

DELAWARE COUNTY, OHIO

ALUM CREEK INTERCEPTOR SANITARY SEWER

CONTRACT "S 74-1"
PART A PUMPING STATIONS

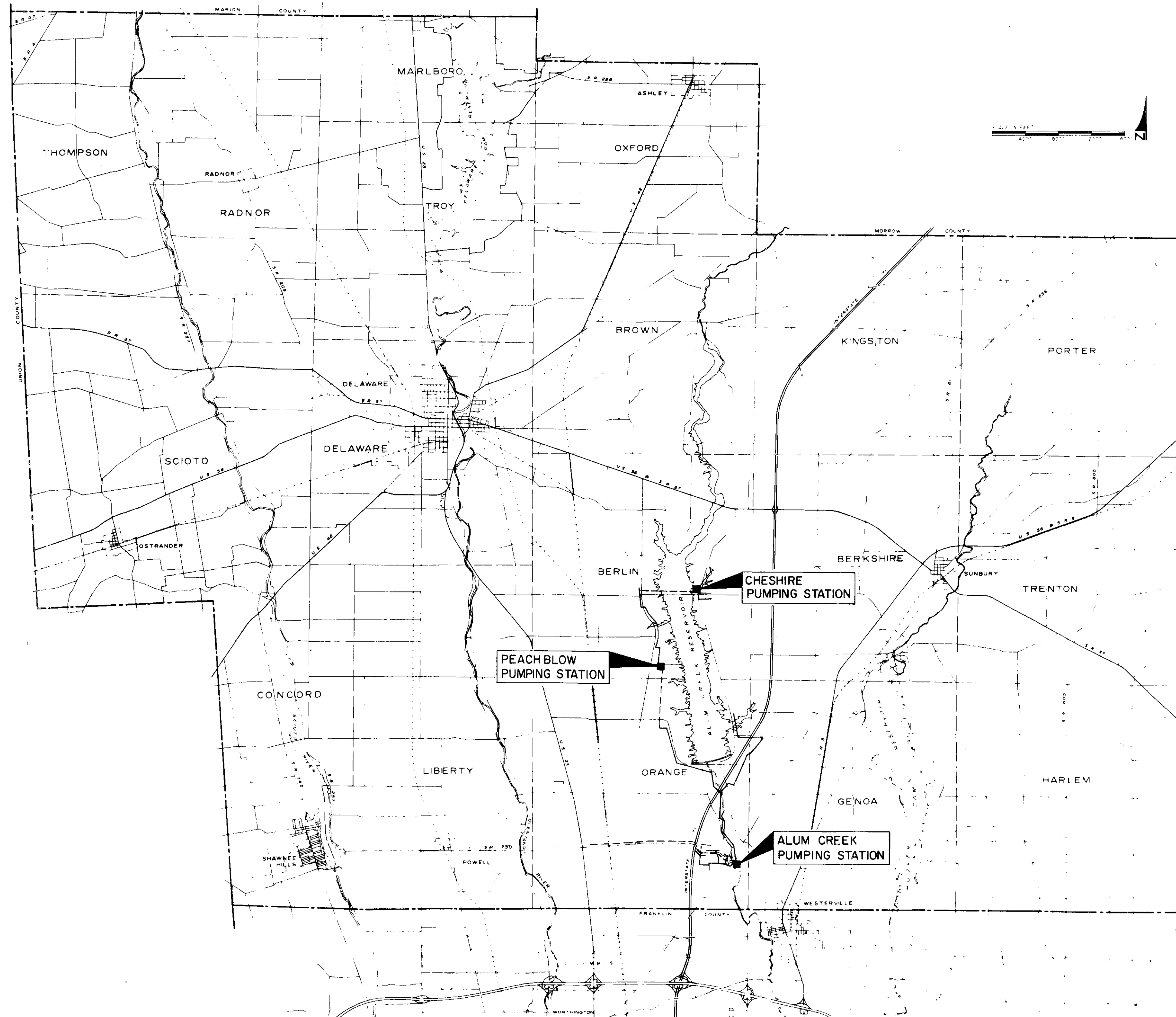
COUNTY STAFF

FRED L. STULTS
DOROTHY CONANT
HENRY E. SHAW
DAVID R. THOMAS
MADGE CONKLIN
TOM ELLIOT
GARY W. GILBERT

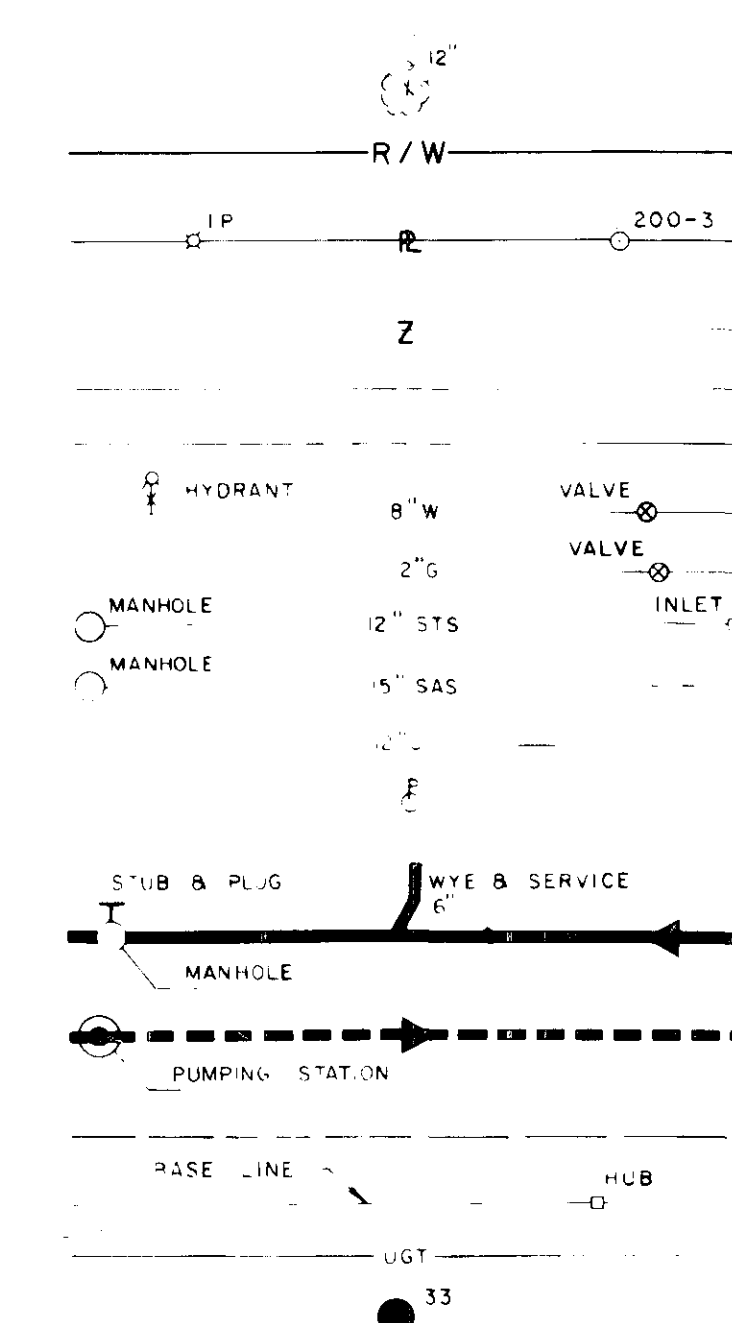
COUNTY ENGINEER
COUNTY RECORDER
PROSECUTING ATTORNEY
COUNTY AUDITOR
COUNTY TREASURER
DIRECTOR PLANNING COMMISSION
ASSISTANT SANITARY ENGINEER

BOARD OF COUNTY COMMISSIONERS

DEAN MILLER — KENNETH REED — JAMES WHITNEY



DELAWARE COUNTY
VICINITY MAP
NO SCALE



LEGEND

TREE
RIGHT OF WAY LINE
PROPERTY LINE, IRON PIN AND U.S.
ARMY CORPS OF ENGINEERS MONUMENT
SAME OWNERSHIP
CENTERLINE
EDGE OF PAVEMENT
WATER MAIN
GAS MAIN
STORM SEWER
SANITARY SEWER
CULVERT
POWER POLE

PROPOSED SANITARY SEWER
PROPOSED SANITARY FORCE MAIN

PROPOSED EASEMENT
BASE LINE
UNDERGROUND TELEPHONE CABLE
TEST BORING

4-80
C.E.G.

APPROVED THIS 9TH DAY OF APRIL, 1975

Fred L. Stults
Fred L. Stults, Delaware County Sanitary Engineer

BURGESS & NIPLÉ, LIMITED
CONSULTING ENGINEERS
COLUMBUS, OHIO

APRIL 1975
REVISED SEPTEMBER 1975
REVISED MAY 1976
REVISED OCTOBER, 1976

PLANS PREPARED BY

Paul M. Shepard Jr.
PAUL M. SHEPARD JR.-PE NO. 23840

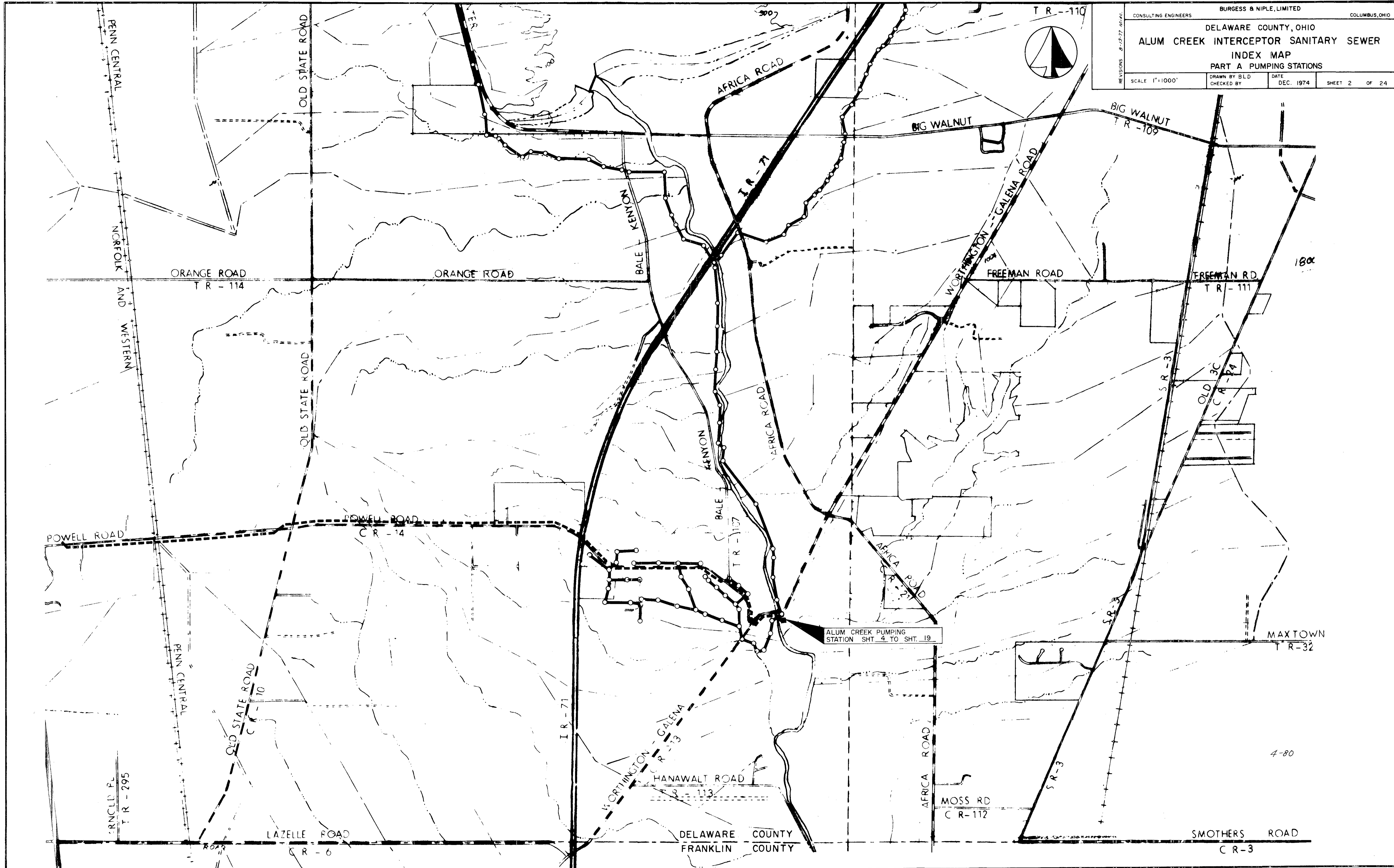
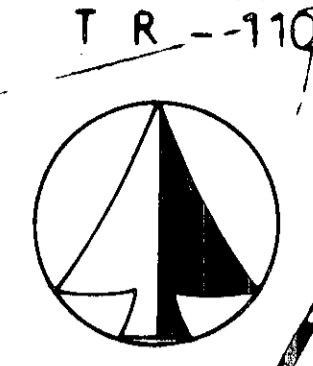
S-74-1 A

CONSULTING ENGINEERS
BURGESS & NIPLE, LIMITED
 COLUMBUS, OHIO

DELAWARE COUNTY, OHIO
ALUM CREEK INTERCEPTOR SANITARY SEWER
 INDEX MAP
 PART A PUMPING STATIONS

REVISIONS: B-10-77, W-10-77, W-10-78

| | | | |
|----------------|--------------|----------------|---------------|
| SCALE 1"=1000' | DRAWN BY BLD | DATE DEC. 1974 | SHEET 2 OF 24 |
| | CHECKED BY | | |

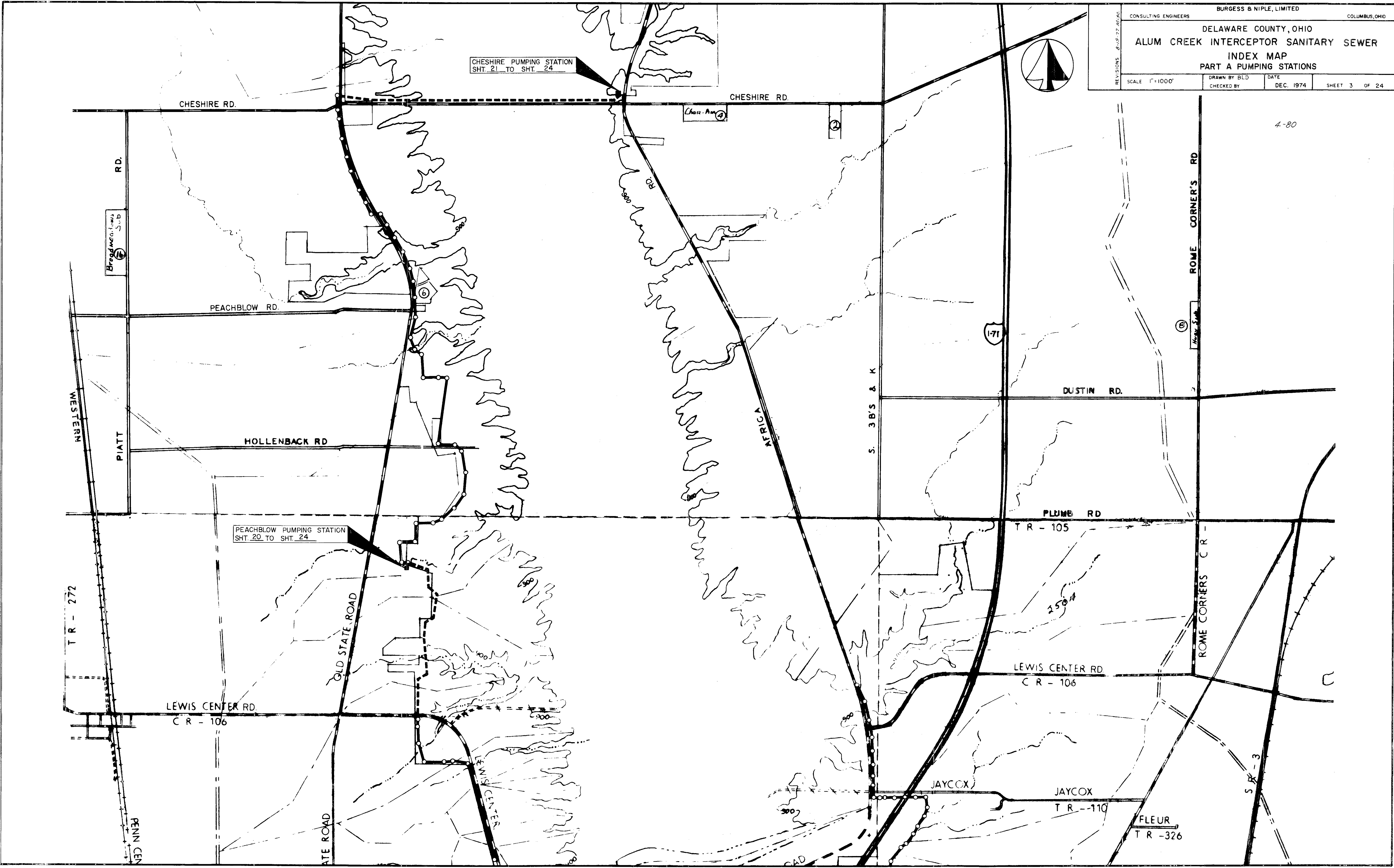
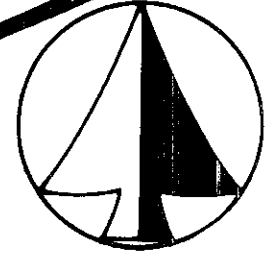


CONSULTING ENGINEERS
 BURGESS & NIPLE, LIMITED
 COLUMBUS, OHIO

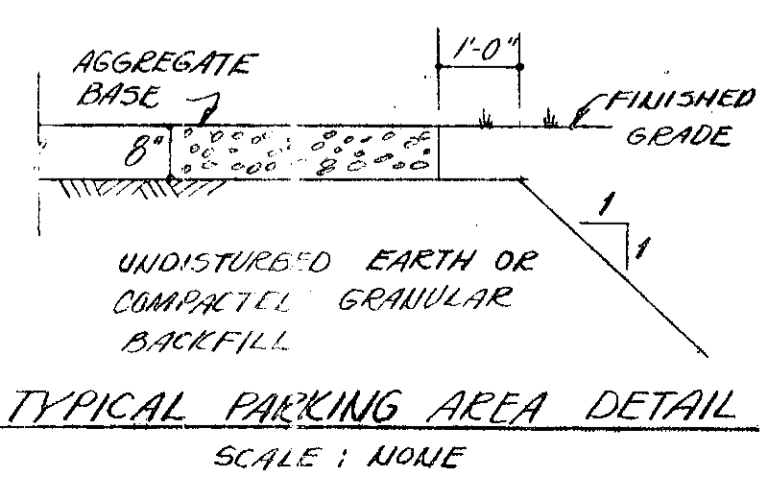
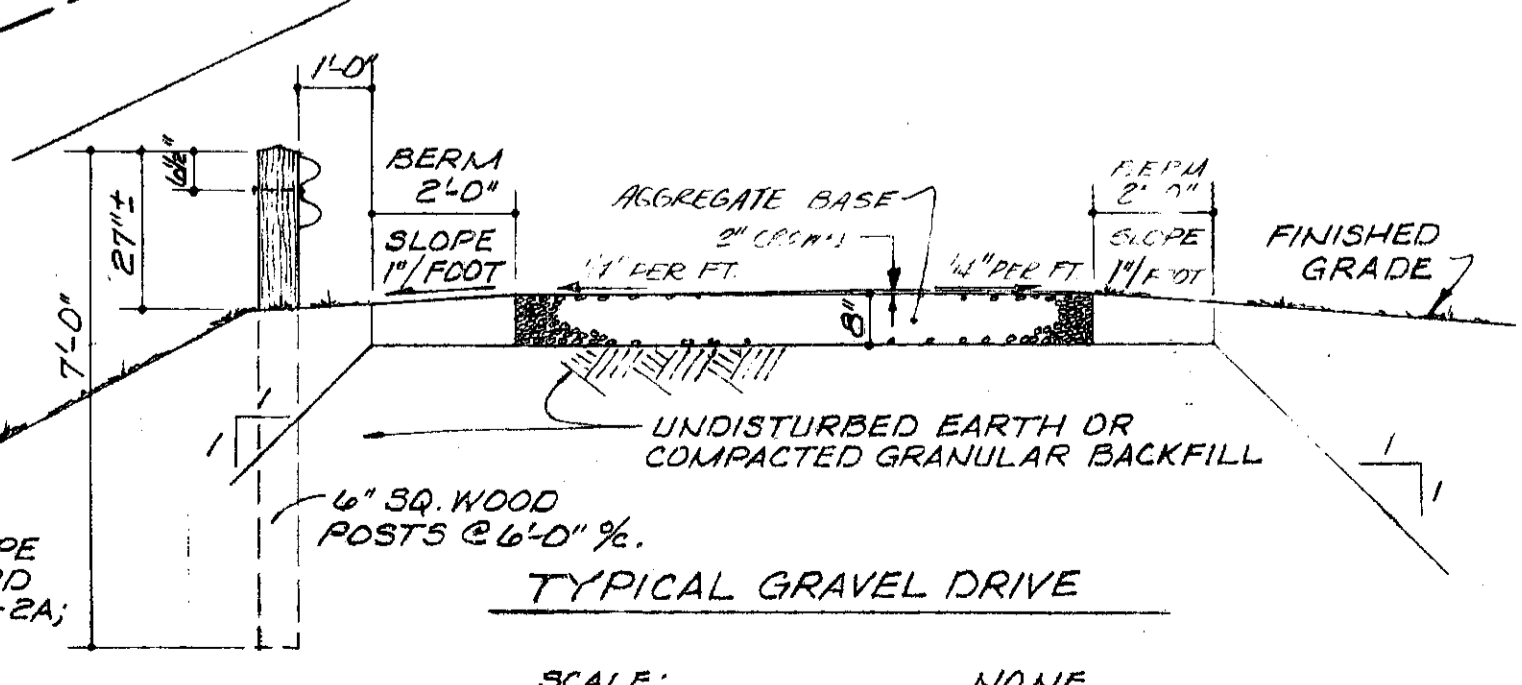
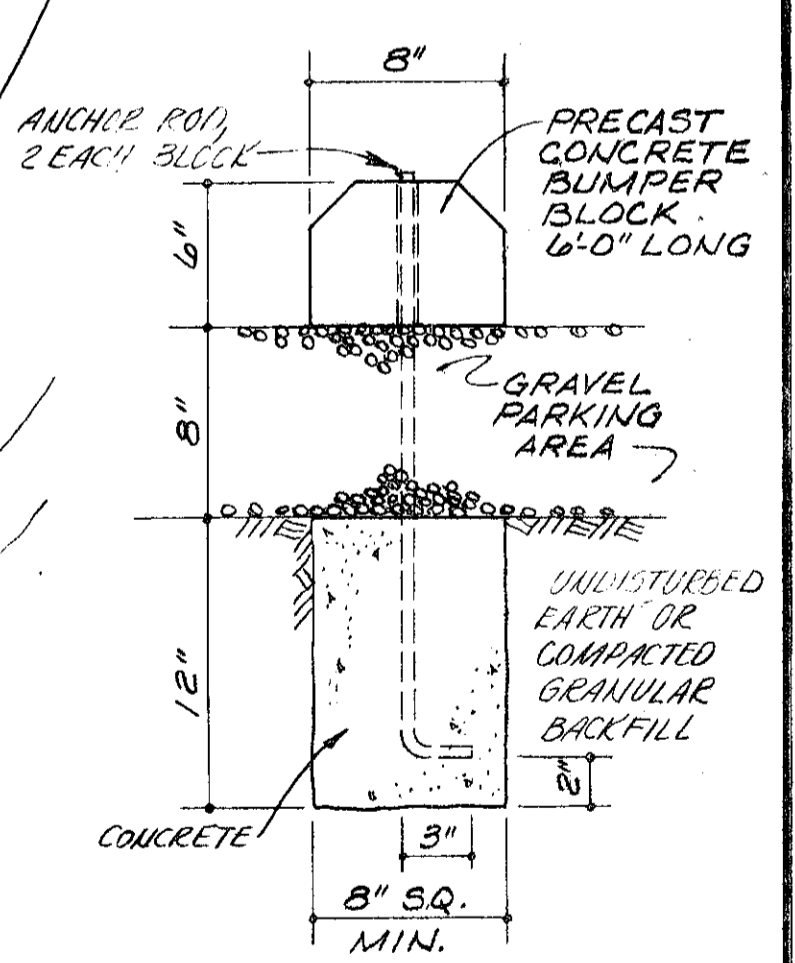
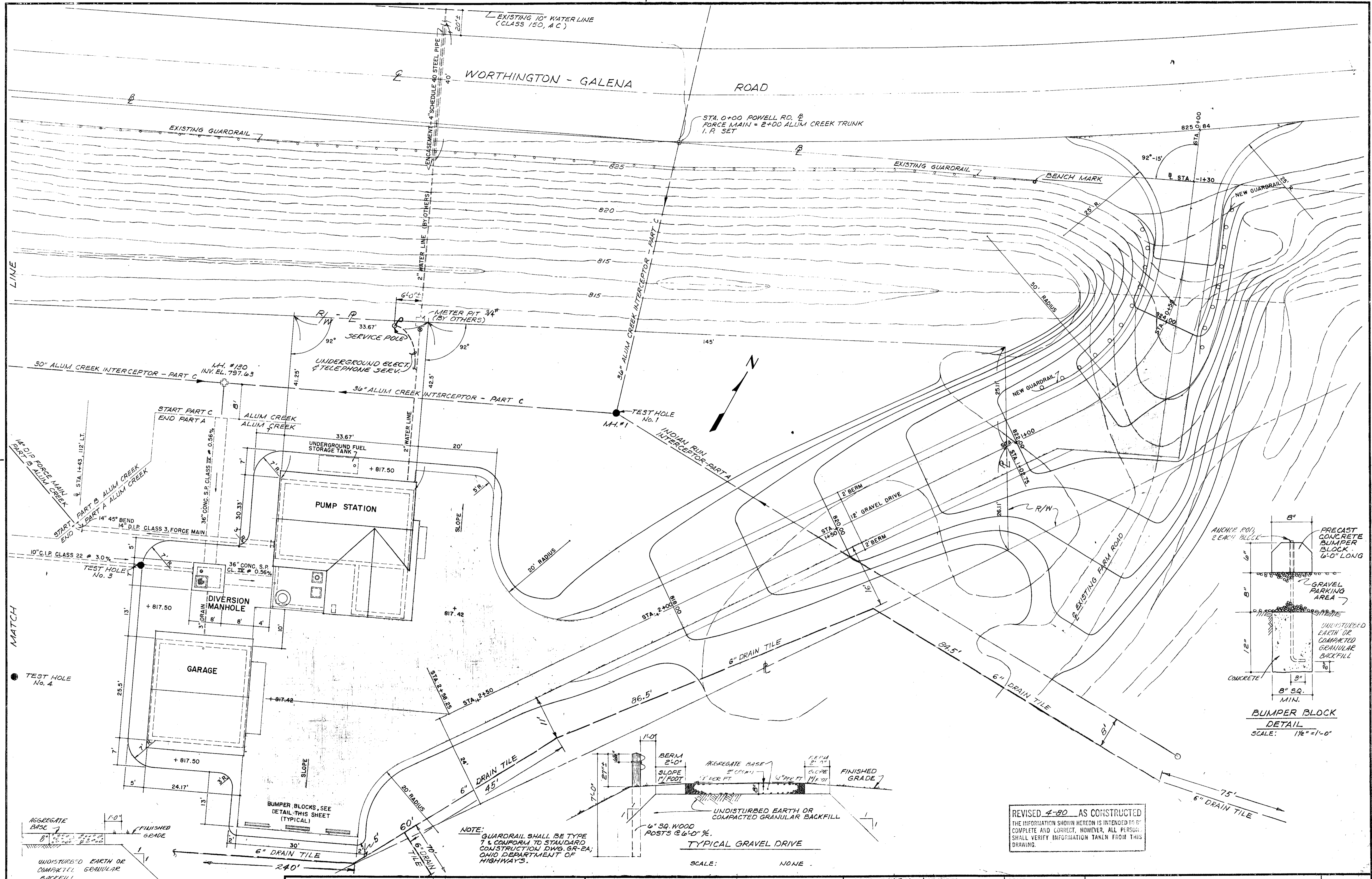
DELAWARE COUNTY, OHIO
 ALUM CREEK INTERCEPTOR SANITARY SEWER
 INDEX MAP
 PART A PUMPING STATIONS

REVISIONS 6-18-77 10-26-78

| | | | |
|----------------|--------------|-----------|---------------|
| SCALE 1"=1000' | DRAWN BY BLD | DATE | SHEET 3 OF 24 |
| | CHECKED BY | DEC. 1974 | |



4-80



NOTE: GUARDRAIL SHALL BE TYPE 1 & CONFORM TO STANDARD CONSTRUCTION DWG. SR-2A; OHIO DEPARTMENT OF HIGHWAYS.

REVISED 4-80 AS CONSTRUCTED
THE INFORMATION SHOWN HEREON IS INTENDED TO BE COMPLETE AND CORRECT, HOWEVER, ALL PERSONS SHALL VERIFY INFORMATION TAKEN FROM THIS DRAWING.

BURGESS & NIPLE, LIMITED CONSULTING ENGINEERS
COLUMBUS, OHIO

DELAWARE COUNTY, OHIO
ALUM CREEK PUMPING STATION

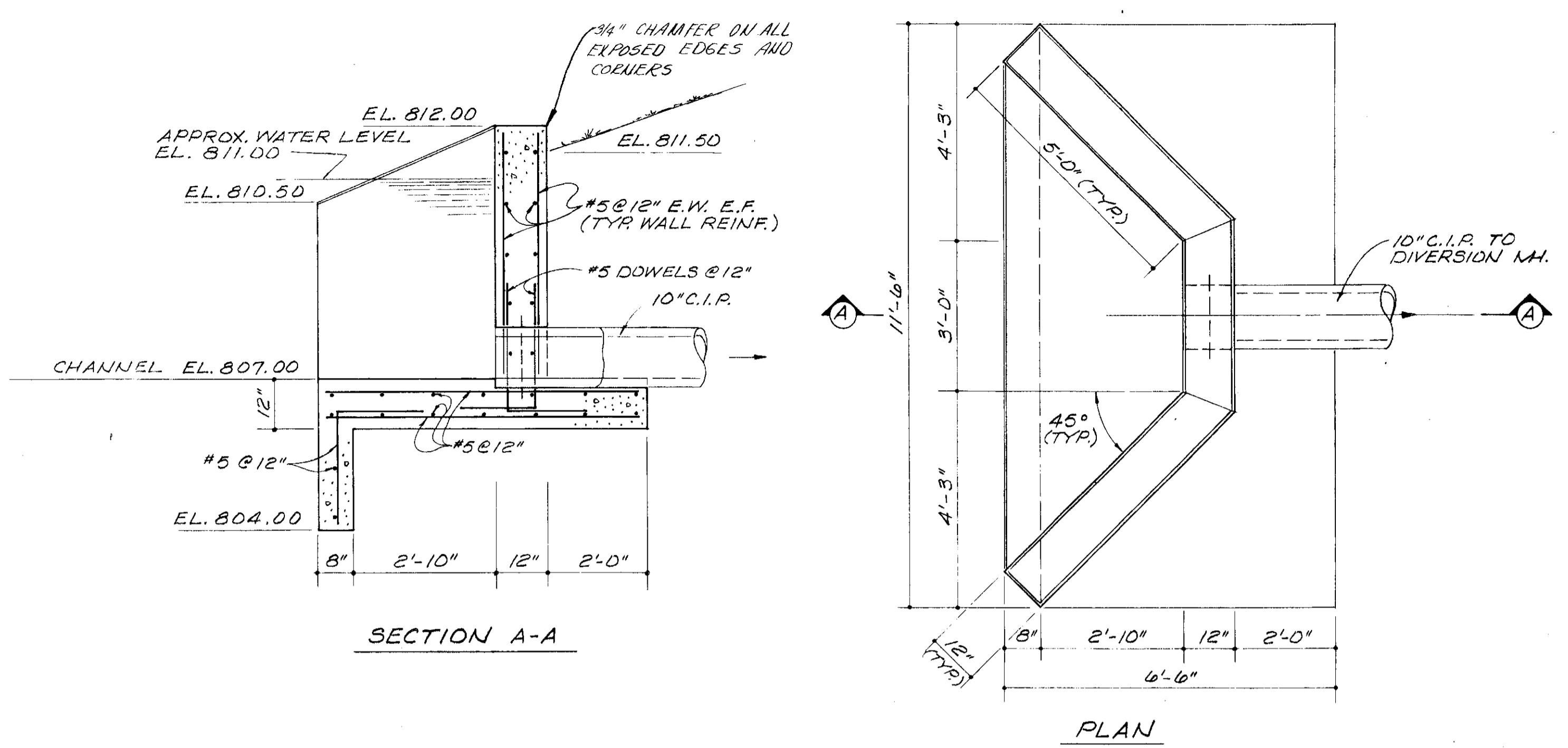
DESIGNED BY W.B.H.
DRAWN BY R.R.P./D.E.H.
CHECKED BY W.B.H.
APPROVED BY

REVISIONS

SCALE 1" = 10'
JOB NO. 9230
DATE APRIL, 1975

GENERAL PLAN

SHEET NO.
4



HEADWALL
SCALE: 1/2" = 1'-0"

GENERAL NOTES

TEST HOLES. TEST HOLES HAVE BEEN MADE NEAR THE SITE OF THIS WORK. THE REPORT ON THE SOIL FOUNDATION INVESTIGATION USED IN THE DESIGN IS ON FILE AND AVAILABLE FOR INSPECTION AT THE OFFICES OF THE DELAWARE COUNTY SANITARY ENGINEER, COUNTY GARAGE, 50 CHAMBERLAIN STREET, DELAWARE, OHIO 43015 OR THE OFFICE OF THE ENGINEER, BURGESS & NIPLE, LIMITED, 5085 REED ROAD, COLUMBUS, OHIO 43220.

BECHTOLD. CHISELED " " ON CONCRETE PAD, EAST END GUARD RAIL WORTHINGTON-GALENA ROAD, EL. 805.53.

PIPING NOTES

1. ALL PIPE LINES TO SLOPE UNIFORMLY BETWEEN GIVEN ELEVATIONS.
2. PIPING SHALL BE SUPPORTED IN ALL EXCAVATED AREAS. IF EXCAVATION EXCEEDS LIMITS OF PROVIDED PIPE SUPPORTS, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SUBMIT FOR APPROVAL, HIS SUGGESTED METHOD OF SUPPORT TO THE ENGINEER.
3. PIPE CROSSING OVER OTHER PIPE SHALL BE SUPPORTED WITH GRANULAR FILL.
4. PROVIDE MINIMUM 4 FEET COVER ON WATER LINE.
5. ALL EXTERIOR WATER PIPE SHALL BE SCHEDULE 40 GALVANIZED VULVO WITH GALVANIZED HADFIELD IRON FITTINGS OR TYPE "K" COPPER PIPE UNLESS NOTED OTHERWISE.

UTILITIES AND STRUCTURES. THE LOCATION OF UTILITIES AND STRUCTURES, BOTH SURFACE AND SUBSURFACE ARE SHOWN ON THESE PLANS FROM DATA AVAILABLE AT TIME OF SURVEY AND ARE NOT NECESSARILY COMPLETE OR CORRECT. THE EXACT LOCATION AND PROTECTION OF UTILITIES AND STRUCTURES ARE THE RESPONSIBILITIES OF THE CONTRACTOR. DURING CONSTRUCTION, THE CONTRACTOR SHALL USE DUE DILIGENCE IN PROTECTING FROM DAMAGE ALL EXISTING UTILITIES AND STRUCTURES WHETHER SHOWN IN THESE PLANS OR NOT. IF DAMAGE IS CAUSED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OF SAME IN ACCORDANCE WITH THE DIRECTIONS OF THE ENGINEER AND FOR ANY RESULTING CONTINGENT DAMAGE.

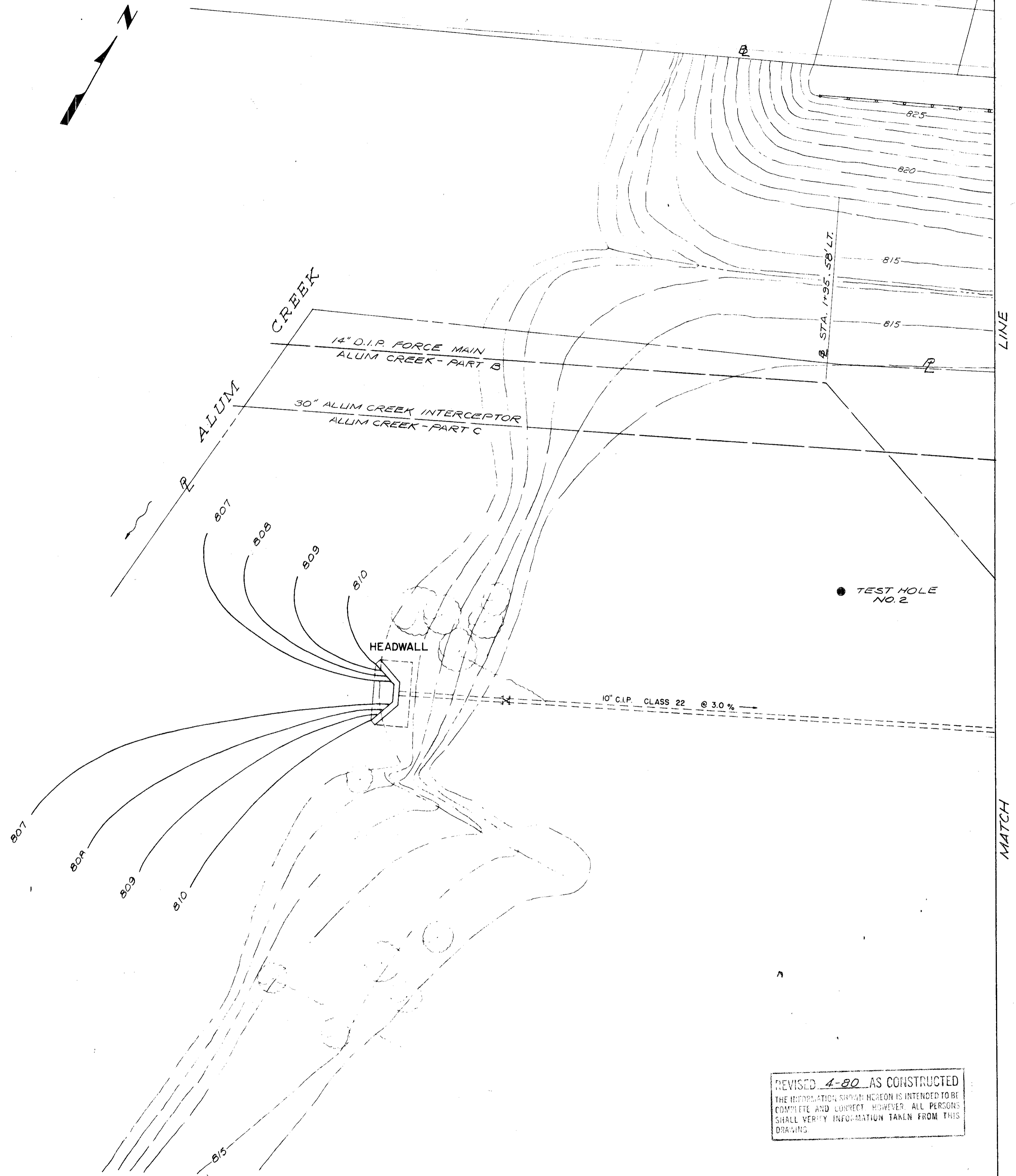
GRADING AND SEEDING LIMITS. GRADING AND SEEDING LIMITS WILL BE PAID FOR UNDER THE LUMP SUM BID FOR THE PUMPING STATIONS AND SHALL INCLUDE ALL DISTURBED AREAS WITHIN THE PROPERTY LIMITS AND ALL DISTURBED AREAS OUTSIDE THE PROPERTY LIMITS AS AND WHERE SHOWN ON THE PLANS, INCLUDING WATER LINE TRENCHES, DRIVE EMBANKMENTS, AND DITCHES.

CONNECTIONS. ROOF DRAINS, FOUNDATION DRAINS TO THE SANITARY SEWER SYSTEM ARE PROHIBITED ON THIS PROJECT.

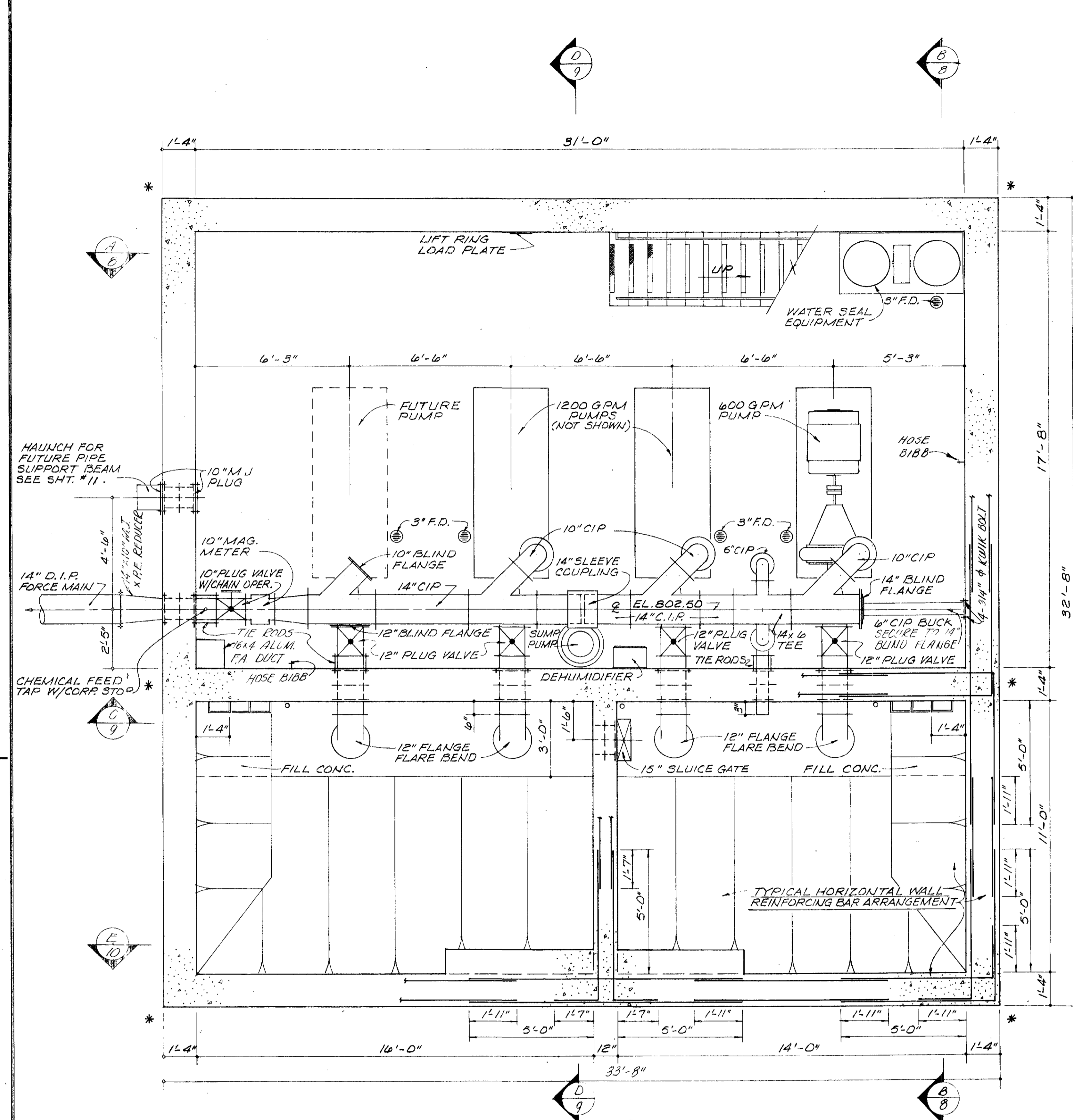
EROSION CONTROL. THE ENTIRE PROJECT IS SUBJECT TO MEASURES OF EROSION CONTROL AND THESE MEASURES SHALL BE COORDINATED WITH THE PERMANENT GRADING AND SEEDING WORK.

TREES. THE CONTRACTOR SHALL BE PERMITTED TO REMOVE ANY TREE WITHIN THE LIMITS OF THE STATION SETS THAT CAN REASONABLY BE SEEN TO INTERFERE WITH THE CONSTRUCTION OF THE PROPOSED STATION. ANY TREE TO BE REMOVED SHALL HAVE THE PRIOR APPROVAL OF THE ENGINEER. COSTS FOR TREE REMOVAL SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR THE STATIONS.

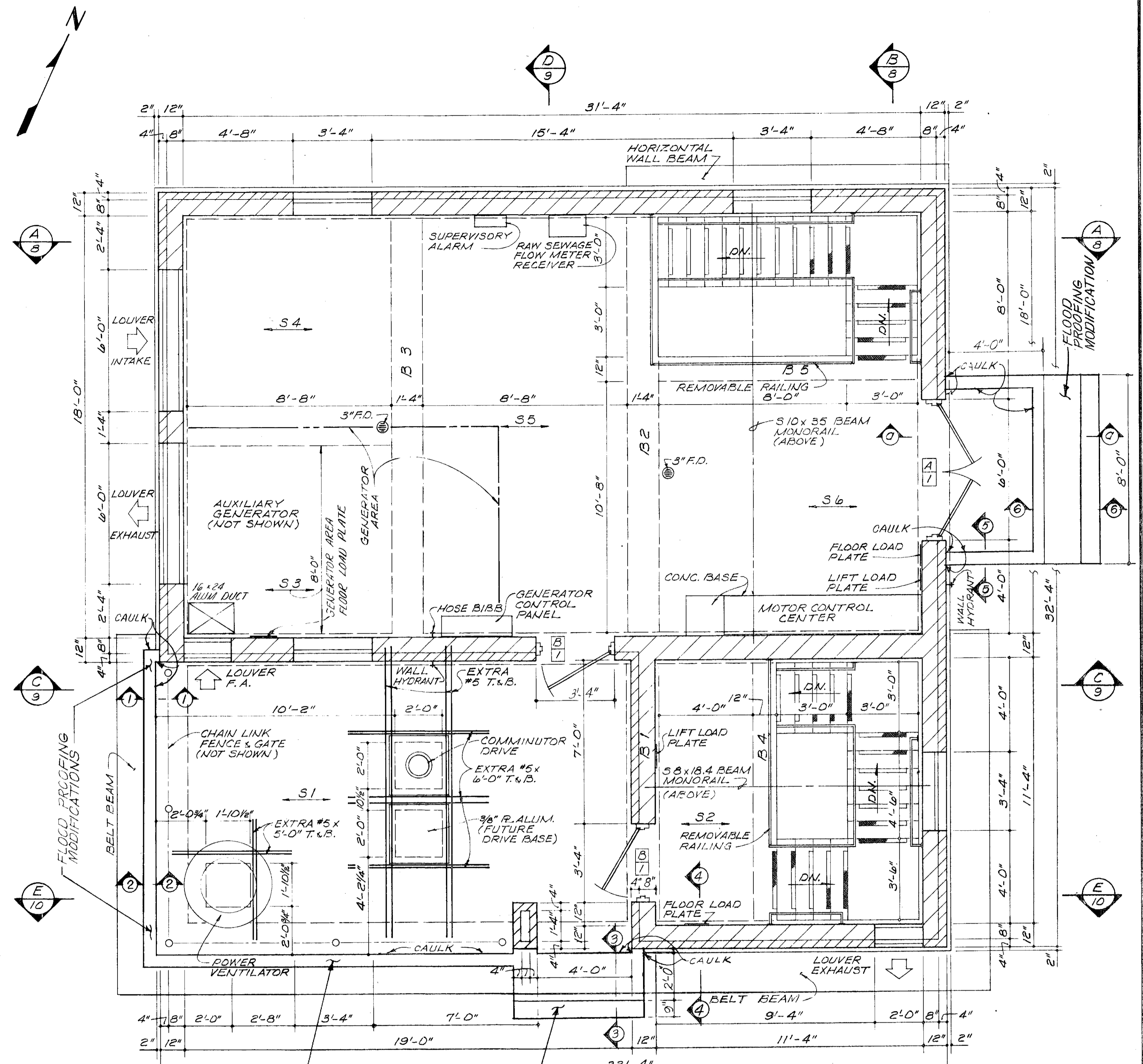
WATER LINE. THE TIE-IN TO THE EXISTING 10" A-C WATER LINE ON THE NORTH SIDE OF WORTHINGTON-GALENA ROAD AND THE 2" WATER LINE, INCLUDING ENCASEMENT, TO AND INCLUDING THE METER PIT AND METER AT OR NEAR THE PROPERTY LINE-RIGHT-OF-WAY LINE WILL BE INSTALLED BY OTHERS. THE CONTRACTOR SHALL NOT CONSIDER THIS PART OF THE CONTRACT AND SHALL NOT INCLUDE SAME IN THE LUMP SUM PRICES FOR BID. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE 2" WATER LINE FROM THE METER PIT TO THE PUMP STATION INCLUDING THE CONNECTION TO THE METER AND THE METER PIT. THE CONTRACTOR SHALL CONSIDER THIS AS PART OF THE CONTRACT AND SHALL INCLUDE THE PRICE IN THE LUMP SUM PRICES FOR BID.



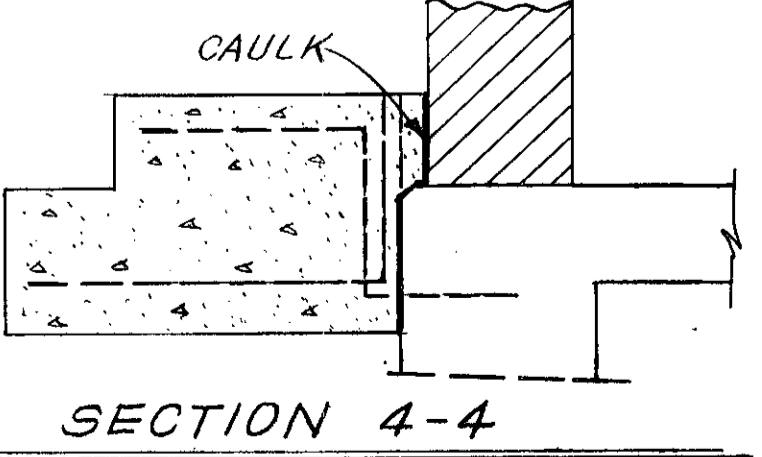
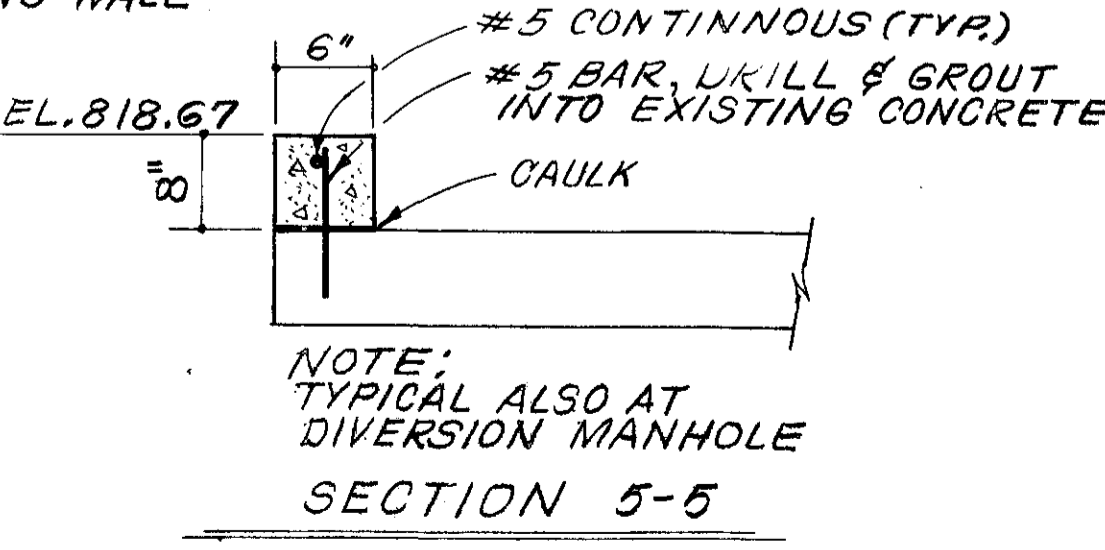
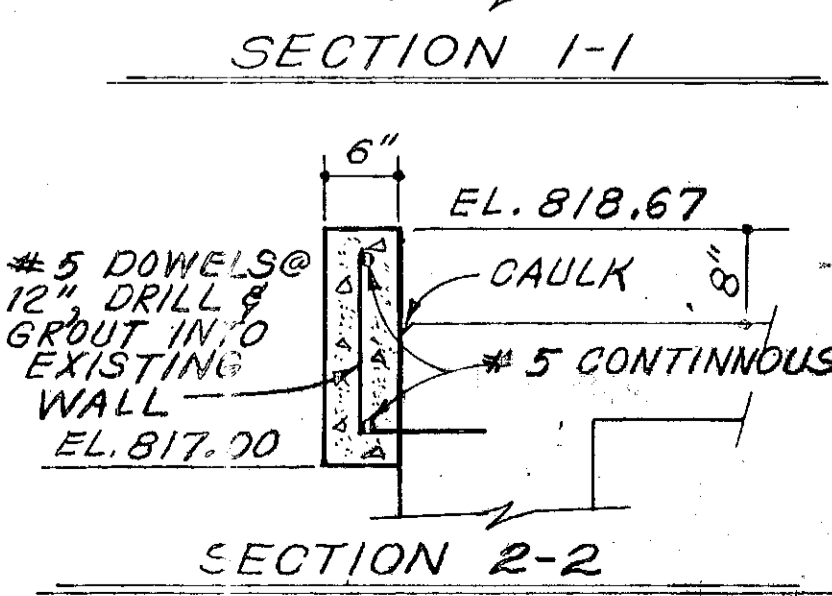
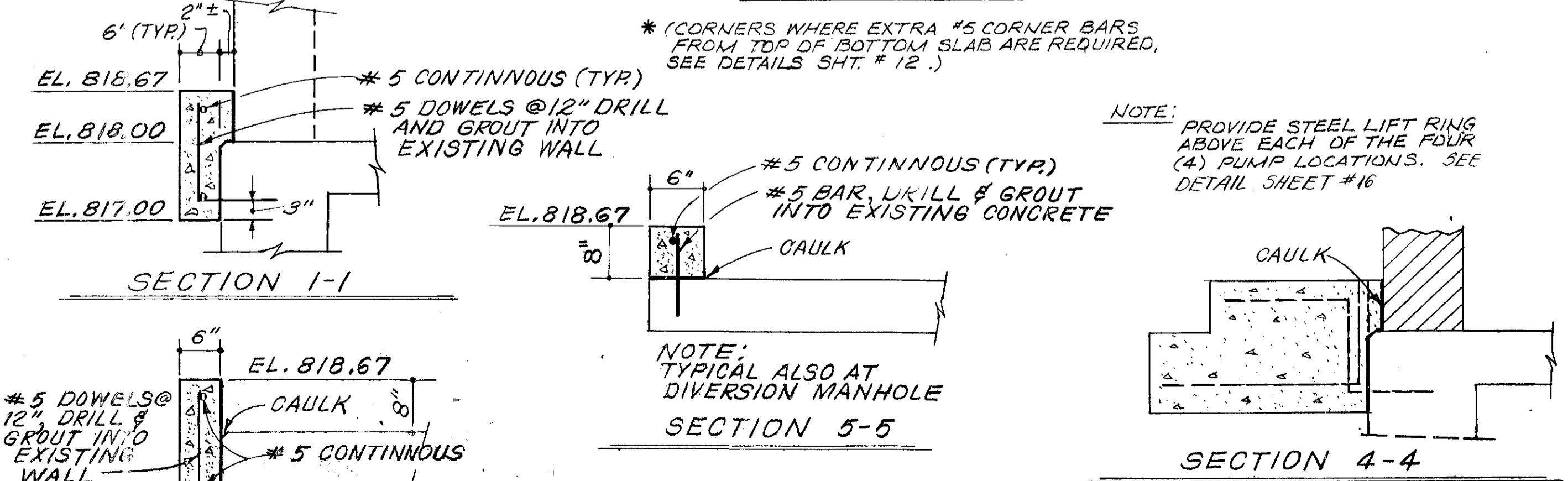
REVISED 4-80 AS CONSTRUCTED
THE INFORMATION SHOWN HEREON IS INTENDED TO BE COMPLETE AND CORRECT. HOWEVER, ALL PERSONS SHALL VERIFY INFORMATION TAKEN FROM THIS DRAWING.



LOWER PLAN

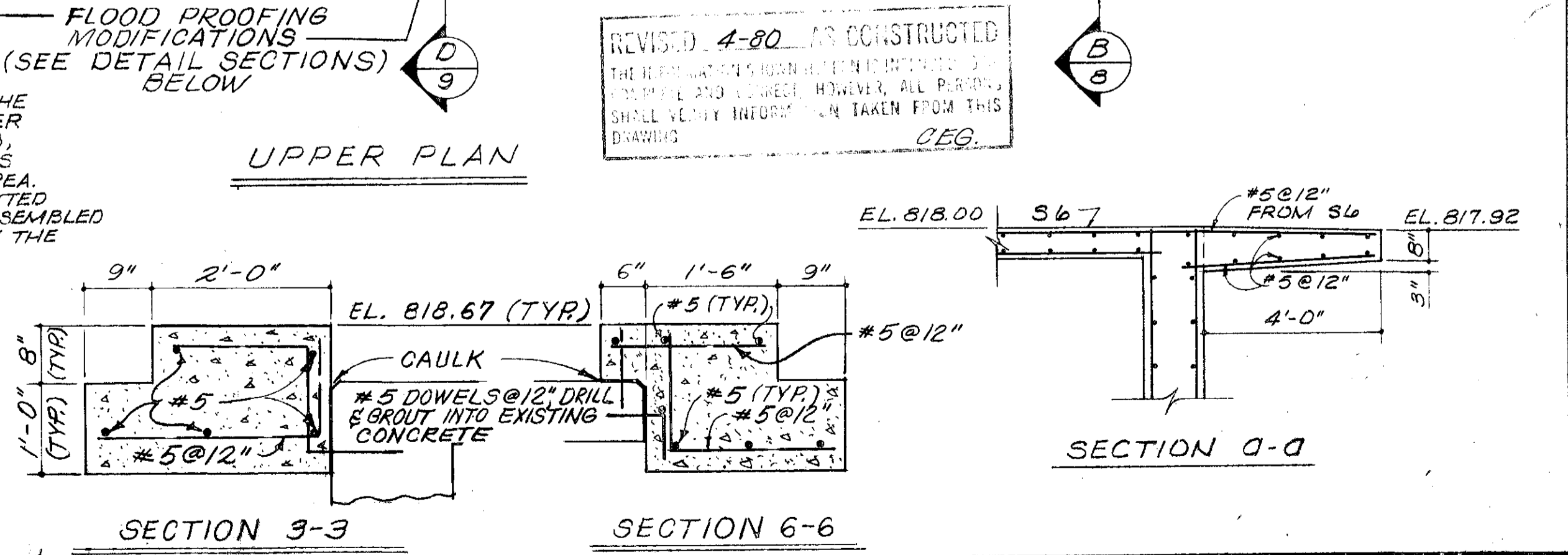


UPPER PLAN



NOTE: THE GENERATOR MUST ENTER THE STRUCTURE THROUGH THE LOUVER OPENING ADJACENT TO SLAB S 3, AND MUST BE MOVED ONLY ACROSS SLAB S 3 TO ITS DESIGNATED AREA. NO OTHER ROUTE WILL BE PERMITTED UNLESS THE GENERATOR IS DISASSEMBLED AND PERMISSION IS GRANTED BY THE ENGINEER.

