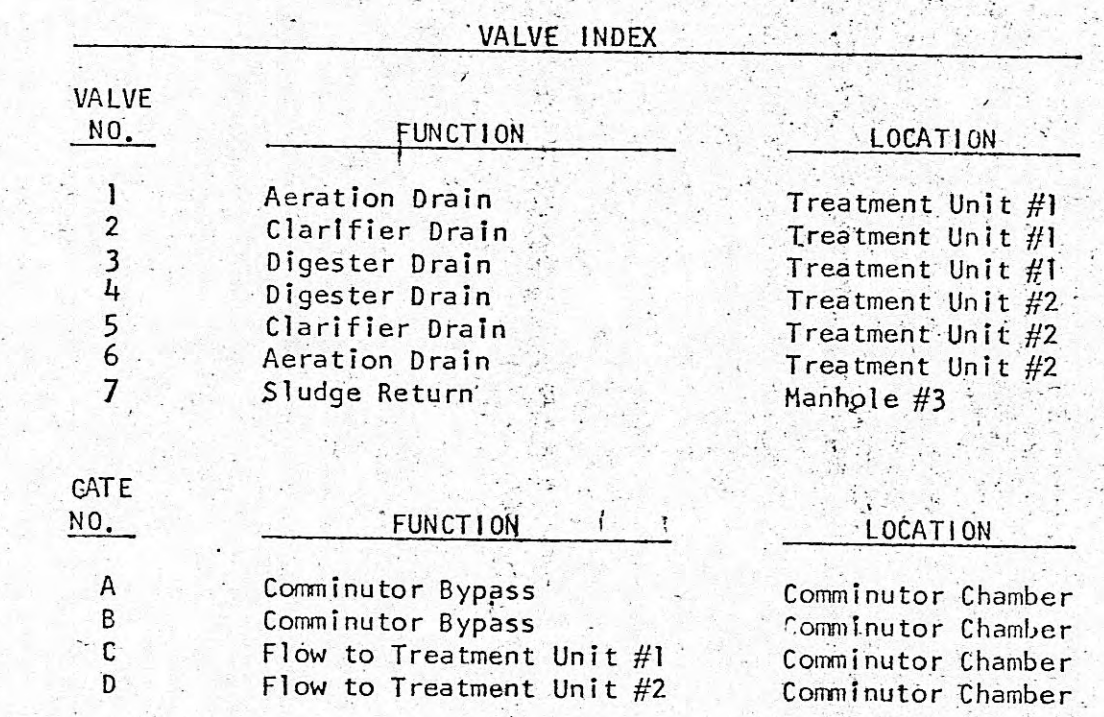
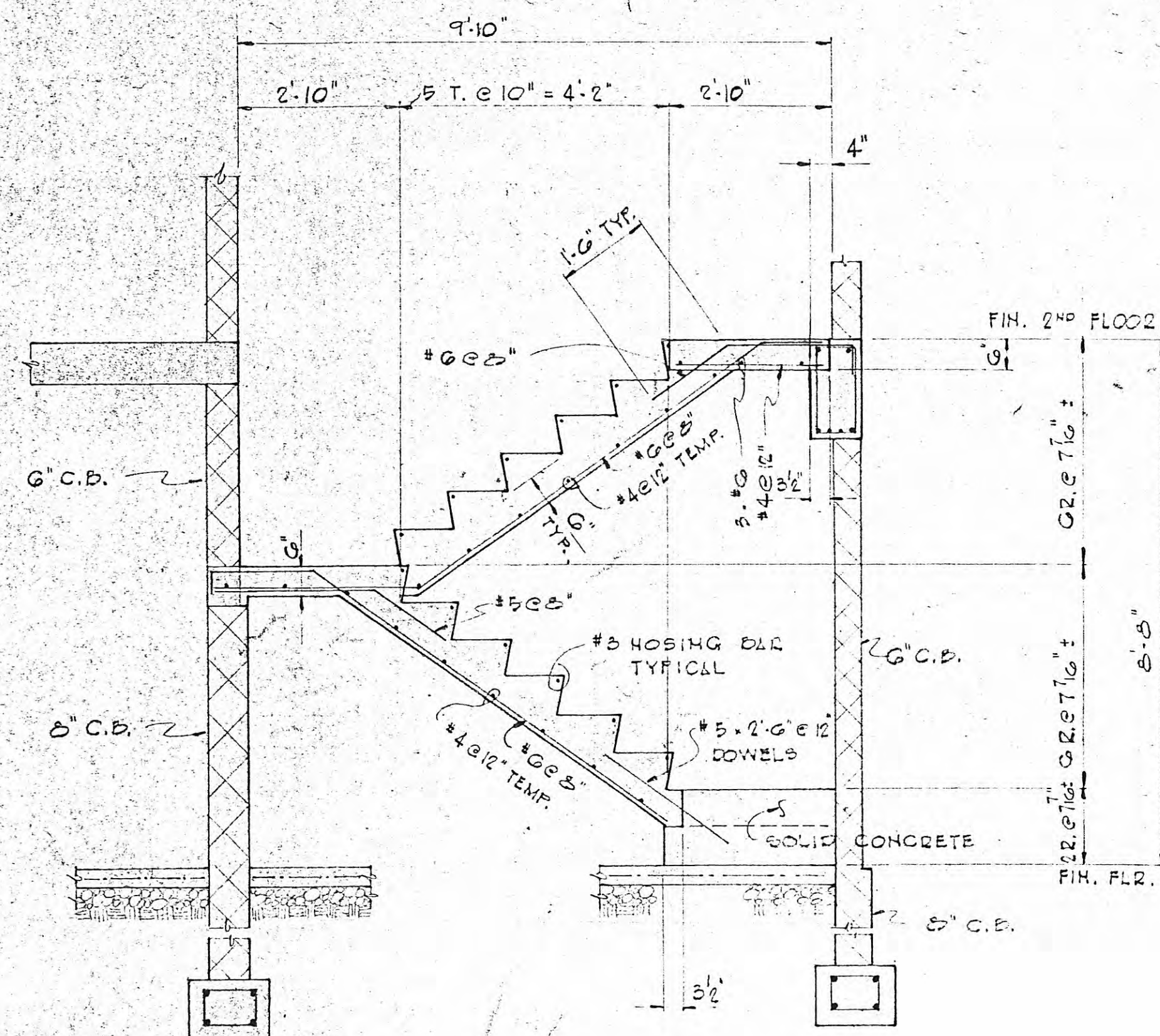


745 APPENDIX B

| ROANE COUNTY INDUSTRIAL PARK                                           |           |                                                                                       |
|------------------------------------------------------------------------|-----------|---------------------------------------------------------------------------------------|
|                                                                        | REVISIONS | WASTEWATER TREATMENT FACILITIES<br>PLANT FLOW DIAGRAM<br>AND<br>VALVE INDEX           |
| NO.                                                                    | DATE      | ITEM                                                                                  |
|                                                                        |           |                                                                                       |
|                                                                        |           |                                                                                       |
|                                                                        |           |                                                                                       |
|                                                                        |           |                                                                                       |
|                                                                        |           |                                                                                       |
|                                                                        |           |                                                                                       |
| DRAWN BY<br>W. W. C.                                                   |           | DATE<br>DEC, 1973                                                                     |
| CHECKED BY                                                             |           | FIELD DATA                                                                            |
| FILE NO.<br>4077-01                                                    |           | SHEET                                                                                 |
| DRAWG. NO.                                                             |           |  |
| <b>BARGE WAGGONER SUMNER &amp; CANNON</b><br><b>ENGINEERS PLANNERS</b> |           |                                                                                       |
| NASHVILLE,                                                             | TENNESSEE | MORRISTOWN                                                                            |
|                                                                        |           | OF SHEETS                                                                             |

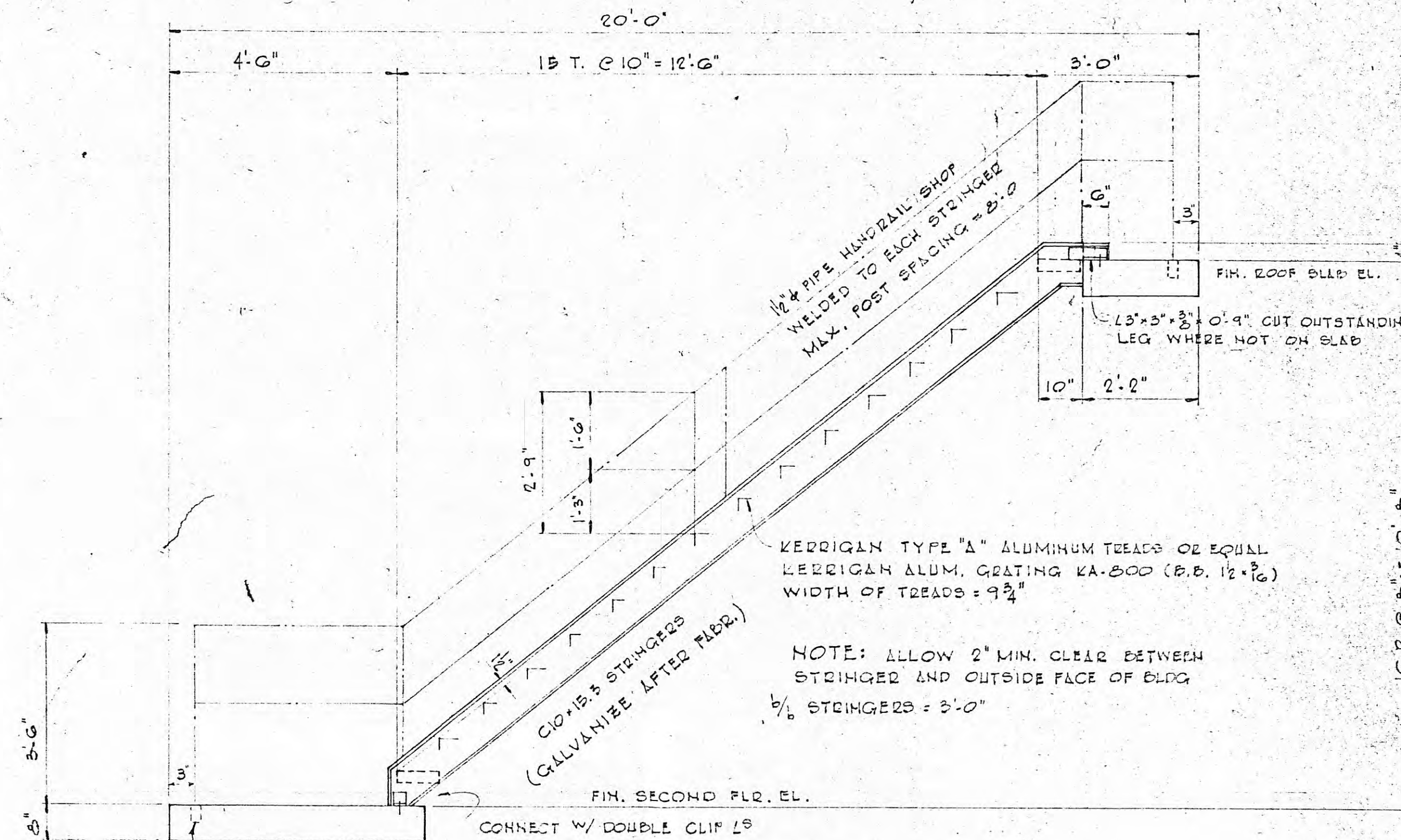


TRIM ON THIS LINE FOR SEPARATE SHEETS



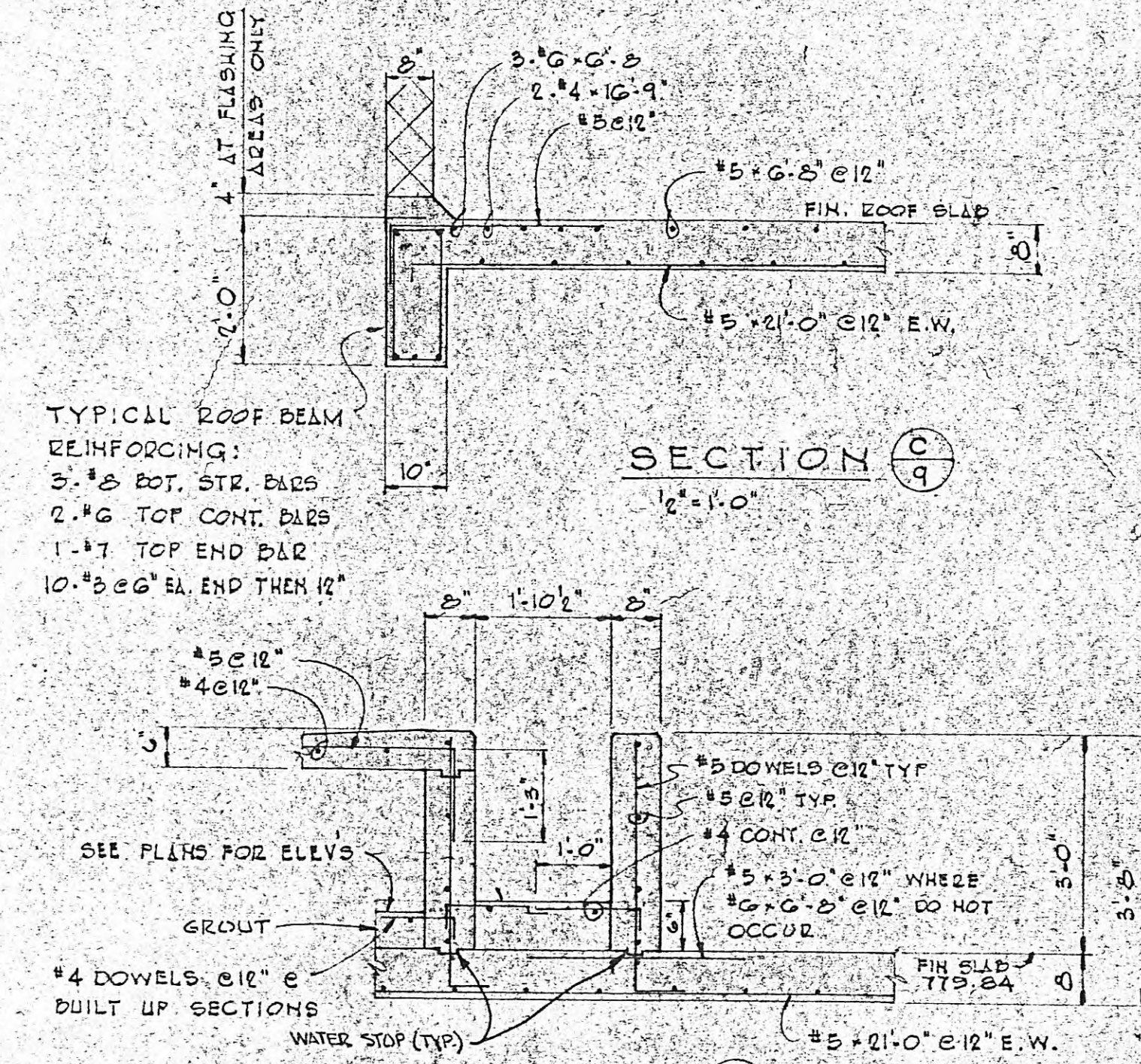
SECTION A

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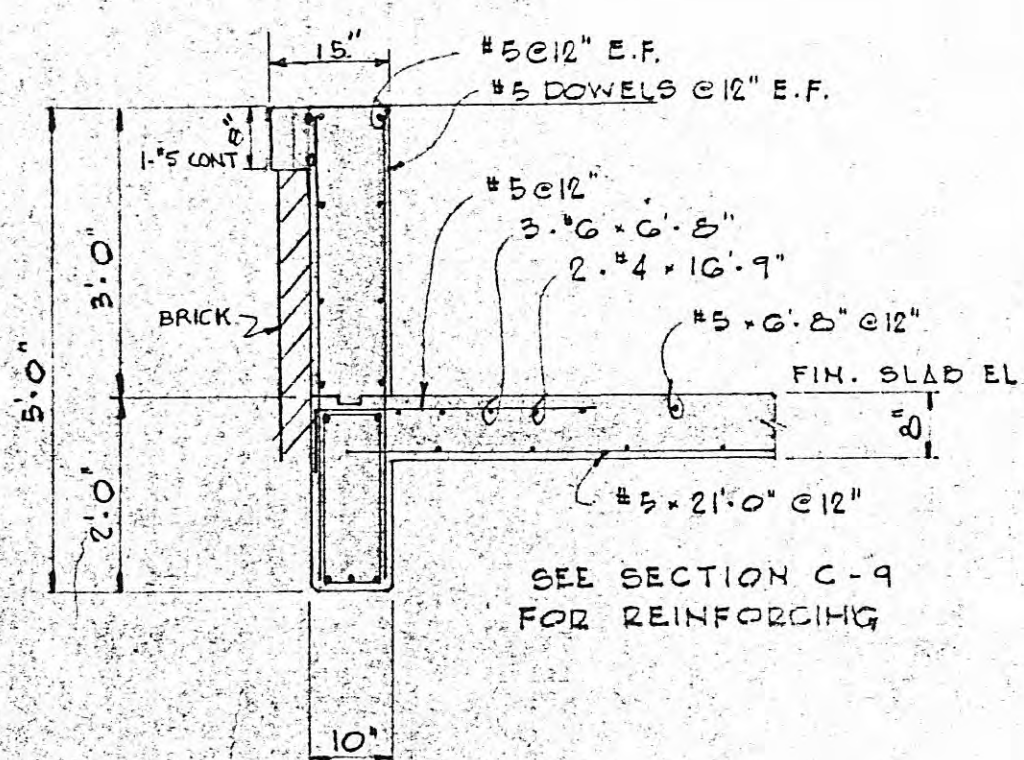
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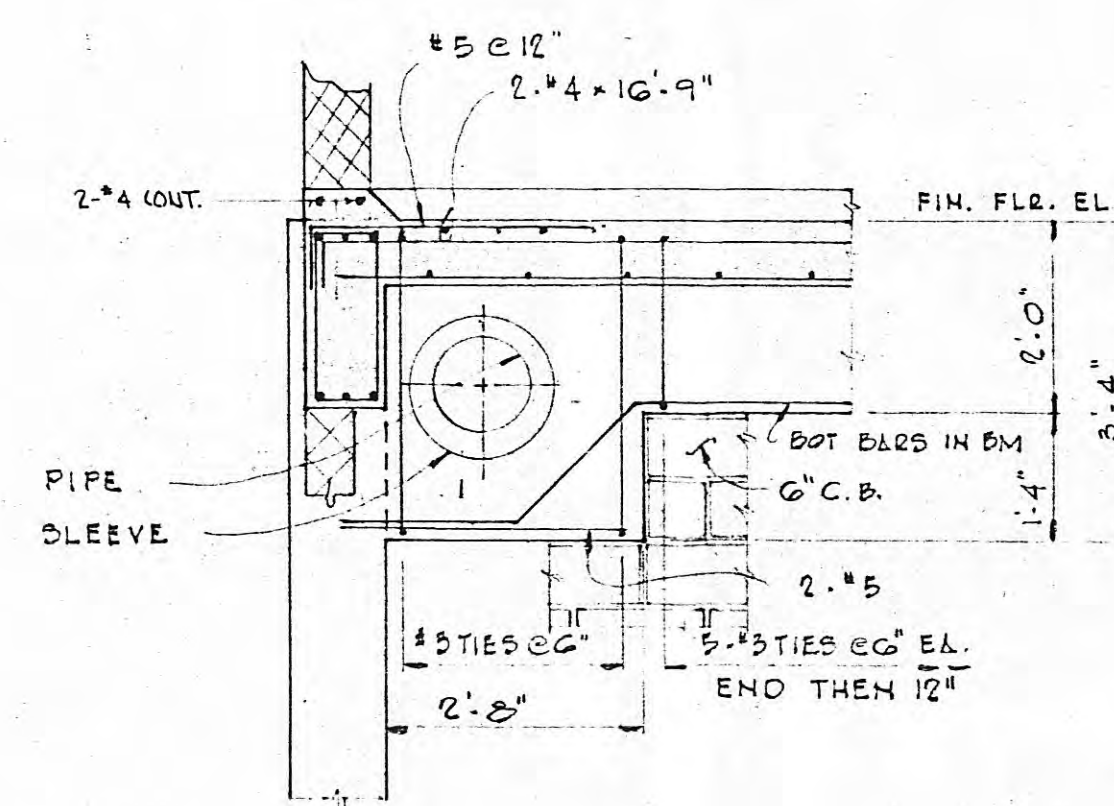
SECTION C

