

# DELAWARE COUNTY, OHIO

## ALUM CREEK INTERCEPTOR SANITARY SEWER

CONTRACT "S 74-1"  
PART A PUMPING STATIONS

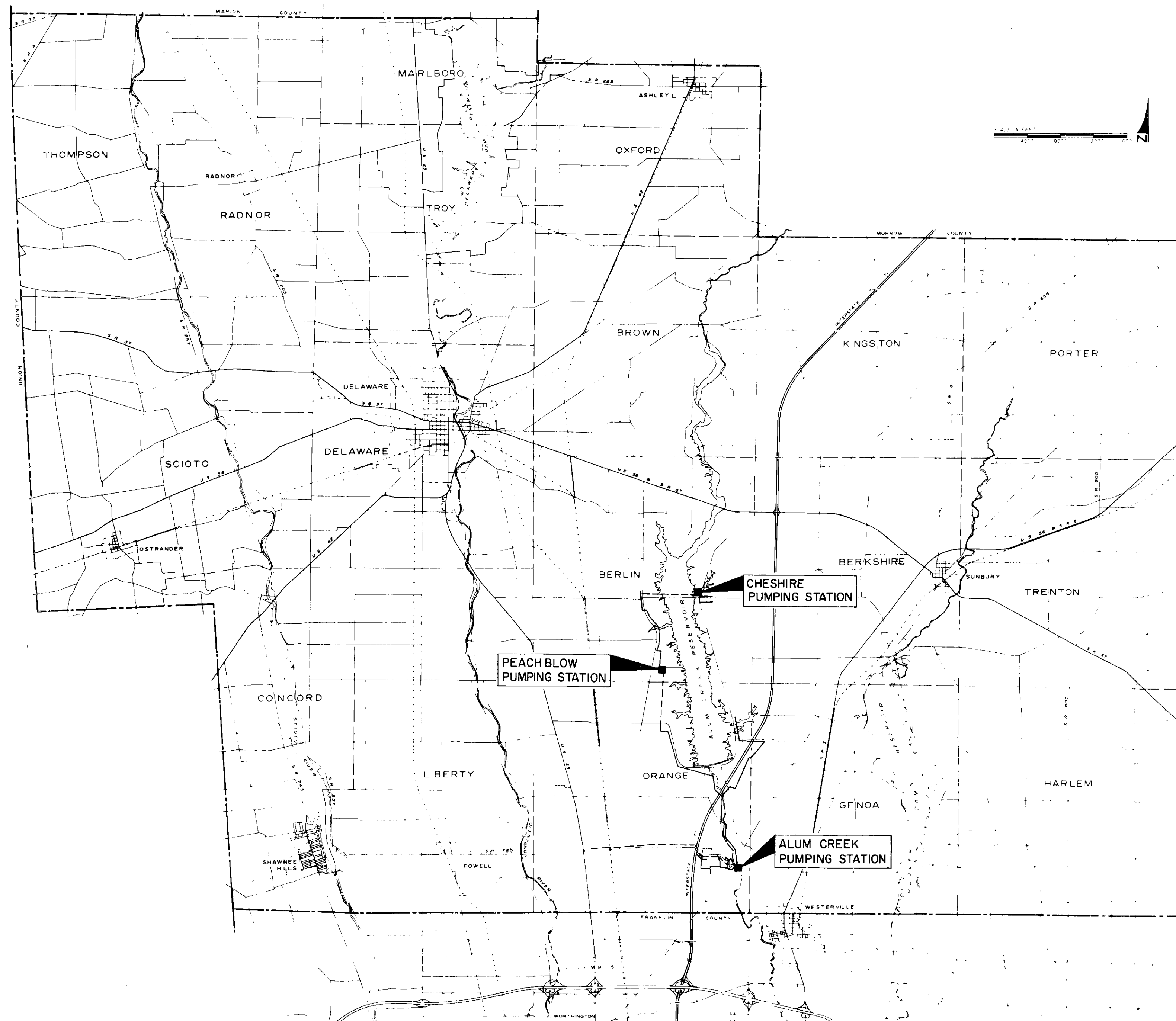
### COUNTY STAFF

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

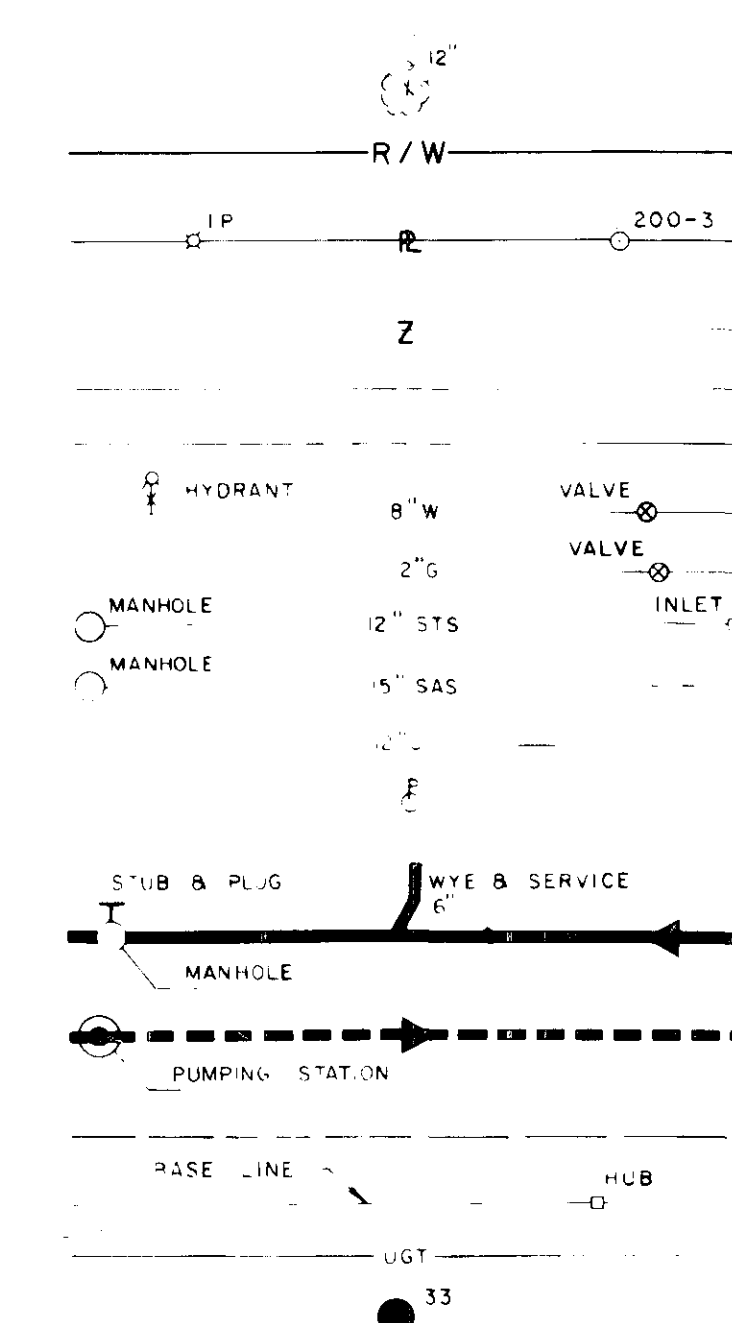
COUNTY ENGINEER  
COUNTY RECORDER  
PROSECUTING ATTORNEY  
COUNTY AUDITOR  
COUNTY TREASURER  
DIRECTOR PLANNING COMMISSION  
ASSISTANT SANITARY ENGINEER

### 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.

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

APPROVED THIS 9<sup>TH</sup> DAY OF APRIL, 1975

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

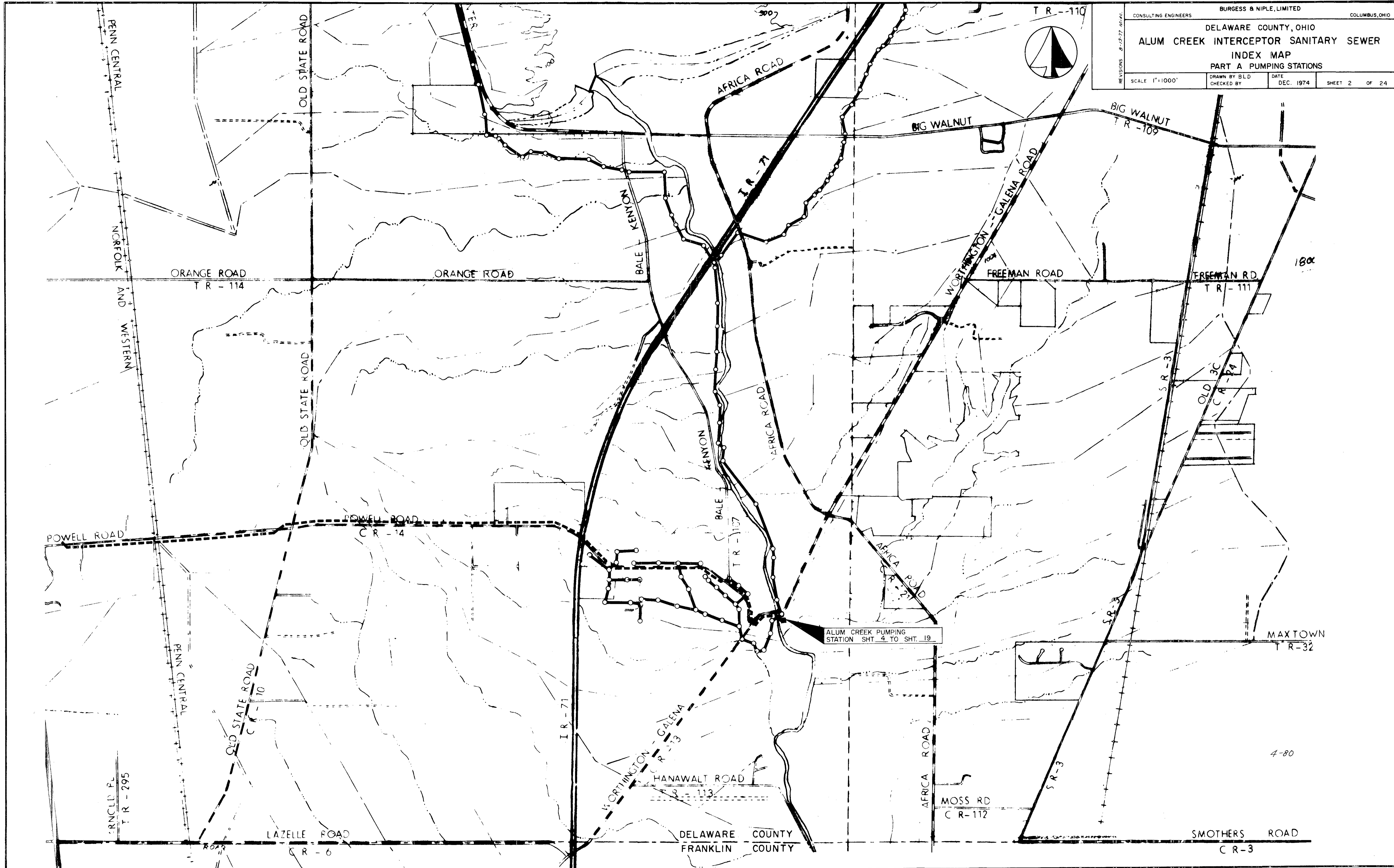
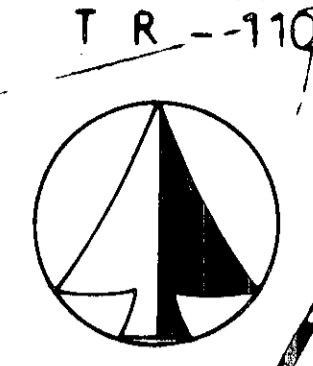
S-74-1 A

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		

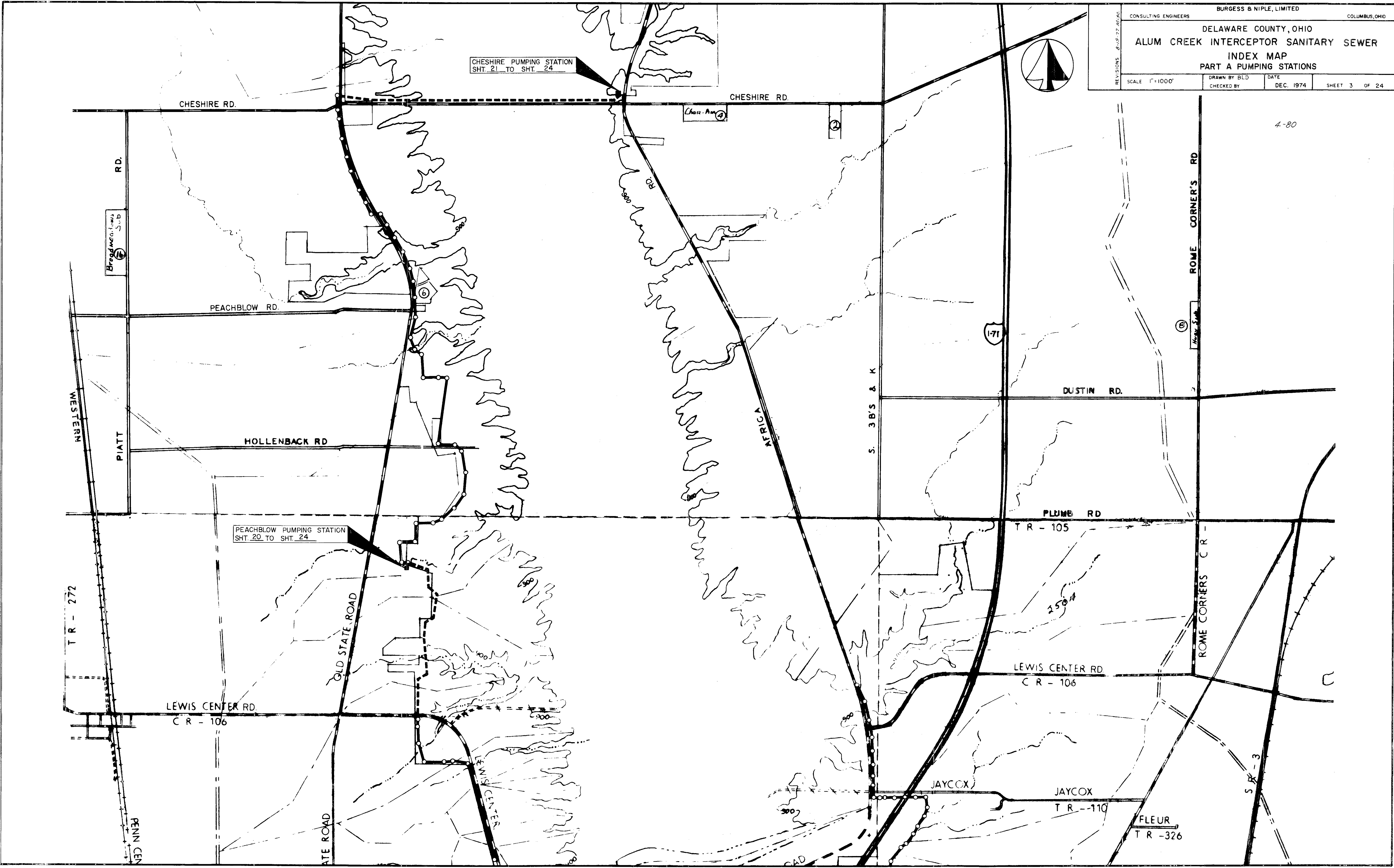
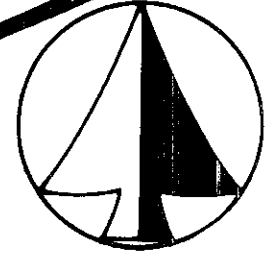


CONSULTING ENGINEERS  
 BURGESS & NIPLE, LIMITED  
 COLUMBUS, OHIO

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

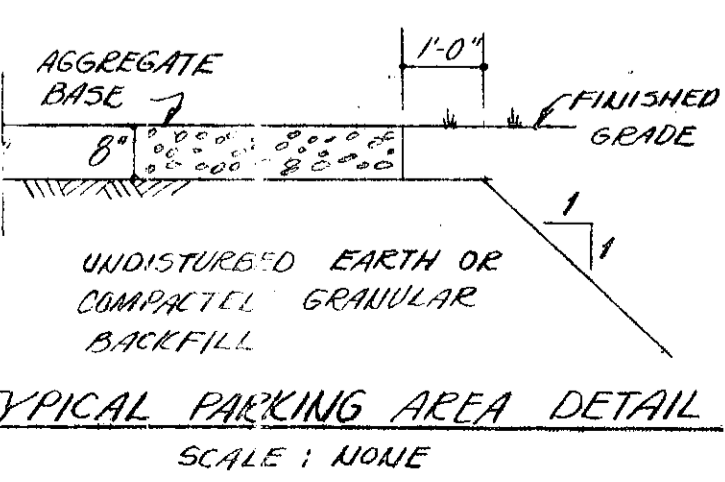
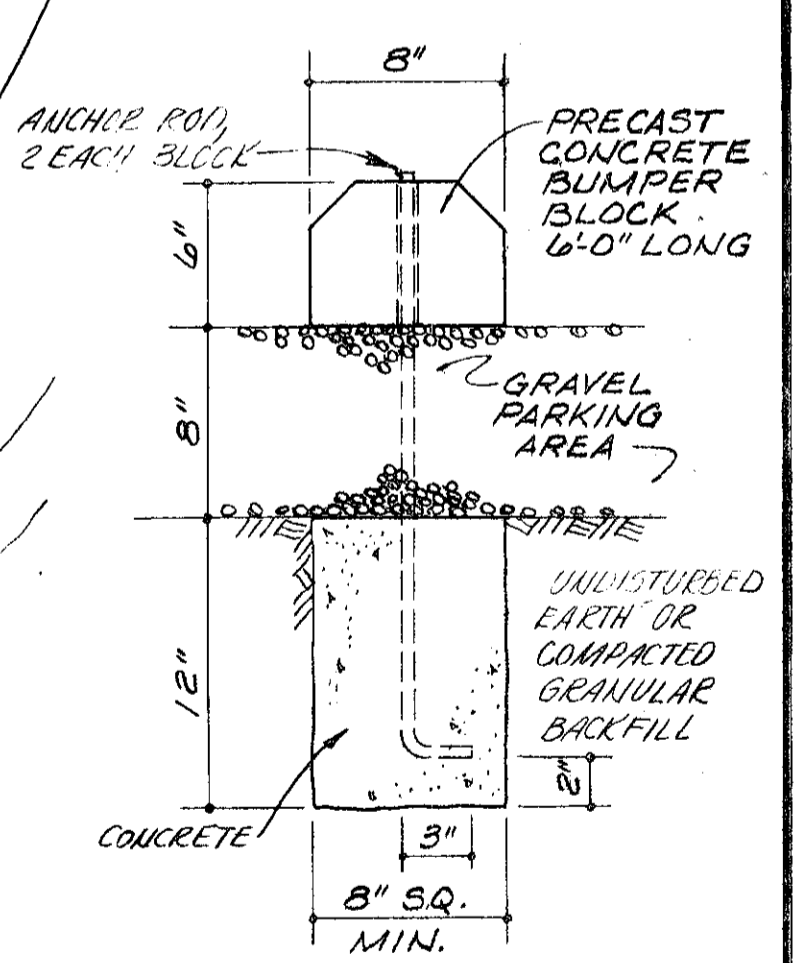
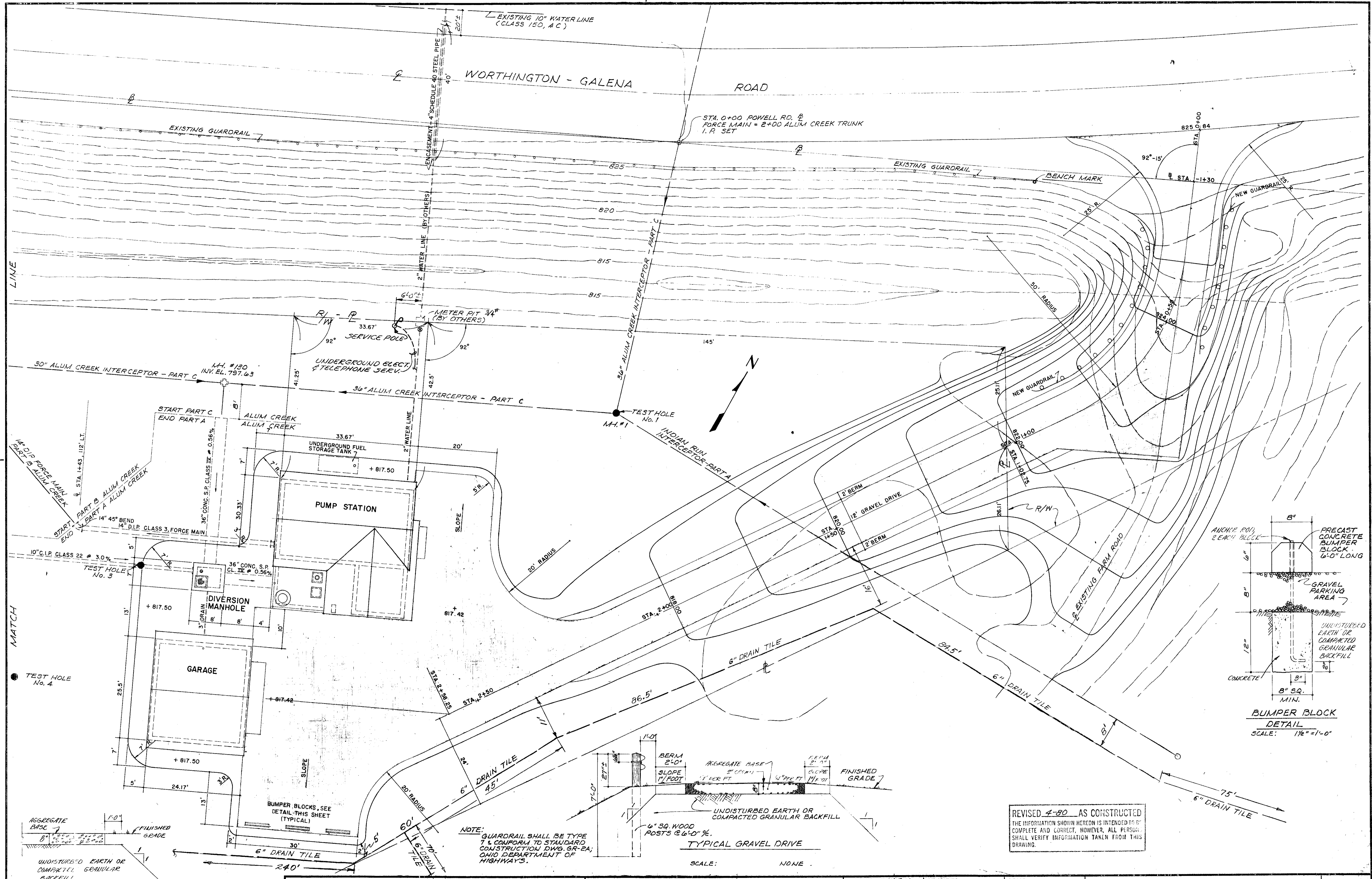
REVISIONS 6-18-77 10-26-77

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

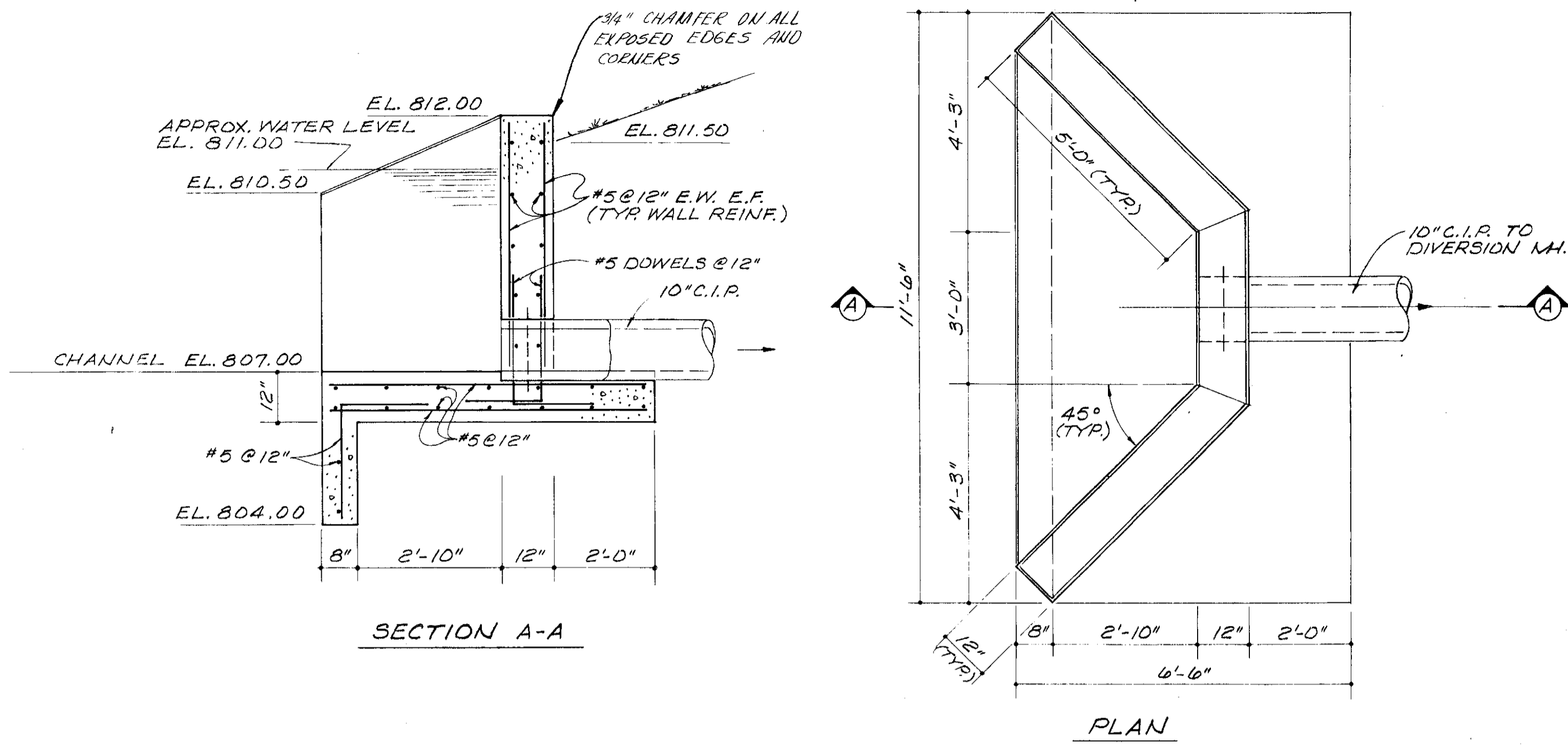
REVISIONS

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.

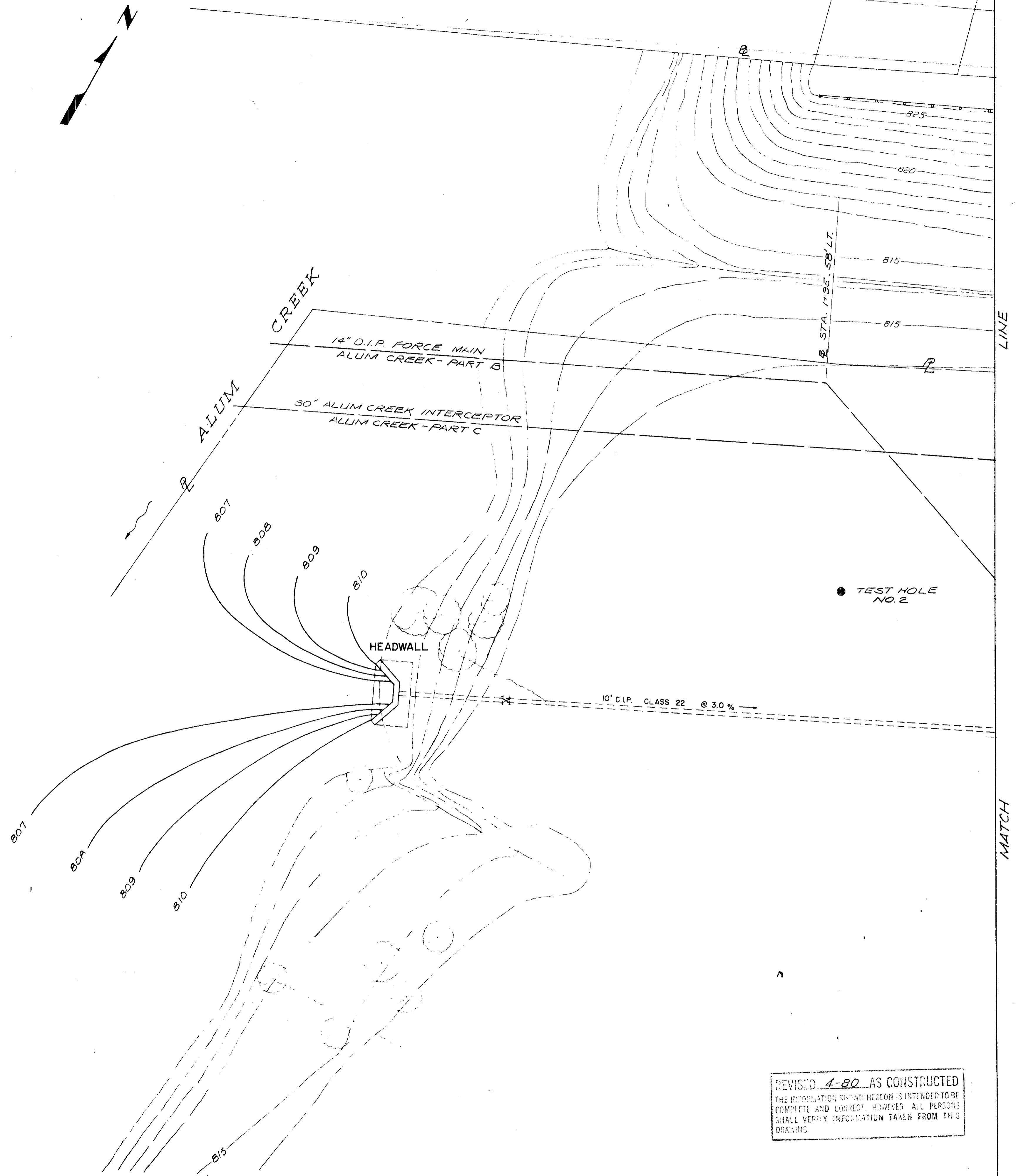
**GRADING AND SEEDING LIMITS.** GRADING AND SEEDING LIMITS WILL BE PAID FOR UNDER THE LUMP SUM BID FOR THE PUMPING STATIONS AND SHALL INCLUDE ALL DISTURBED AREAS WITHIN THE PROPERTY LIMITS AND ALL DISTURBED AREAS OUTSIDE THE PROPERTY LIMITS AS AND WHERE SHOWN ON THE PLANS, INCLUDING WATER LINE TRENCHES,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

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

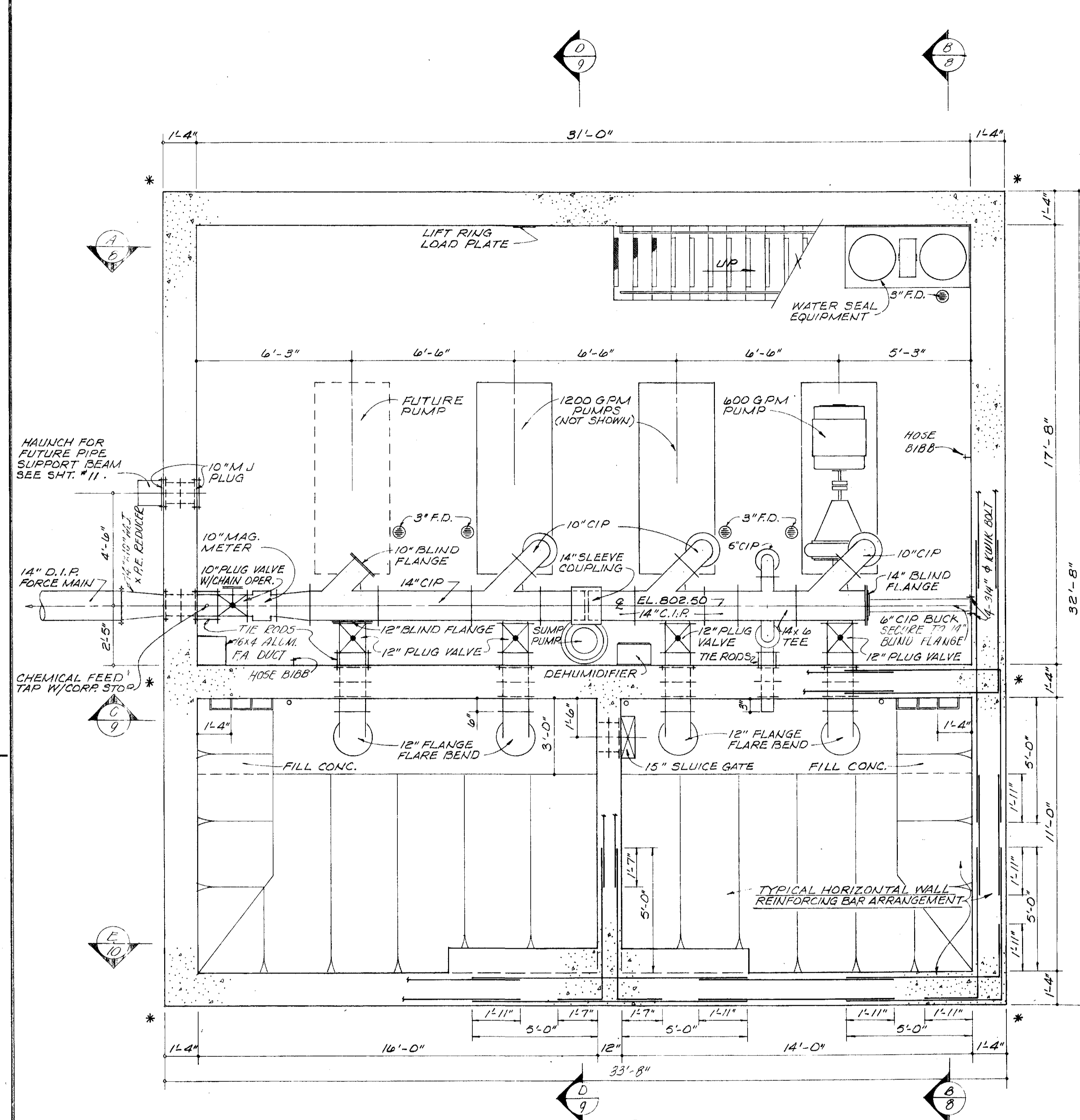
**EROSION CONTROL.** THE ENTIRE PROJECT IS SUBJECT TO MEASURES OF EROSION CONTROL AND THESE MEASURES SHALL BE COORDINATED WITH THE PERMANENT GRADING AND SEEDING WORK.