ALUM CREEK PUMP STATION
FLOOD PROOFING MODIFICATIONS
SCALE: 3/4\"/>



SECTION 3-3

SECTION 6-6

BURGESS & NIPLE, LIMITED CONSULTING ENGINEERS
COLUMBUS, OHIO

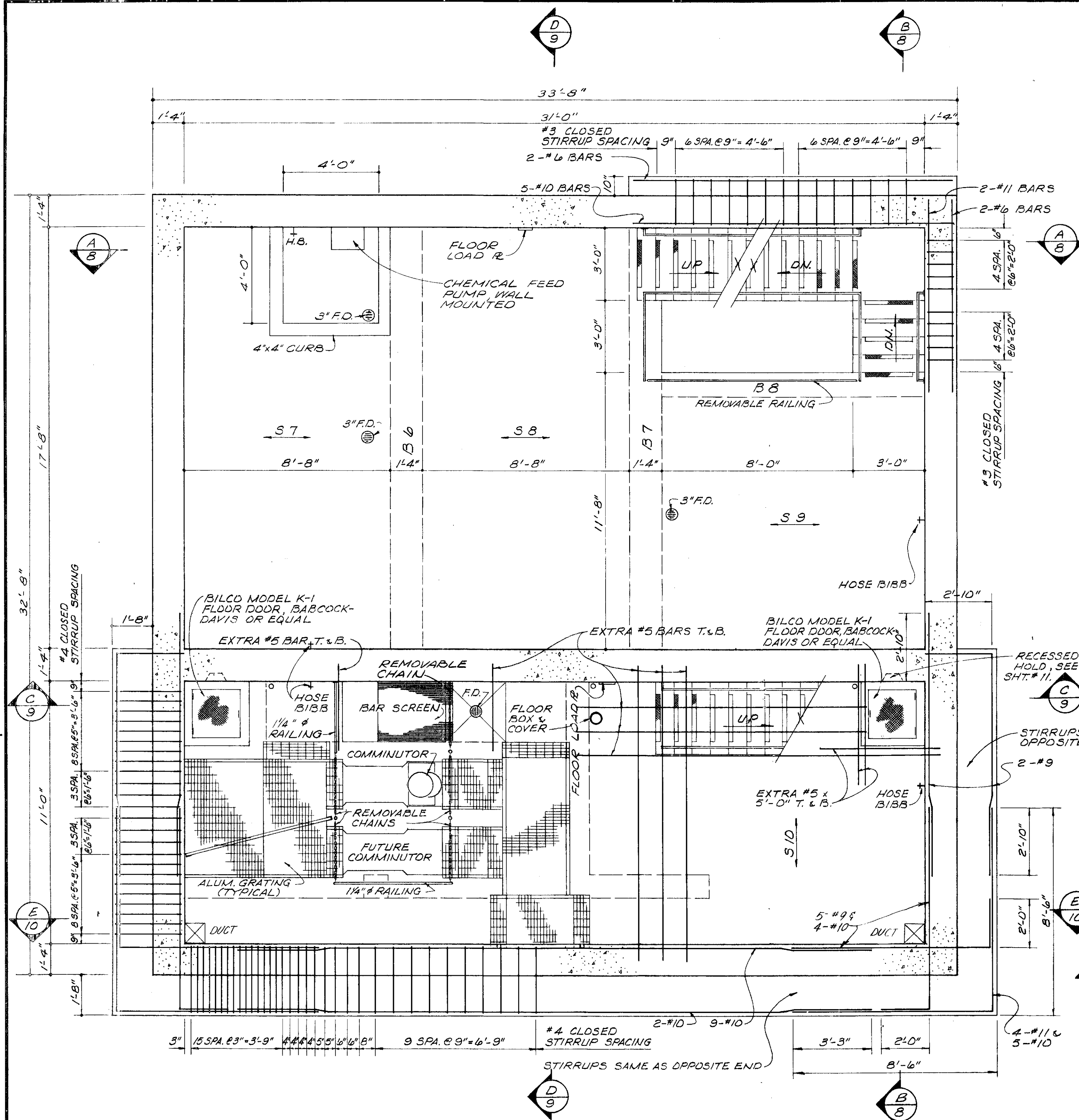
DELAWARE COUNTY, OHIO
ALUM CREEK PUMPING STATION

DESIGNED BY JRW/LO
DRAWN BY DEH
CHECKED BY WPT
APPROVED BY

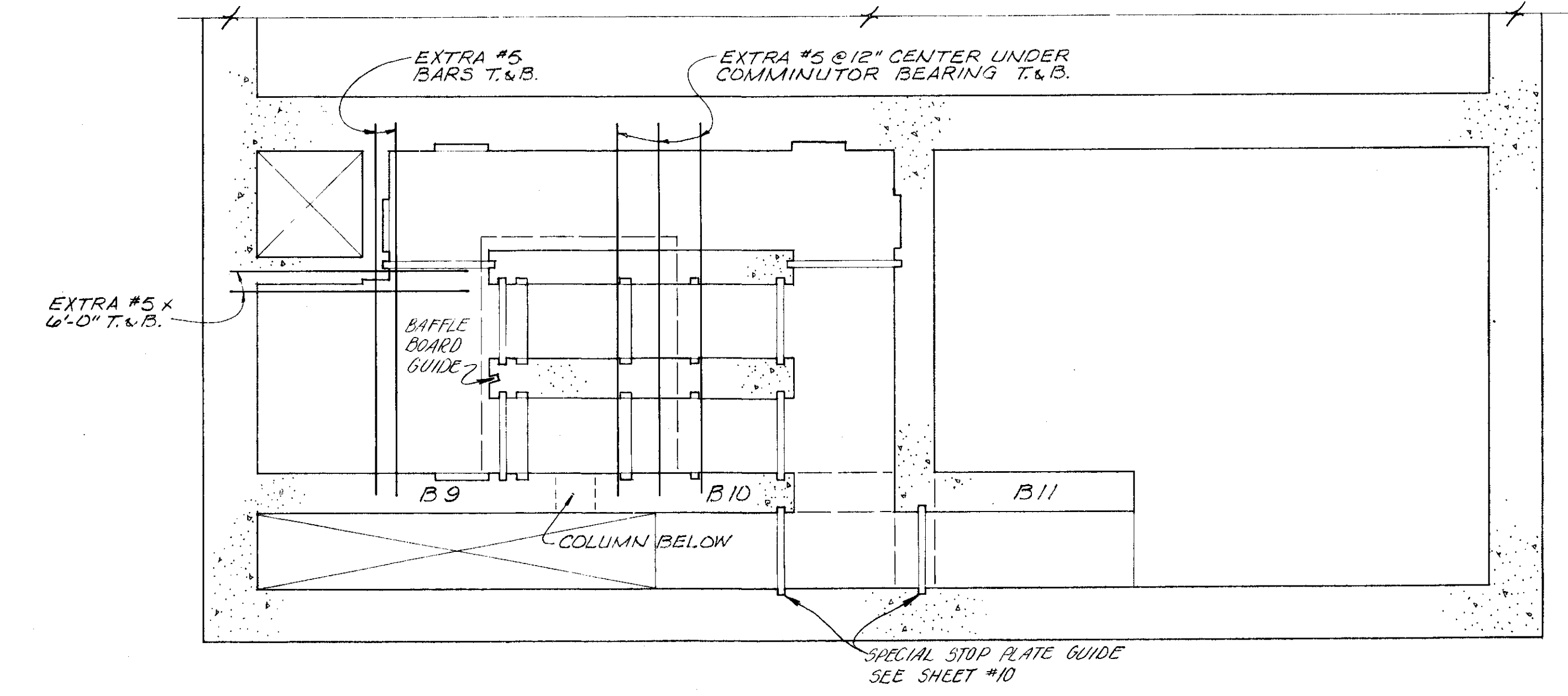
REVISIONS
REVISED 9-23-76
SCALE 3/8\"/>

UPPER & LOWER PLANS

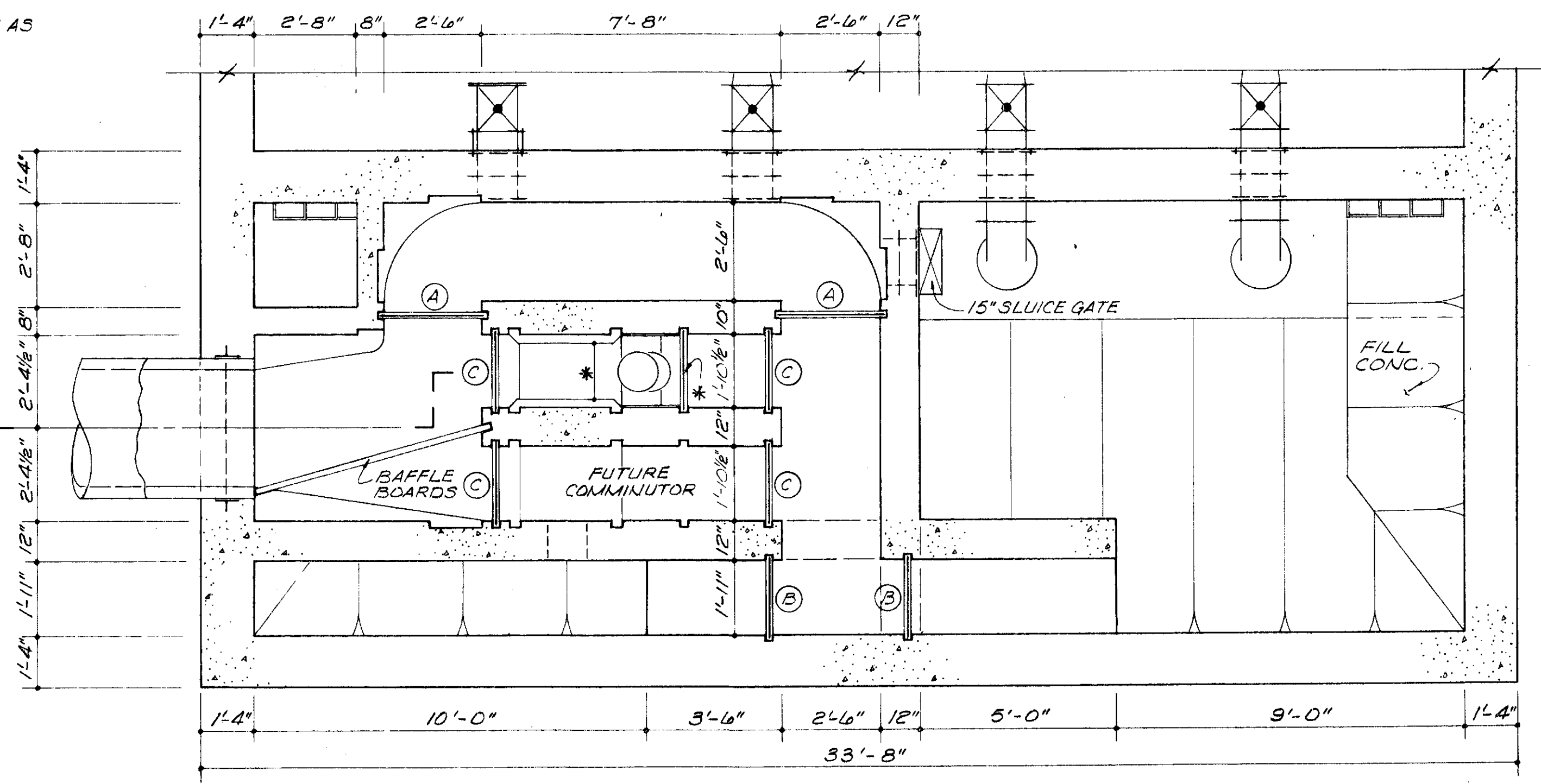
SHEET NO. 6



INTERMEDIATE PLAN
(SHOWING BELT BEAM RE-STEEL)



PARTIAL PLAN @ COMMUNOTOR LEVEL
(REINFORCING STEEL)



PARTIAL PLAN @ COMMUNOTOR LEVEL

* COMMUNOTOR MOUNTINGS, BAFFLE GUIDE AND DIMENSIONS DETERMINED BY EQUIPMENT FURNISHED.

REVISED 4-80 AS CONSTRUCTED
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BURGESS & NIPLE, LIMITED CONSULTING ENGINEERS
COLUMBUS, OHIO

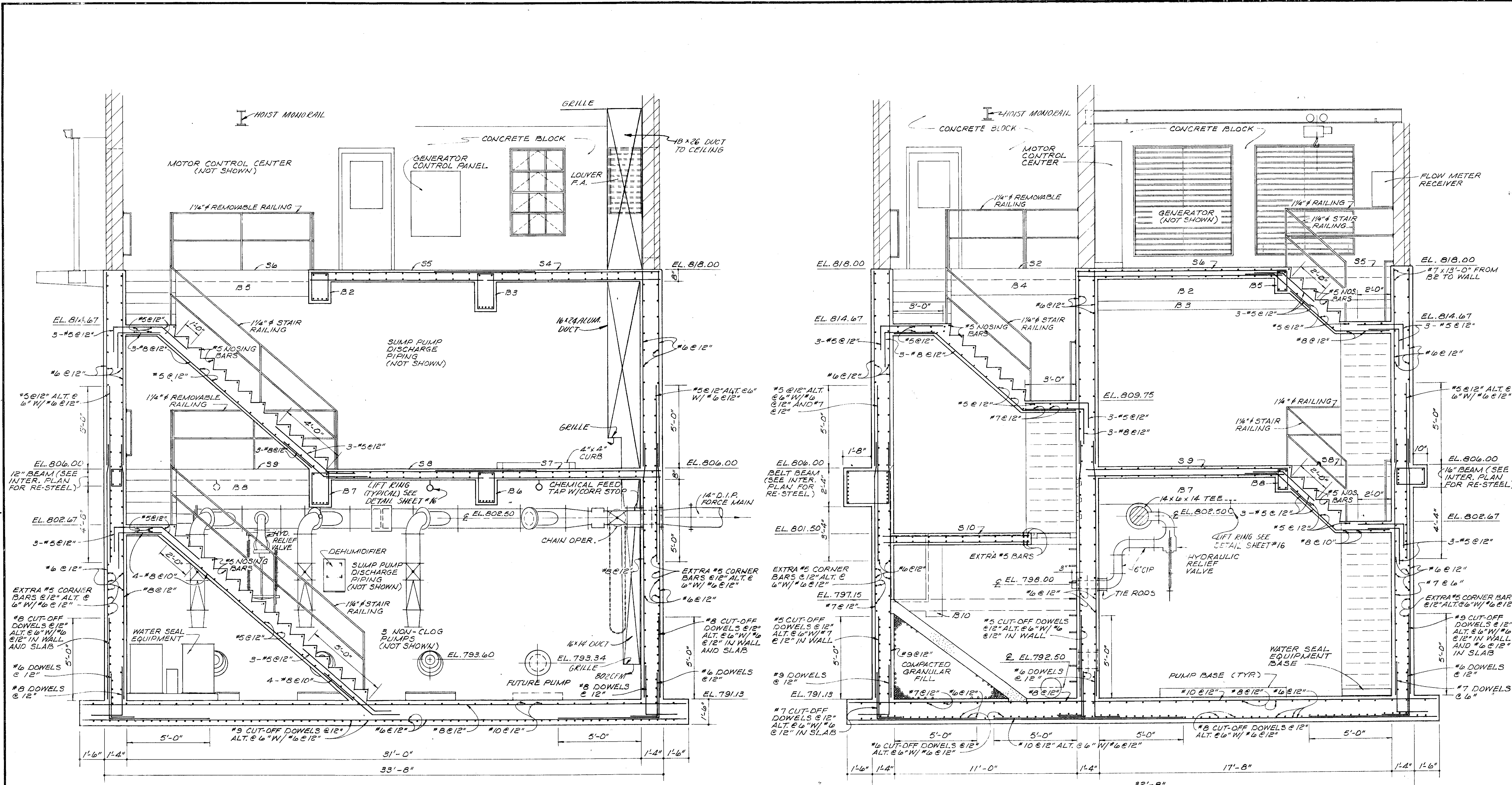
DELAWARE COUNTY, OHIO
ALUM CREEK PUMPING STATION
CONTRACT 74 S I

| | |
|-----------------|-----------|
| DESIGNED BY JRW | REVISIONS |
| DRAWN BY DEH | |
| CHECKED BY WSH | |
| APPROVED BY | |

| |
|------------------|
| SCALE 3/8"=1'-0" |
| JOB NO. 4230 |
| DATE APRIL, 1978 |

INTERMEDIATE PLAN
AND PARTIAL PLANS

SHEET NO.
7

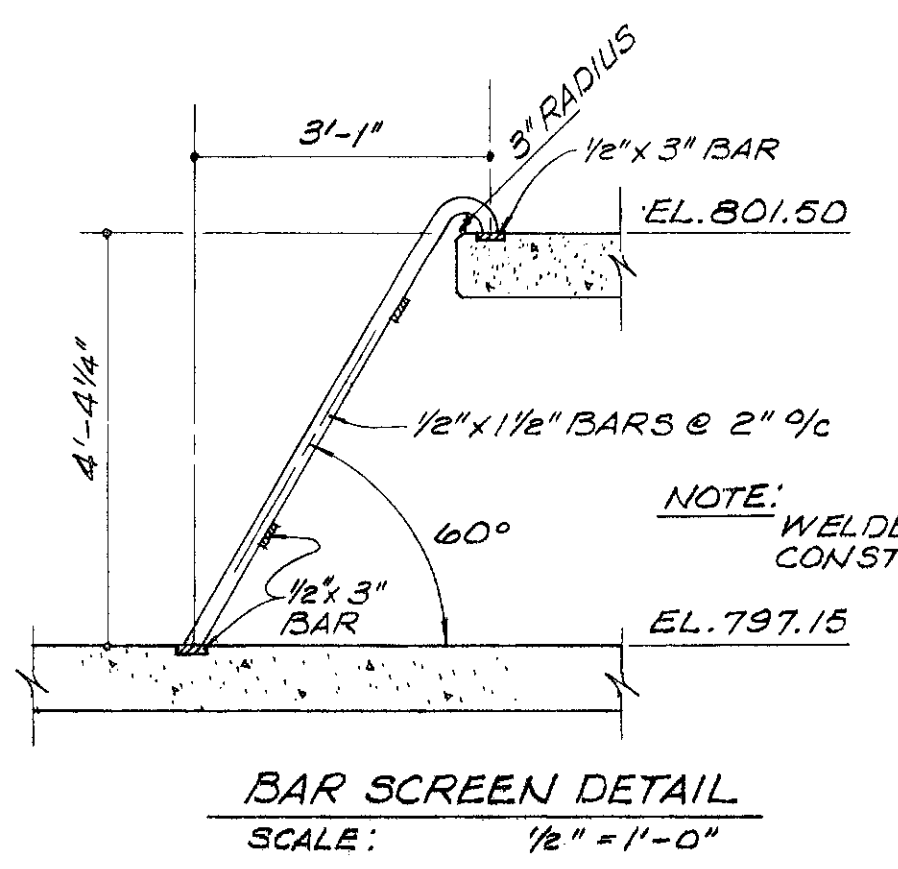
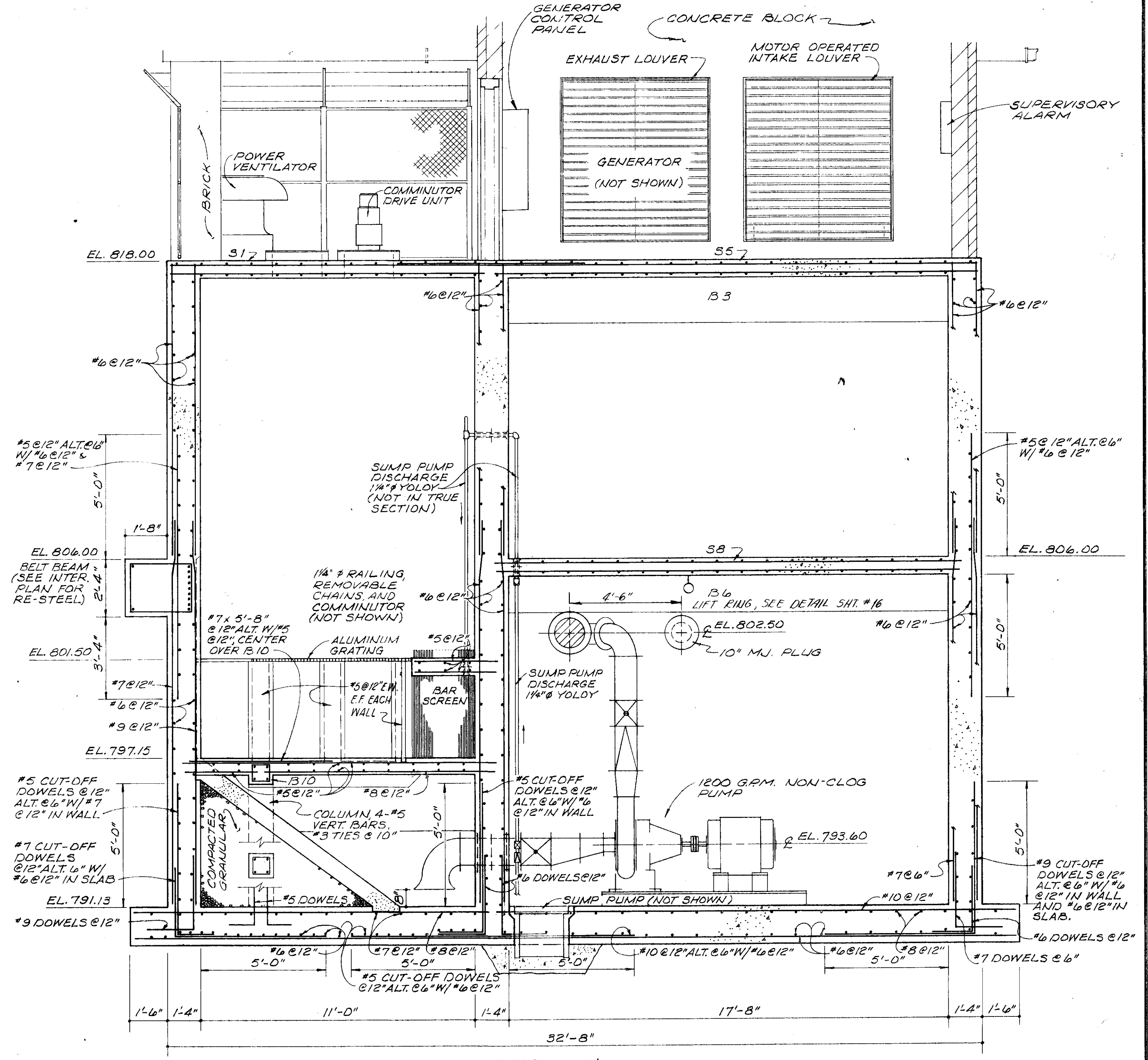
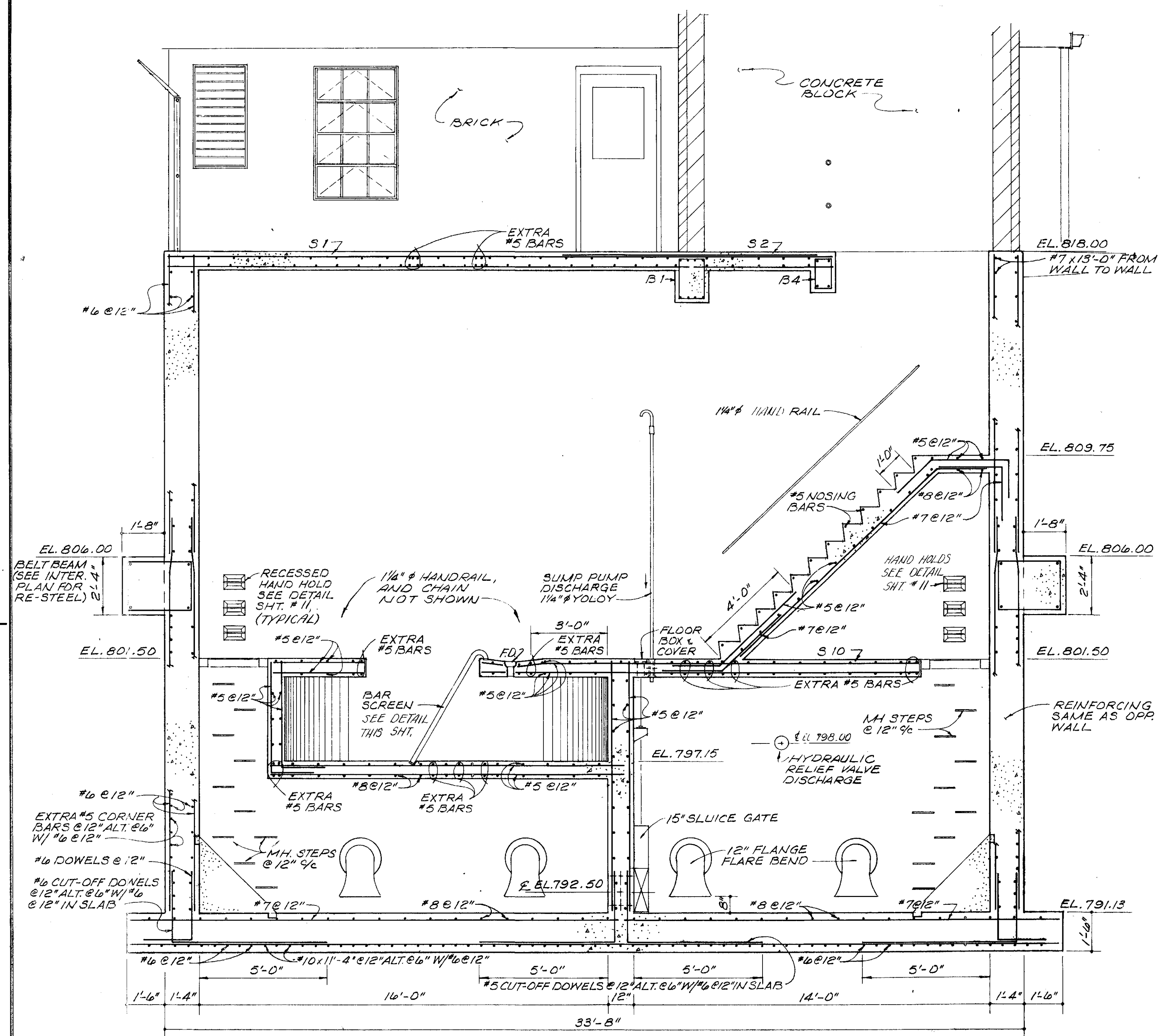


SECTION A
67

SECTION B
67

AS SHOWN ON SHEET 4-80 AS CONSTRUCTED
THE ENGINEER'S SIGNATURE HEREON IS INTENDED TO BE
COMPLETE AND CORRECT. HOWEVER, ALL PERSONS
SHALL VERIFY INFORMATION TAKEN FROM THIS
DRAWING.

| | | | | | | |
|--|---|--|------------------------------|---|---------------------------|------------------------------|
| BURGESS & NIPLE, LIMITED CONSULTING ENGINEERS COLUMBUS, OHIO | DELAWARE COUNTY, OHIO ALUM CREEK PUMPING STATION | DESIGNED BY <i>JRW/LO</i> DRAWN BY <i>DEH</i> CHECKED BY <i>WJH</i> APPROVED BY | REVISIONS REVISED 2-23-74 | SCALE 3/8" = 1'-0" JOB NO. 4230 DATE APRIL, 1975 | SECTIONS A & B | SHEET NO. 8 |
| | | 37-D | | | | |



SECTION C
6,7

SECTION D
6,7

REVISED 4-80 AS CONSTRUCTED
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BURGESS & NIPLE, LIMITED CONSULTING ENGINEERS
COLUMBUS, OHIO

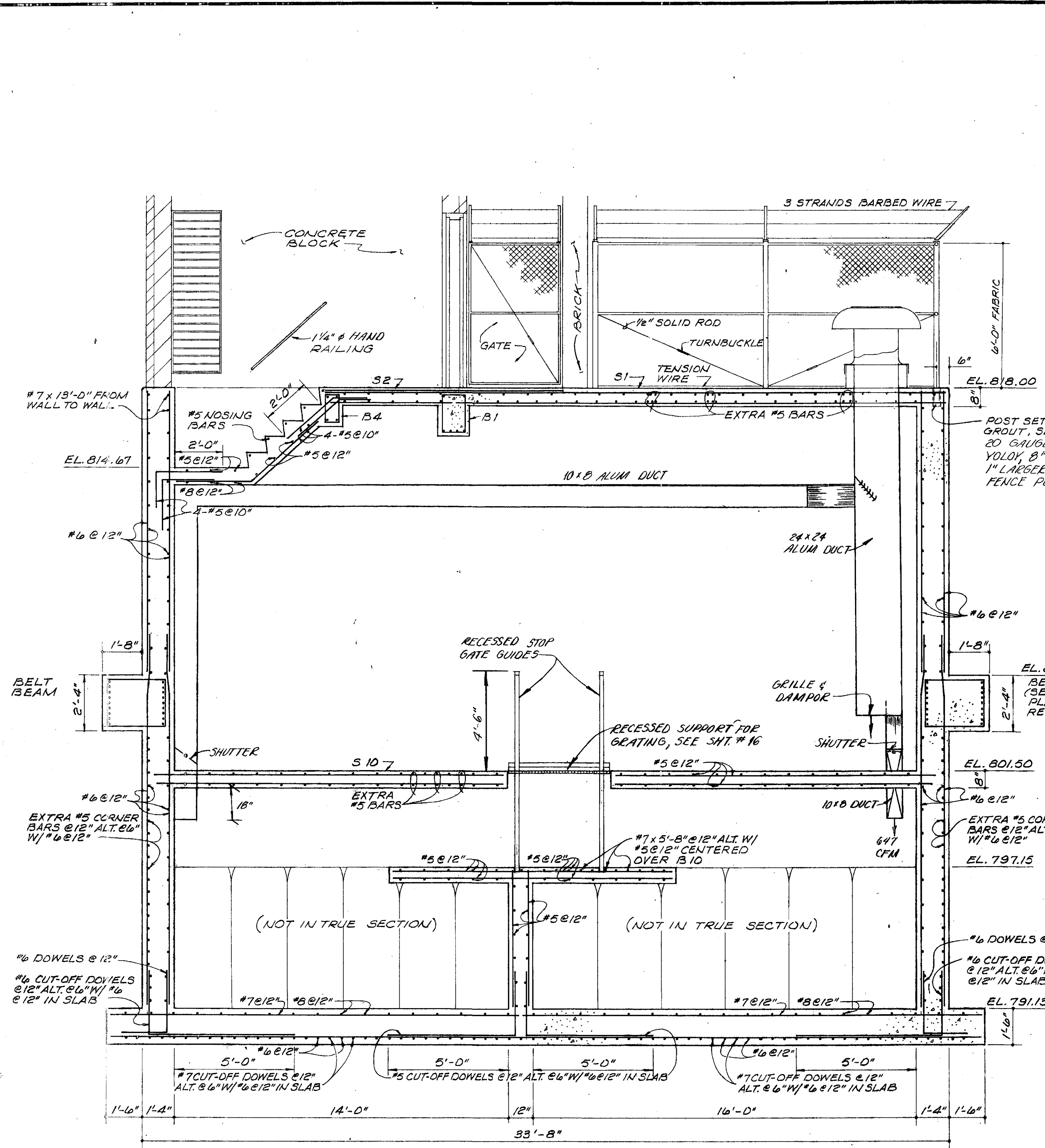
DELAWARE COUNTY, OHIO
ALUM CREEK PUMPING STATION

DESIGNED BY *JRW*
DRAWN BY *DEH*
CHECKED BY *[Signature]*
APPROVED BY *[Signature]*

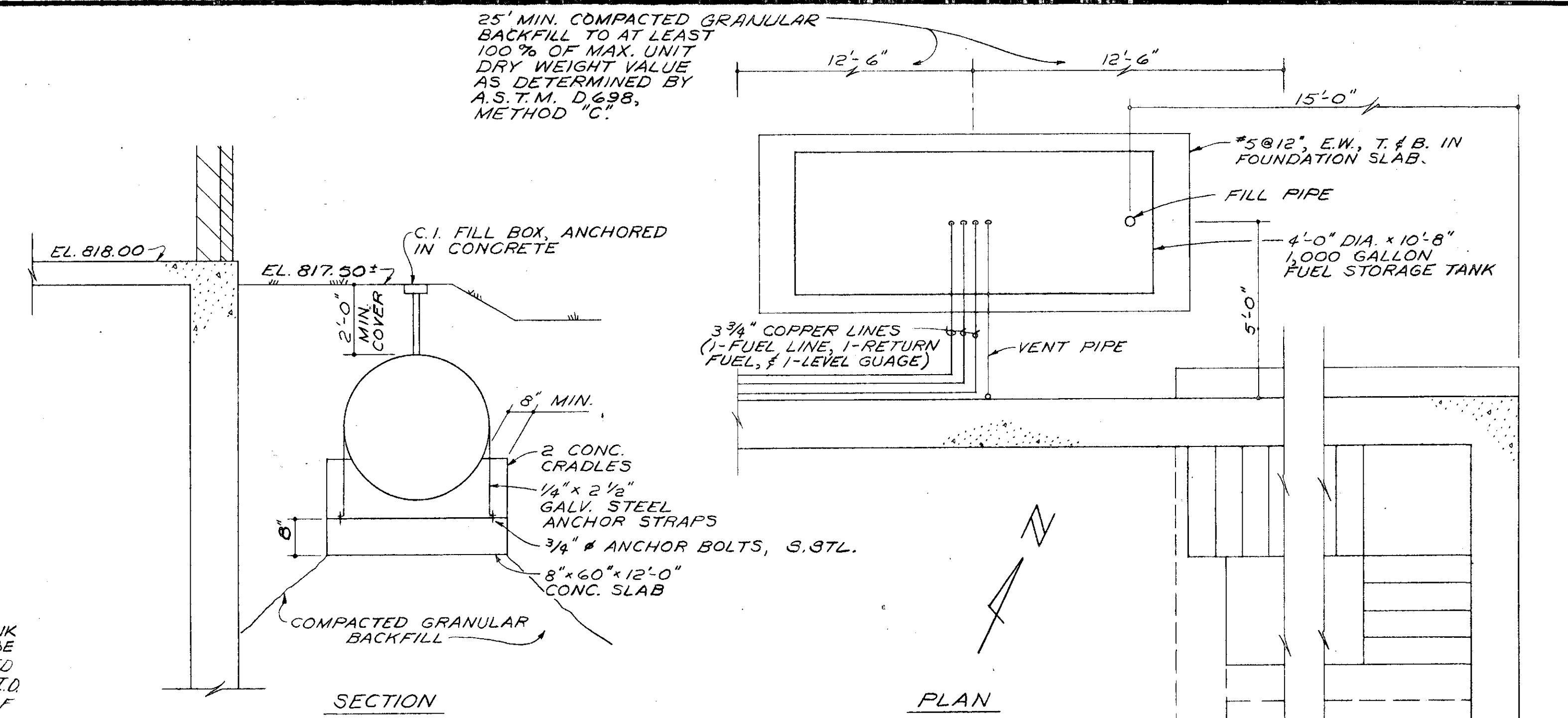
REVISIONS
REVISED 9-23-76
SCALE 3/8" = 1'-0"
JOB NO. 4230
DATE APRIL, 1975

SECTIONS C & D

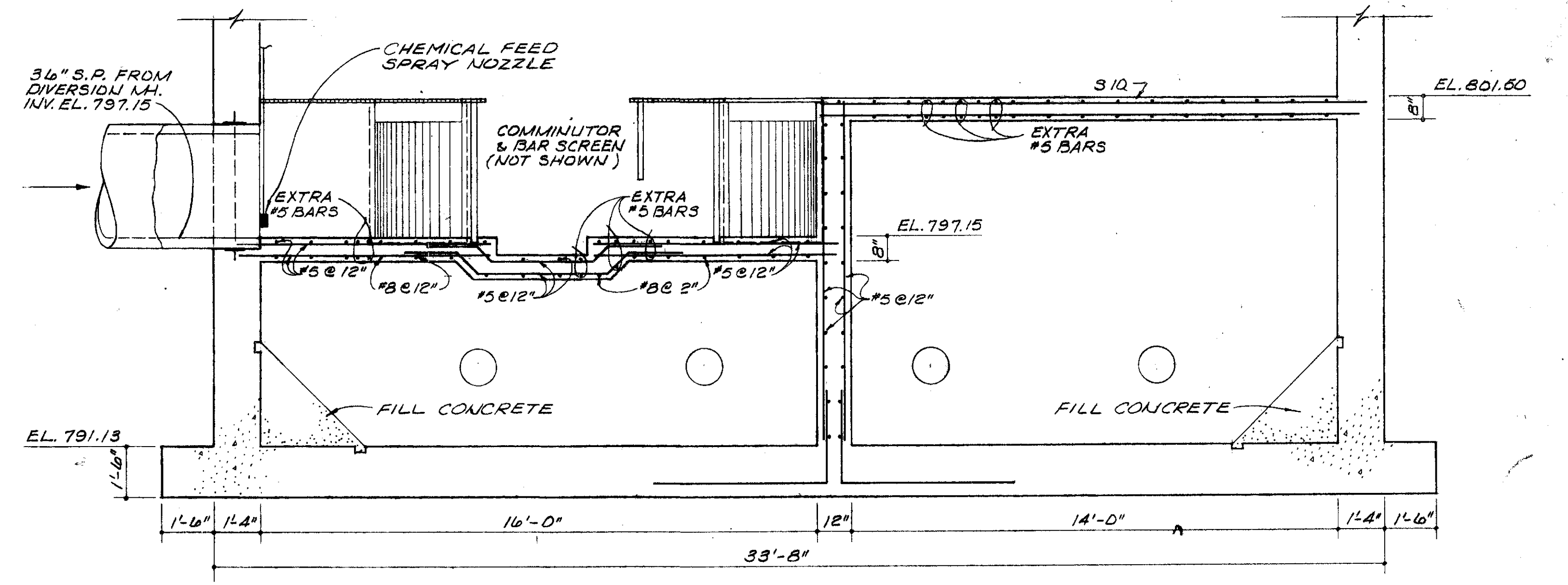
SHEET NO.
9



SECTION E
67



FUEL STORAGE TANK DETAIL
SCALE: 3/8"=1'-0"



SECTION F
7

REVISED 4-80 AS CONSTRUCTED
THE INFORMATION SHOWN HEREON IS INTENDED TO BE COMPLETE AND CORRECT. HOWEVER, ALL PERSONS SHALL VERIFY INFORMATION TAKEN FROM THIS DRAWING.

BURGESS & NIPL, LIMITED CONSULTING ENGINEERS
COLUMBUS, OHIO

DELAWARE COUNTY, OHIO
ALUM CREEK PUMPING STATION

DESIGNED BY JRW/LD
DRAWN BY DEH
CHECKED BY
APPROVED BY

SCALE 1/8"=1'-0"
JOB NO. 4230
DATE APRIL, 1973

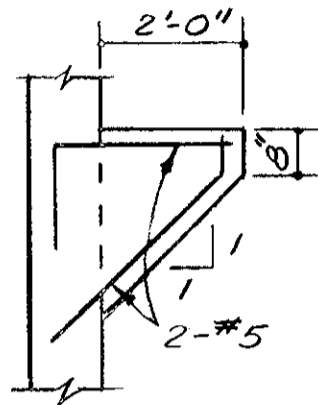
SECTIONS E & F

SHEET NO. 10

PIPE SUPPORT BEAM SCHEDULE

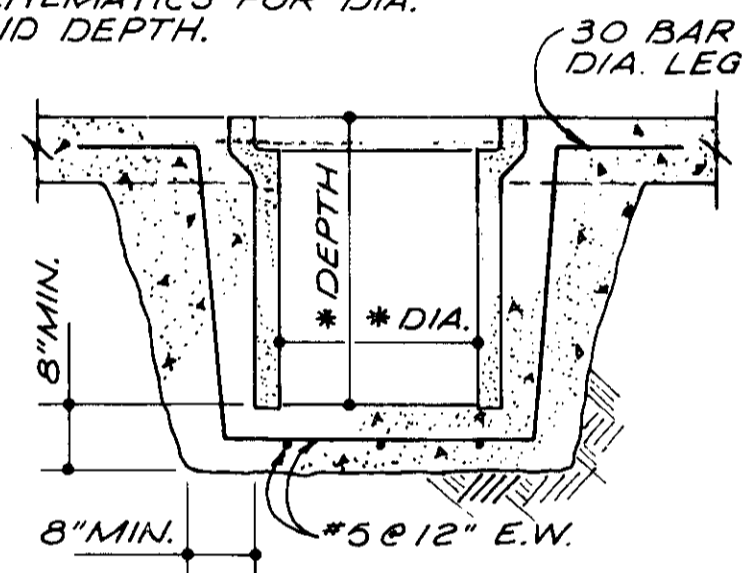
| PIPE SIZE, TYPE & LOCATION | BEAM SIZE | | MAX LG. L | REINFORCING | | #3 CLOSED STIRRUPS SPACED CONT. ALONG LENGTH OF BEAM. |
|---|-----------|-----|-----------|--------------|-----------------|---|
| | b | d | | TOP No. SIZE | BOTTOM No. SIZE | |
| 36" S.P. BETWEEN DIVER. MH. & PUMP STATION @ PUMP STATION | 36" | 12" | 6'-0" | 4-#5 | 4-#9 | 12" |
| 14" D.I.P. WEST SIDE OF PUMP STATION | 14" | 14" | 8'-0" | 2-#5 | 2-#9 | 12" |
| 2" WATER, 2-3" & 1-1/2" ELEC. SERVICE CONDUIT, NORTH SIDE OF PUMP STATION | 12" | 14" | 14'-0" | 2-#5 | 2-#9 | 12" |
| 10" C.I.P. @ DIVER. MH. | 12" | 12" | 6'-0" | 2-#5 | 3-#5 | 12" |
| 1" ELEC. CONDUIT WEST END OF SOUTH WALL OF PUMP STATION | 12" | 14" | 14'-0" | 2-#5 | 2-#9 | 12" |

* PROVIDE ADDITIONAL HAUNCH 4'-6" NORTH OF THIS SUPPORT BEAM FOR FUTURE SUPPORT BEAM @ SAME ELEVATION

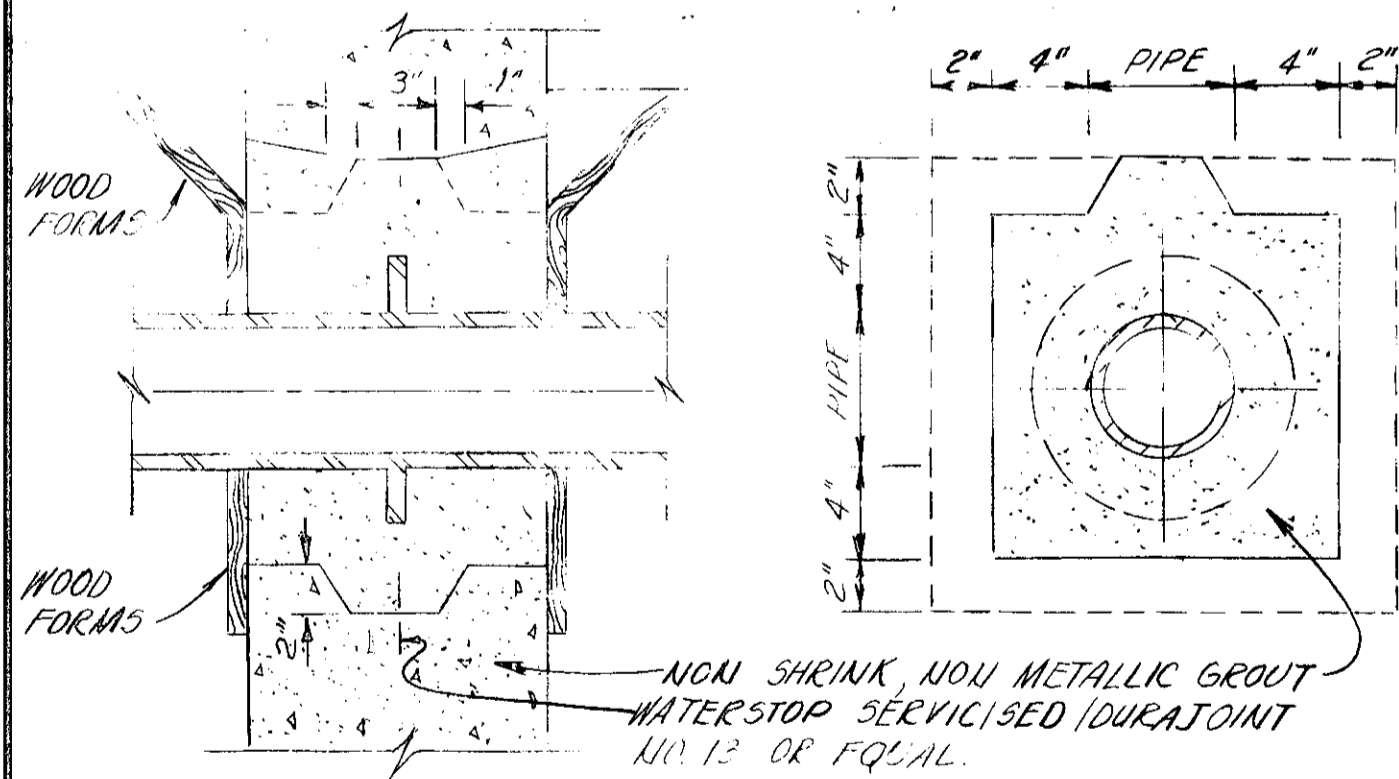


ELEC. CONDUIT SUPPORT HAUNCH (EAST SIDE - PUMP STA. 3 REQ'D, SEE SH. #18)

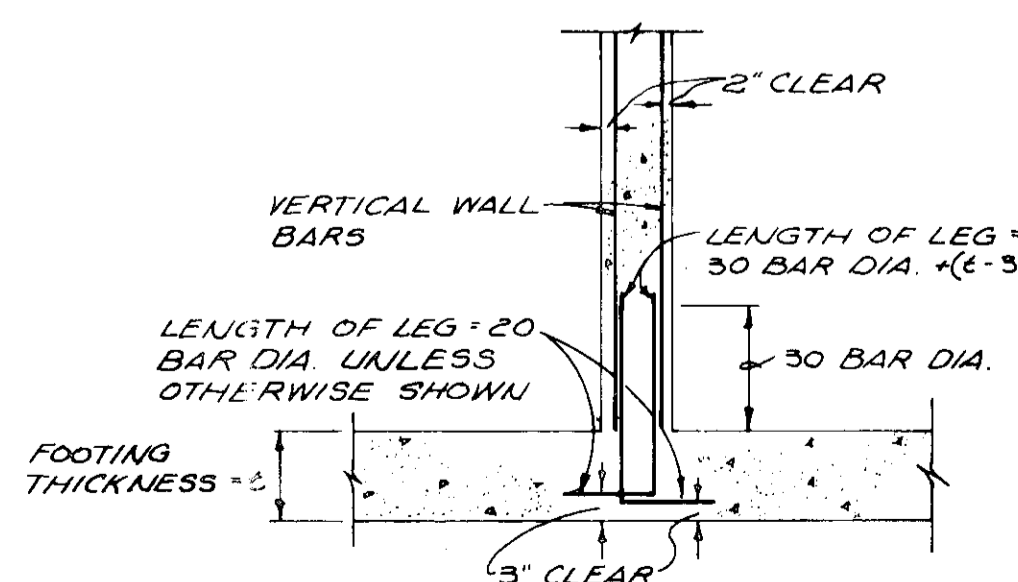
* CONC. SEWER PIPE SUMP SEE SCHEMATICS FOR DIA. AND DEPTH.