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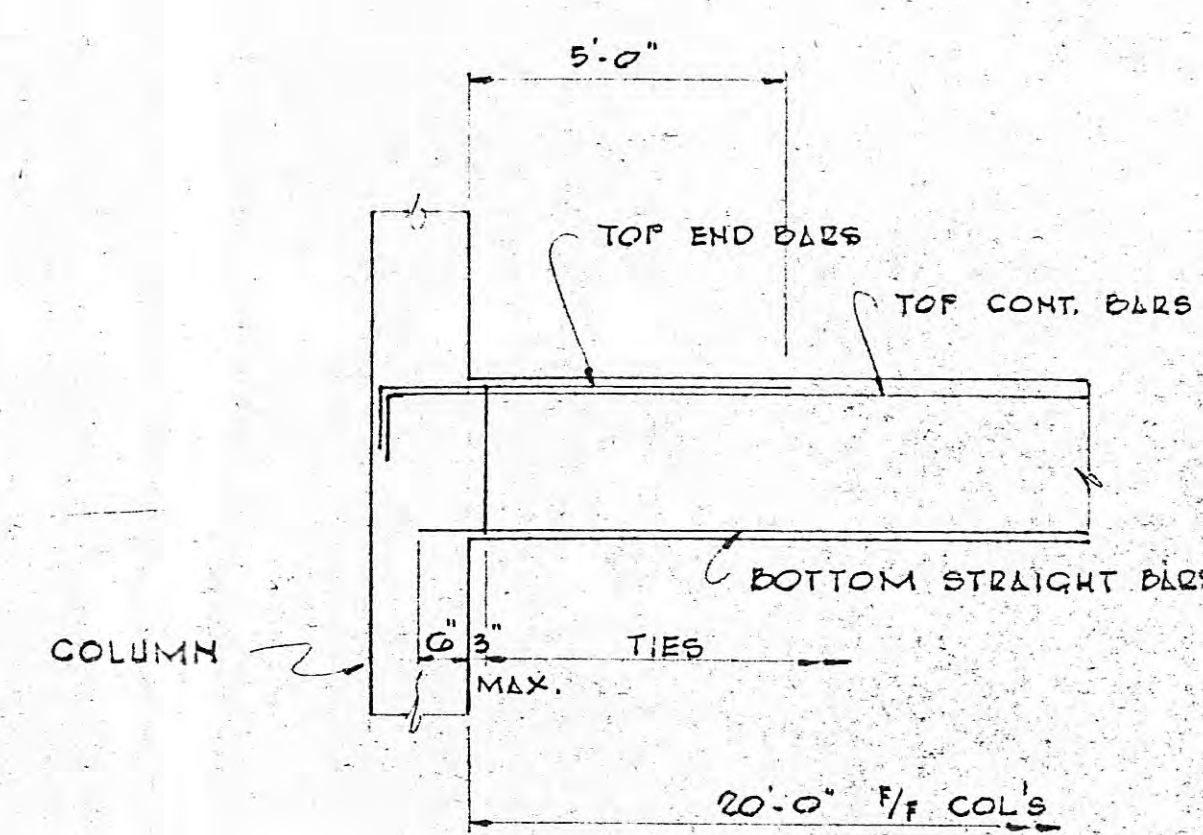
SECTION D

1/2" = 1'-0"

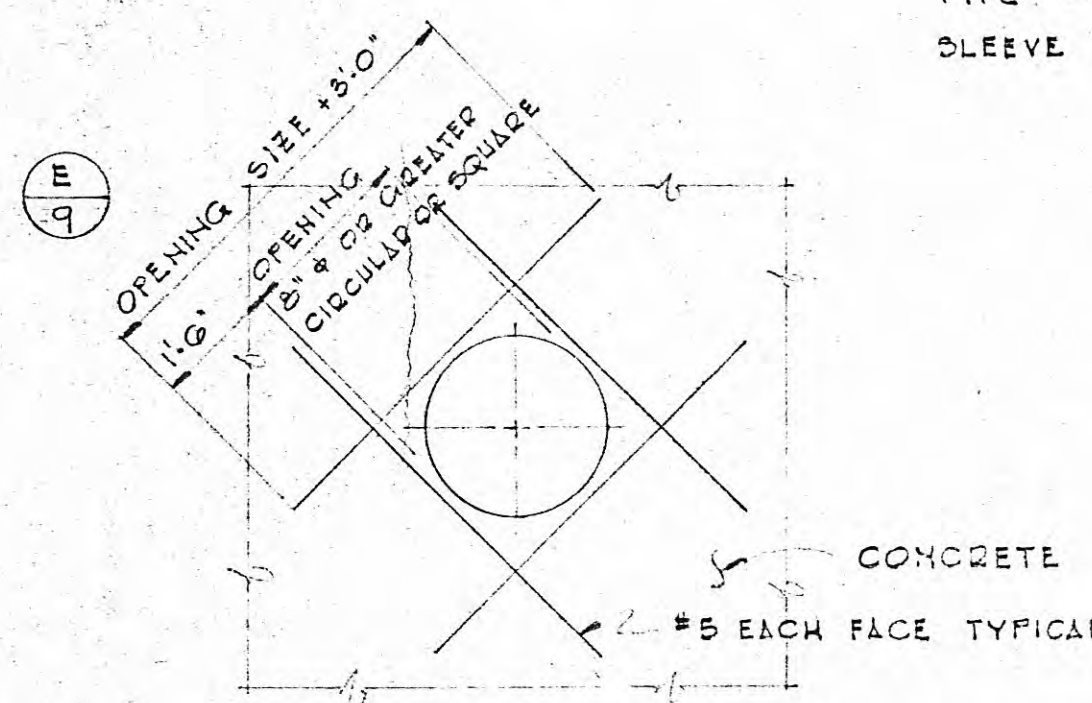


SECTION E

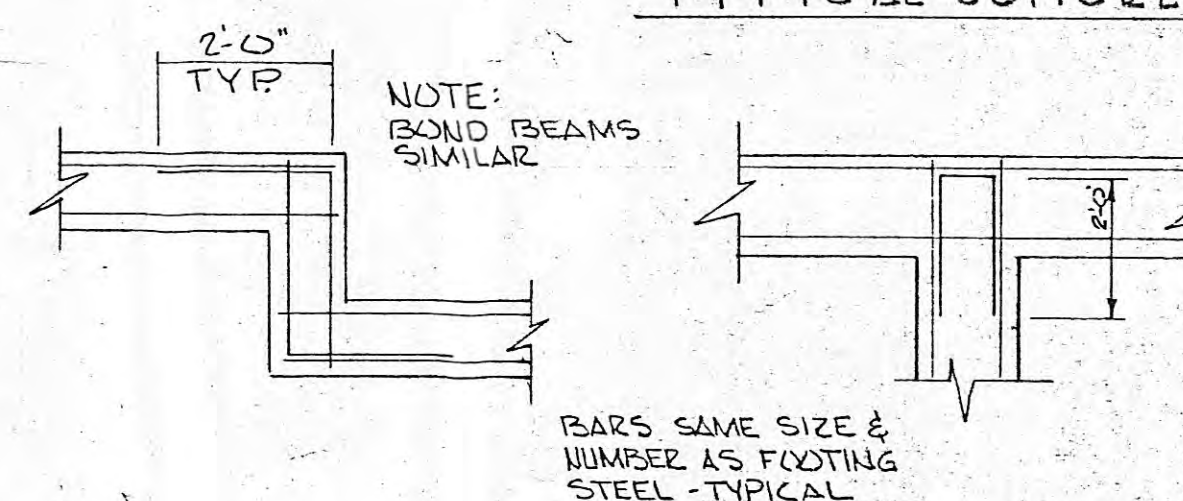
1/2" = 1'-0"



TYPICAL CONCRETE BEAM DETAIL



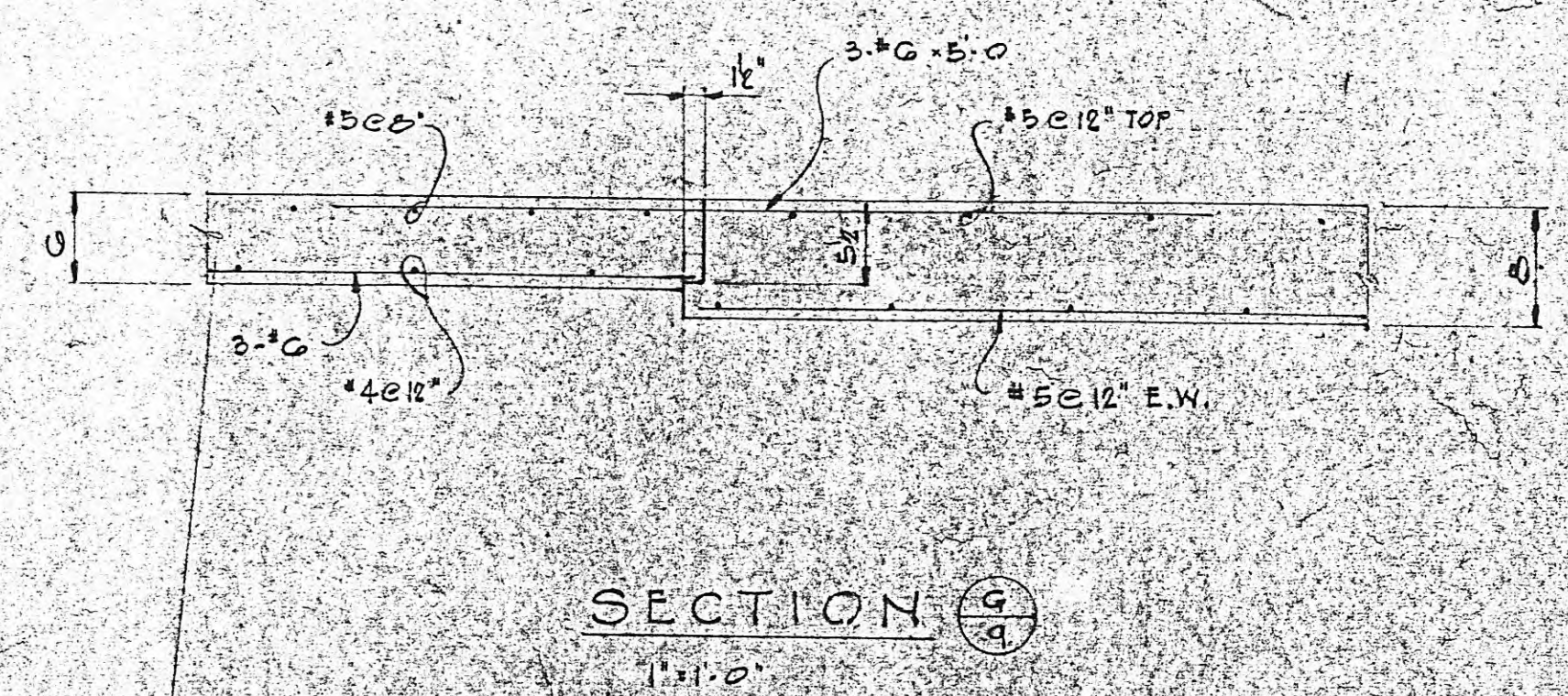
TYPICAL REINFORCING DETAIL AT SLAB CUTOUTS



STEP

INTERSECTION

TYPICAL FOUNDATION DETAILS



SECTION I

1/2" = 1'-0"

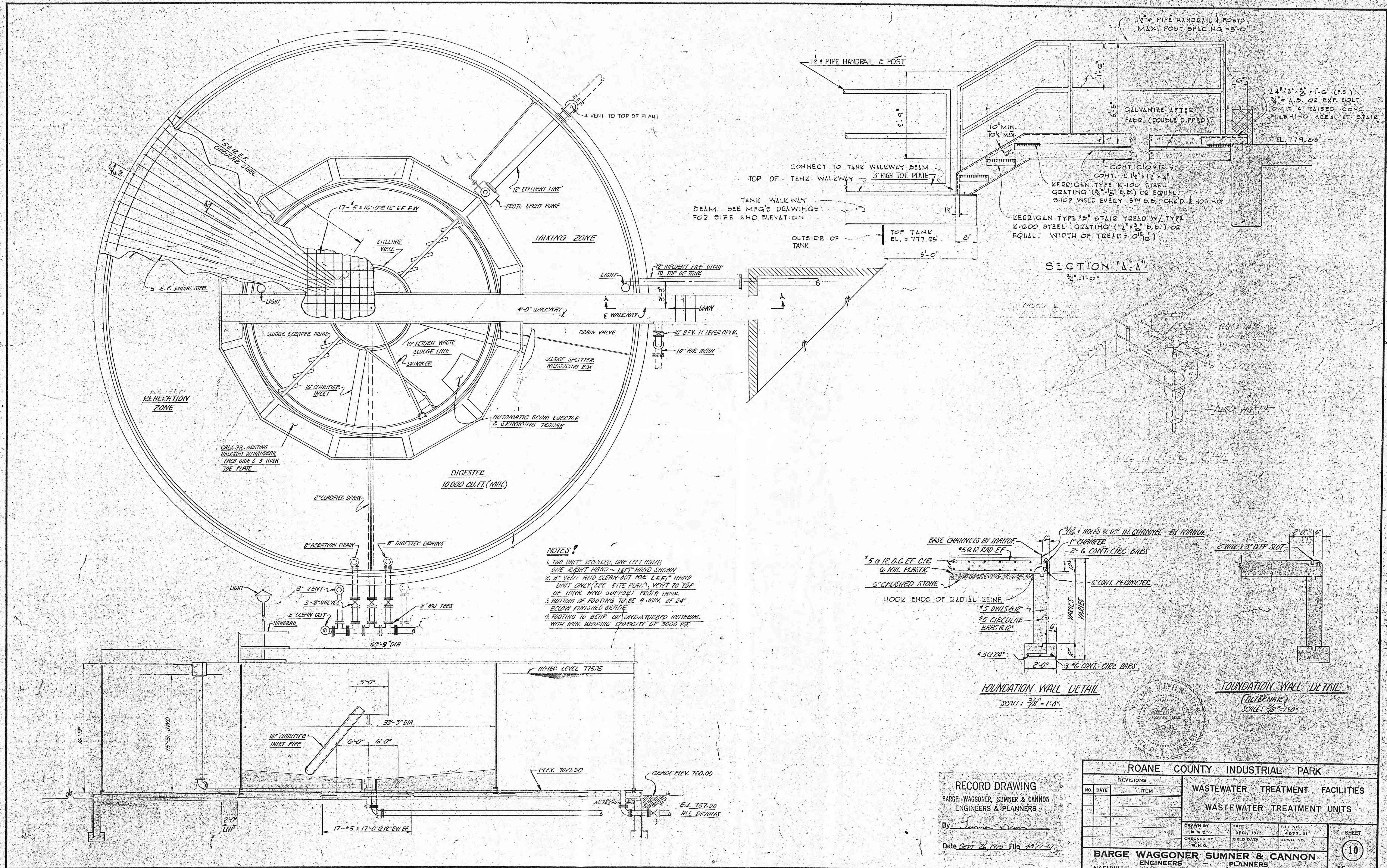
RECORD DRAWING  
BARGE, WAGGONER, SUMNER & CANNON  
ENGINEERS & PLANNERS

By *James*

Date *Sept. 26, 1975* File *107-01*

| REVISIONS                      |      |            |           | ROANE COUNTY INDUSTRIAL PARK    |  |
|--------------------------------|------|------------|-----------|---------------------------------|--|
| NO.                            | DATE | BY         | ITEM      | WASTEWATER TREATMENT FACILITIES |  |
|                                |      |            |           | STRUCTURAL SECTIONS             |  |
| DRAWN BY                       |      | DATE       | FILE NO.  | SHEET                           |  |
| J.L. CANTRELL                  |      | DEC. 1978  | 4077-01   | 9                               |  |
| CHECKED BY                     |      | FIELD DATA | DRWG. NO. | 15                              |  |
| W.H.O.                         |      |            |           | SHEETS                          |  |
| BARGE WAGGONER SUMNER & CANNON |      |            |           | 15                              |  |
| ENGINEERS PLANNERS             |      |            |           | SHEETS                          |  |
| NASHVILLE TENNESSEE MORRISTOWN |      |            |           | SHEETS                          |  |