**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 SETS. 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.

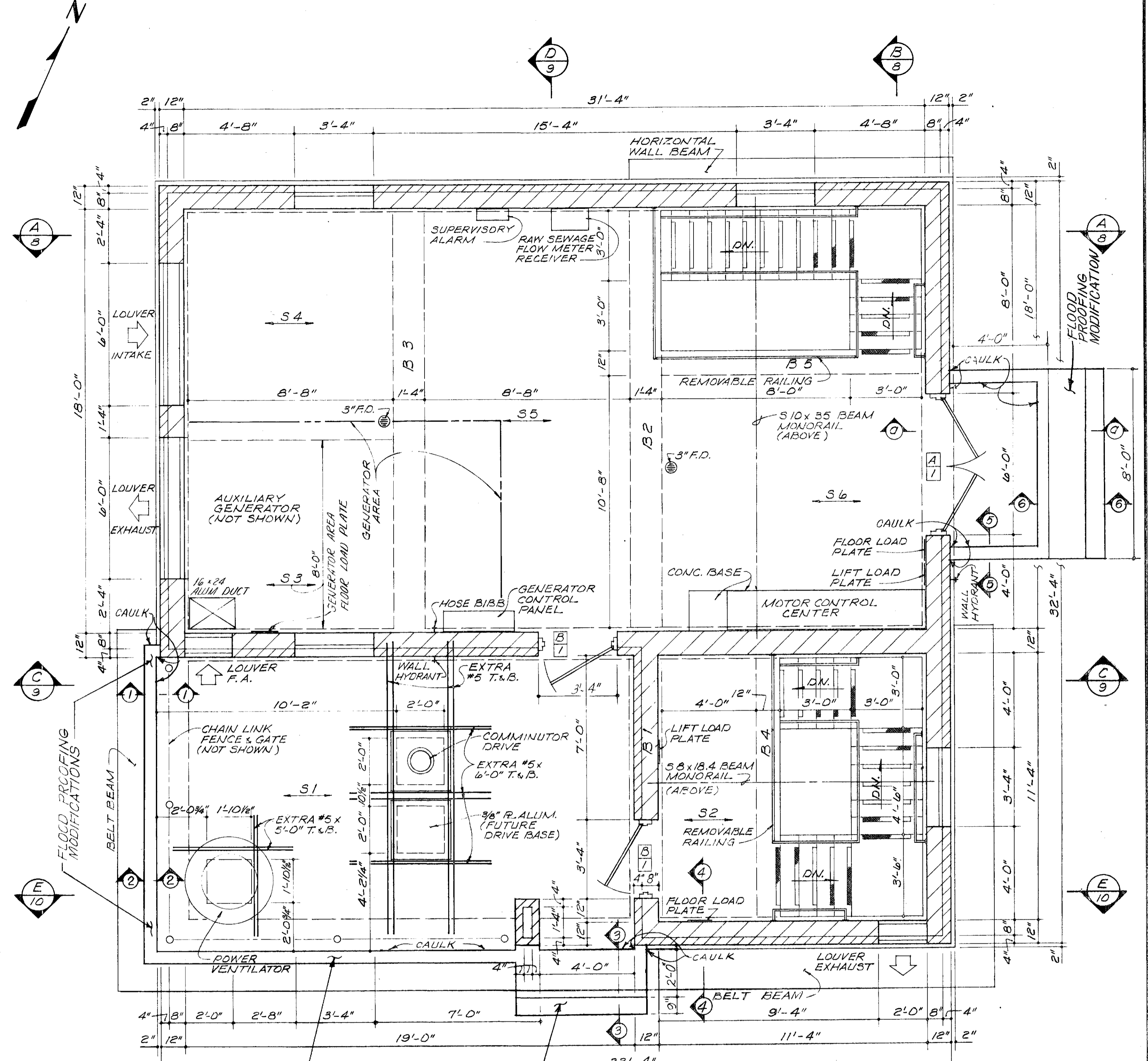
**WATER LINE.** THE TIE-IN TO THE EXISTING 10" A-C WATER LINE ON THE NORTH SIDE OF WORTHINGTON-GALENA ROAD AND THE 2" WATER LINE, INCLUDING ENCASEMENT, TO AND INCLUDING THE METER PIT AND METER AT OR NEAR THE PROPERTY LINE-RIGHT-OF-WAY LINE WILL BE INSTALLED BY OTHERS. THE CONTRACTOR SHALL NOT CONSIDER 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.



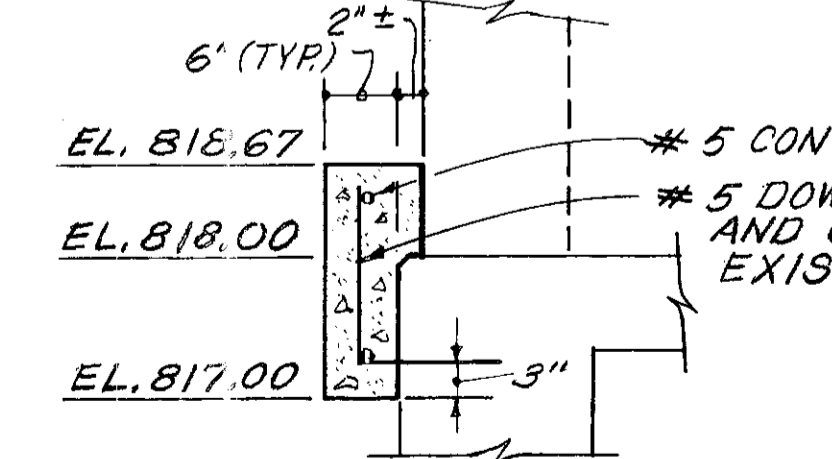
REVISED 4-80 AS CONSTRUCTED  
THE INFORMATION SHOWN HEREON IS INTENDED TO BE COMPLETE AND CORRECT. HOWEVER, ALL PERSONS SHALL VERIFY INFORMATION TAKEN FROM THIS DRAWING.



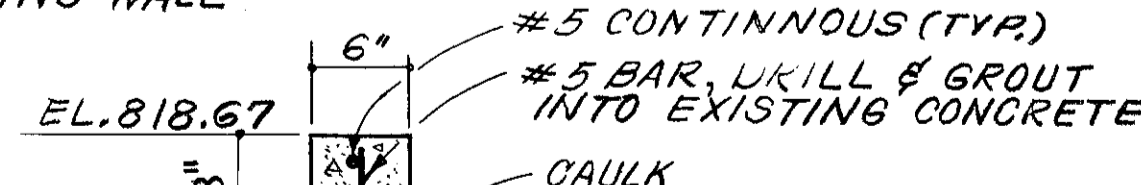
LOWER PLAN



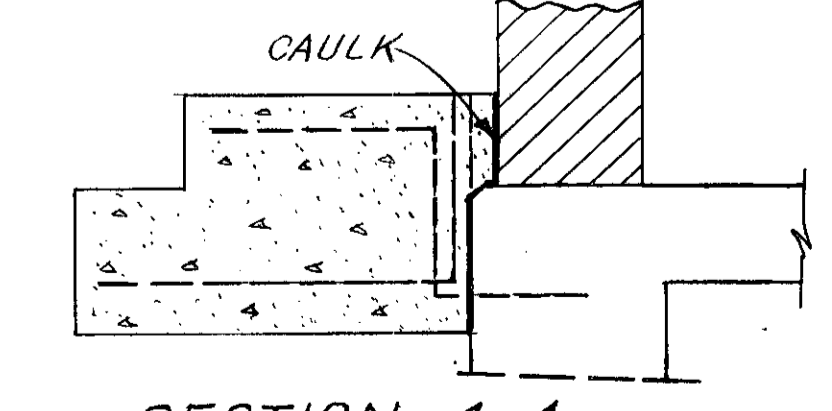
UPPER PLAN



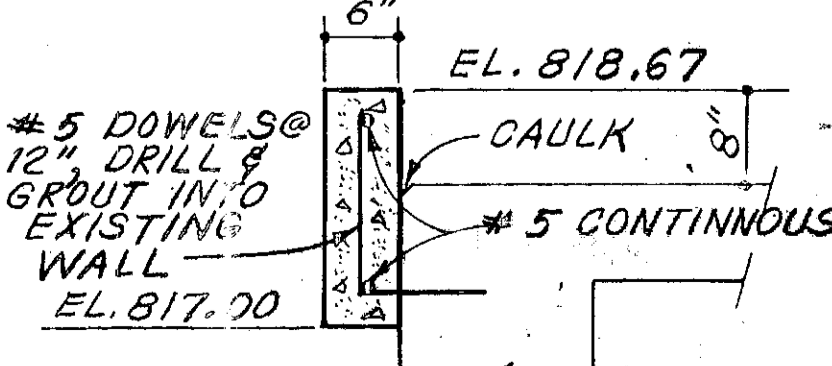
SECTION 1-1



SECTION 5-5



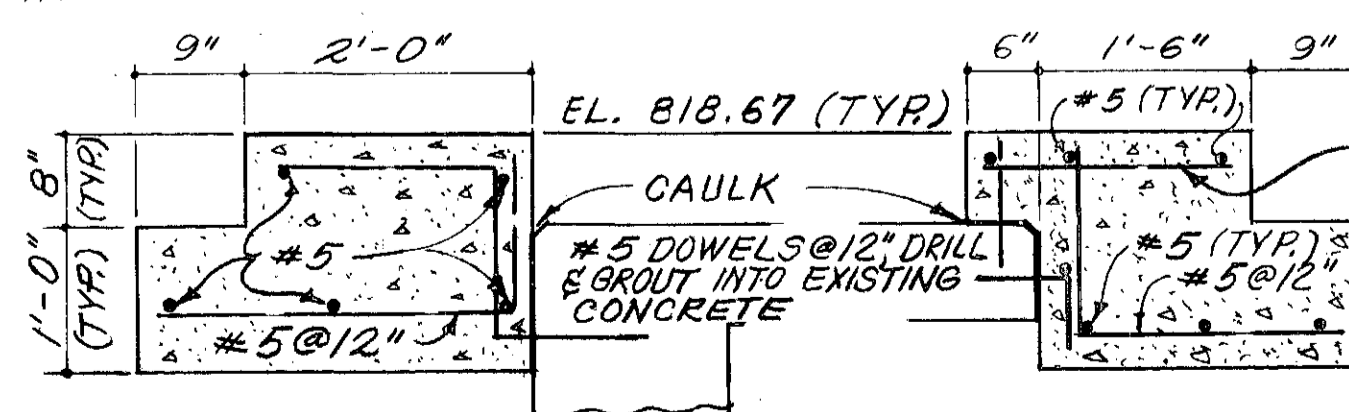
SECTION 4-4



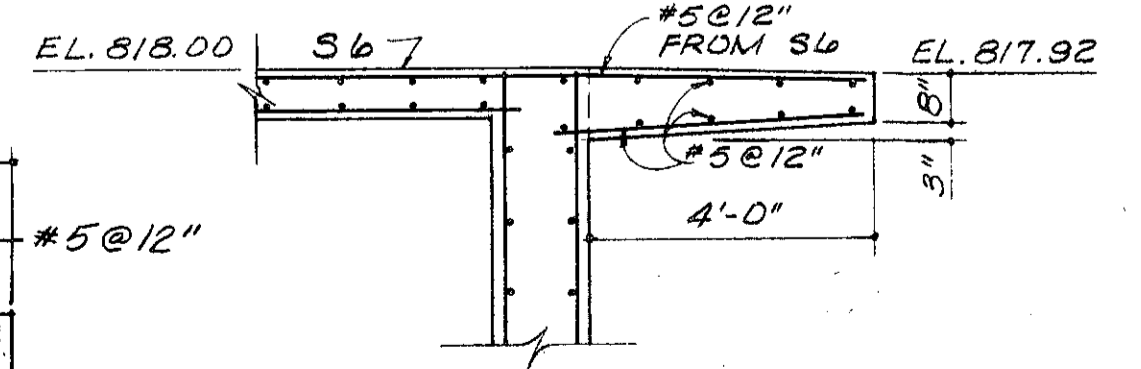
SECTION 2-2

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"=1'-0"  
NOTE: ALL RE-STEEL BARS ARE NO. 5.