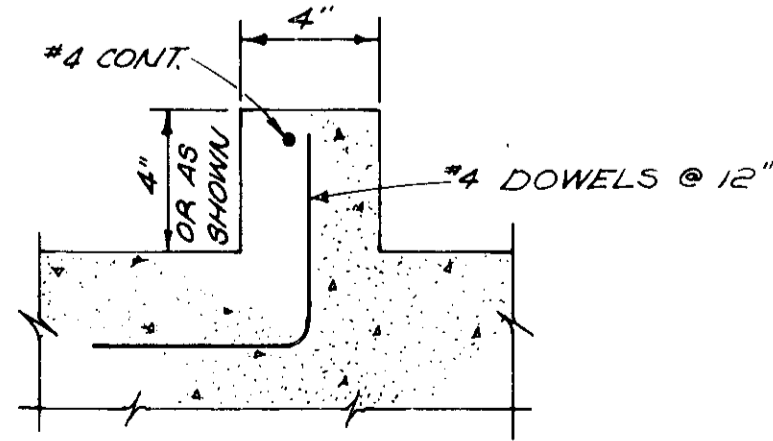
SUMP DETAIL SCALE: NONE



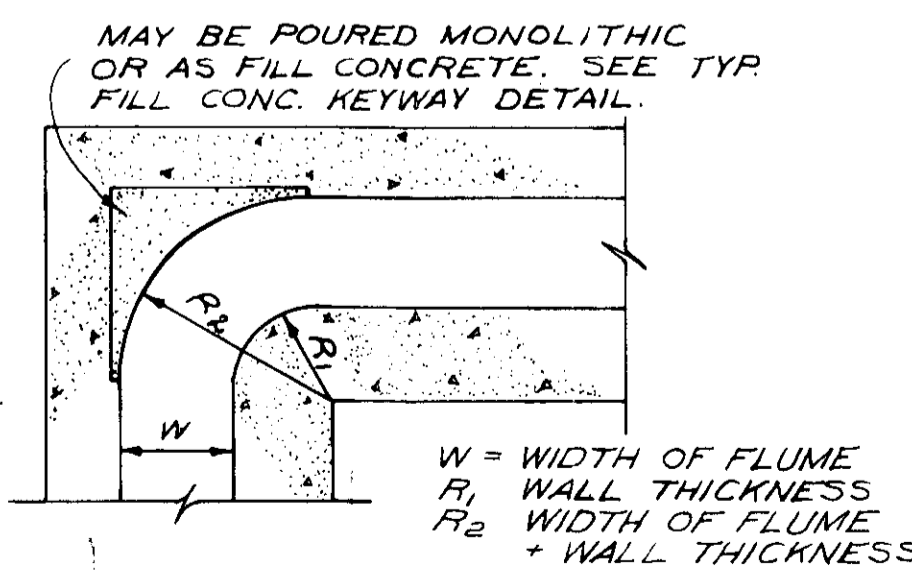
STANDARD BOX-OUT DETAIL



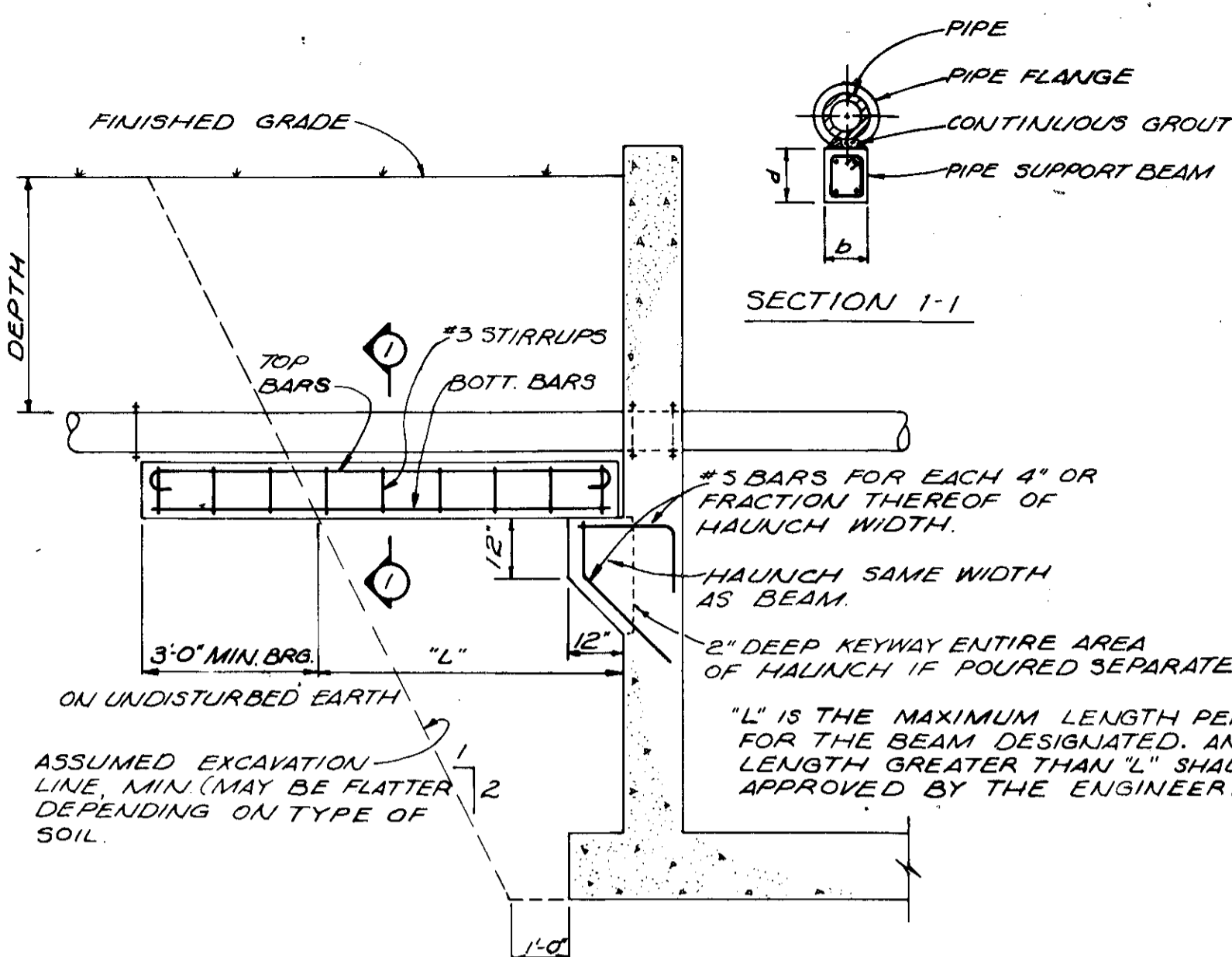
TYPICAL FOOTING DOWEL DETAIL



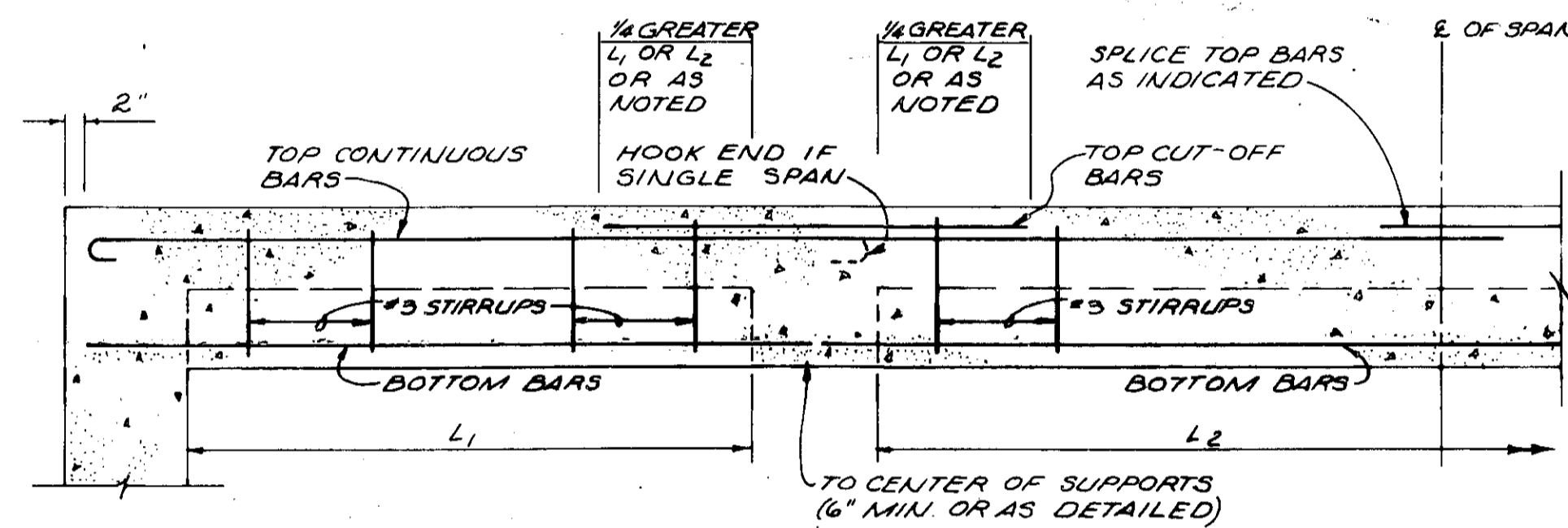
TYPICAL CURB DETAILS



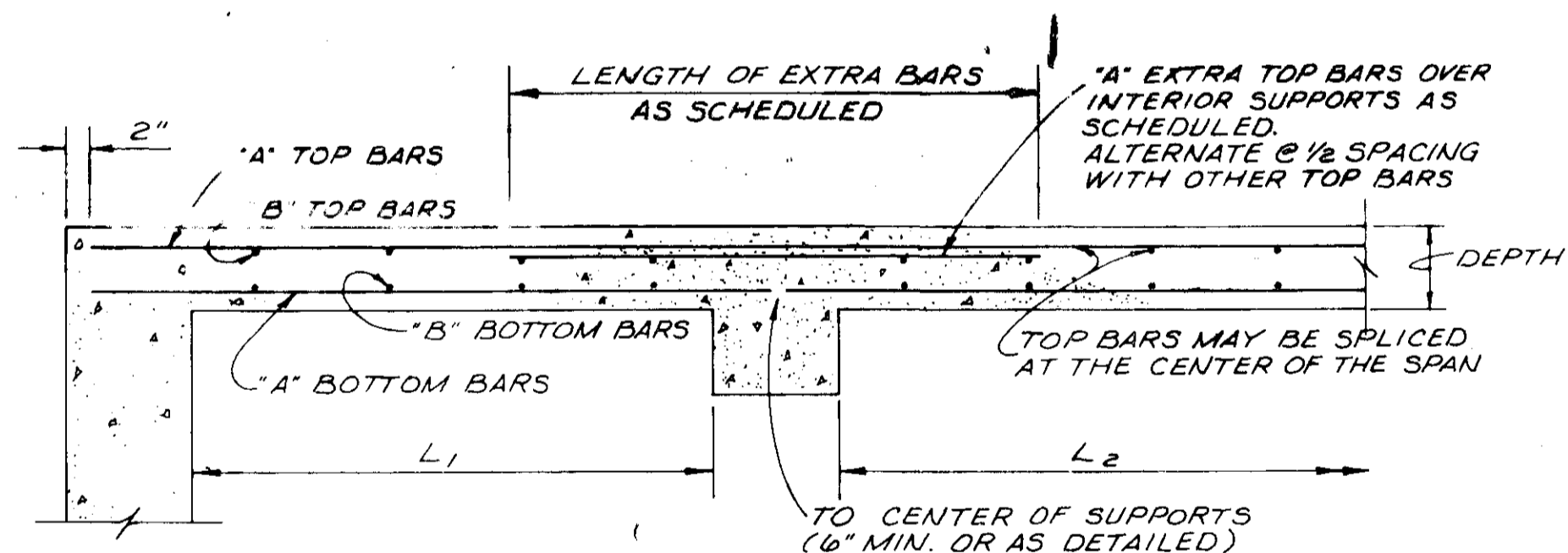
TYPICAL FLUME CORNER DETAIL



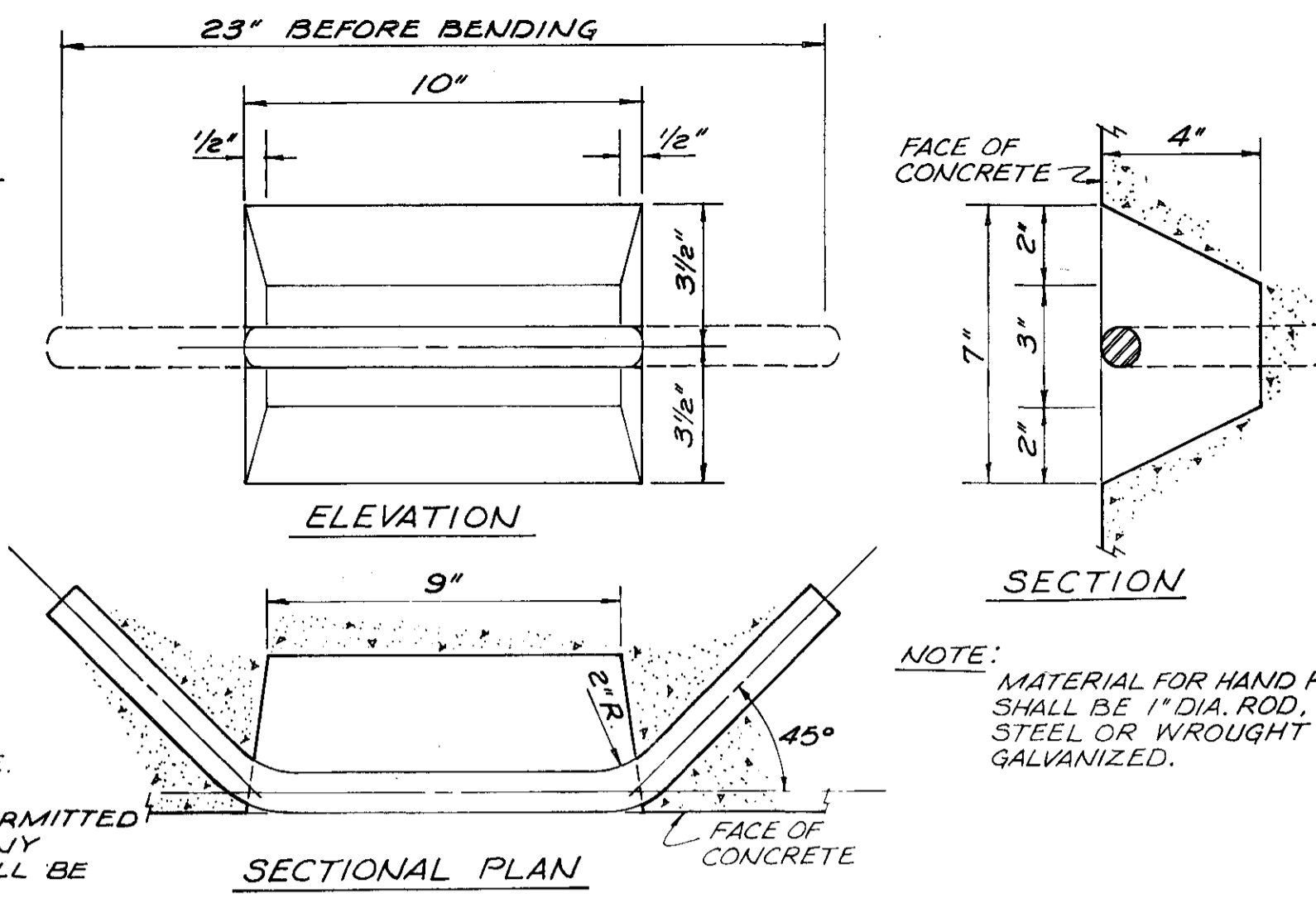
TYPICAL PIPE SUPPORT BEAM DETAIL



CONCRETE BEAM DETAIL



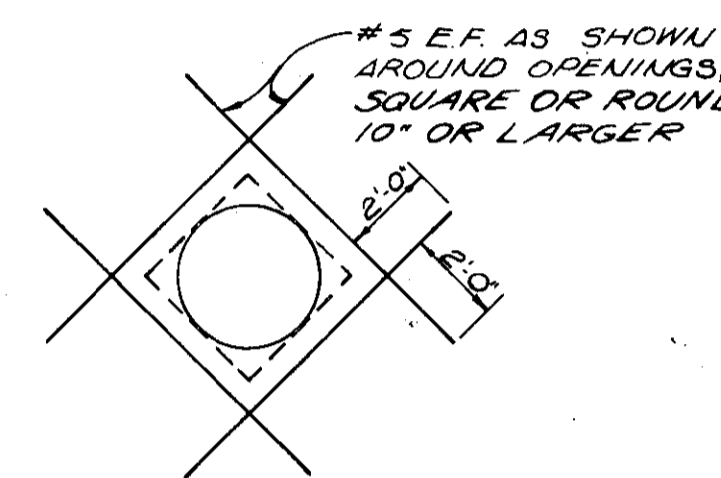
CONCRETE SLAB DETAIL



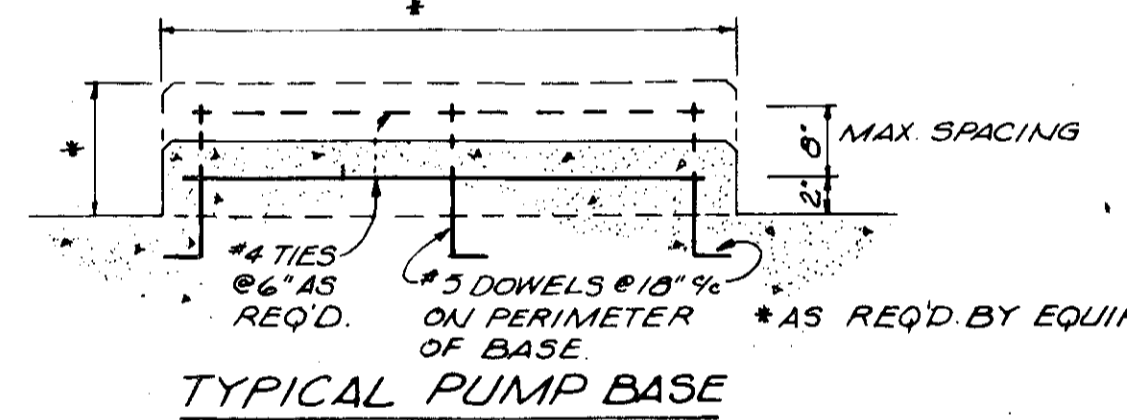
ELEVATION

SECTIONAL PLAN

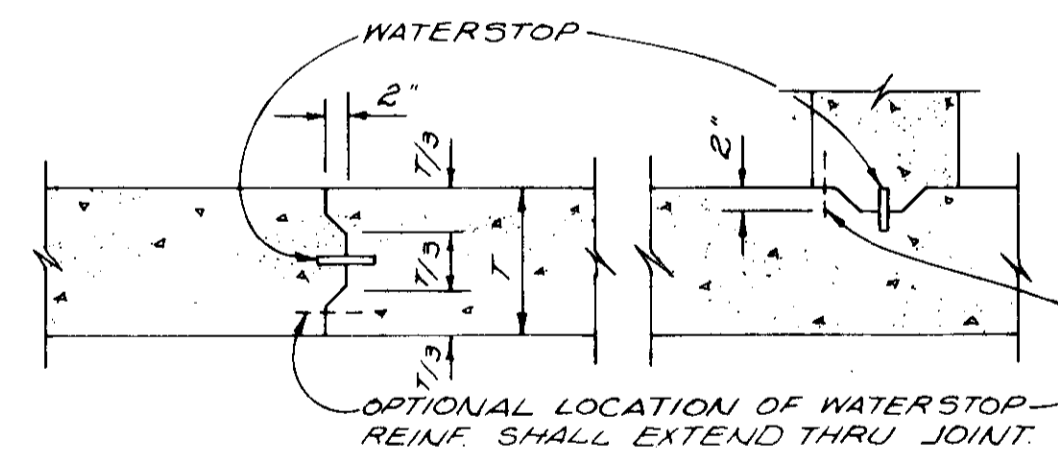
RECESSED HAND HOLD



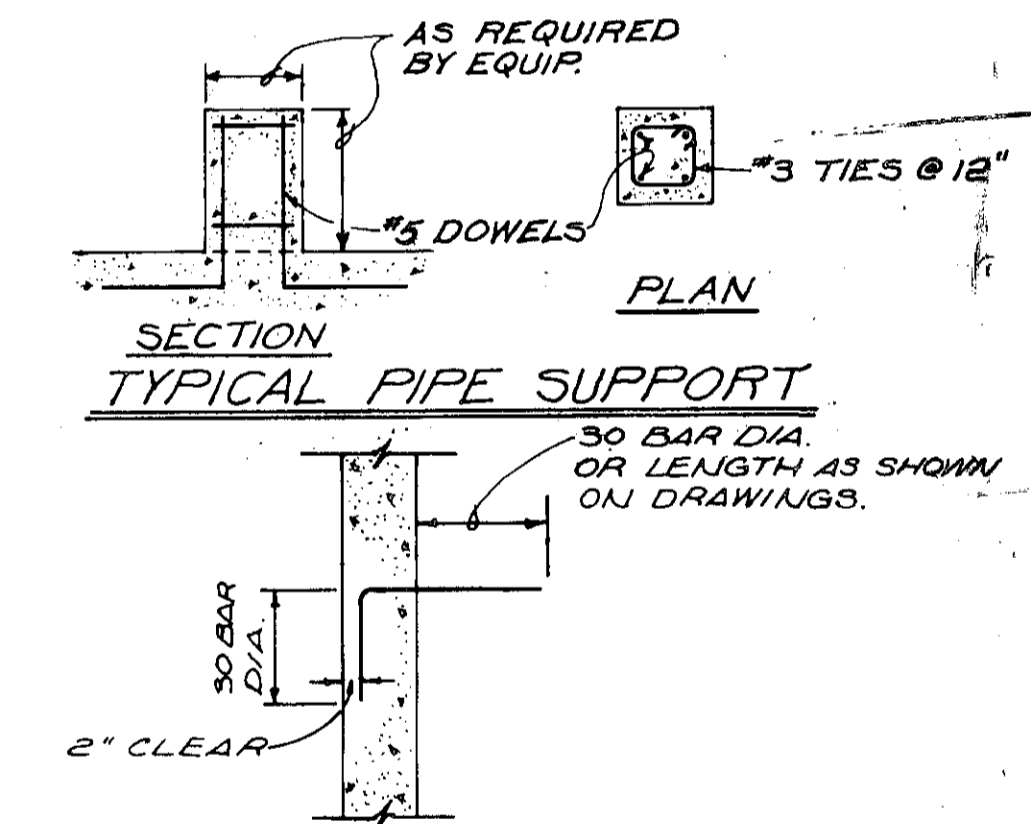
TYPICAL OPENING DETAIL



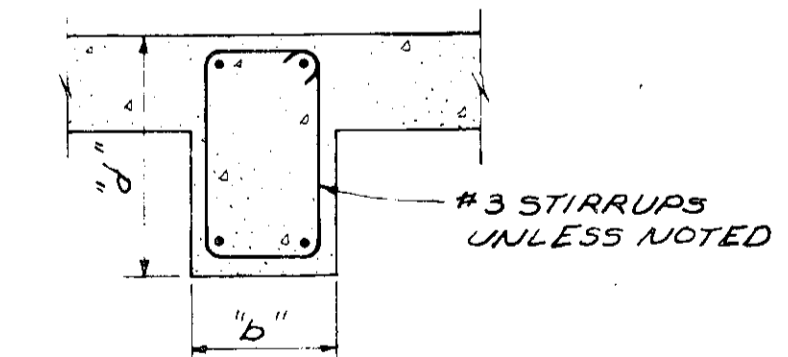
TYPICAL PUMP BASE



TYPICAL CONSTRUCTION JOINT DETAIL

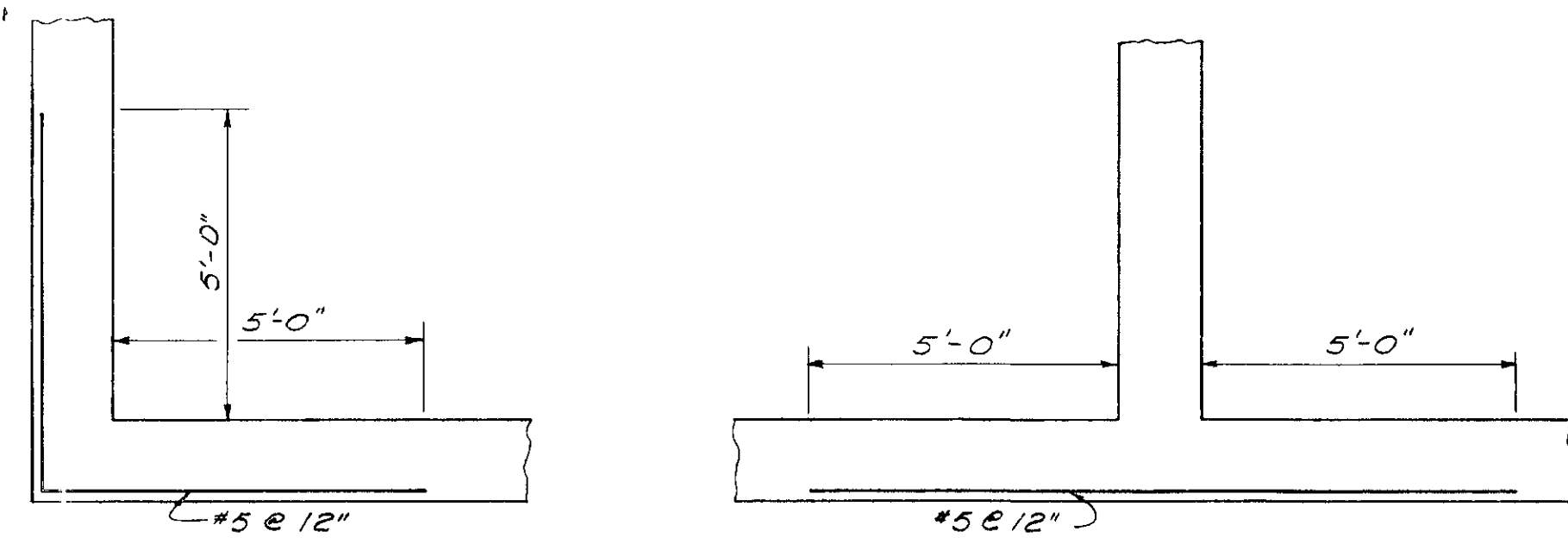


TYPICAL WALL DOWEL DETAIL



TYPICAL STIRRUP DETAIL

- NOTES**
- STANDARD DETAILS AND NOTES APPLY TO ALL STRUCTURES AND BUILDINGS UNLESS OTHERWISE NOTED.
 - DURING CONSTRUCTION, ALL TANKS ARE BUOYANT WHEN EMPTY. IN THE EVENT THAT THE EXCAVATION BECOMES FLOODED OR THE SURROUNDING GROUND BECOMES SATURATED, THE TANKS MUST BE FILLED WITH WATER TO PREVENT FLOATATION.
 - ALL NON-REENTRANT CORNERS OF EXPOSED CONCRETE COLUMNS, BEAMS, PIERS, AND WALLS SHALL HAVE A 3/4" x 45° CHAMFER.
 - SEE SPECIFICATIONS FOR CLEARANCES FOR ALL REINFORCING BARS.
 - IN TWO WAY SOLID SLABS, PLACE SHORT SPAN BARS NEAREST TO THE SURFACE OF THE CONCRETE, UNLESS OTHERWISE SHOWN.
 - TEMPERATURE STEEL SHALL BE PLACED FURTHEST FROM THE SURFACE OF THE CONCRETE.
 - ALL REINFORCING STEEL LAPS AND SPLICES SHALL BE 30 BAR DIAMETERS AND NOT LESS THAN 12" UNLESS OTHERWISE NOTED OR SCHEDULED.
 - ALL JOINTS SHALL BE LOCATED WHERE SHOWN ON THE DRAWINGS. NO HORIZONTAL JOINTS SHALL BE MADE IN SLABS OR BEAMS. CONSTRUCTION JOINTS REQUESTED BY THE CONTRACTOR AND NOT INDICATED ON THE DRAWINGS MUST BE APPROVED BY THE ENGINEER.
 - ALL ALUMINUM IN CONTACT WITH CONCRETE OR DISSIMILAR METALS SHALL BE COATED WITH TWO COATS OF BITUMASTIC.
 - WATERSTOP FOR HORIZONTAL CONSTRUCTION JOINTS SHALL BE PVC SERRATED TYPE WITHOUT CENTER BULB, NOT LESS THAN 4" WIDTH AND 3/8" THICK, OR #2 GAUGE GALVANIZED STEEL 5" WIDTH. WATERSTOP FOR VERTICAL CONSTRUCTION JOINTS SHALL BE PVC SERRATED TYPE WITHOUT CENTER BULB, NOT LESS THAN 4" WIDTH AND 3/8" THICK OR 20 OZ. COPPER OF A DESIGN APPROVED BY THE ENGINEER.
 - PVC WATERSTOP FOR CONSTRUCTION JOINTS SHALL BE SERVICISED/ DURAJOINT NO.13, LEXSUCCO OR EQUAL WITH ALL JOINTS SPLICED. JOINTS OF METAL WATERSTOPS SHALL BE LAPPED AT LEAST 4".
 - WATERSTOP FOR EXPANSION JOINTS SHALL BE PVC SERRATED TYPE, NOT LESS THAN 9" WIDTH AND 3/8" THICK, SERVICISED/ DURAJOINT NO.7, LEXSUCCO OR EQUAL WITH ALL JOINTS SPLICED.
 - GROUT FOR TANK BOTTOMS AND FLUMES SHALL BE PERMITTED.



EXTRA #5 CORNER BARS
 (ALTERNATE @ 6" W/ #6 @ 12" OUTSIDE FACE ONLY)
 SCALE: NONE

| CONCRETE SLAB SCHEDULE | | | | | | | | |
|------------------------|-------|-------------|---------|---|----------|---------|---|---------|
| MARK | DEPTH | REINFORCING | | | | | | REMARKS |
| | | "A" BOT. | "A" TOP | "A" EXTRA TOP | "B" BOT. | "B" TOP | "B" EXTRA TOP | |
| S1 | 8" | *5@12" | *5@12" | *4 x 10'-0" @ 12" ALT. WITH "A" TOP BARS CENTER OVER B1 | *5@12" | *5@12" | *5 x 7'-6" @ 12" ALT. @ 6" WITH "B" TOP BARS CENTER OVER WALL | |
| S2 | 8" | *5@12" | *5@12" | SEE S1 | *5@12" | *5@12" | | |
| S3 | 8" | *8@12" | *5@12" | *5 x 6'-0" @ 12" ALT. WITH "A" TOPS BARS CENTER OVER B3 | *5@12" | *5@12" | SEE S1 | |
| S4 | 8" | *6@12" | *5@12" | *4 x 6'-0" @ 12" ALT. WITH "A" TOP BARS CENTER OVER B3 | *5@12" | *5@12" | | |
| S5 | 8" | *6@12" | *5@12" | *4 x 7'-6" @ 12" ALT. WITH "A" TOP BARS CENTER OVER B2 | *5@12" | *5@12" | SEE S1 | |
| S6 | 8" | *5@12" | *5@12" | SEE S5 | *5@12" | *5@12" | | |
| S7 | 8" | *6@12" | *5@12" | *4 x 6'-0" @ 12" ALT. WITH "A" TOP BARS CENTER OVER B6 | *5@12" | *5@12" | | |
| S8 | 8" | *6@12" | *5@12" | *4 x 7'-6" @ 12" ALT. WITH "A" TOP BARS CENTER OVER B7 | *5@12" | *5@12" | | |
| S9 | 8" | *5@12" | *5@12" | SEE S8 | *5@12" | *5@12" | | |
| S10 | 8" | *6@12" | *5@12" | | *5@12" | *5@12" | EXTRA #5 BARS E.W. UNDER STAIRS SEE PLAN | |

| CONCRETE BEAM SCHEDULE | | | | | | |
|------------------------|------|-----|-----------------|--------------------------|--|---|
| MARK | SIZE | | REINFORCING | | | |
| | | | BOTTOM | | TOP | |
| | b | d | NO.-SIZE | NO.-SIZE | REMARK | #3 CLOSED STIRRUPS SPACING FROM FACE OF SUPPORT EA FACE |
| B-1 | 16" | 24" | 4-#6 | 2-#9 CONT. 3-#9 @ 11'-0" | CENTER #9 @ 11'-0" OVER WALL | 7 @ 9" |
| B-2 | 16" | 24" | 2-#11 #2-#10 | 2-#9 | | 8 @ 4", 2 @ 5", 1 @ 6", 1 @ 8", 5 @ 9" |
| B-3 | 16" | 30" | 3-#11 #2-#10 | 2-#10 | | 9 @ 9" # 1 @ 18" |
| B-4 | 12" | 20" | 2-#7 | 2-#5 | | 5 @ 12" |
| B-5 | 12" | 20" | 2-#9 | 2-#5 | | 5 @ 12" |
| B-6 | 16" | 26" | 3-#11 #2-#10 | 2-#10 | | 8 @ 9", 1 @ 22" |
| B-7 | 16" | 28" | 2-#11 #3-#10 | 2-#10 | | 8 @ 9", 1 @ 22" |
| B-8 | 12" | 20" | 2-#9 | 2-#5 | | 5 @ 12" |
| B-9 | 12" | 12" | 2-#9 CONT. 2-#5 | 2-#6 CONT. 2-#8 @ 5'-6" | BOTTOM #9 BARS ARE CONT. OVER SUPPORT. (DOUBLY REINF.) CENTER TOP #8 @ 5'-6" OVER COLUMN | 4 @ 3", 2 @ 4", # 5 @ 5" |
| B-10 | 12" | 12" | 2-#8 | 2-#6 CONT. 2-#5 @ 5'-6" | CENTER #5 @ 5'-6" OVER WALL | 4 @ 3", 2 @ 4", # 5 @ 5" |
| B-11 | 12" | 12" | 2-#5 | 2-#6 | | 4 @ 5", 3 @ 10" |

REVISED 4-80 AS CONSTRUCTED
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BURGESS & NIPLÉ, LIMITED CONSULTING ENGINEERS
 COLUMBUS, OHIO

DELAWARE COUNTY, OHIO
 ALUM CREEK PUMPING STATION

DESIGNED BY L.O.
 DRAWN BY RRP
 CHECKED BY
 APPROVED BY

REVISIONS

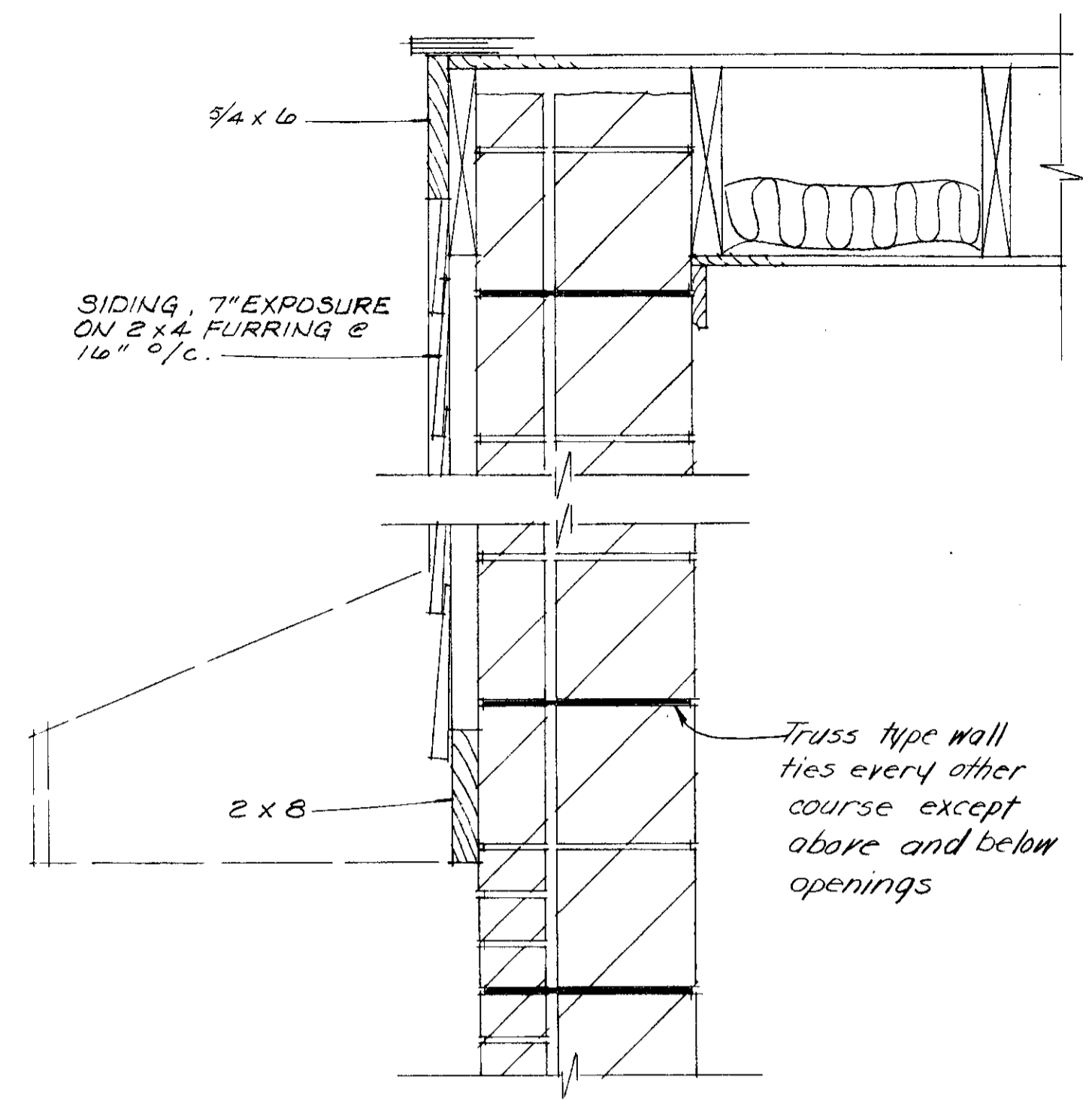
SCALE
 AS NOTED
 JOB NO. 4230
 DATE APRIL, 1975

SLAB & BEAM SCHEDULES

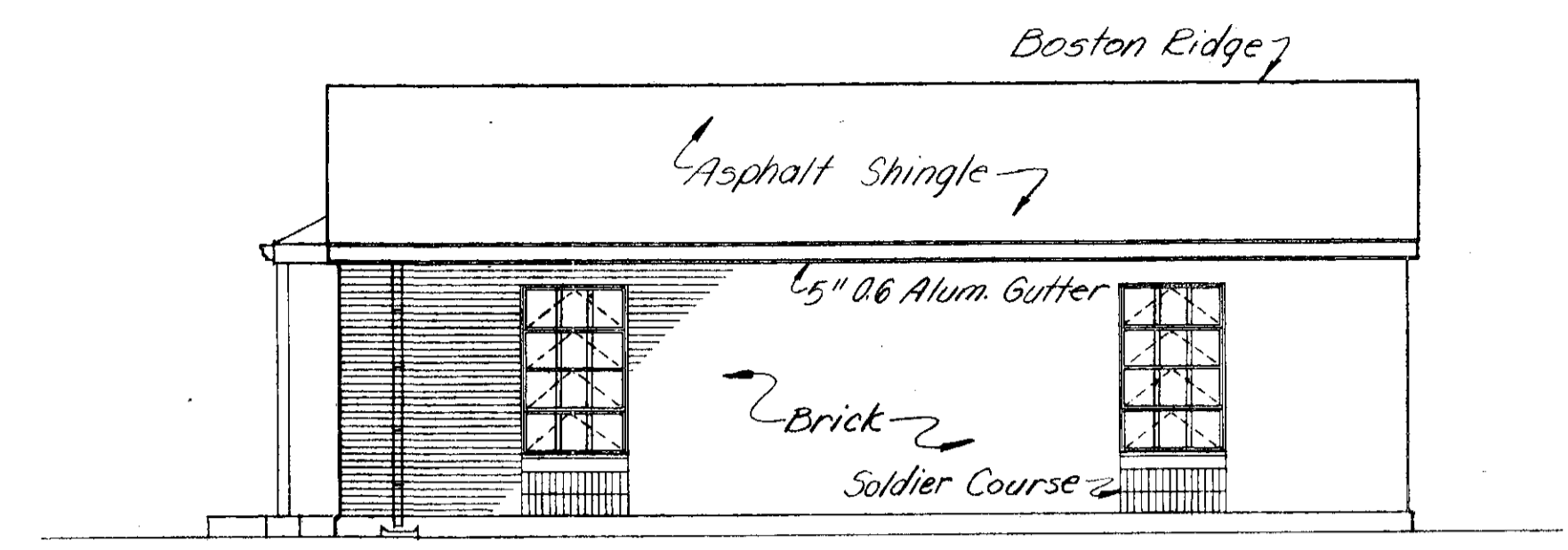
SHEET NO.
 12

NOTE

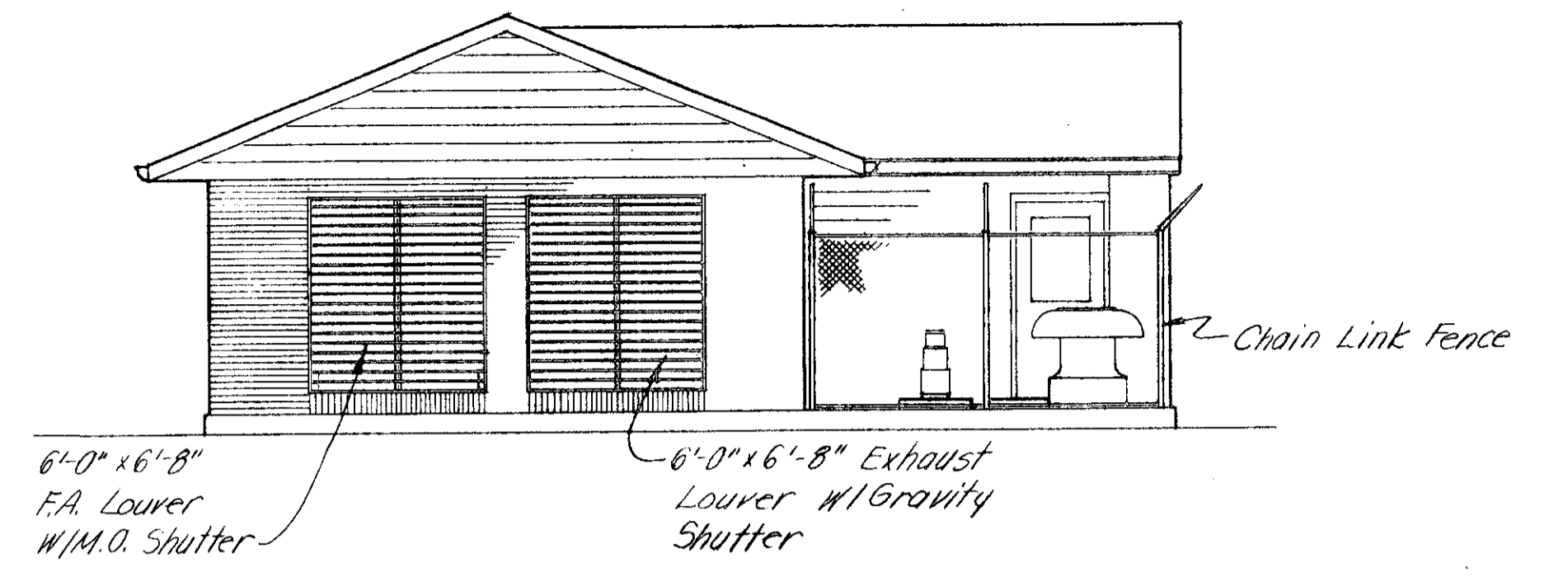
All face brick to modular laid in running bond except where shown as soldier course. Soldier course to be stack bond.



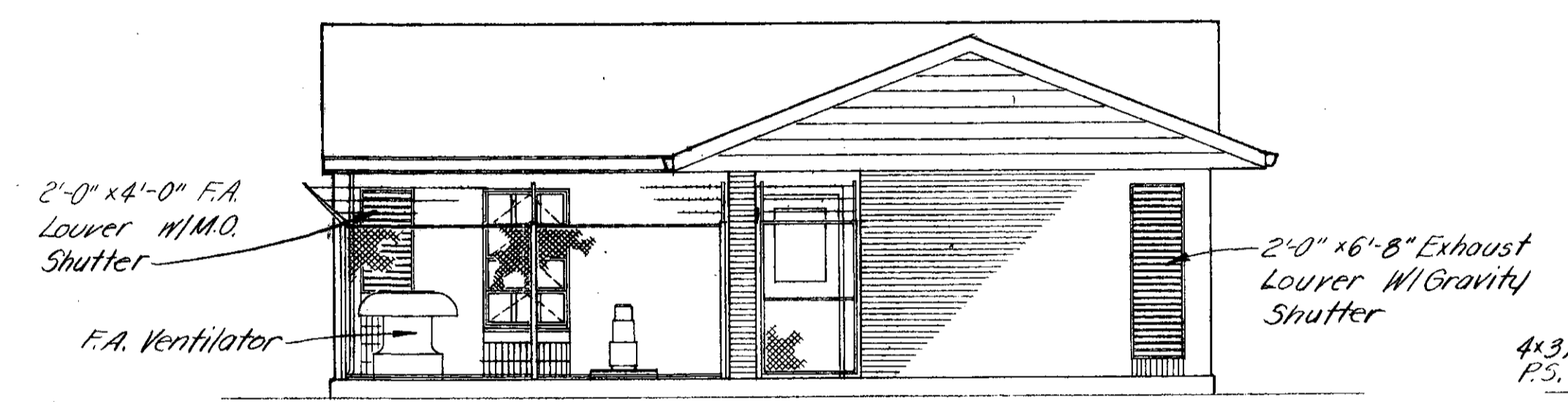
EAST & WEST WALL SECTION



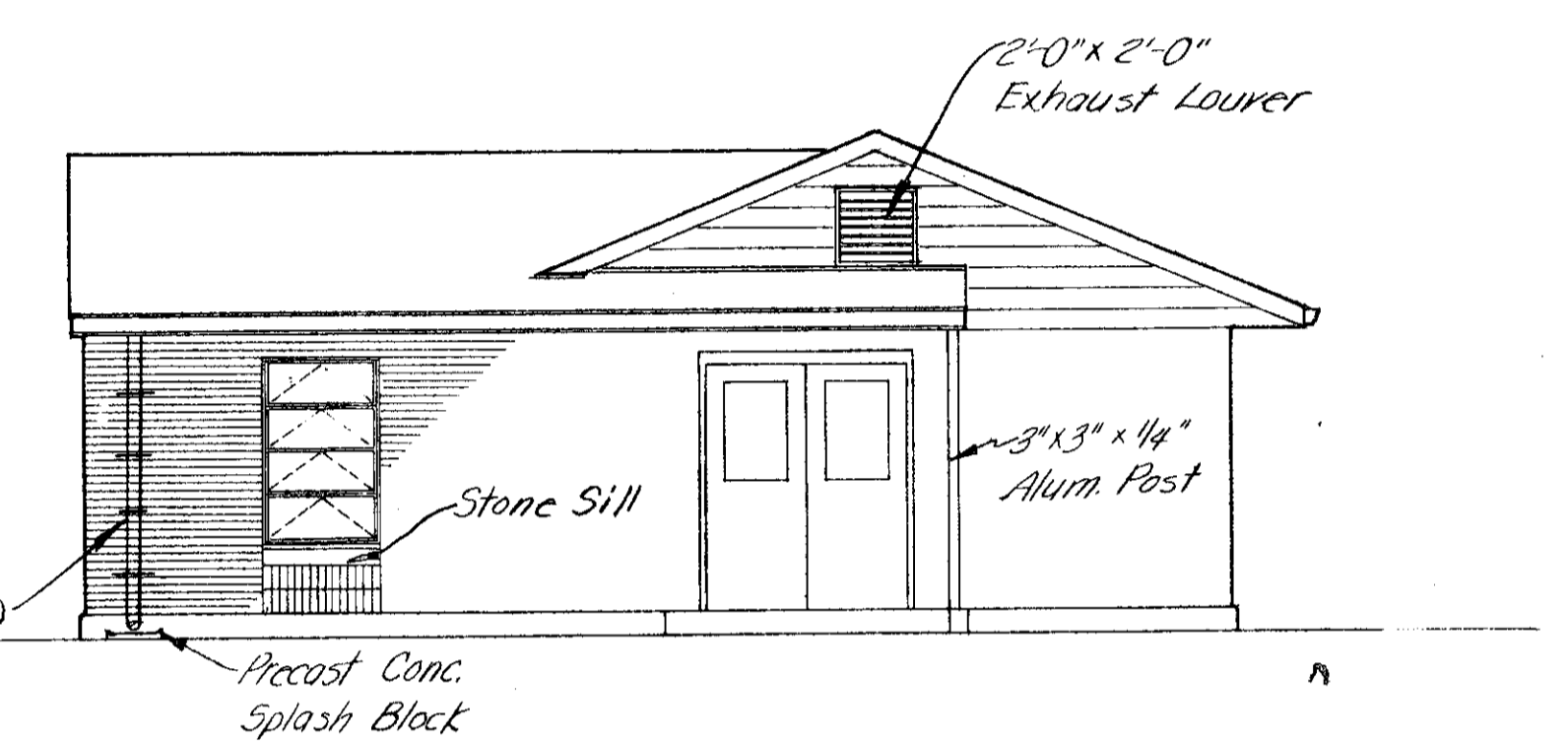
NORTH



WEST

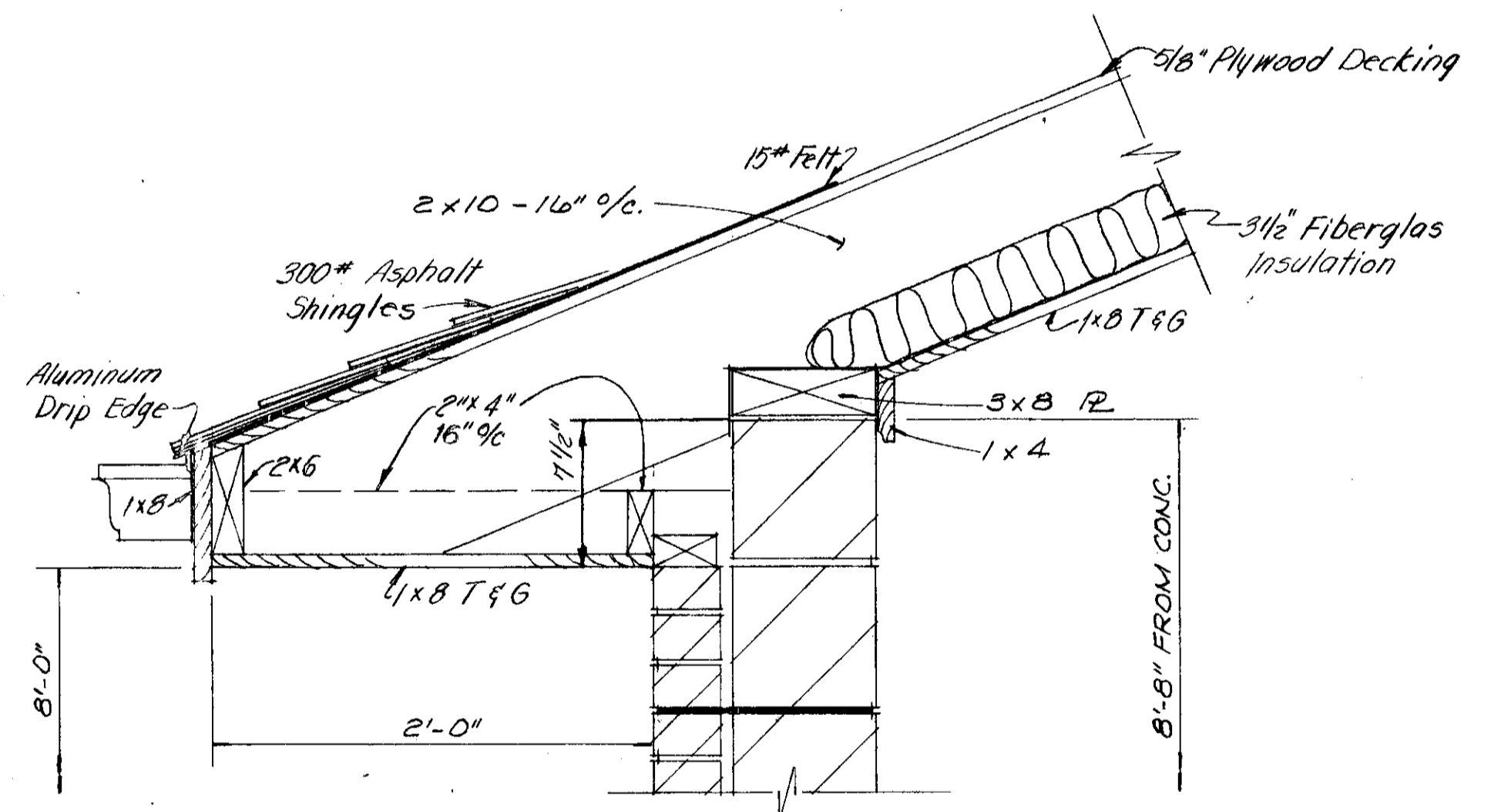


SOUTH

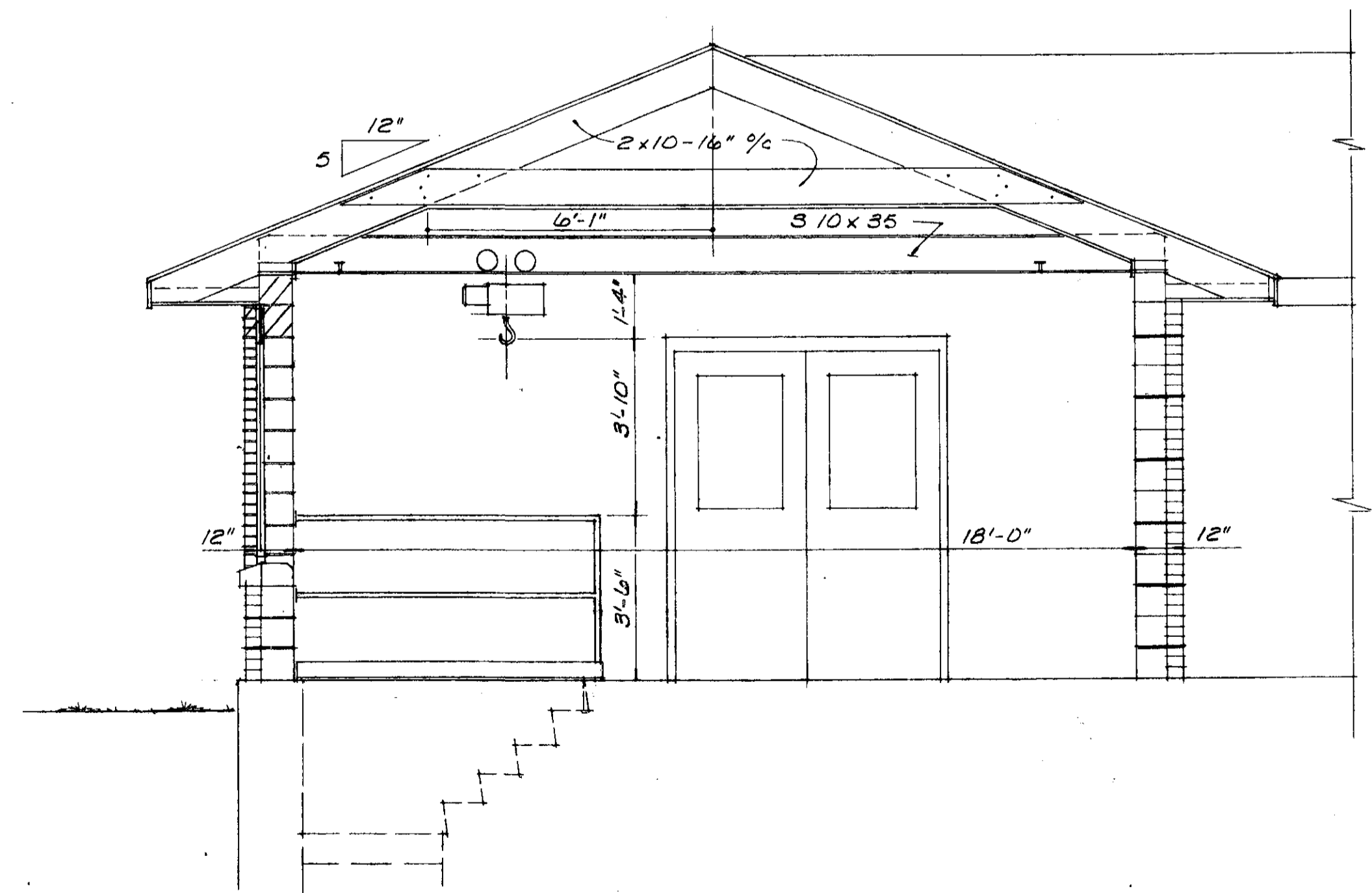


EAST

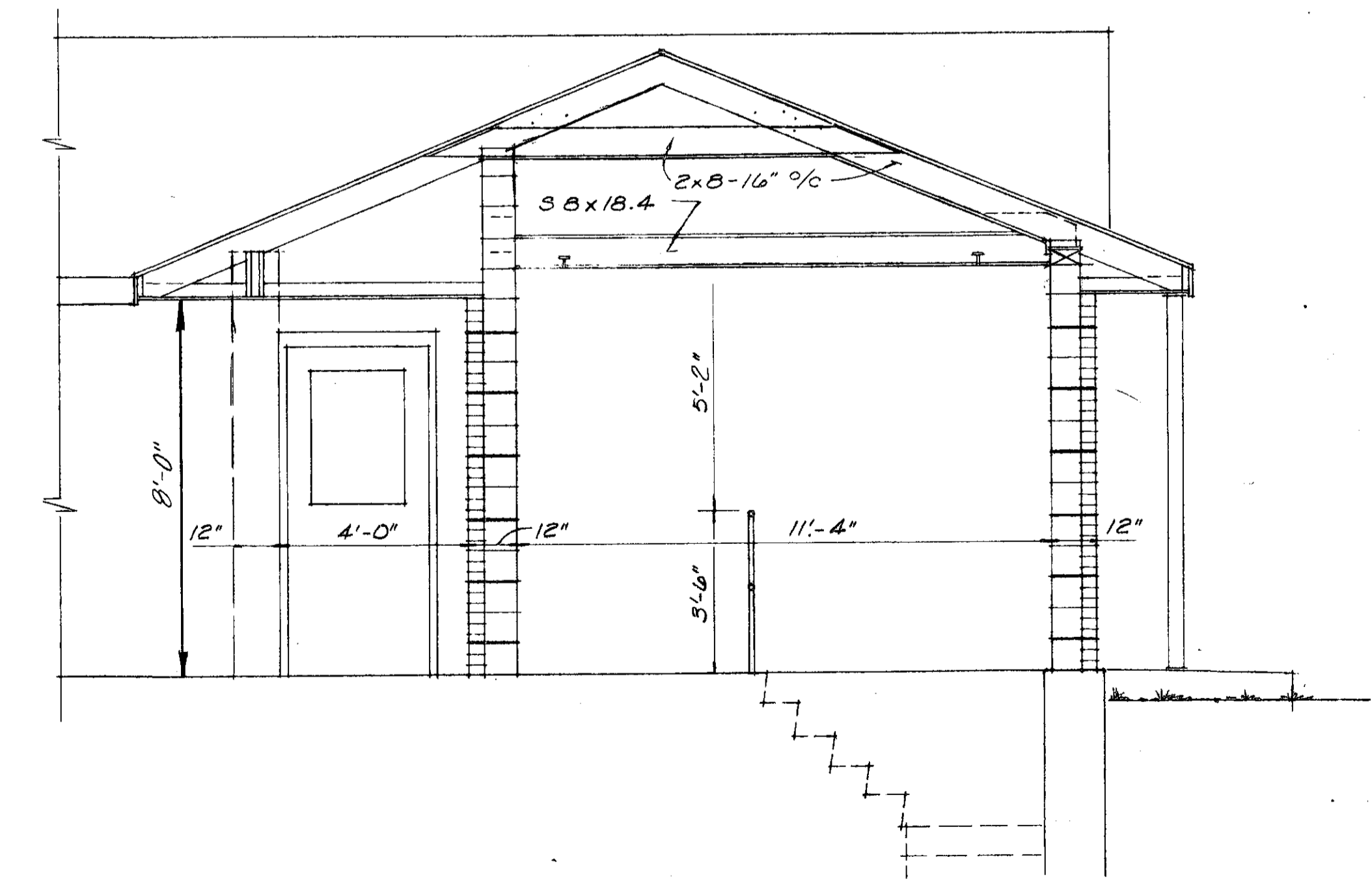
ELEVATIONS
SCALE: 3/16" = 1'-0"



EAVE SECTION



MAIN



WING

TYPICAL SECTIONS
SCALE: 3/16" = 1'-0"

REVISED 4-80 AS CONSTRUCTED
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DELAWARE COUNTY, OHIO
ALUM CREEK PUMPING STATION

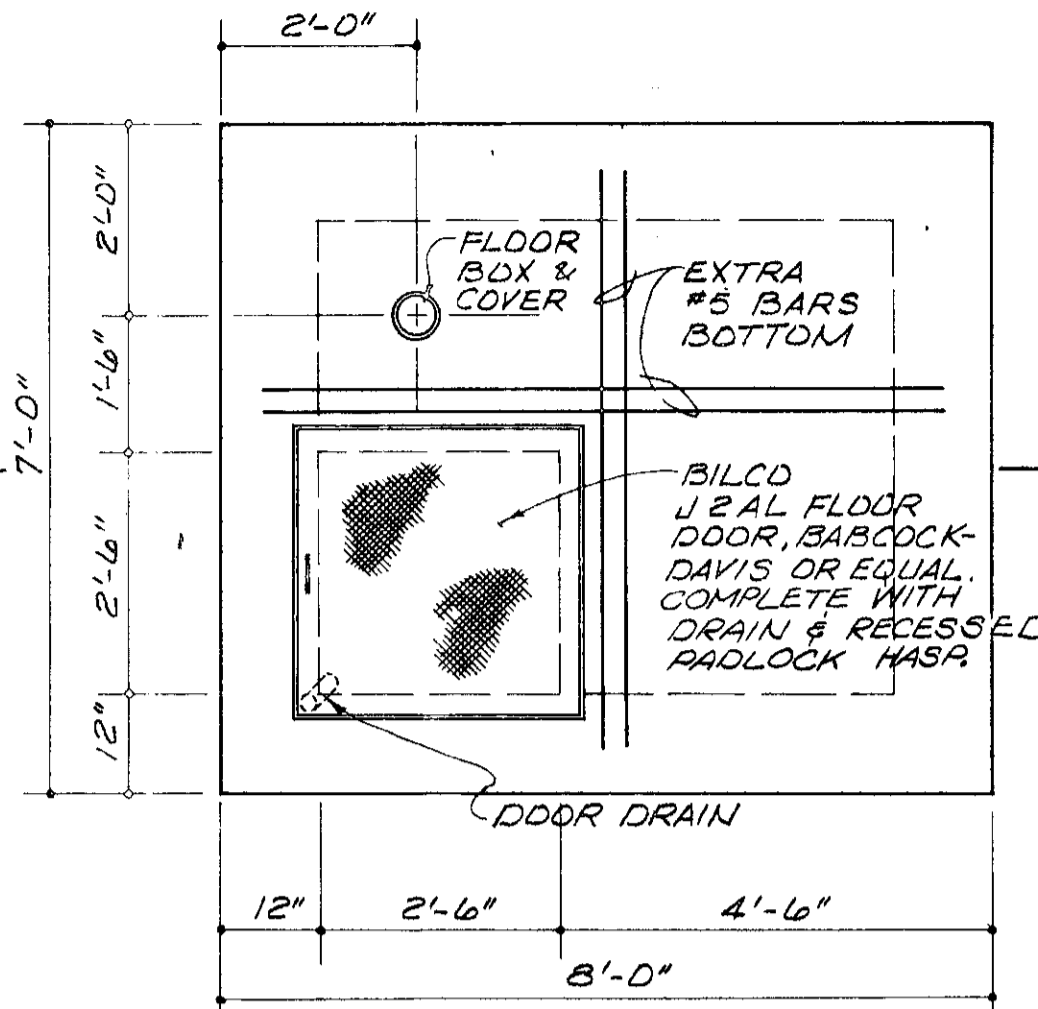
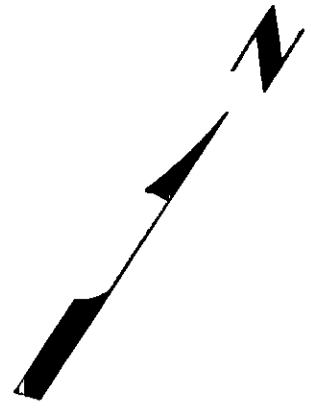
DESIGNED BY WJN
DRAWN BY DEH
CHECKED BY
APPROVED BY

REVISIONS

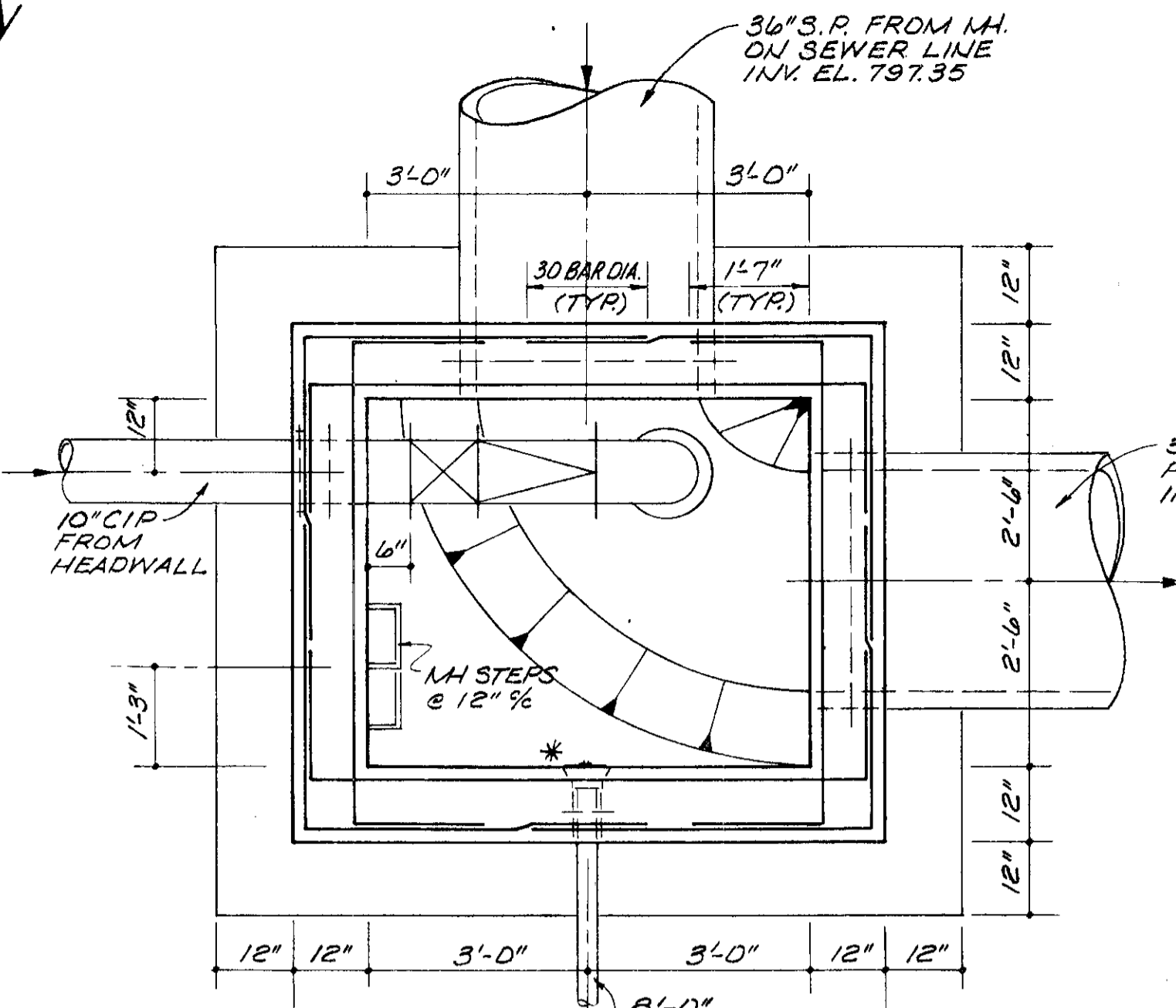
SCALE AS NOTED
JOB NO. 4230
DATE APRIL, 1975