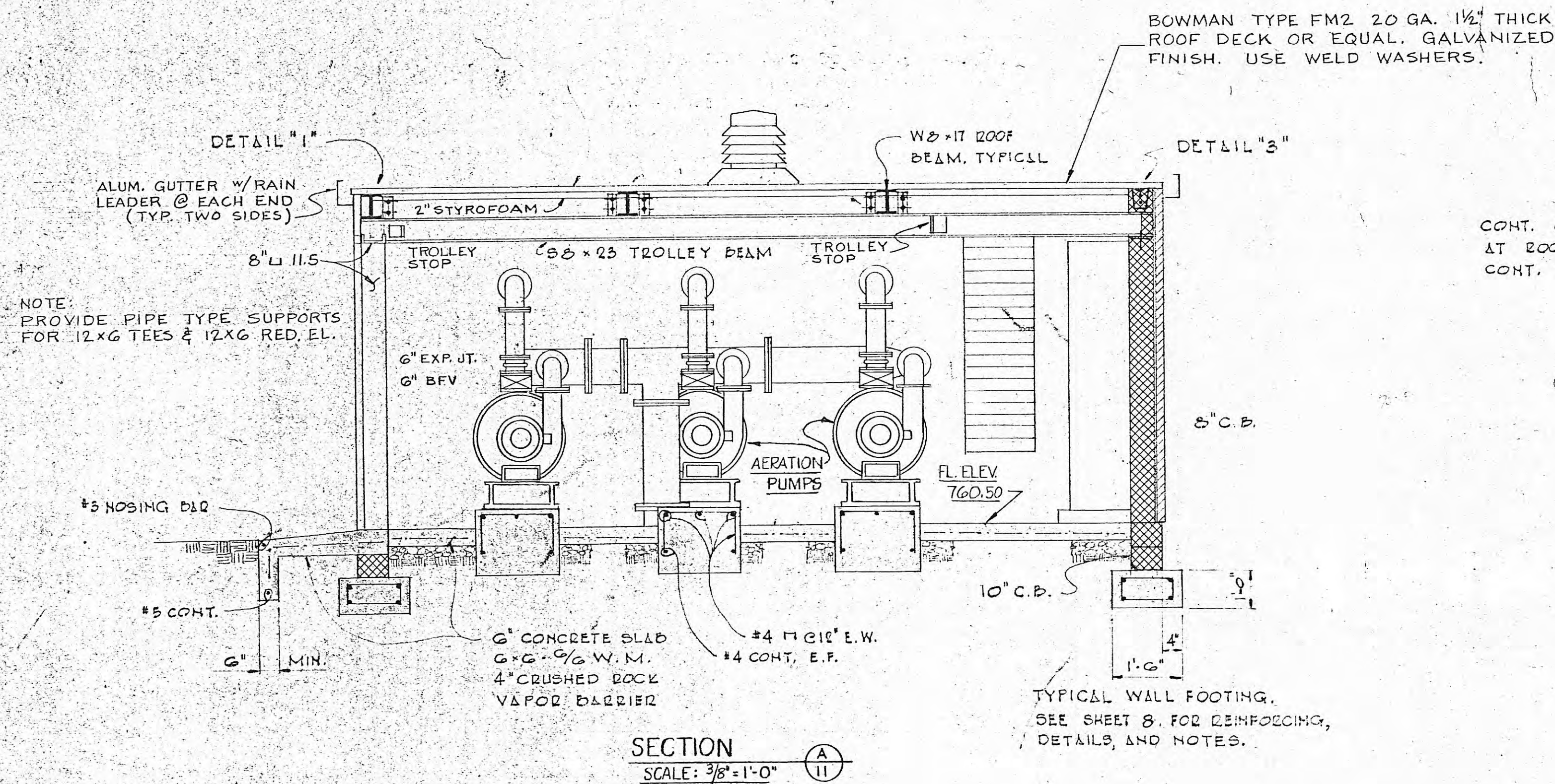


RECORD DRAWING  
 BARGE, WAGGONER, SUMNER & CANNON  
 ENGINEERS & PLANNERS

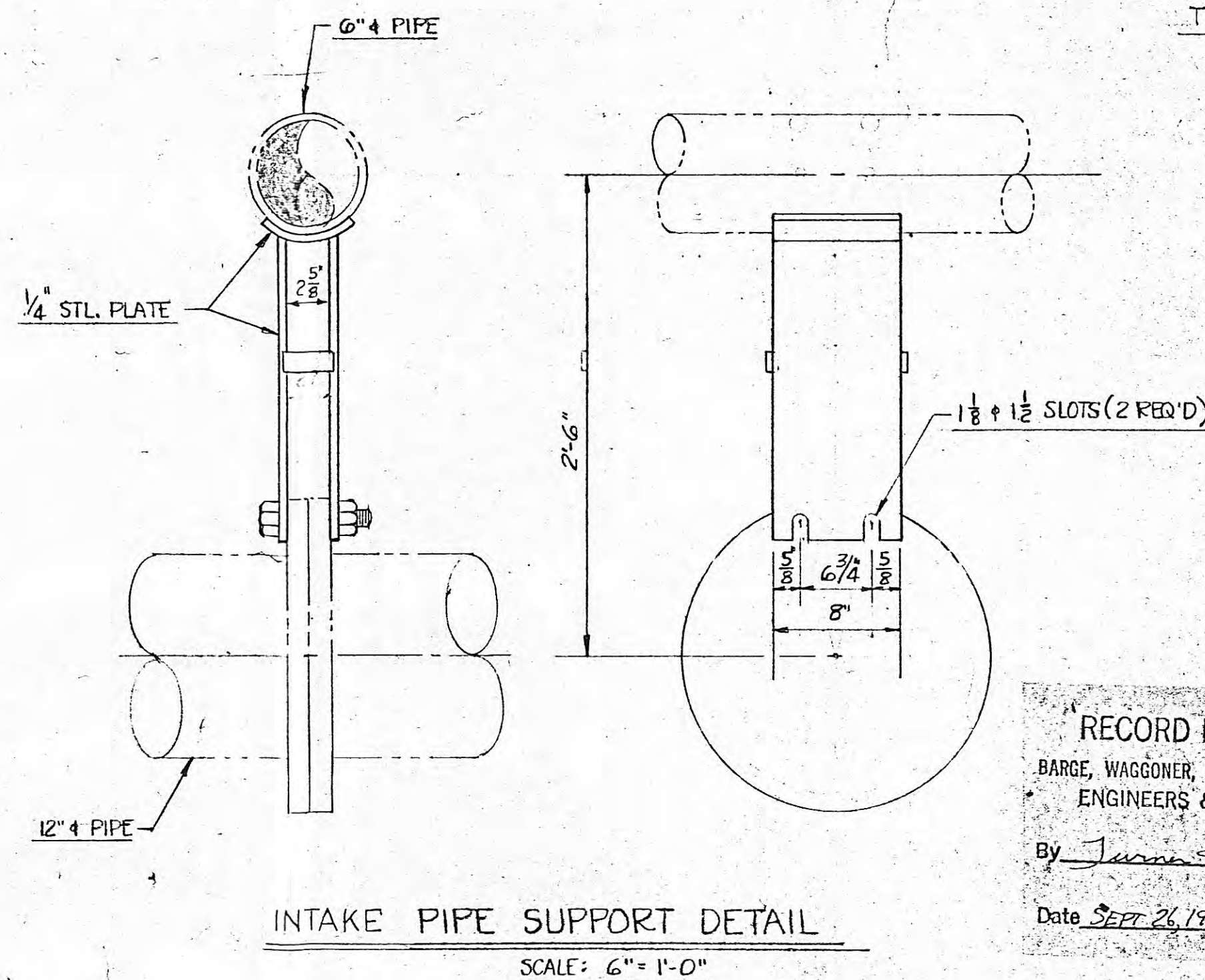
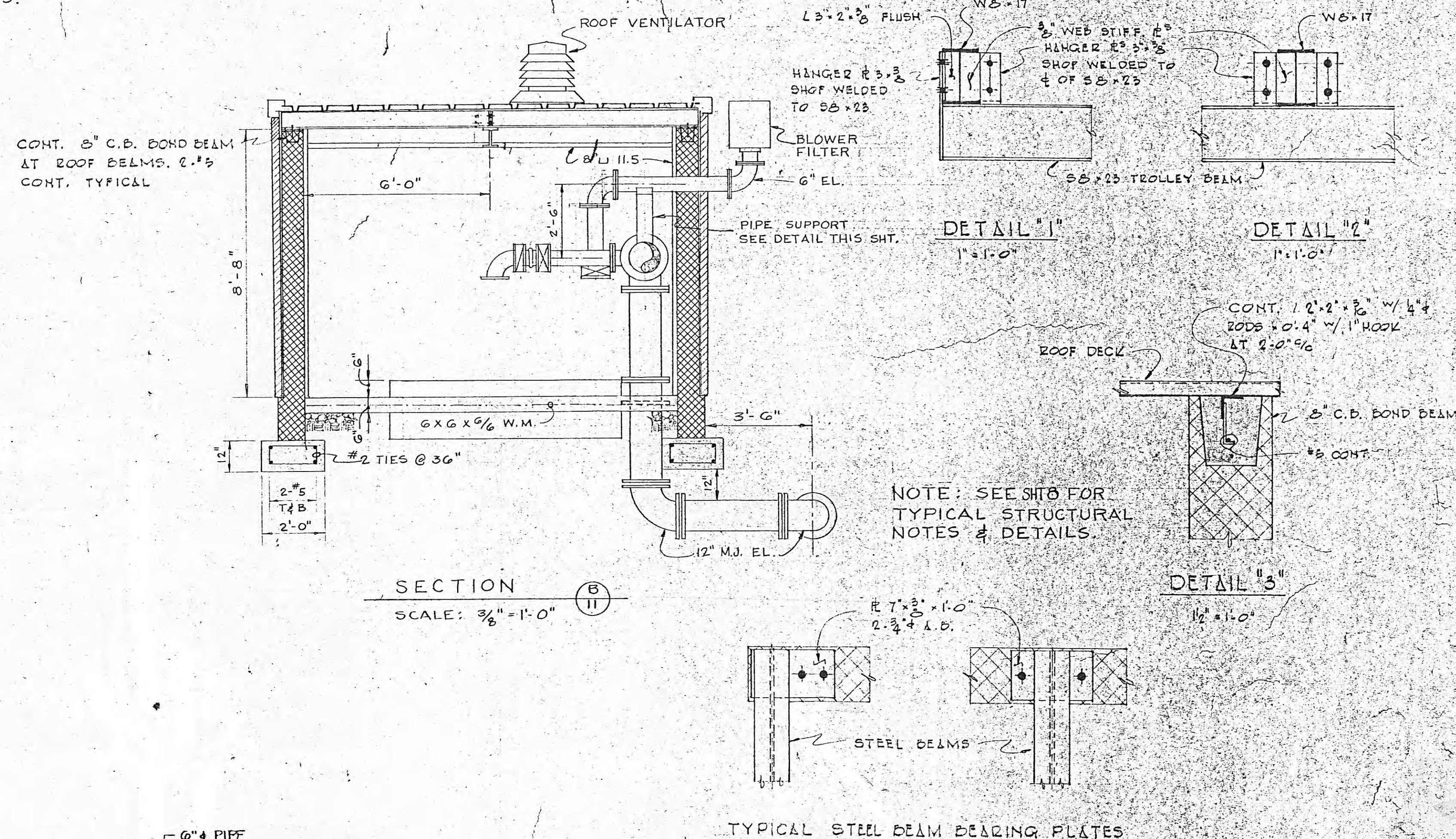
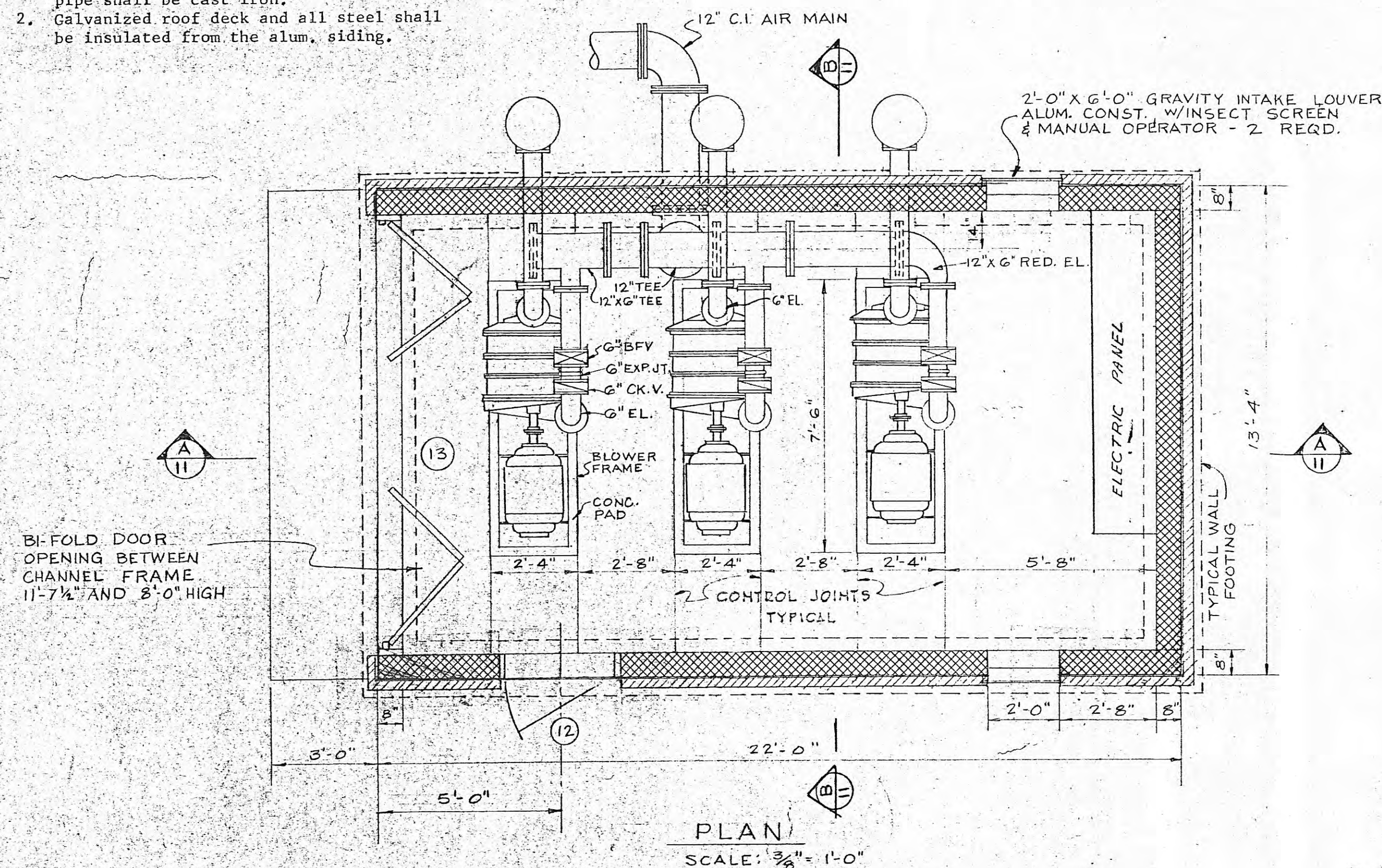
By *James D. Sumner*  
 Date *SEPT 26 1975* File *1077-01*

| ROANE COUNTY INDUSTRIAL PARK                           |      |                                                               |                     |
|--------------------------------------------------------|------|---------------------------------------------------------------|---------------------|
| REVISIONS                                              |      | WASTEWATER TREATMENT FACILITIES<br>WASTEWATER TREATMENT UNITS |                     |
| NO.                                                    | DATE |                                                               |                     |
|                                                        |      |                                                               |                     |
|                                                        |      |                                                               |                     |
|                                                        |      |                                                               |                     |
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| DRAWN BY<br>B.C. W.C.                                  |      | DATE<br>DEC. 1975                                             | FILE NO.<br>1077-01 |
| CHECKED BY<br>W.R.O.                                   |      | FIELD DATA                                                    | DRWG. NO.           |
| SHEET                                                  |      |                                                               |                     |
| BARGE WAGGONER SUMNER & CANNON<br>ENGINEERS — PLANNERS |      |                                                               |                     |
|                                                        |      |                                                               |                     |
| NASHVILLE                                              |      | TENNESSEE                                                     | MORRISTOWN          |
| OF 15 SHEETS                                           |      |                                                               |                     |





- NOTE
1. All pipes above floor shown as Std. cast iron pipe and fittings. Contractor may elect to use steel pipe as specified in Section 5, "Plant and Yard Piping, Paragraph 5.07, "Steel Air Pipe," of the specifications. All underground air pipe shall be cast iron.
  2. Galvanized roof deck and all steel shall be insulated from the alum. siding.



SPECIFICATIONS FOR BI-FOLD DOOR

Door shall be constructed of 1 3/4" x 1 1/2" gal. rectangular steel tubing as the basic frame. All corner joints shall be mitered, reinforced, welded and welds ground smooth. All intermediate stiffeners shall be on maximum 48" centers and all horizontal stiffeners shall occur at appropriate hinge locations. Cold roll sheet steel, 14 gauge, shall be spot welded to both sides of the frame. All welds shall be ground smooth and filled. All exposed surfaces shall be given one coat of rust-inhibiting primer at the factory. Hardware shall consist of heavy-duty box track recessed in floor, sufficient track brackets, heavy-duty ball bearing hangers, ball bearing strap hinges, case bolts for bottom of door, spring loaded chain bolts for top of door and hand pulls. All hardware shall be primed with a rust-inhibitive paint at the factory.

RECORD DRAWING

BARGE, WAGGONER, SUMNER & CANNON

ENGINEERS & PLANNERS

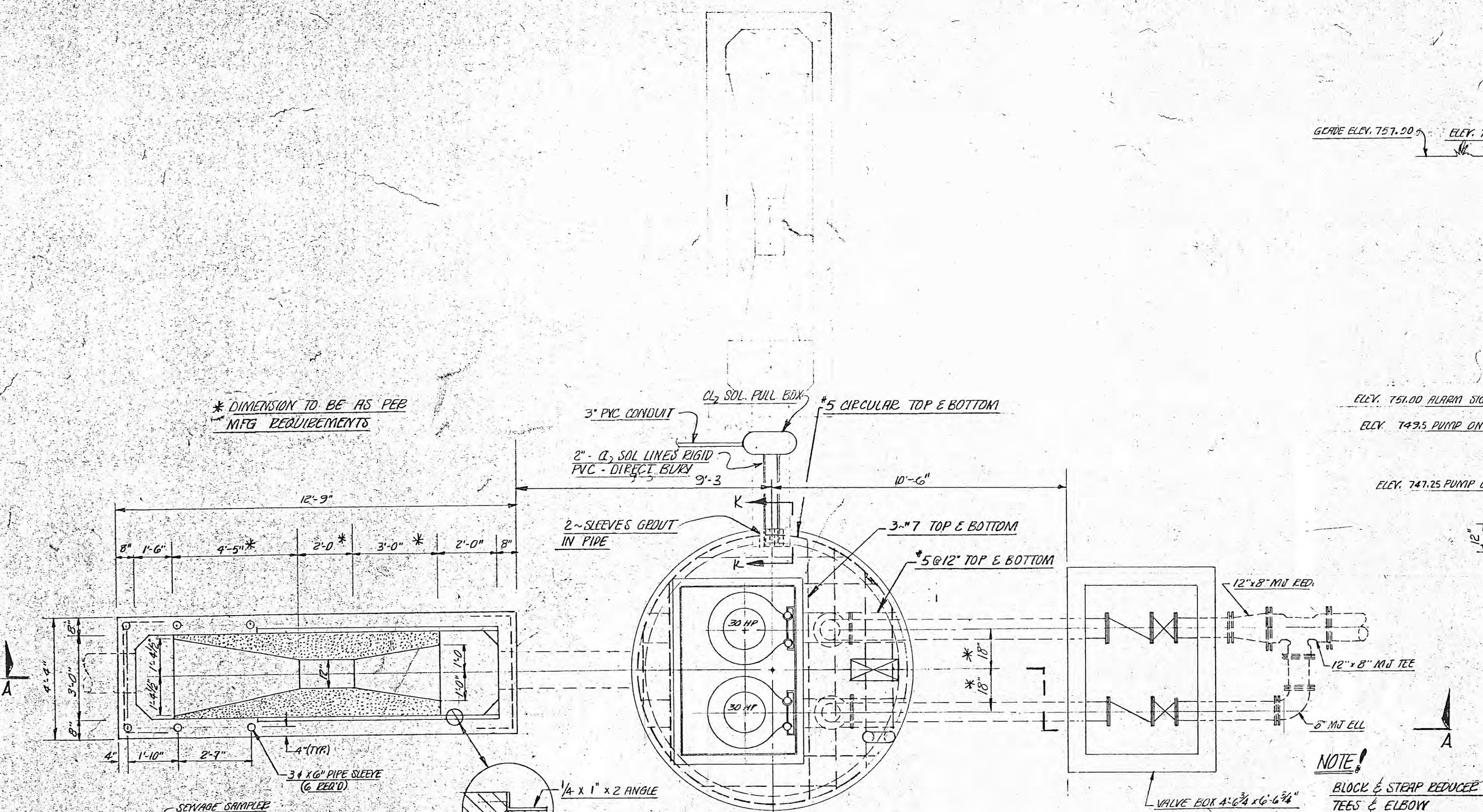
By *James D. Cannon*

Date *SEP 26 1975* File # *4077-01*

| ROANE COUNTY INDUSTRIAL PARK   |      |      | WASTEWATER TREATMENT FACILITIES |            |           |
|--------------------------------|------|------|---------------------------------|------------|-----------|
| BLOWER BUILDING                |      |      |                                 |            |           |
| NO.                            | DATE | ITEM | DRAWN BY                        | DATE       | FILE NO.  |
|                                |      |      | W.C.                            | DEC. 1973  | 4077-01   |
|                                |      |      | CHECKED BY                      | FIELD DATA | DRWG. NO. |
|                                |      |      | W.C.                            |            |           |
| BARGE WAGGONER SUMNER & CANNON |      |      | ENGINEERS PLANNERS              |            |           |
| NASHVILLE                      |      |      | MORRISTOWN                      |            |           |
|                                |      |      | SHEET 11 OF 15 SHEETS           |            |           |

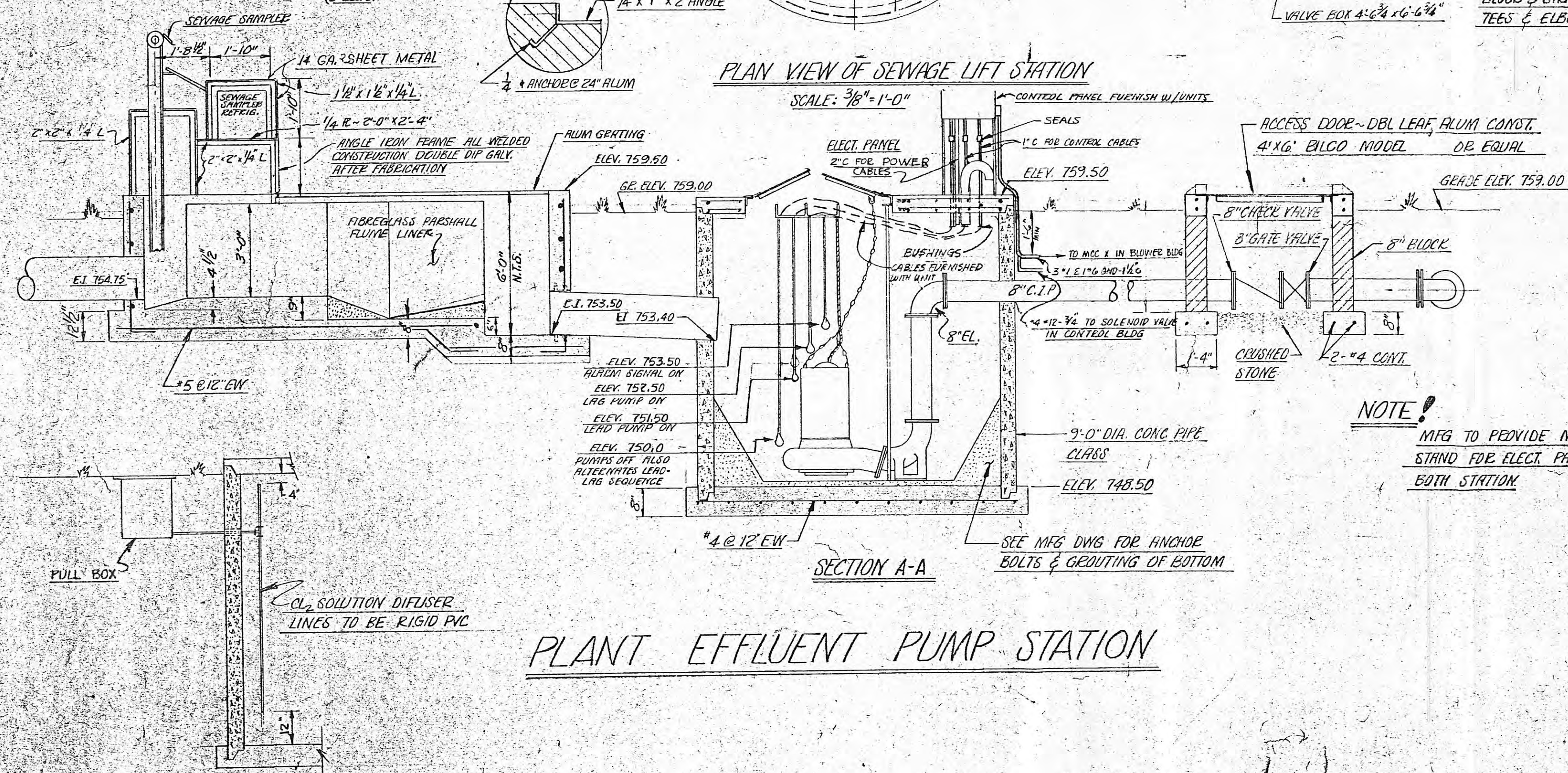


TRIM ON THIS LINE FOR SEPARATE SHEETS



PLAN VIEW OF SEWAGE LIFT STATION

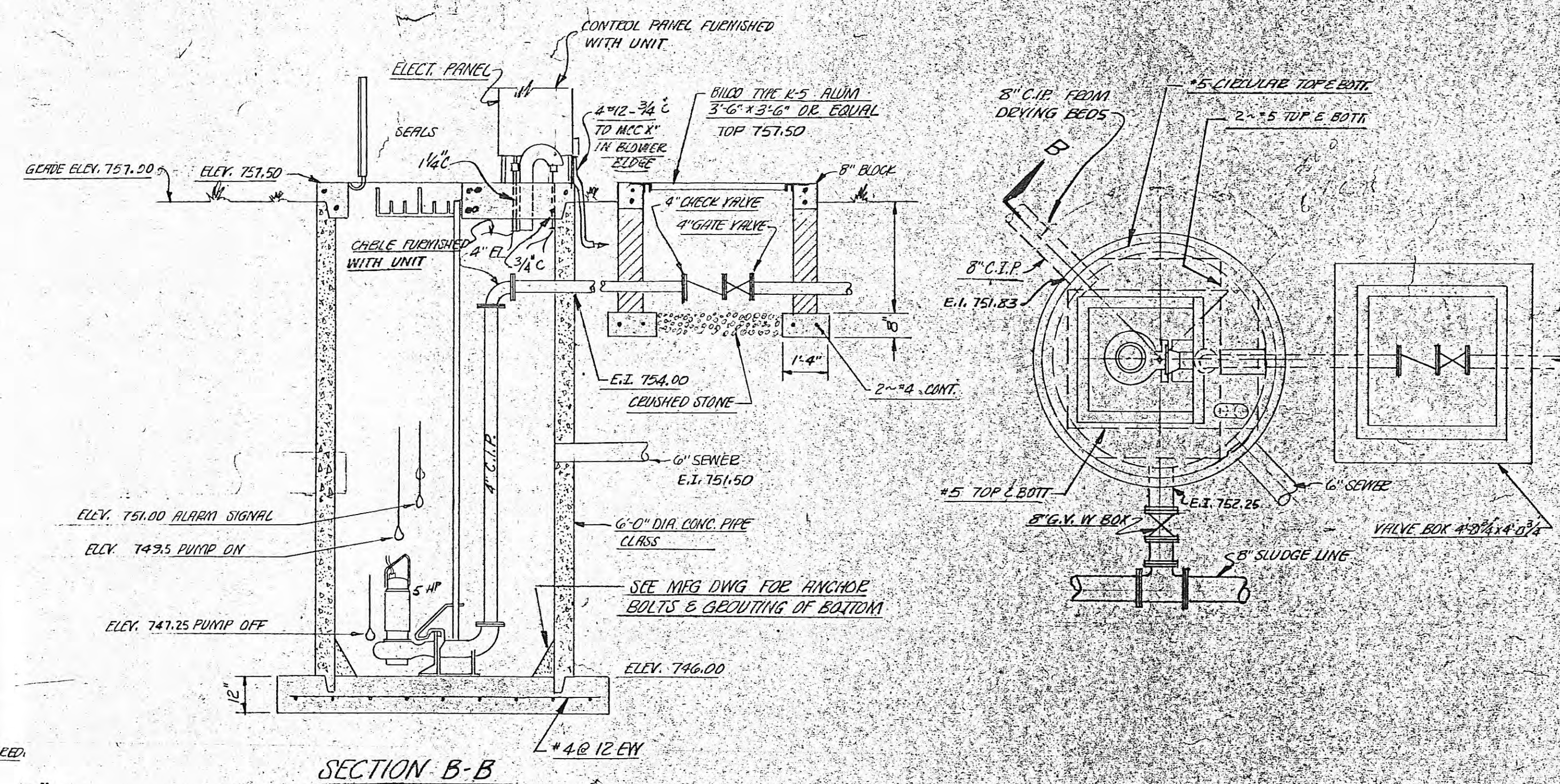
SCALE:  $\frac{3}{8}" = 1'-0"$



SECTION A-A

SEE MFG DWG FOR ANCHOR  
BOLTS & GROUTING OF BOTTOM

# PLANT EFFLUENT PUMP STATION



SECTION B-B

PLANT RETURN PUMP STATION

SCALE:  $\frac{3}{8}'' = 1'-0''$

RECORD DRAWING

BARGE, WAGGONER, SUMNER & CANNON  
ENGINEERS & PLANNERS

By D. J. [Signature]