SECTION 3-3



SECTION 6-6

BURGESS & NIPLE, LIMITED CONSULTING ENGINEERS  
COLUMBUS, OHIO

DELAWARE COUNTY, OHIO  
ALUM CREEK PUMP STATION

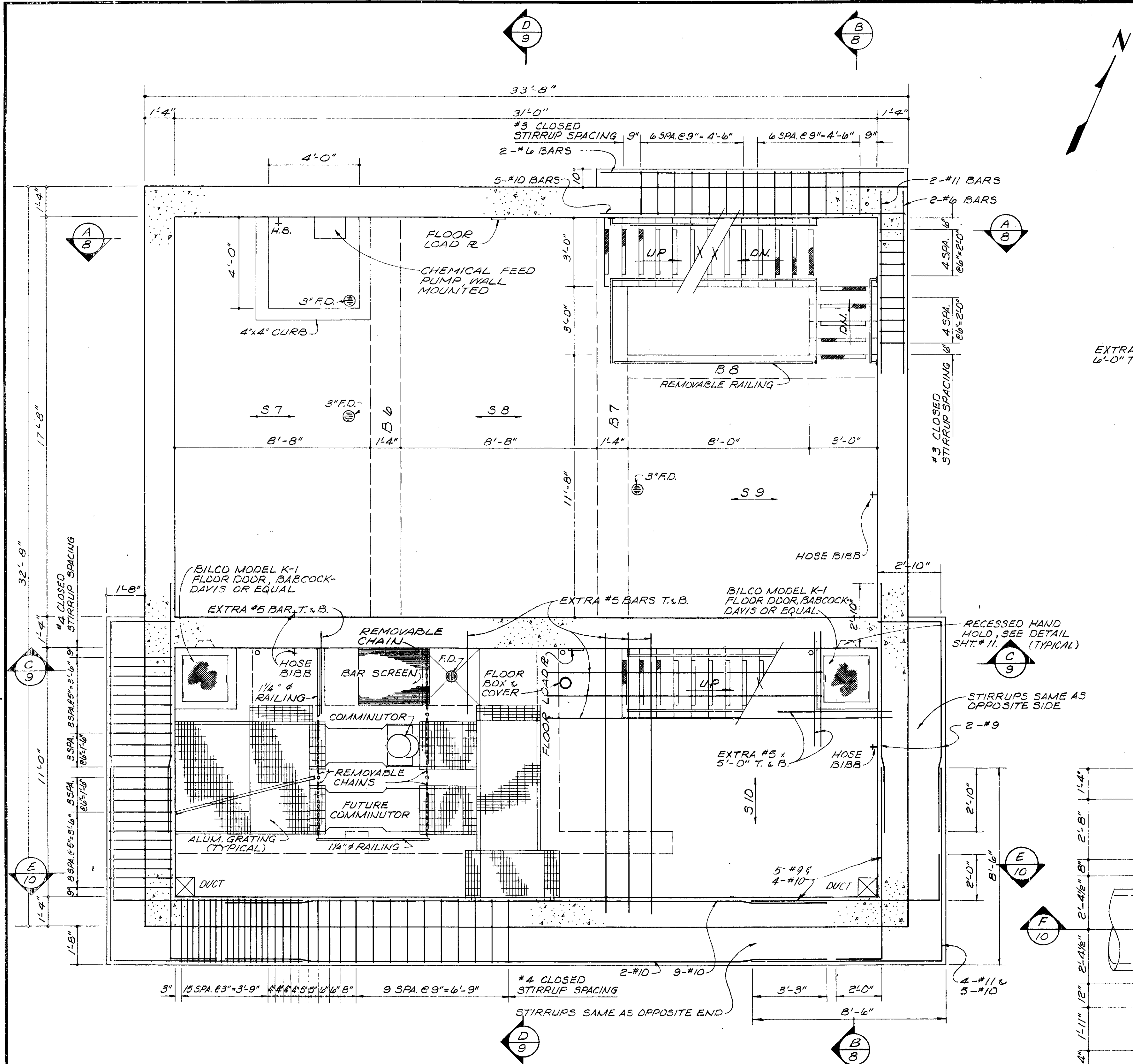
DESIGNED BY JRW/LO  
DRAWN BY DEH  
CHECKED BY WPT  
APPROVED BY

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

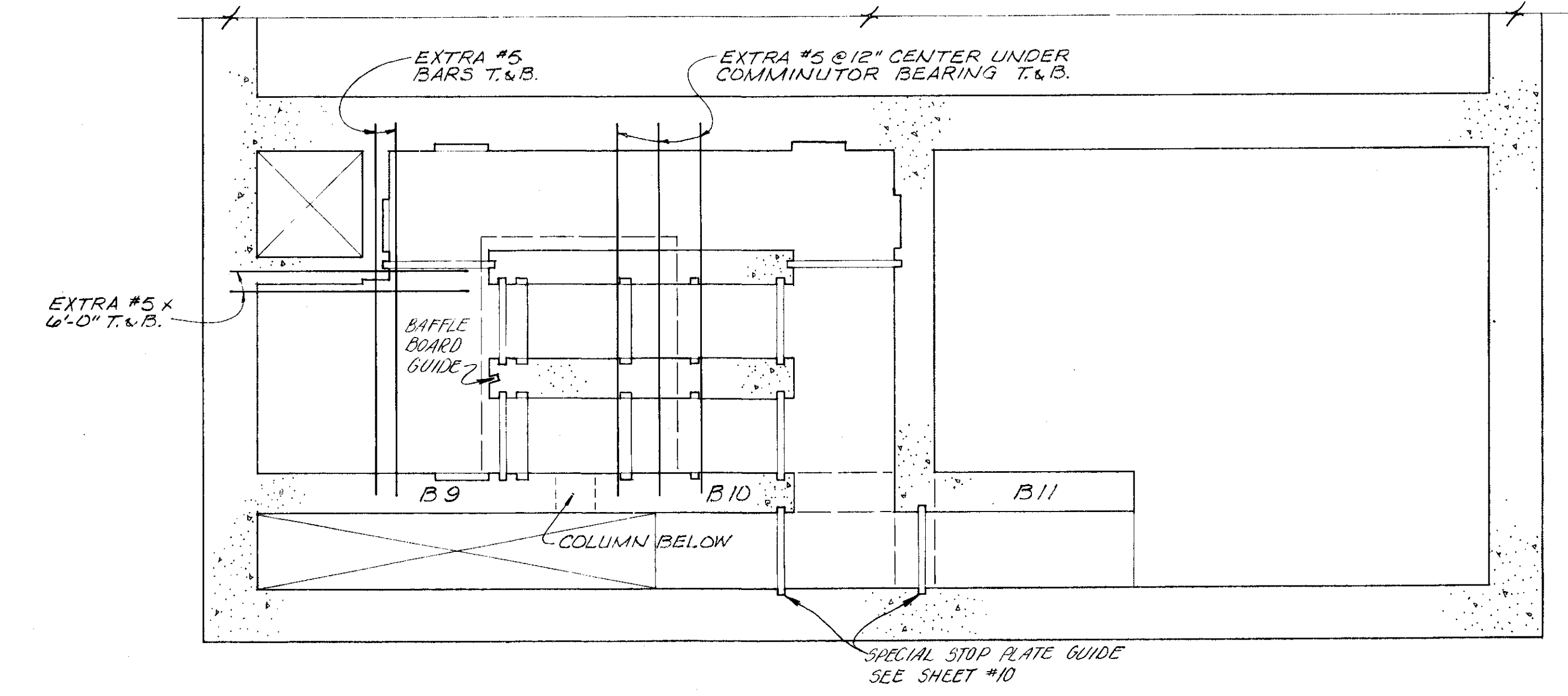
UPPER & LOWER PLANS

SHEET NO. 6

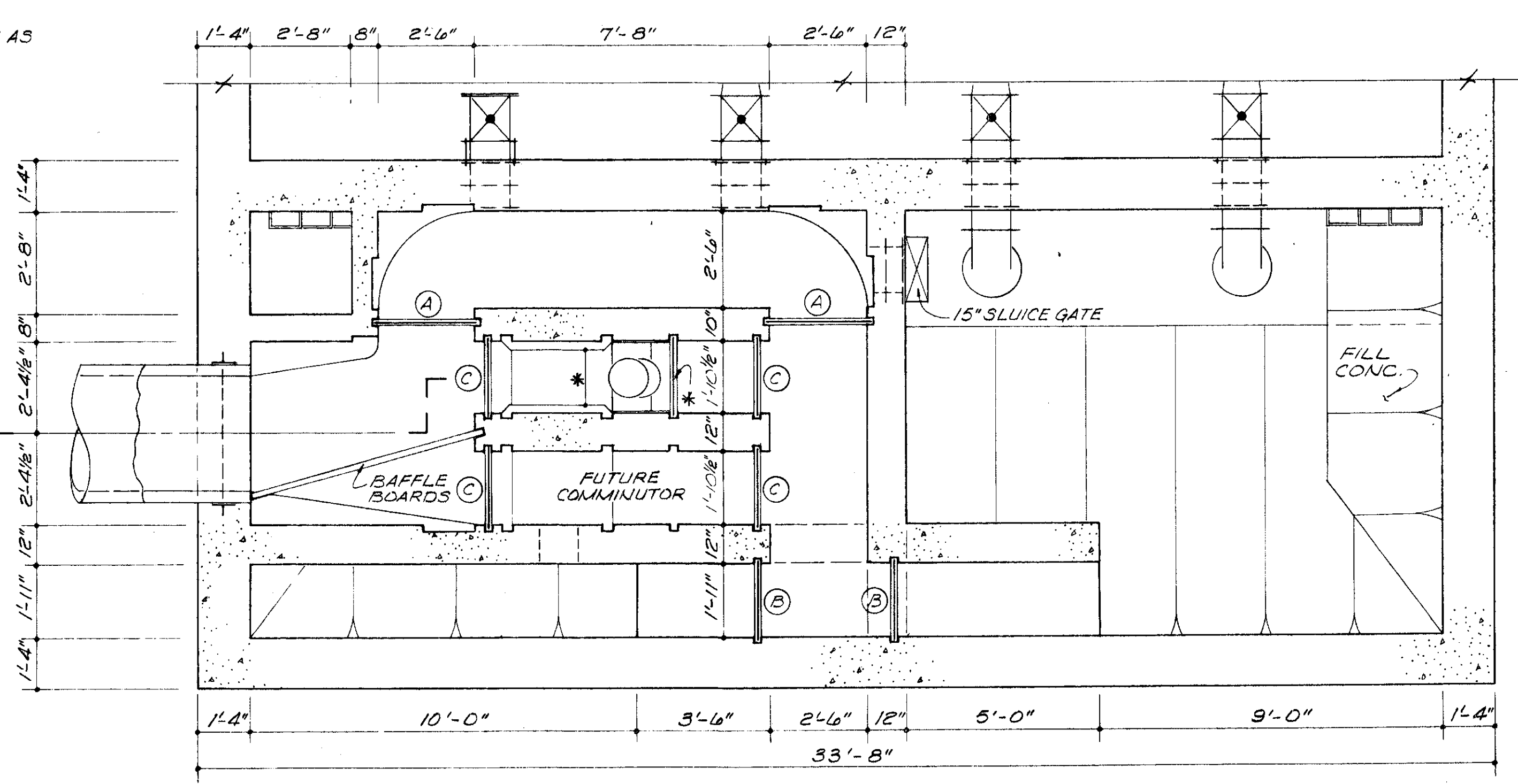




**INTERMEDIATE PLAN**  
(SHOWING BELT BEAM RE-STEEL)



**PARTIAL PLAN @ COMMINUTOR LEVEL**  
(REINFORCING STEEL)



**PARTIAL PLAN @ COMMINUTOR LEVEL**

\* COMMINUTOR 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

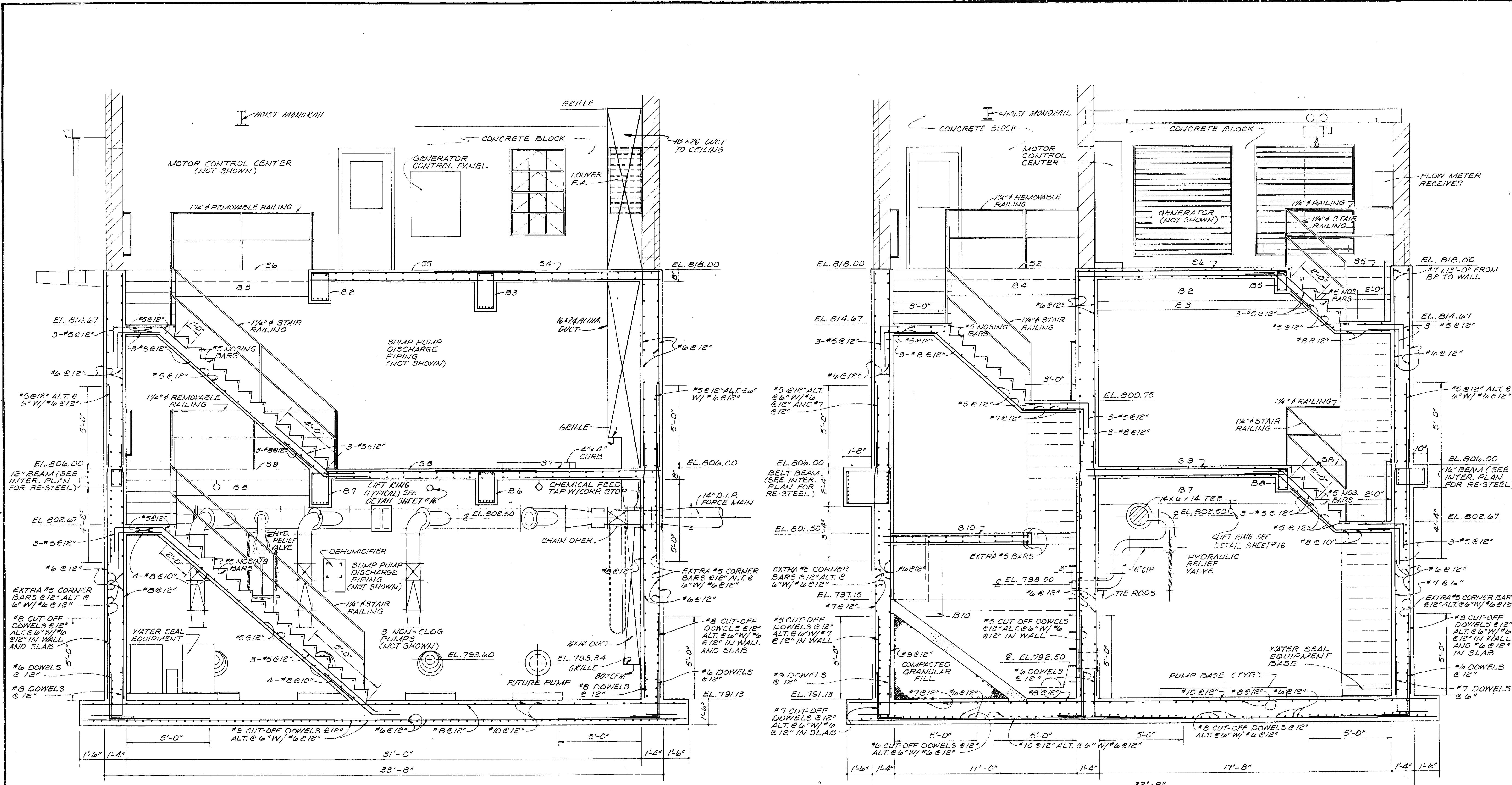
DESIGNED BY *JRW*  
DRAWN BY *DEH*  
CHECKED BY *WJH*  
APPROVED BY

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

**INTERMEDIATE PLAN**  
**AND PARTIAL PLANS**

**SHEET NO.**  
**7**



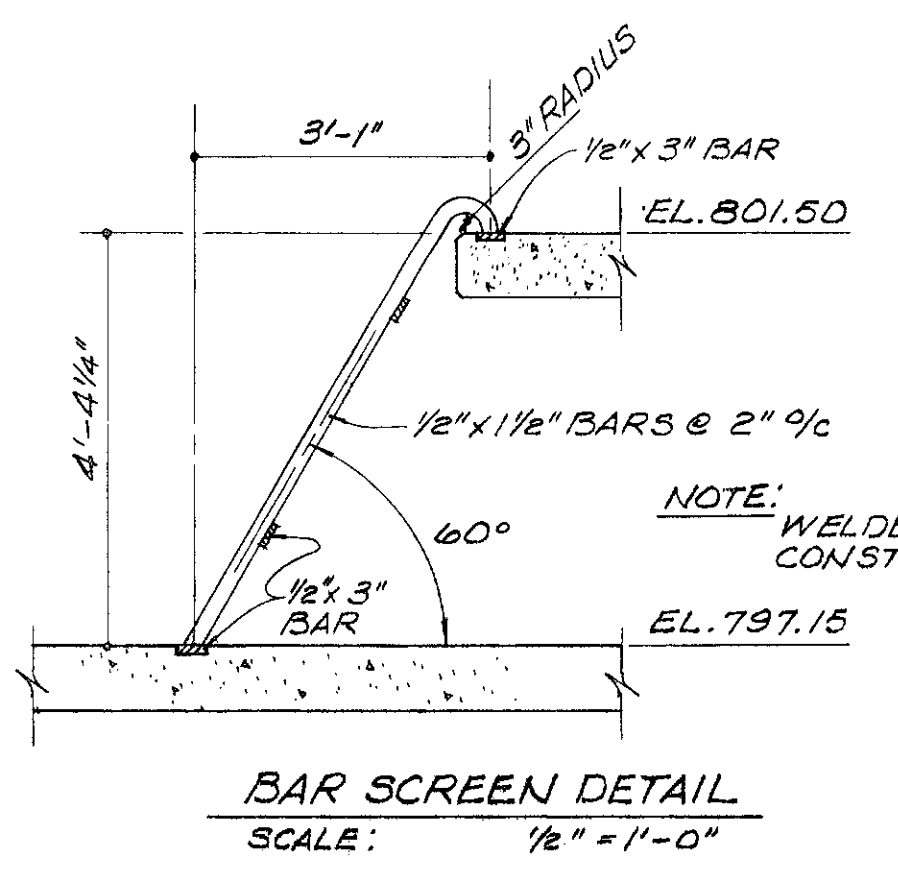
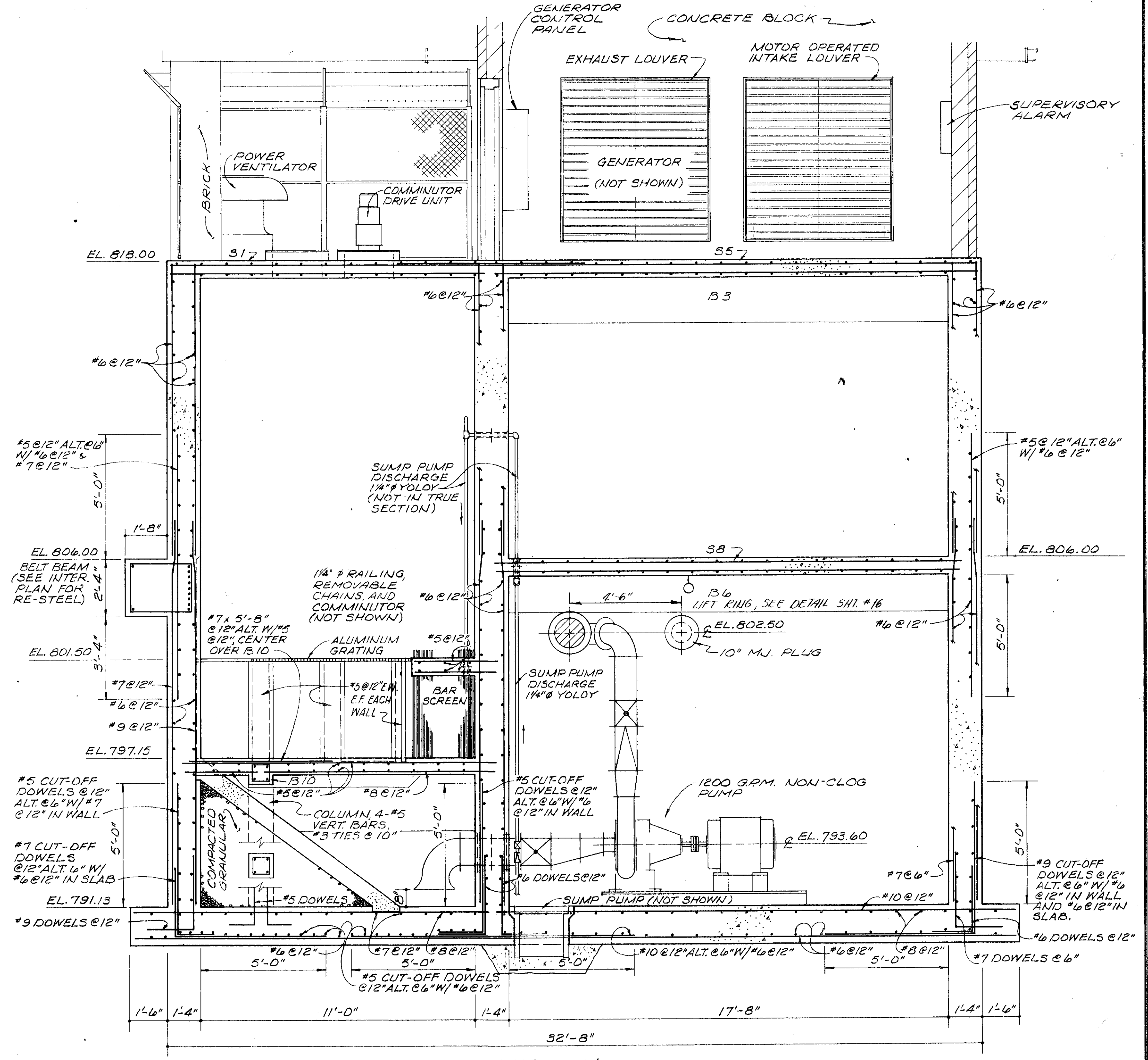
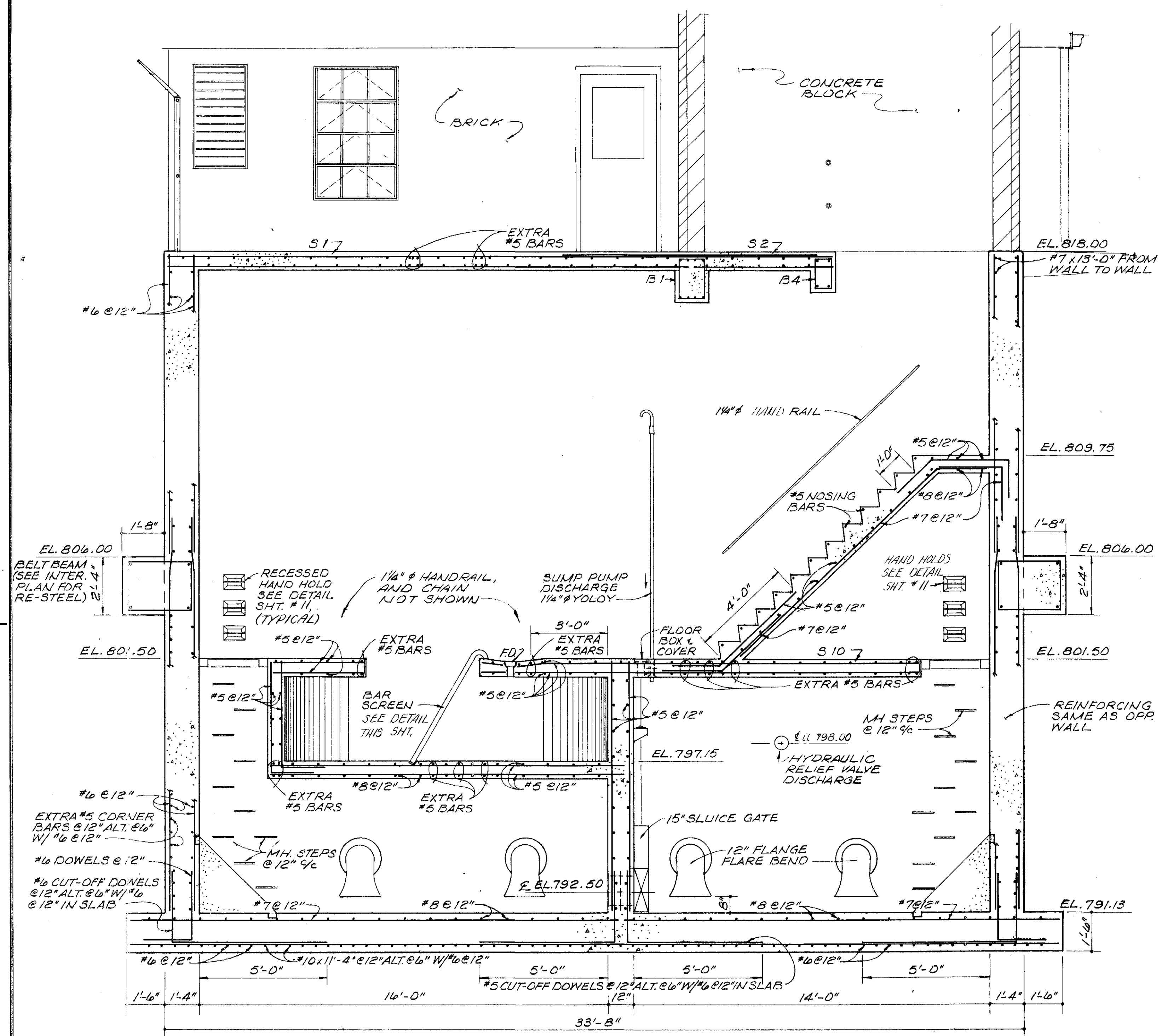


SECTION A  
67

SECTION B  
67

SECTION 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.

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



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  
APPROVED BY

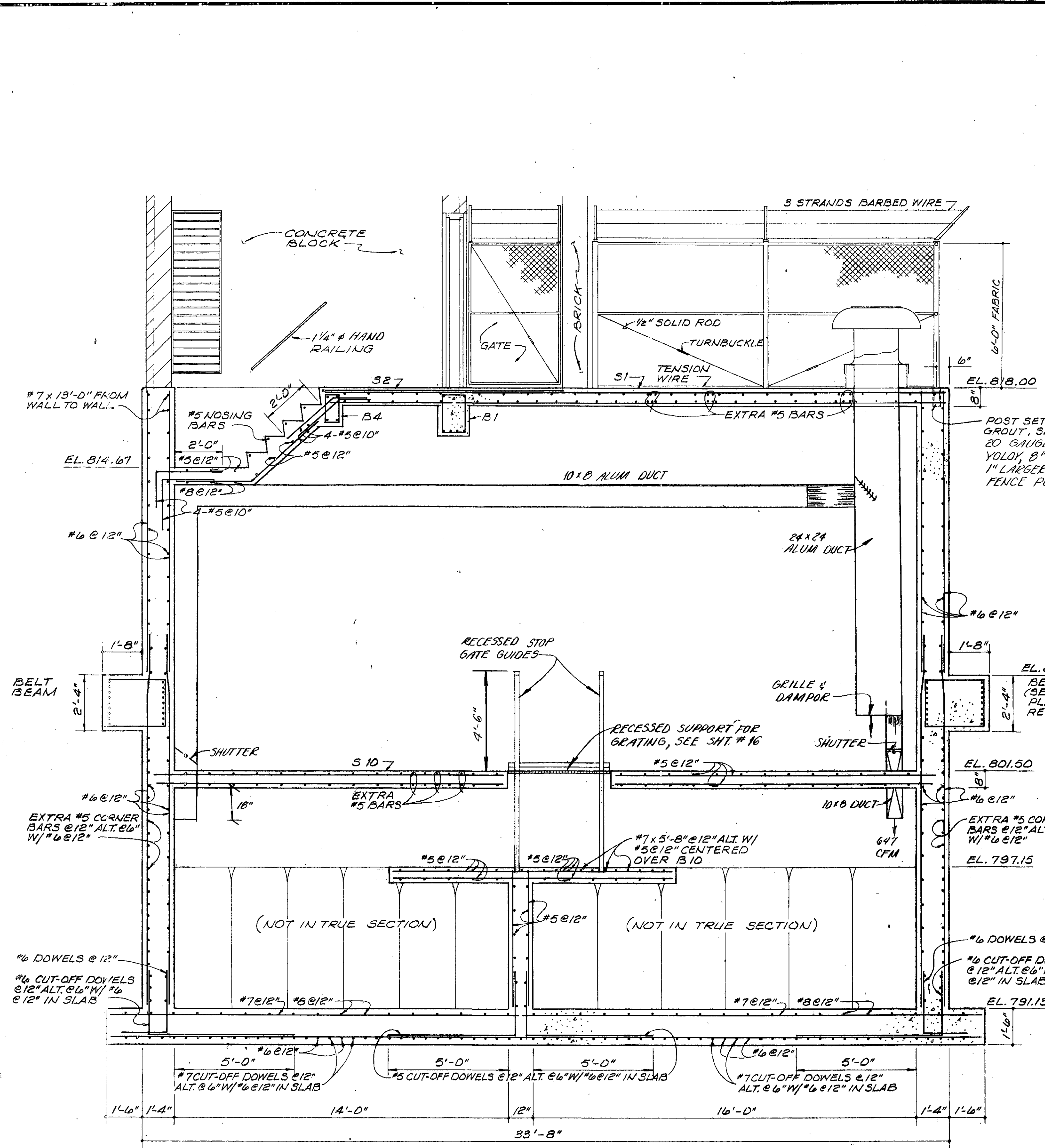
REVISIONS  
REVISED 9-23-76

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

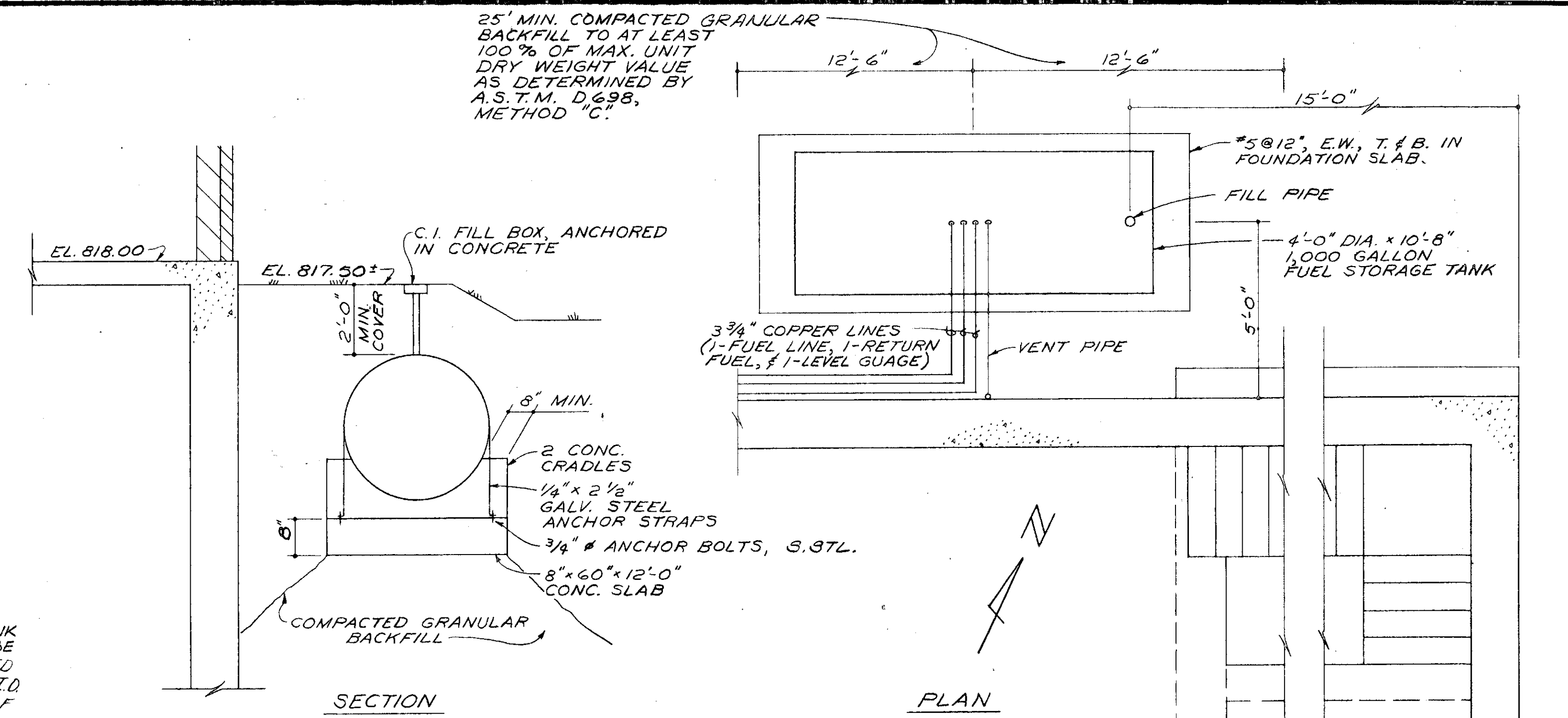
SECTIONS C & D

SHEET NO.  
9

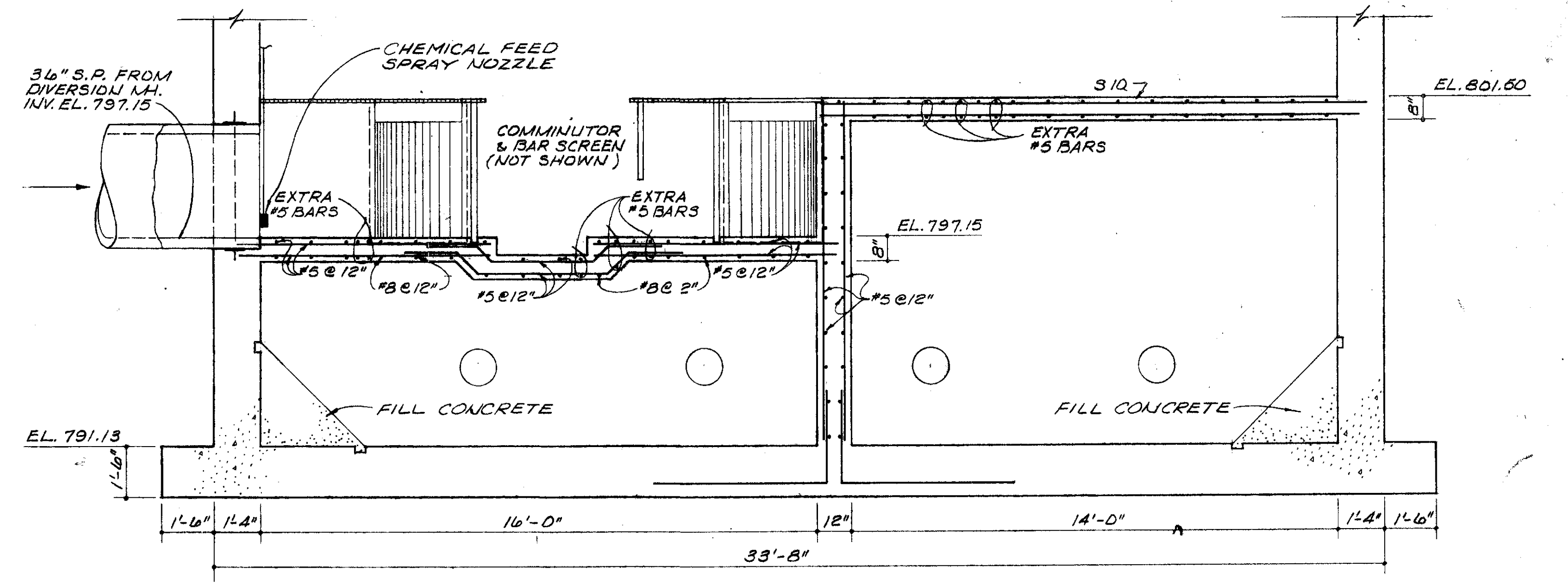




SECTION E  
67



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



SECTION F  
7

REVISED 4-80 AS CONSTRUCTED  
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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

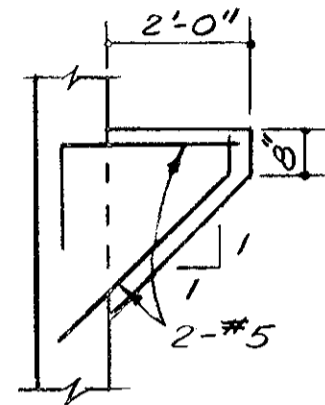
SHEET NO.  
10



PIPE SUPPORT BEAM SCHEDULE

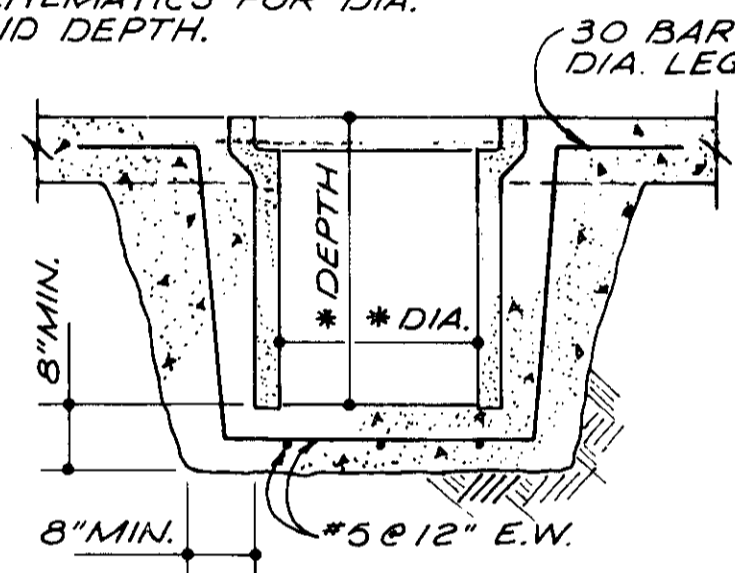
PIPE SIZE, TYPE & LOCATION	BEAM SIZE		MAX LG. L	REINFORCING		#3 CLOSED STIRRUPS SPACED CONT. ALONG LENGTH OF BEAM.
	b	d		TOP No. SIZE	BOTTOM No. SIZE	
36" S.P. BETWEEN DIVER. MH. & PUMP STATION @ PUMP STATION	36"	12"	6'-0"	4-#5	4-#9	12"
14" D.I.P. WEST SIDE OF PUMP STATION	14"	14"	8'-0"	2-#5	2-#9	12"
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

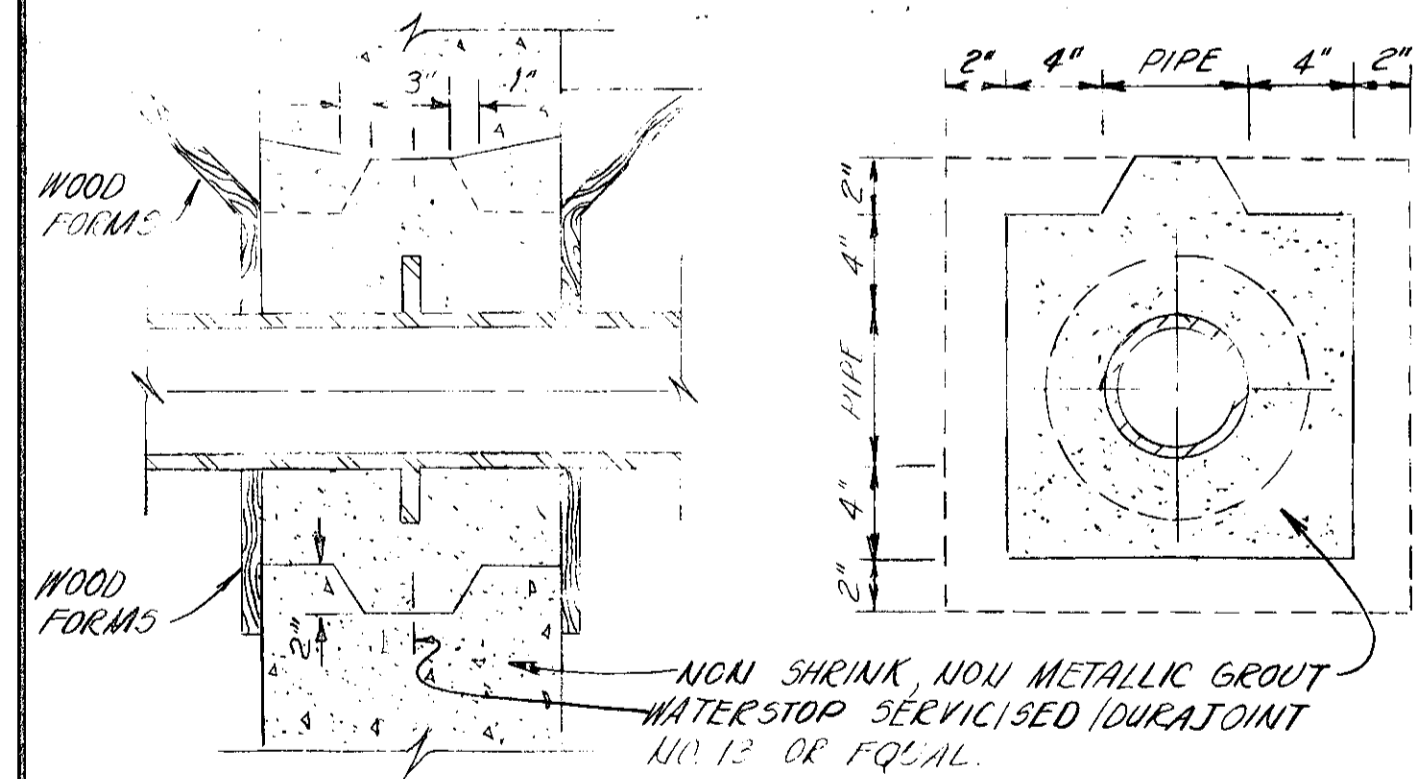


ELEC. CONDUIT SUPPORT HAUNCH (EAST SIDE - PUMP STA. 3 REQ'D, SEE SH. #18)

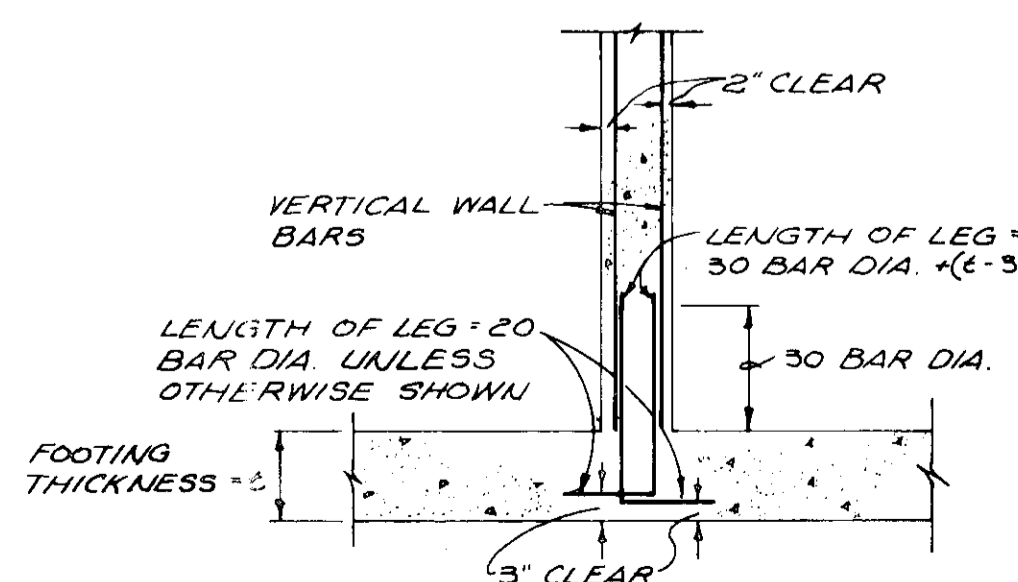
\* CONC. SEWER PIPE SUMP SEE SCHEMATICS FOR DIA. AND DEPTH.