ELEVATIONS & ARCHITECTURAL DETAILS

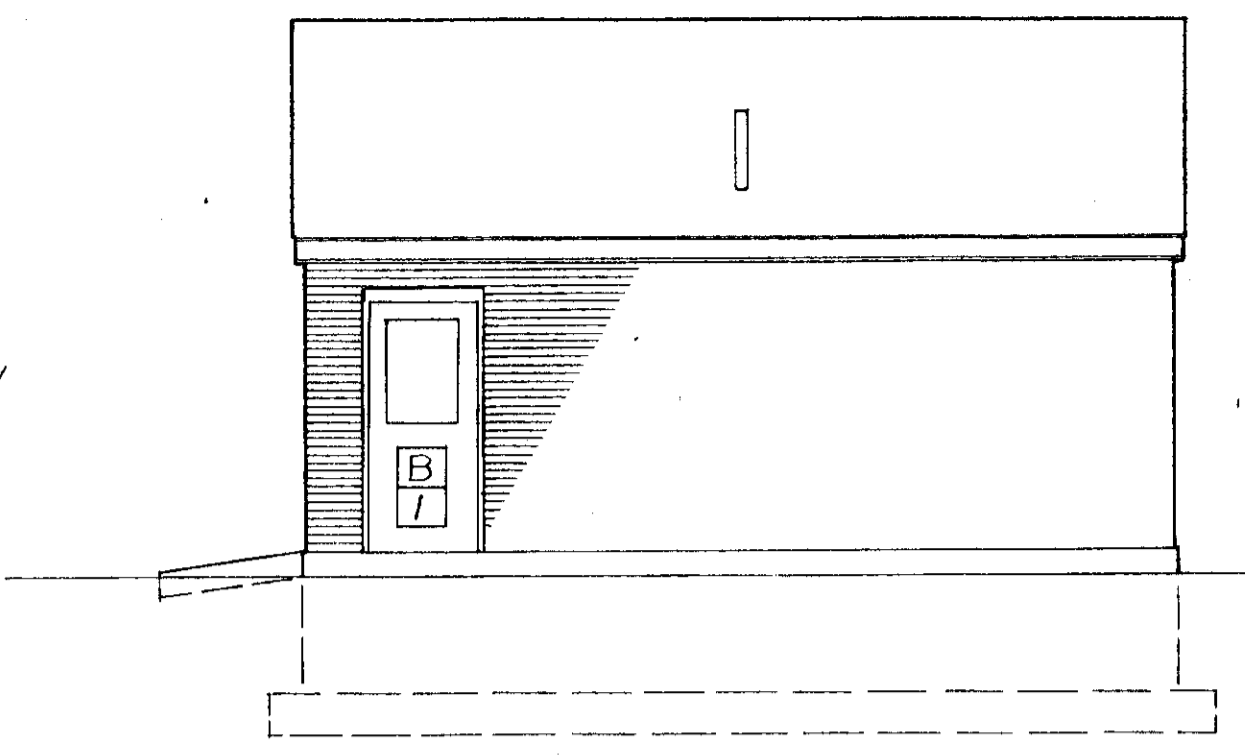
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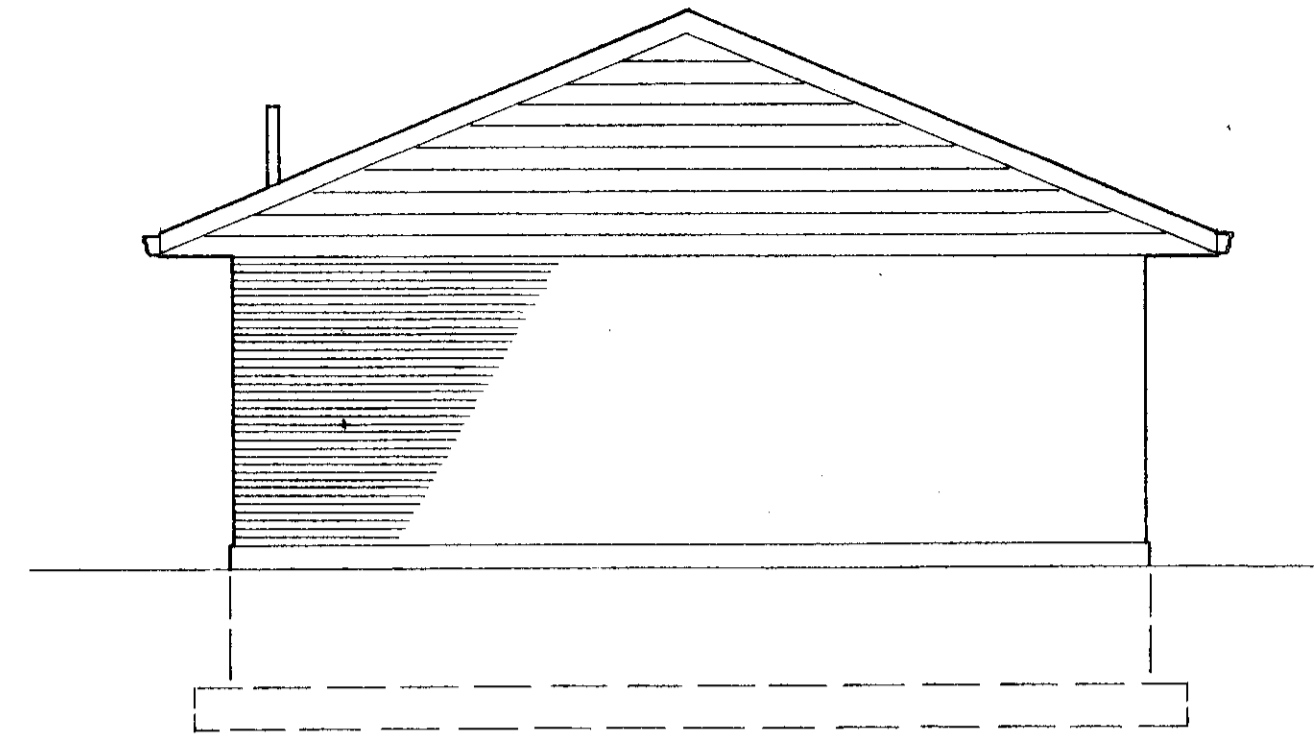
UPPER PLAN



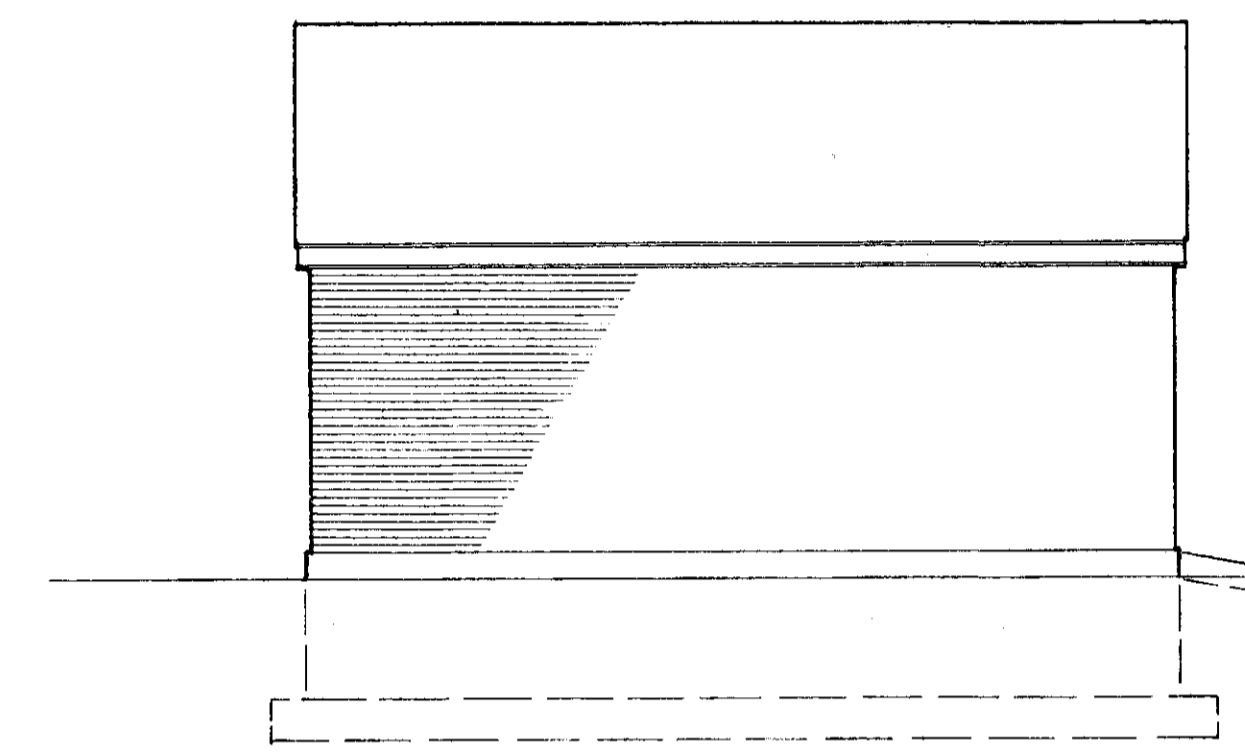
LOWER PLAN
(SHOWING HORIZONTAL WALL REINFORCEMENT)



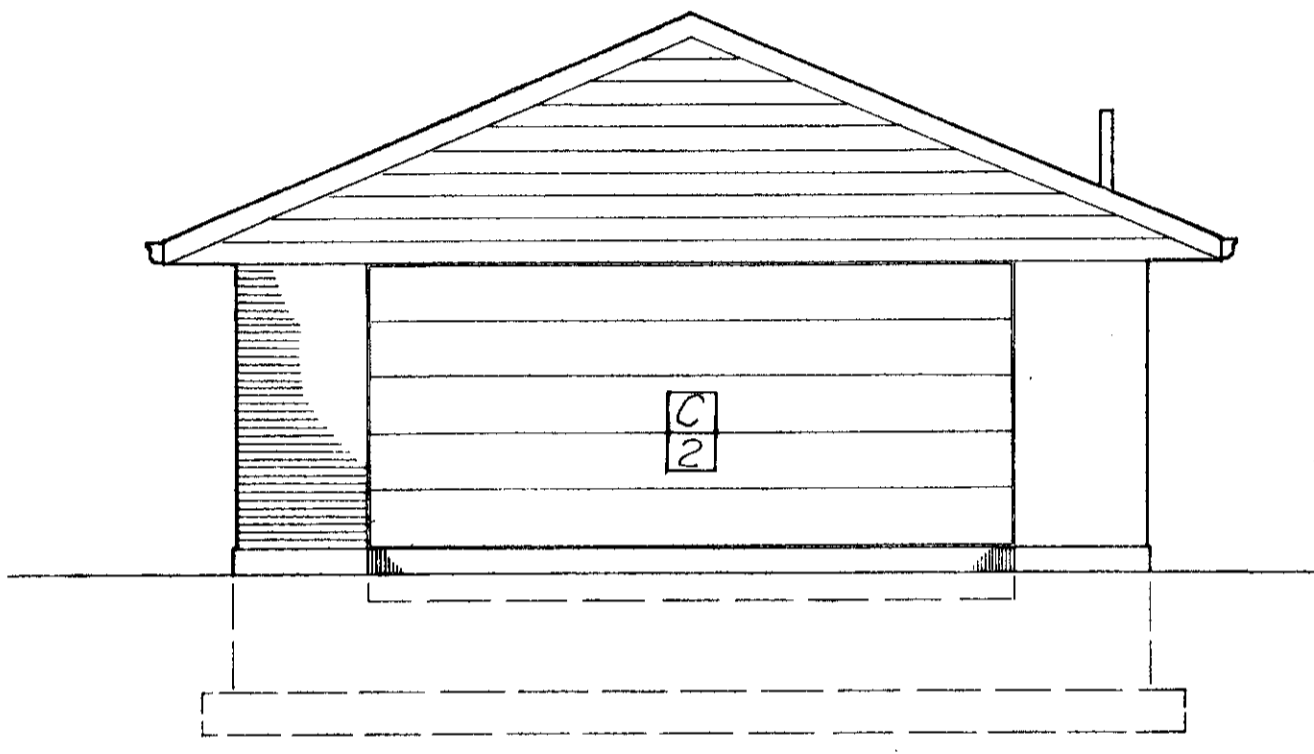
NORTH



WEST

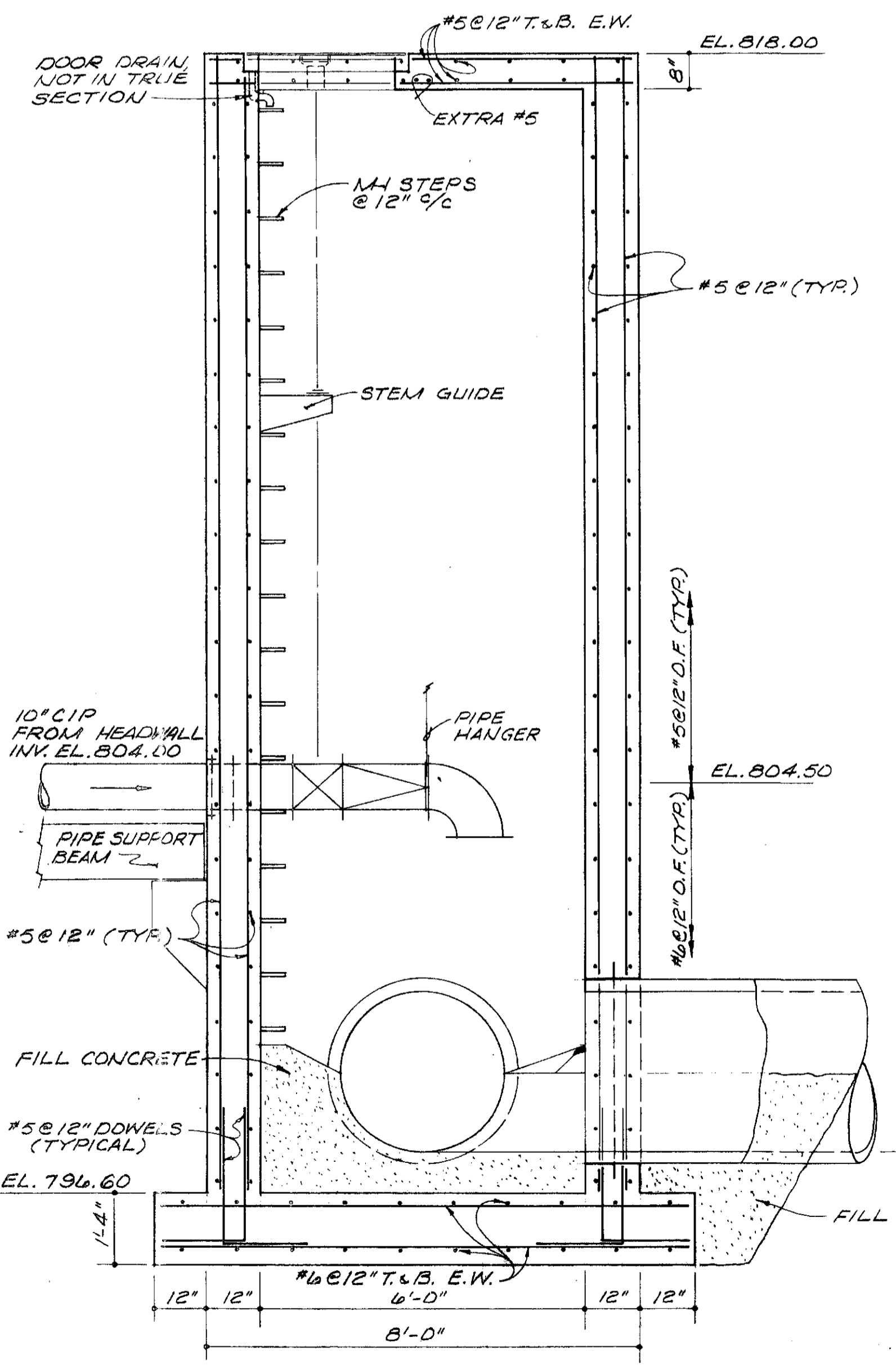


SOUTH



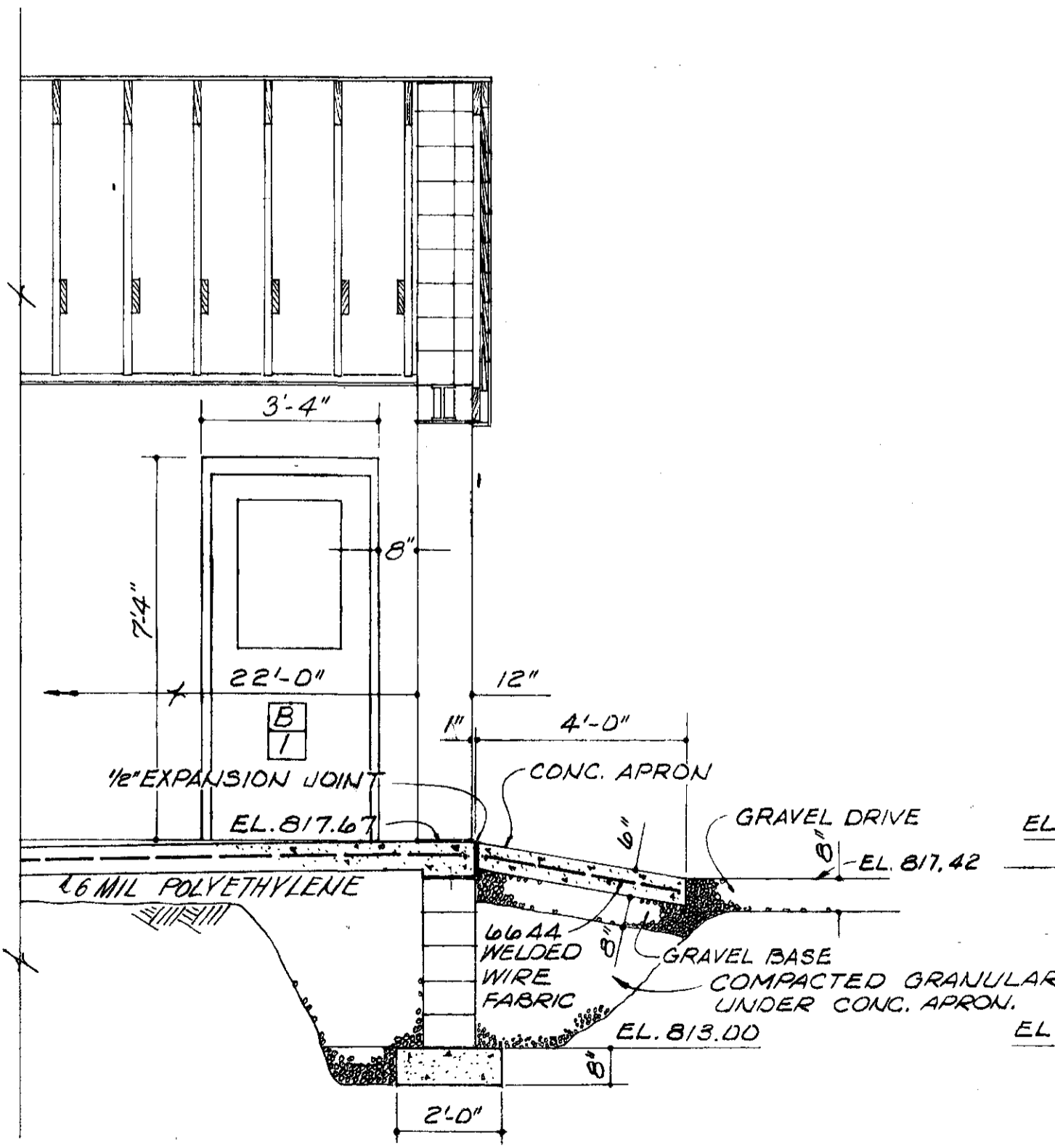
EAST

ELEVATIONS
SCALE: 3/16" = 1'-0"

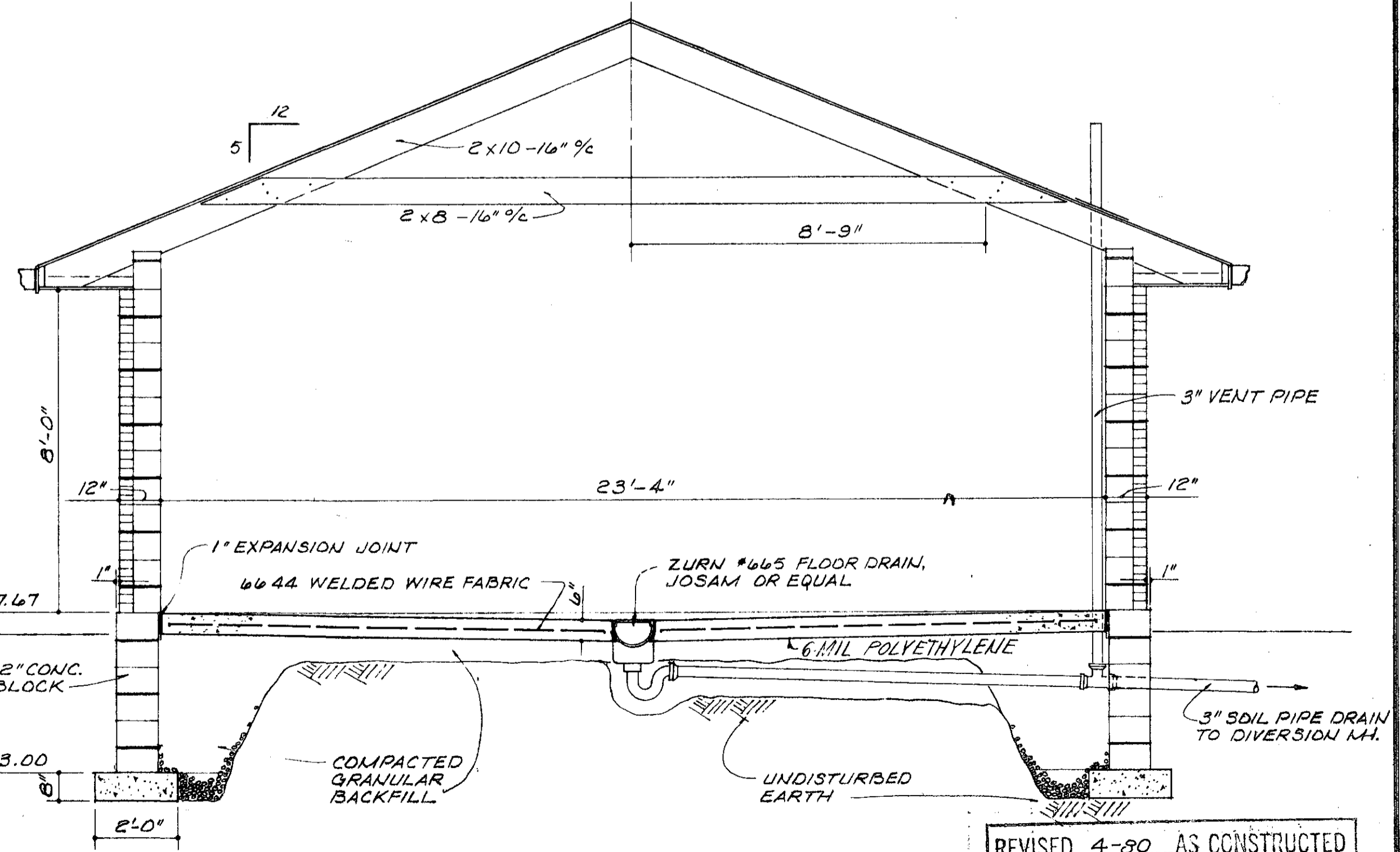


SECTION A-A

DIVERSION MANHOLE
SCALE: 1/8" = 1'-0"



PARTIAL SECTION - N. to S.
SCALE: 3/16" = 1'-0"



GARAGE

SECTION - E. to W.
SCALE: 3/16" = 1'-0"

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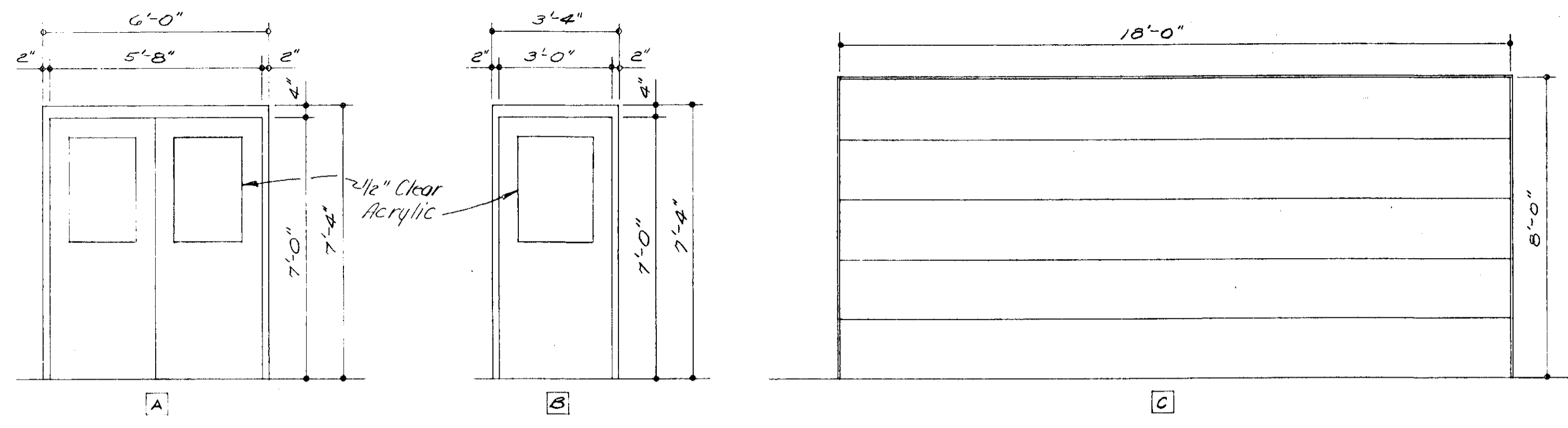
DELAWARE COUNTY, OHIO
ALUM CREEK PUMPING STATION

DESIGNED BY WBH/LO REVISIONS
DRAWN BY DEH
CHECKED BY WBE
APPROVED BY

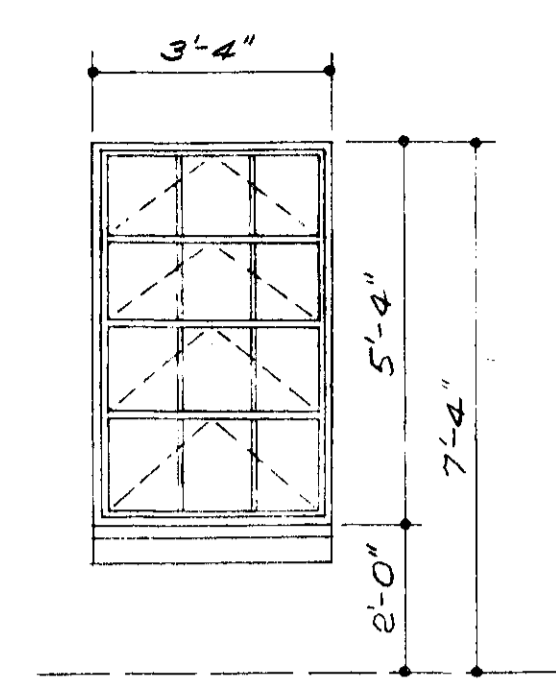
SCALE AS NOTED
JOB NO. 4290
DATE APRIL, 1975

GARAGE & DIVERSION MANHOLE

SHEET NO. 14



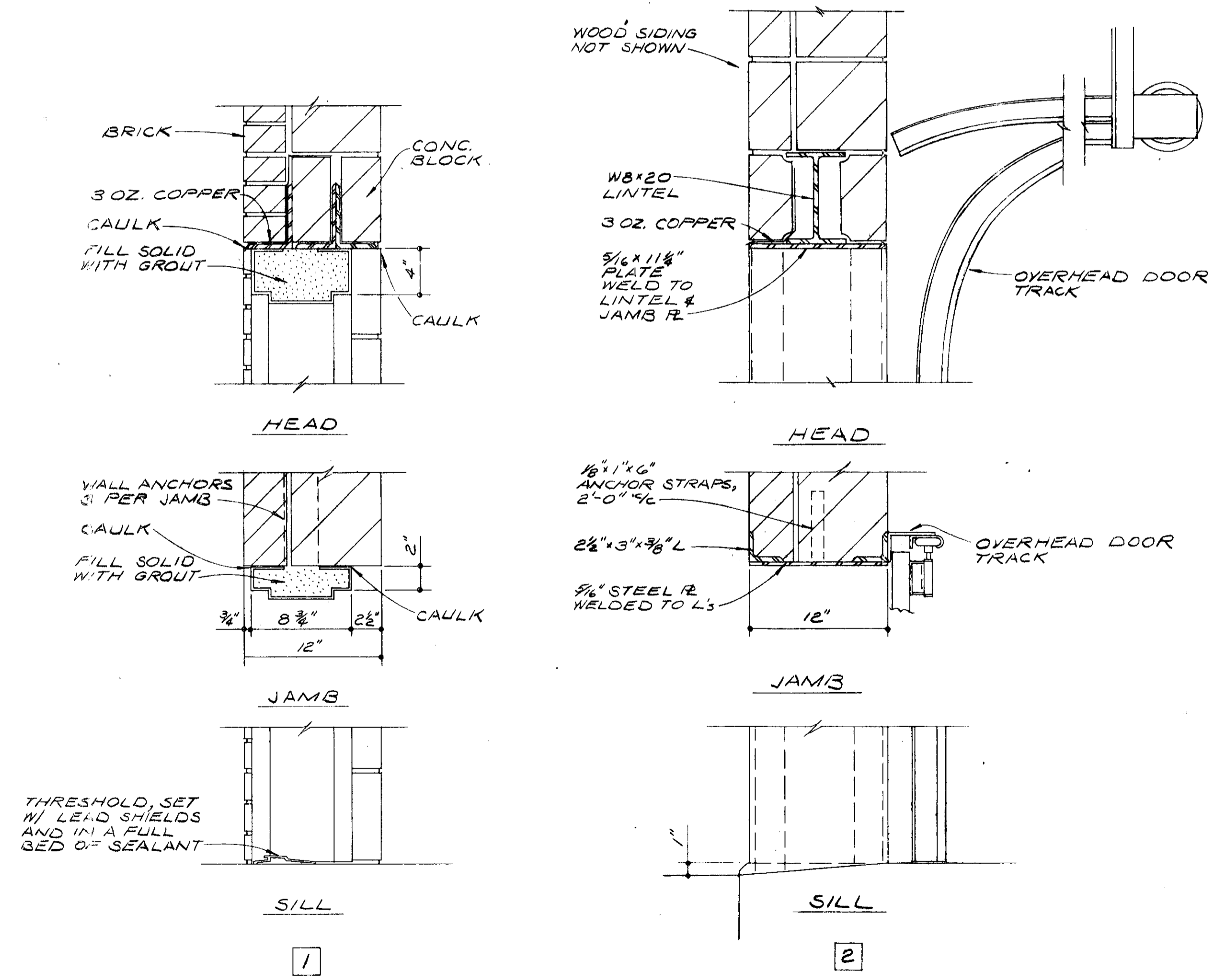
DOOR ELEVATIONS



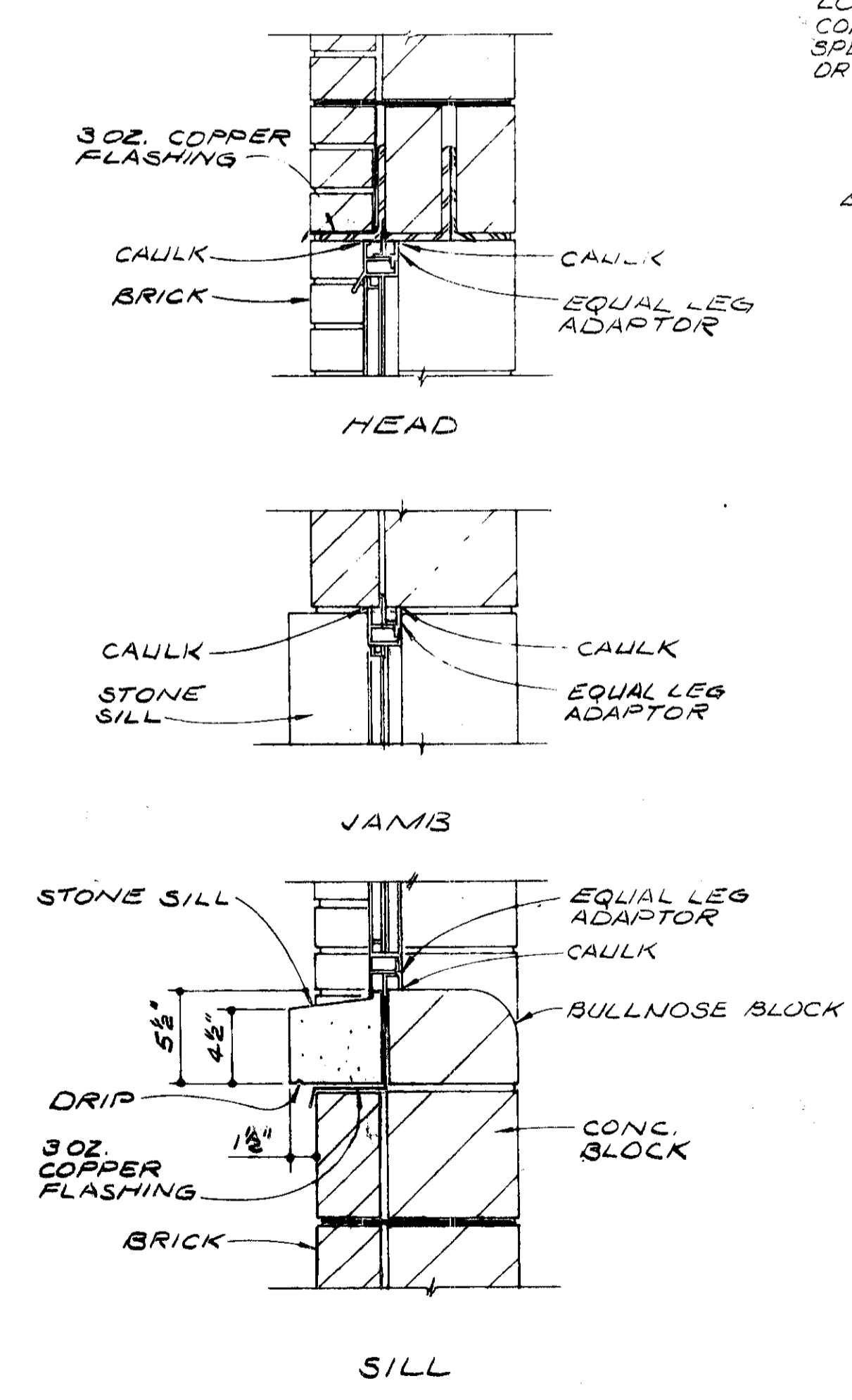
WINDOW ELEVATION

NOTE:
FOR LINTELS WHICH ARE NOT INDICATED ELSEWHERE PROVIDE THE FOLLOWING FOR EACH 4" THICKNESS OF MASONRY. FABRICATE IN LENGTHS WHICH WILL PROVIDE 8" MINIMUM BEARING AT EACH END.

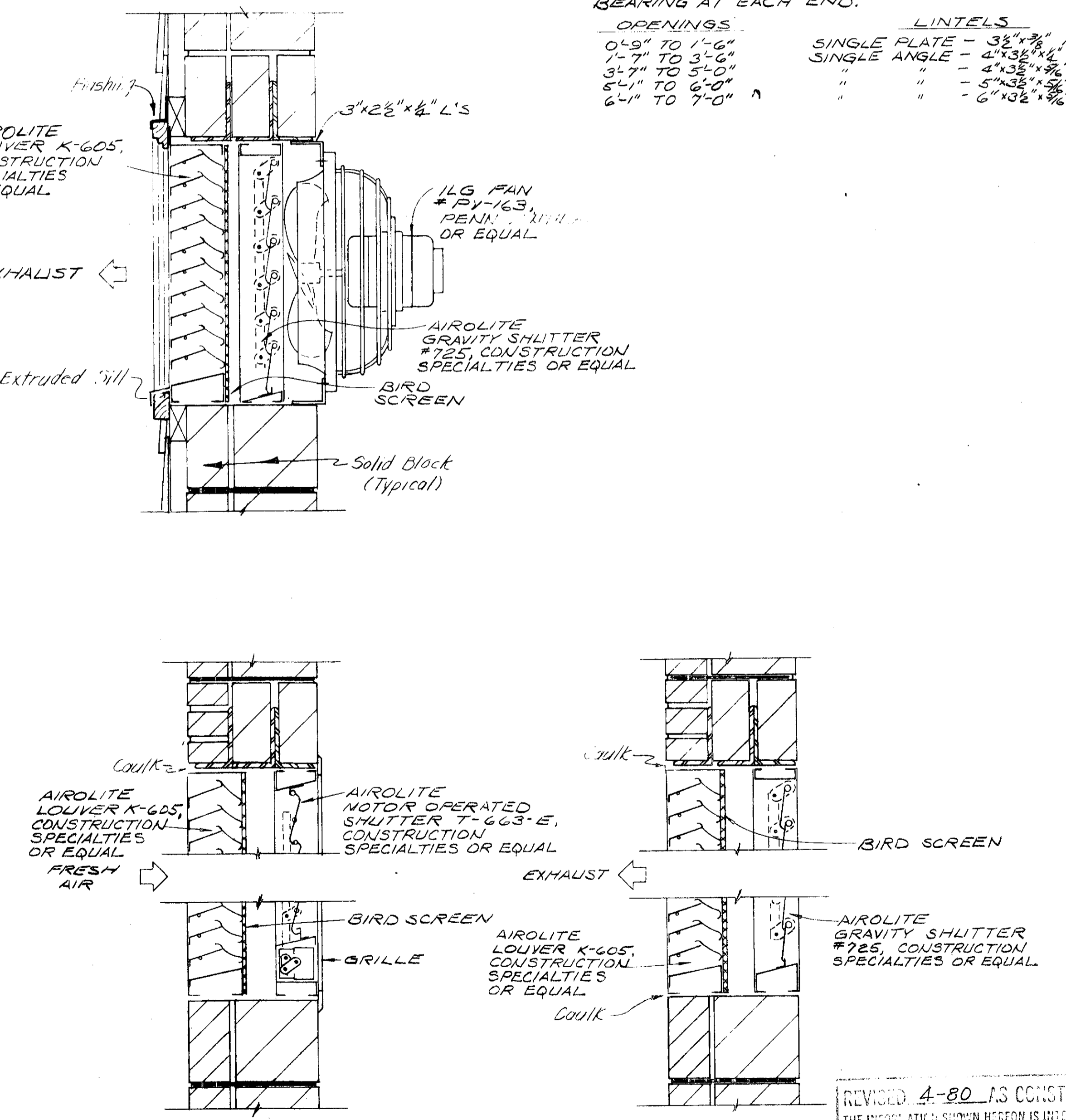
| OPENINGS | LINTELS |
|----------------|---------------------------------------|
| 0'-9" TO 1'-6" | SINGLE PLATE - 3/8" x 3/4" FLAT |
| 1'-7" TO 3'-6" | SINGLE ANGLE - 4" x 3 1/2" x 1/2" LLL |
| 3'-7" TO 5'-0" | " " - 4" x 3 1/2" x 3/4" LLLV |
| 5'-1" TO 6'-0" | " " - 5" x 3 1/2" x 3/4" LLLV |
| 6'-1" TO 7'-0" | " " - 6" x 3 1/2" x 3/4" LLLV |



DOOR DETAILS



WINDOW DETAILS



LOUVER DETAILS

REVISED 4-80 AS CONSTRUCTED
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COLUMBUS, OHIO

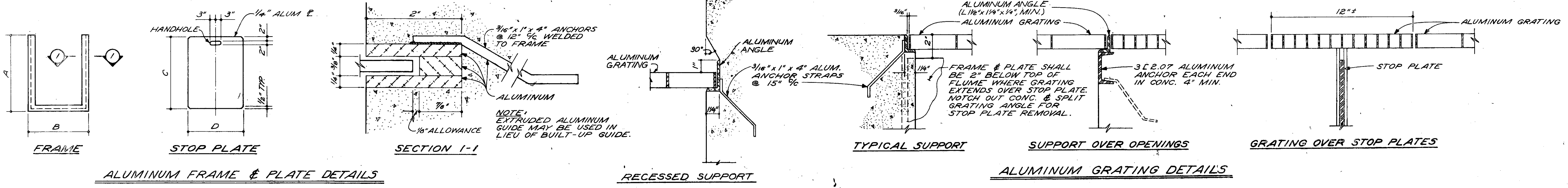
DELAWARE COUNTY, OHIO
ALUM CREEK PUMPING STATION

DESIGNED BY WJN/DEH
DRAWN BY RRF/HTK
CHECKED BY
APPROVED BY

SCALE AS NOTED
JOB NO. 4230
DATE APRIL, 1975

DOOR, WINDOW, & LOUVER
DETAILS

SHEET NO. 15



ALUMINUM FRAME & PLATE DETAILS

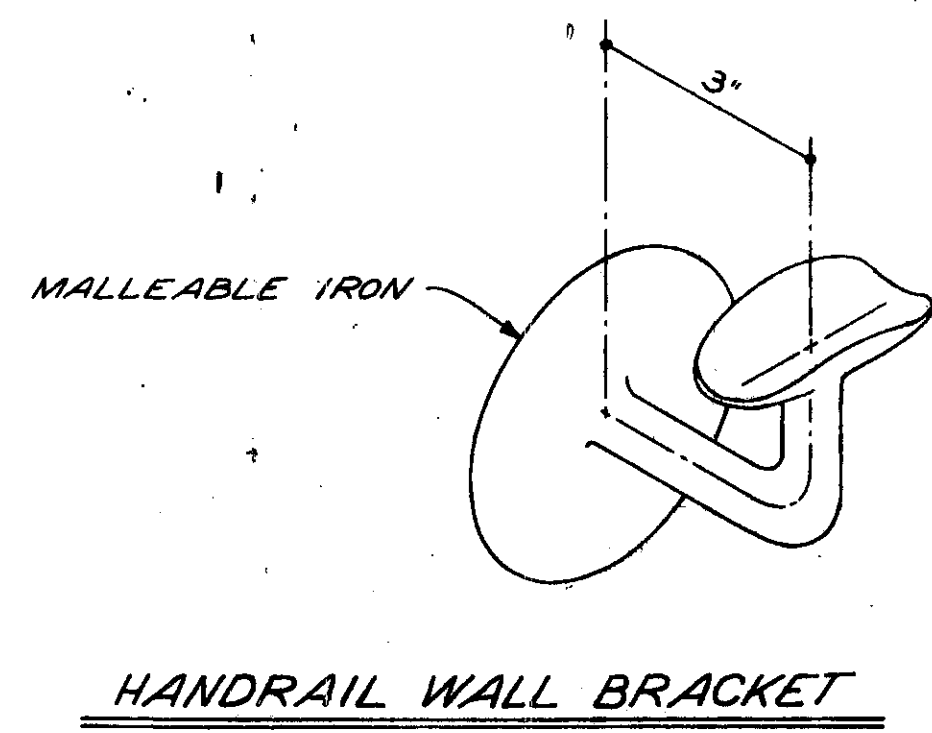
RECESSED SUPPORT

ALUMINUM GRATING DETAILS

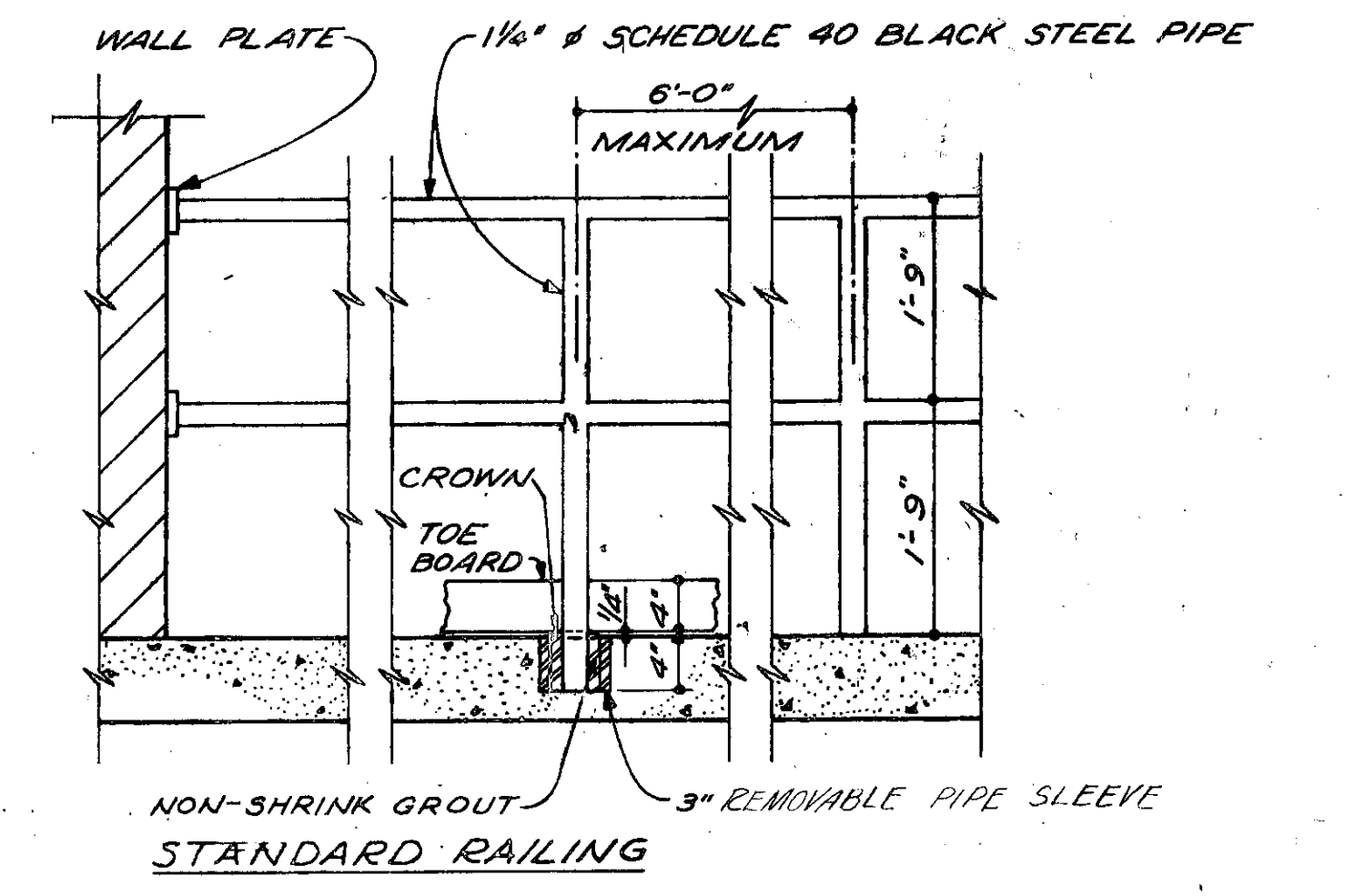
STOP PLATE SCHEDULE

| MK. | FRAME | | | STOP P. | | | WEIR P. | | | LOCATION |
|-----|-------|------|-----|---------|------|-----|---------|---|-----|---------------------------|
| | A | B | NO. | C | D | NO. | C | D | NO. | |
| A | 435 | 2.83 | 2 | 4.27 | 2.67 | 2 | - | - | - | BAR SCREEN ISOLATION |
| B | 435 | 2.25 | 2 | 4.27 | 2.09 | 2 | - | - | - | WET WELL INFLUENT CHANNEL |
| C | 435 | 2.21 | 4 | 4.27 | 2.05 | 4 | - | - | - | COMMINUTOR ISOLATION |
| | | | | | | | | | | |
| | | | | | | | | | | |

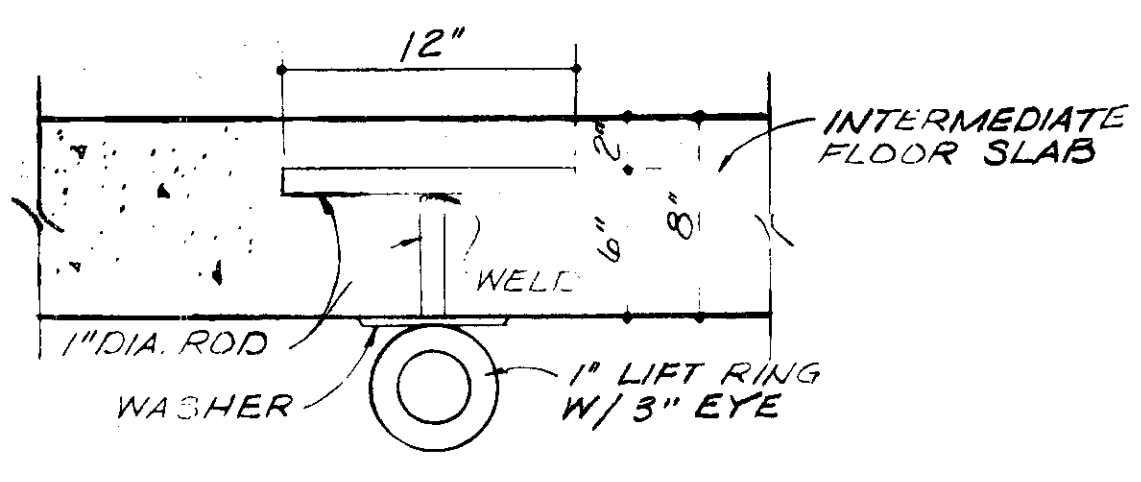
OMIT HANDHOLE IN WEIR P.
 * See Sheet 10 for special step plate frame length.



HANDRAIL WALL BRACKET

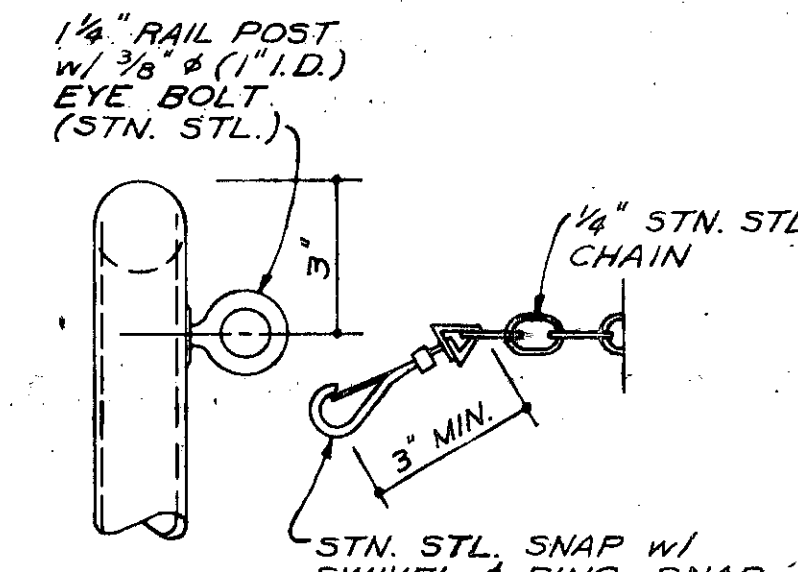


TYPICAL RAILING DETAIL

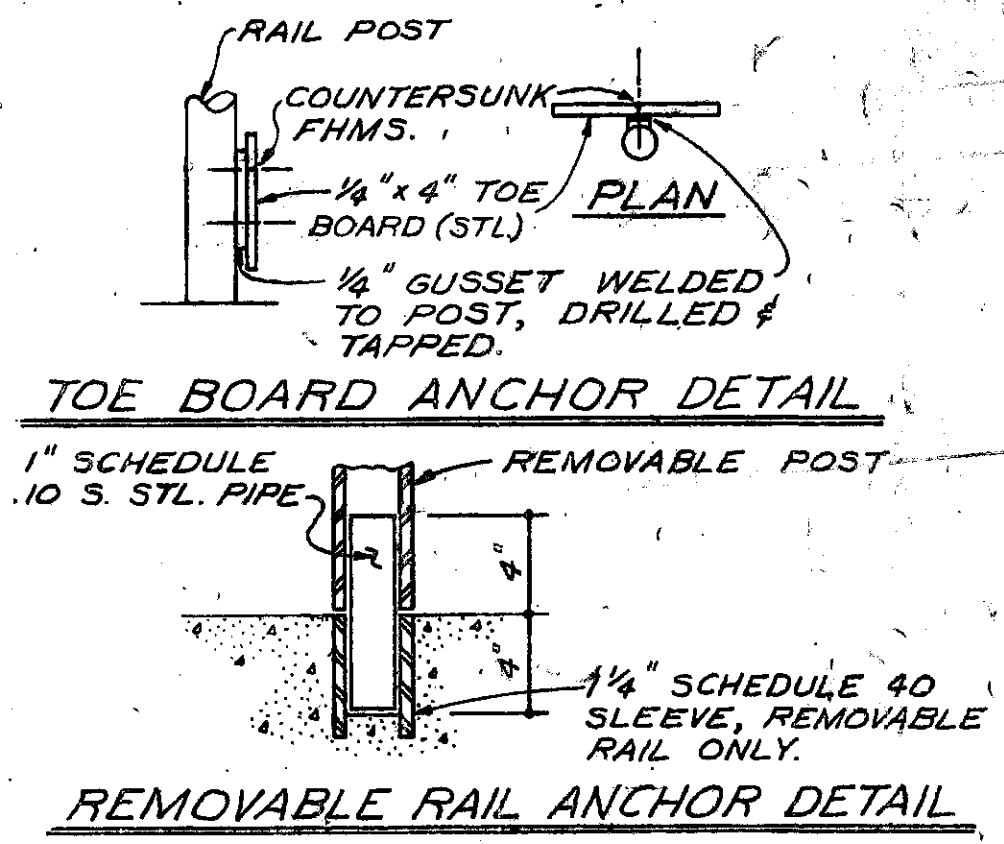


NOTE: LOCATE LIFTING RING OVER THE CENTER OF FOUR (4) PUMP LOCATIONS.