Date SEPT 26, 1975 File 4077-01

|                                                      |      |           |                                                                                                 |                   |                     |
|------------------------------------------------------|------|-----------|-------------------------------------------------------------------------------------------------|-------------------|---------------------|
| REVISIONS                                            |      |           | ROANE COUNTY INDUSTRIAL PARK<br>WASTEWATER TREATMENT FACILITIES<br>SEWAGE PUMPING INSTALLATIONS |                   |                     |
| NO.                                                  | DATE | ITEM      |                                                                                                 |                   |                     |
|                                                      |      |           |                                                                                                 |                   |                     |
|                                                      |      |           |                                                                                                 |                   |                     |
|                                                      |      |           | DRAWN BY<br>B. M.                                                                               | DATE<br>DEC. 1973 | FILE NO.<br>4077-01 |
|                                                      |      |           | CHECKED BY<br>W. H. O.                                                                          | FIELD DATA        | DRWG. NO.           |
| BARGE WAGGONER SUMNER & CANNON<br>ENGINEERS PLANNERS |      |           |                                                                                                 |                   |                     |
| NASHVILLE                                            |      | TENNESSEE |                                                                                                 | MORRISTOWN.       |                     |

12

OF 15 SHEETS



**PLAN**  
SCALE:  $\frac{3}{8}" = 1'-0"$

**SECTION A**  
SCALE:  $\frac{3}{8}" = 1'-0"$

**SECTION B**  
SCALE:  $\frac{3}{8}" = 1'-0"$

**SECTION C**  
SCALE:  $\frac{3}{8}" = 1'-0"$

**DETAIL**  
TYR DETAIL IF DRAIN LINE MUST PASS THRU FOOTING

**NOTE**  
ALL WALLS TO BE 12" CONC. BLOCK W/ REIN. EA. COURSE  
ALL TOP COURSES TO BE SOLID MASONRY UNITS.

**RECORD DRAWING**  
BARGE, WAGGONER, SUMNER & CANNON  
ENGINEERS & PLANNERS  
By *John E. Cannon*  
Date *Sept. 28, 1975* File *2077-01*

**JOHN E. CANNON**  
METER BOX COVER  
NO. B/20, TC #14 #2 - 755.7  
#3 #4 - 754.5  
#1 - 752.07  
#2 - 752.17  
#3 - 752.21  
#4 - 752.47

**ROANE COUNTY INDUSTRIAL PARK**  
WASTEWATER TREATMENT FACILITY  
SLUDGE DRYING BEDS

**BARGE WAGGONER SUMNER & CANNON**  
ENGINEERS PLANNERS  
NASHVILLE TENNESSEE MORRISTOWN

**REVISIONS**

| NO. | DATE | ITEM |
|-----|------|------|
| 1   |      |      |
| 2   |      |      |
| 3   |      |      |
| 4   |      |      |

**DRAWN BY** *W.E.C.* **DATE** *DEC. 1, 1973* **FILE NO.** *2077-01*  
**CHECKED BY** *W.E.C.* **FIELD DATA **DRAWN BY** *W.E.C.***

**WILLIAM WATERS**  
REGISTERED PROFESSIONAL ENGINEER  
No. 12345  
State of Tennessee

**13**

[illegible]

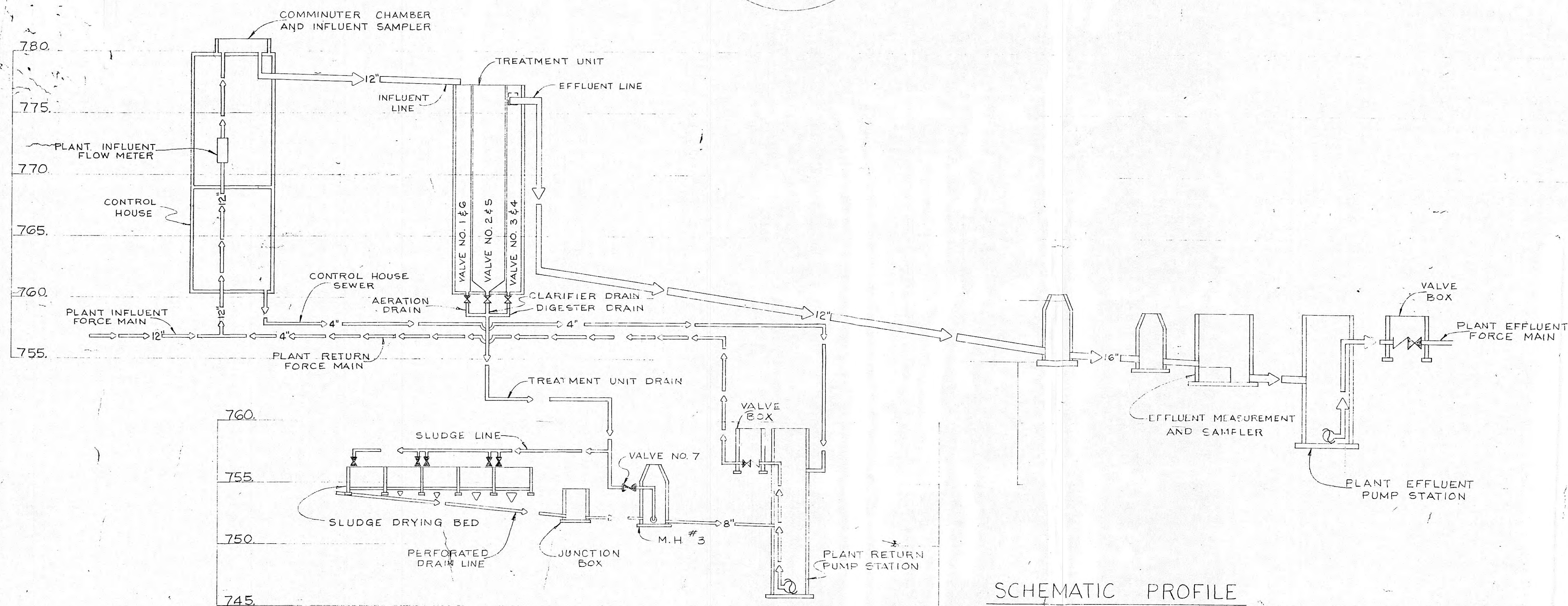
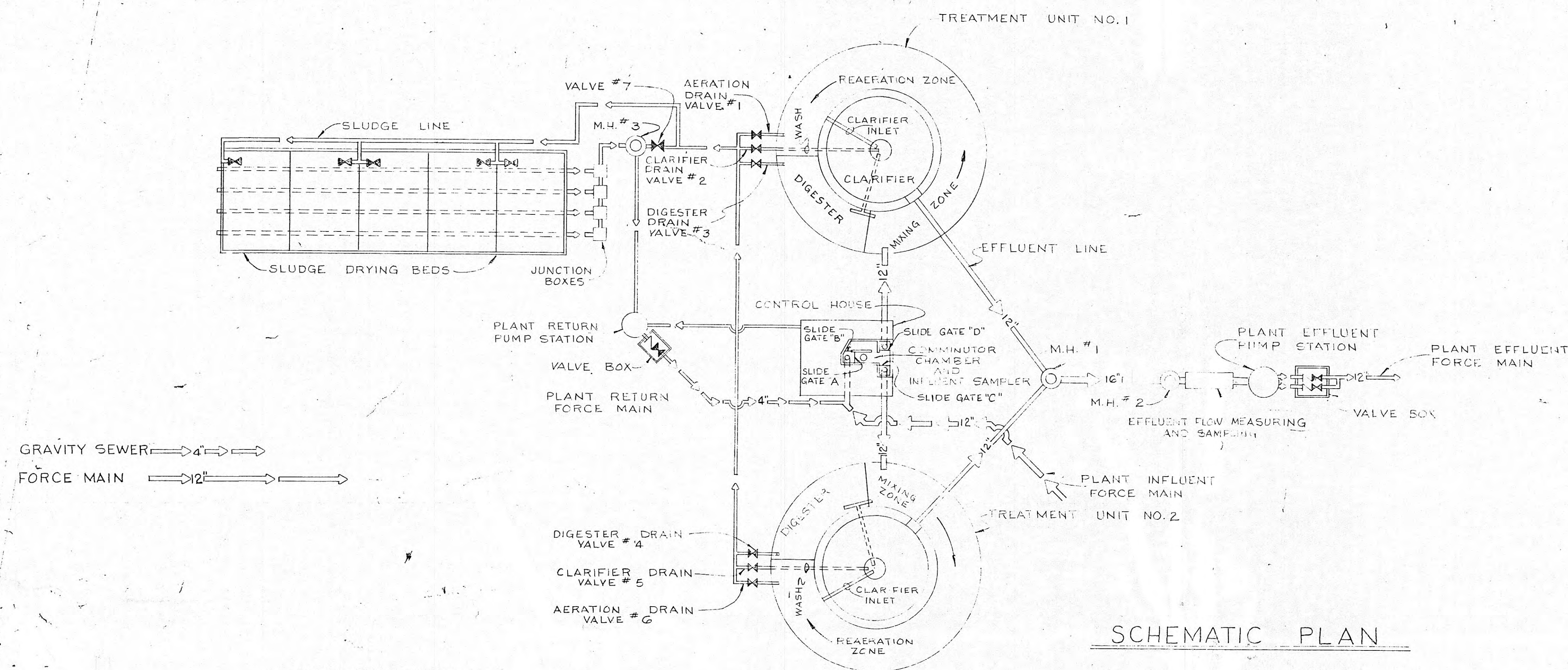












RECORD DRAWING  
BARGE, WAGGONER, SUMNER & CANNON  
ENGINEERS & PLANNERS

BARGE, WAGGONER, SUMNER & CANNON  
ENGINEERS & PLANNERS

ENGINEERS & PLANNERS

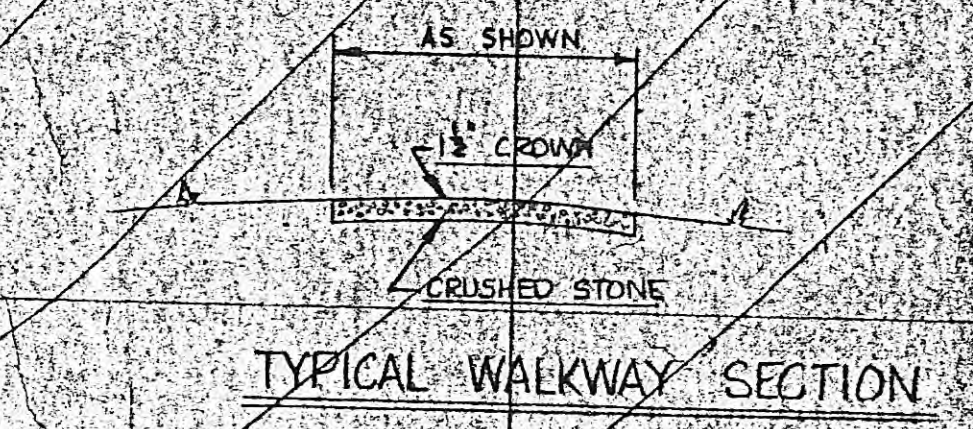
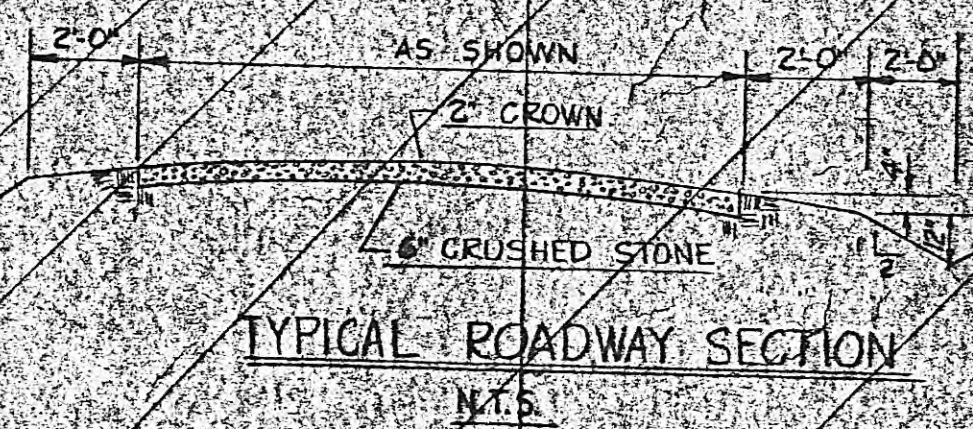
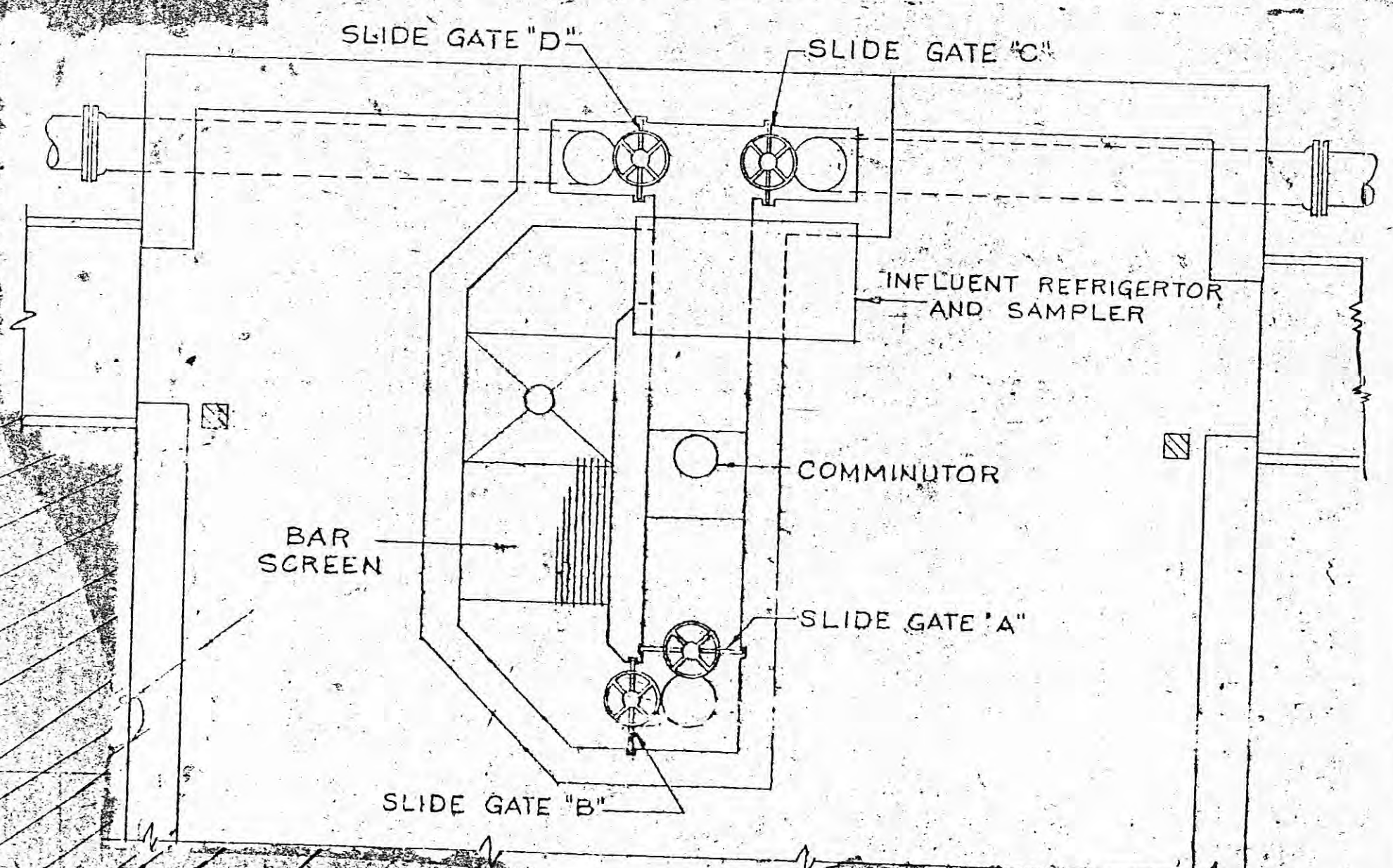
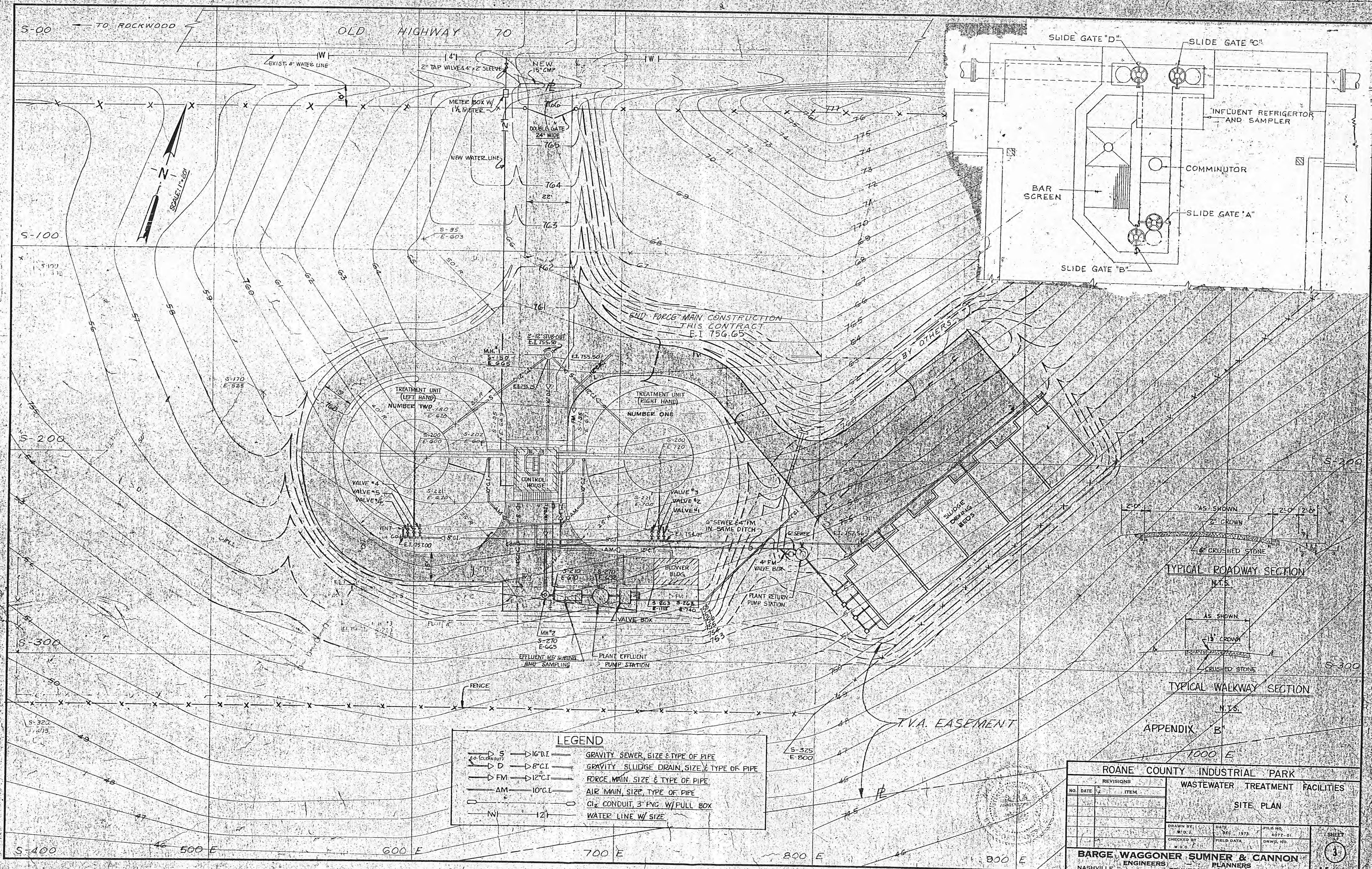
By James D.