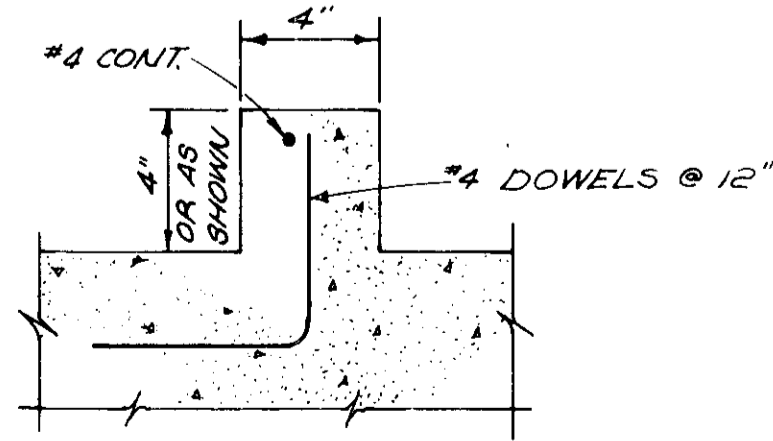
SUMP DETAIL SCALE: NONE



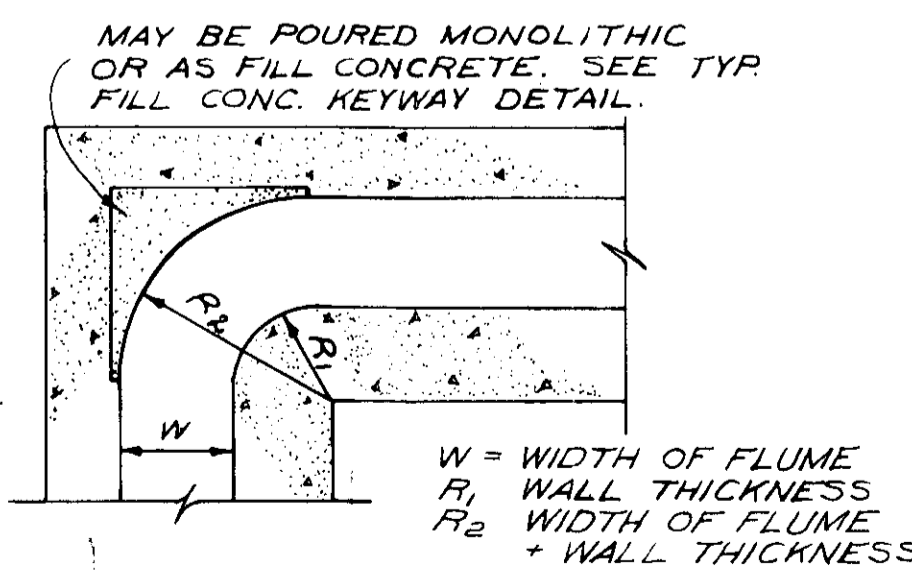
STANDARD BOX-OUT DETAIL



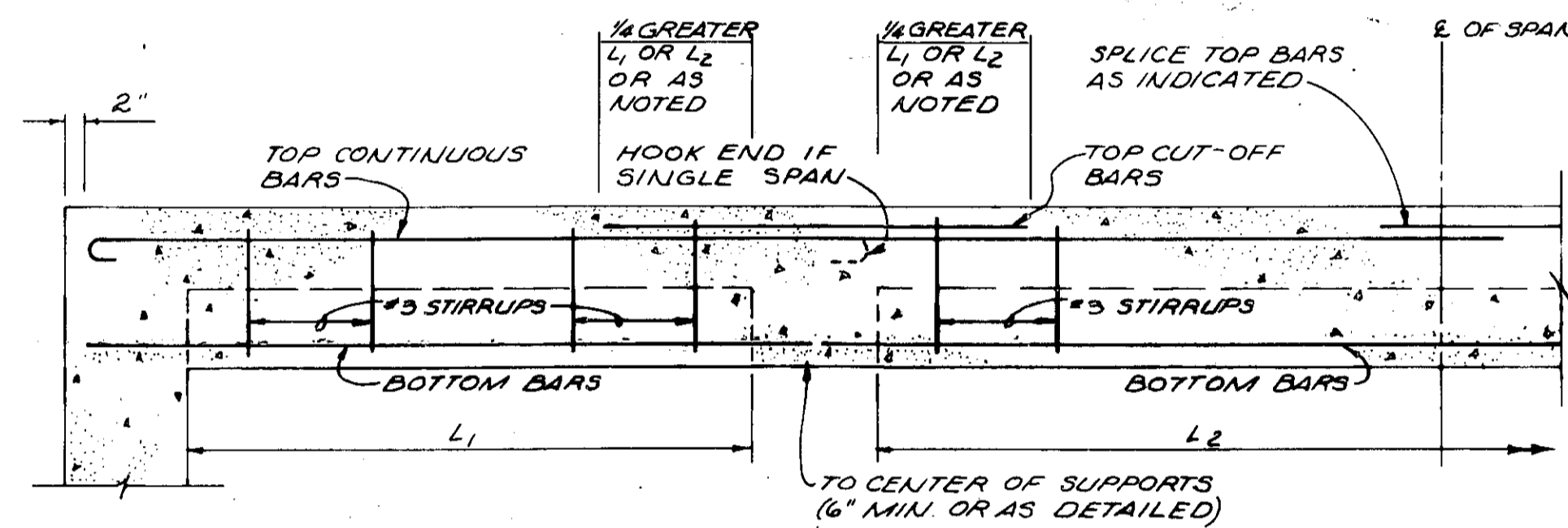
TYPICAL FOOTING DOWEL DETAIL



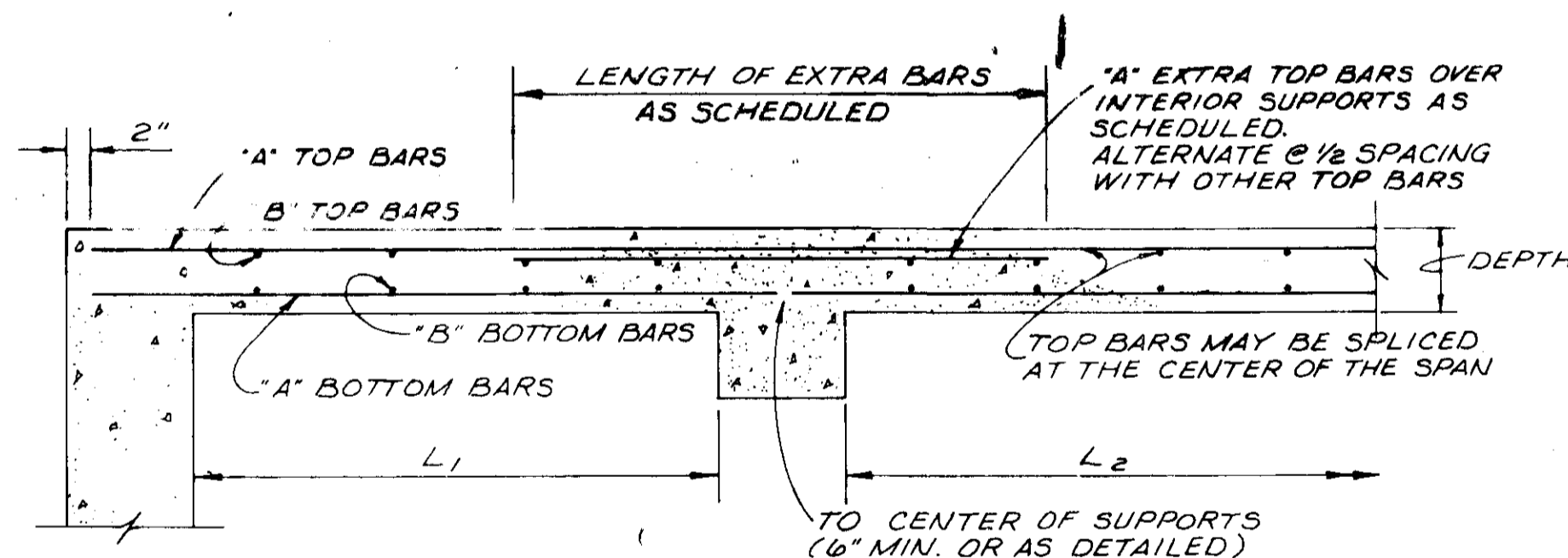
TYPICAL CURB DETAILS



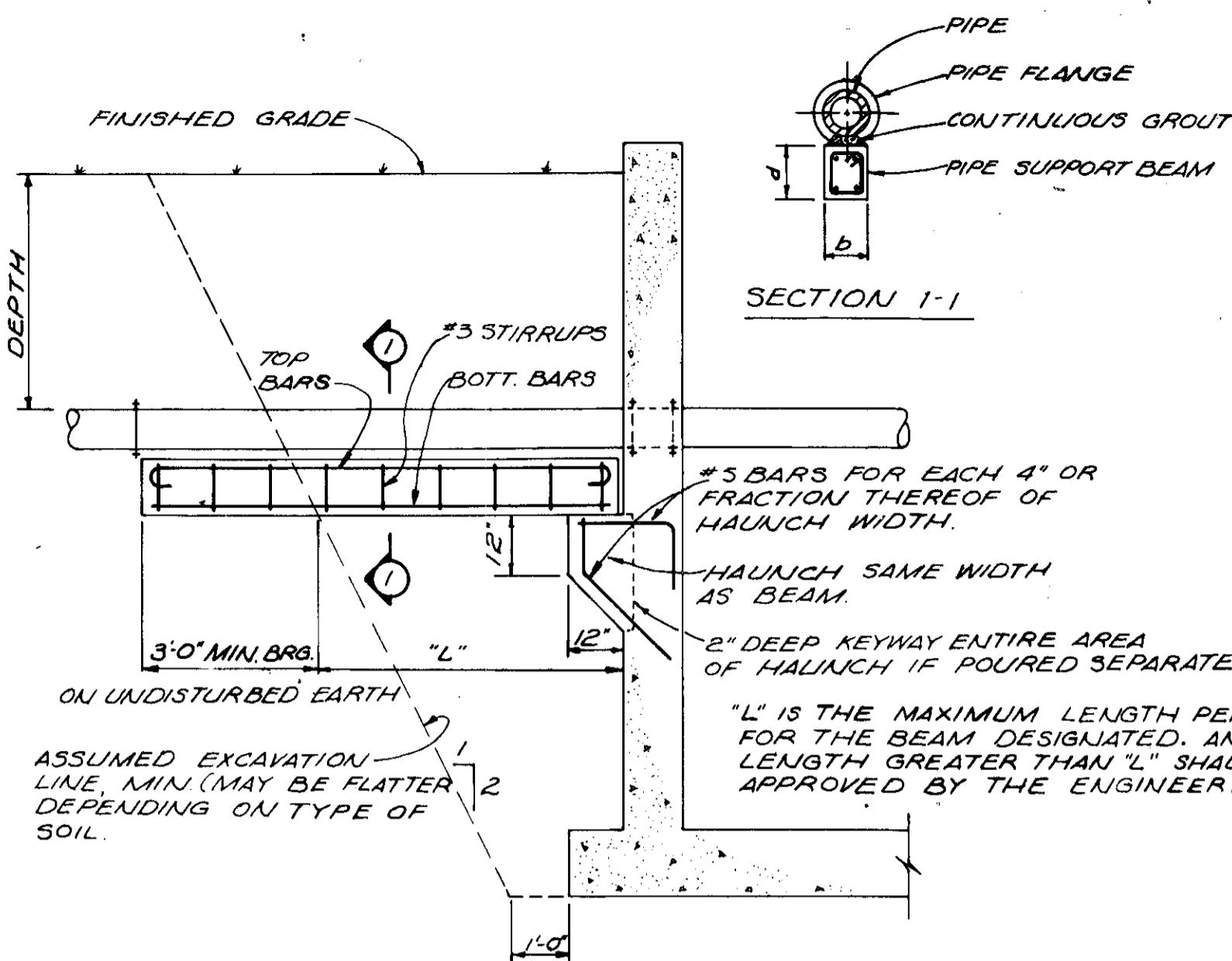
TYPICAL FLUME CORNER DETAIL



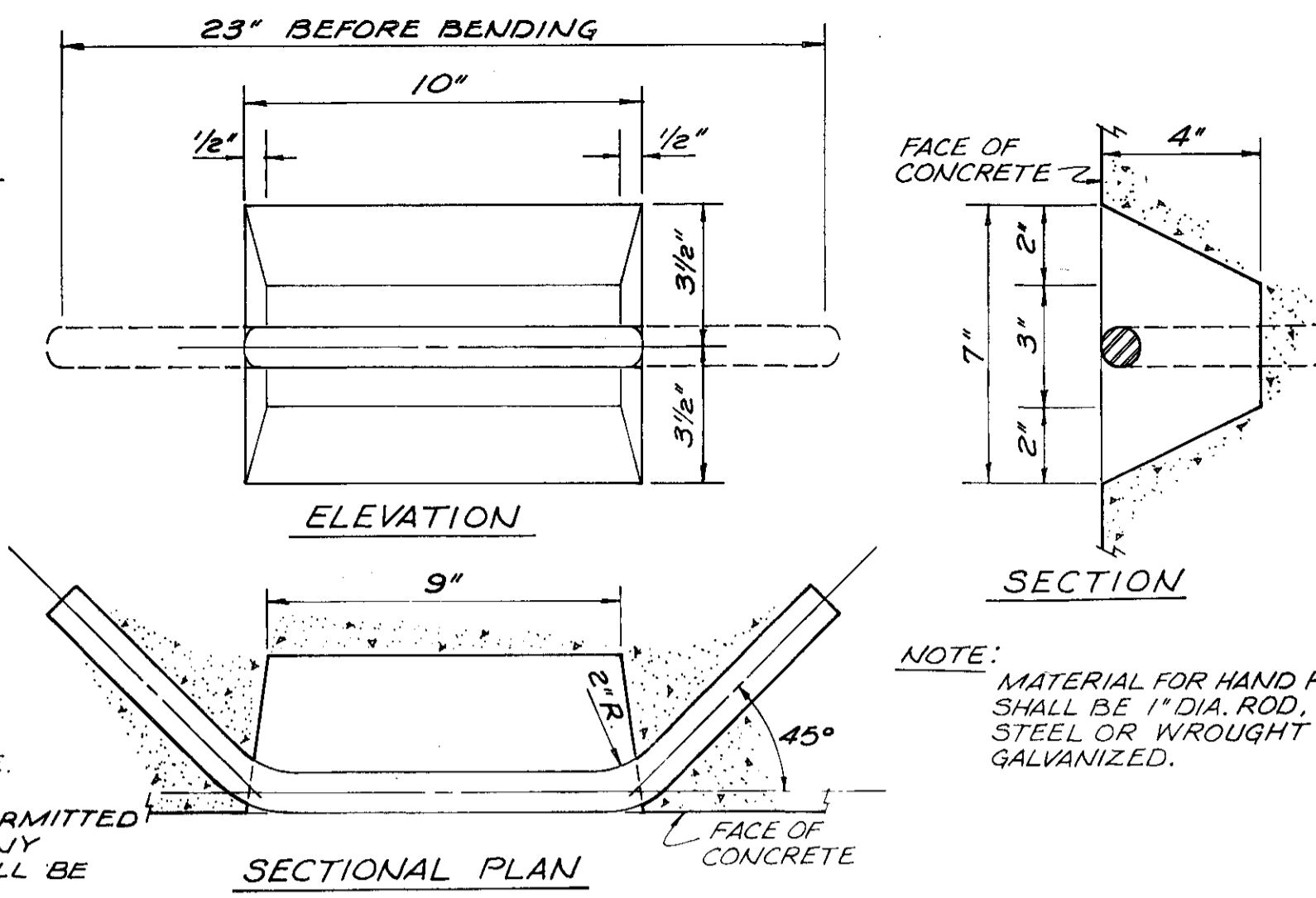
CONCRETE BEAM DETAIL



CONCRETE SLAB DETAIL

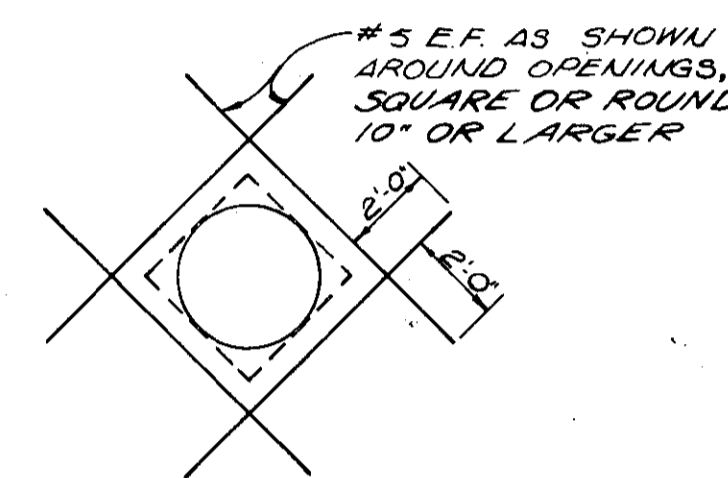


TYPICAL PIPE SUPPORT BEAM DETAIL

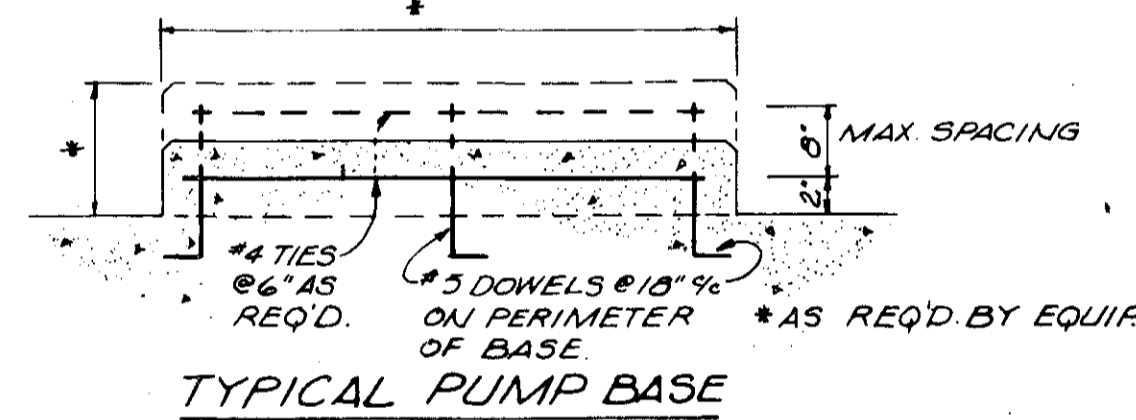


SECTIONAL PLAN

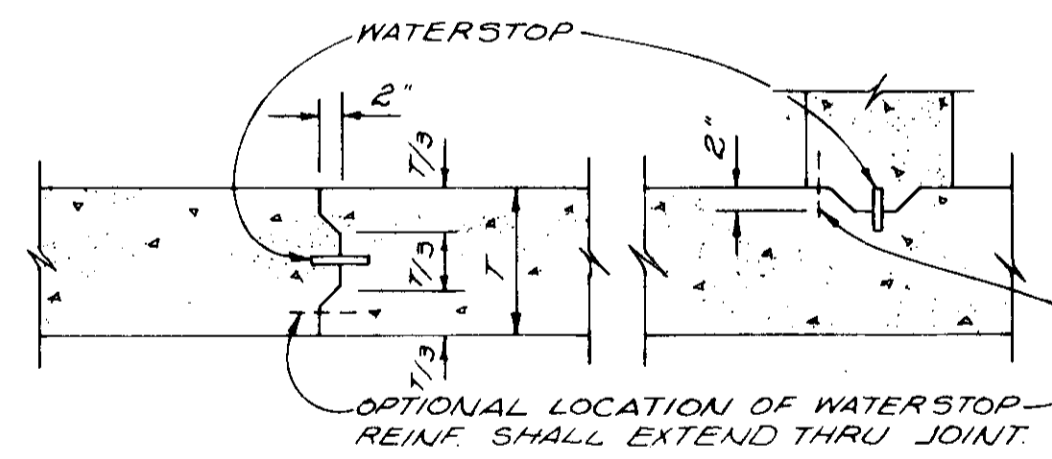
RECESSED HAND HOLD



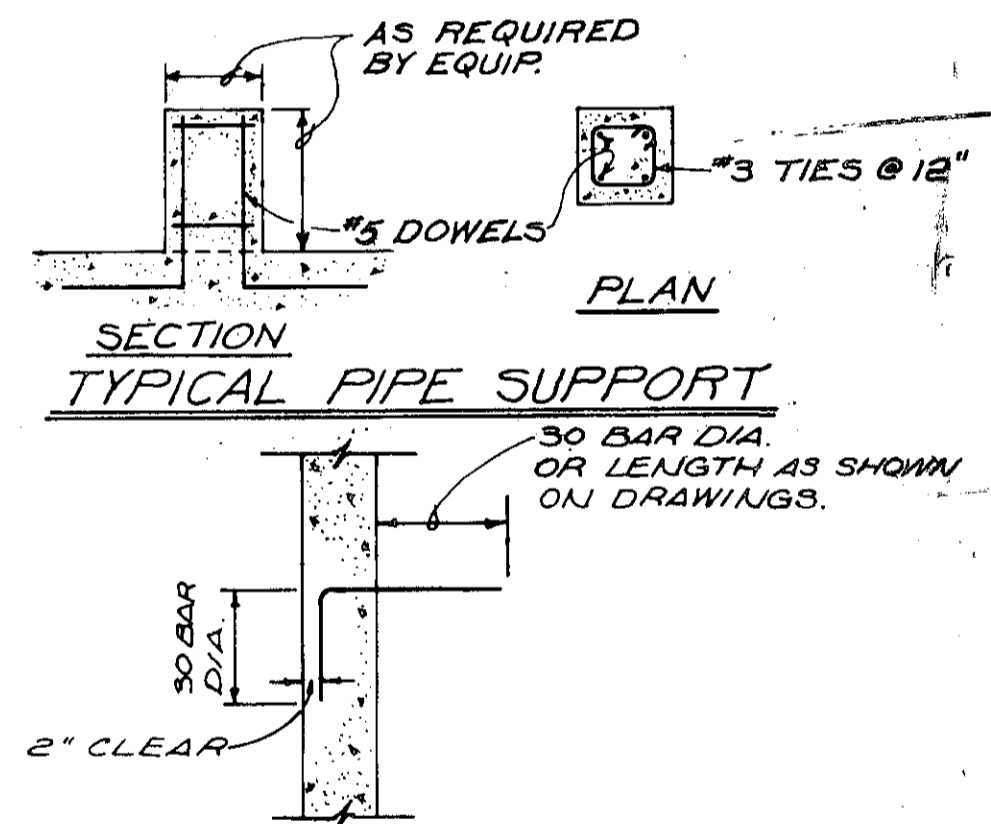
TYPICAL OPENING DETAIL



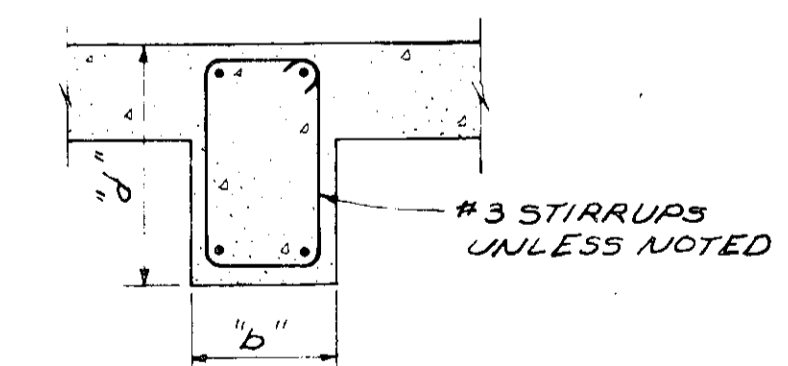
TYPICAL PUMP BASE



TYPICAL CONSTRUCTION JOINT DETAIL

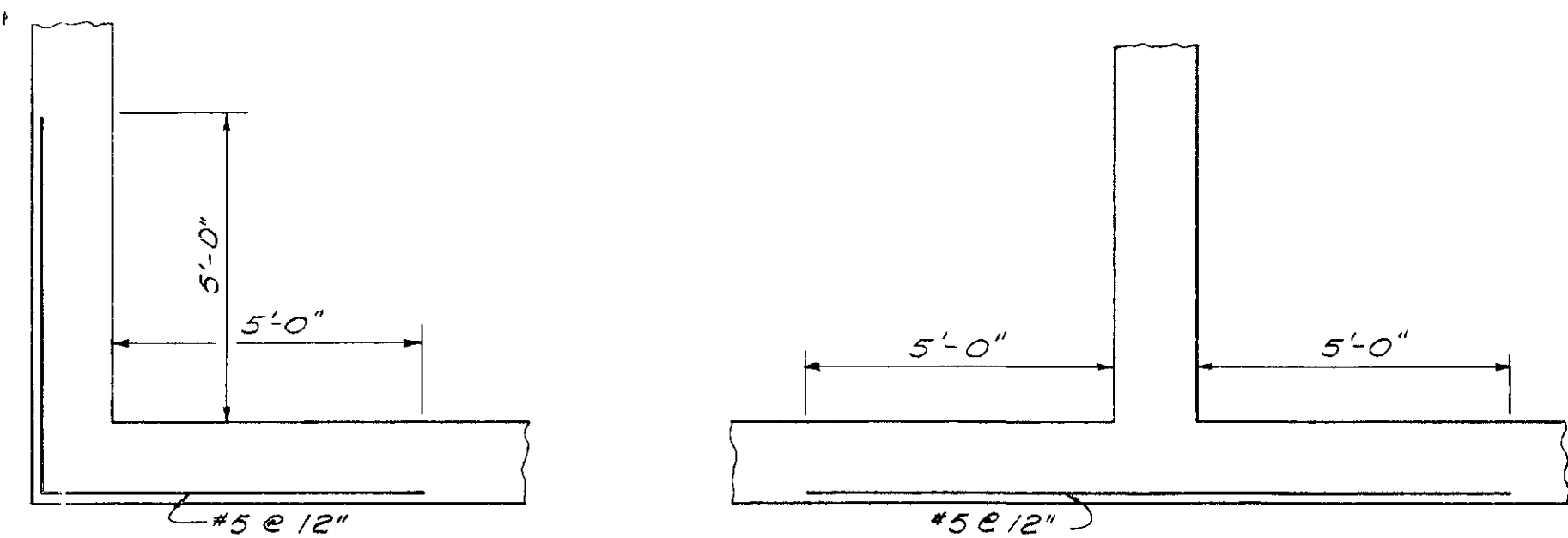


TYPICAL WALL DOWEL DETAIL



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 ...



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

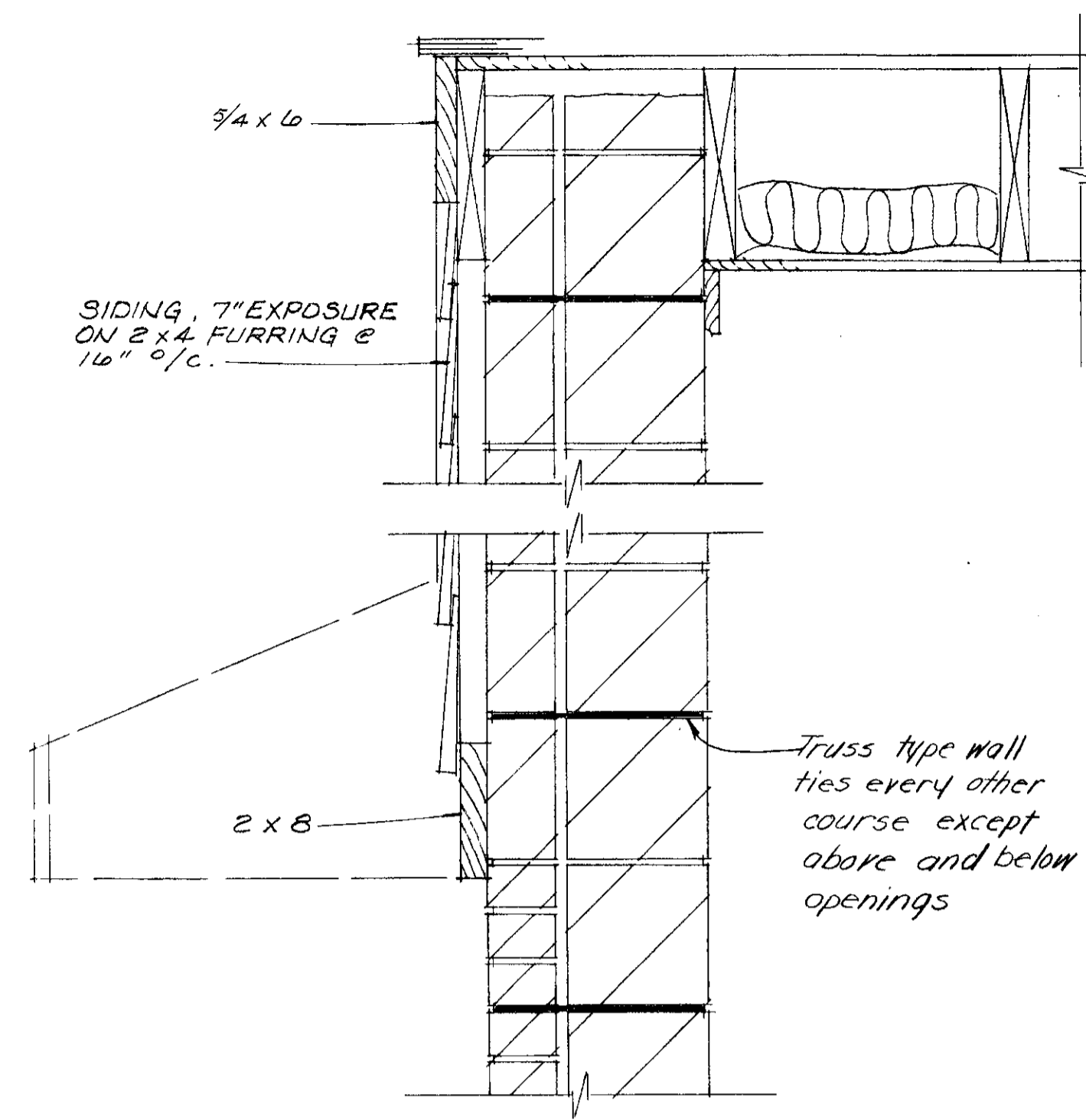
CONCRETE SLAB SCHEDULE								
MARK	DEPTH	REINFORCING						REMARKS
		"A" BOT.	"A" TOP	"A" EXTRA TOP	"B" BOT.	"B" TOP	"B" EXTRA TOP	
S1	8"	#5@12"	#5@12"	#4 x 10'-0" @ 12" ALT. WITH "A" TOP BARS CENTER OVER B1	#5@12"	#5@12"	#5 x 7'-6" @ 12" ALT. @ 6" WITH "B" TOP BARS CENTER OVER WALL	
S2	8"	#5@12"	#5@12"	SEE S1	#5@12"	#5@12"		
S3	8"	#6@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		#3 CLOSED STIRRUPS SPACING FROM FACE OF SUPPORT EA FACE
b	d	No.-SIZE	No.-SIZE	REMARK			
B-1	16"	24"	4-#6	2-#9 CONT. 3-#9 x 11'-0"	CENTER #9 x 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 x 5'-6"	BOTTOM #9 BARS ARE CONT. OVER SUPPORT. (DOUBLY REINF.) CENTER TOP #8 x 5'-6" OVER COLUMN		4 @ 3", 2 @ 4", # 5 @ 5"
B-10	12"	12"	2-#8	2-#6 CONT. 2-#5 x 5'-6"	CENTER #5 x 5'-6" OVER WALL		4 @ 3", 2 @ 4", # 5 @ 5"
B-11	12"	12"	2-#5	2-#6			4 @ 5", 3 @ 10"

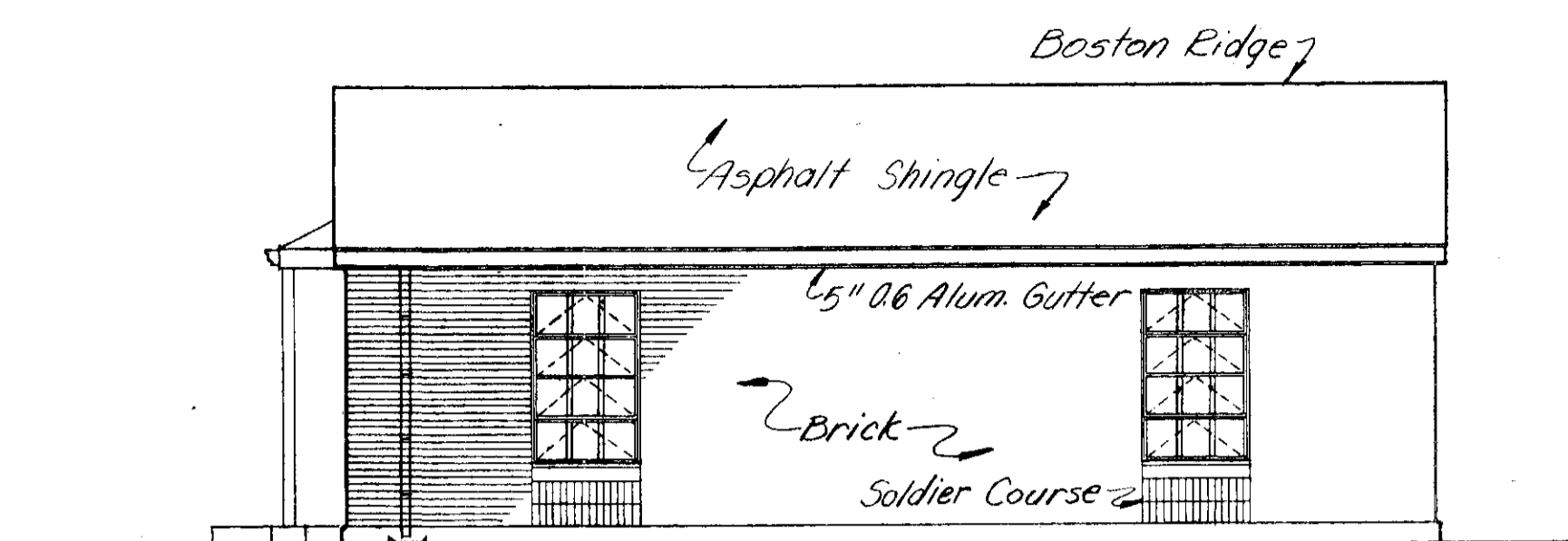
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NOTE

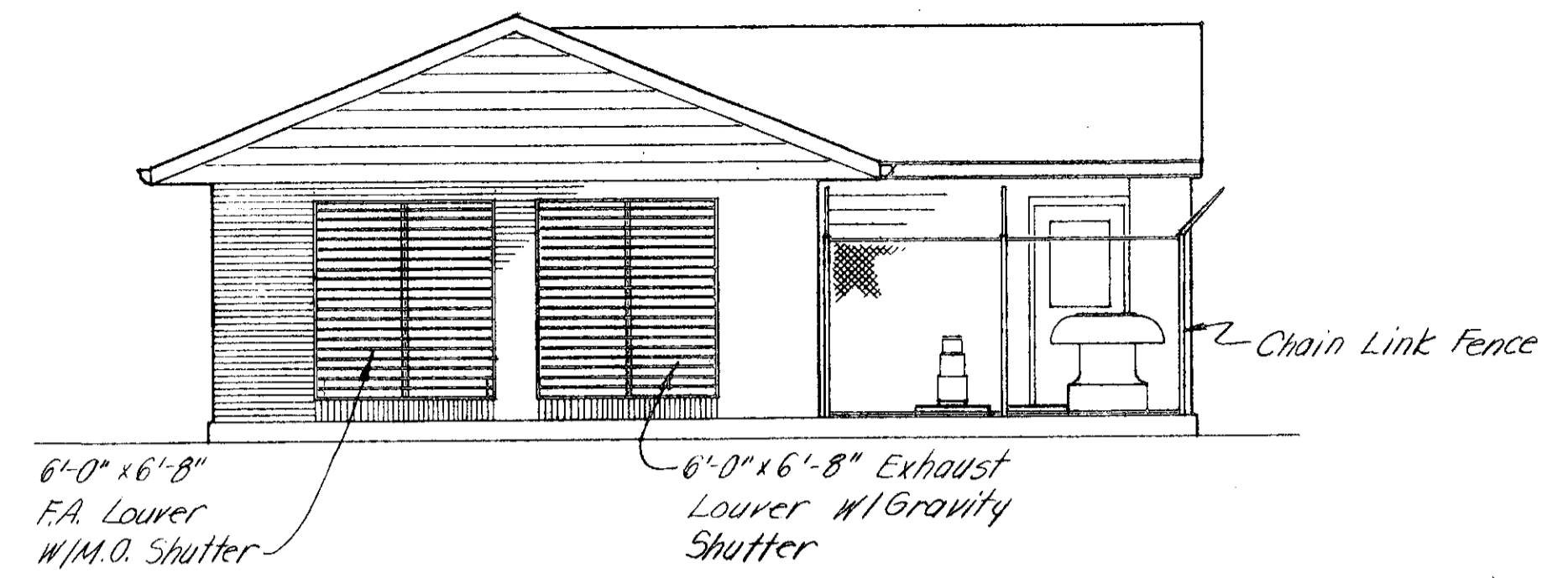
All face brick to modular laid in running bond except where shown as soldier course. Soldier course to be stack bond.