LIFT RING DETAIL

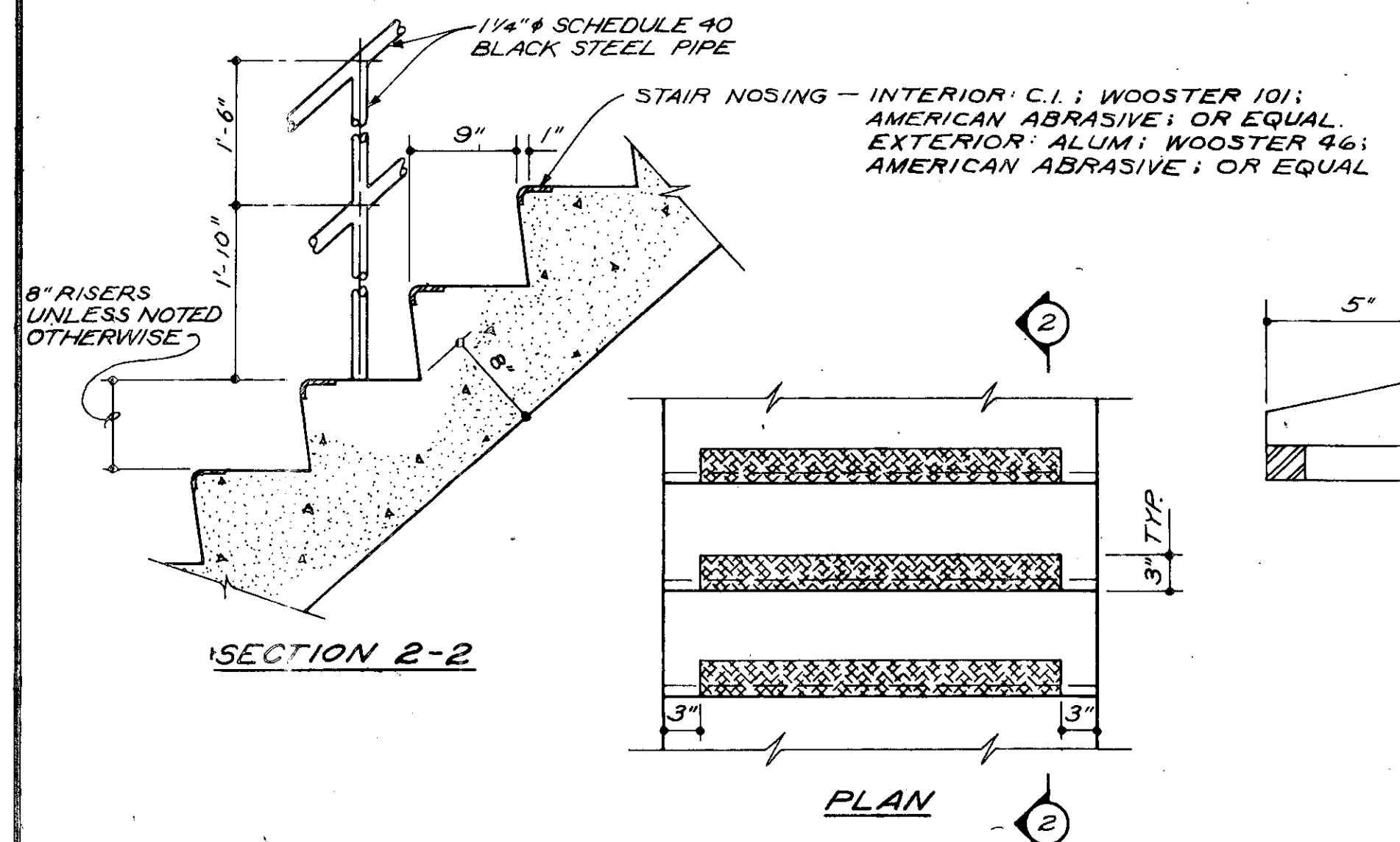


POST & CHAIN DETAIL

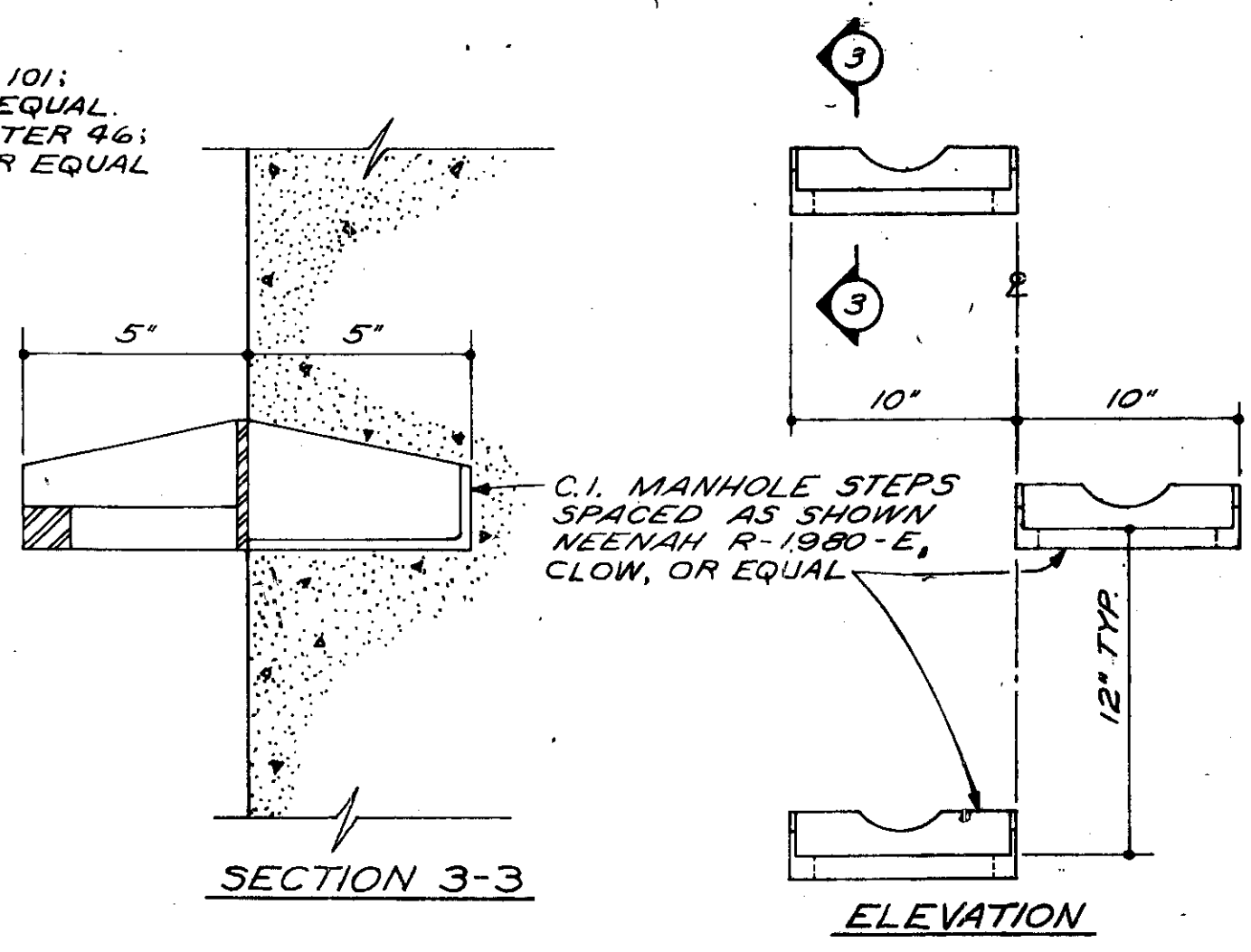


TOE BOARD ANCHOR DETAIL

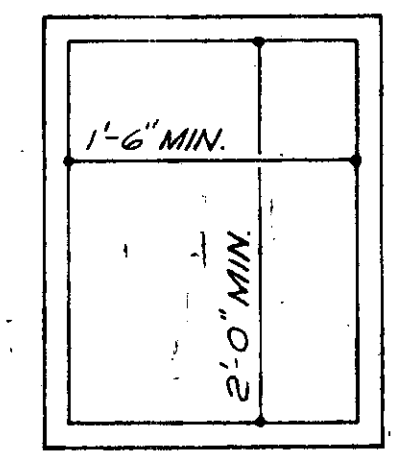
REMOVABLE RAIL ANCHOR DETAIL



TYPICAL STAIR & STAIR RAIL DETAIL



TYPICAL MANHOLE STEPS



ALUMINUM PLAQUE

NOTE: PLAQUE SHALL CONTAIN NAMES OF OFFICIALS, CONTRACTOR, ENGINEERS, & DATE.

FLOOR LOAD PLATE TABLE

| LOCATION | LOAD. | QUAN. |
|-----------------------------|-------|-------|
| MAIN LEVEL - GENERATOR AREA | 700 | 1 |
| MAIN LEVEL - OTHER AREAS | 300 | 2 |
| INTERMEDIATE LEVEL | 300 | 2 |

LIFT LOAD PLATE TABLE

| LOCATION | LOAD. | QUAN. |
|--------------------------|-------|-------|
| MAIN LEVEL | 4000 | 2 |
| LOWER LEVEL (LIFT RINGS) | 2500 | 1 |

MAXIMUM FLOOR LOAD
 LBS./ SQ. FT.

FLOOR LOAD PLATE
 (PLASTIC)

MAXIMUM LIFT LOAD
 4000 LBS.

LIFT LOAD PLATE
 (PLASTIC)

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NOTE: ALL ALUMINUM IN CONTACT WITH CONCRETE OR DISSIMILAR METALS SHALL BE COATED WITH TWO (2) COATS OF BITUMASTIC.

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 COLUMBUS, OHIO

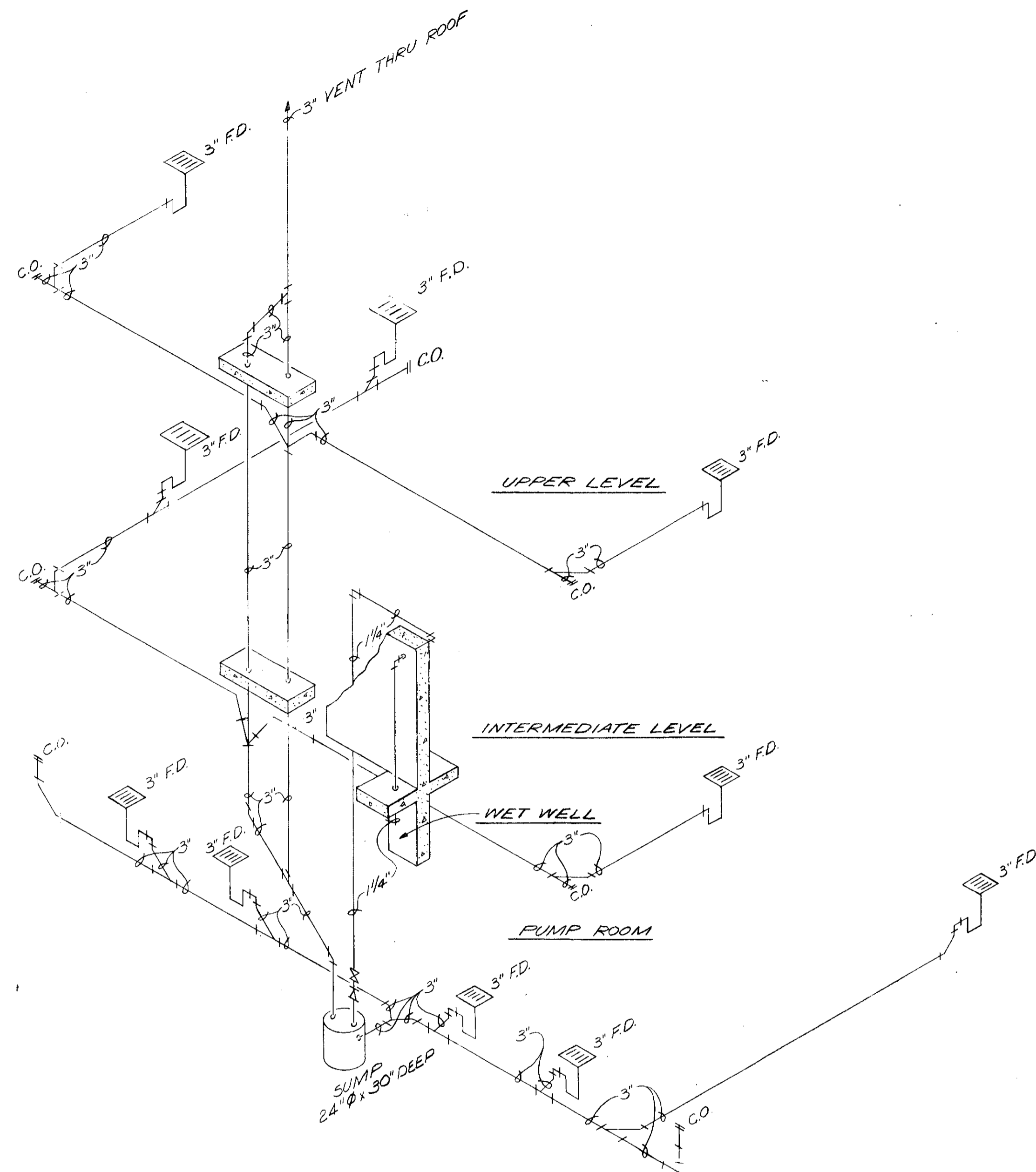
DELAWARE COUNTY, OHIO
 ALUM CREEK PUMPING STATION

DESIGNED BY Standard Detail REVISIONS
 DRAWN BY
 CHECKED BY WBH
 APPROVED BY

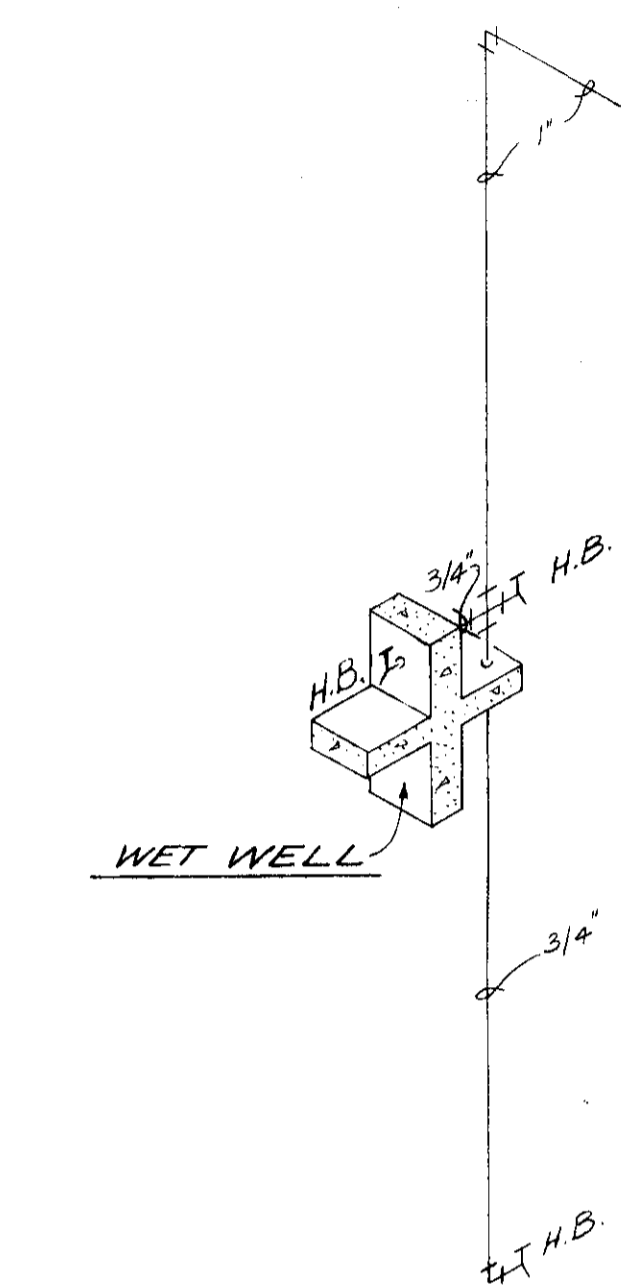
SCALE NONE
 JOB NO. 4230
 DATE APRIL, 1975

MISCELLANEOUS DETAILS

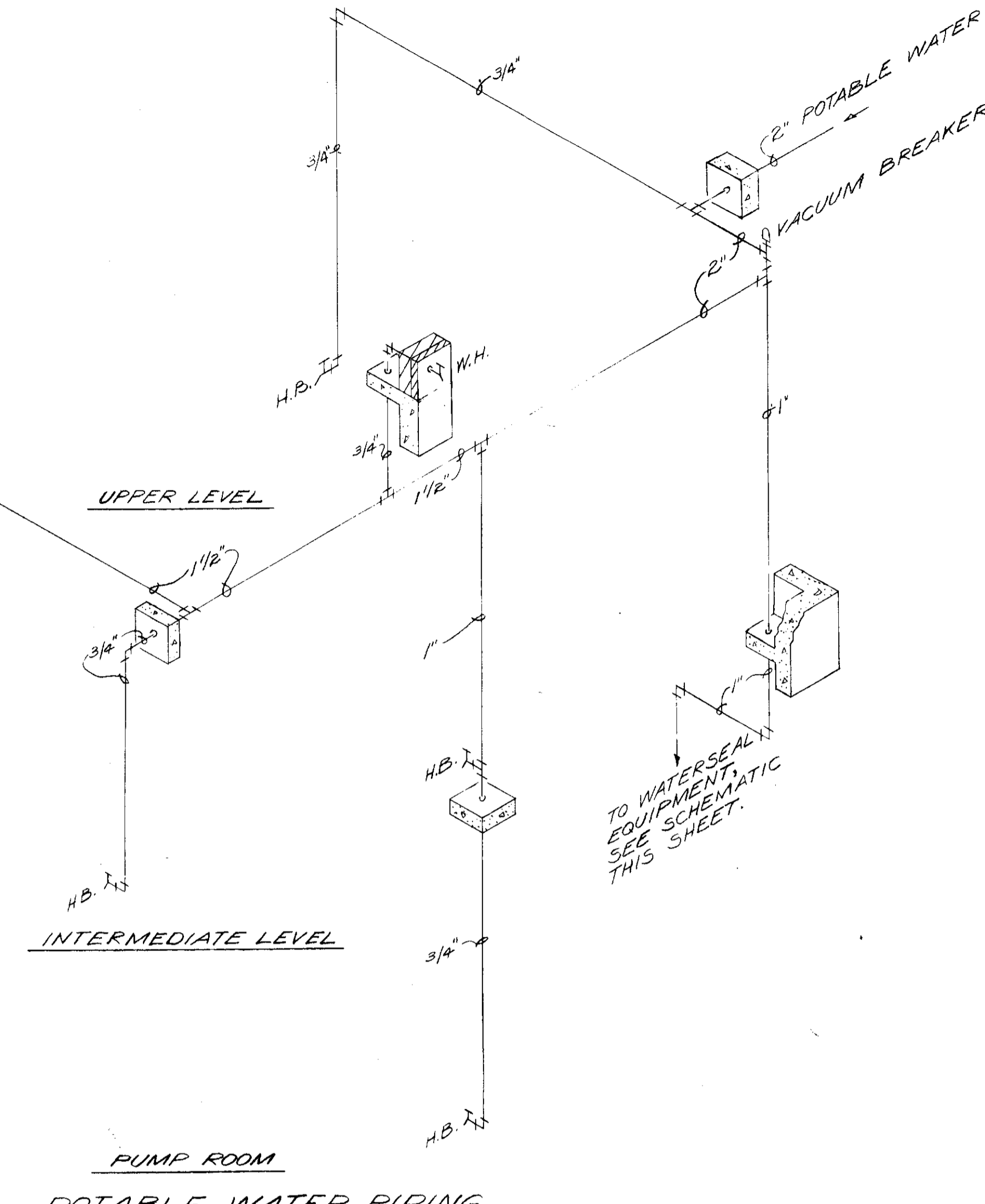
SHEET NO. 16



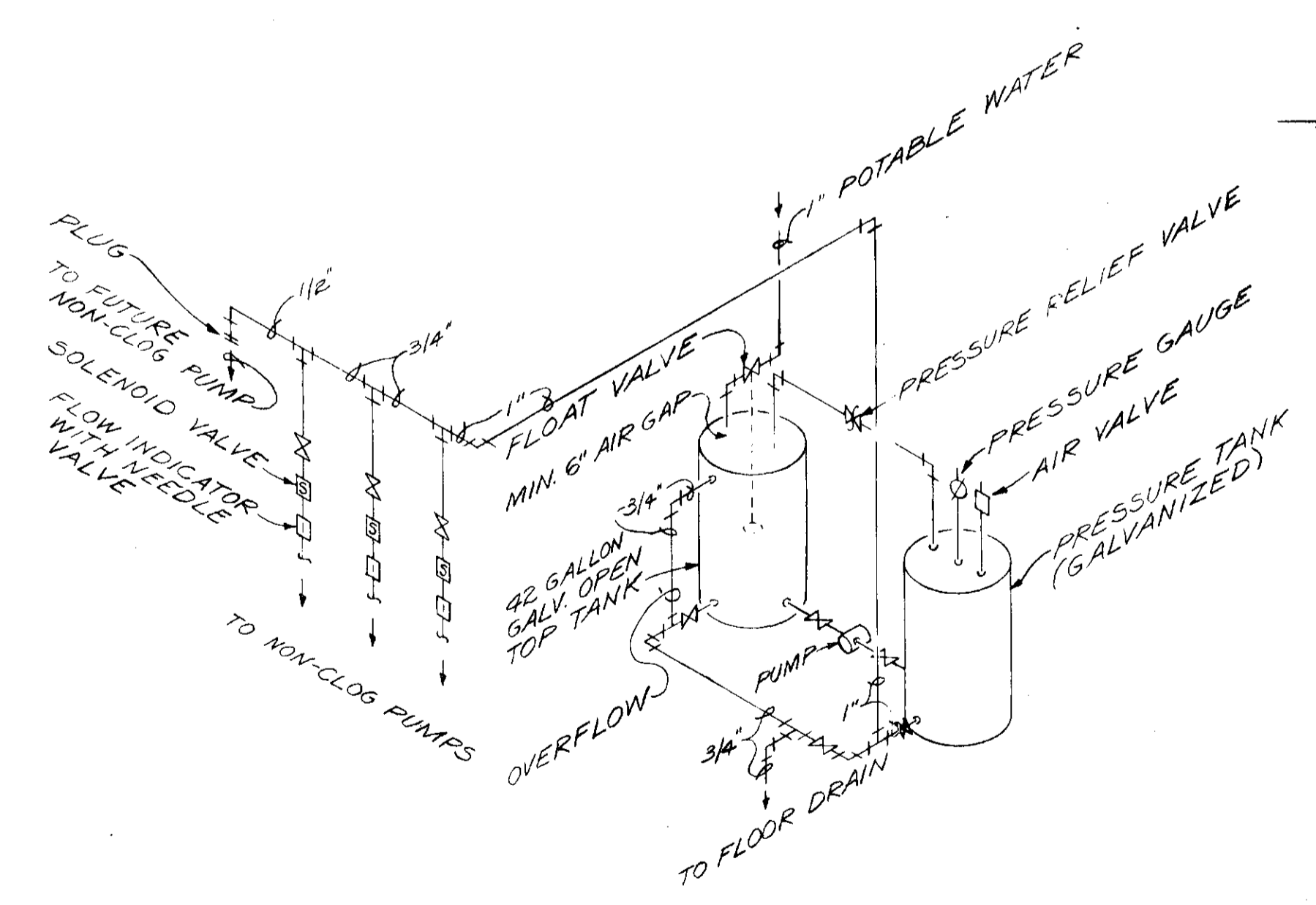
FLUSHING WATER DRAIN PIPING



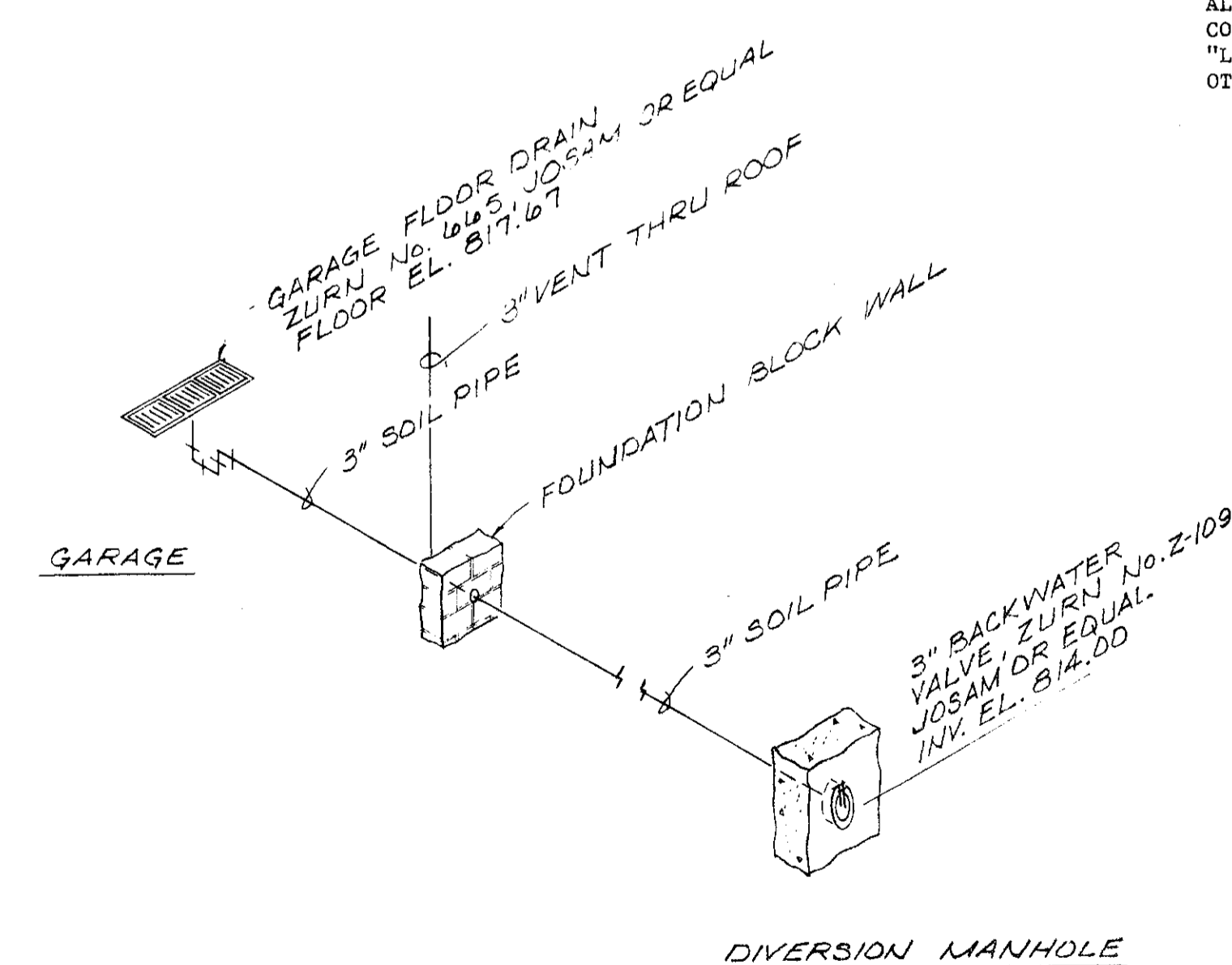
WET WELL



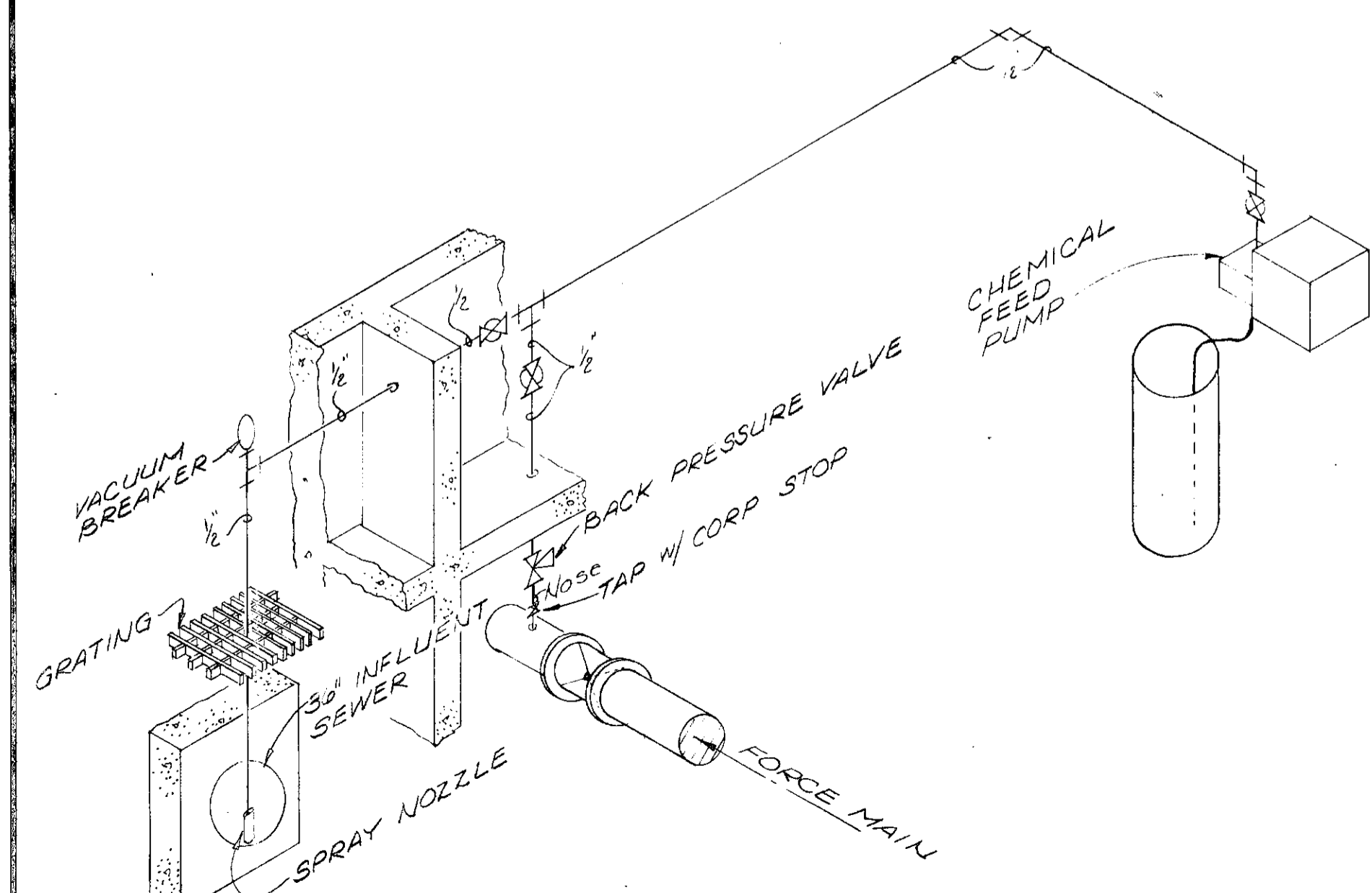
POTABLE WATER PIPING



WATERSEAL EQUIPMENT PIPING



GARAGE DRAIN PIPING



CHEMICAL FEED PIPING

- GENERAL NOTES**
- ALL HOSE BIBS AND WALL HYDRANTS SHALL COME COMPLETE WITH VACUUM BREAKER.
 - PROVIDE VALVES AND UNIONS ADJACENT TO ALL FIXTURES AND EQUIPMENT.
 - PROVIDE DIELECTRIC FITTINGS WHERE PIPE OF DISSIMILAR METALS MEET.
 - ALL PIPE SHALL BE PROPERLY SUPPORTED BY HANGERS AND/OR WALL STRAPS. ISOLATE COPPER PIPE FROM SAME.
 - ALL FLOOR DRAINS SHALL BE ZURN-215, JOSAM, WADE, OR EQUAL, UNLESS NOTED OTHERWISE.
 - ALL CHEMICAL FEED PIPING SHALL BE SCHEDULE 80 PVC, SOLUTION WELDED.
 - ALL SANITARY AND WASTEWATER PIPING 2" AND OVER SHALL BE EXTRA HEAVY SOIL PIPE, UNLESS NOTED OTHERWISE.
 - ALL INTERIOR WATER PIPING 1 1/2" AND UNDER SHALL BE COPPER TYPE "L"; 2" AND OVER SHALL BE COPPER TYPE "L" OR SCHEDULE 40 GALVANIZED YOLOY UNLESS NOTED OTHERWISE.

REVISED 4-80 AS CONSTRUCTED
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 COLUMBUS, OHIO

DELAWARE COUNTY, OHIO
ALUM CREEK PUMPING STATION

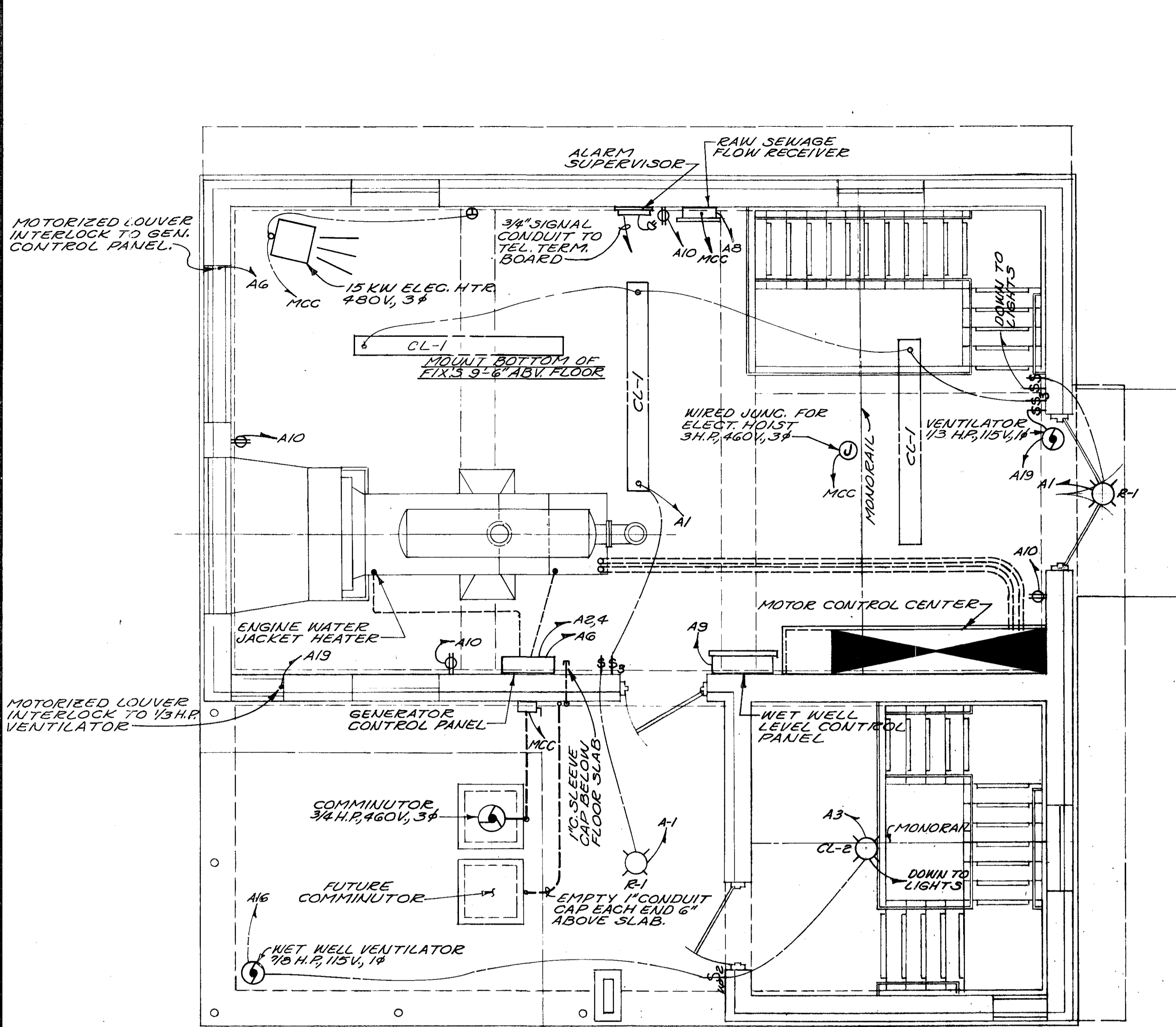
DESIGNED BY *W.B.H.*
 DRAWN BY *G.M.D.*
 CHECKED BY *W.B.H.*
 APPROVED BY

REVISIONS

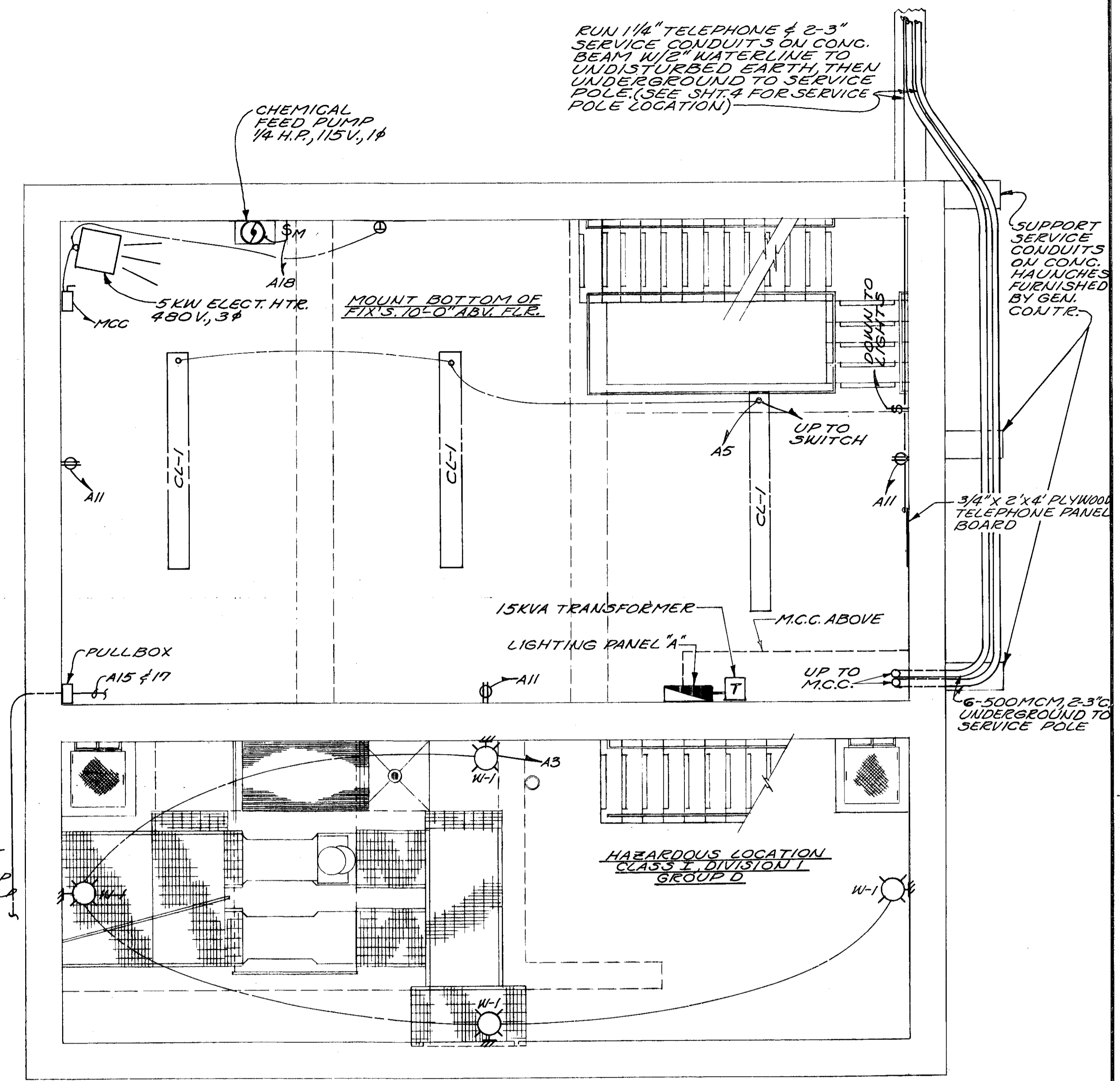
SCALE NONE
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 DATE APRIL, 1973

SCHEMATICS

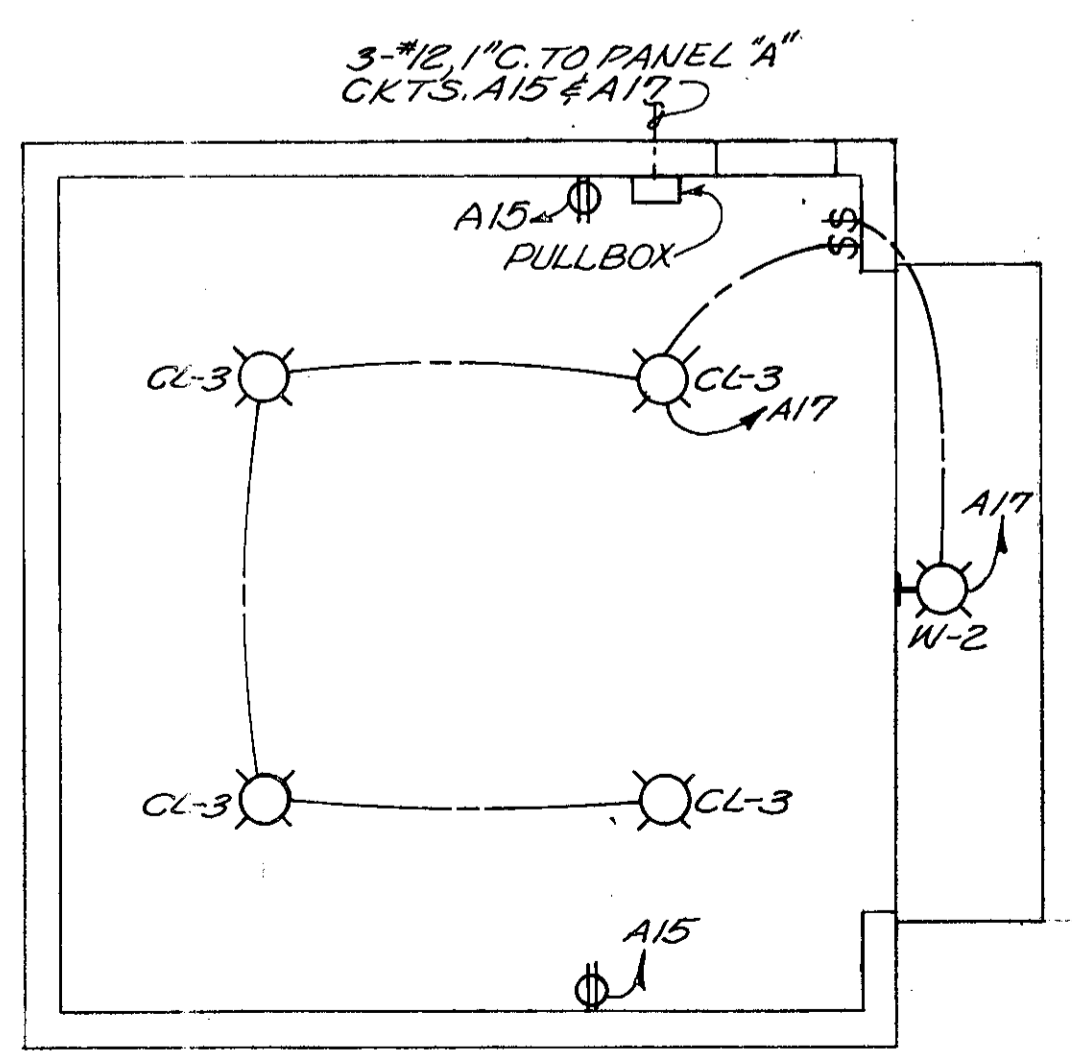
SHEET NO.
 17



UPPER PLAN



INTERMEDIATE PLAN



GARAGE PLAN
SCALE: 3/16" = 1'-0"

LIGHTING PANEL SCHEDULE "A"
120/240 V., 1Ø, 3 WIRE

| CKT. | DESCRIPTION | AMP. | POLES | LOAD | CKT. | DESCRIPTION | AMP. | POLES | LOAD |
|------|----------------------|------|-------|------|------|---------------------|------|-------|------|
| | MAIN BREAKER | 125 | 2 | — | 16 | WET WELL VENTILATOR | 30 | 1 | 1800 |
| 1 | LGTS.-UPPER LEVEL | 20 | 1 | 900 | 17 | LGTS.-GARAGE | 20 | 1 | 950 |
| 2,4 | ENGINE HEATER | 20 | 2 | 3000 | 18 | CHEM. FEED PUMP | 20 | 1 | 650 |
| 3 | LGTS.-WET WELL | 20 | 1 | 1500 | 19 | VENTILATOR DRY WELL | 20 | 1 | 850 |
| 5 | LGTS.-LOWER LEVELS | 20 | 1 | 1200 | 20 | SPARE | 20 | 1 | — |
| 6 | GEN. CONTR. PNL. | 20 | 1 | 400 | 21 | SPARE | 20 | 1 | — |
| 7 | SPARE | 20 | 1 | — | 22 | SPARE | 20 | 1 | — |
| 8 | FLOW METER | 20 | 1 | 600 | 23 | SPARE | 20 | 1 | — |
| 9 | LEVEL CONTR. PNL. | 20 | 1 | 250 | 24 | SPARE | 20 | 1 | — |
| 10 | RECEPT.-UPPER LEVEL | 20 | 1 | 600 | | | | | |
| 11 | RECEPT.-LOWER LEVELS | 20 | 1 | 950 | | | | | |
| 12 | SUMP PUMP | 20 | 1 | 830 | | | | | |
| 13 | WATERSEAL SOLENOIDS | 20 | 1 | 300 | | | | | |
| 14 | DEHUMIDIFIER | 20 | 1 | 830 | | | | | |
| 15 | RECEPT.-GARAGE | 20 | 1 | 600 | | | | | |

LIGHTING FIXTURE SCHEDULE

| FIX. NO. | MANUFACTURER | CATALOG NO. | LAMP SIZE | REMARKS |
|----------|--------------|-------------|-----------|------------------------------------|
| CL-1 | COLUMBIA | 4724-52-78A | 4-F40W | W/1" H-850 STEMS, LENGTH TO SUITE. |
| CL-2 | CROUSE-HINDS | EVX 220 | 300WPS30 | |
| CL-3 | HUBBELL | VB-272 | 200W | |
| W-1 | CROUSE-HINDS | EVBX 220 | 300WPS30 | MT. BOTTOM 7'-6" ABV. FLOOR |
| W-2 | HUBBELL | 5-800-PC | 150W. | MT. BOTTOM 10'-0" ABV. FLOOR |
| R-1 | MCPHILBEN | 26-817 | 150W. | |

AS SHOWN HEREIN IS INTENDED TO BE CORRECT. HOWEVER, ALL PERSONS SHALL VERIFY INFORMATION TAKEN FROM THIS SHEET.

BURGESS & NIPLE, LIMITED CONSULTING ENGINEERS
COLUMBUS, OHIO

DELAWARE COUNTY, OHIO
ALUM CREEK PUMPING STATION

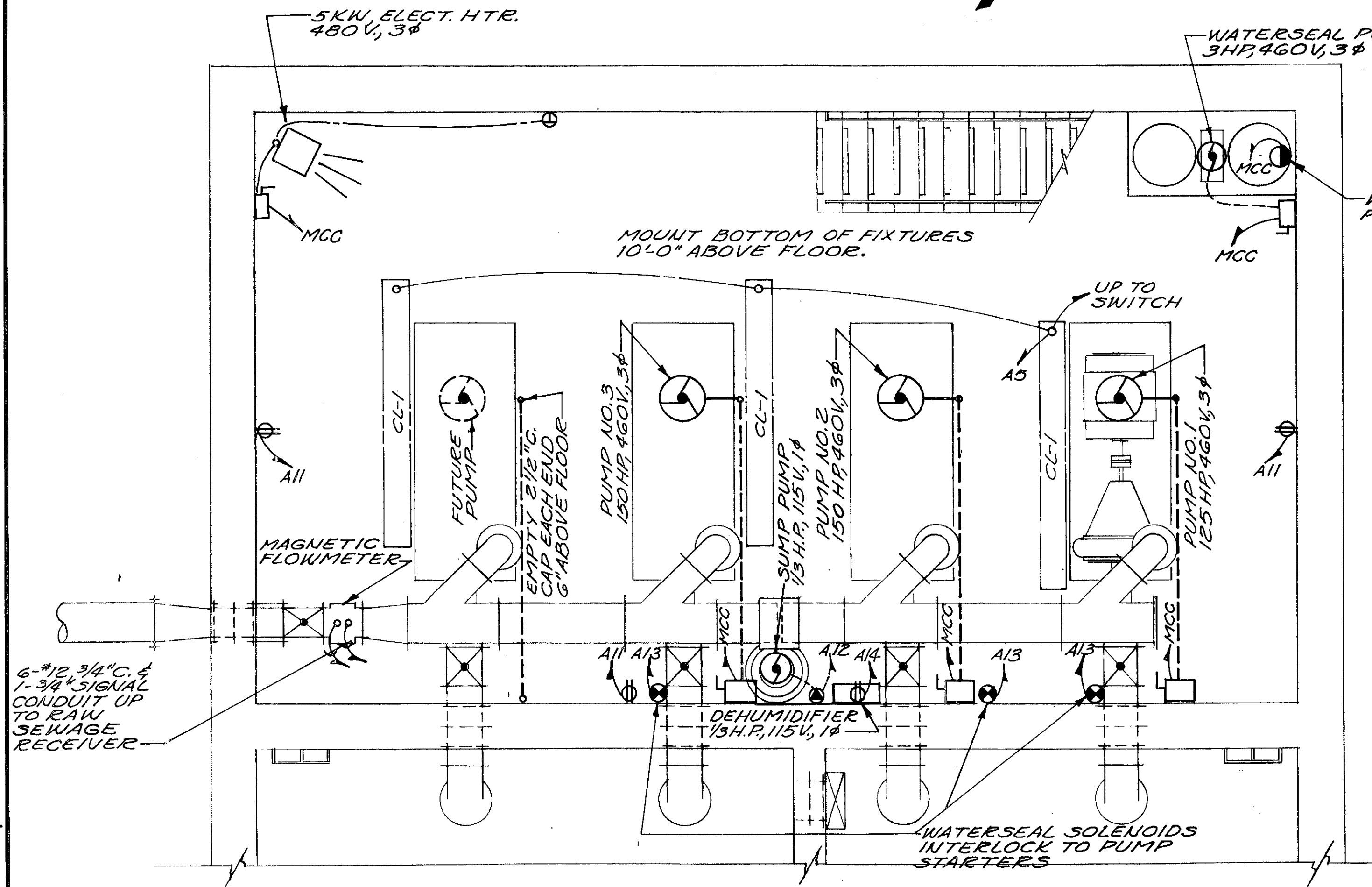
DESIGNED BY H.C.S.
DRAWN BY R.C.M.
CHECKED BY H.C.S.
APPROVED BY

SCALE 3/8" = 1'-0"
JOB NO. 4230
DATE APRIL, 1975

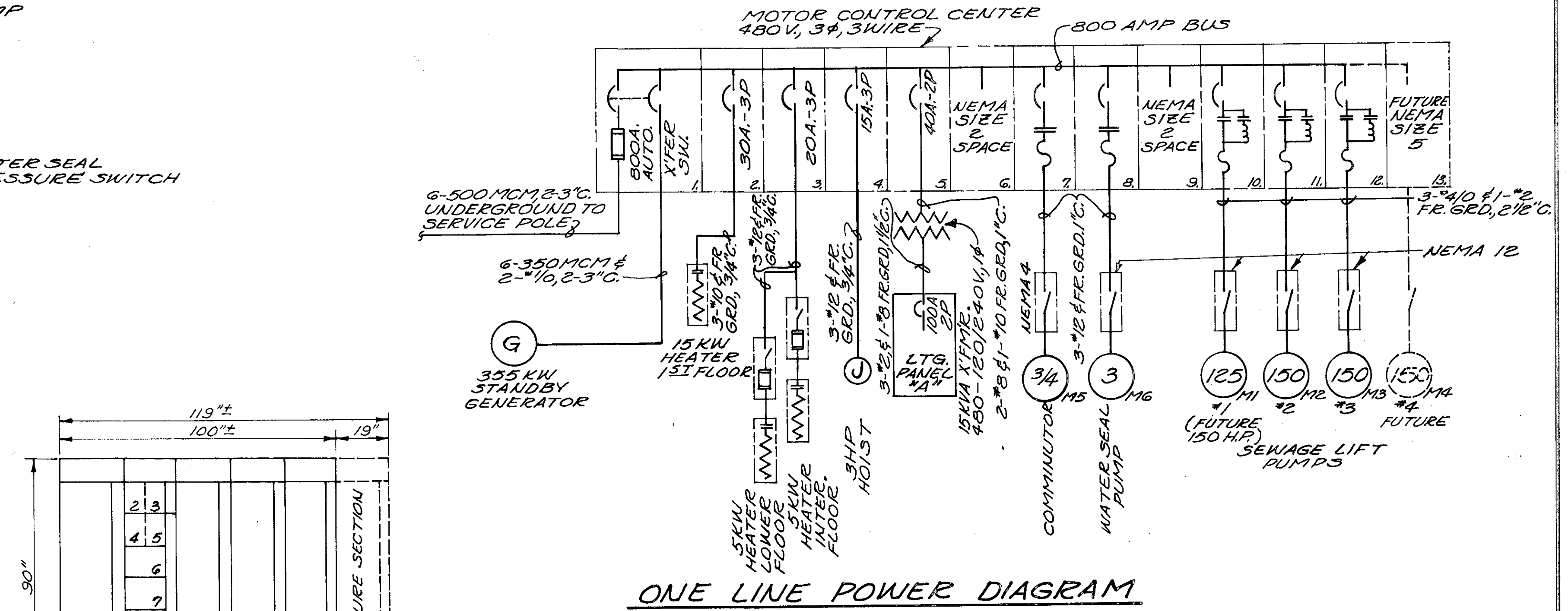
ELECTRICAL
UPPER & INTERMEDIATE FLOOR PLANS

SHEET NO. 18

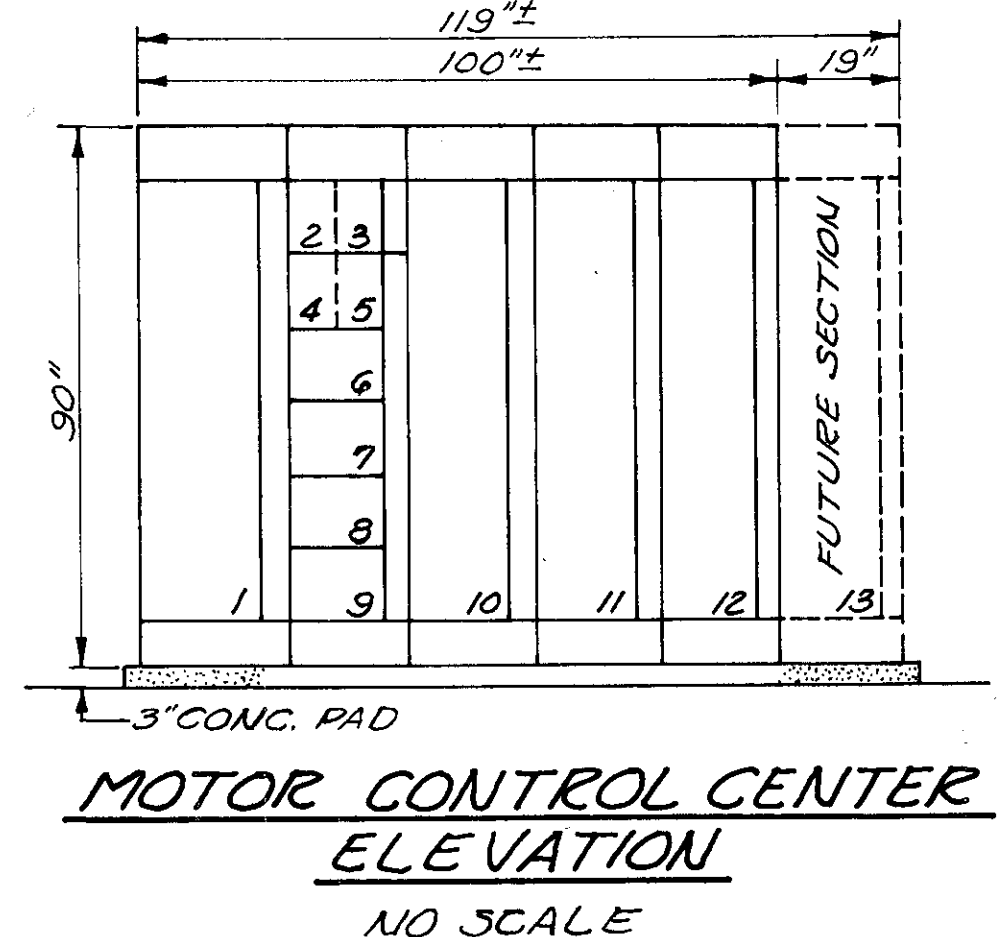
NOTE:
 THE HORSEPOWERS SHOWN ARE ESTIMATED ONLY.
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 RATINGS OF EQUIPMENT TO BE FURNISHED AND
 PROVIDE PROPER CONTROLS, WIRE, CONDUIT, AND
 CONNECTION AT NO CHANGE IN CONTRACT PRICE.