Date SEPT 26 1975 File # 107-1

APPENDIX "A"

|                                |      |      |  |                                                                                       |  |
|--------------------------------|------|------|--|---------------------------------------------------------------------------------------|--|
| ROANE COUNTY INDUSTRIAL PARK   |      |      |  | WASTEWATER TREATMENT FACILITIES                                                       |  |
| REVISIONS                      |      |      |  | PLANT FLOW SCHEMATIC                                                                  |  |
| NO.                            | DATE | ITEM |  |                                                                                       |  |
|                                |      |      |  |                                                                                       |  |
|                                |      |      |  |                                                                                       |  |
|                                |      |      |  |                                                                                       |  |
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|                                |      |      |  |                                                                                       |  |
|                                |      |      |  |                                                                                       |  |
| DRAWN BY<br>W. W. C.           |      |      |  | DATE<br>DEC, 1973                                                                     |  |
| CHECKED BY                     |      |      |  | FIELD DATA                                                                            |  |
|                                |      |      |  | FILE NO<br>4077-01                                                                    |  |
|                                |      |      |  | DRAW. NO.                                                                             |  |
| BARGE WAGGONER SUMNER & CANNON |      |      |  | SHEET                                                                                 |  |
| NASHVILLE                      |      |      |  |  |  |
| ENGINEERS                      |      |      |  | PLANNERS                                                                              |  |
| TENNESSEE                      |      |      |  | MORRISTOWN                                                                            |  |
|                                |      |      |  | OF 5 SHEETS                                                                           |  |





**LEGEND**

|    |          |                                            |
|----|----------|--------------------------------------------|
| S  | 16" D.I. | GRAVITY SEWER, SIZE & TYPE OF PIPE         |
| D  | 8" C.I.  | GRAVITY SLUDGE DRAIN, SIZE & TYPE OF PIPE  |
| FM | 12" C.I. | FORCE MAIN, SIZE & TYPE OF PIPE            |
| AM | 10" C.I. | AIR MAIN, SIZE & TYPE OF PIPE              |
| ○  | ○        | CL <sub>2</sub> CONDUIT, 3" PVC W/PULL BOX |
| W  | 12"      | WATER LINE W/ SIZE                         |

| ROANE COUNTY INDUSTRIAL PARK                                          |  |                                                                                             |    |
|-----------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------|----|
| WASTEWATER TREATMENT FACILITIES                                       |  |                                                                                             |    |
| SITE PLAN                                                             |  |                                                                                             |    |
| REVISIONS<br>NO. DATE BY ITEM                                         |  | DRAWN BY: W.D.S.<br>CHECKED BY: W.D.S.<br>DATE: DEC. 1977<br>FILE NO.: 4077-01<br>DRAWN BY: |    |
| BARGE, WAGGONER, SUMNER & CANNON<br>ENGINEERS<br>NASHVILLE, TENNESSEE |  | PLANNERS<br>MORRISTOWN, TENNESSEE                                                           |    |
| SHEET 3 OF 15 SHEETS                                                  |  |                                                                                             | 15 |



# ROANE COUNTY INDUSTRIAL PARK

J. FRANK QUALLS, COUNTY JUDGE

INDUSTRIAL DEVELOPMENT BOARD OF THE COUNTY OF ROANE, TENNESSEE

ROBERT R. ELLIS, CHAIRMAN

GEORGE HOLLSTEIN, V-CHM.

DALE R. BORING, SEC.-TR.

DONALD G. BURNEY

WILLIAM A. BURROWS

ALBERT J. COOK

WALTER A. REED

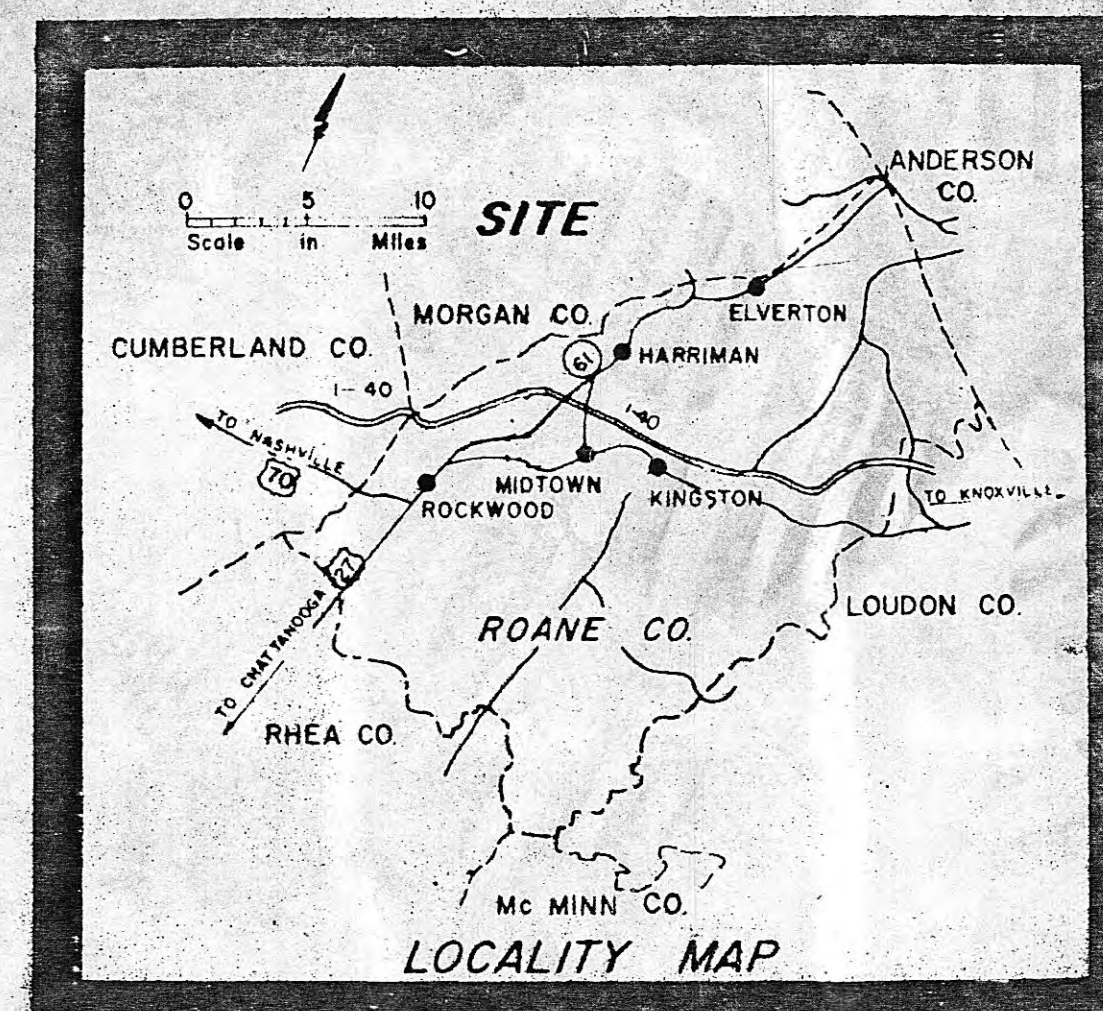
RUSSELL E. SIMMONS

J. C. PARKER

MAURICE K. WILLIAMS

KENNETH C. YORK, COMMISSIONER

WASTEWATER TREATMENT FACILITIES  
E P A PROJECT NO. C 470276 (ARC)

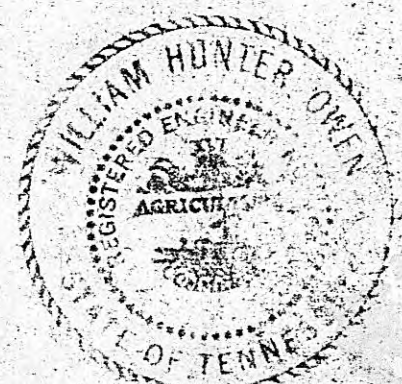


CONTRACT D

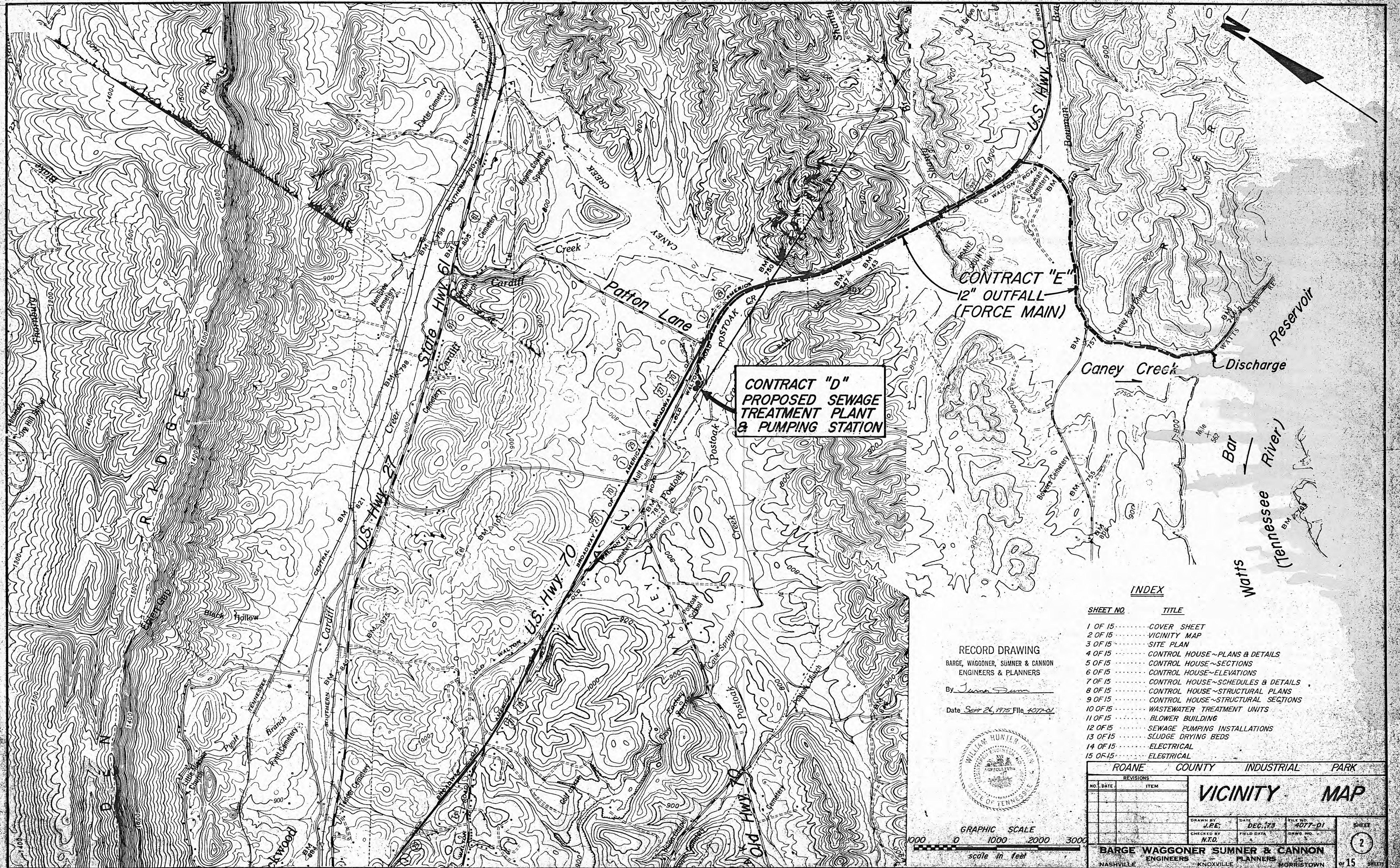
SET NO. \_\_\_\_\_

**BARGE, WAGGONER, SUMNER AND CANNON**  
NASHVILLE ENGINEERS PLANNERS MORRISTOWN

RECORD DRAWING  
BARGE, WAGGONER, SUMNER & CANNON  
ENGINEERS & PLANNERS  
By *Jason Sumner*  
Date *SEPT 26, 1975* File *4077-D*



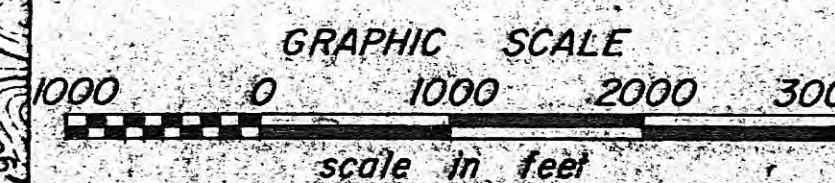




RECORD DRAWING  
BARGE, WAGGONER, SUMNER & CANNON  
ENGINEERS & PLANNERS

By *James Sumner*

Date *Sept 26, 1975* File *4077-01*



INDEX

| SHEET NO. | TITLE                             |
|-----------|-----------------------------------|
| 1 OF 15   | COVER SHEET                       |
| 2 OF 15   | VICINITY MAP                      |
| 3 OF 15   | SITE PLAN                         |
| 4 OF 15   | CONTROL HOUSE~PLANS & DETAILS     |
| 5 OF 15   | CONTROL HOUSE~SECTIONS            |
| 6 OF 15   | CONTROL HOUSE~ELEVATIONS          |
| 7 OF 15   | CONTROL HOUSE~SCHEDULES & DETAILS |
| 8 OF 15   | CONTROL HOUSE~STRUCTURAL PLANS    |
| 9 OF 15   | CONTROL HOUSE~STRUCTURAL SECTIONS |
| 10 OF 15  | WASTEWATER TREATMENT UNITS        |
| 11 OF 15  | BLOWER BUILDING                   |
| 12 OF 15  | SEWAGE PUMPING INSTALLATIONS      |
| 13 OF 15  | SLUDGE DRYING BEDS                |
| 14 OF 15  | ELECTRICAL                        |
| 15 OF 15  | ELECTRICAL                        |