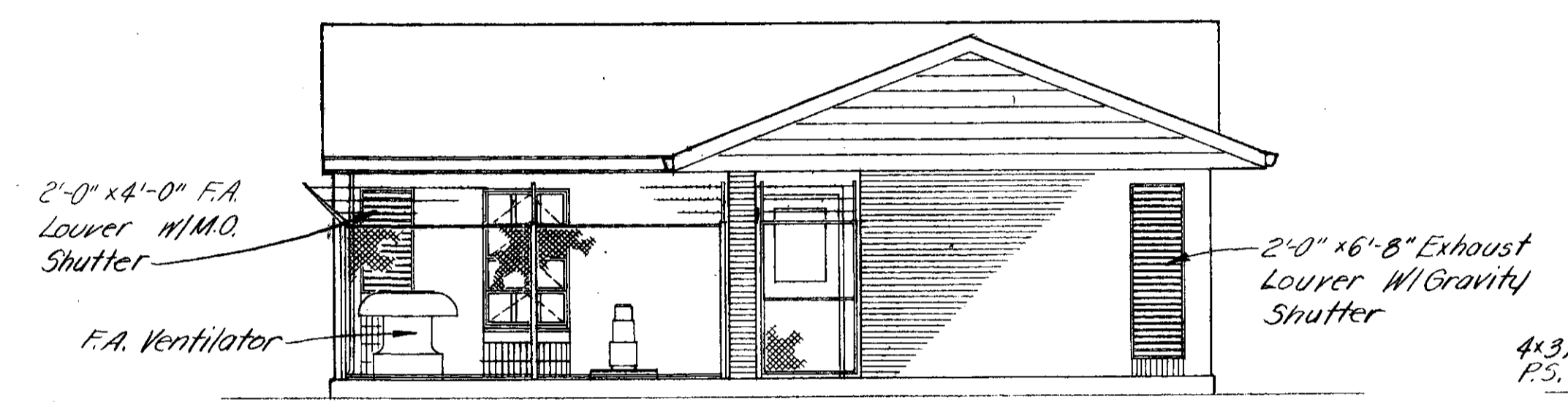
EAST & WEST WALL SECTION



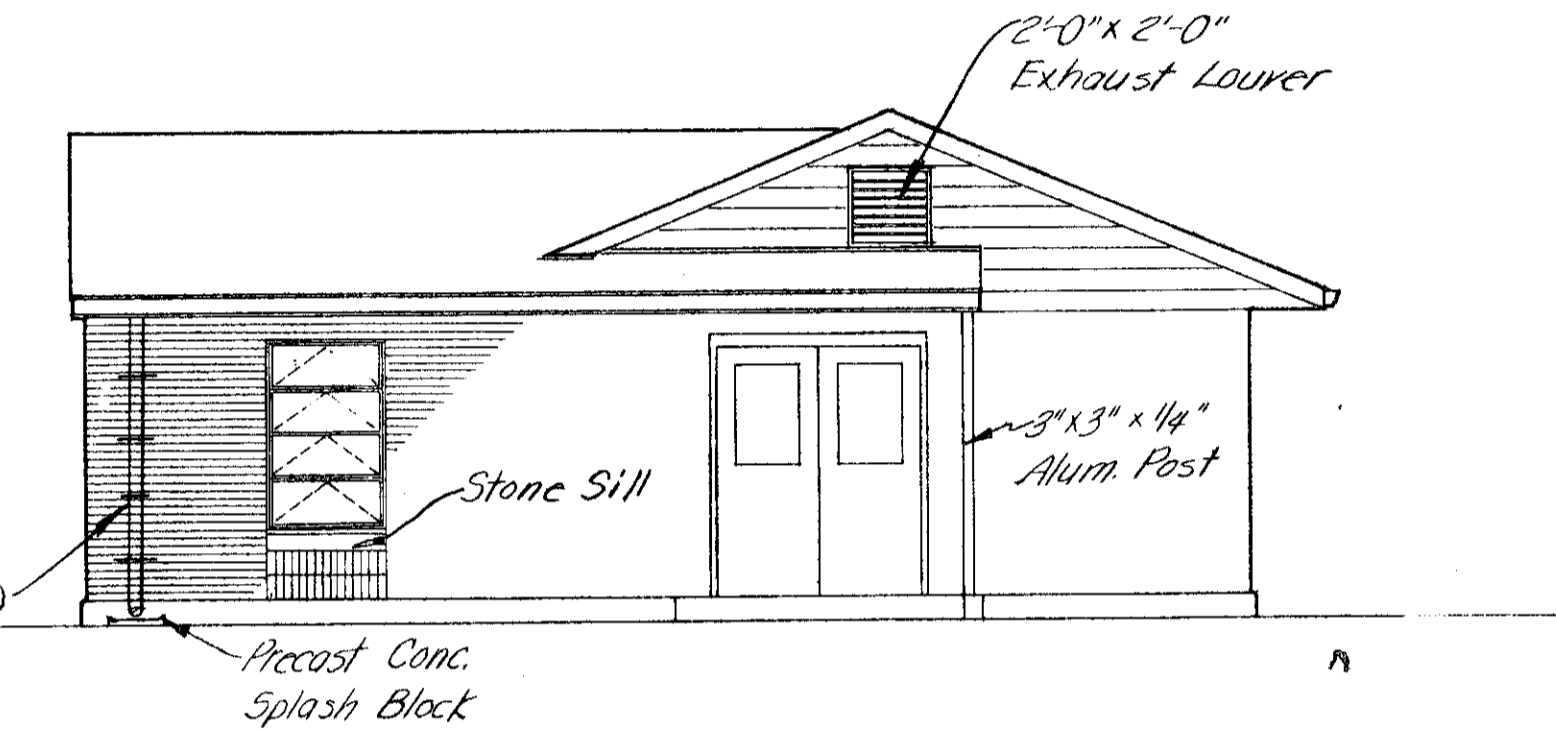
NORTH



WEST

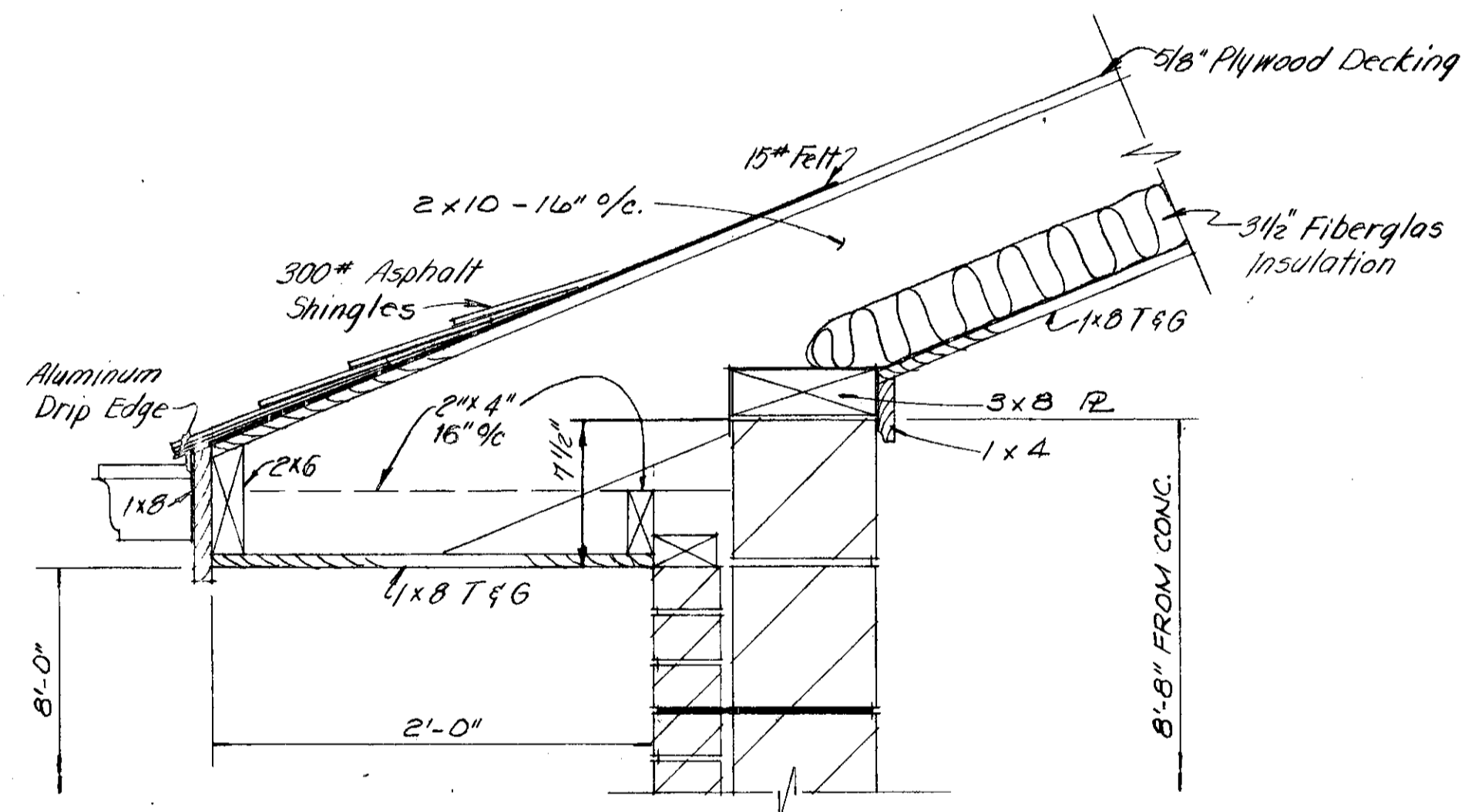


SOUTH

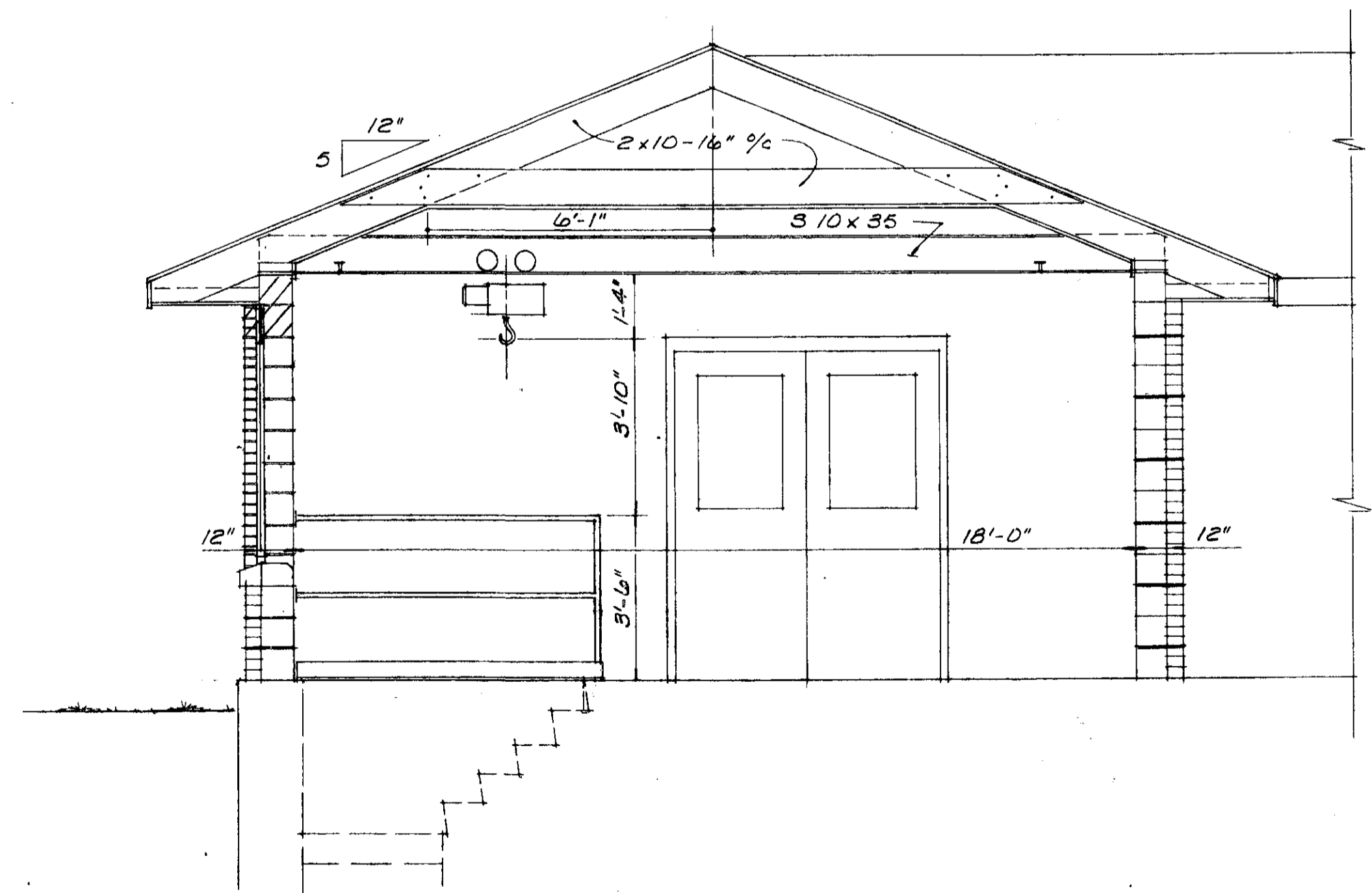


EAST

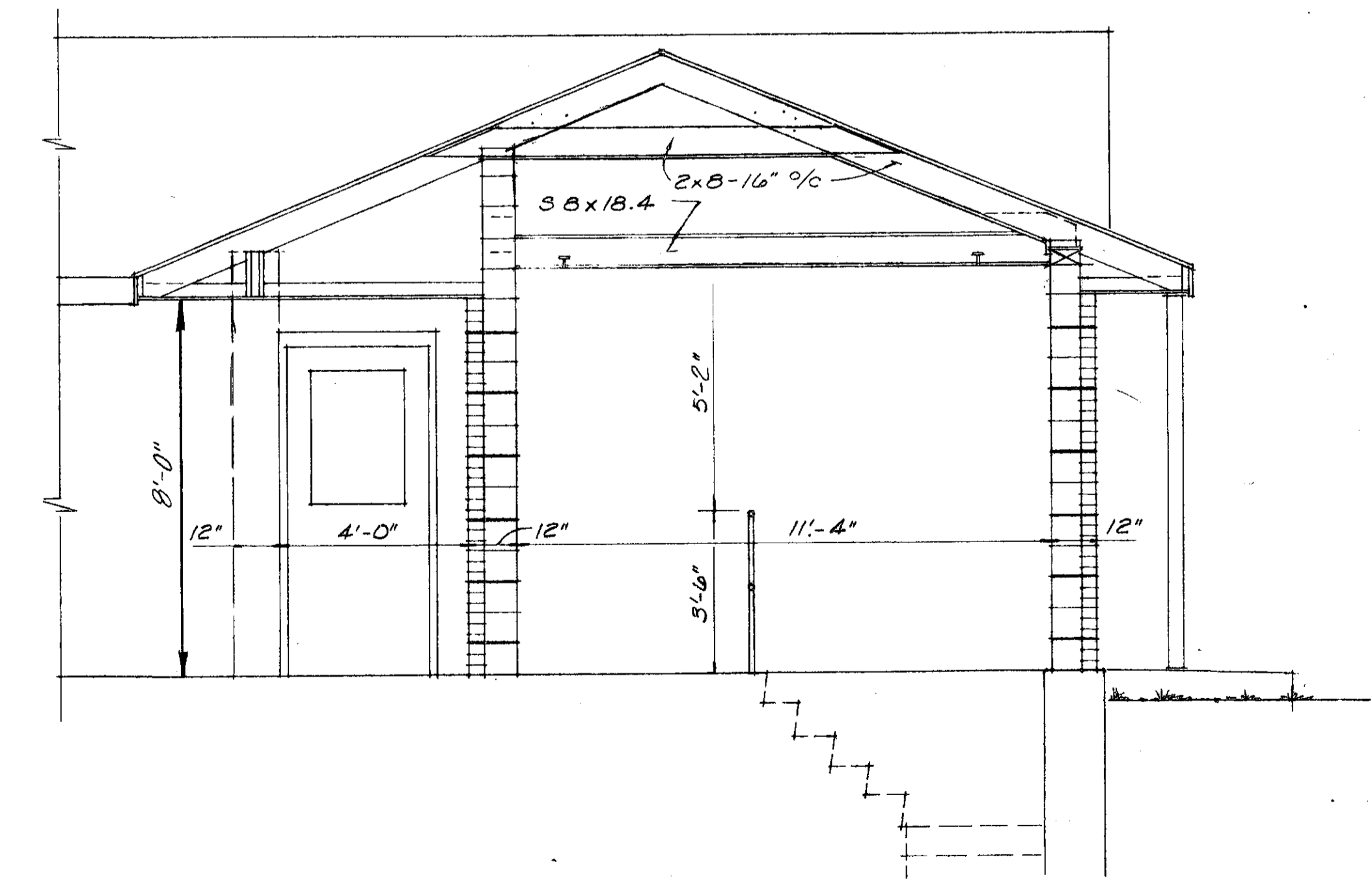
ELEVATIONS  
SCALE: 3/16\"/>



EAVE SECTION



MAIN



WING

TYPICAL SECTIONS  
SCALE: 3/16\"/>

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BURGESS & NIPLE, LIMITED CONSULTING ENGINEERS  
COLUMBUS, OHIO

DELAWARE COUNTY, OHIO  
ALUM CREEK PUMPING STATION

DESIGNED BY WJN  
DRAWN BY DEH  
CHECKED BY  
APPROVED BY

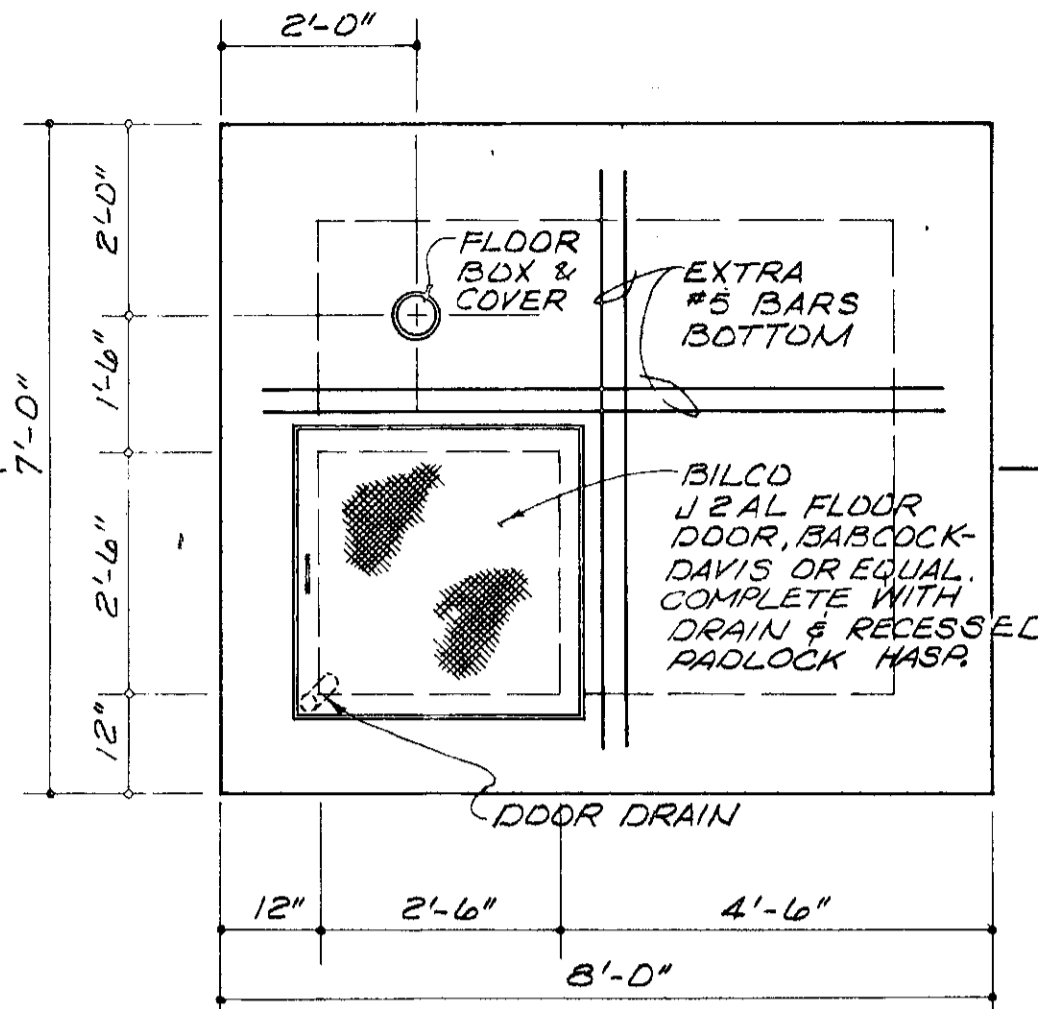
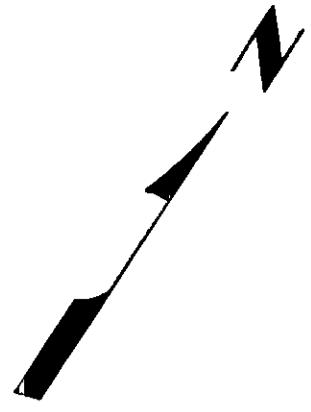
REVISIONS

SCALE AS NOTED  
JOB NO. 4230  
DATE APRIL, 1975

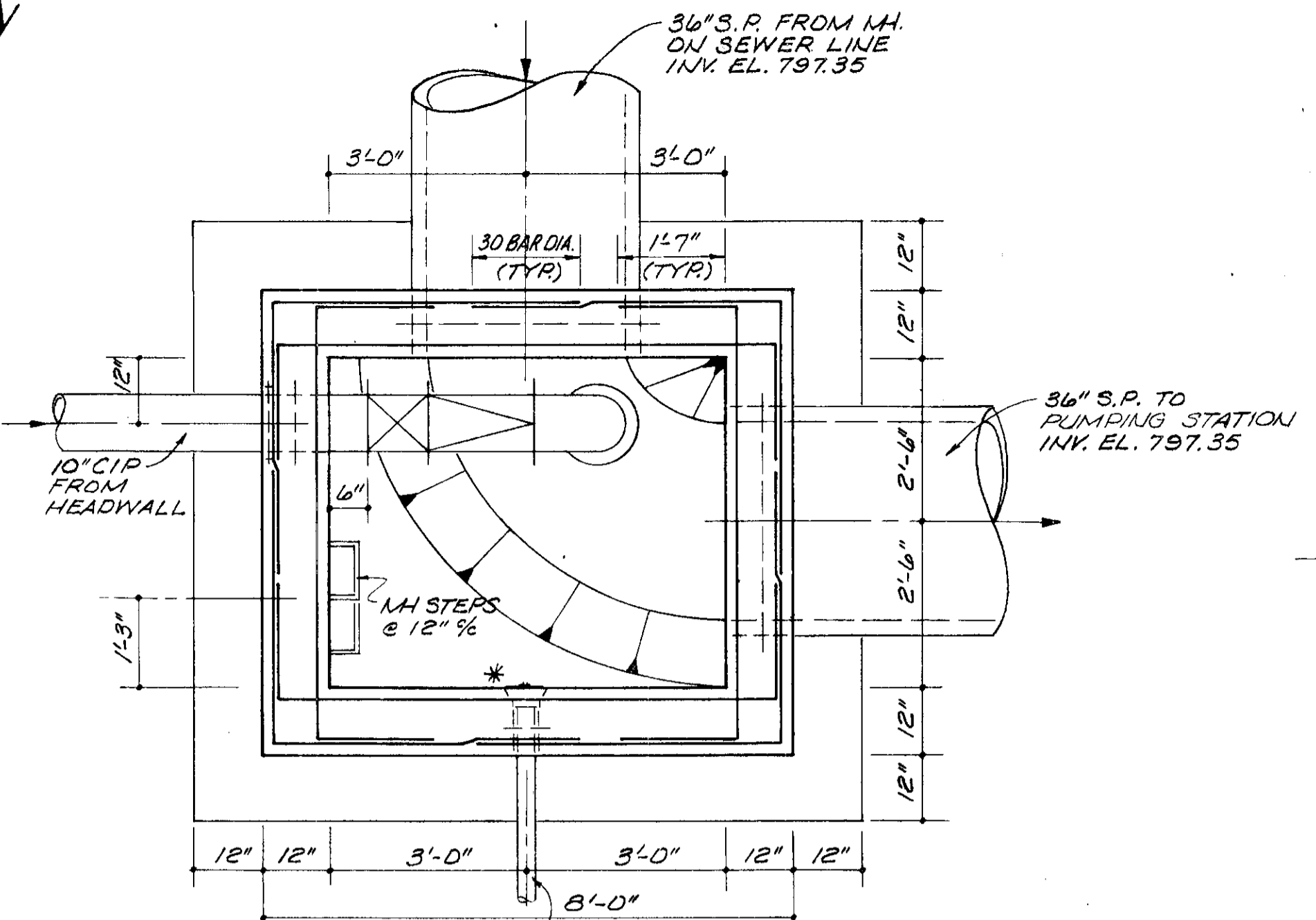
ELEVATIONS & ARCHITECTURAL DETAILS

SHEET NO. 13

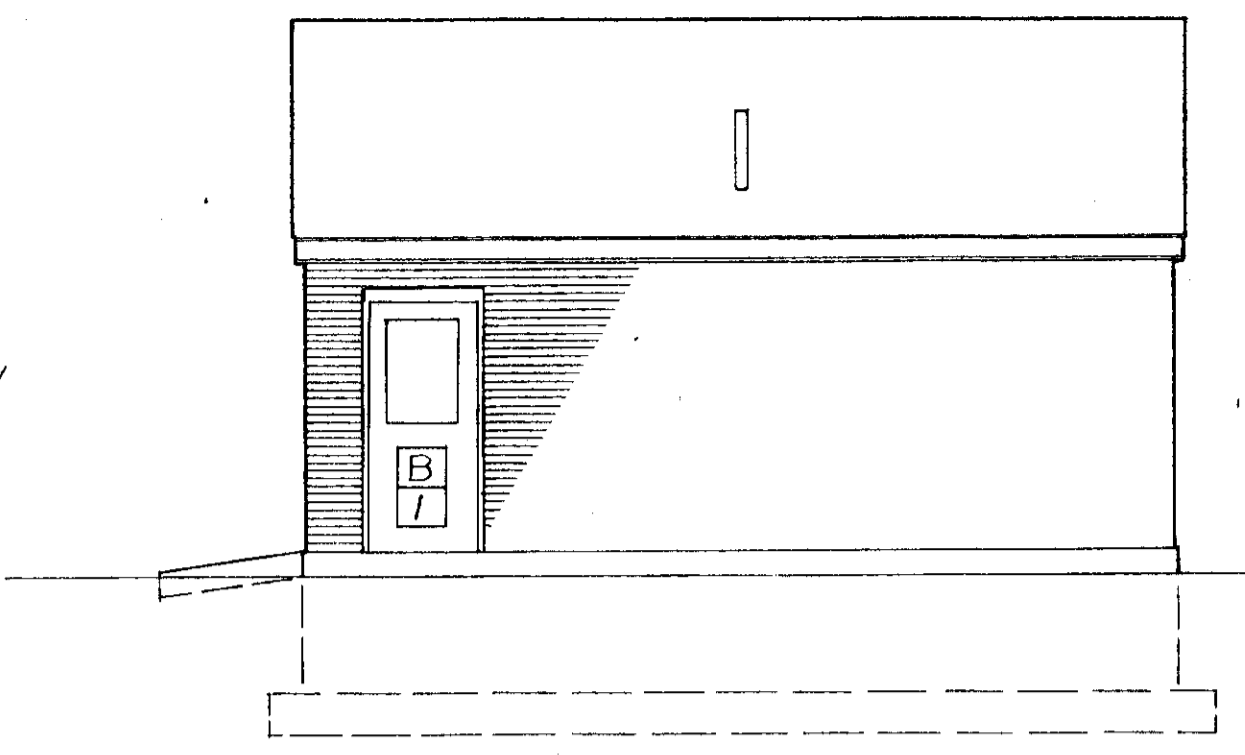




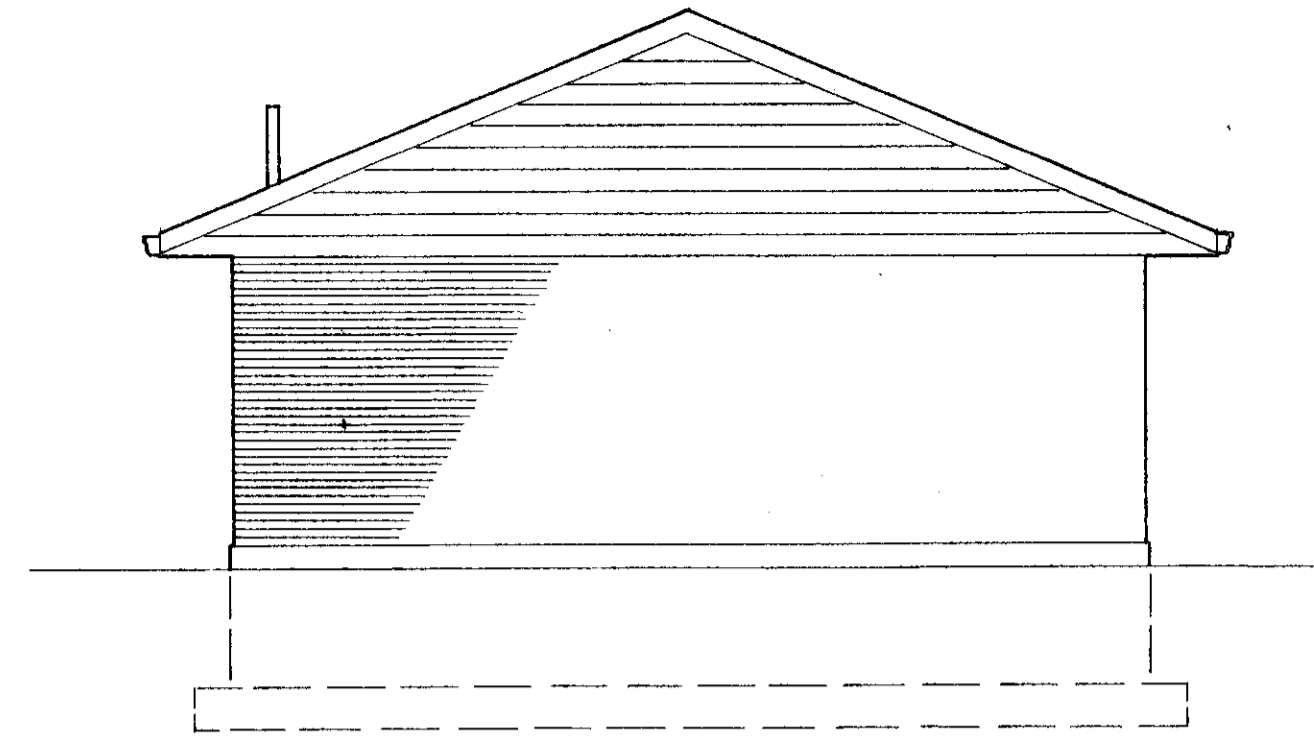
UPPER PLAN



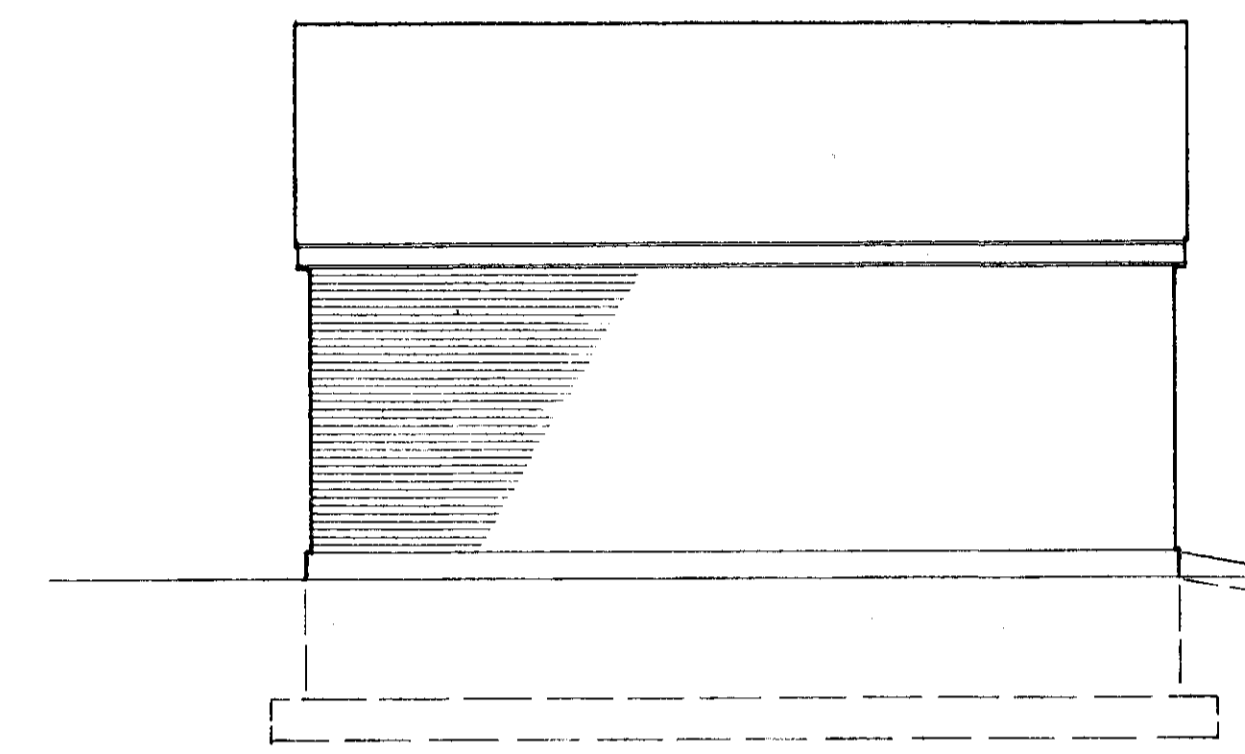
LOWER PLAN  
(SHOWING HORIZONTAL WALL REINFORCEMENT)