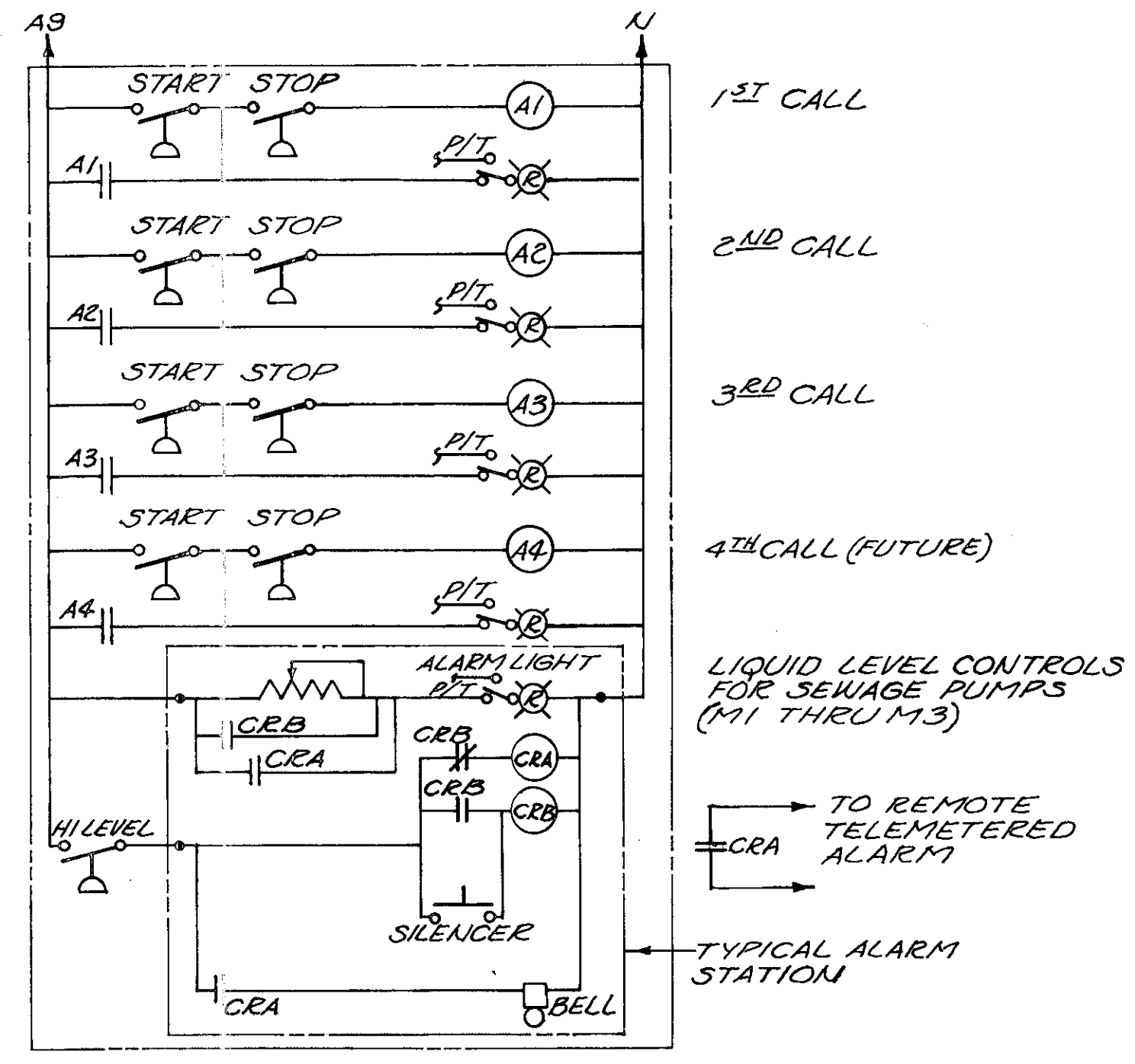
LOWER PLAN



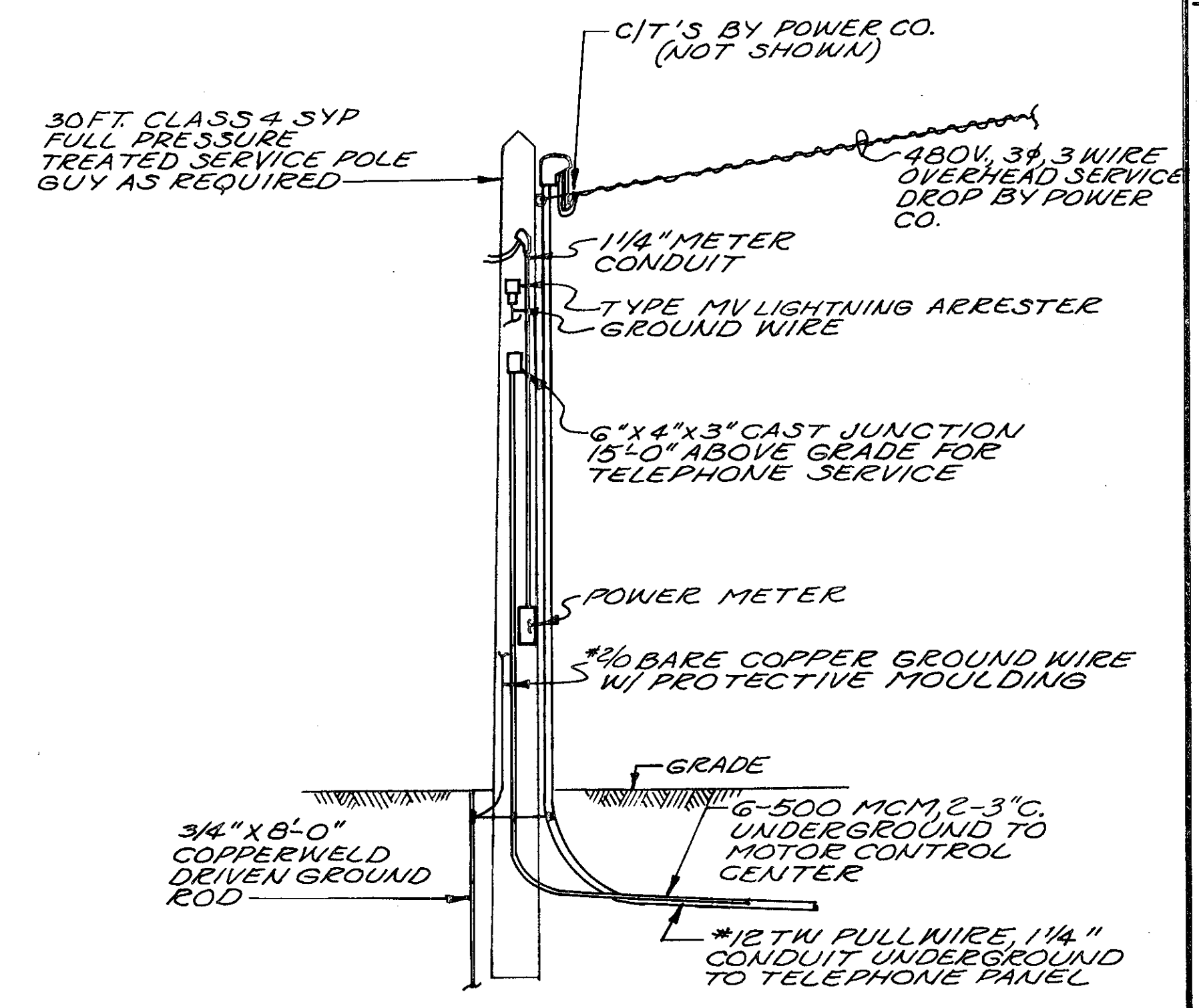
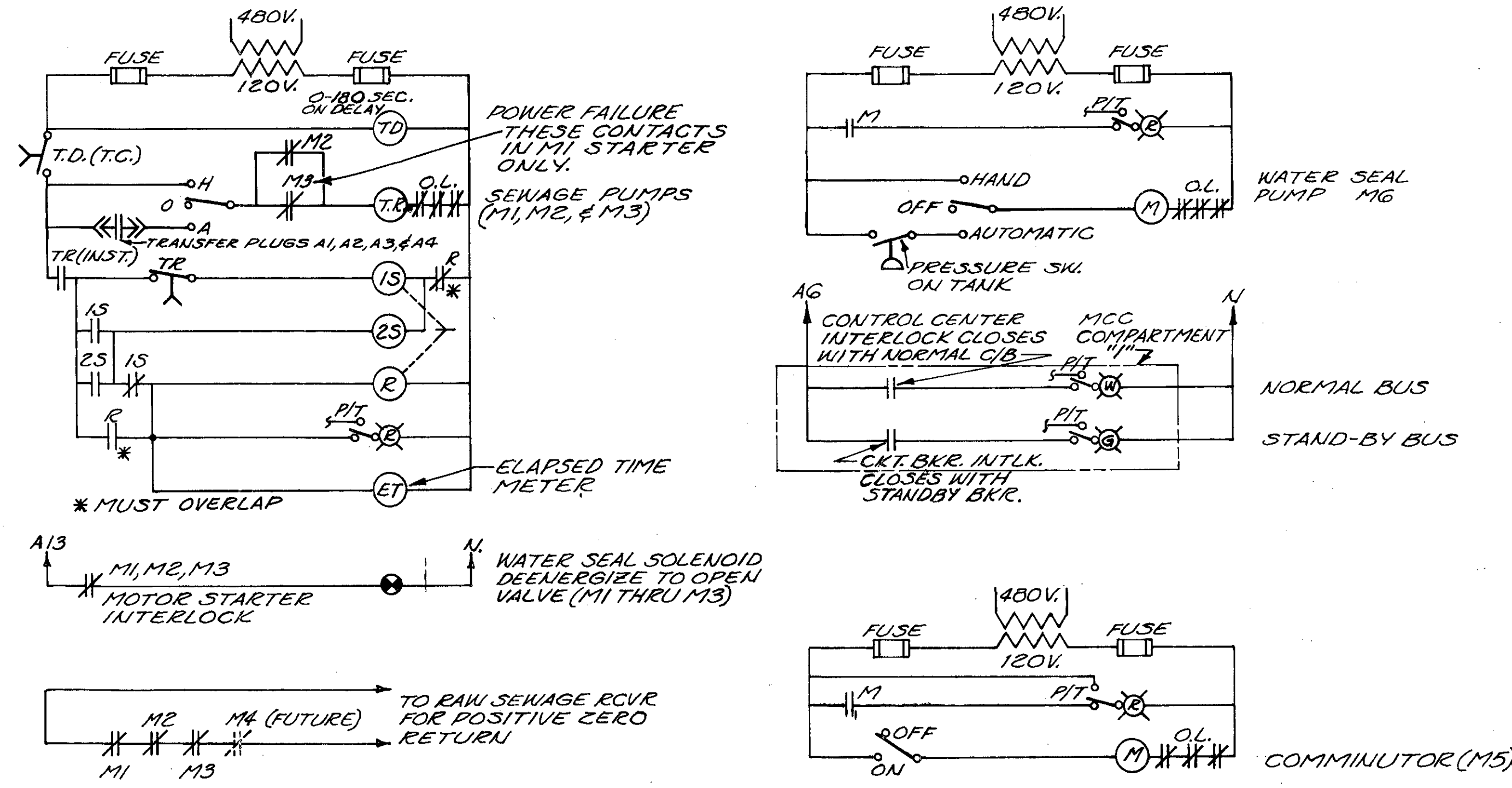
ONE LINE POWER DIAGRAM



MOTOR CONTROL CENTER ELEVATION
NO SCALE



ELEMENTARY CONTROL DIAGRAMS



SERVICE POLE DETAIL
NO SCALE

REVISED 4-80 AS CONSTRUCTED
 THE INFORMATION SHOWN HEREON IS INTENDED TO BE
 COMPLETE AND CORRECT. HOWEVER, ALL PERSONS
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 DRAWING.

BURGESS & NIPL, LIMITED CONSULTING ENGINEERS
 COLUMBUS, OHIO

DELAWARE COUNTY, OHIO
 ALUM CREEK PUMPING STATION

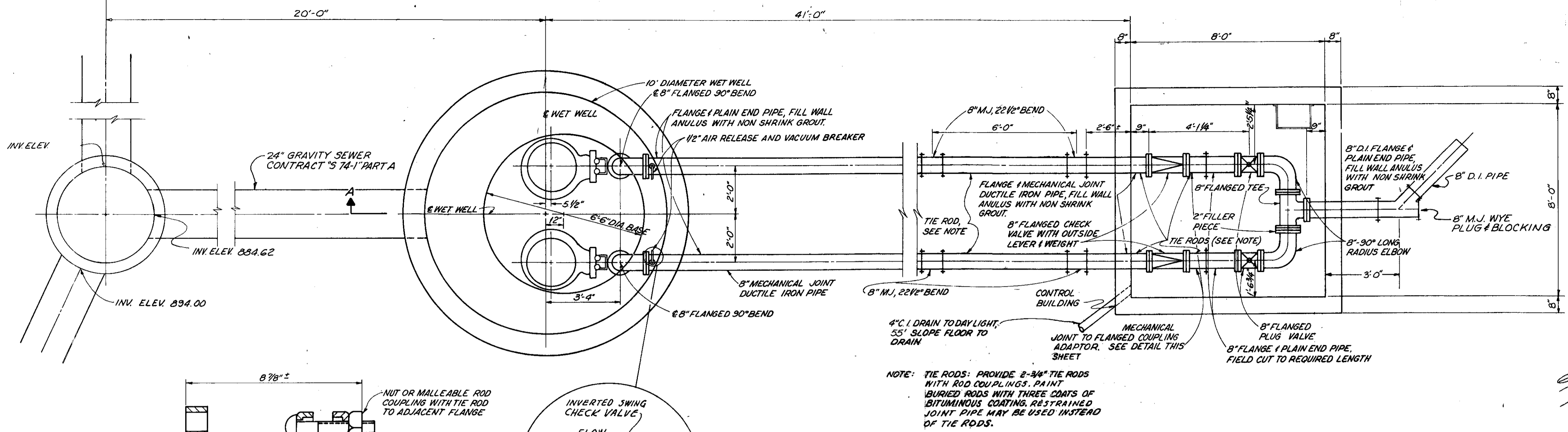
DESIGNED BY H.C.S.
 DRAWN BY E.L.M.
 CHECKED BY H.C.S.
 APPROVED BY

REVISIONS

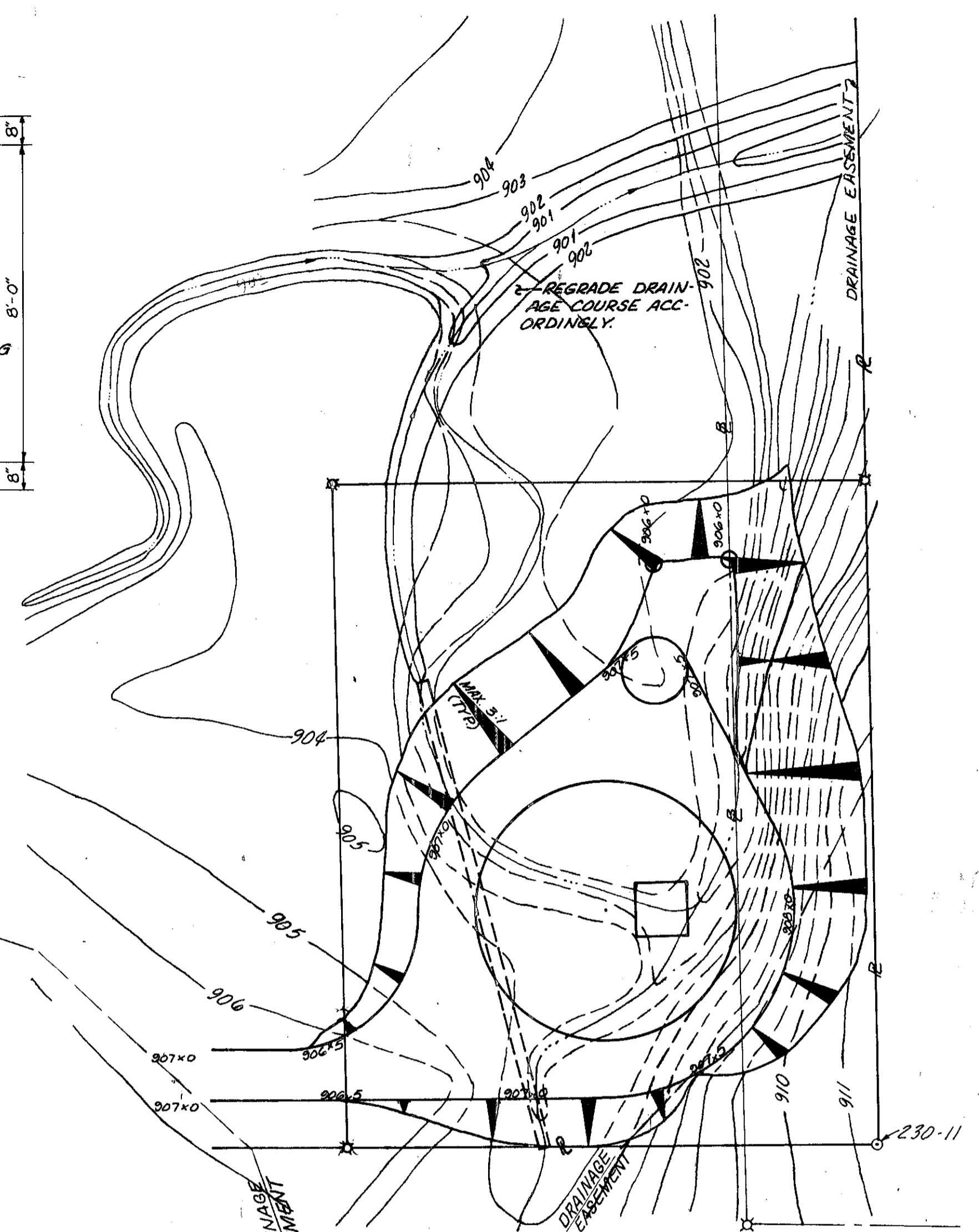
SCALE 3/8" = 1'-0"
 JOB NO. 4230
 DATE APRIL, 1975

ELECTRICAL
 LOWER PLAN, DIAGRAMS
 & DETAILS

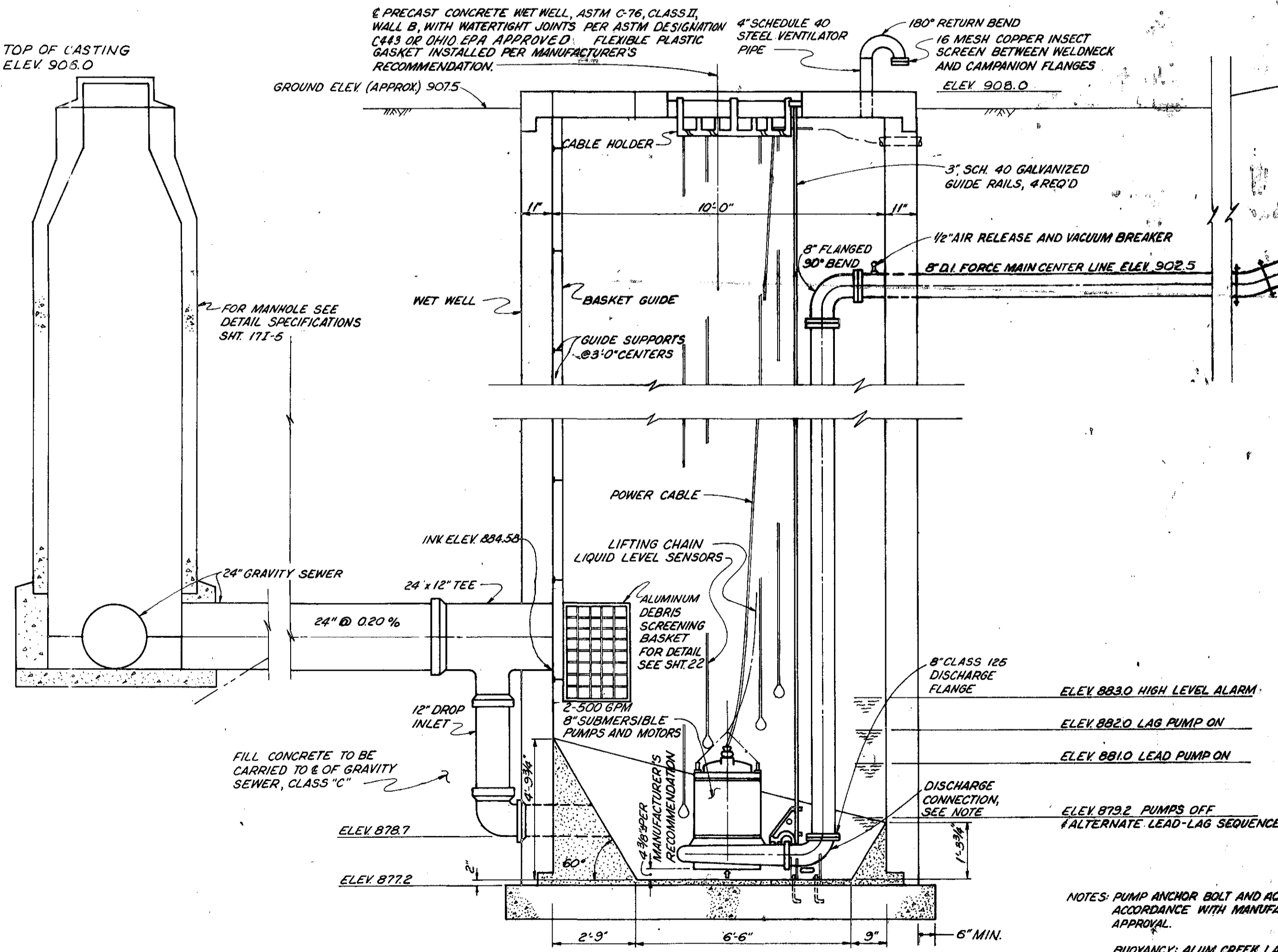
SHEET NO.
 19



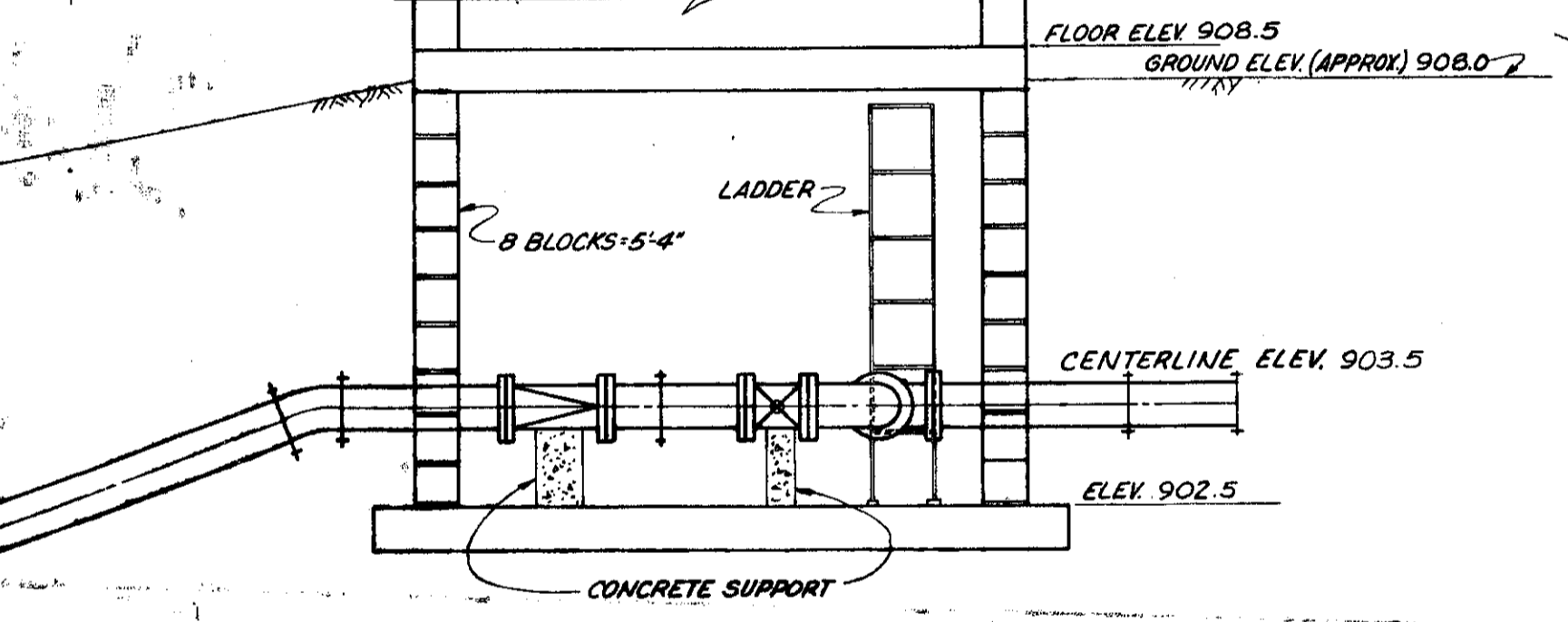
PIPING PLAN
No Scale



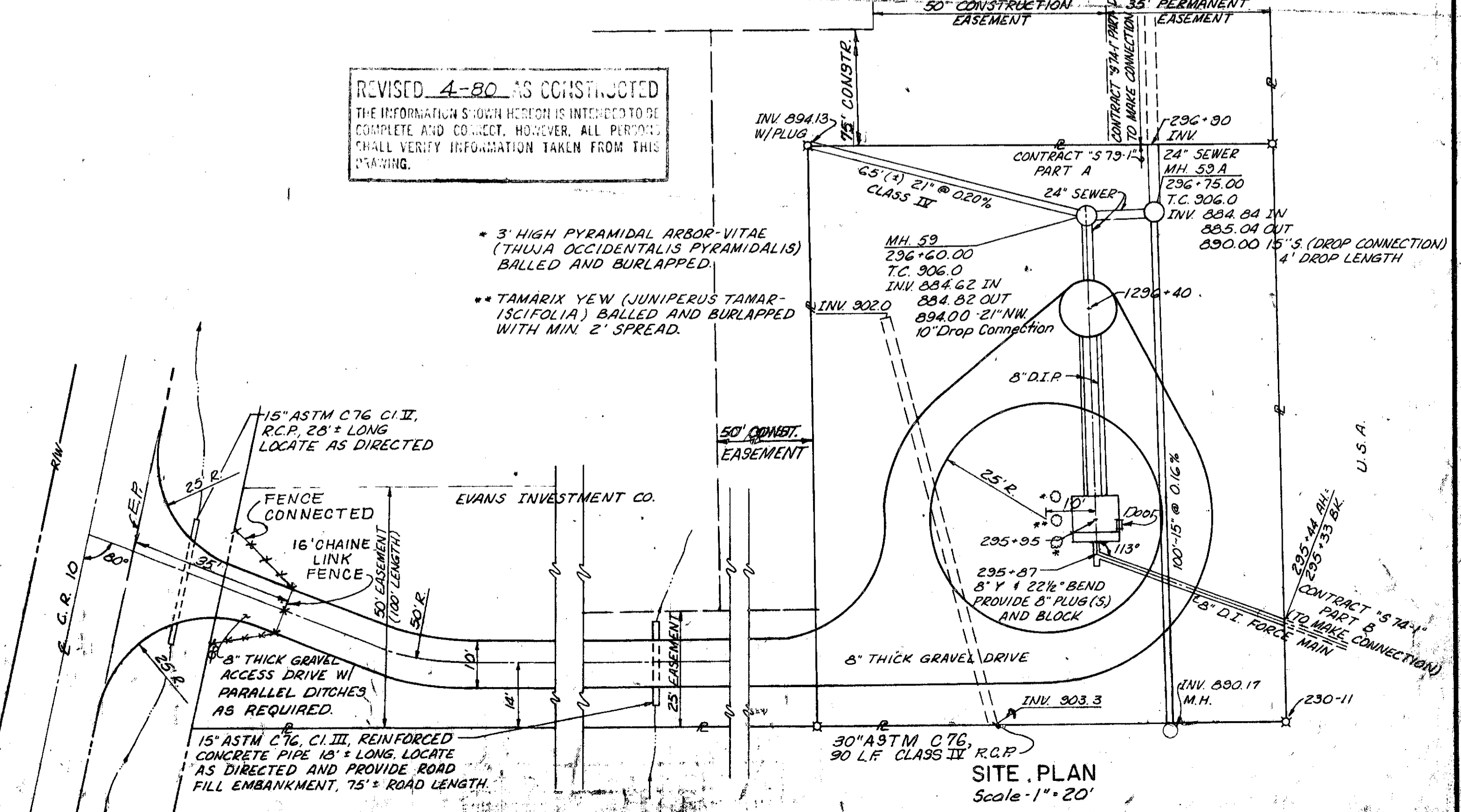
GRADING PLAN
Scale: 1" = 20'



PEACHBLOW PUMPING STATION SECTION A-A
No Scale



REVISED 4-80 AS CONSTRUCTED
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SITE PLAN
Scale: 1" = 20'

BURGESS & NIPLE, LIMITED CONSULTING ENGINEERS
COLUMBUS, OHIO

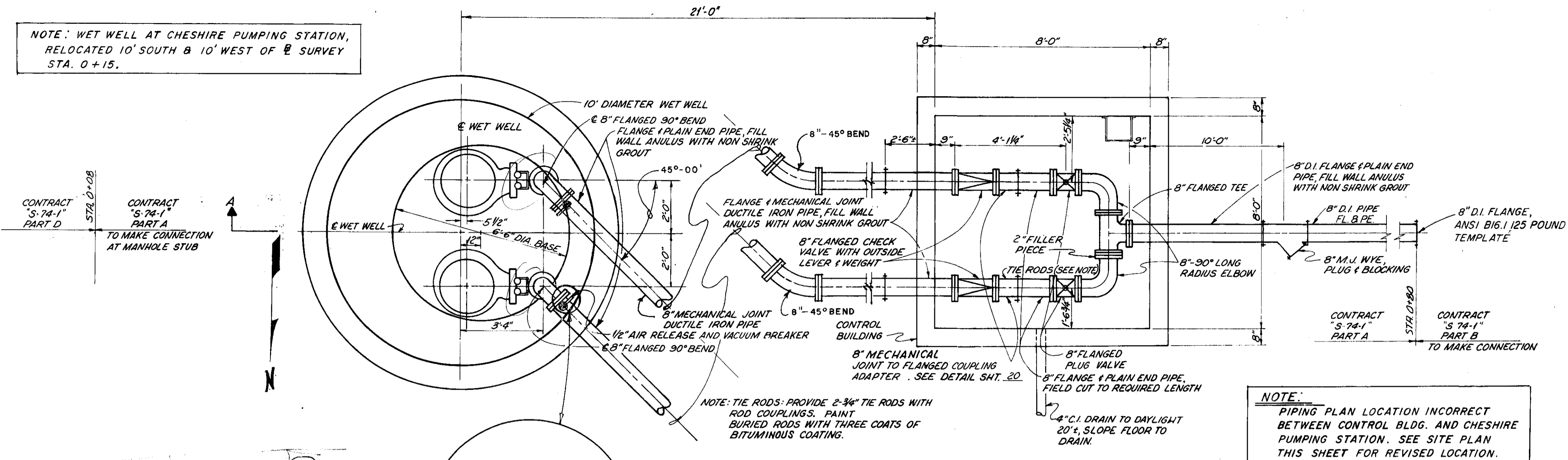
DELAWARE COUNTY, OHIO PEACHBLOW PUMPING STATION

DESIGNED BY: E.V.B.
DRAWN BY: J.S.M.
CHECKED BY:
APPROVED BY:
REVISIONS: PUMP SITE RELOCATED 11-23-77
SCALE: AS SHOWN
JOB NO.: 4230
DATE: APRIL 1978

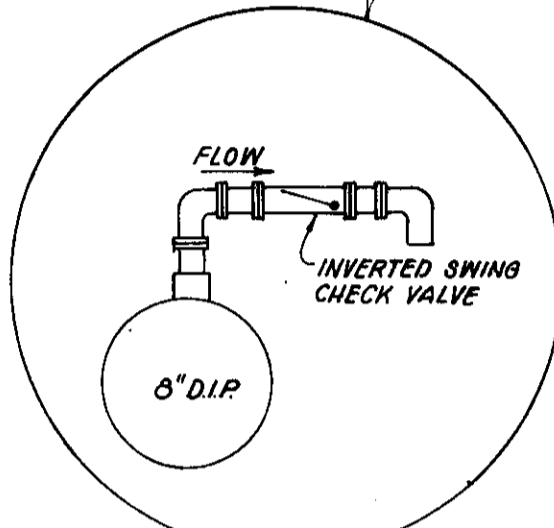
SITE PLAN PLANS AND SECTIONS

SHEET NO. 20

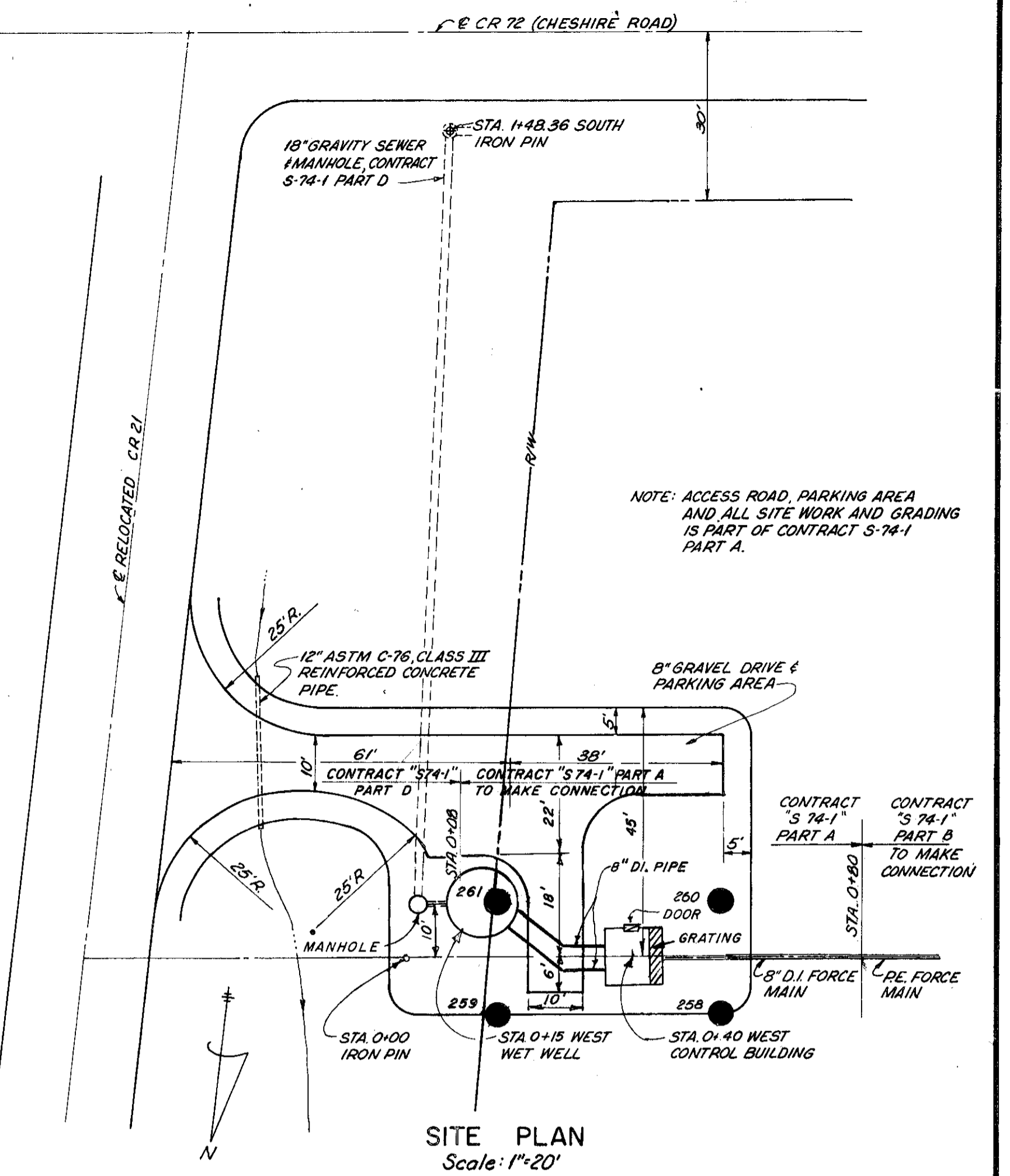
NOTE: WET WELL AT CHESHIRE PUMPING STATION, RELOCATED 10' SOUTH & 10' WEST OF SURVEY STA. 0+15.



NOTE: PIPING PLAN LOCATION INCORRECT BETWEEN CONTROL BLDG. AND CHESHIRE PUMPING STATION. SEE SITE PLAN THIS SHEET FOR REVISED LOCATION.

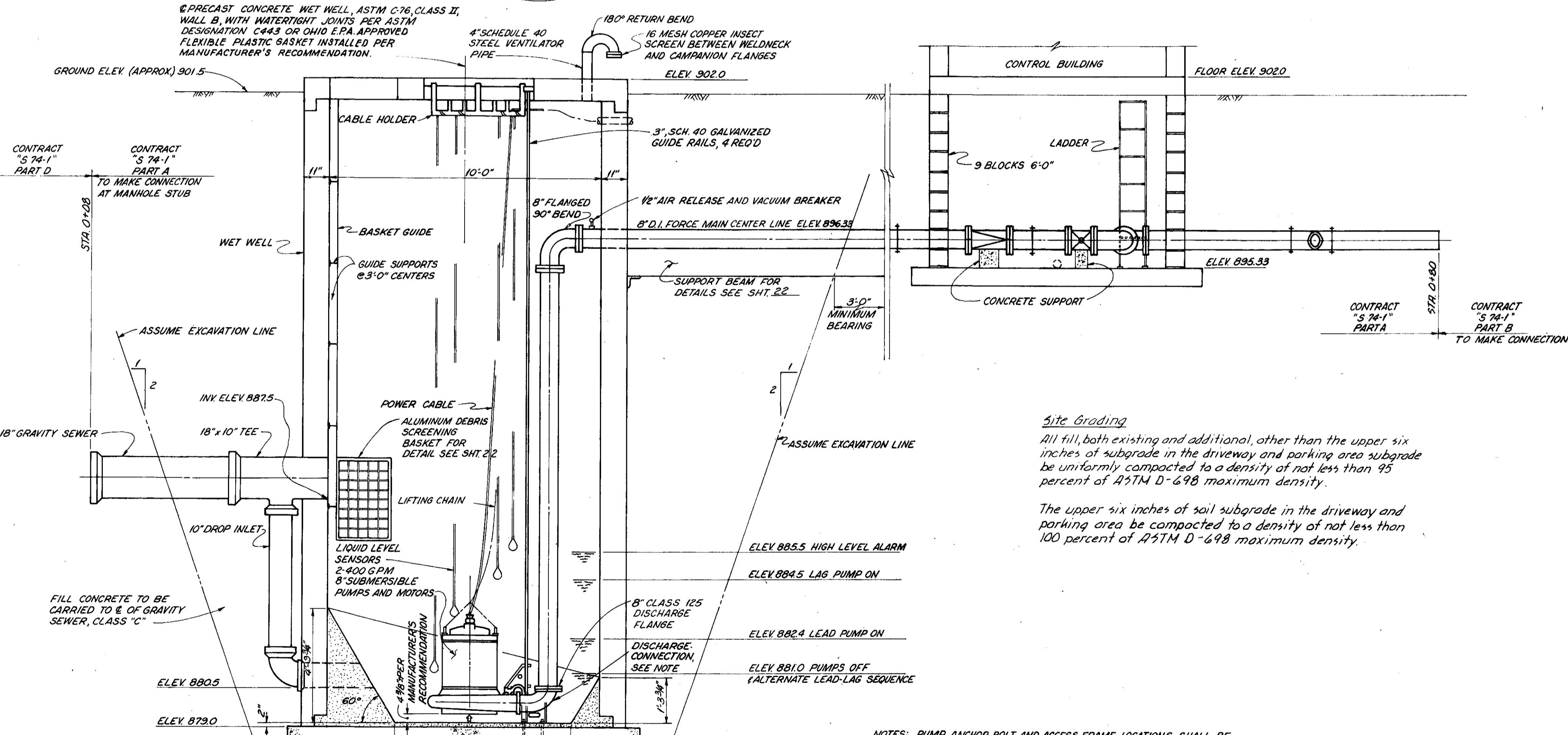


PIPING PLAN
No Scale



NOTE: ACCESS ROAD, PARKING AREA AND ALL SITE WORK AND GRADING IS PART OF CONTRACT S-74-1 PART A.

SITE PLAN
Scale: 1\"/>



Site Grading

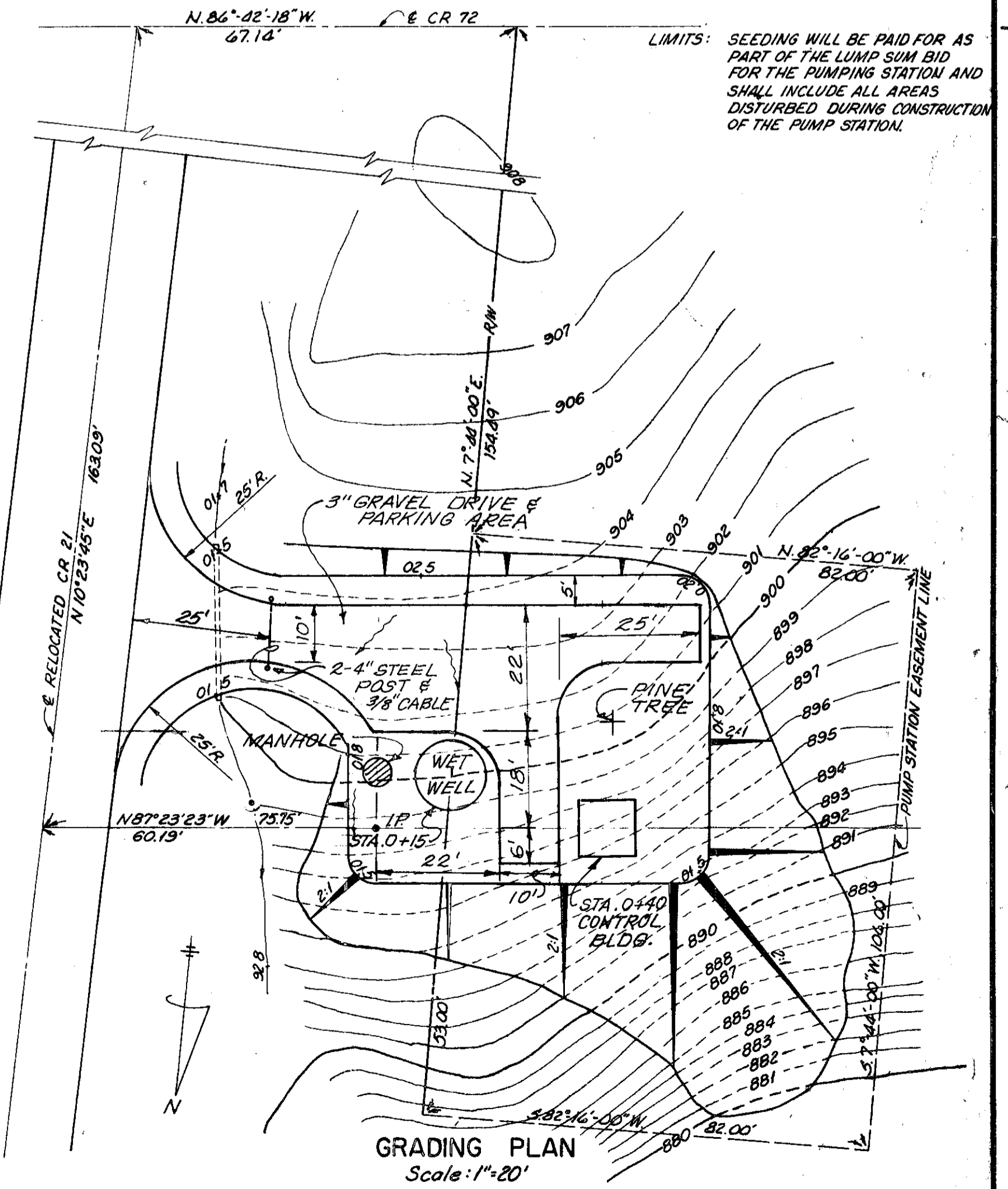
All fill, both existing and additional, other than the upper six inches of subgrade in the driveway and parking area shall be uniformly compacted to a density of not less than 95 percent of ASTM D-698 maximum density.

The upper six inches of soil subgrade in the driveway and parking area be compacted to a density of not less than 100 percent of ASTM D-698 maximum density.

NOTES: PUMP ANCHOR BOLT AND ACCESS FRAME LOCATIONS SHALL BE IN ACCORDANCE WITH MANUFACTURERS REQUIREMENTS AND ENGINEERS APPROVAL.

BUOYANCY: ALUM CREEK LAKE MAXIMUM HIGH WATER LEVEL - ELEV. 901
ALUM CREEK LAKE NORMAL POOL LEVEL - ELEV. 898
THE WET WELL STRUCTURE CAN BECOME BUOYANT PRIOR TO PLACEMENT OF FINAL BACKFILL. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTION AGAINST STRUCTURE DISPLACEMENT DURING CONSTRUCTION.

REVISED 4-80 AS CONSTRUCTED
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C.E.G.



LIMITS: SEEDING WILL BE PAID FOR AS PART OF THE LUMP SUM BID FOR THE PUMPING STATION AND SHALL INCLUDE ALL AREAS DISTURBED DURING CONSTRUCTION OF THE PUMP STATION.

GRADING PLAN
Scale: 1\"/>

BURGESS & NIPLE, LIMITED CONSULTING ENGINEERS
COLUMBUS, OHIO

DELAWARE COUNTY, OHIO
CHESHIRE PUMPING STATION

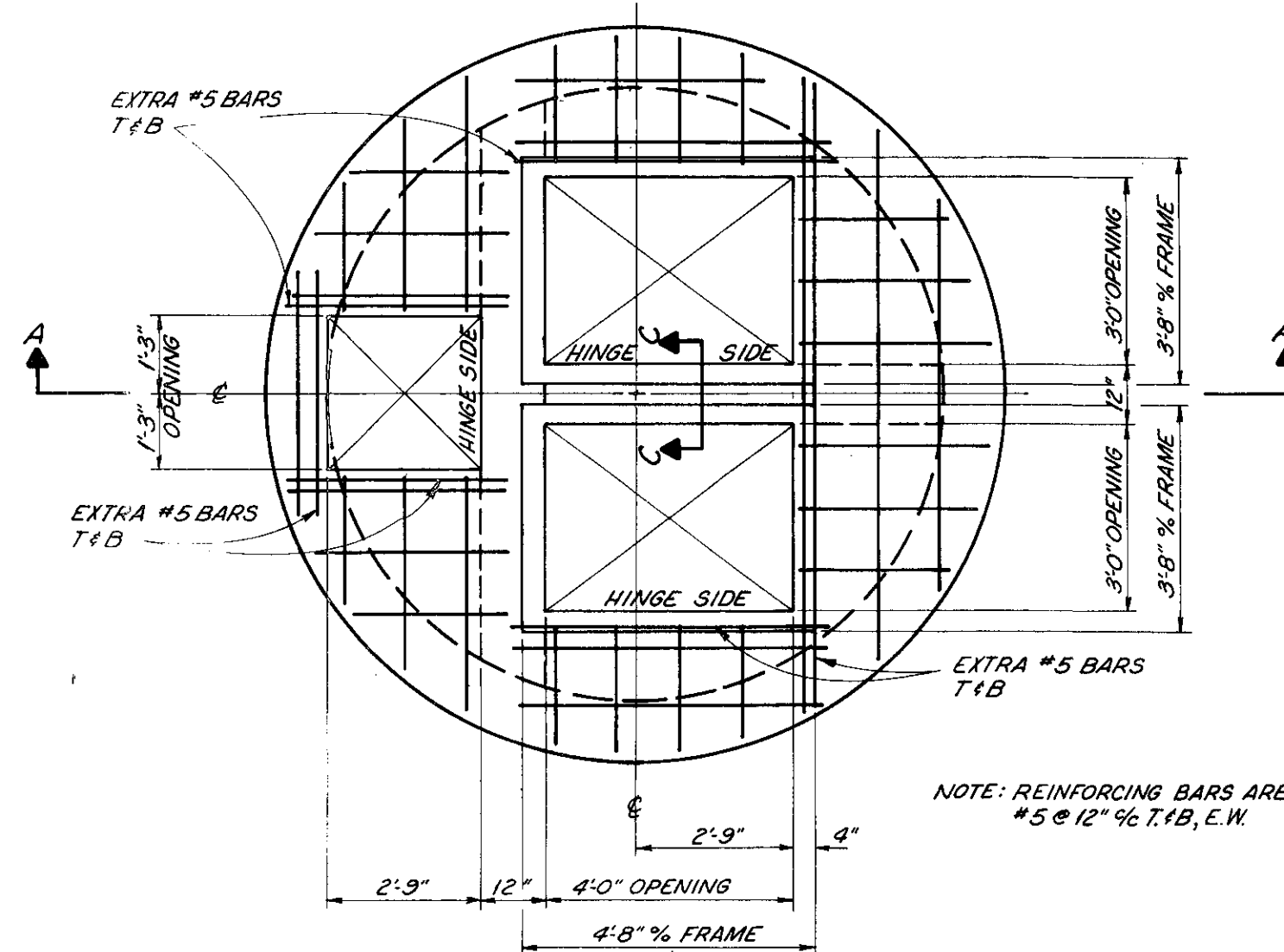
DESIGNED BY F.J.B.
DRAWN BY J.S.J.
CHECKED BY
APPROVED BY

REVISIONS

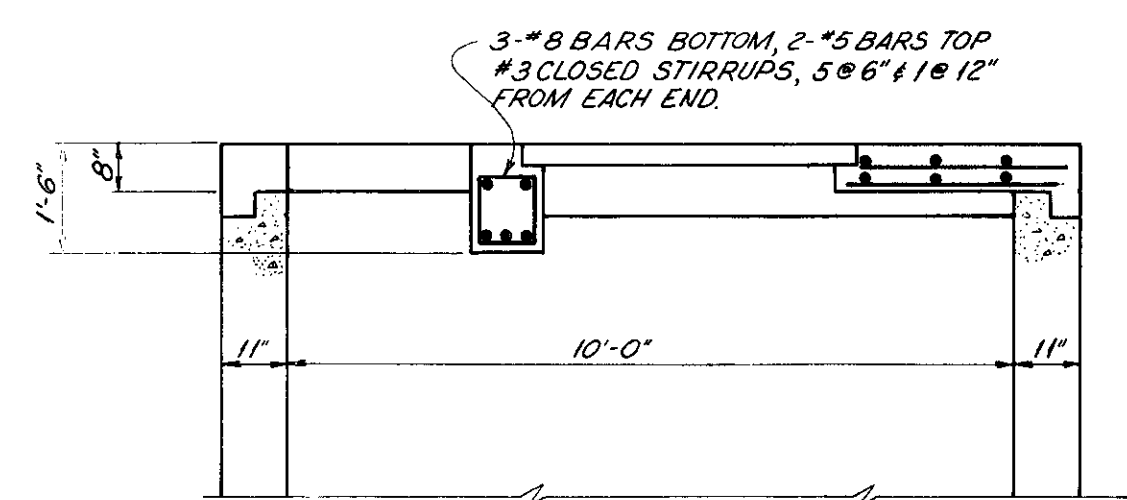
SCALE AS SHOWN
JOB NO. 4230
DATE APRIL 1975

SITE PLAN
PLANS AND SECTIONS

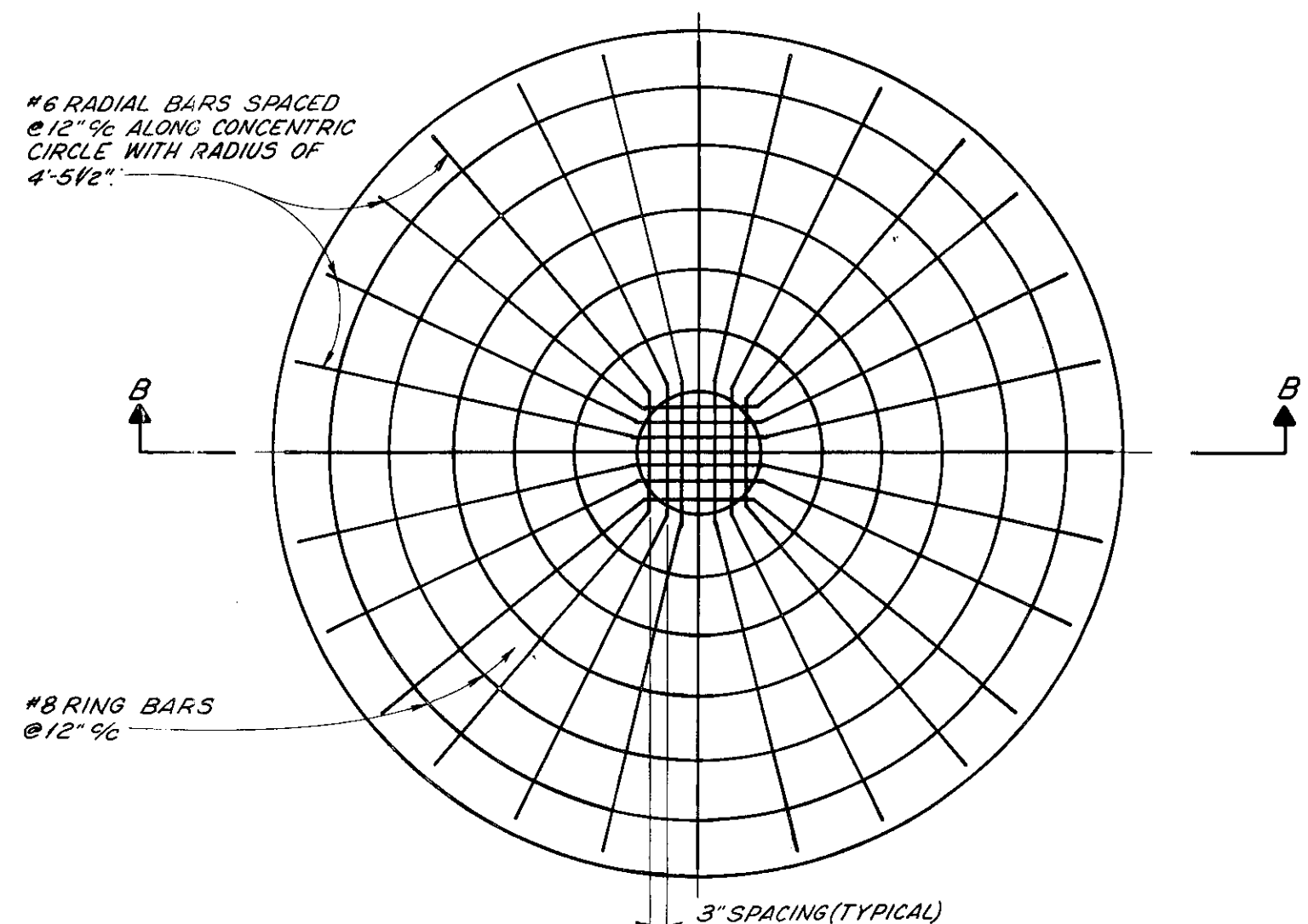
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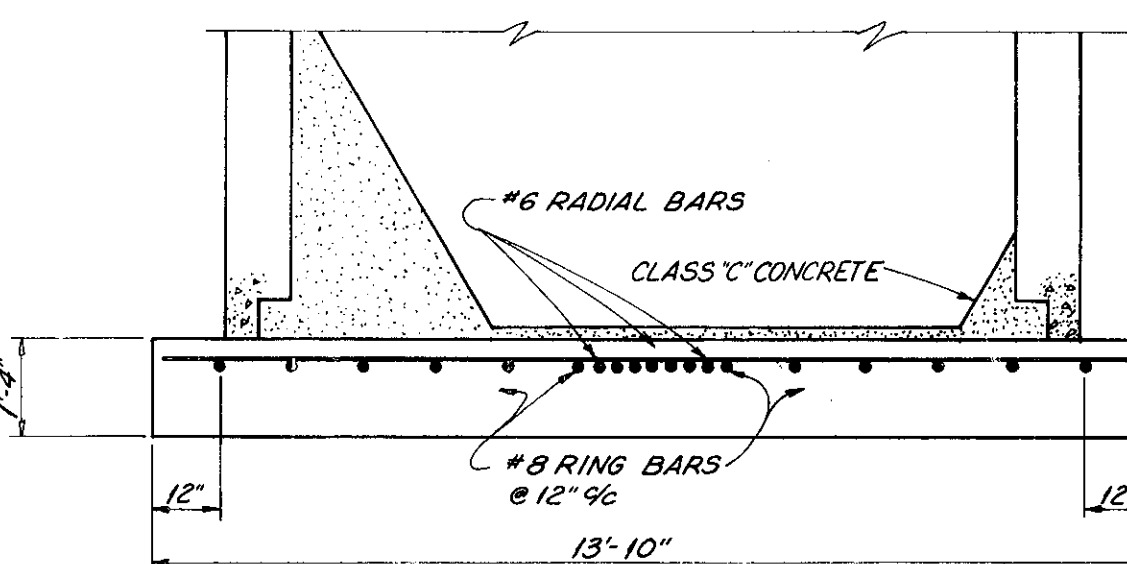
WET WELL
TOP SLAB PLAN
No Scale