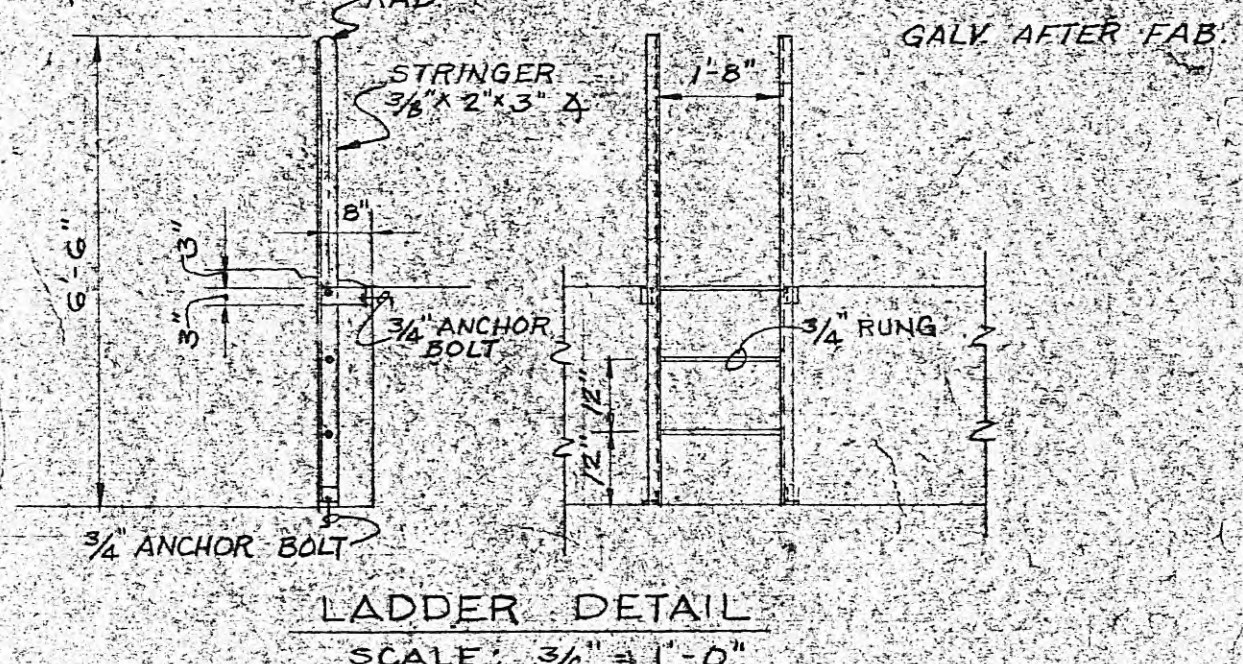
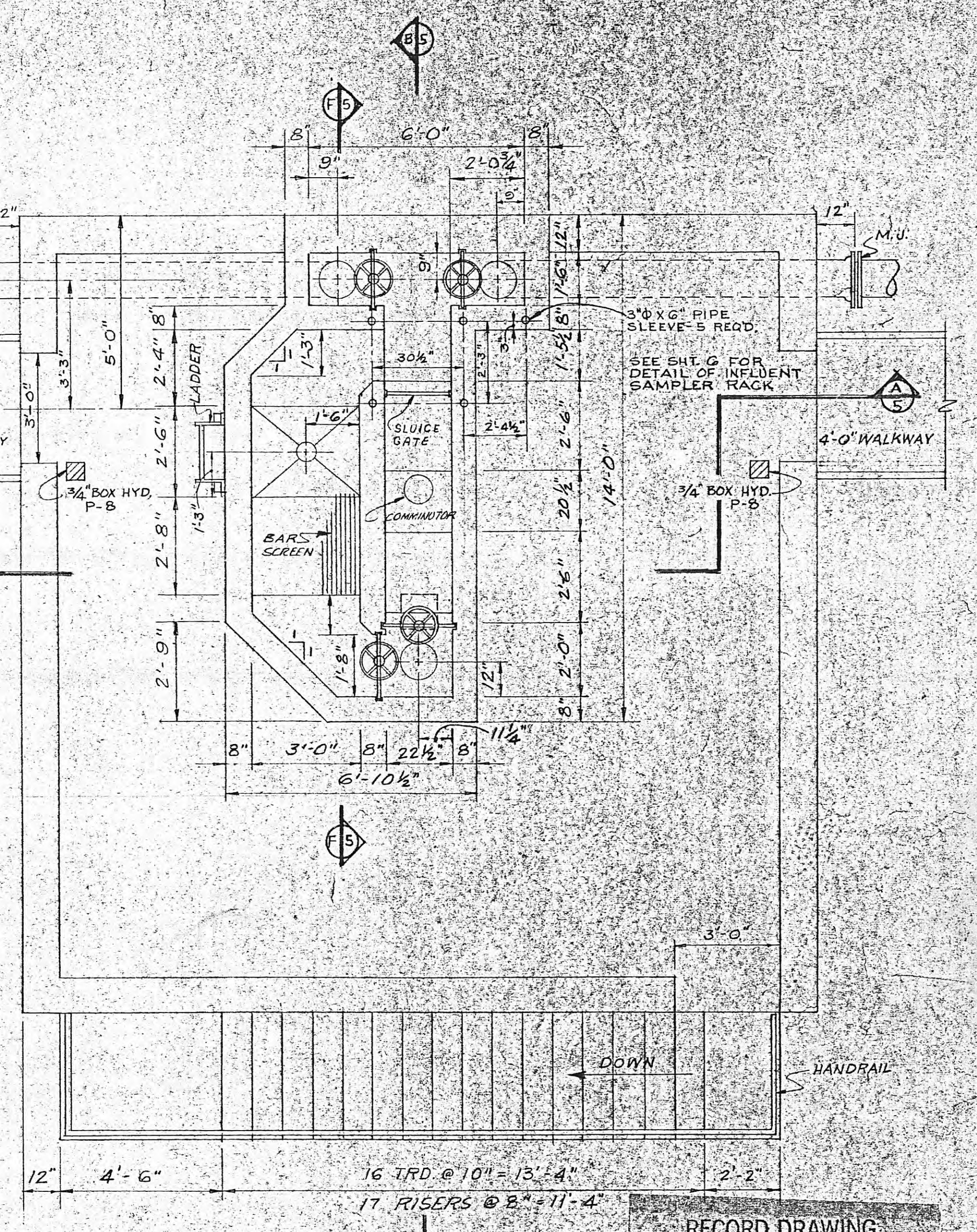
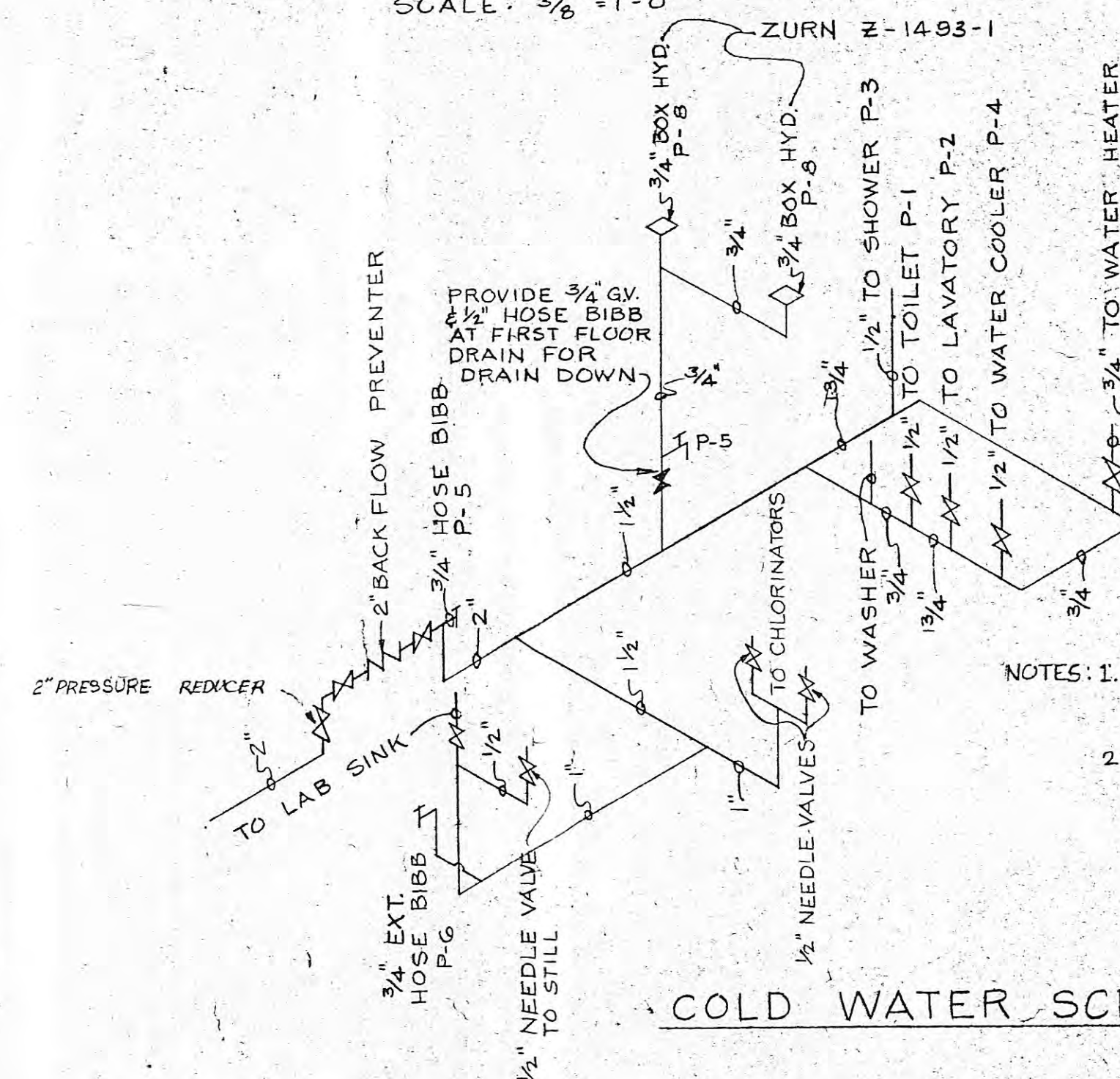
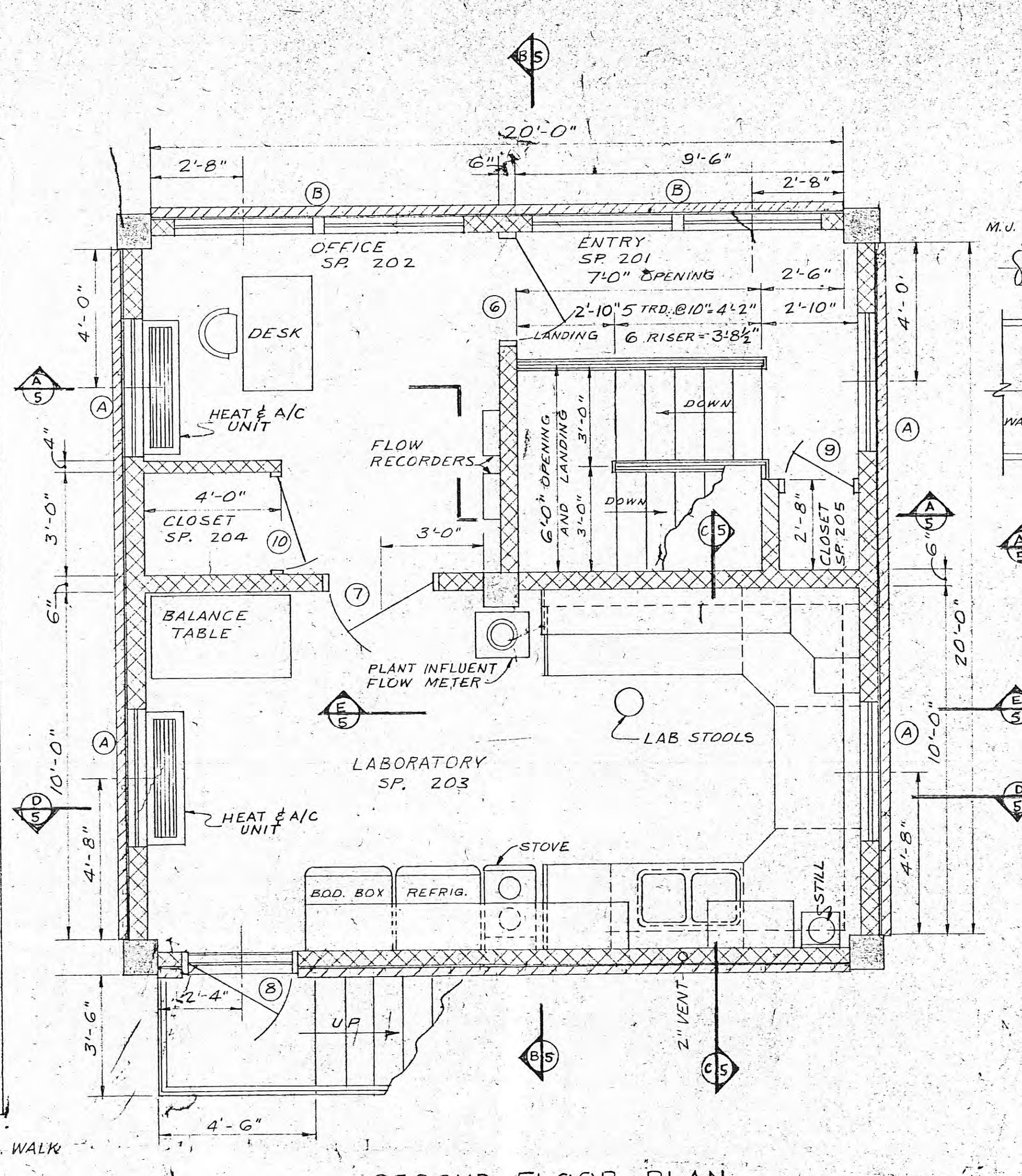
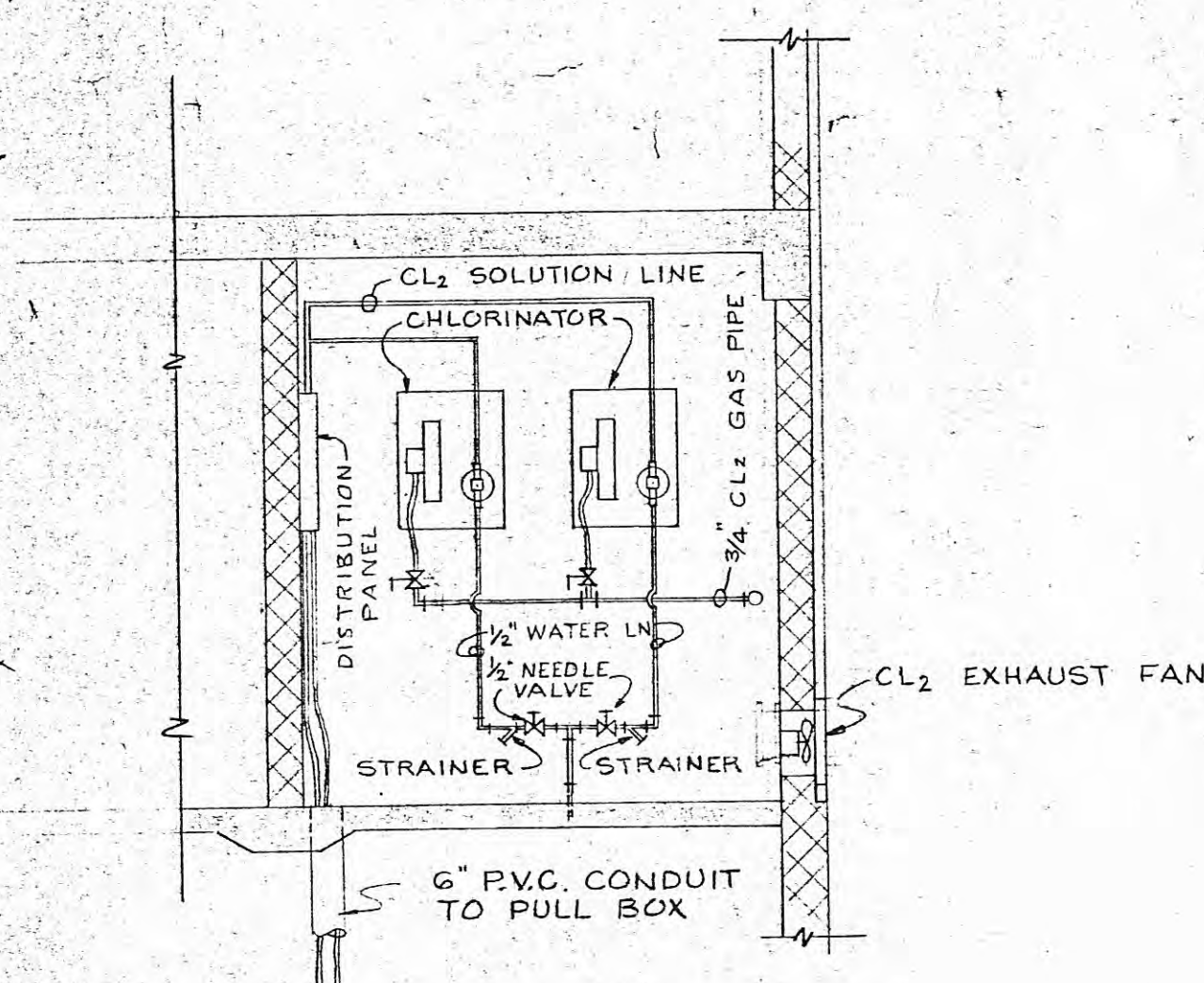
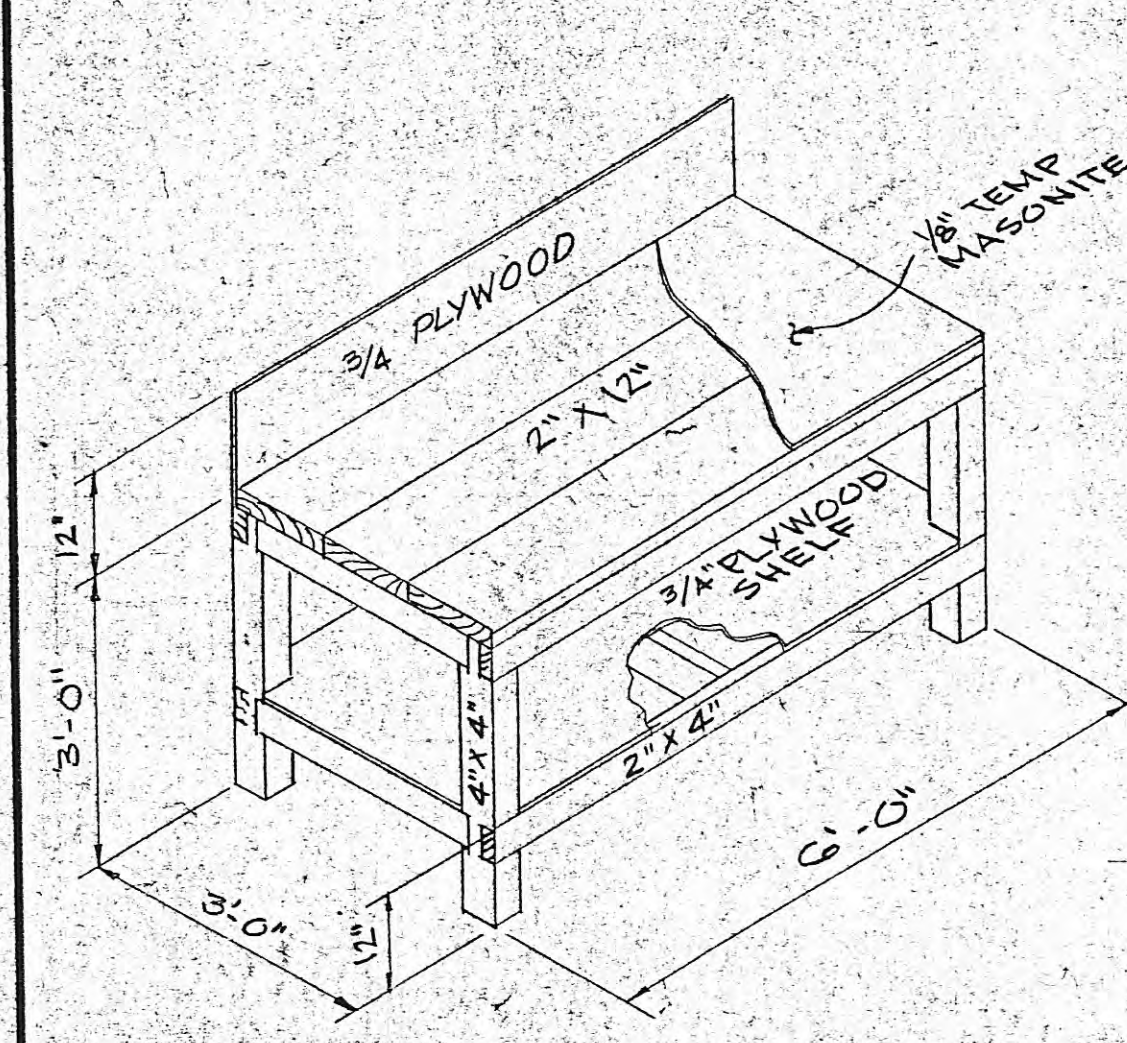
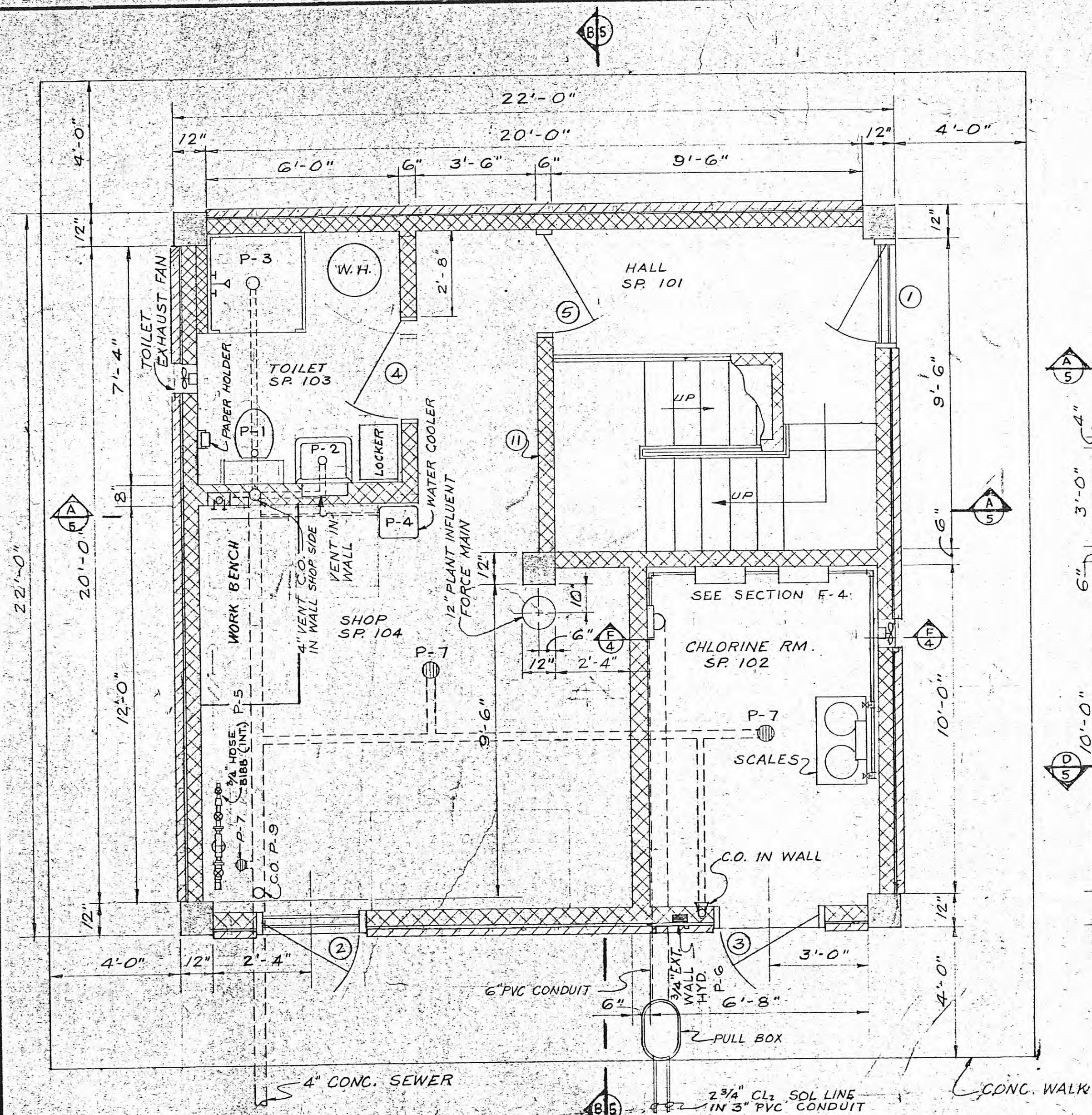
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| ROANE COUNTY INDUSTRIAL PARK                                                           |      |                                   |
| REVISIONS                                                                              |      |                                   |
| NO.                                                                                    | DATE | ITEM                              |
|                                                                                        |      |                                   |
| DRAWN BY <i>J.R.E.</i> DATE <i>DEC. 173</i> FILE NO. <i>4077-01</i>                    |      | SHEET<br><b>2</b><br>OF 15 SHEETS |
| CHECKED BY <i>N.T.D.</i> FIELD DATA <i>A</i> DRAWING NO. <i>A</i>                      |      |                                   |
| BARGE WAGGONER SUMNER & CANNON<br>ENGINEERS PLANNERS<br>NASHVILLE KNOXVILLE MORRISTOWN |      |                                   |







TRIM ON THIS LINE FOR SEPARATE SHEETS



RECORD DRAWING  
BARGE, WAGGONER, SUMNER & CANNON  
ENGINEERS & PLANNERS  
By *James D. Cannon*  
Date *SEP 26, 1975* File *2077*

- NOTES: 1. PROVIDE HOT WATER PIPING TO SHOWER, LAVATORY AND LAB. SINK.  
2. BACKFLOW PREVENTER SHALL BE 2" IN SIZE W/ SCREWED CONNECTIONS OF THE REDUCED PRESSURE DESIGN SIMILAR & EQUAL TO BEECO MODEL G-C W/ GATE VALVES.

| REVISIONS |      |      |  |
|-----------|------|------|--|
| NO.       | DATE | ITEM |  |
|           |      |      |  |
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| ROANE COUNTY INDUSTRIAL PARK    |            |                    |       |
|---------------------------------|------------|--------------------|-------|
| WASTEWATER TREATMENT FACILITIES |            |                    |       |
| CONTROL HOUSE                   |            |                    |       |
| PLANS & DETAILS                 |            |                    |       |
| DRAWN BY                        | DATE       | FILE NO.           | SHEET |
| W.D.C.                          | DEC. 1975  | 4077-01            | 4     |
| CHECKED BY                      | FIELD DATA | DRWG. NO.          |       |
| W.D.C.                          |            |                    |       |
| BARGE WAGGONER SUMNER & CANNON  |            | ENGINEERS PLANNERS |       |
| NASHVILLE                       |            | TENNESSEE          |       |
|                                 |            | MORRISTOWN         |       |
|                                 |            | OF 15 SHEETS       |       |



Architectural floor plan of a building, likely a utility or industrial structure, showing mechanical and plumbing details. The plan includes the following elements:

- Top Section:**
  - SLUICE GATE** and **COMMUNUTOR** (likely a comminutor) are located at the top right.
  - ELEV. 779.84** is marked on the left side of the top section.
  - 2" RIGID INSULATION** is indicated on the top wall.
- Central Section:**
  - A **HEAT & A/C UNIT** is located in the center-left area.
  - A vertical pipe or duct runs through the center of the plan.
  - ELEV. 769.17** is marked on the right side of the central section.
- Bottom Section:**
  - A **2" PRESSURE REDUCING VALVE** and a **2" BACKFLOW PREVENTER** are located on the left side of the bottom section.
  - ELEV. 760.50** is marked on the right side of the bottom section.
  - A **6" SEWER** line is shown at the bottom left, with an elevation of **E.I. 758.25**.
  - A **16" D.I.P.** (Diameter of Internal Pipe) is indicated at the bottom center.
- Other Details:**
  - A door is shown on the right side of the bottom section, labeled with a circled **11**.
  - A window is shown on the left side of the central section.
  - A small circular feature, possibly a vent or access point, is located on the right side of the central section.

Architectural drawing of a kitchen section. The drawing shows a wall with a diamond-patterned border. The wall features a set of upper cabinets (3'0" wide) and a set of lower cabinets (3'0" wide). A carboy (5 GAL. CARBOY) is positioned on a stand (5 SP/120") to the right of the upper cabinets. The carboy is labeled "TWO CORNER CABINETS TO HAVE TWO SHELF TURNABLE INTERIOR". Dimensions are provided for the wall and the carboy stand. The wall dimensions are: 3'0" (width of upper cabinets), 12" (height of upper cabinets), 16" (height of lower cabinets), 3'0" (width of lower cabinets), 16" (height of carboy stand), and 16" (width of carboy stand). The carboy stand dimensions are: 3'5" (width of carboy stand), 3'4" (width of carboy stand), 3'5" (width of carboy stand), and 10'4" (total width of carboy stand). The drawing is labeled "SECTION" and "SCALE: 3/8"=1'-0" (5/8)".

Architectural drawing of a kitchen section. The drawing shows a layout of cabinets, a stove, a refrigerator, and a heating/air conditioning unit. Dimensions are provided for various components and overall sections.

**Top Dimensions (from left to right):**

- 2'-0"
- 2'-6"
- 2'-3"
- 3'-11"
- 5'-6"

**Bottom Dimensions (from left to right):**

- 3'-5"
- 3'-11"
- 1'-11"
- 9'-3"

**Labels and Notes:**

- STILL MOUNTED (on the left wall)
- 24"x30" PEGBOARD (above the stove)
- STOVE
- REFRIG.
- B.O.D. BOX
- HEATING & A/C UNIT (with a 20" dimension)
- 15" (on the right wall)

**Section and Scale:**

SECTION  $\frac{1}{8}" = 1'-0"$  (D 5)

12" FLG. ADAPTER  
DRESSER STYLE 127

12" C/P

12" X 8" RED.