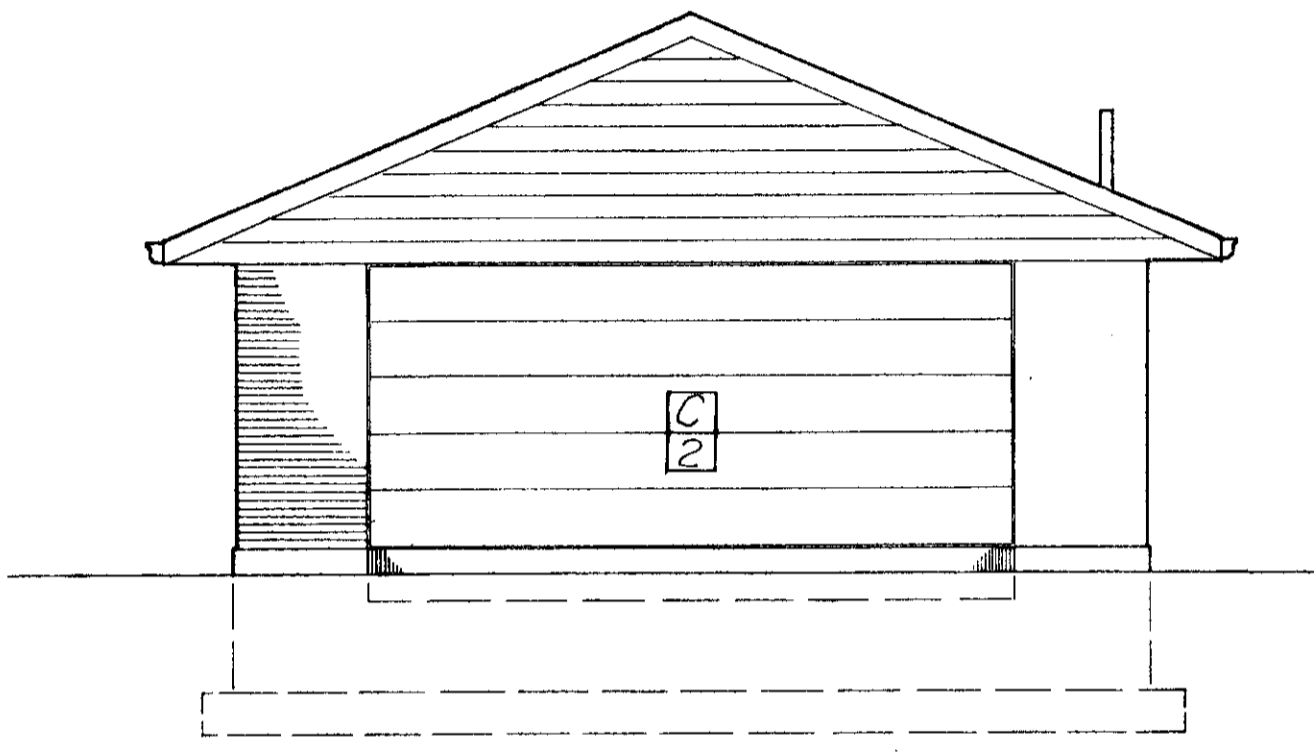
NORTH



WEST

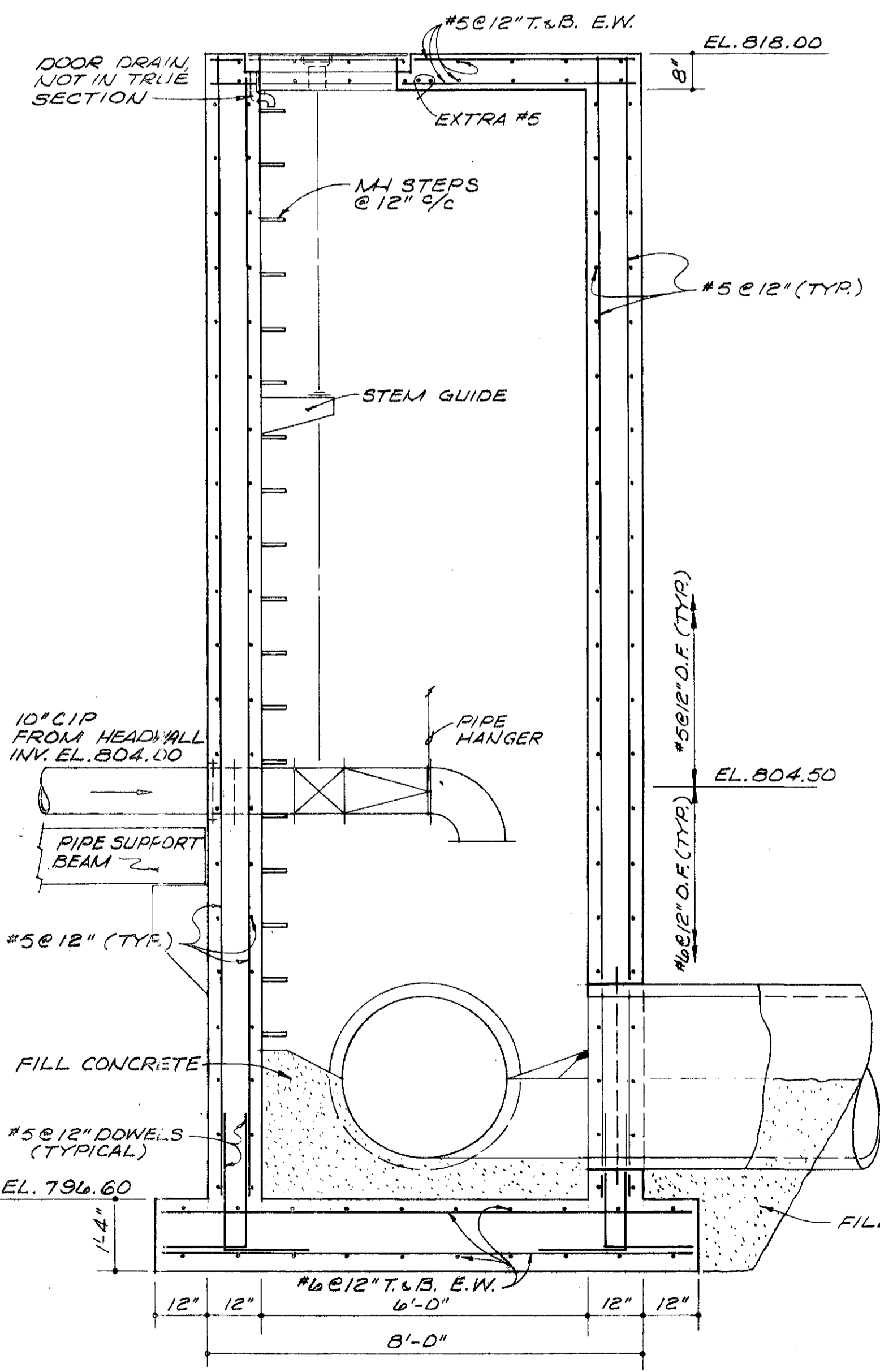


SOUTH



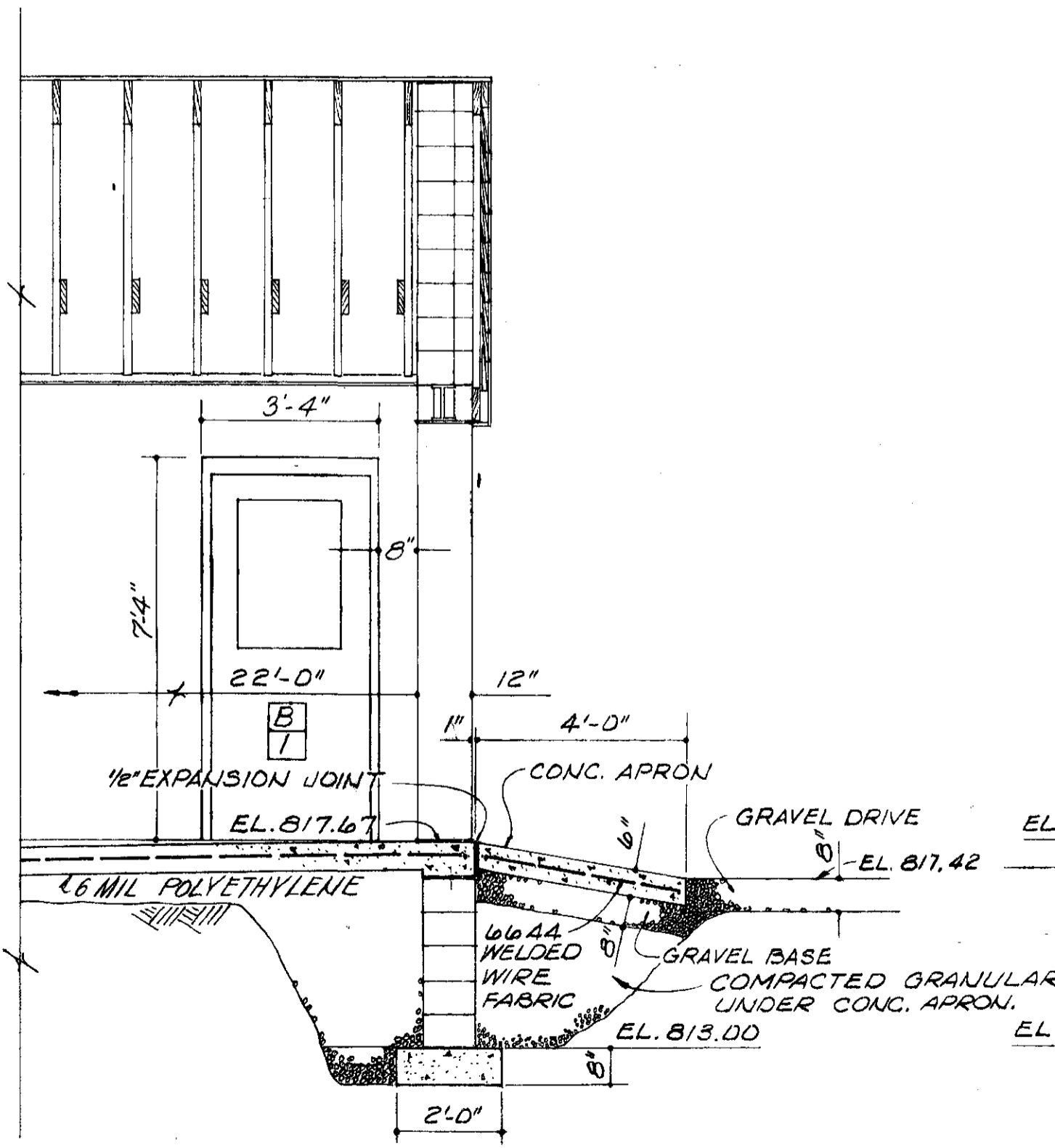
EAST

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

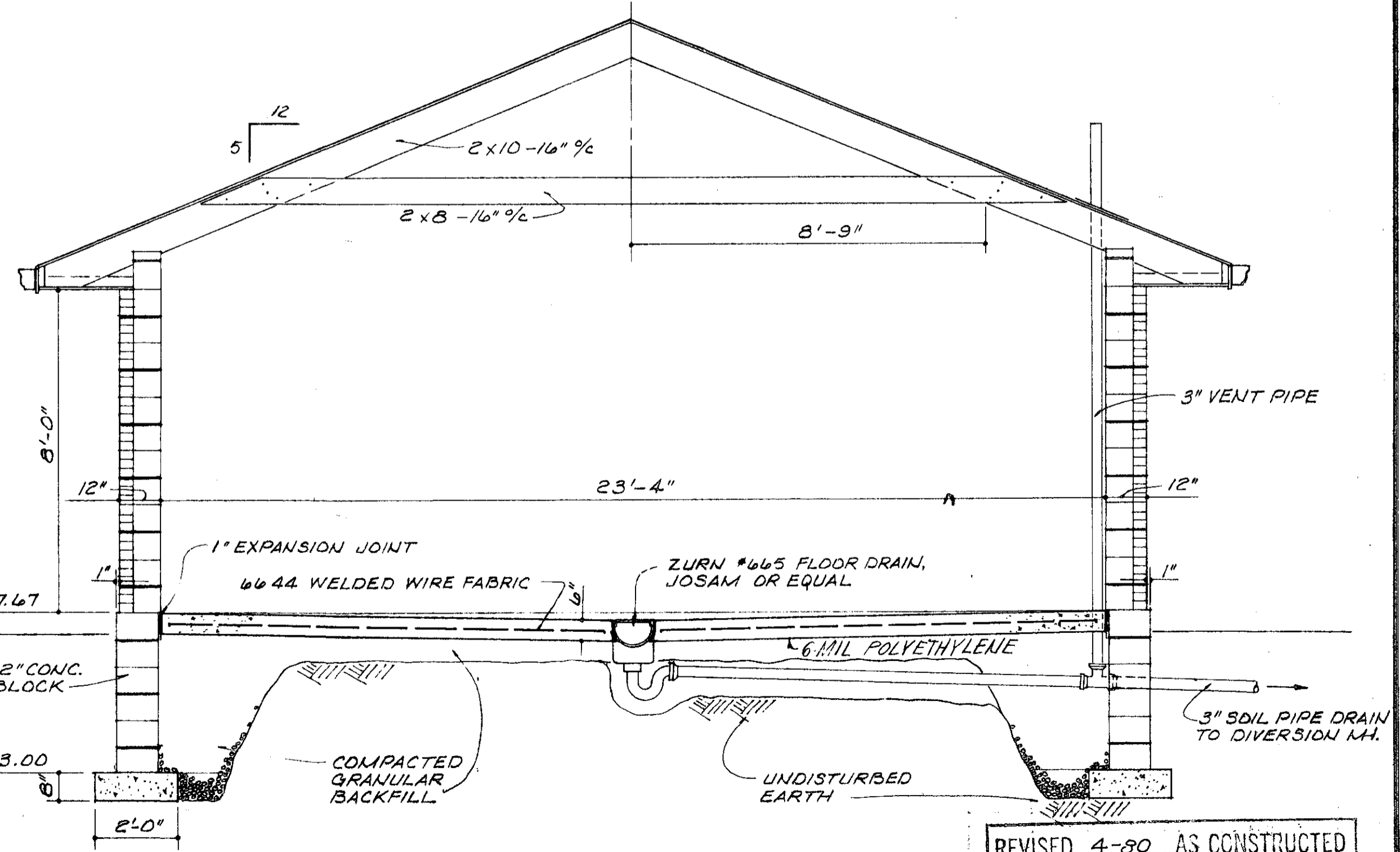


SECTION A-A

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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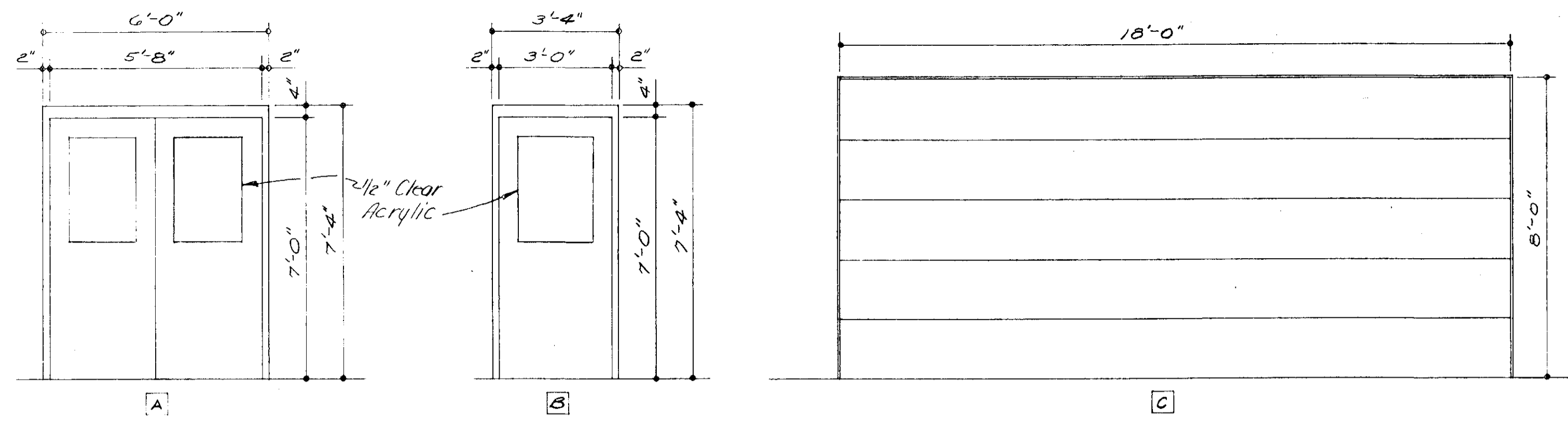
DELAWARE COUNTY, OHIO  
ALUM CREEK PUMPING STATION

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

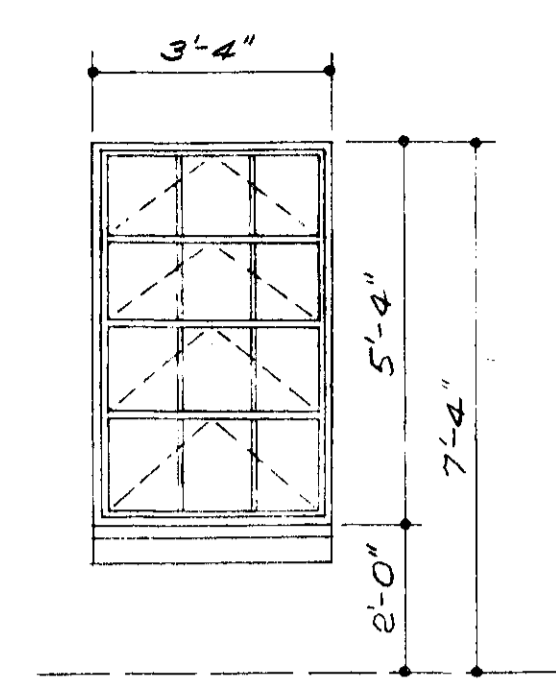
SCALE AS NOTED  
JOB NO. 4290  
DATE APRIL, 1975

GARAGE & DIVERSION MANHOLE

SHEET NO. 14



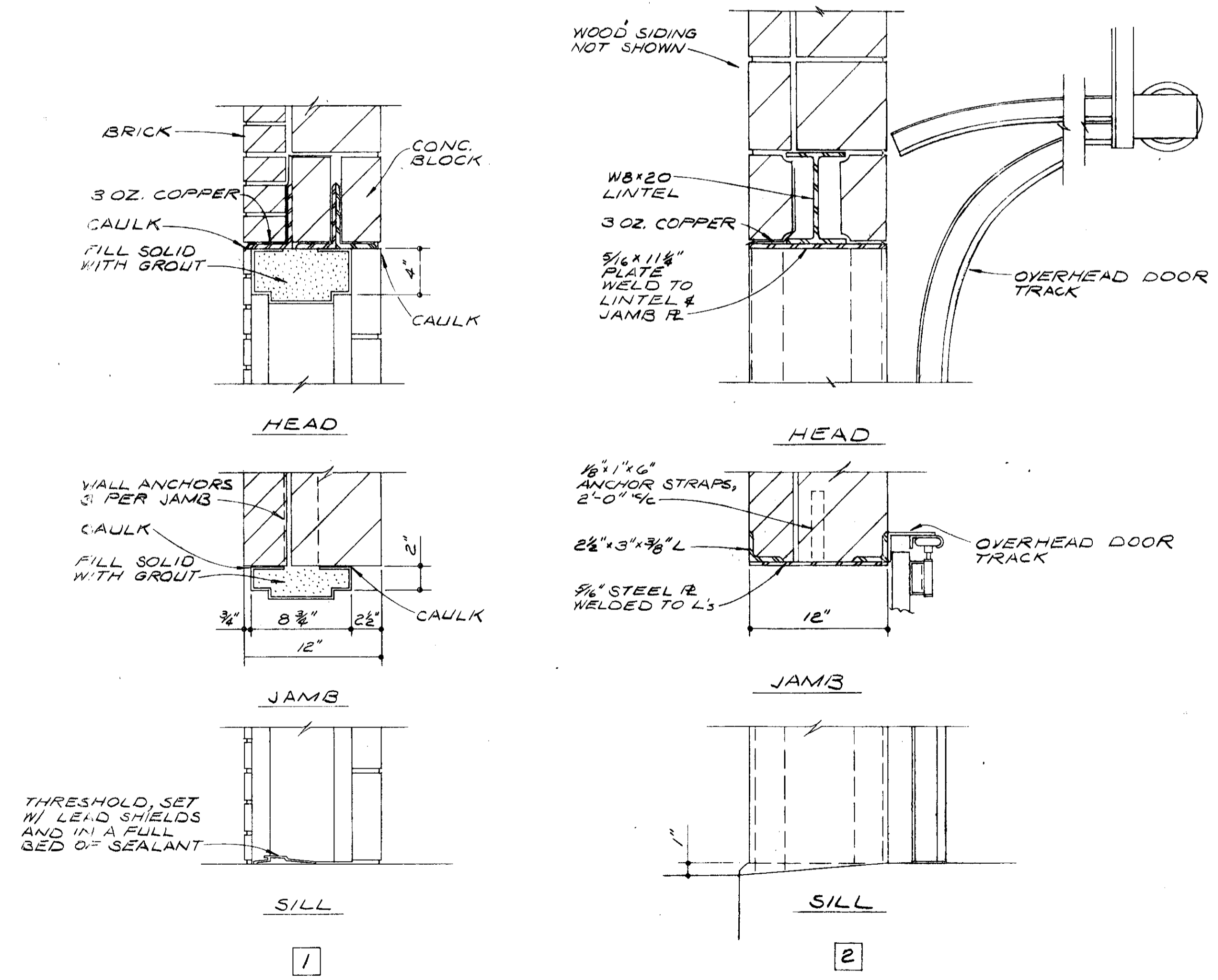
DOOR ELEVATIONS



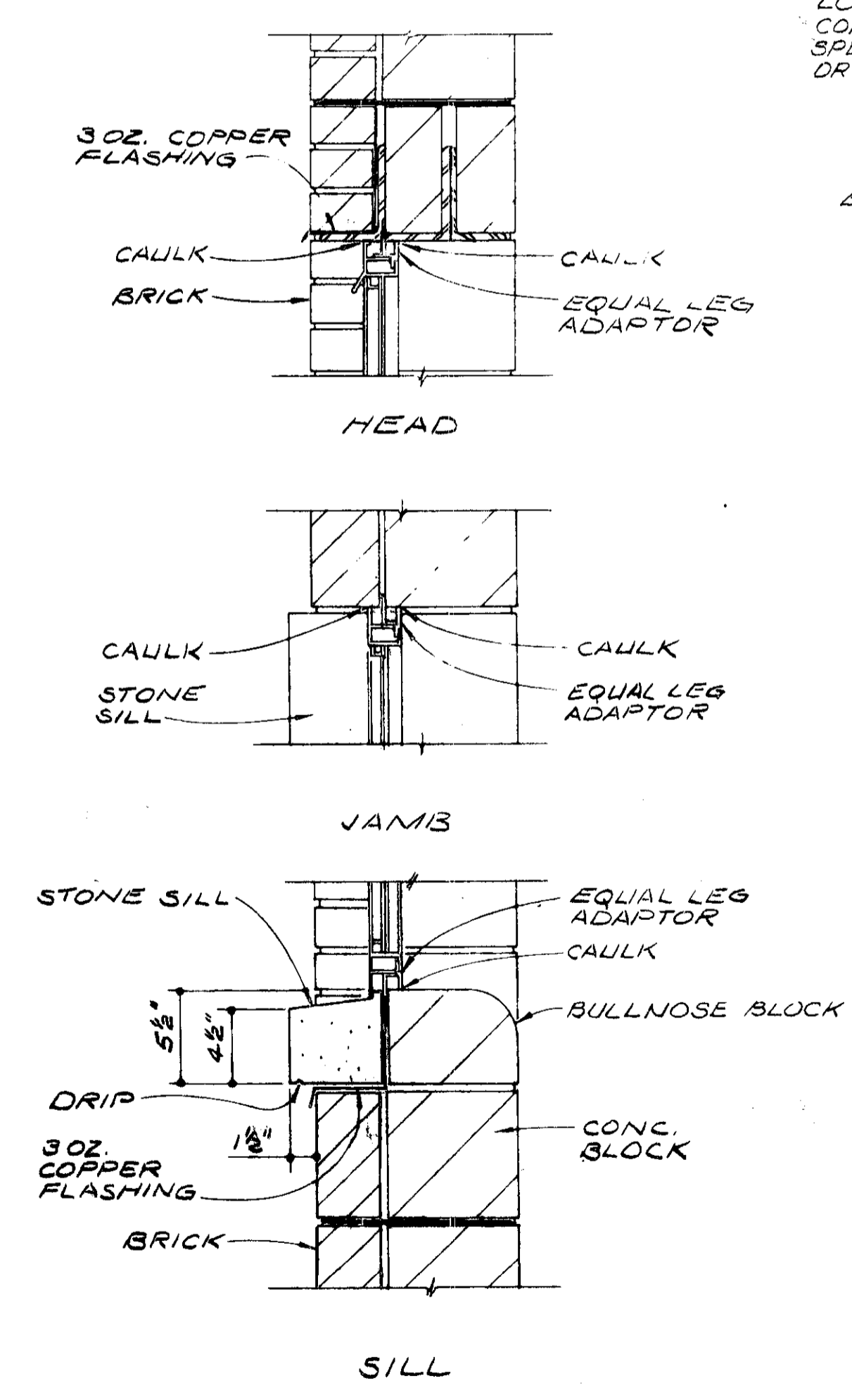
WINDOW ELEVATION

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.

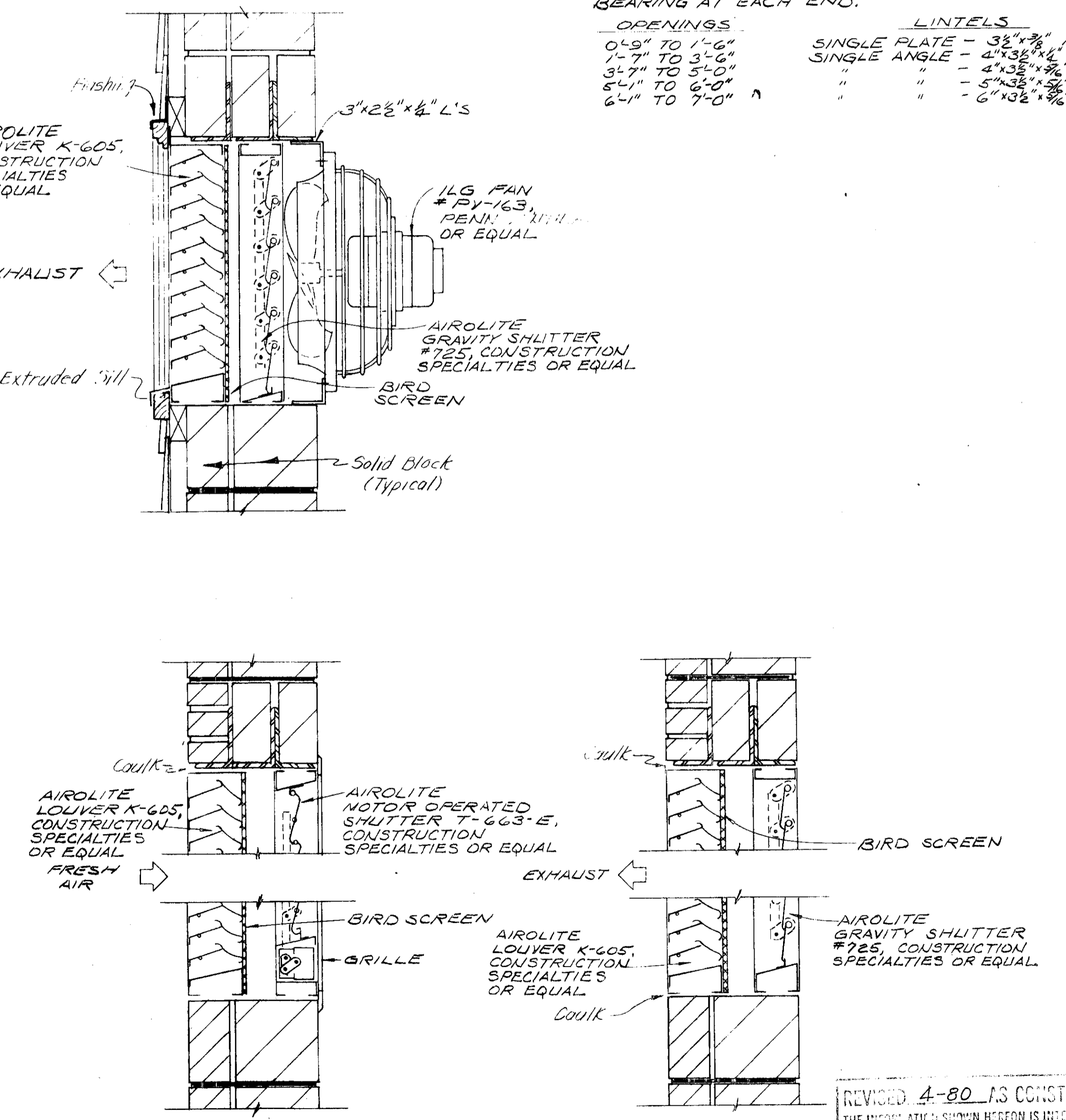
OPENINGS	LINTELS
0'-9" TO 1'-6"	SINGLE PLATE - 3/8" x 3/4" FLAT
1'-7" TO 3'-6"	SINGLE ANGLE - 4" x 3 1/2" x 1/2" LLLV
3'-7" TO 5'-0"	" " - 4" x 3 1/2" x 3/4" LLLV
5'-1" TO 6'-0"	" " - 5" x 3 1/2" x 3/4" LLLV
6'-1" TO 7'-0"	" " - 6" x 3 1/2" x 3/4" LLLV



DOOR DETAILS



WINDOW DETAILS



LOUVER DETAILS

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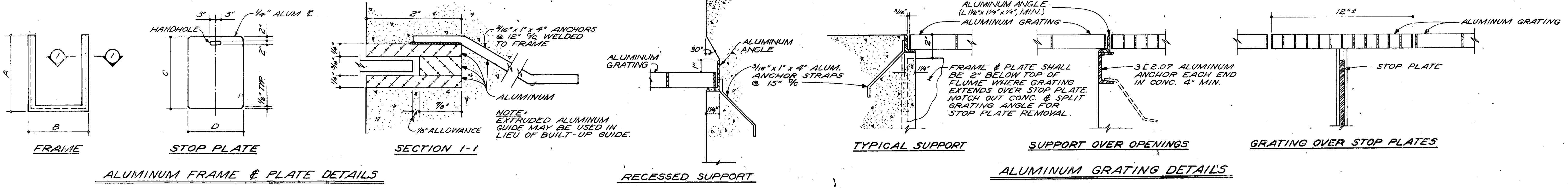
DELAWARE COUNTY, OHIO  
ALUM CREEK PUMPING STATION