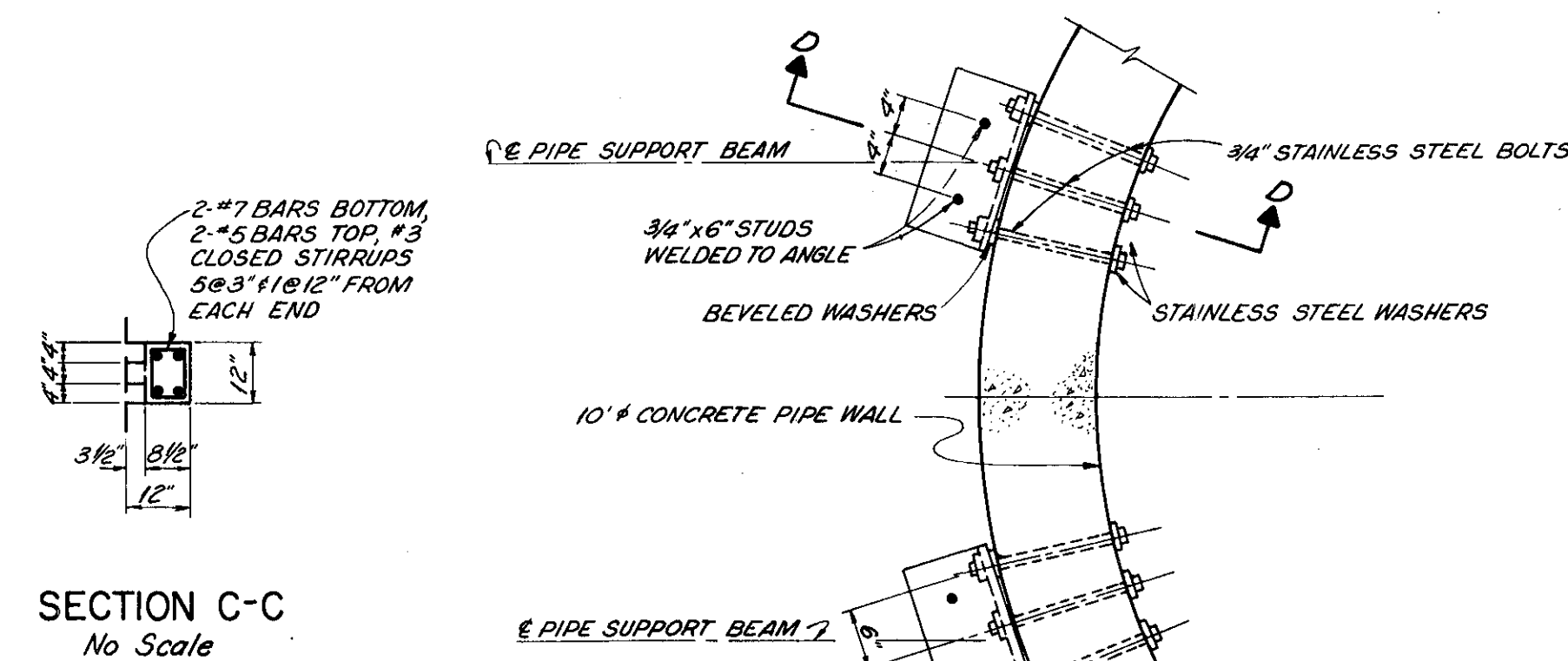
SECTION A-A
No Scale



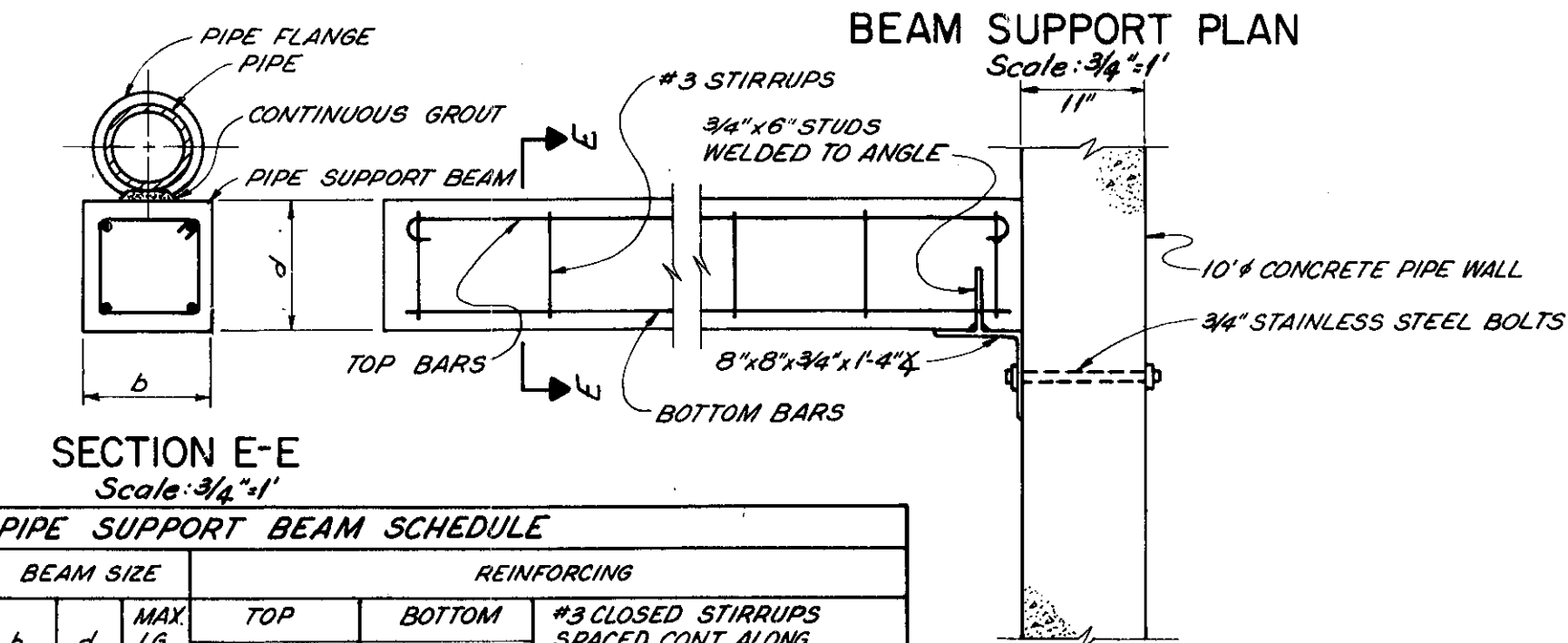
WET WELL
BOTTOM SLAB PLAN
No Scale



SECTION B-B
No Scale



SECTION C-C
No Scale

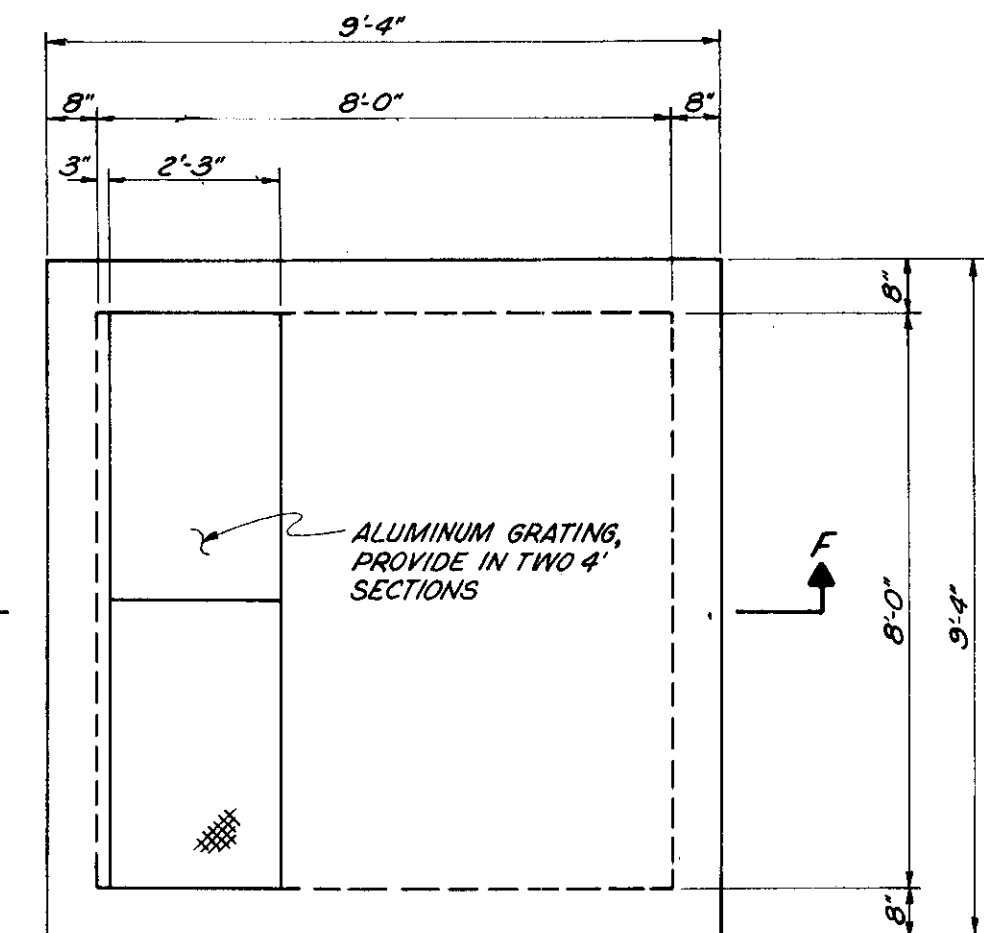


SECTION D-D
Scale: 3/4\"/>

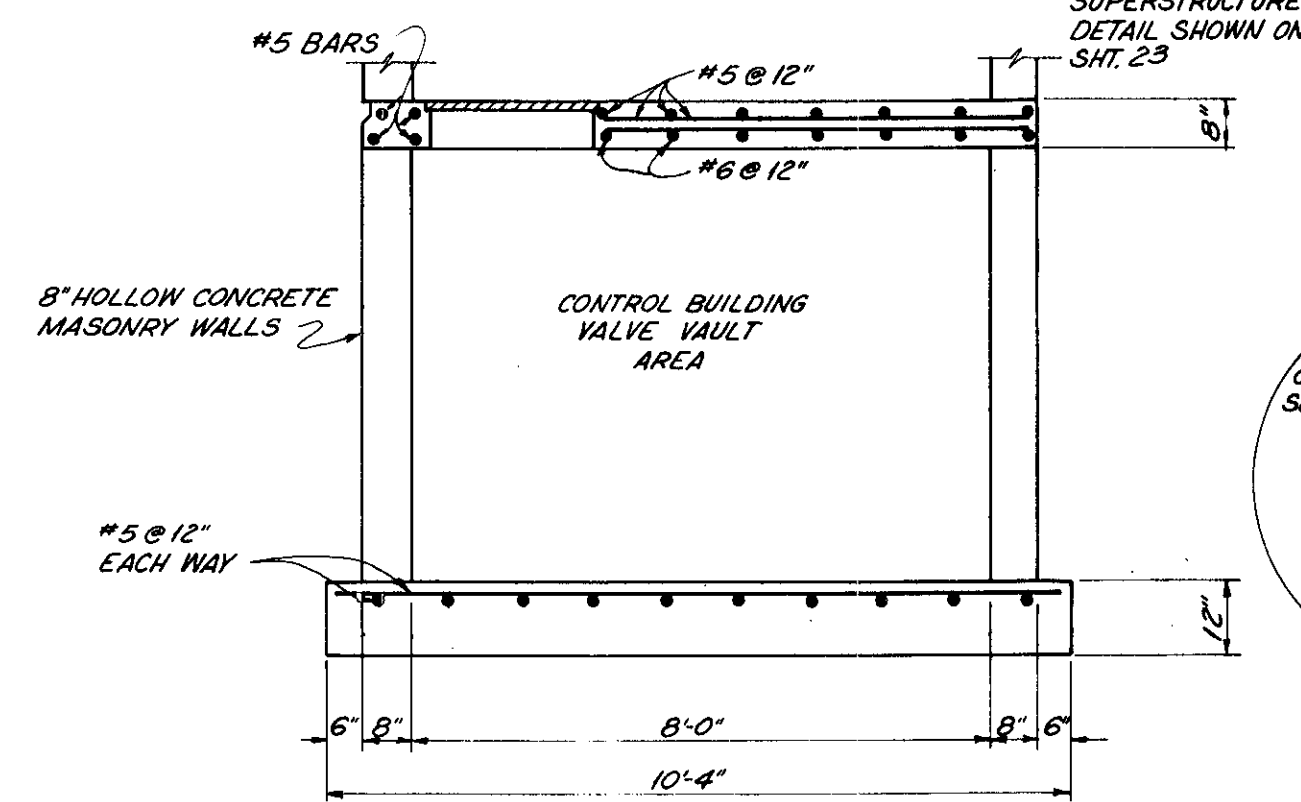
SECTION E-E
Scale: 3/4\"/>

| PIPE SIZE, TYPE AND LOCATION | BEAM SIZE | | REINFORCING | | |
|------------------------------|-----------|---|-------------|--------------|-----------------|
| | b | d | MAX LG. L# | TOP No. SIZE | BOTTOM No. SIZE |
| 8\"/> | | | | | |

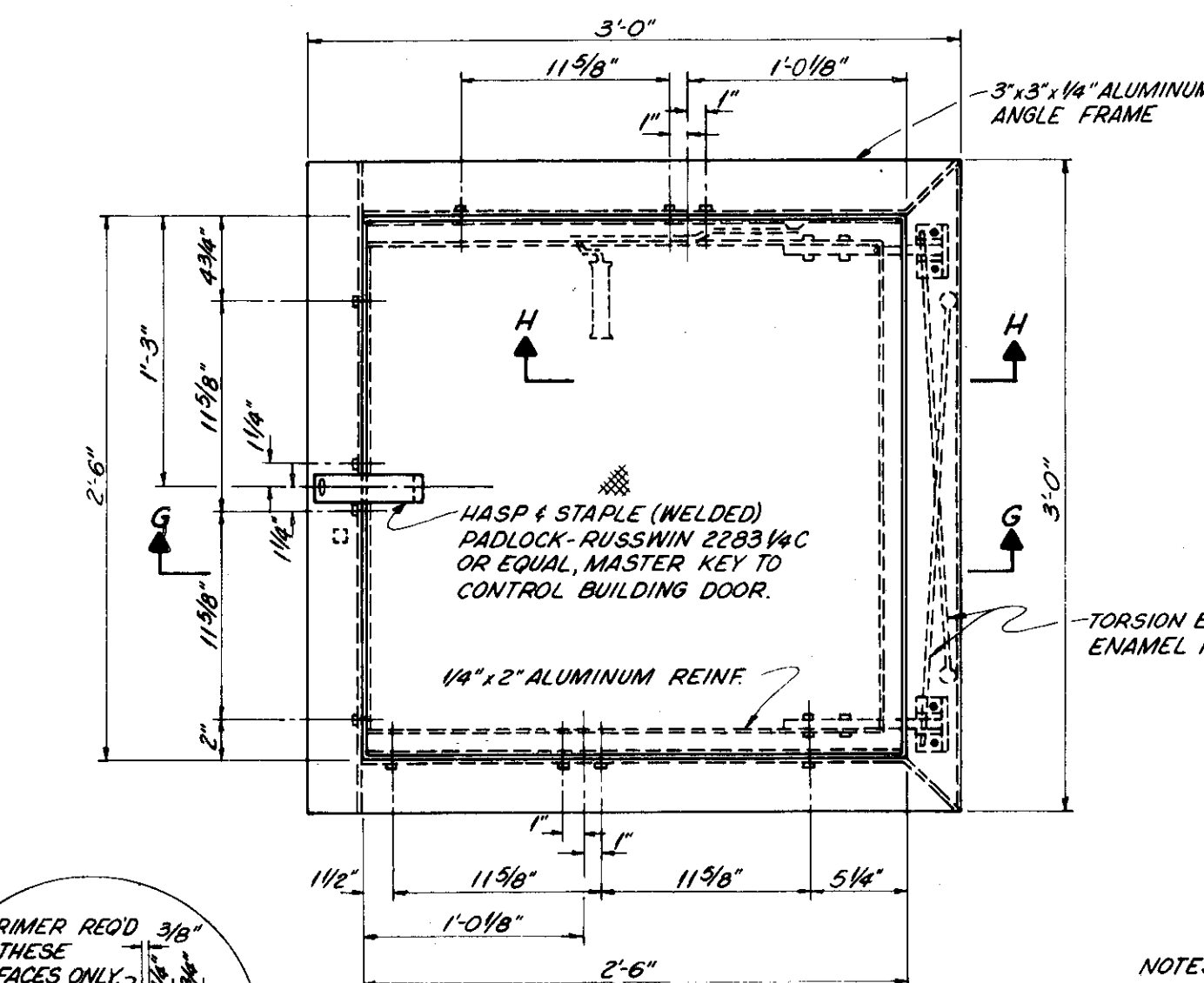
*LENGTH BASED ON ASSUMED EXCAVATION LINE.



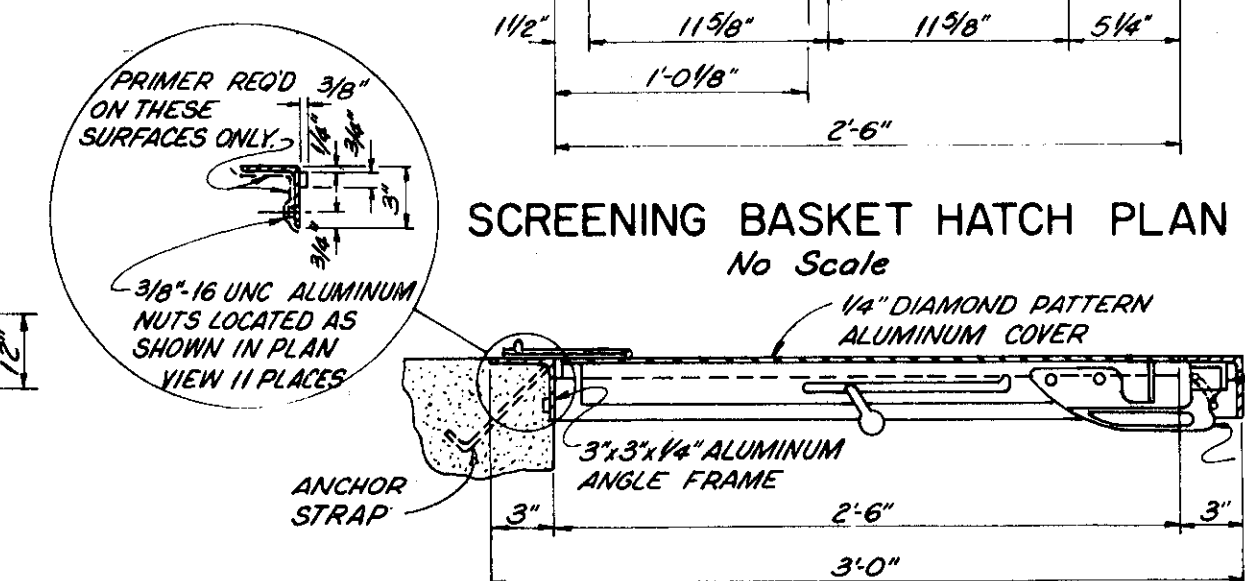
CONTROL BUILDING FLOOR
Scale: 3/8\"/>



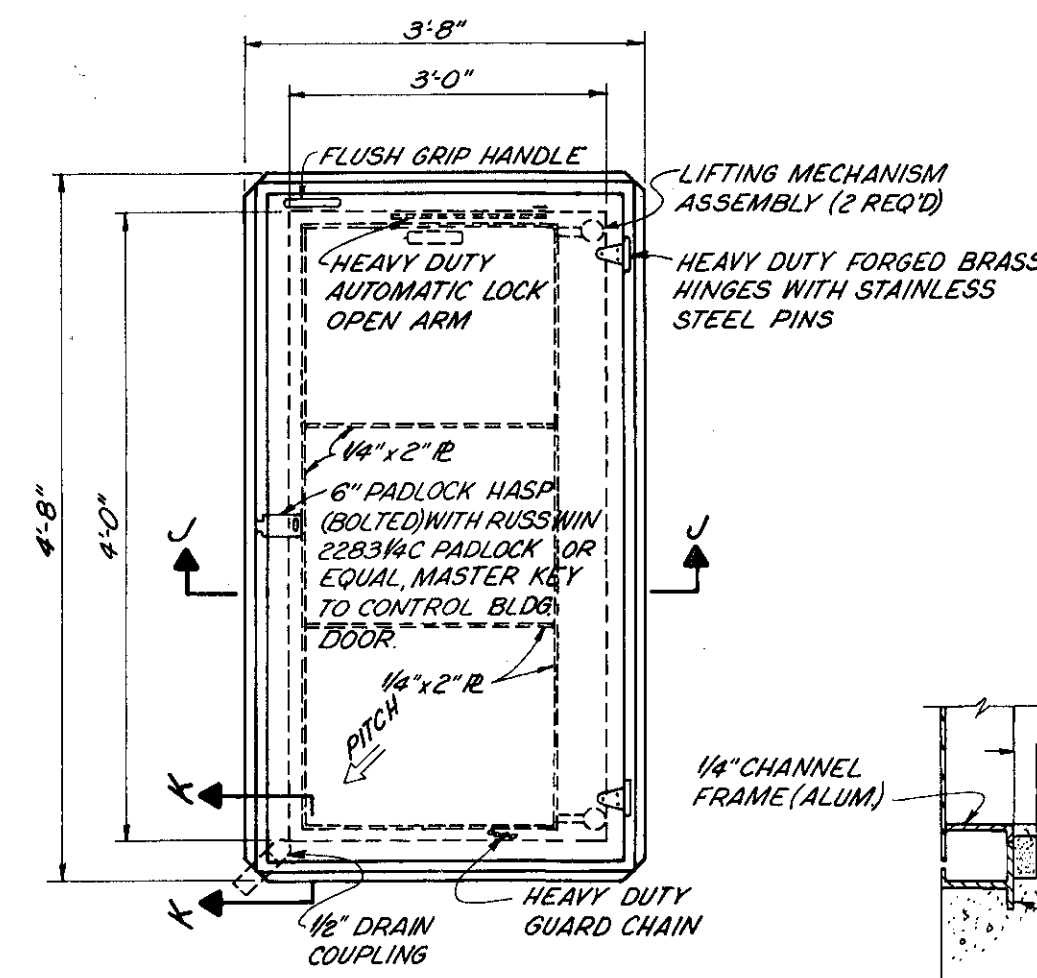
SECTION F-F
Scale: 3/8\"/>



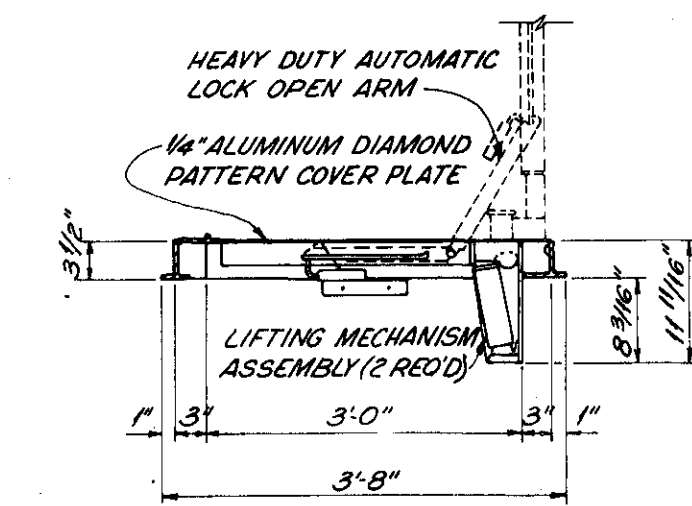
SCREENING BASKET HATCH PLAN
No Scale



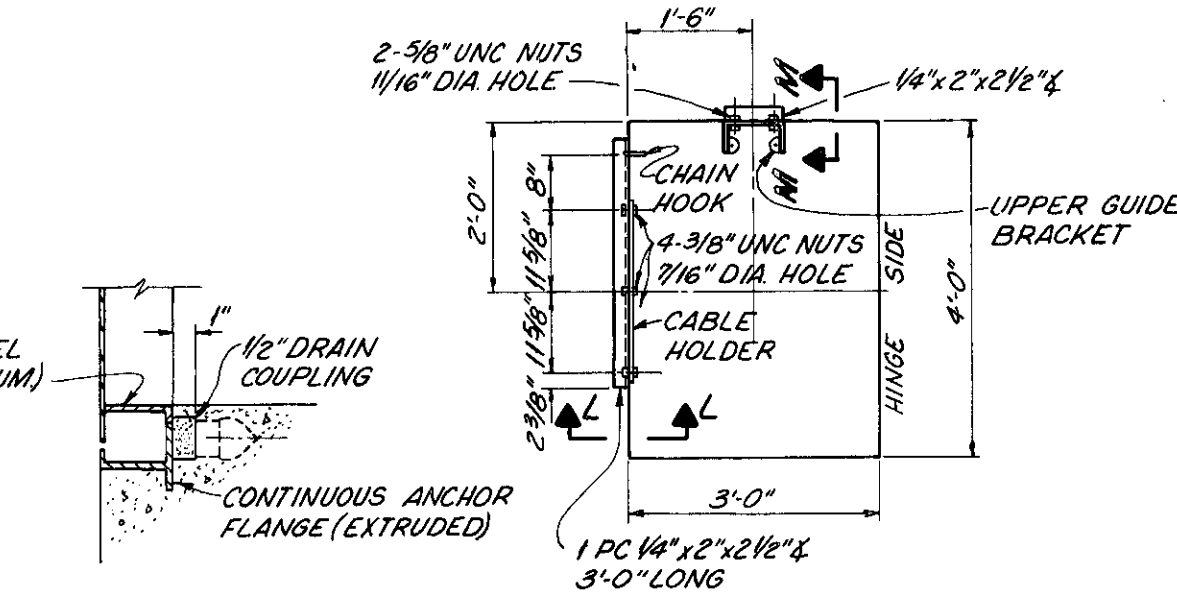
SECTION G-G
No Scale



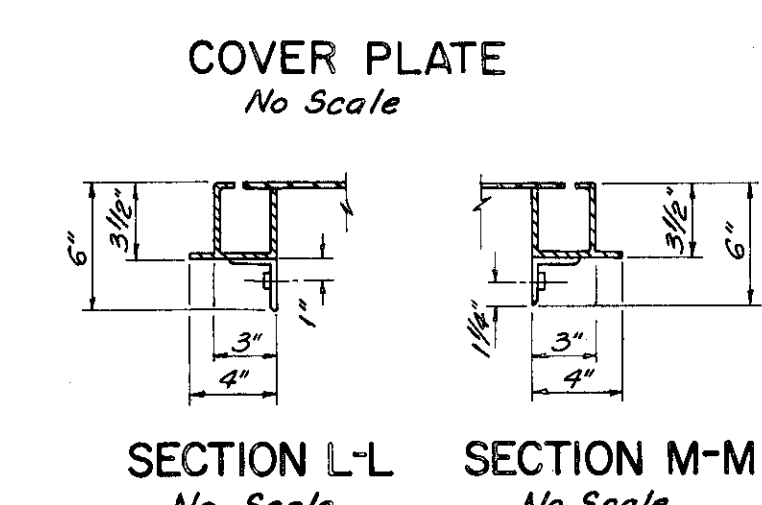
PUMP ACCESS HATCH PLAN
No Scale



SECTION J-J
No Scale

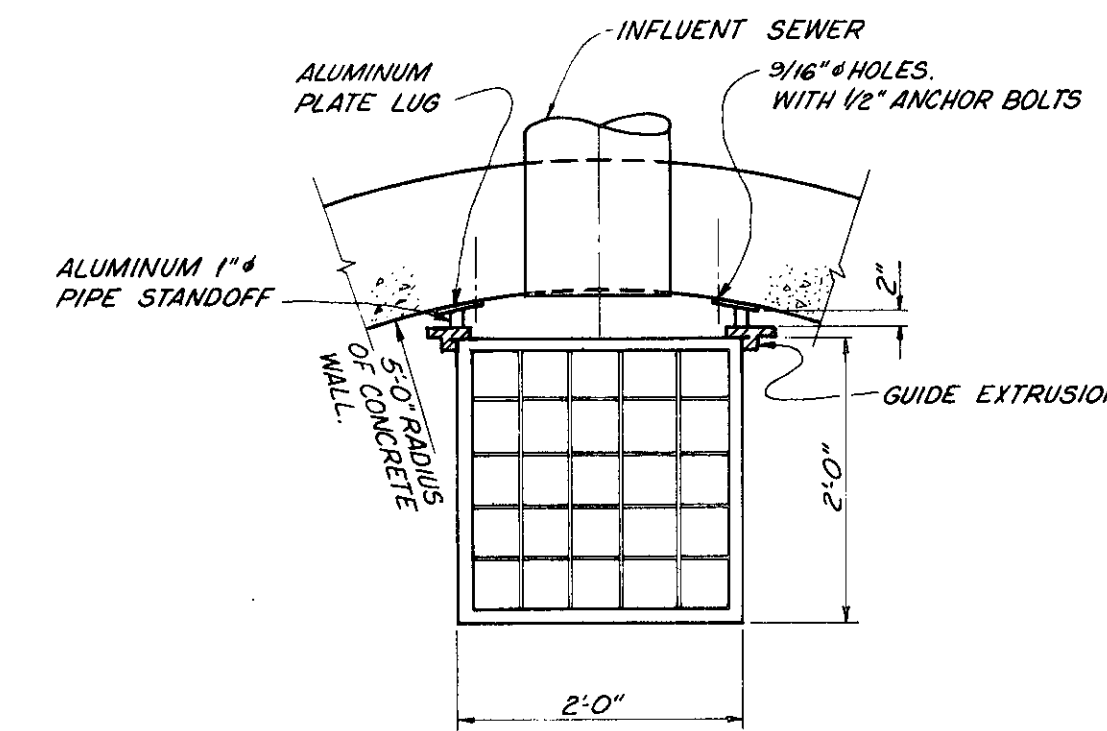


SECTION K-K
No Scale

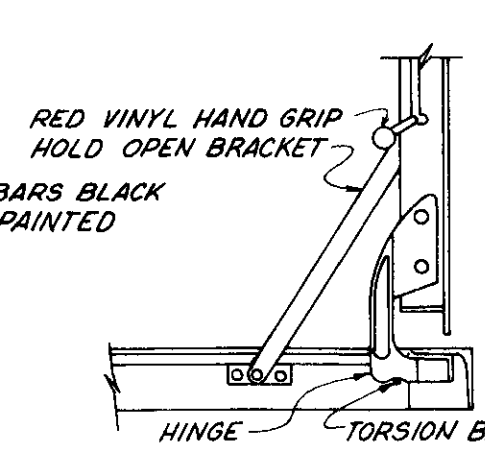


SECTION L-L
No Scale

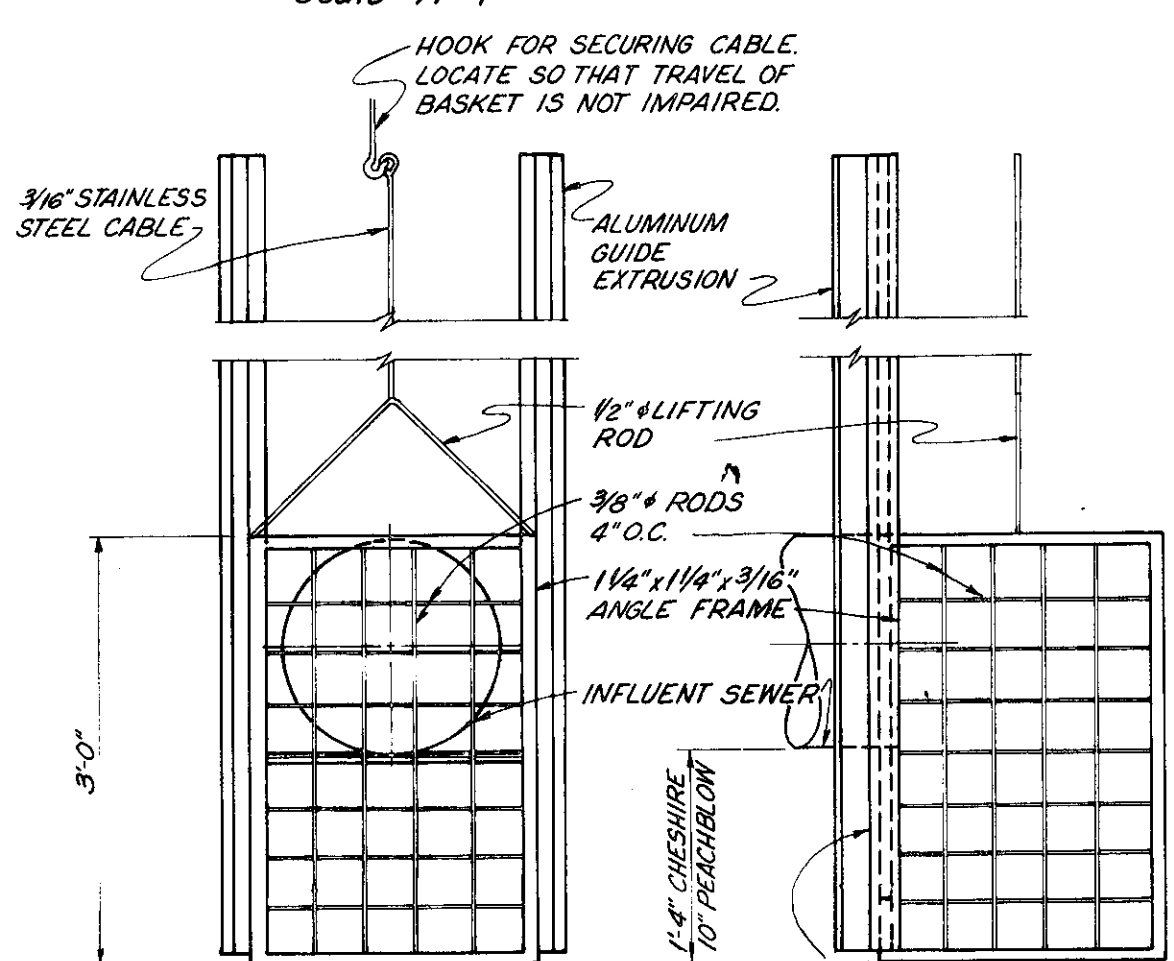
SECTION M-M
No Scale



PLAN
Scale: 3/4\"/>



SECTION H-H
No Scale

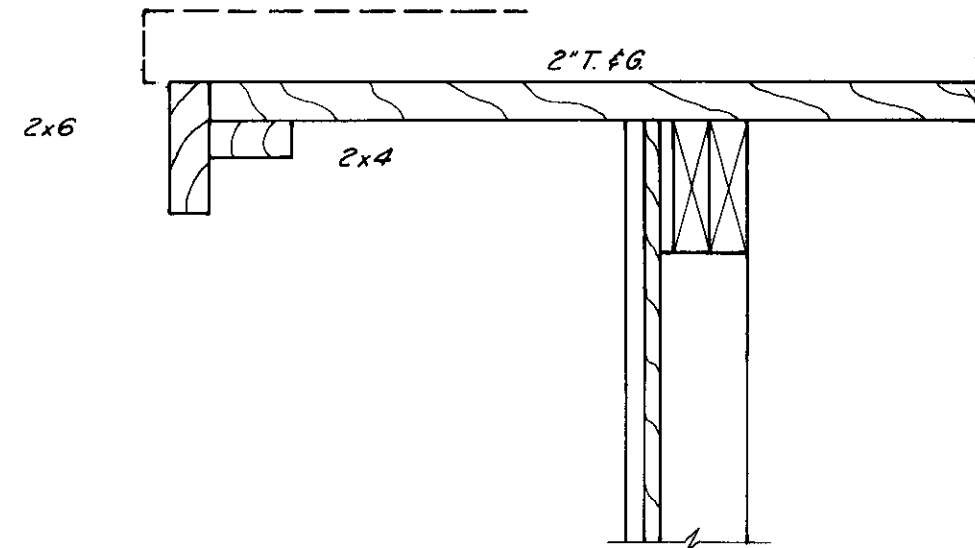


ELEVATION
Scale: 3/4\"/>

SIDE
Scale: 3/4\"/>

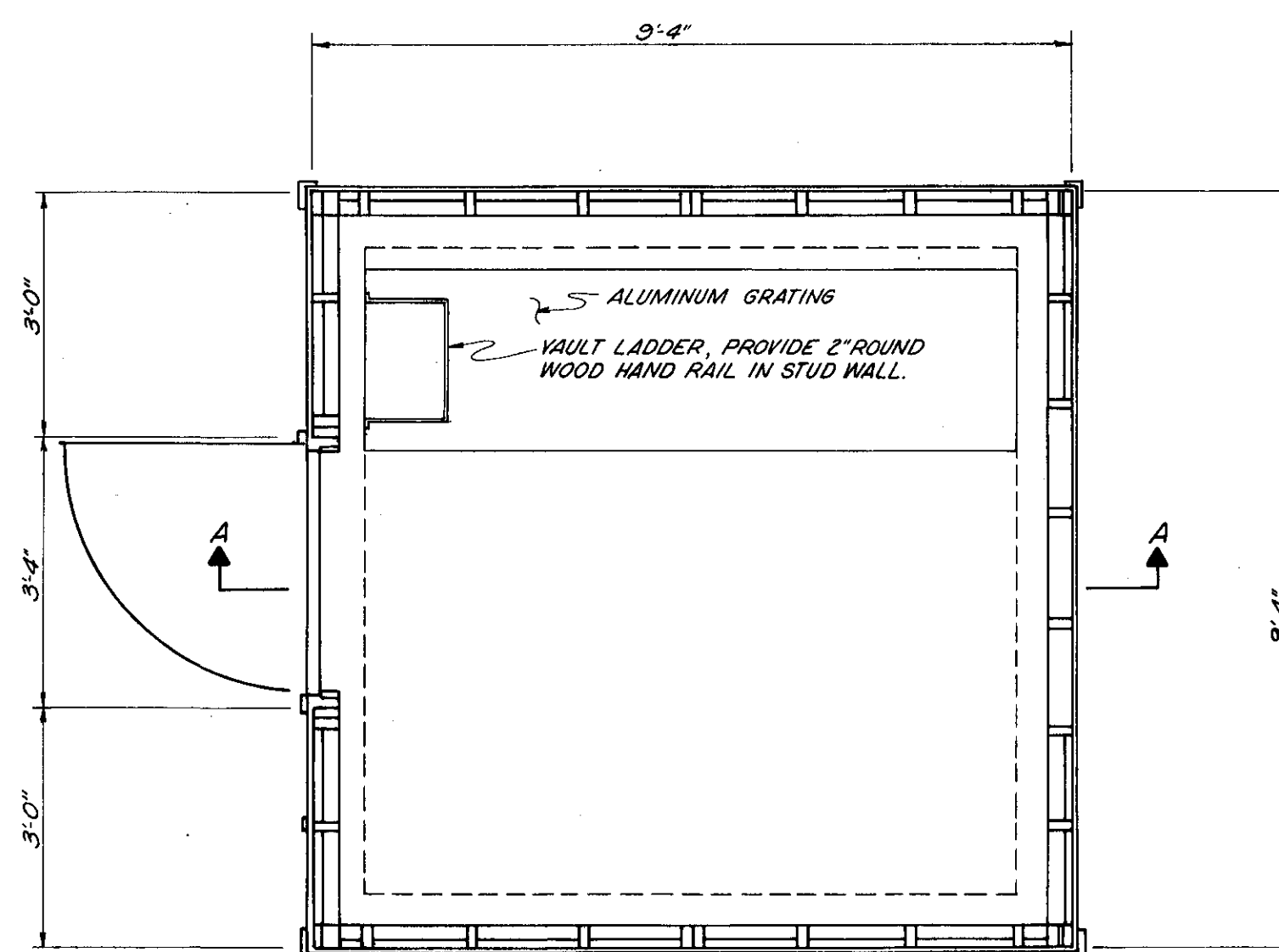
NOTES: WEIGHT - APPROX. 64 LBS.
LOAD RATING - 150 LBS./SQ. FT.
MATERIAL - ALUMINUM FRAME AND COVER PLATE. BLACK ENAMEL PAINTED TORSION BARS. CADMIUM PLATED C.I. HINGES. BRONZE HASP AND STAPLE.

REVISED 4-80 AS CONSTRUCTED THE INFORMATION SHOWN HEREON IS INTENDED TO BE COMPLETE AND ACCURATE. HOWEVER, ALL PARTS SHALL VERIFY INFORMATION TAKEN FROM THIS DRAWING.

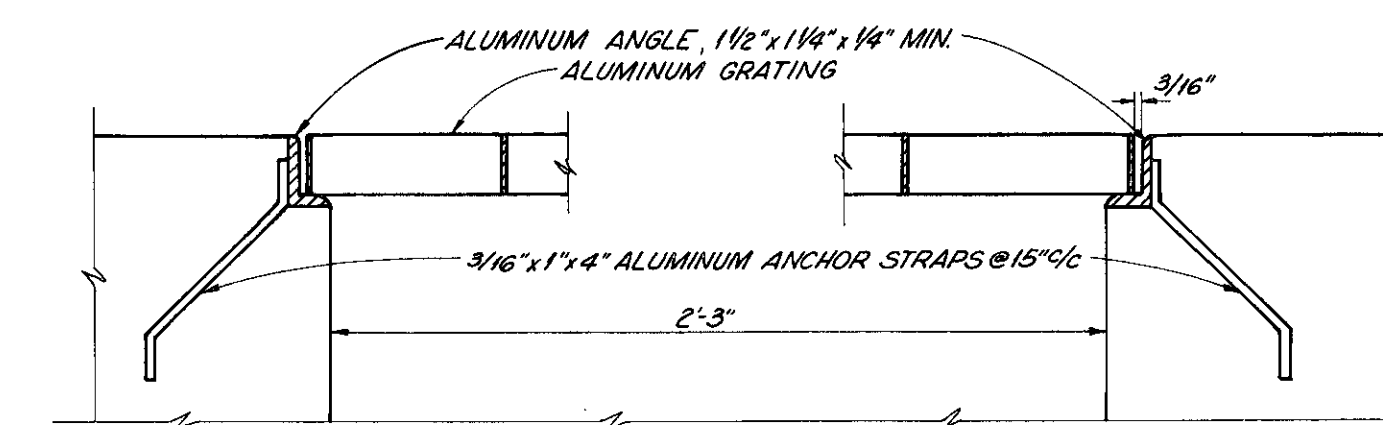


RAKE SECTION
Scale: 1/2"=1'

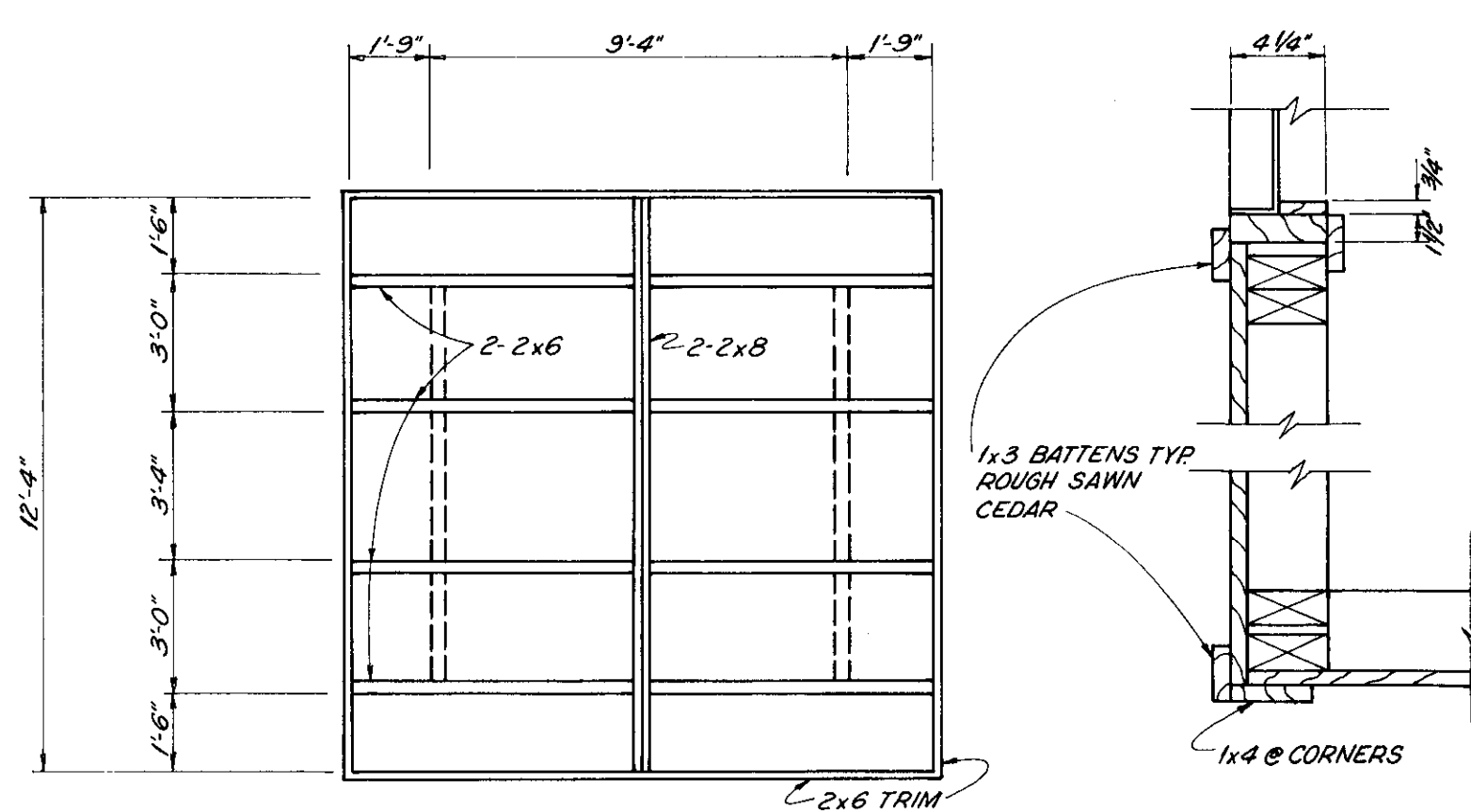
NOTE: SEE SITE PLAN FOR BUILDING ORIENTATION.



PLAN
Scale: 1/2"=1'

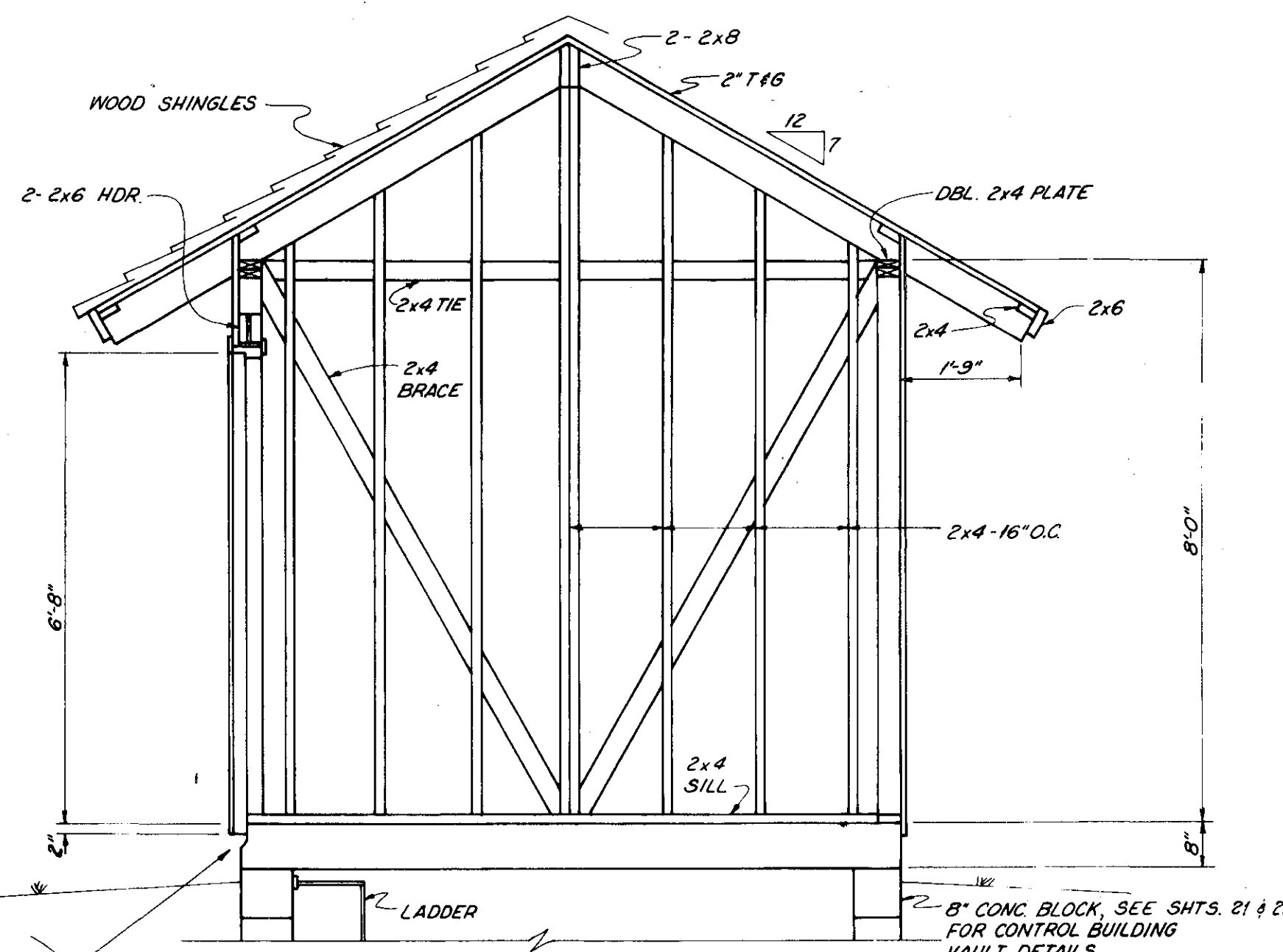


ALUMINUM GRATING DETAIL
No Scale

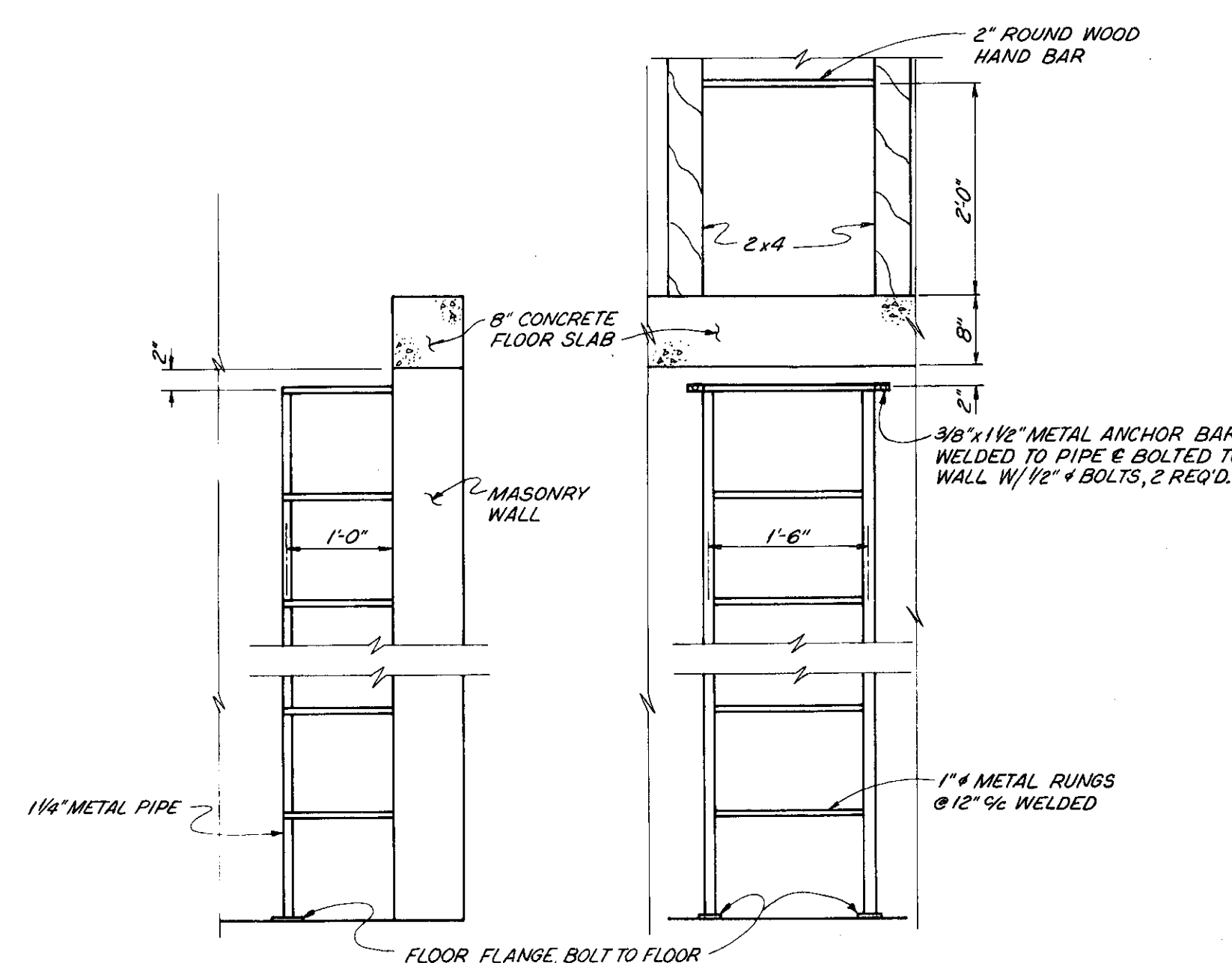


ROOF FRAMING PLAN
Scale: 1/4"=1'

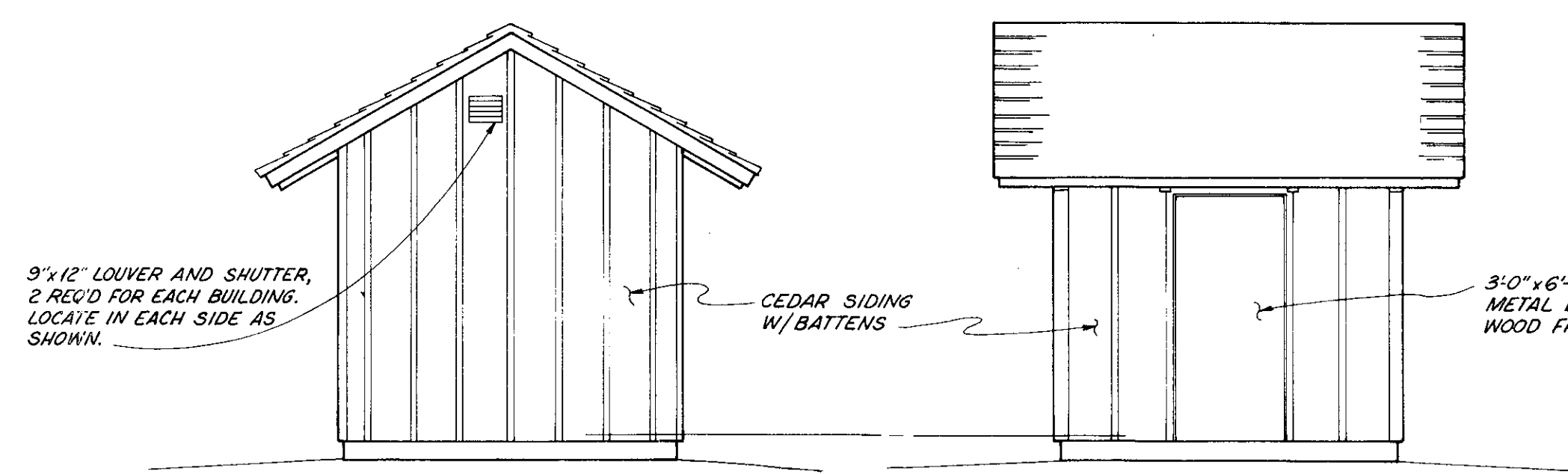
TYPICAL CORNER
Scale: 1/2"=1'



SECTION A-A
Scale: 1/2"=1'



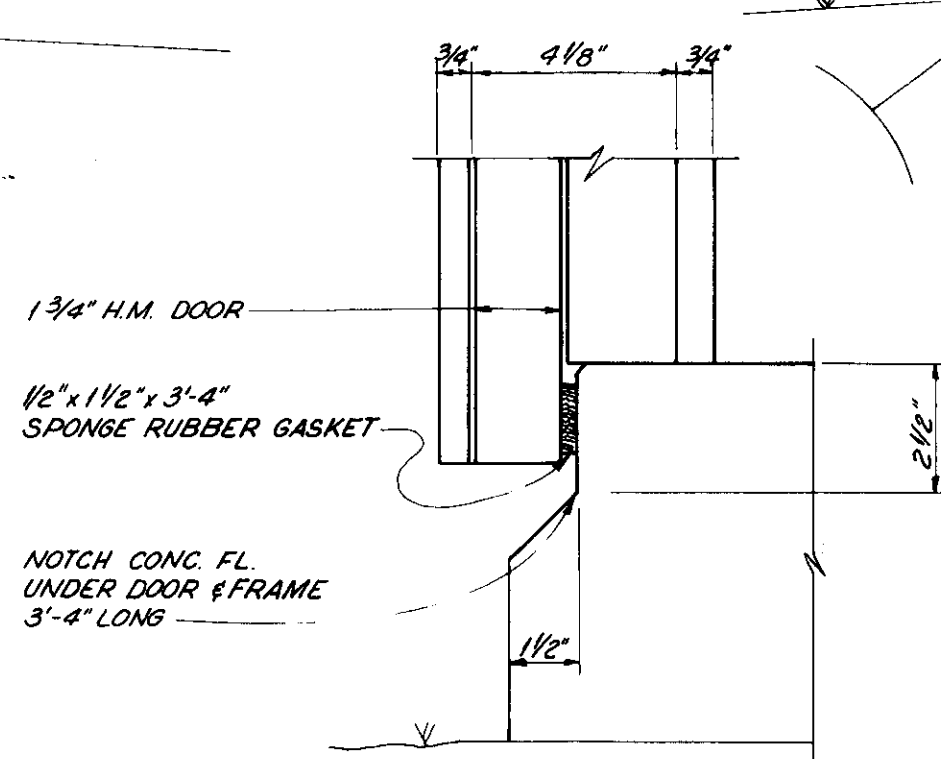
LADDER DETAILS
No Scale



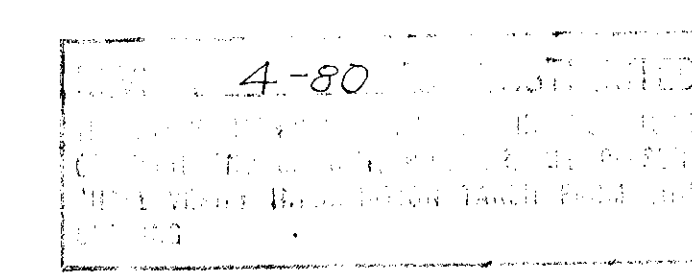
SIDE

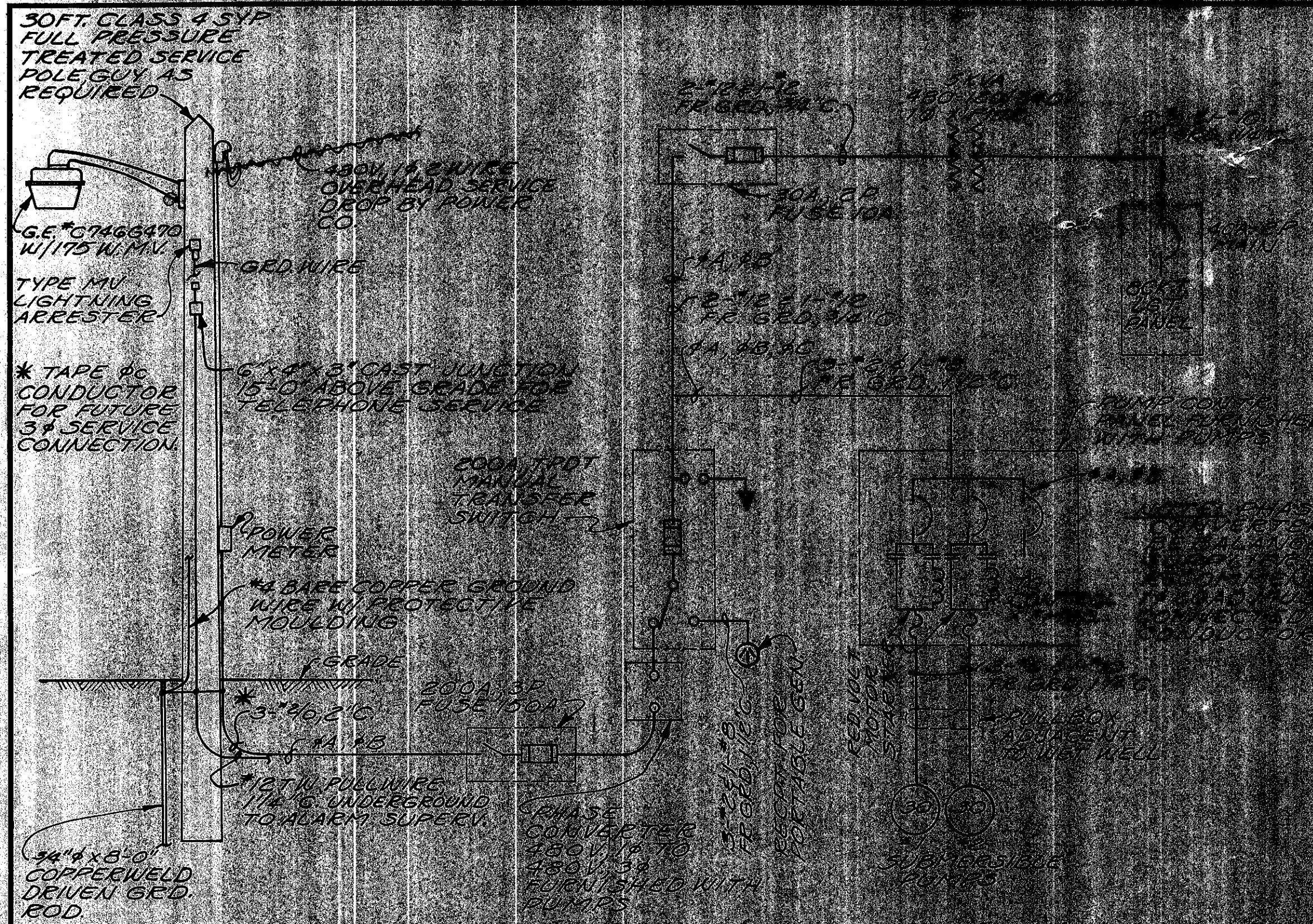
FRONT

ELEVATIONS
Scale: 1/4"=1'

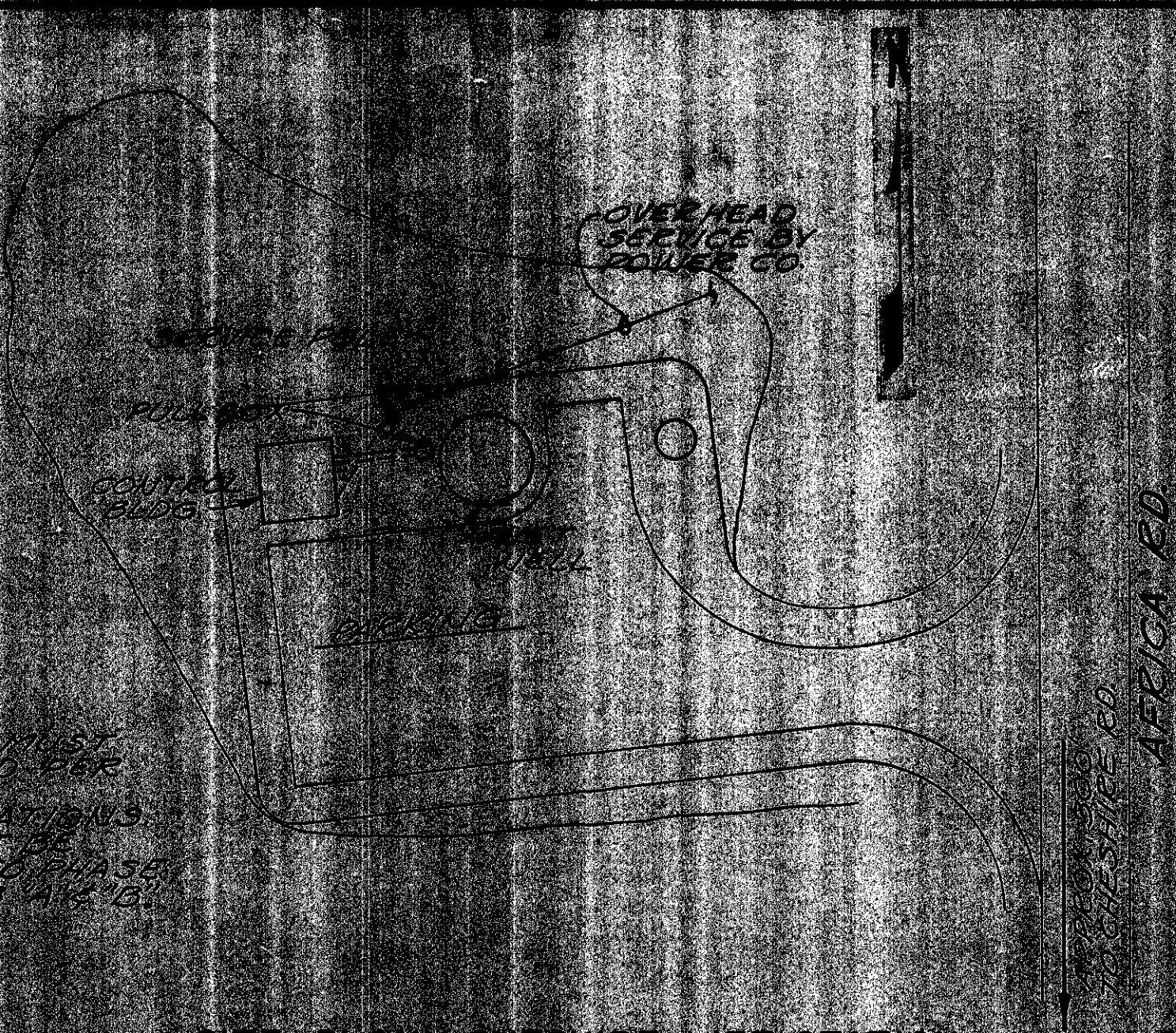


DETAIL
Scale: 3"=1'