PLANT INFILL  
FLOW METER

12" C/P

3'-11"

3'-4"

2'-0"

16"

2'-0"

6'-10"

9'-3"

3'-6"

SECTION  
SCALE: 3/8" = 1'-0"

5

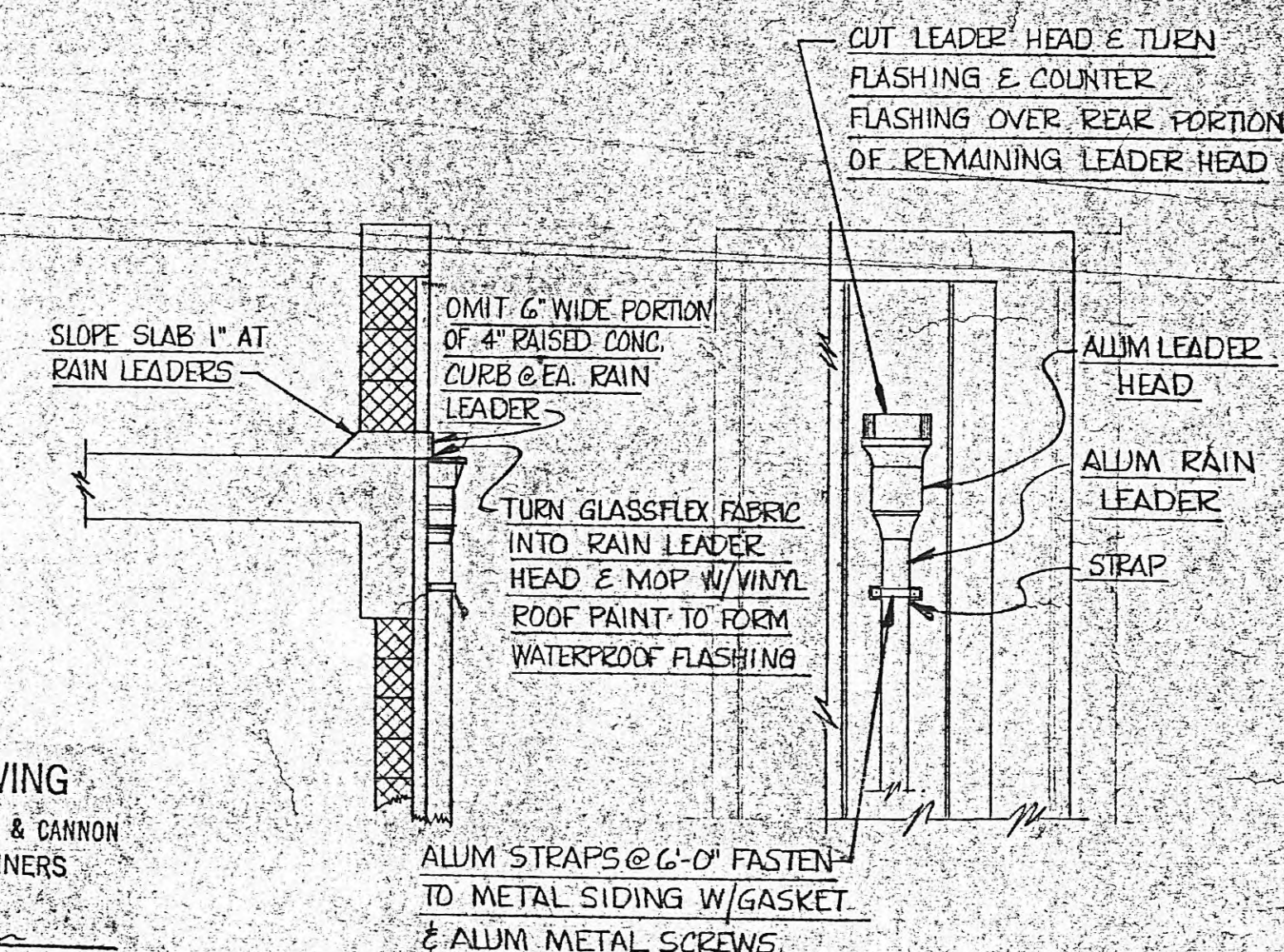
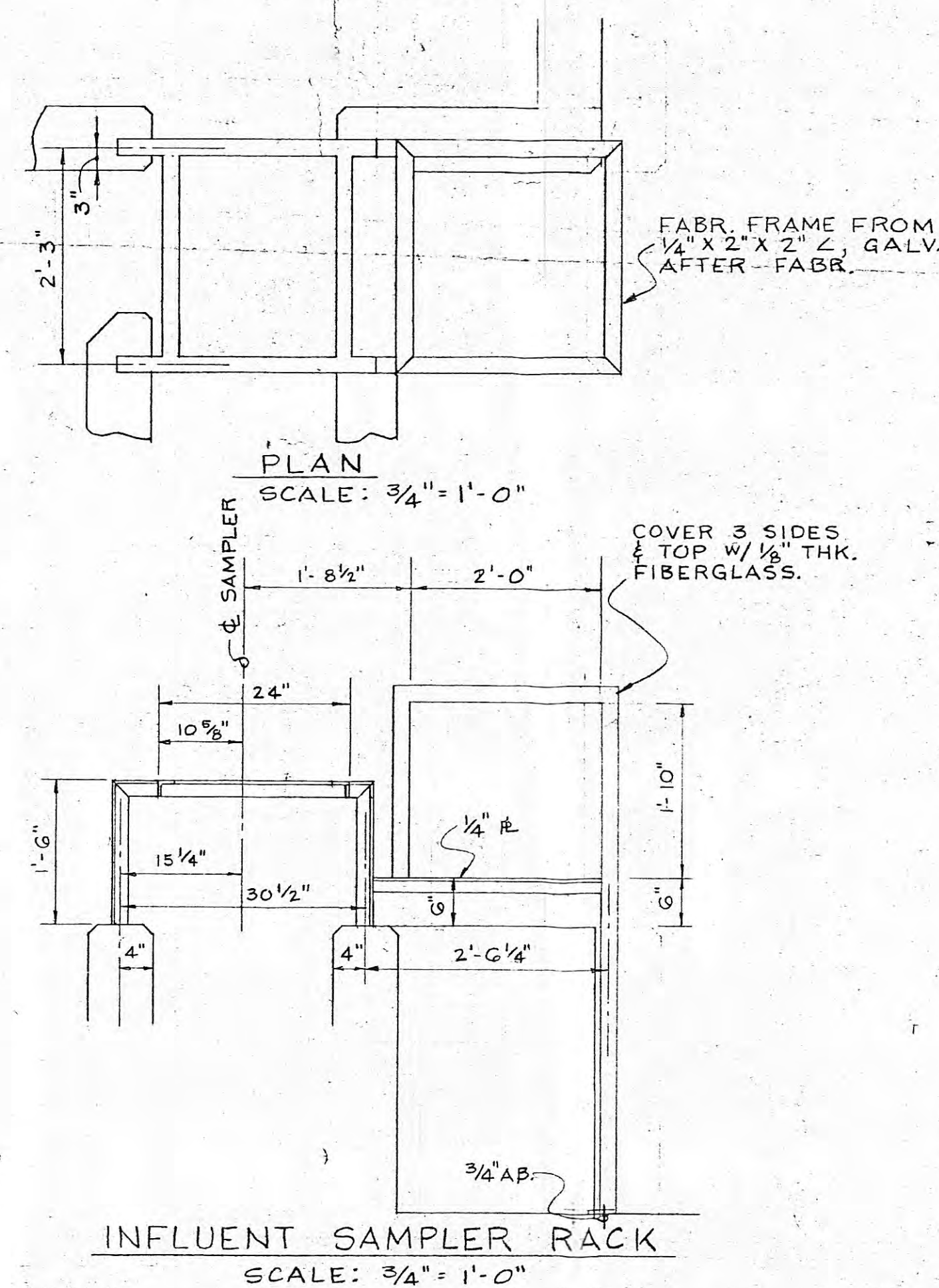
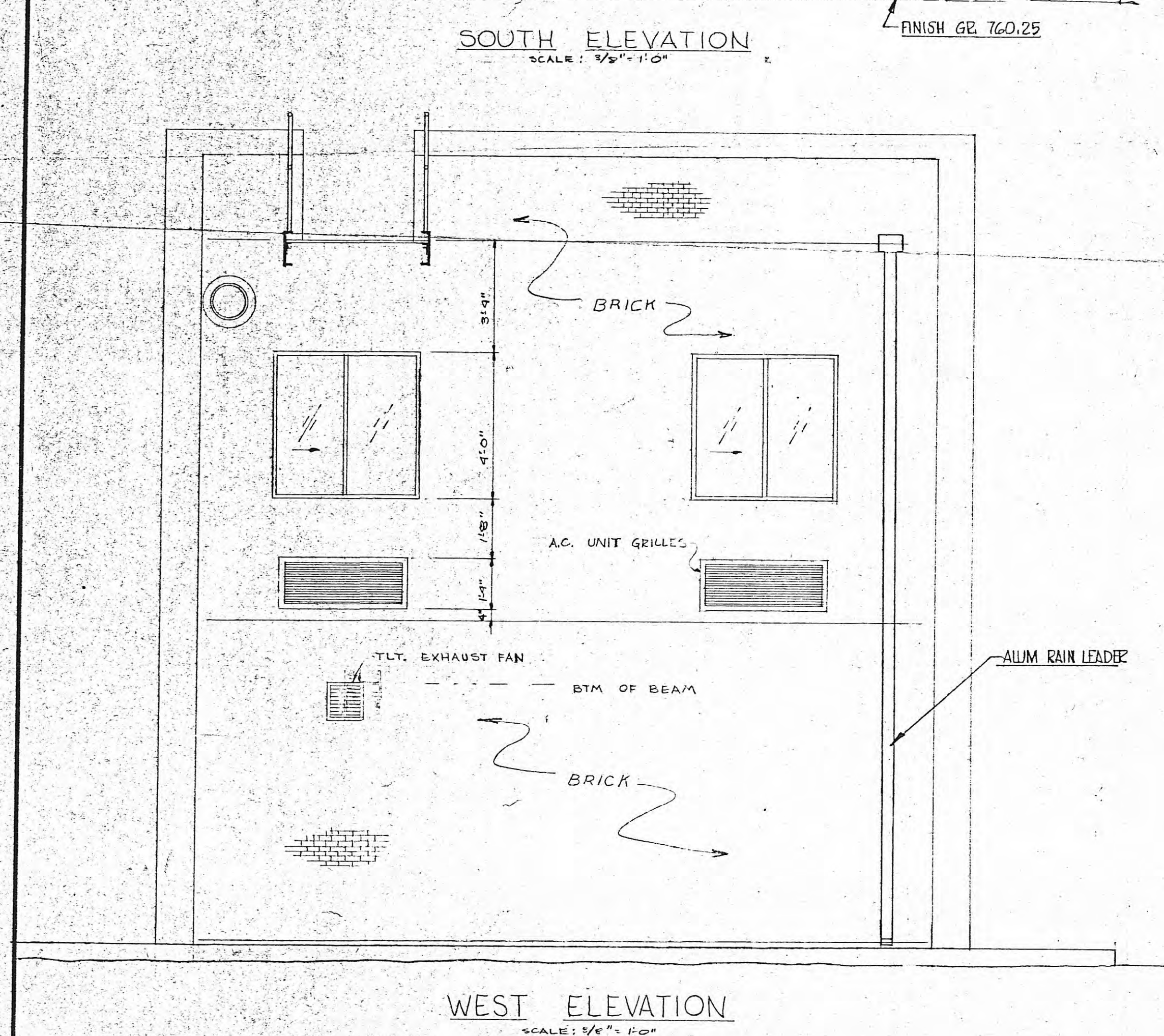
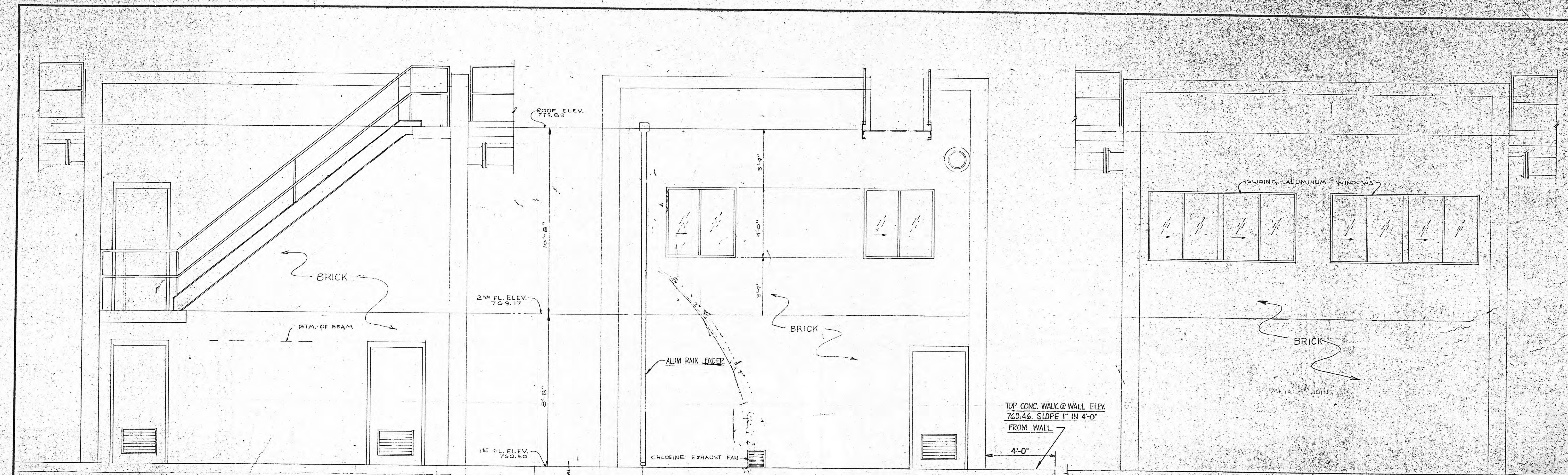
RECORD DRAWING  
BARGE, WAGGONER, SOMMER & CANNON  
ENGINEERS & PLANNERS  
By James D. [Signature]  
Date SEP 26 1975 File 407-01



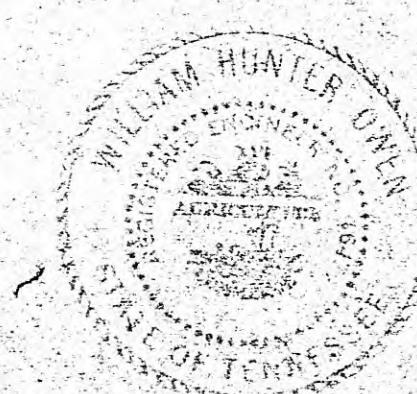
|                                                      |      |                    |                                                              |                       |
|------------------------------------------------------|------|--------------------|--------------------------------------------------------------|-----------------------|
| ROANE COUNTY INDUSTRIAL PARK                         |      |                    |                                                              |                       |
| REVISIONS                                            |      |                    | WASTEWATER TREATMENT FACILITIES<br>CONTROL HOUSE<br>SECTIONS |                       |
| NO.                                                  | DATE | ITEM               |                                                              |                       |
|                                                      |      |                    |                                                              |                       |
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| DRAWN BY<br>W. M. C.                                 |      | DATE<br>DEC - 1973 | FILE NO.<br>4077 - 01                                        | SHEET<br><div>5</div> |
| CHECKED BY                                           |      | FIELD DATA         | DRAWG. NO.                                                   |                       |
|                                                      |      |                    |                                                              |                       |
| BARGE WAGGONER SUMNER & CANNON<br>ENGINEERS PLANNERS |      |                    |                                                              | or 15 Sheets          |
| NASHVILLE TENNESSEE MORRISTOWN                       |      |                    |                                                              |                       |



TRIM ON THIS LINE FOR SEPARATE SHEETS



RECORD DRAWING  
BARGE, WAGGONER, SUMNER & CANNON  
ENGINEERS & PLANNERS  
By *James D. Cannon*  
Date *Sept. 26, 1975* File *4077-01*



| ROANE COUNTY INDUSTRIAL PARK   |      |           |                                                   |                       |
|--------------------------------|------|-----------|---------------------------------------------------|-----------------------|
| REVISIONS                      |      |           | WASTEWATER TREATMENT FACILITIES<br><br>ELEVATIONS |                       |
| NO.                            | DATE | ITEM      |                                                   |                       |
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|                                |      |           | DEC. 1973                                         | 4077-01               |
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| BARGE WAGGONER SUMNER & CANNON |      |           |                                                   |                       |
| NASHVILLE                      |      | ENGINEERS | PLANNERS                                          | SHEET<br><div>6</div> |
|                                |      | TENNESSEE | MORRISTOWN                                        |                       |
| OF 15 SHEETS                   |      |           |                                                   |                       |



## D O O R S C H E D U L E

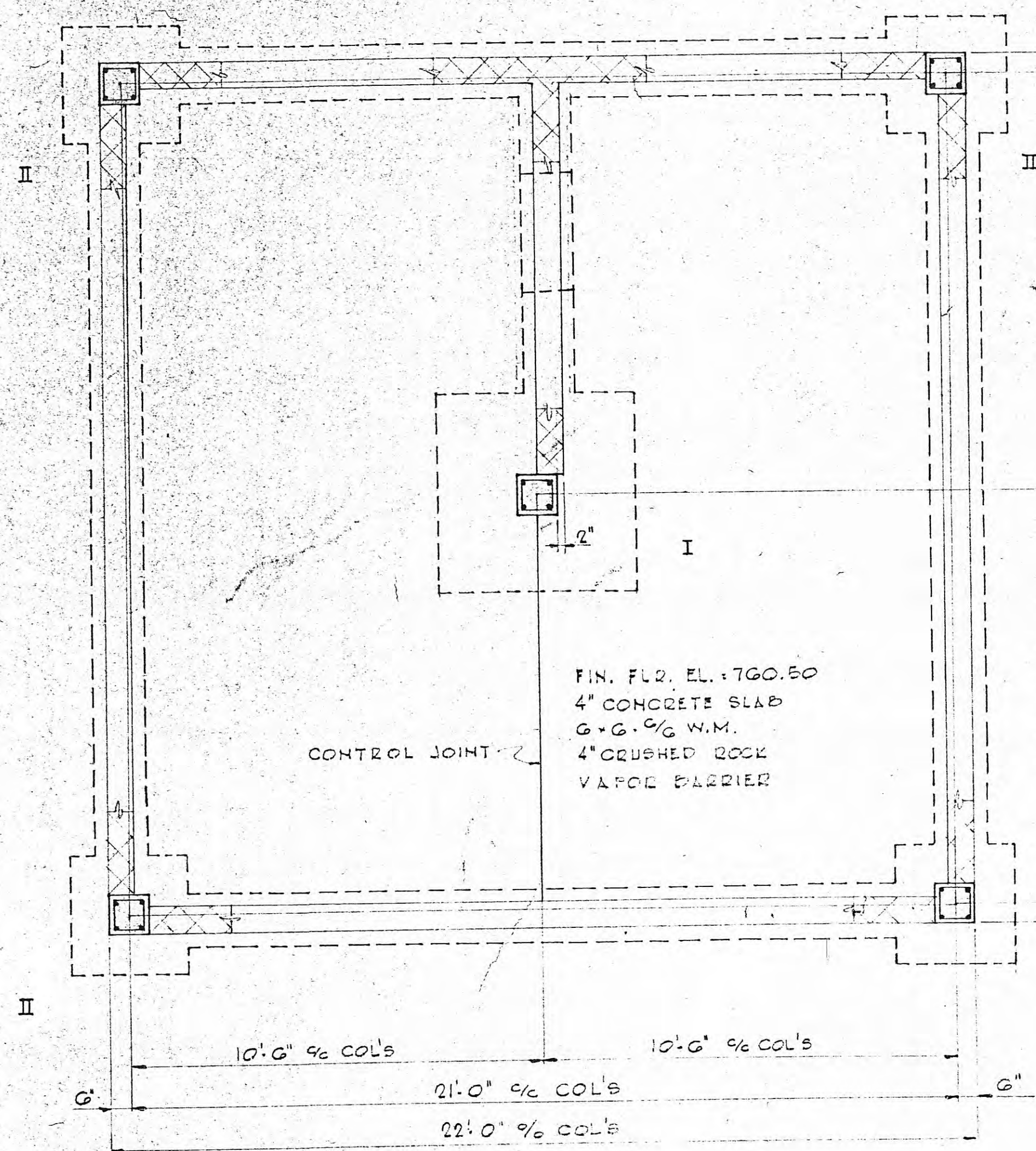
NOTE: ALL EXPOSED PIPING SHALL BE COLOR-CODE PAINTED.  
COLORS TO BE FURNISHED BY ENGINEER.