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

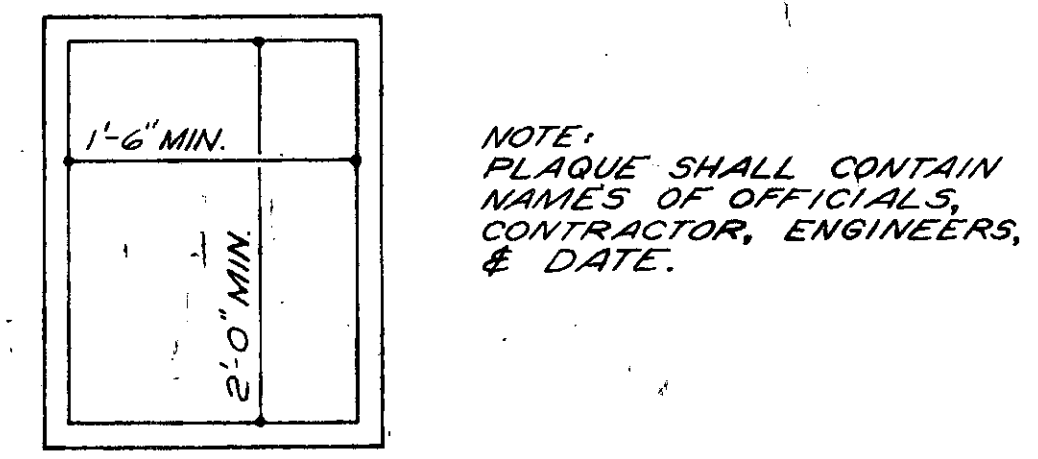
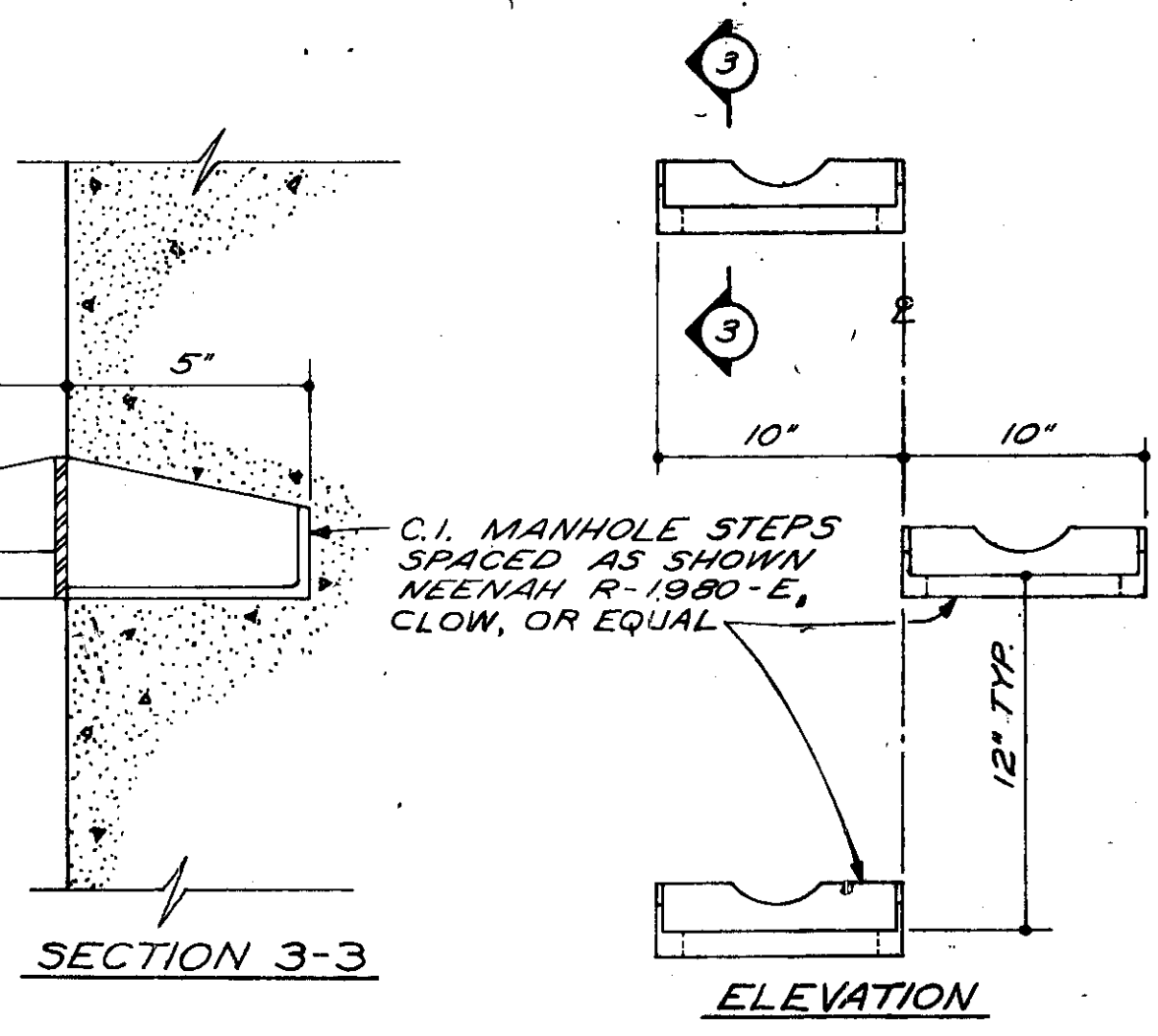
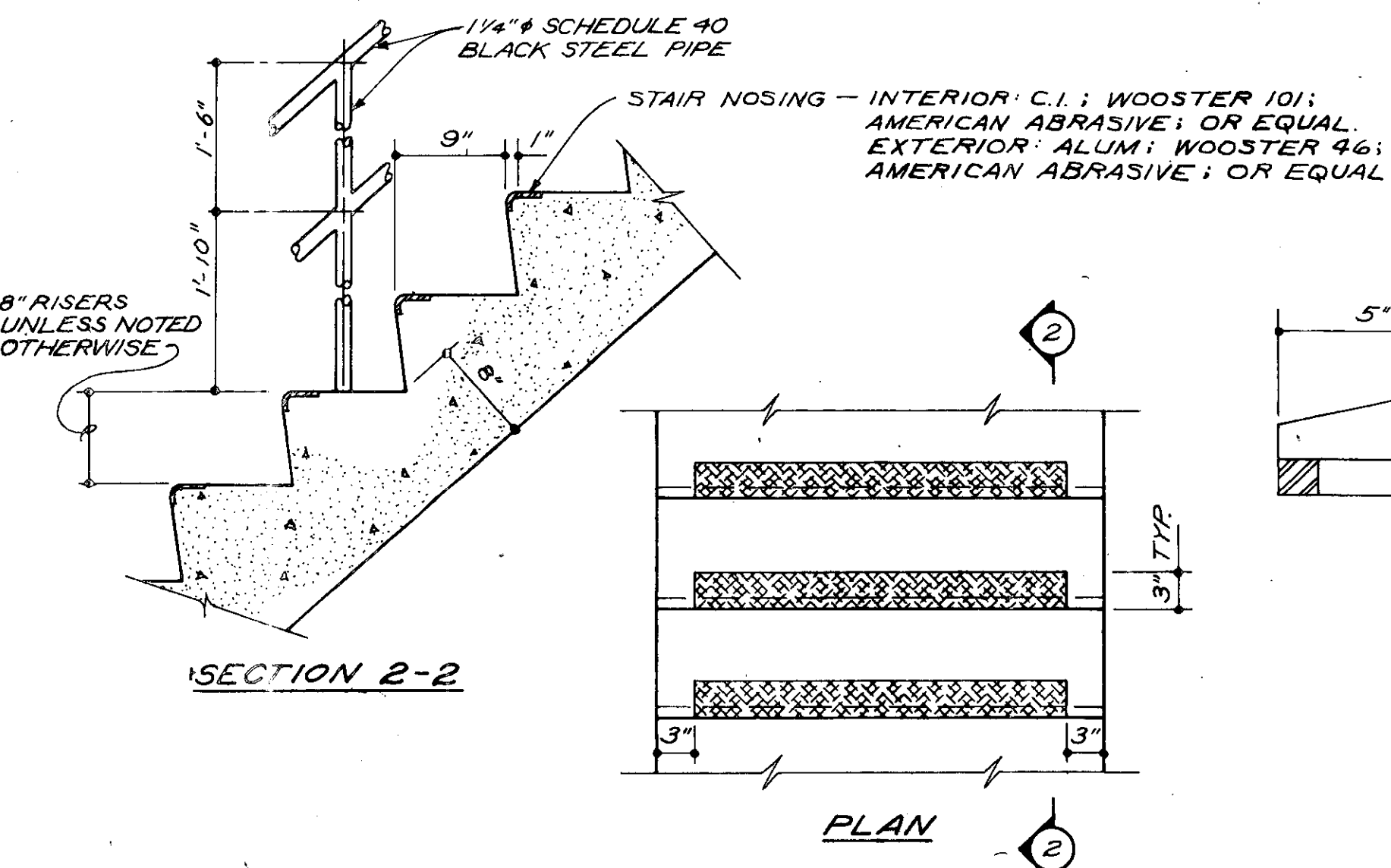
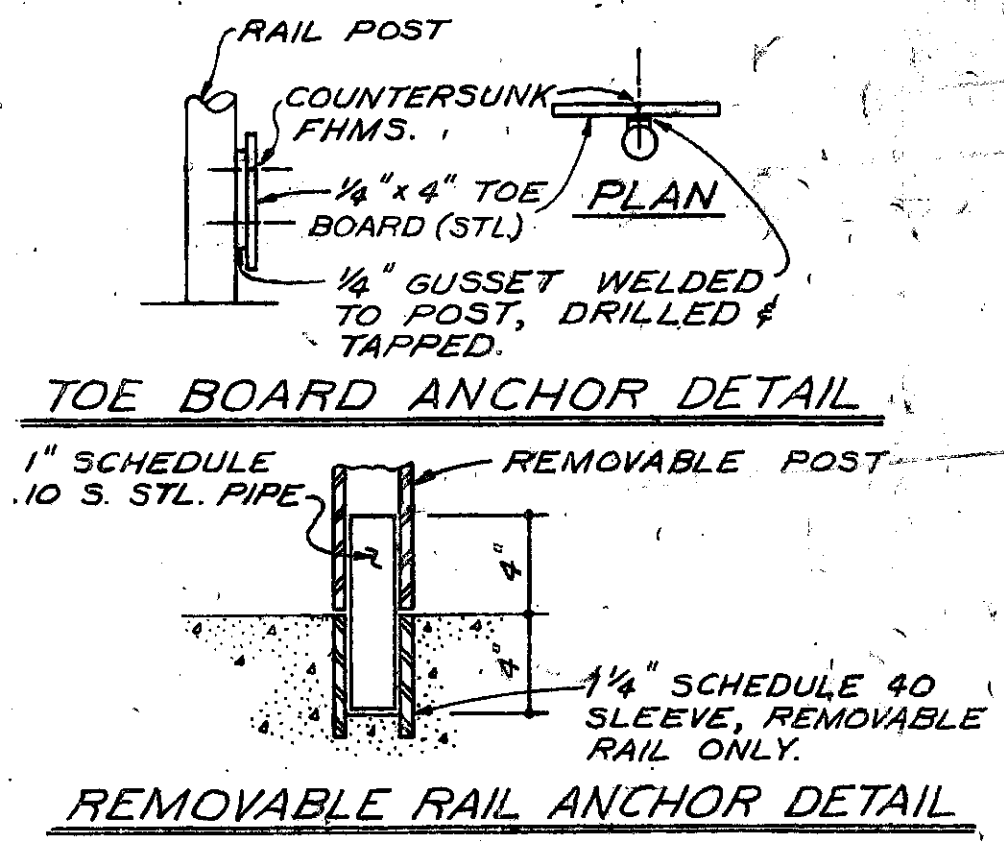
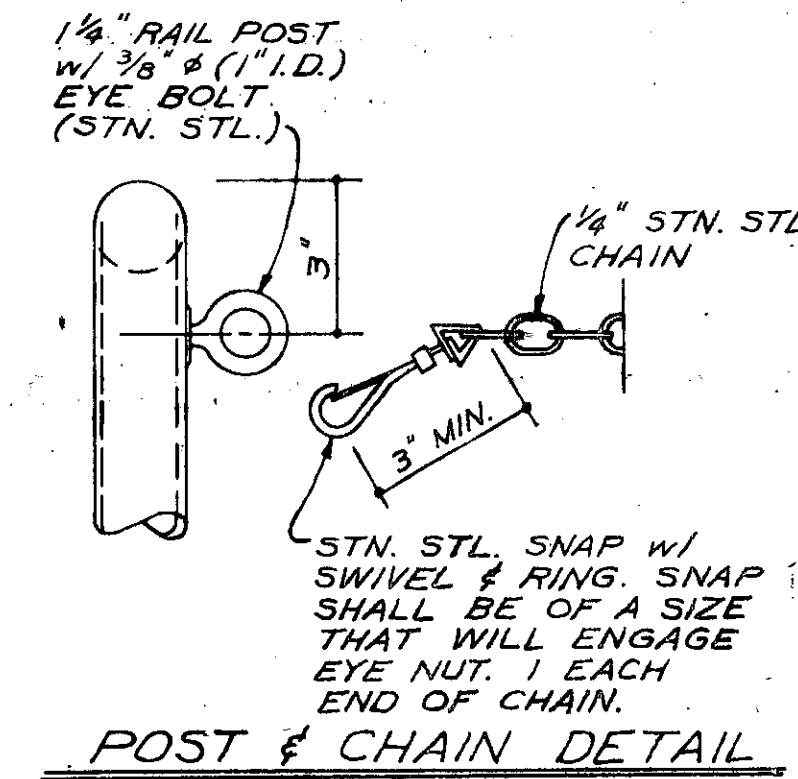
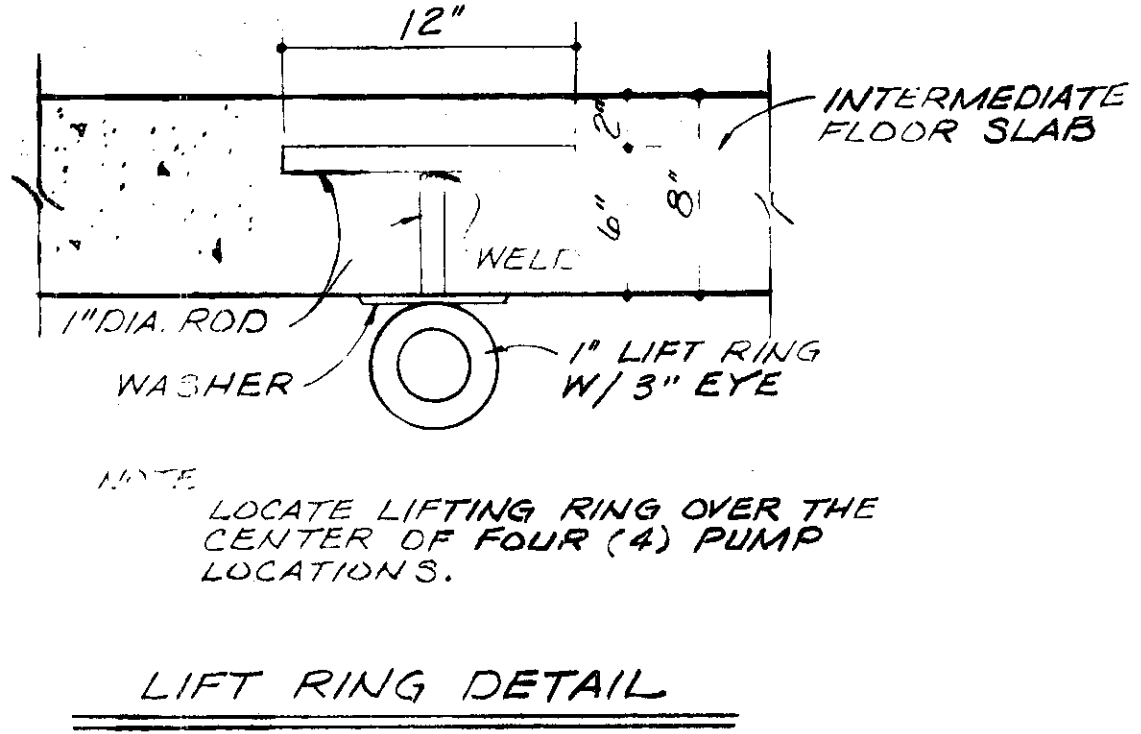
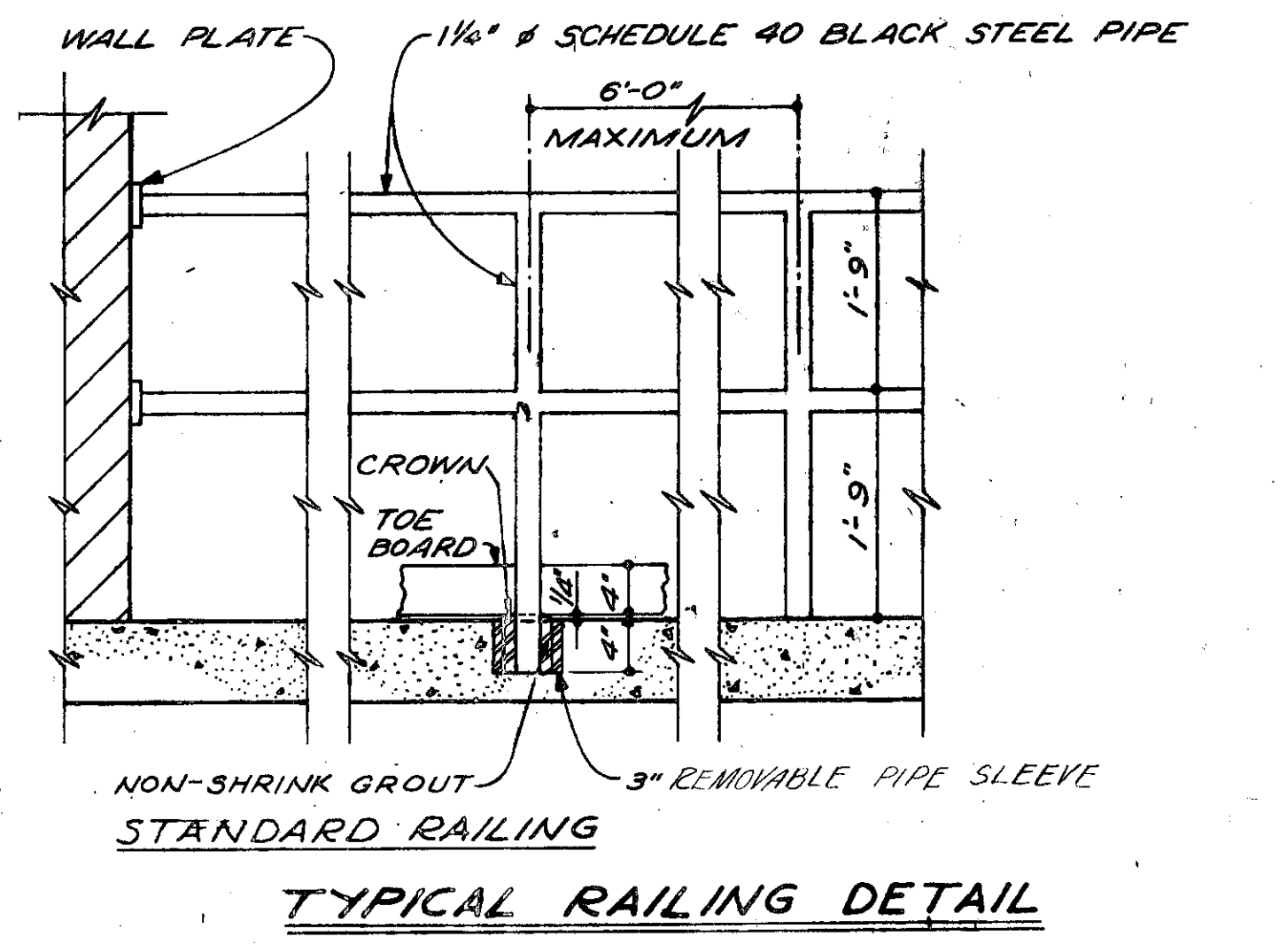
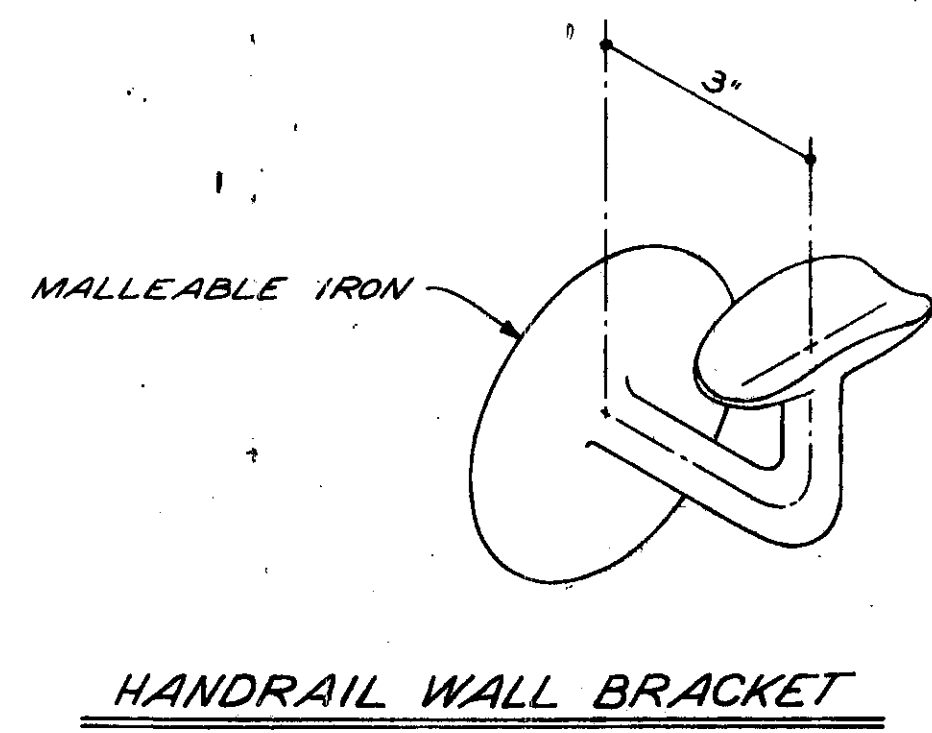
SHEET NO. 15



**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 stop plate frame length.



**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)

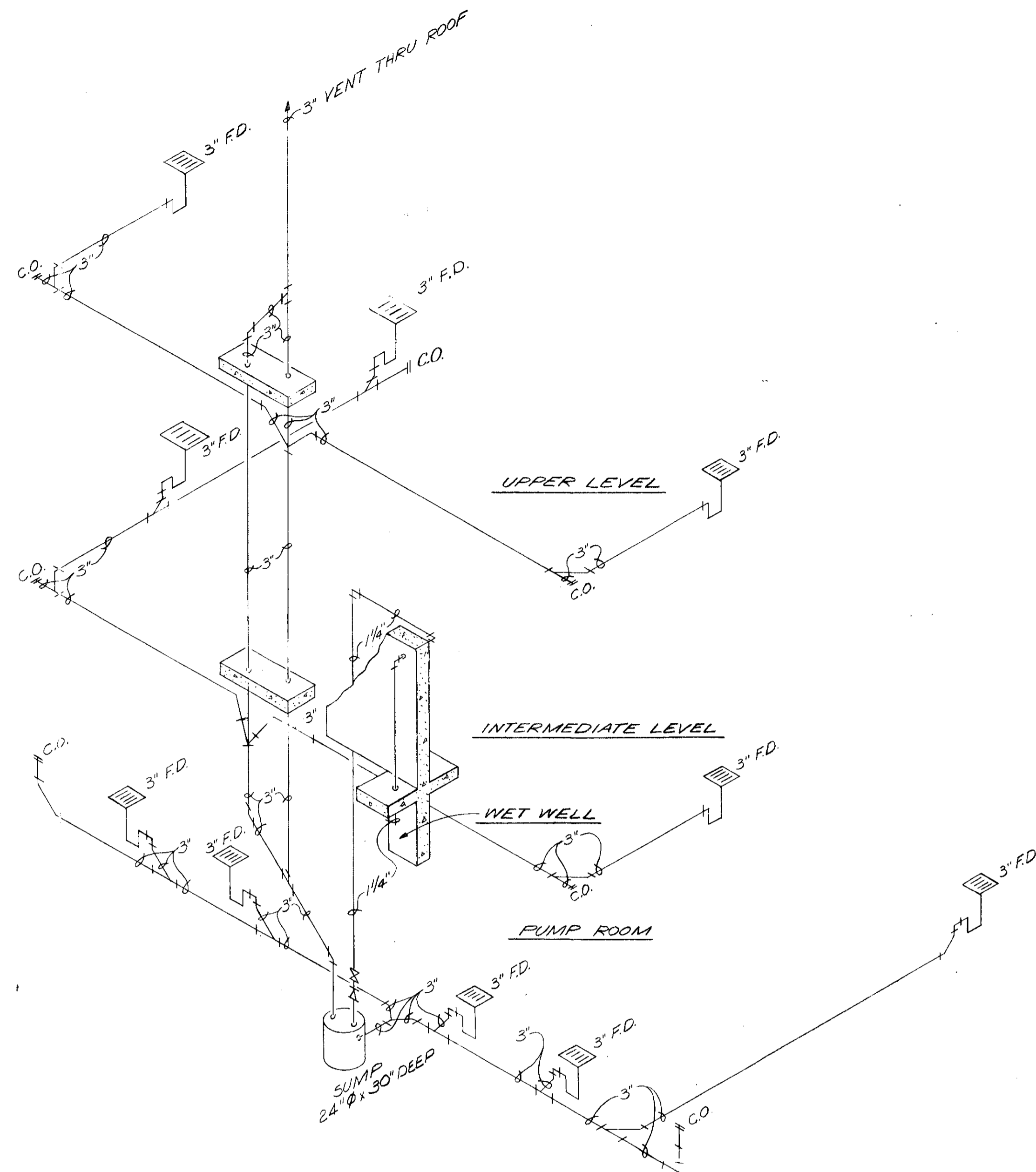
MAXIMUM LIFT LOAD  
 4000 LBS.

LIFT LOAD PLATE  
 (PLASTIC)

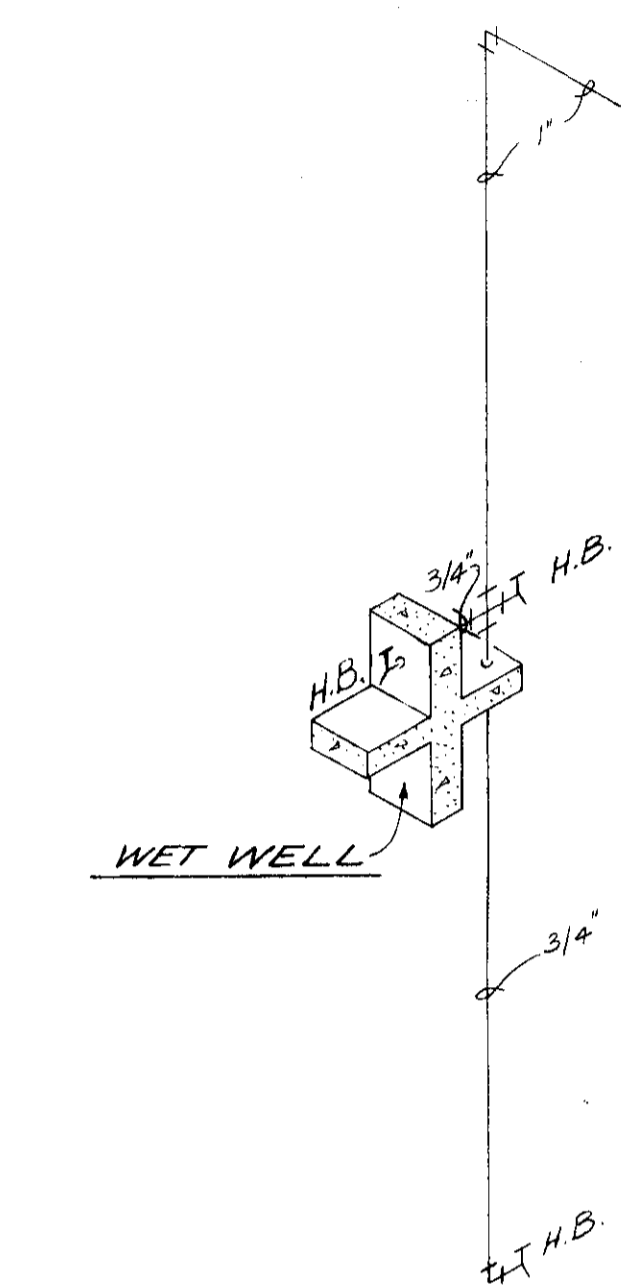
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NOTE: ALL ALUMINUM IN CONTACT WITH CONCRETE OR DISSIMILAR METALS SHALL BE COATED WITH TWO (2) COATS OF BITUMASTIC.