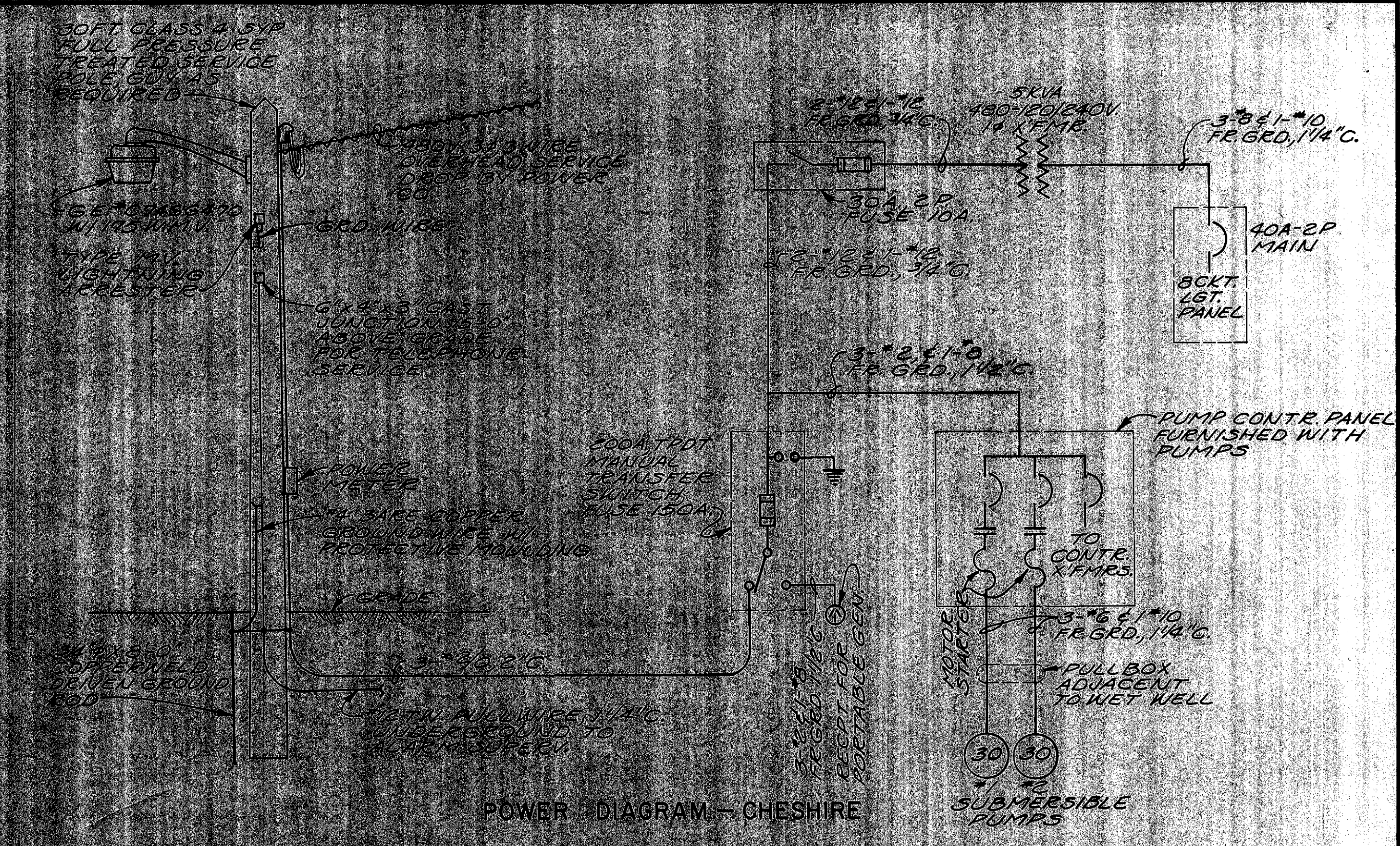


POWER DIAGRAM - PEACHBLOW

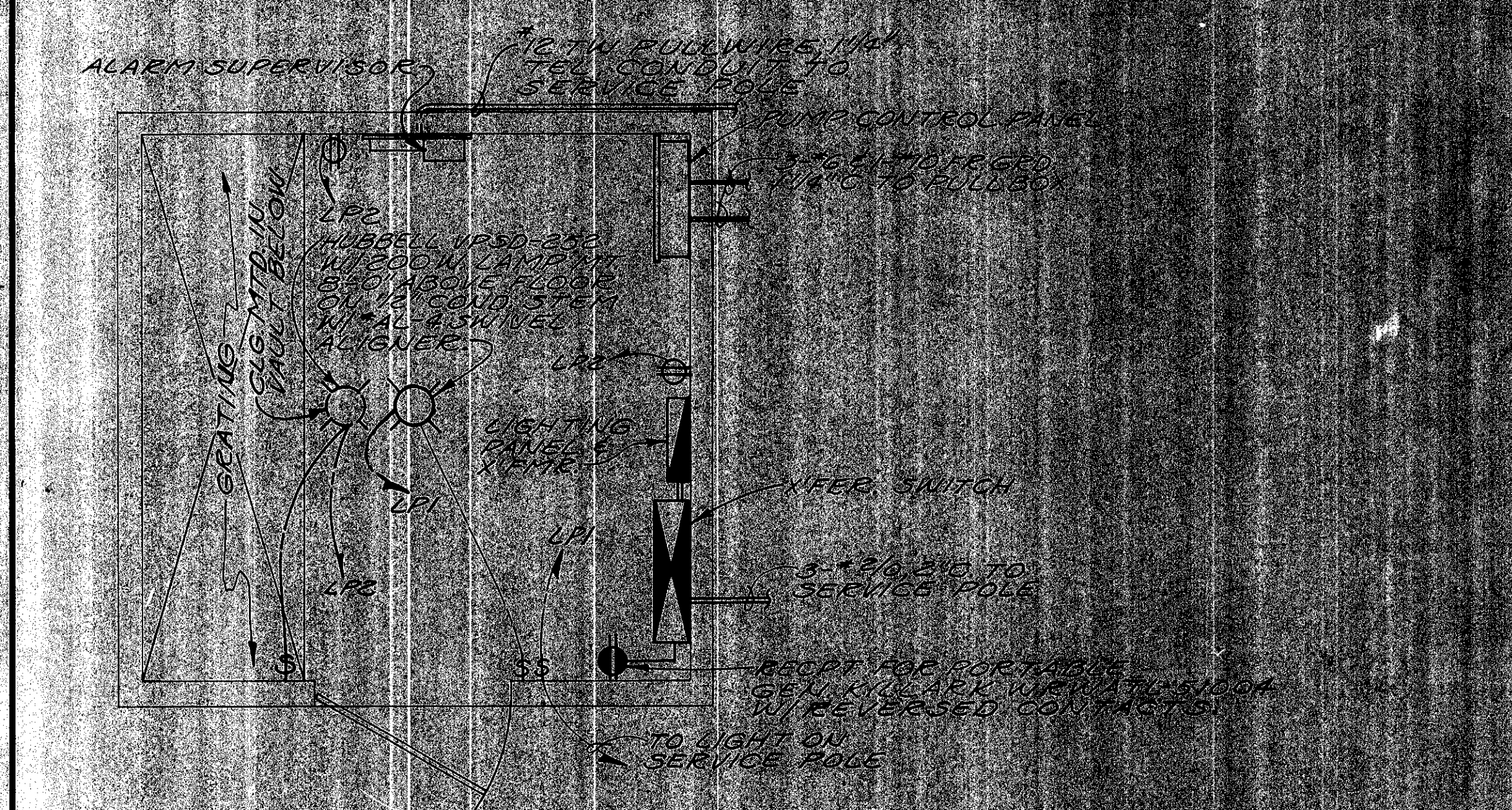


SITE PLAN - CHESHIRE LIFT STATION
SCALE: 1/4" = 1'-0"

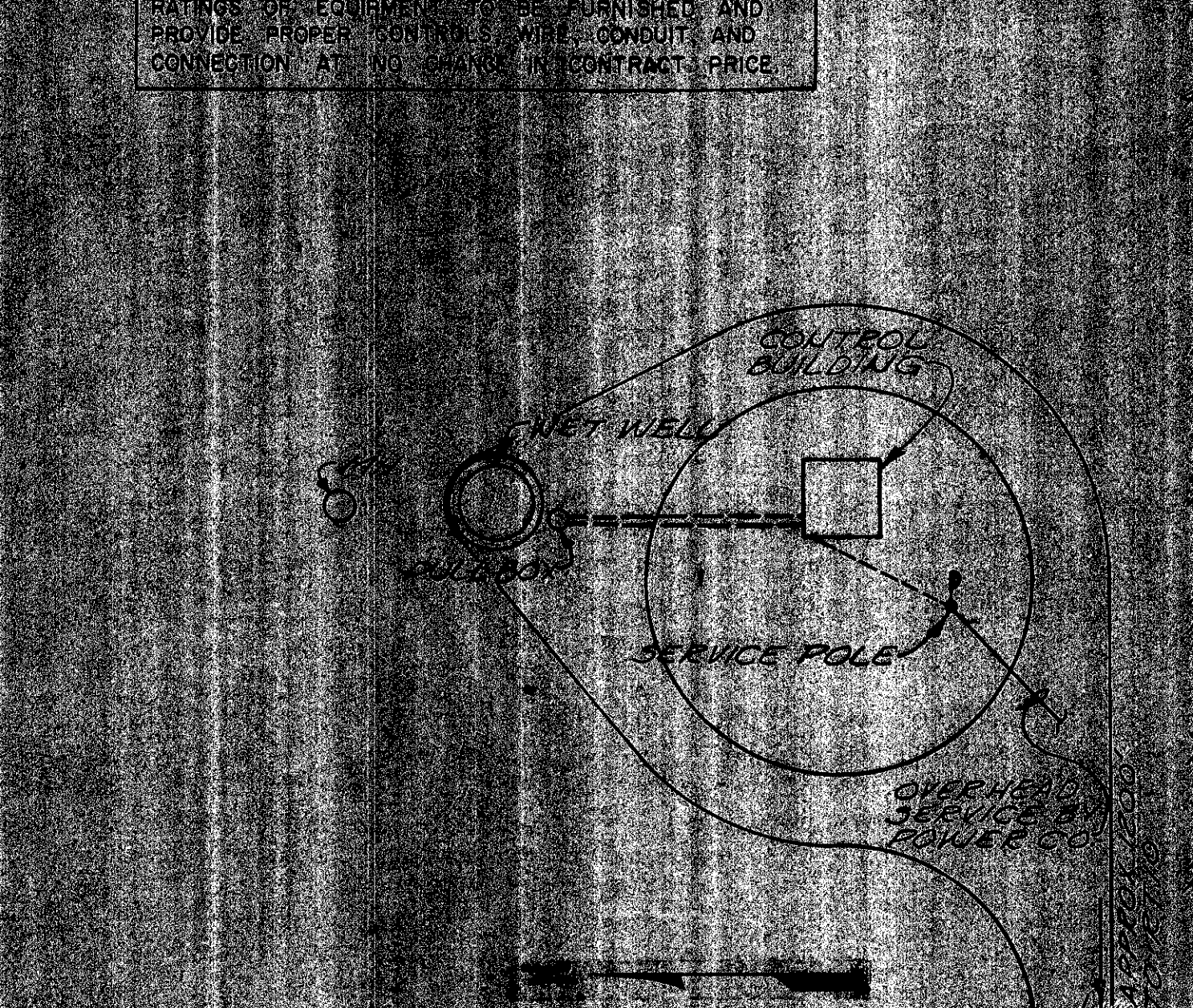
NOTE: THE HORSEPOWER SHOWN ARE ESTIMATED ONLY. THE CONTRACTOR SHALL VERIFY THE ELECTRICAL RATINGS OF EQUIPMENT TO BE FURNISHED AND PROVIDE PROPER CONDUIT, WIRE, CONDUIT, AND CONNECTION AT HIS OWN RISK IN CONTRACT PRICE.



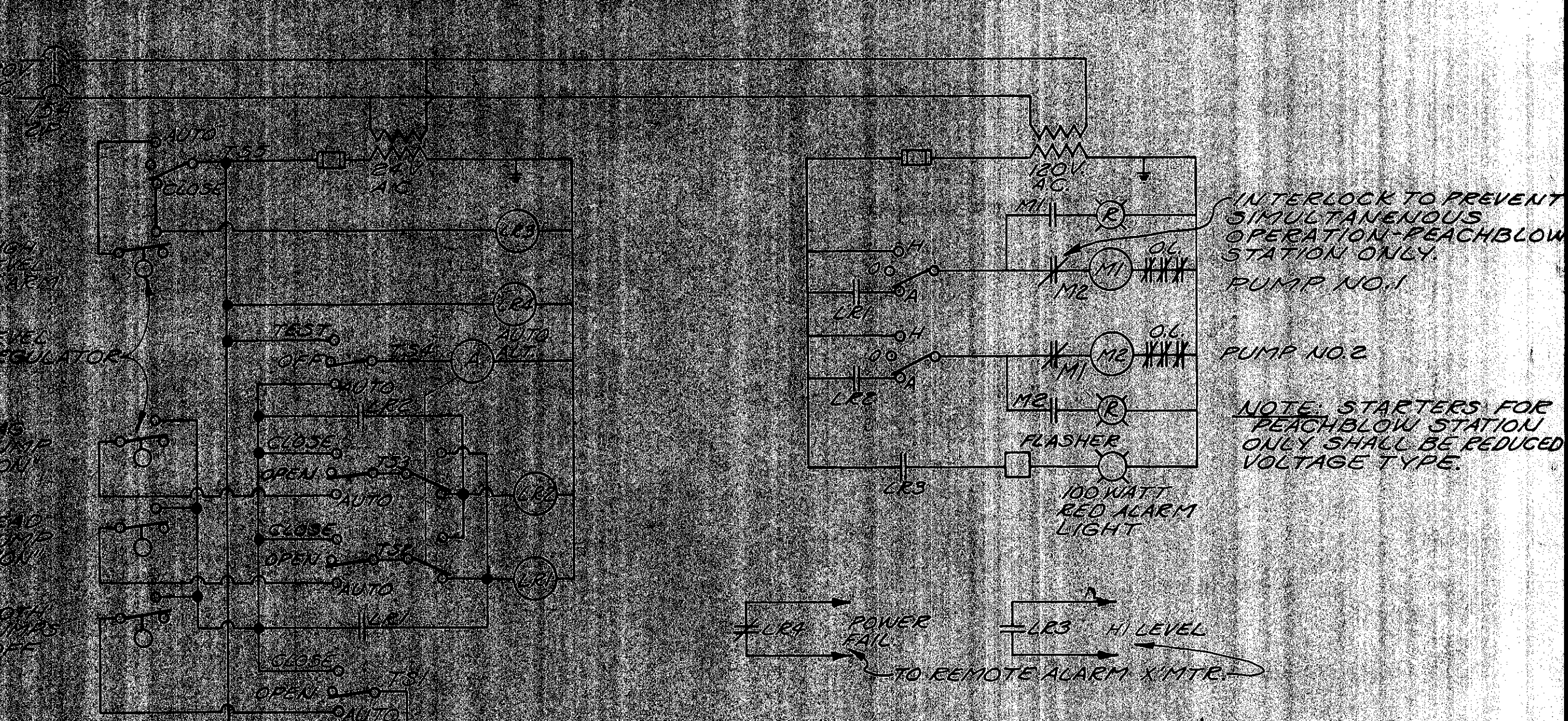
POWER DIAGRAM - CHESHIRE



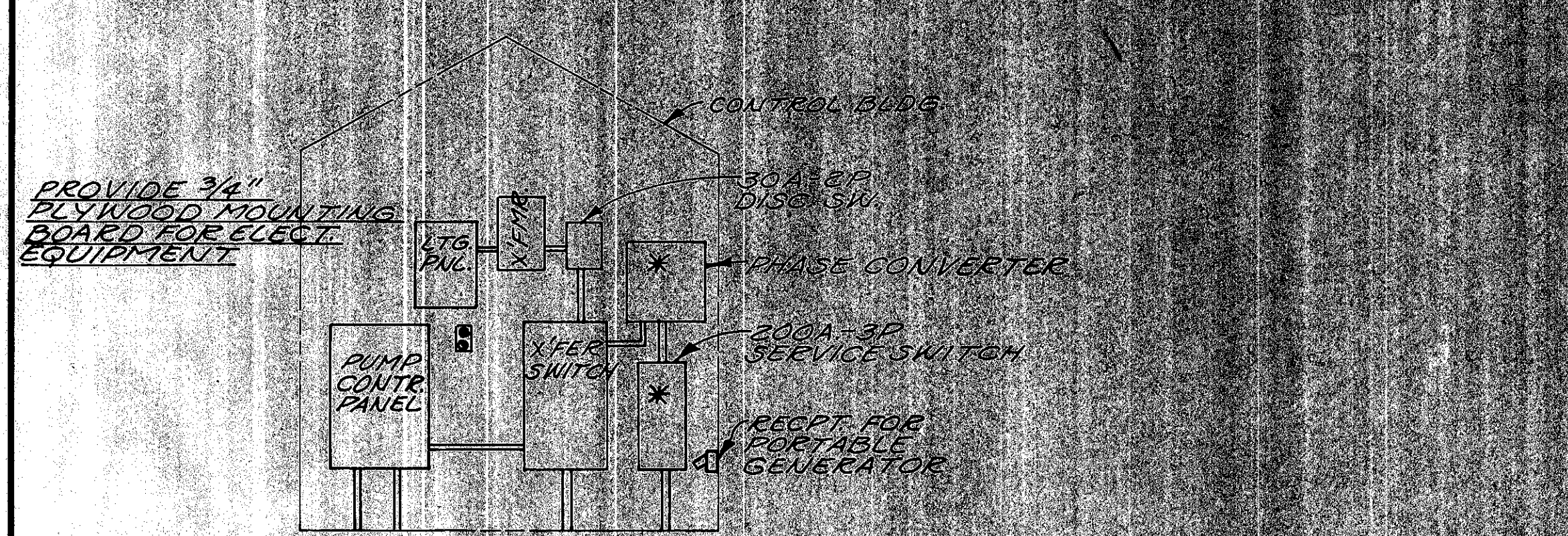
CONTROL BUILDING - PLAN
SCALE: 1/2" = 1'-0"



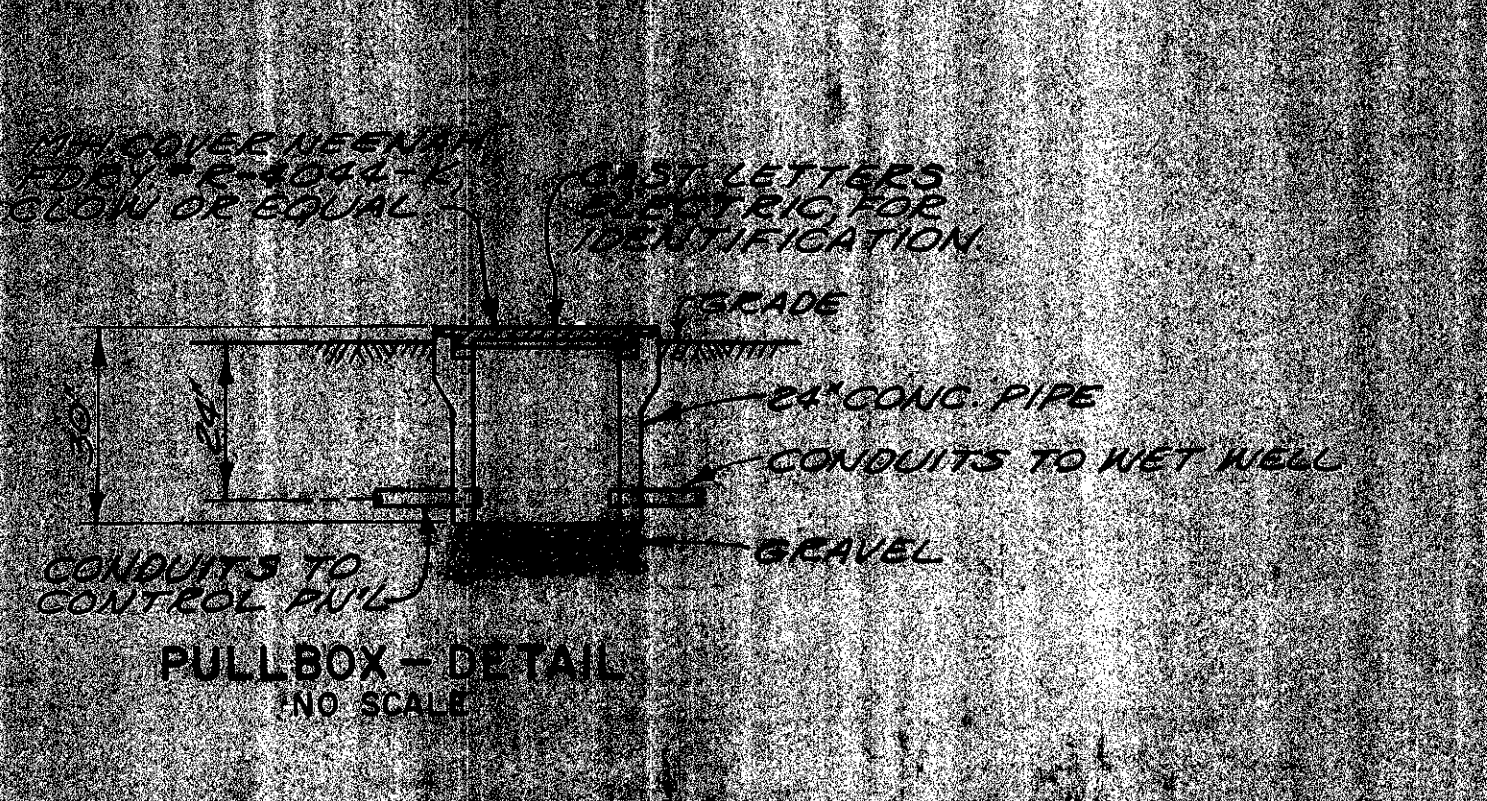
SITE PLAN - PEACHBLOW LIFT STATION
SCALE: 1/4" = 1'-0"



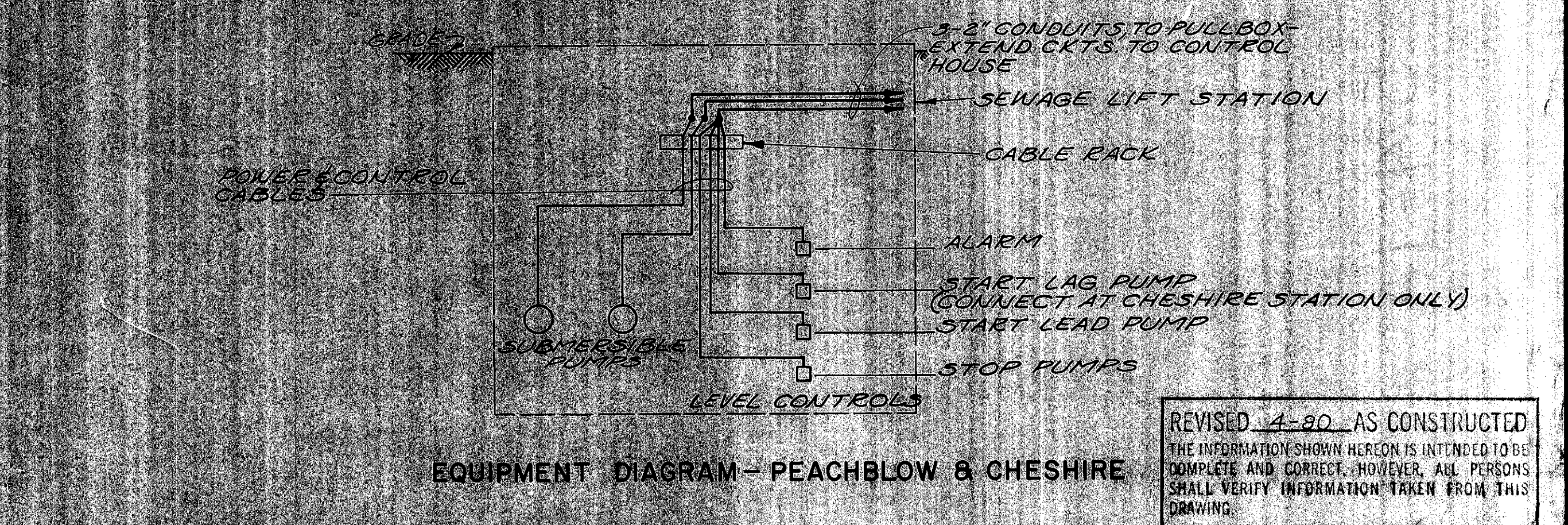
PUMP CONTROL DIAGRAM - PEACHBLOW & CHESHIRE
(FURNISHED WITH PUMPS)



ELEVATION OF ELECTRICAL EQUIPMENT
SCALE: 3/8" = 1'-0"

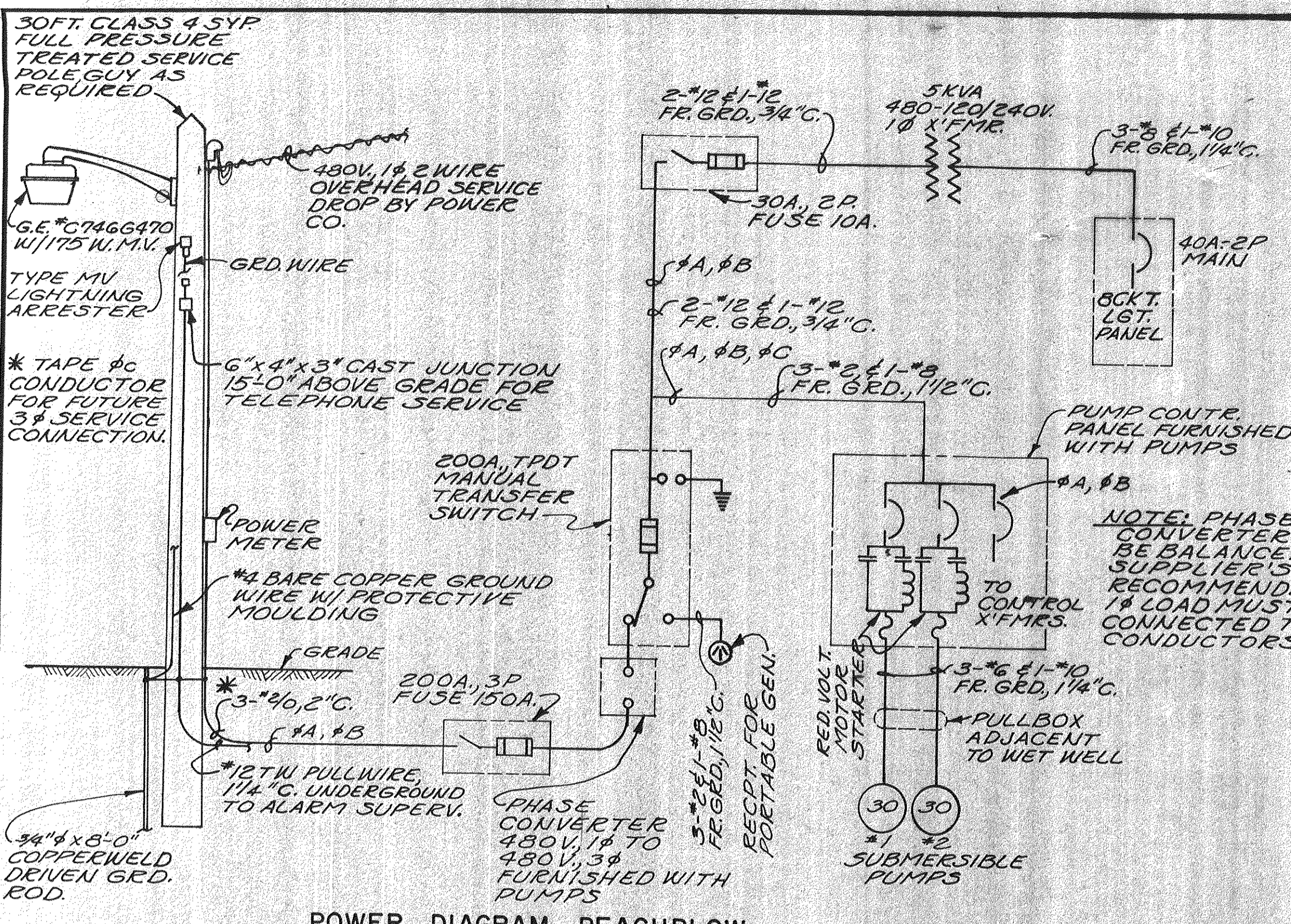


PULL BOX - DETAIL
NO SCALE

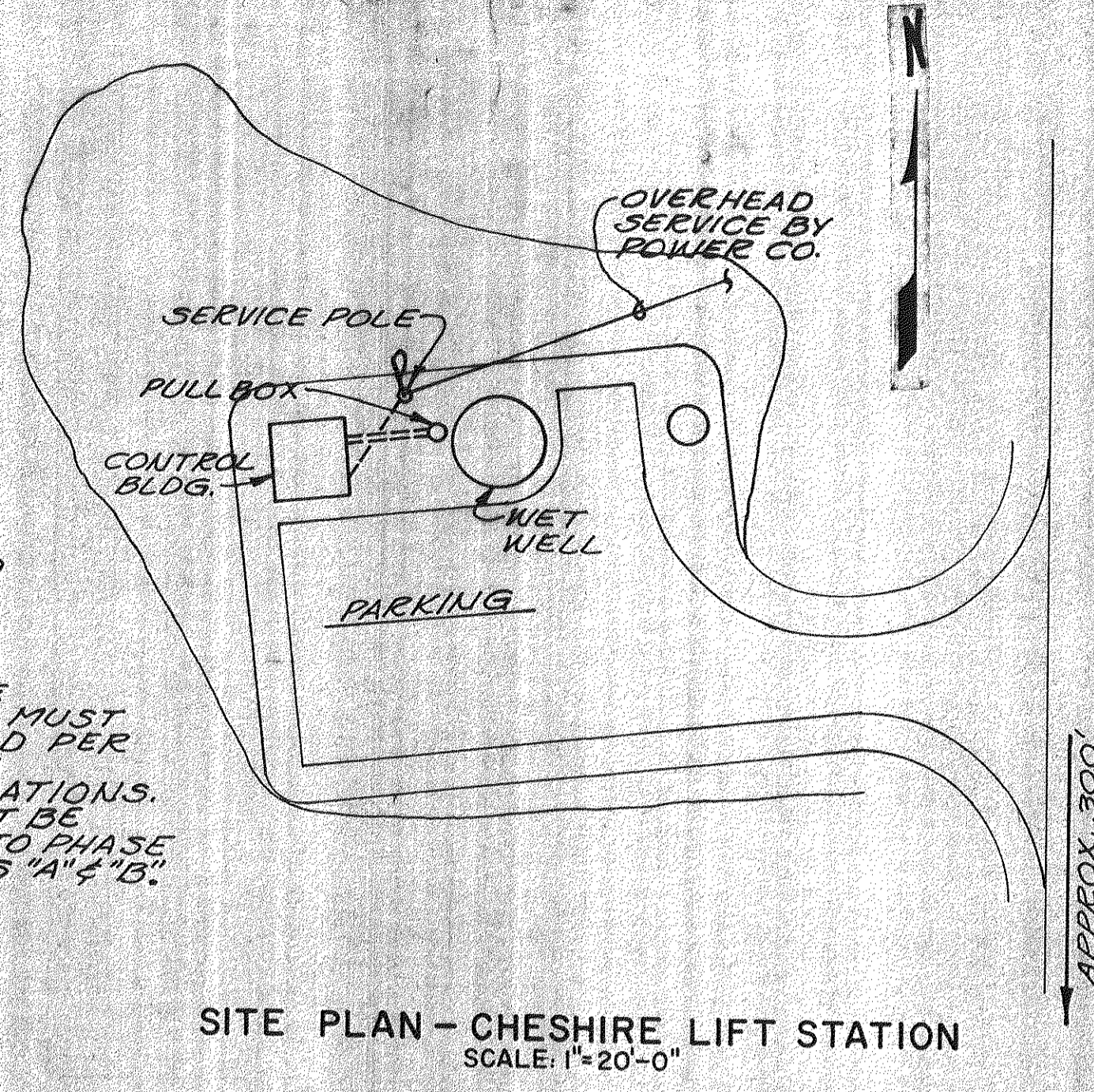


EQUIPMENT DIAGRAM - PEACHBLOW & CHESHIRE

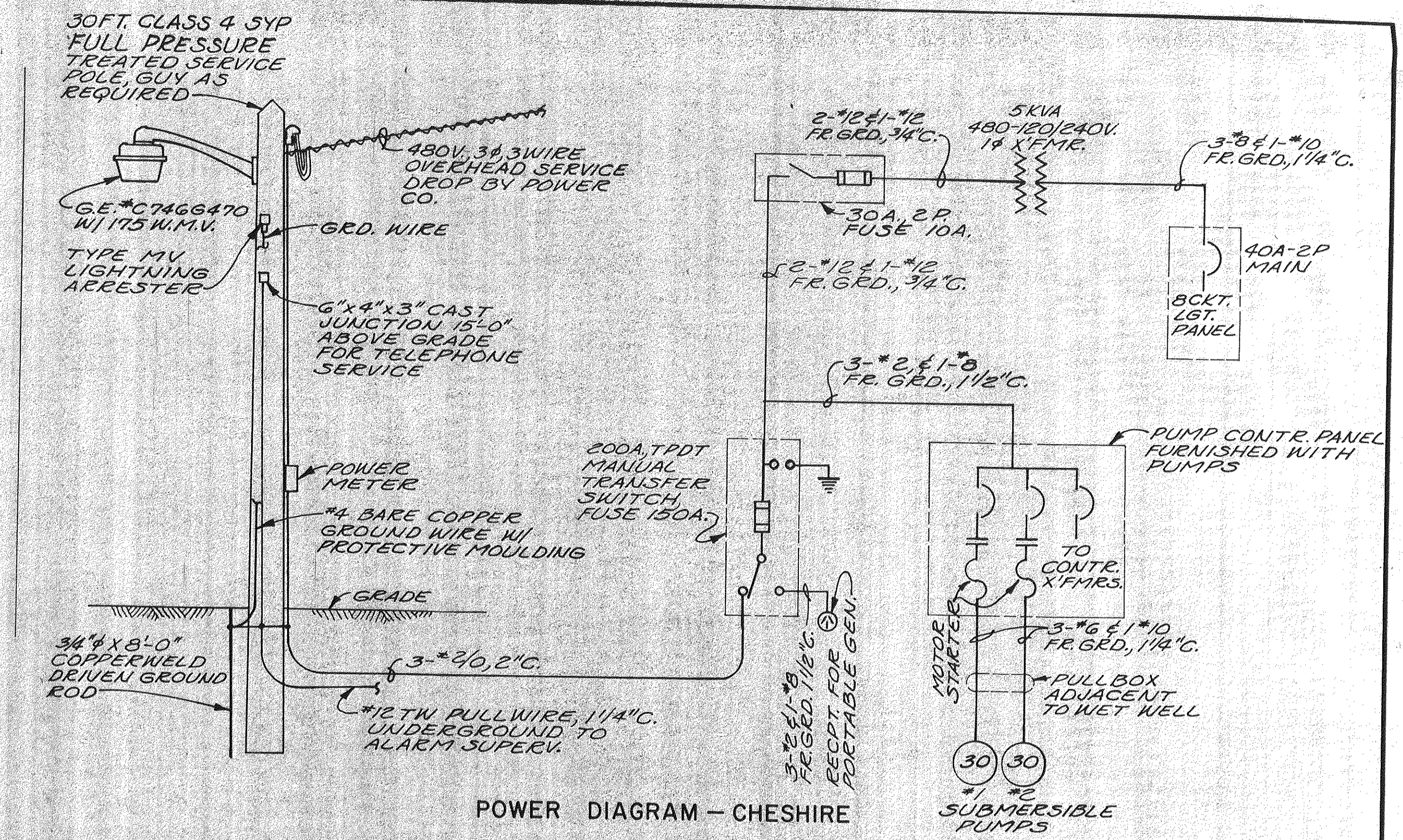
REVISED 4-80 AS CONSTRUCTED
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POWER DIAGRAM - PEACHBLOW

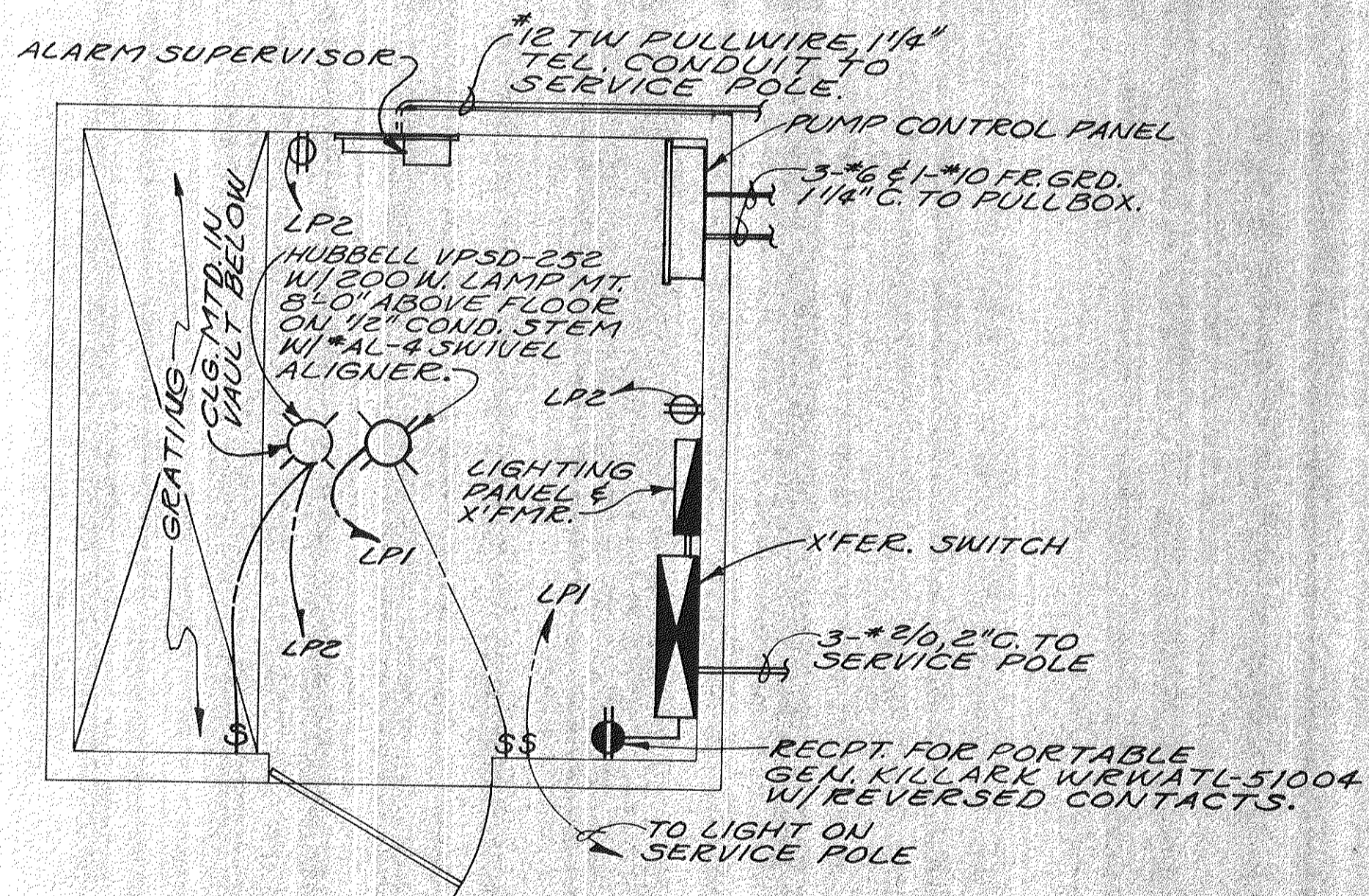


SITE PLAN - CHESHIRE LIFT STATION
SCALE: 1"=20'-0"

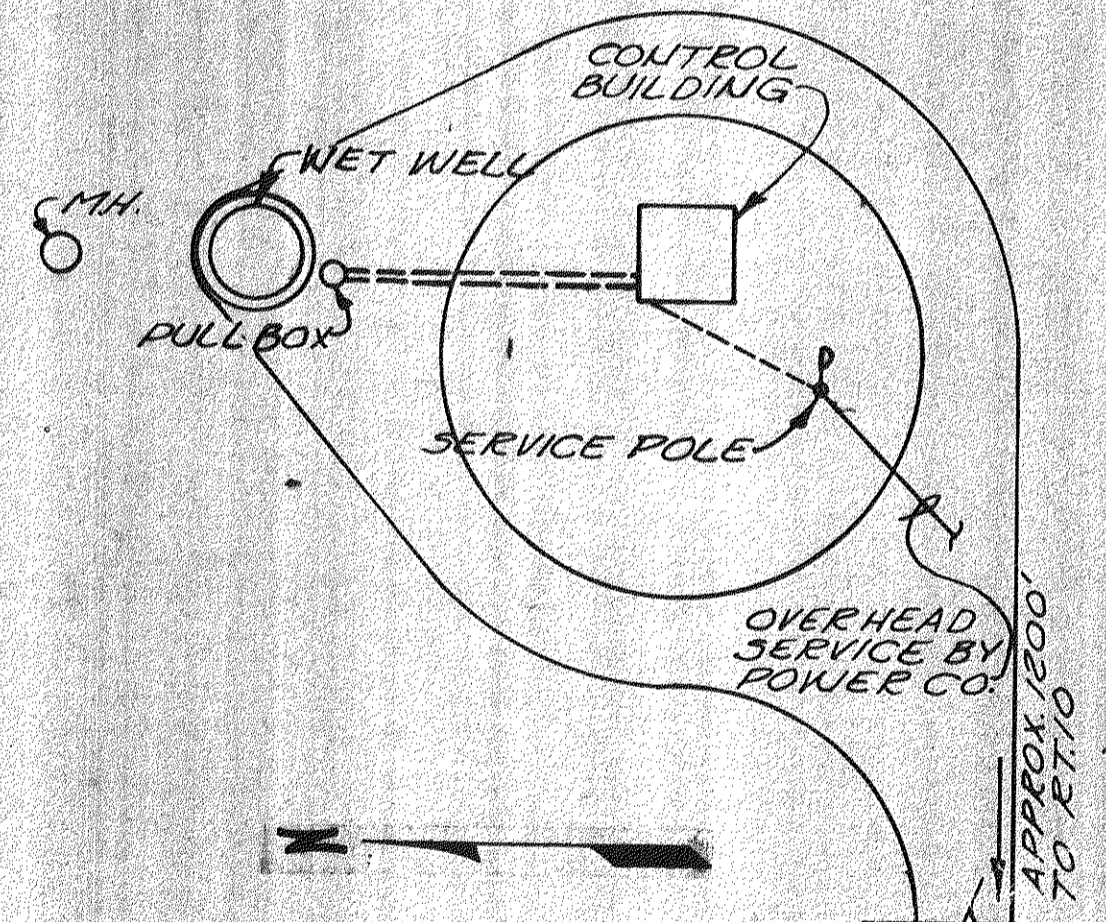


POWER DIAGRAM - CHESHIRE

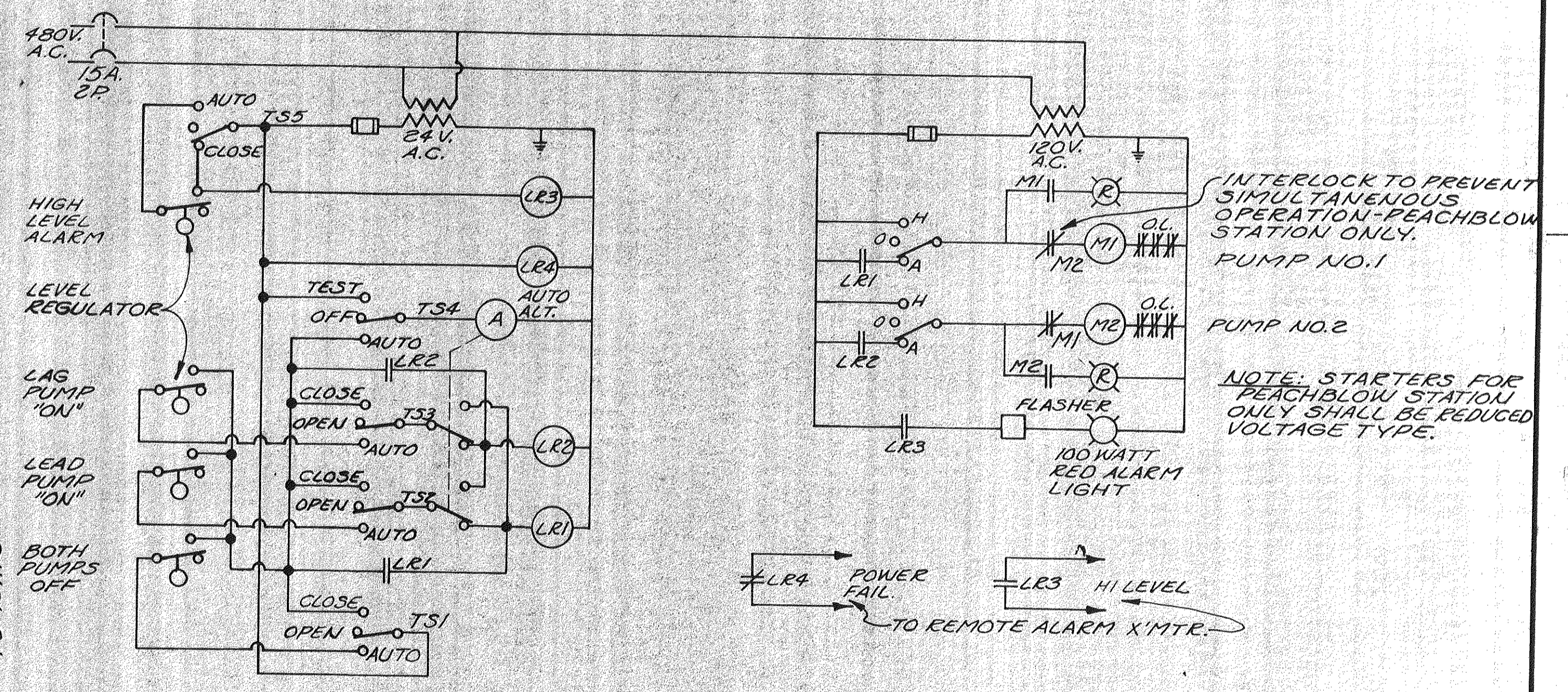
NOTE:
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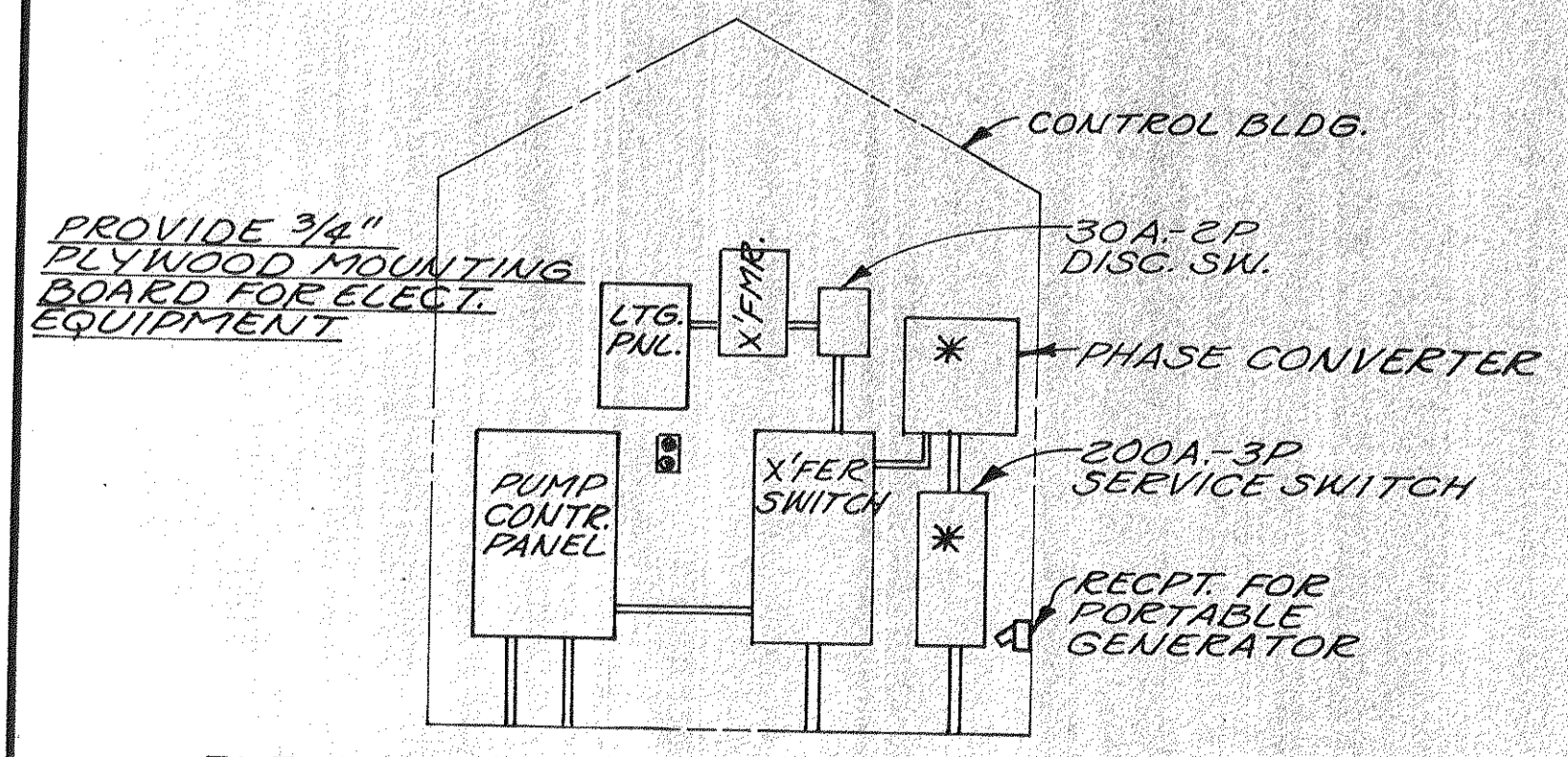
CONTROL BUILDING - PLAN
SCALE: 1/2"=1'-0"



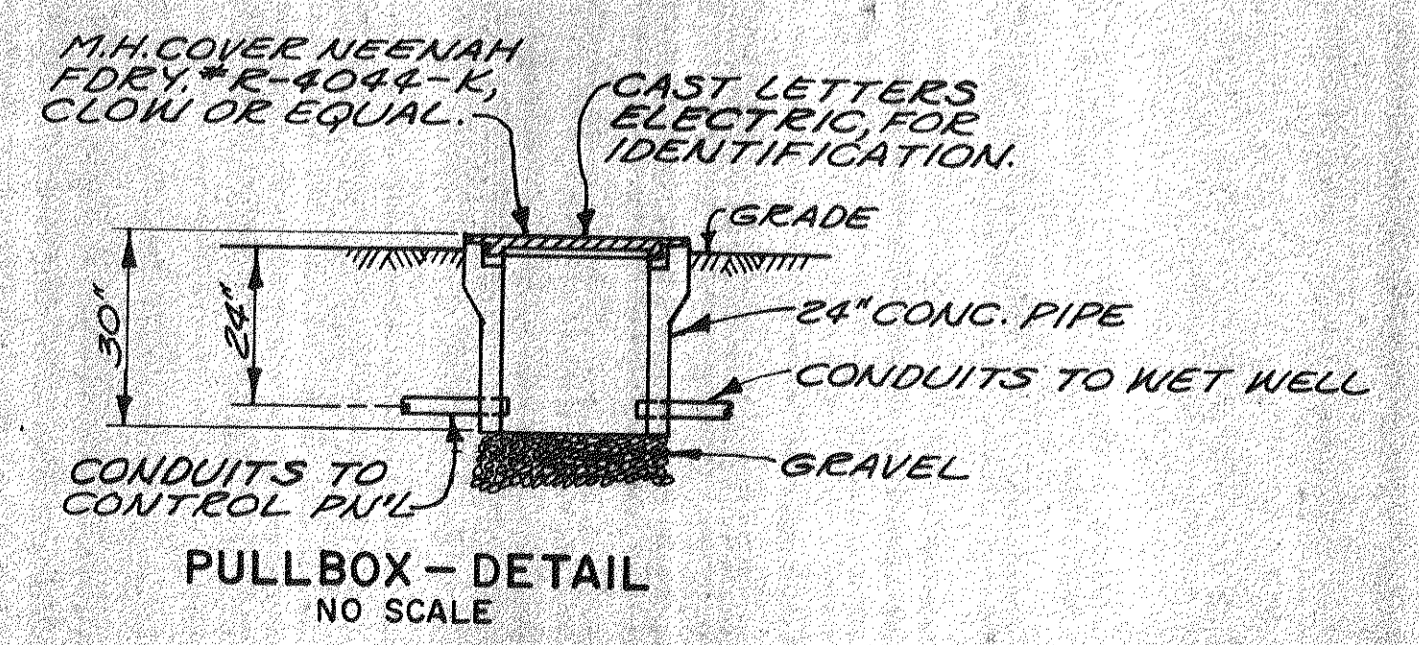
SITE PLAN - PEACHBLOW LIFT STATION
SCALE: 1"=20'-0"



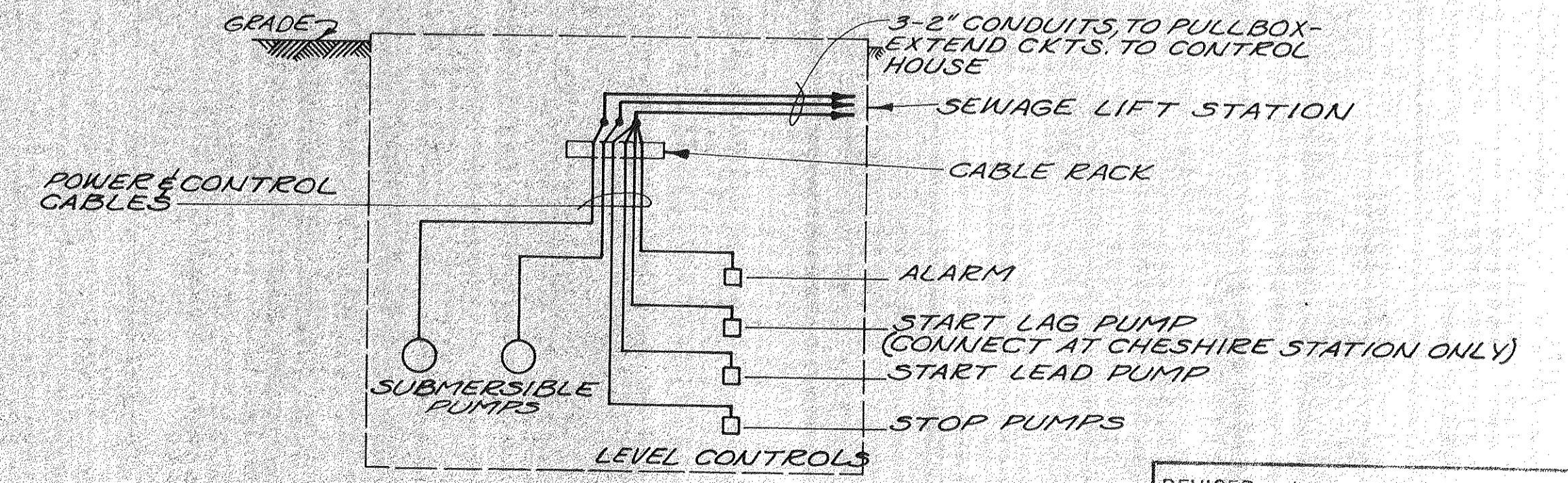
PUMP CONTROL DIAGRAM - PEACHBLOW & CHESHIRE
(FURNISHED WITH PUMPS)



ELEVATION OF ELECTRICAL EQUIPMENT
SCALE: 3/8"=1'-0"



PULLBOX - DETAIL
NO SCALE



EQUIPMENT DIAGRAM - PEACHBLOW & CHESHIRE

REVISED 4-80 AS CONSTRUCTED
THE INFORMATION SHOWN HEREON IS INTENDED TO BE COMPLETE AND CORRECT, HOWEVER, ALL PERSONS SHALL VERIFY INFORMATION TAKEN FROM THIS DRAWING.

BURGESS & NIPLE, LIMITED CONSULTING ENGINEERS
COLUMBUS, OHIO

DELAWARE COUNTY, OHIO
PEACHBLOW AND CHESHIRE
PUMPING STATIONS

DESIGNED BY H.C.S.
DRAWN BY E.L.M.
CHECKED BY H.C.S.
APPROVED BY

REVISIONS
SCALE AS NOTED
JOB NO. 4230
DATE APRIL, 1975

ELECTRICAL
PLANS, DIAGRAMS & DETAILS

SHEET NO.
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