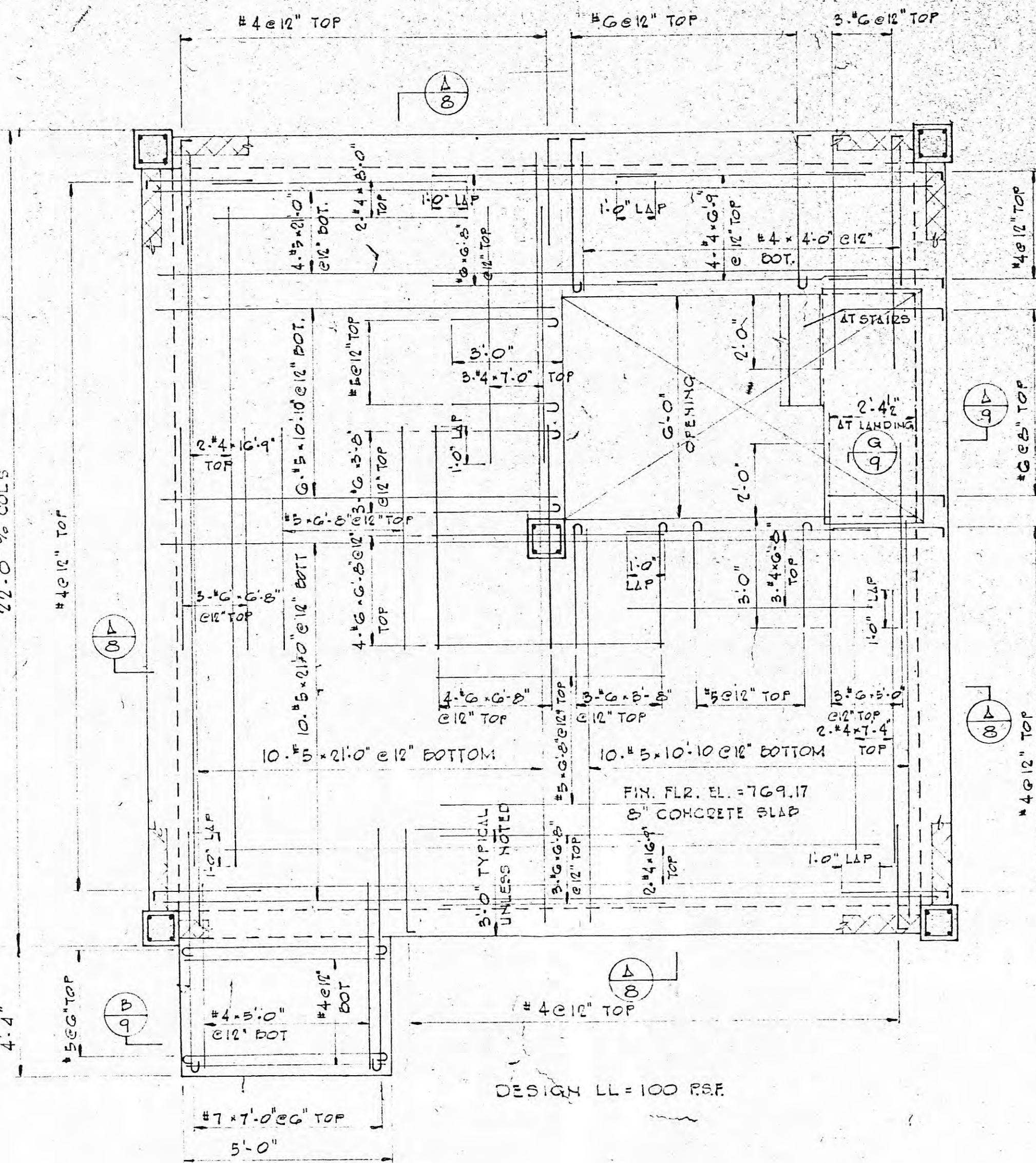
**RECORD DRAWING**  
**BARGE, WAGGONER, SUMNER & CANNON**  
**ENGINEERS & PLANNERS**

By Jurna Dunn  
Date SEPT 26 1978 File 107T-01

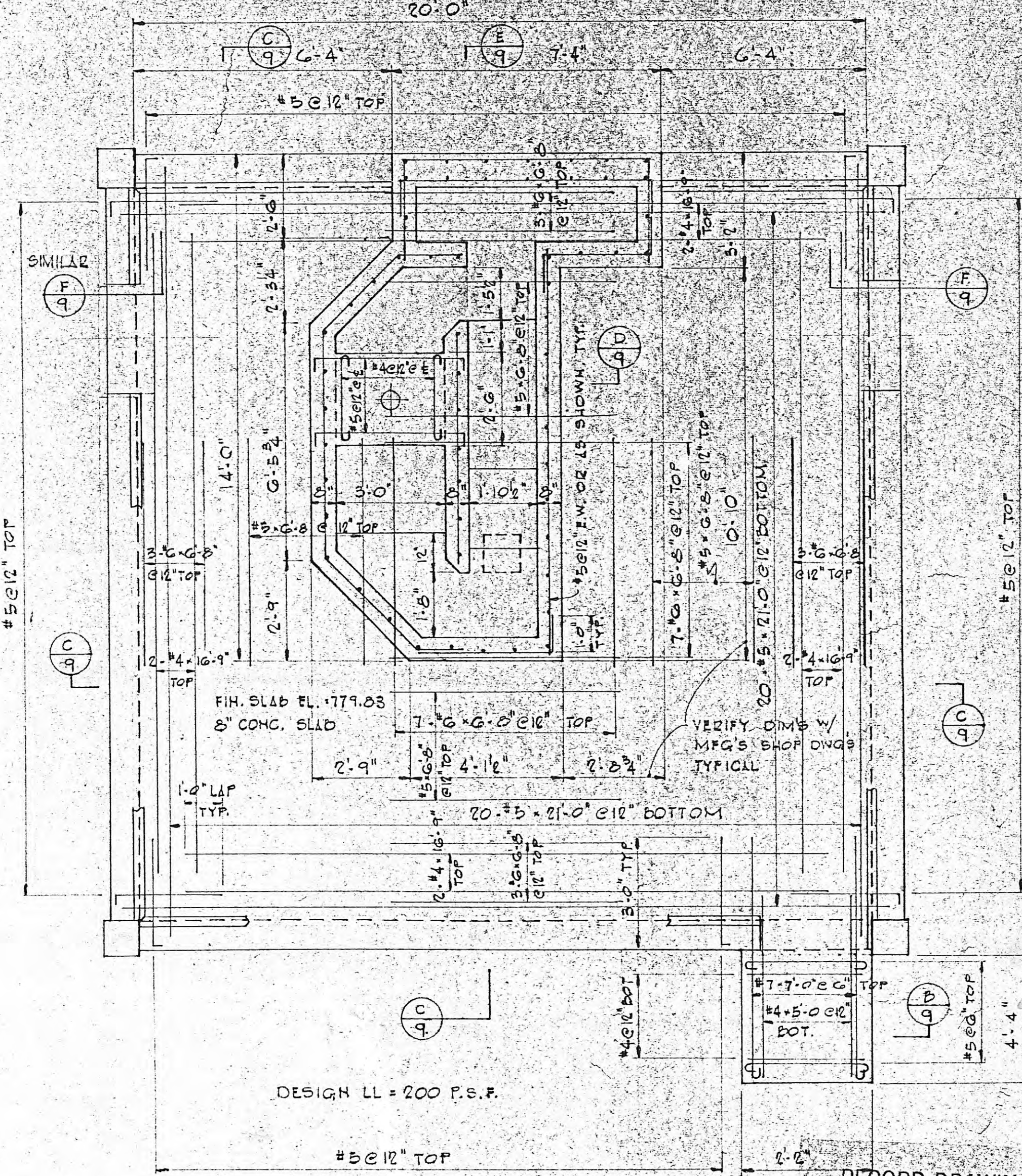




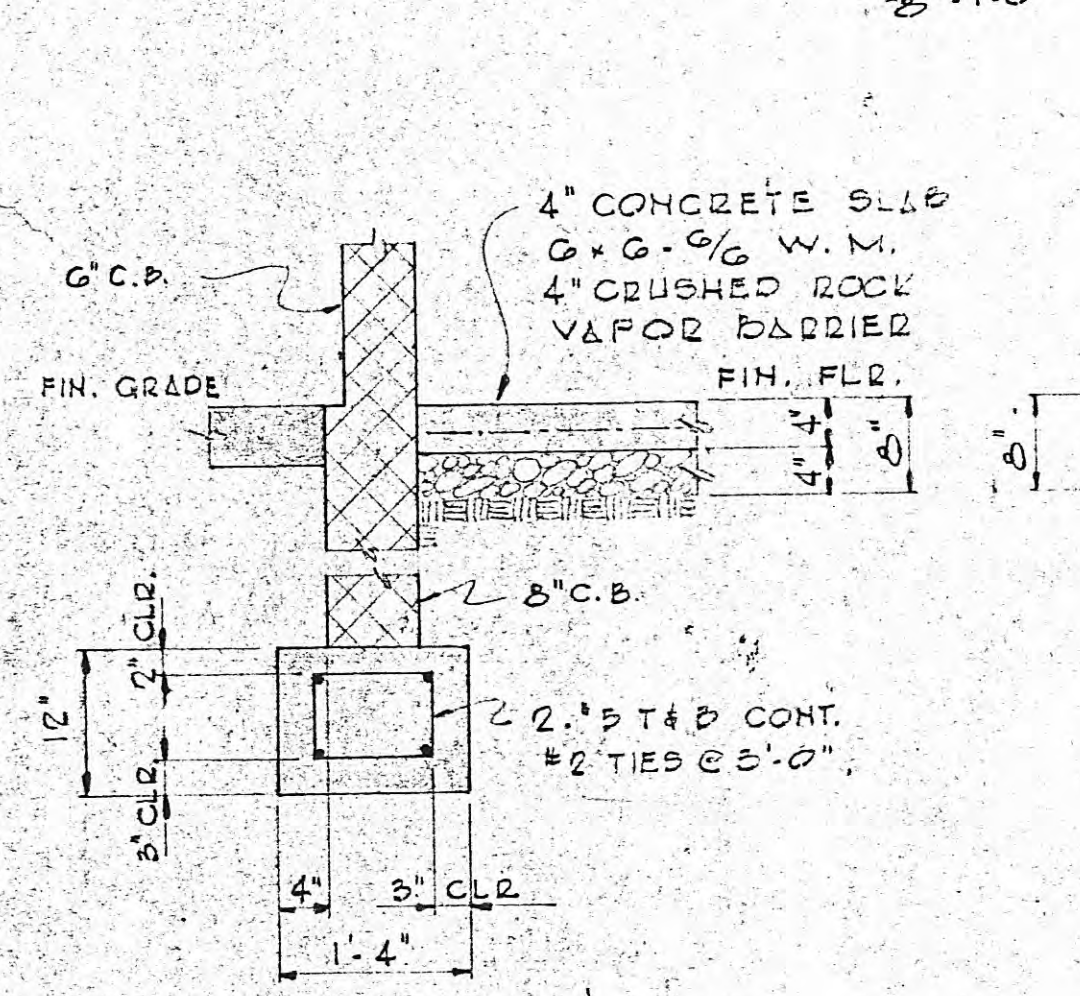
FOUNDATION AND FIRST FLOOR FRAMING PLAN  
3/8" = 1'-0"



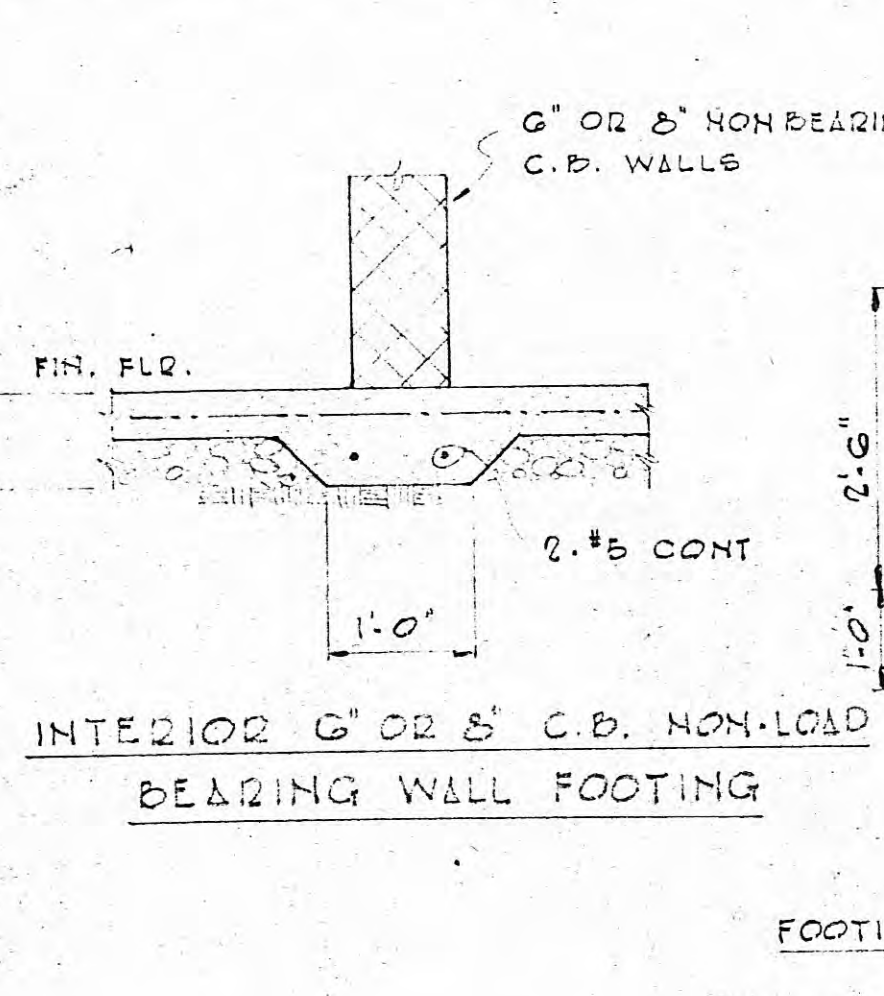
SECOND FLOOR FRAMING PLAN  
3/8" = 1'-0"



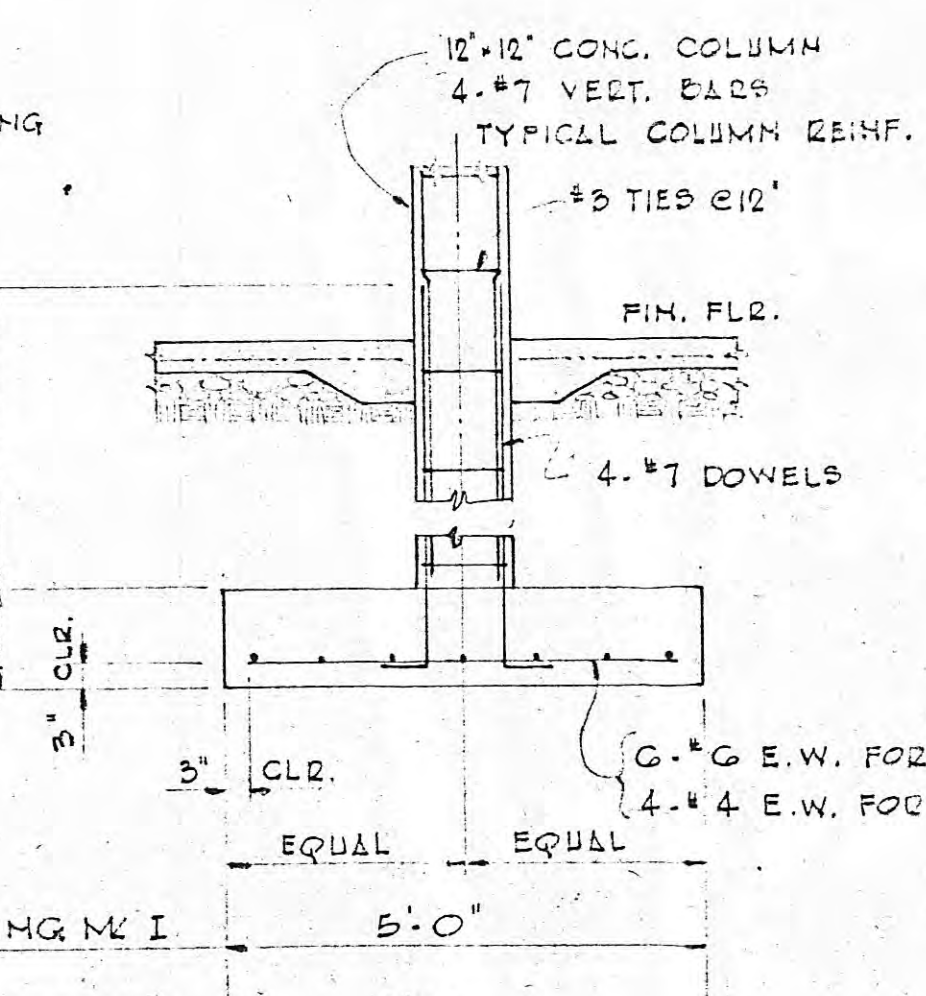
ROOF FRAMING PLAN



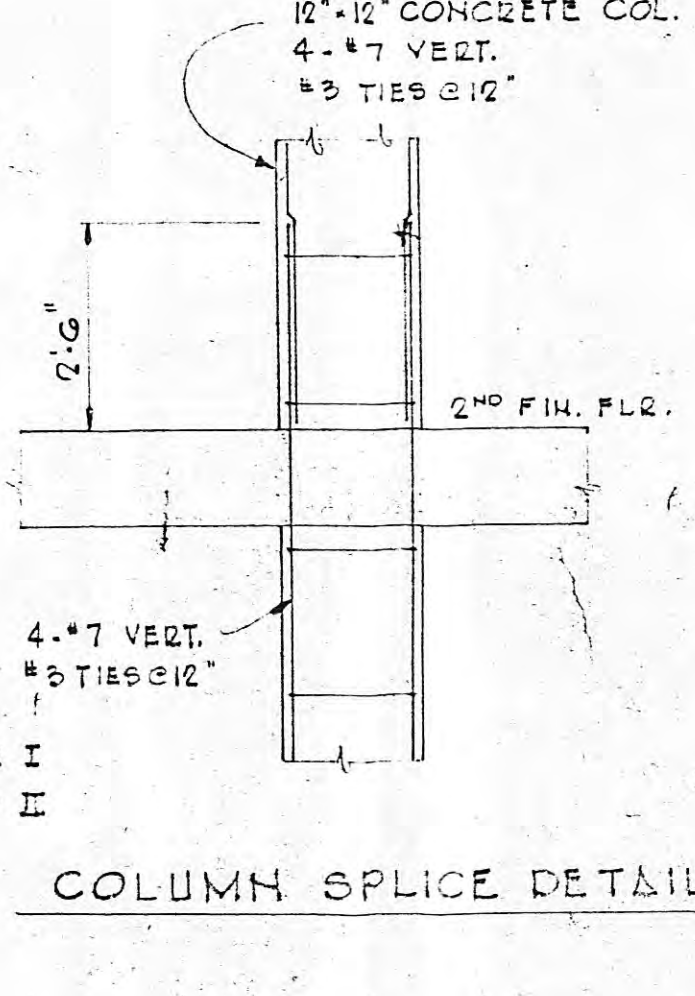
EXTERIOR C.B. WALL FOOTING  
3/8" = 1'-0"



INTERIOR C.B. WALL FOOTING  
3/8" = 1'-0"



COLUMN FOOTING DETAIL  
3/8" = 1'-0"



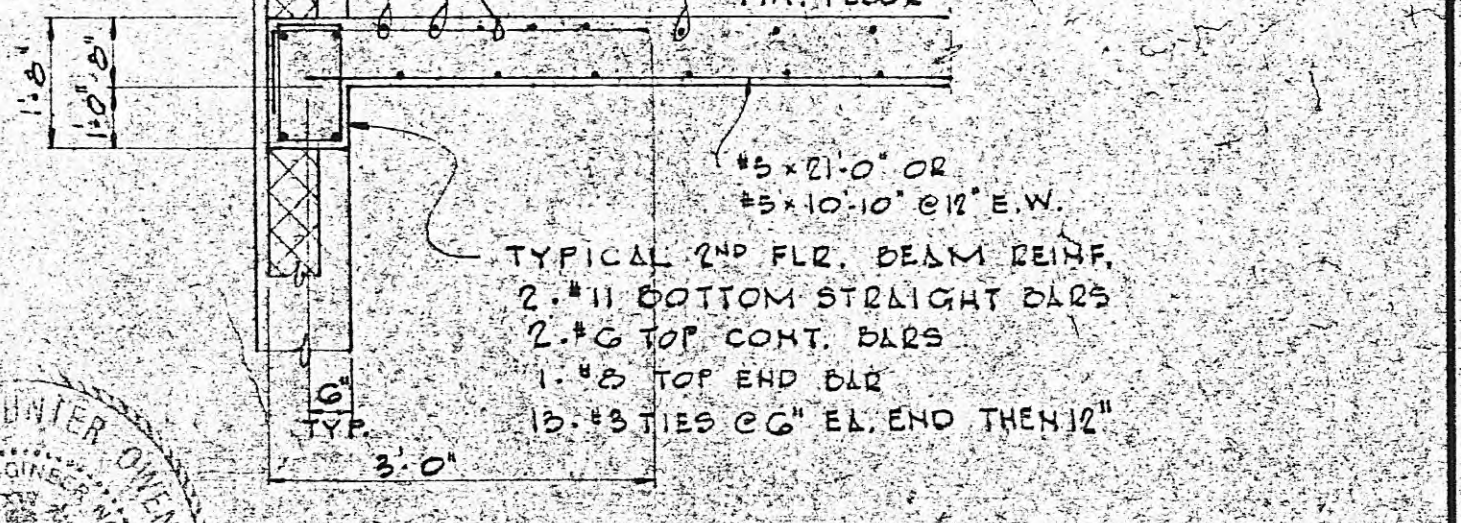
COLUMN SPLICE DETAIL  
3/8" = 1'-0"

GENERAL NOTES

- All concrete work shall conform to the Building Code Requirements for Reinforced Concrete (2,5.1, 318-71). Detailing shall conform to the recommended practices of the Manual of Standard Practice for Detailing Reinforced Concrete Structures, 20th Edition.
- All concrete shall be 4000 P.S.I. except column and wall footings shall be 3000 P.S.I.
- All load bearing and exterior footings to bear on natural earth with a minimum bearing capacity of 3 K.S.F. Bottom of footing to be a minimum of 2'-0" below existing grade.
- All bars marked continuous shall be lapped a minimum of 36 bar diameters at splices and corners.
- All reinforcing steel shall be deformed bars conforming to A.S.T.M. A615 requirements. All bars #6 or larger are to be Grade 60; #5 or smaller to be Grade 40.
- Design, fabrication and erection of structural steel shall be in accordance with current A.I.S.C. Specifications.
- Control joints for concrete slabs on grade to be "Stress Lock" strips inserts or equal.
- All structural steel to have one shop coat paint, red lead primer or equal.
- All structural steel to be A.S.T.M. A36.



RECORD DRAWING  
BARGE, WAGGONER, SUMNER & CANNON  
ENGINEERS & PLANNERS  
By *James D. Owen*  
Date *Sept 26, 1975* File *4077-01*



SECTION A-A  
3/8" = 1'-0"

| ROANE COUNTY INDUSTRIAL PARK    |      |      |  |
|---------------------------------|------|------|--|
| WASTEWATER TREATMENT FACILITIES |      |      |  |
| STRUCTURAL PLANS                |      |      |  |
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BARGE, WAGGONER, SUMNER & CANNON  
ENGINEERS PLANNERS  
NASHVILLE TENNESSEE MORRISTOWN