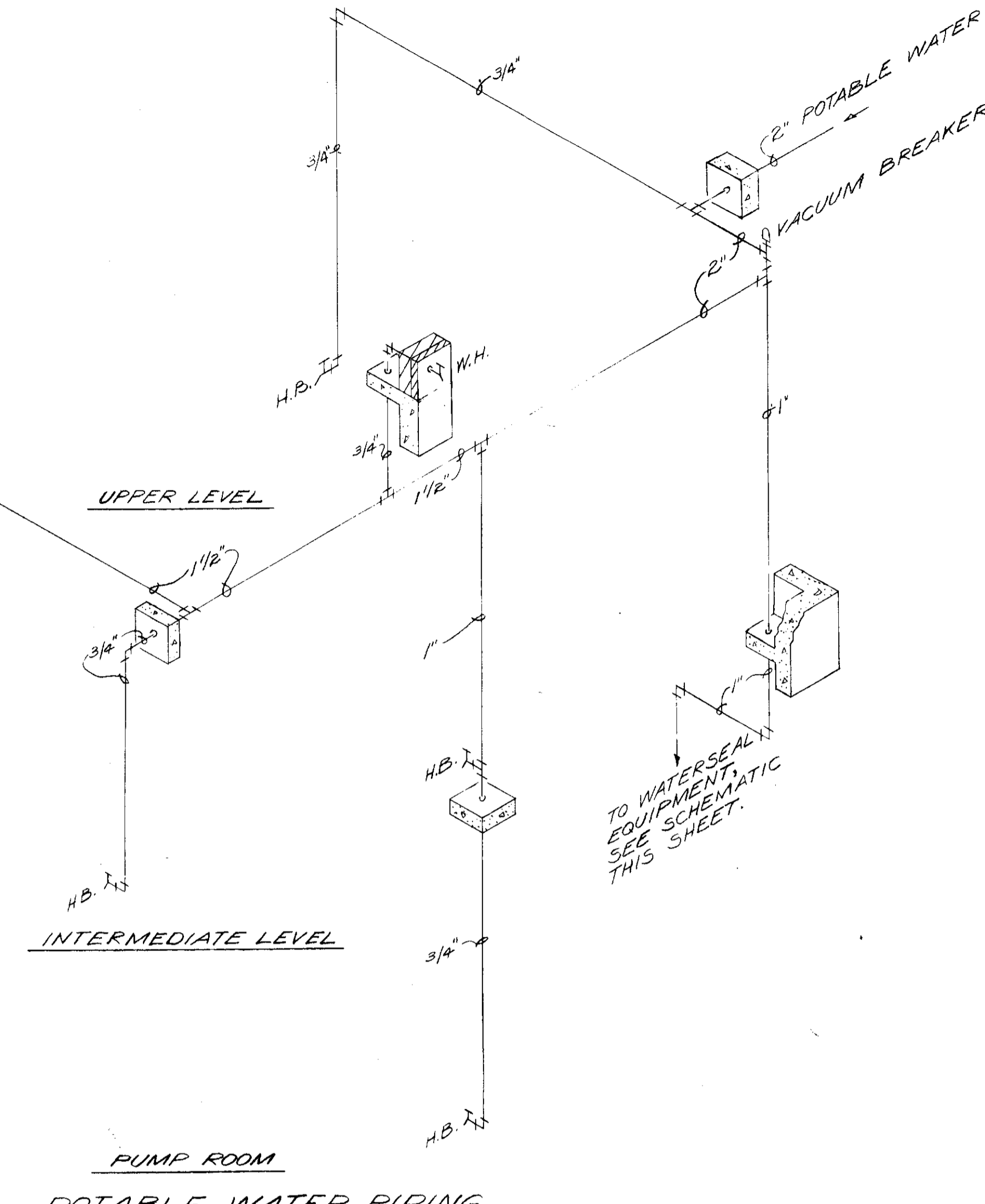




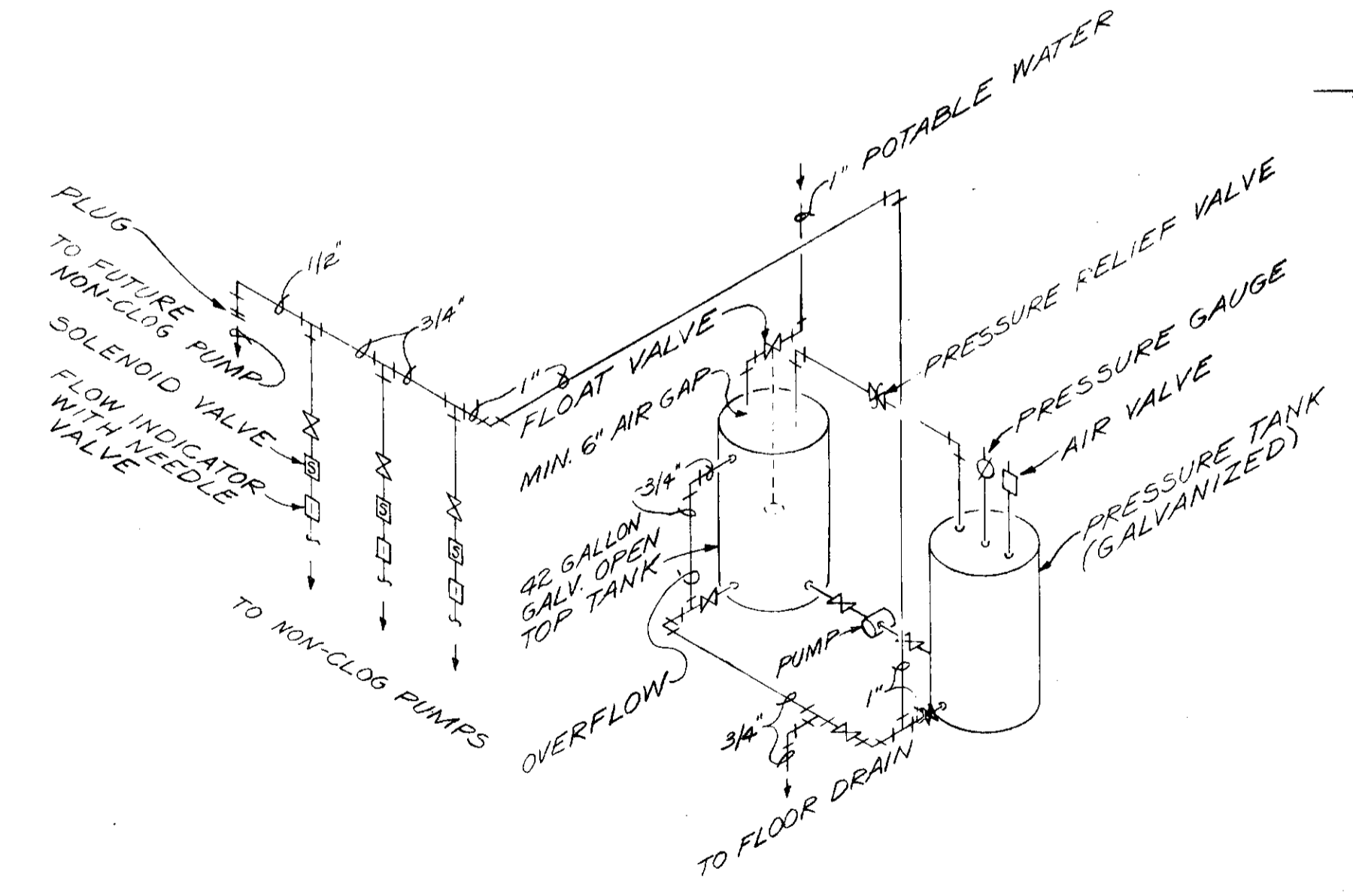
FLUSHING WATER DRAIN PIPING



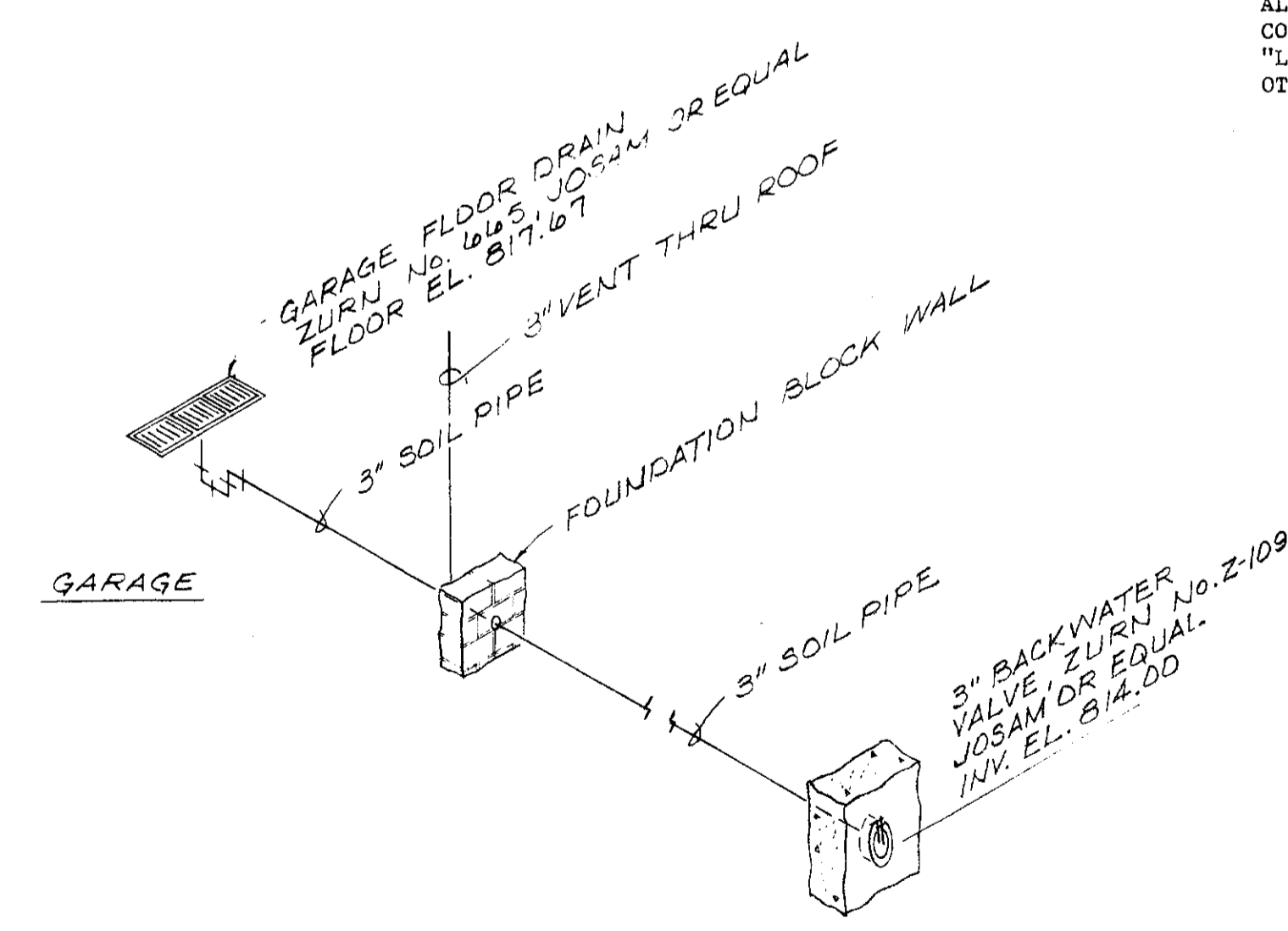
WET WELL



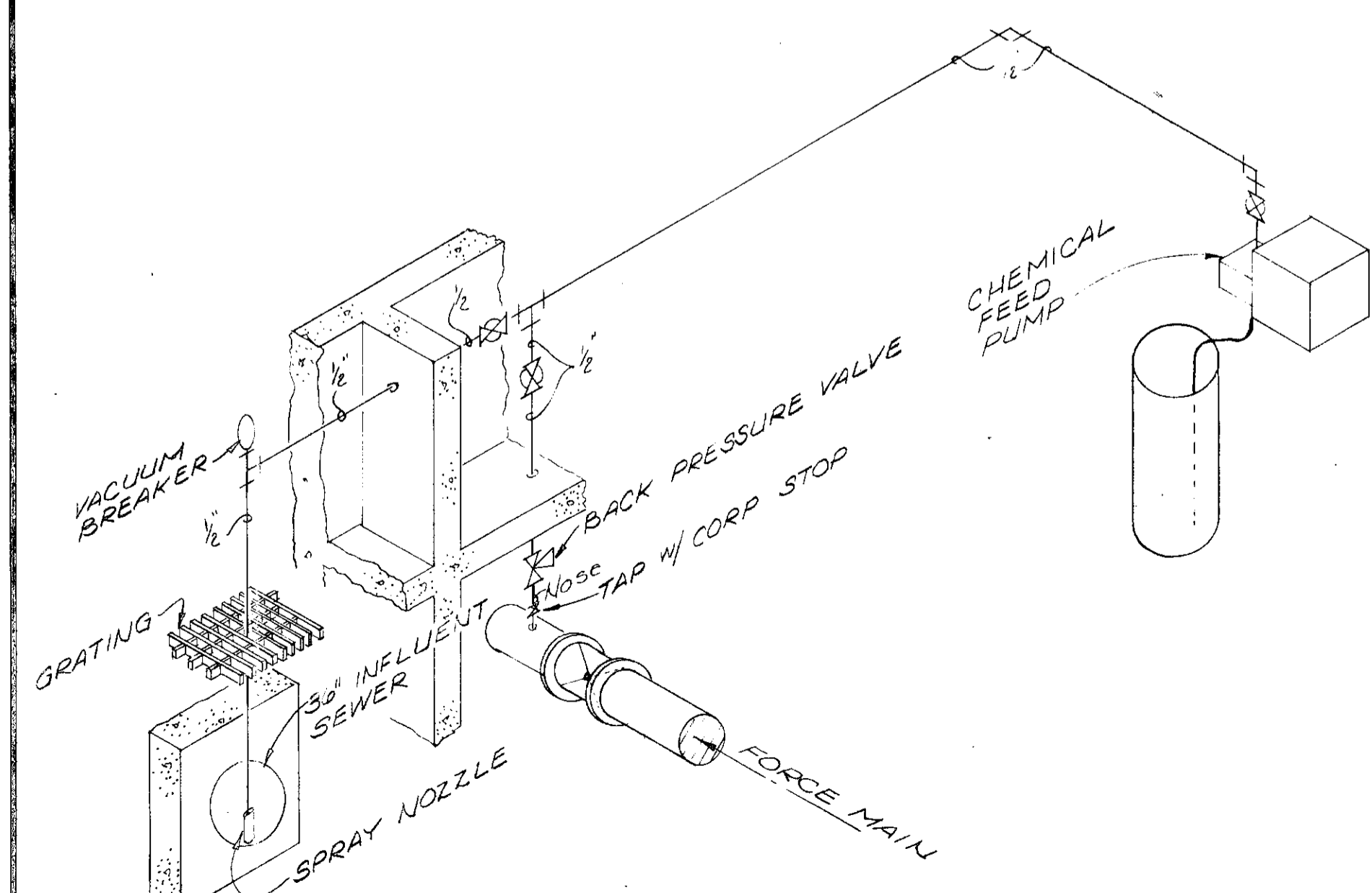
POTABLE WATER PIPING



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.

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 COLUMBUS, OHIO

**DELAWARE COUNTY, OHIO**  
**ALUM CREEK PUMPING STATION**

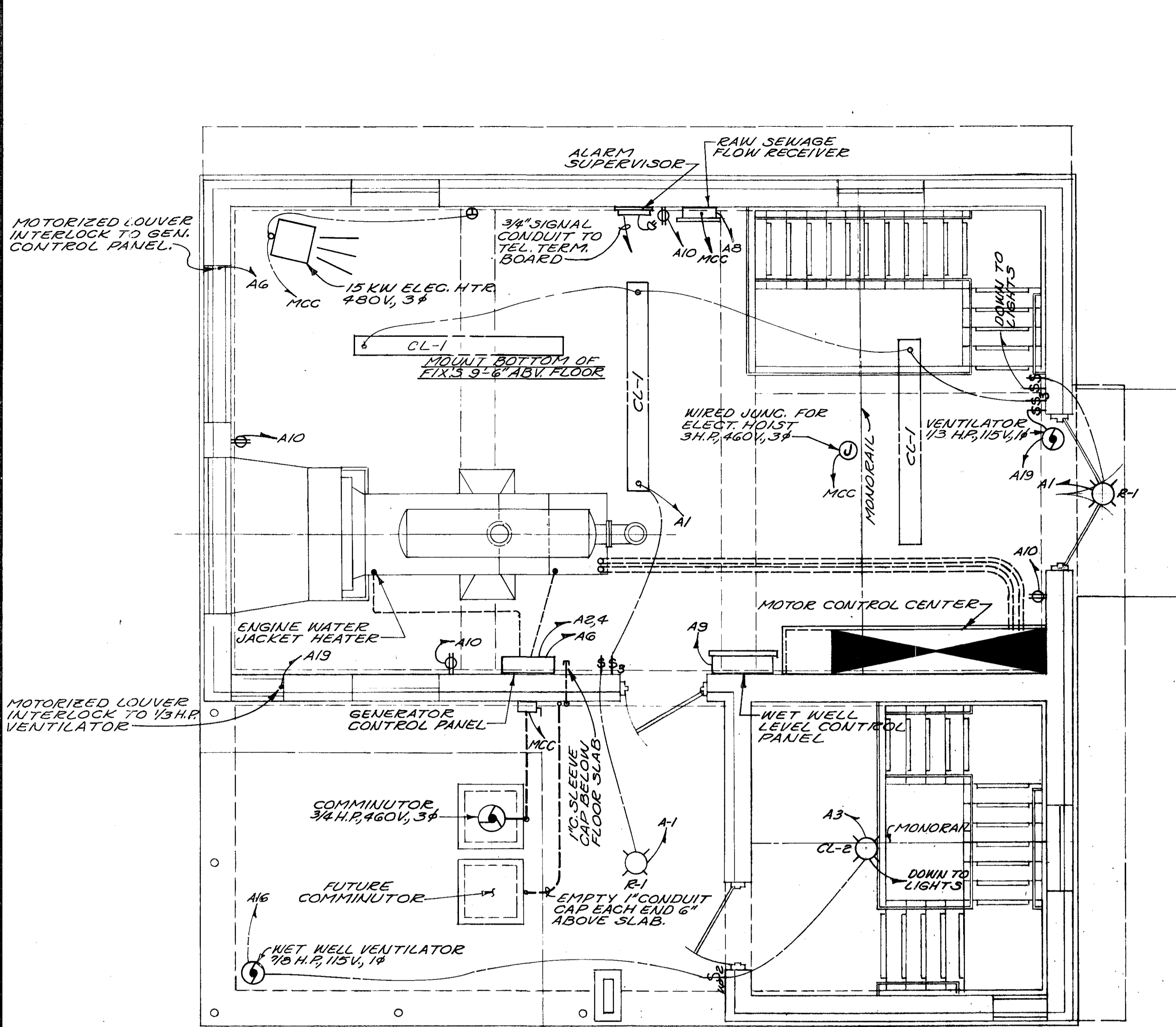
DESIGNED BY *W.B.H.*  
 DRAWN BY *G.M.D.*  
 CHECKED BY *W.B.H.*  
 APPROVED BY

REVISIONS

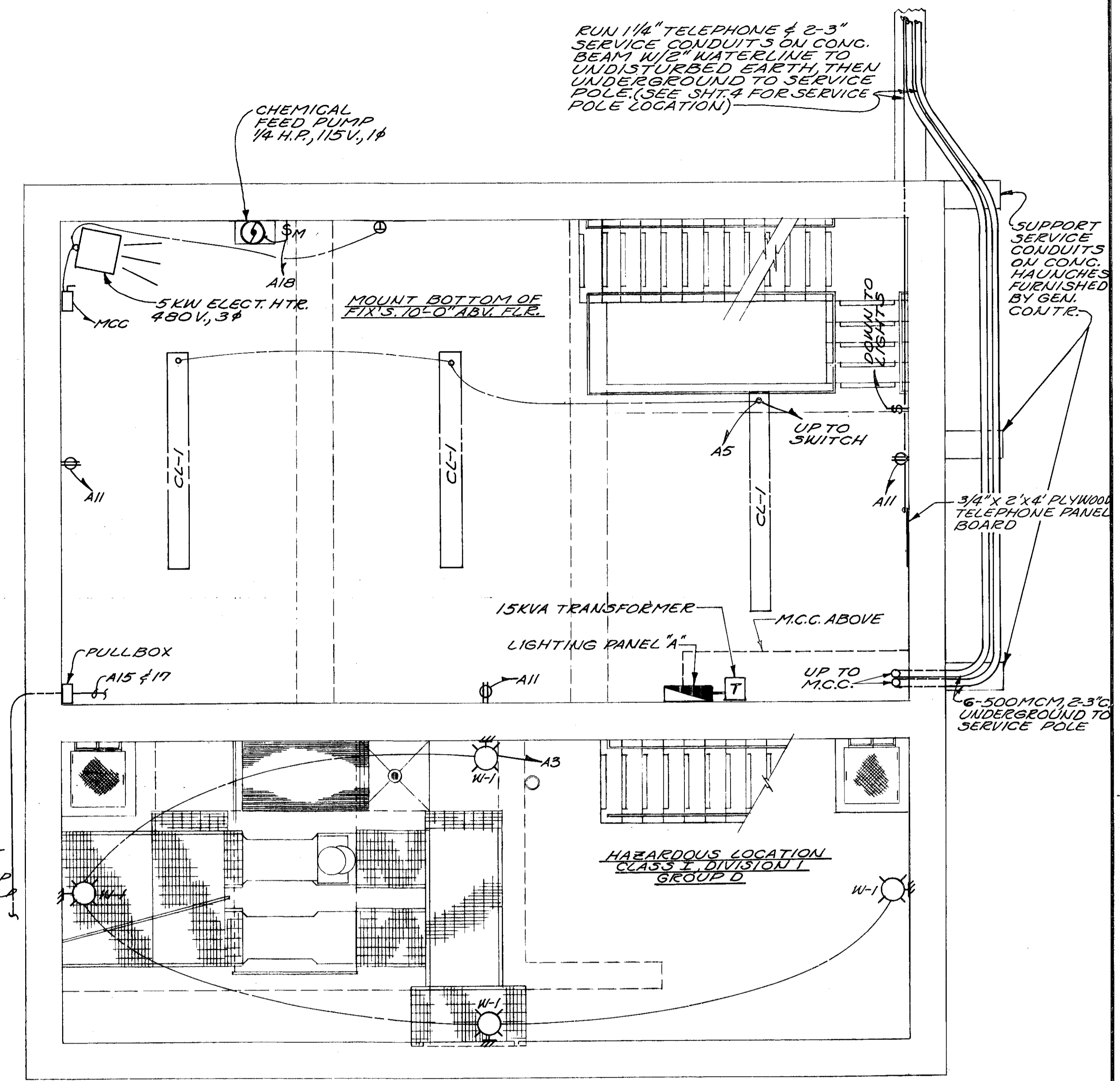
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 DATE APRIL, 1973

**SCHEMATICS**

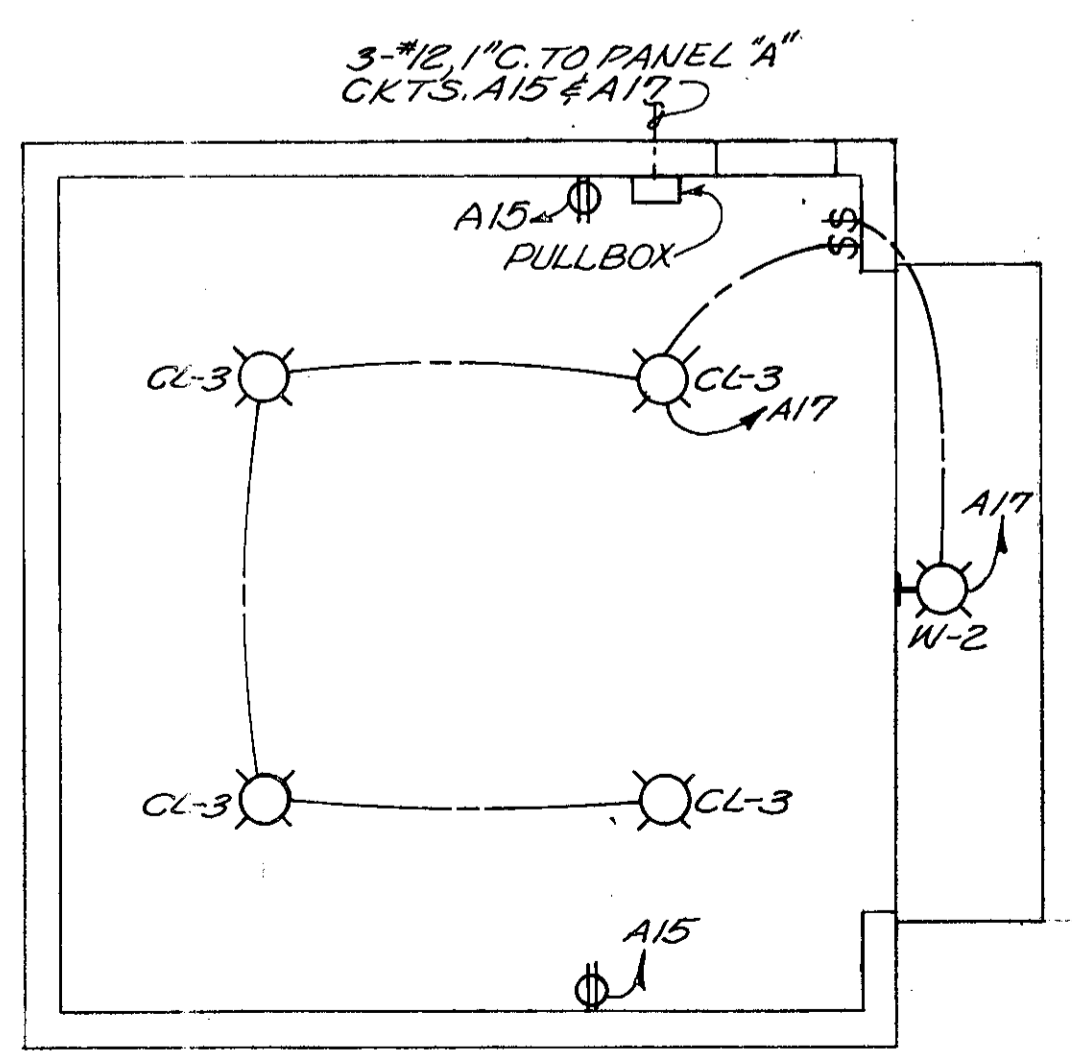
**SHEET NO.**  
 17



**UPPER PLAN**



**INTERMEDIATE PLAN**



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

**LIGHTING PANEL SCHEDULE "A"**  
120/240 V., 1φ, 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.	

**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

RUN 1/4" TELEPHONE & 2-3" SERVICE CONDUITS ON CONC. BEAM W/2" WATER TIE TO UNDISTURBED EARTH, THEN UNDERGROUND TO SERVICE POLE. (SEE SHT. 4 FOR SERVICE POLE LOCATION)

CHEMICAL FEED PUMP  
1/4 H.P., 115V., 1φ

SUPPORT SERVICE CONDUITS ON CONC. HAUNCHES FURNISHED BY GEN. CONTR.

3/4" X 2' X 4' PLYWOOD TELEPHONE PANEL BOARD

6-500 MCM 23°C UNDERGROUND TO SERVICE POLE

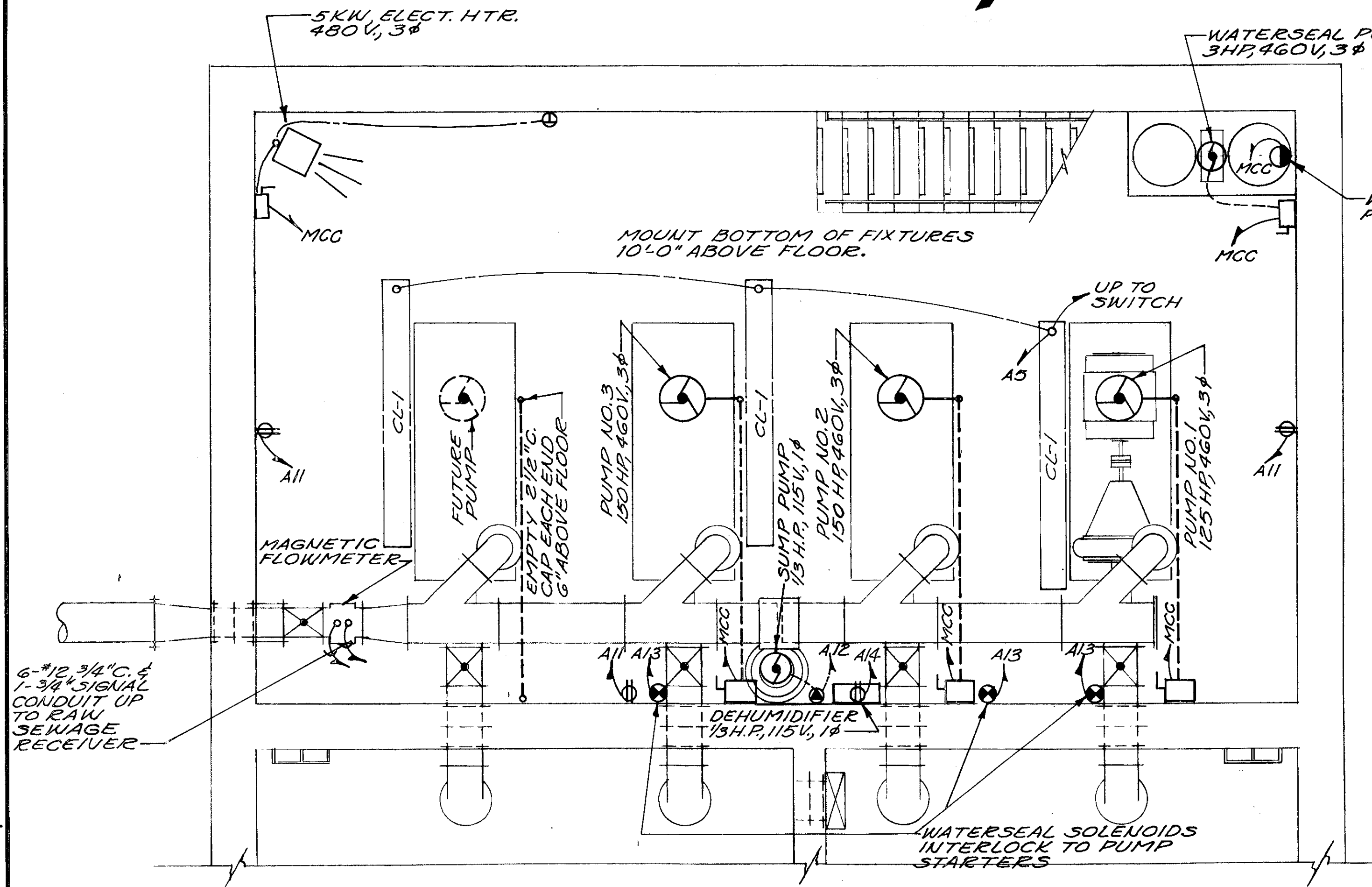
5-#12, 1" C. TO GARAGE. STRAP CONDUIT TO WALL, SUPPORT ON CONC. BEAM BETWEEN PUMP STATION & GARAGE.

HAZARDOUS LOCATION CLASS I, DIVISION 1, GROUP D

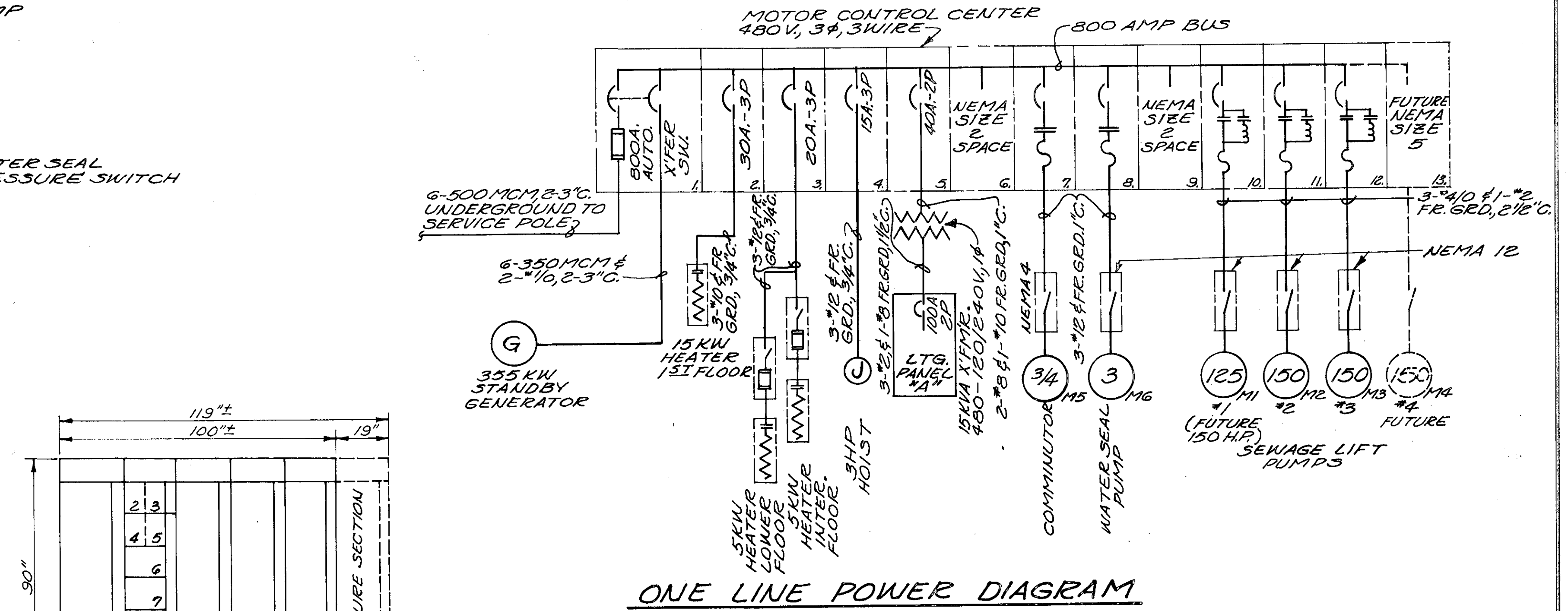
AS 4-80 AS CONSTRUCTED  
IF ANY CHANGES ARE MADE HEREIN IS INTENDED TO BE CORRECT. HOWEVER, ALL PERSONS SHALL VERIFY INFORMATION TAKEN FROM THIS SHEET.



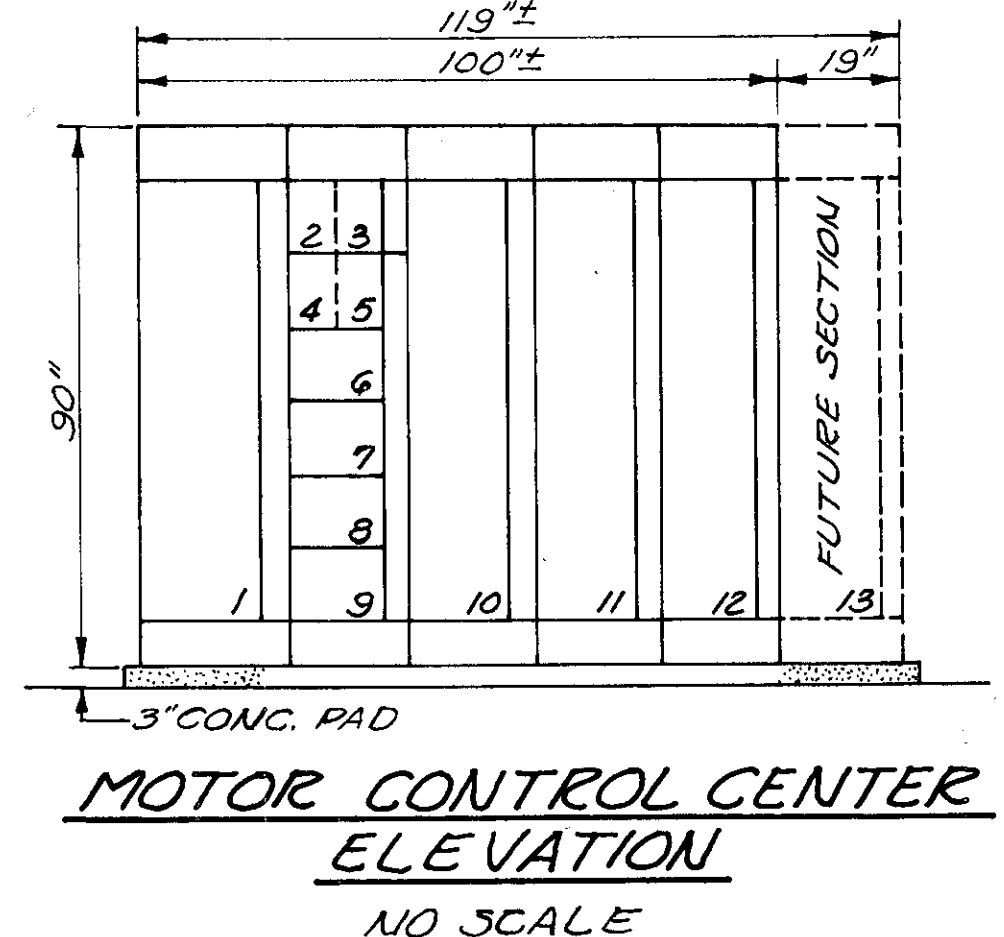
NOTE:  
 THE HORSEPOWERS SHOWN ARE ESTIMATED ONLY.  
 THE CONTRACTOR SHALL VERIFY THE ELECTRICAL  
 RATINGS OF EQUIPMENT TO BE FURNISHED AND  
 PROVIDE PROPER CONTROLS, WIRE, CONDUIT, AND  
 CONNECTION AT NO CHANGE IN CONTRACT PRICE.



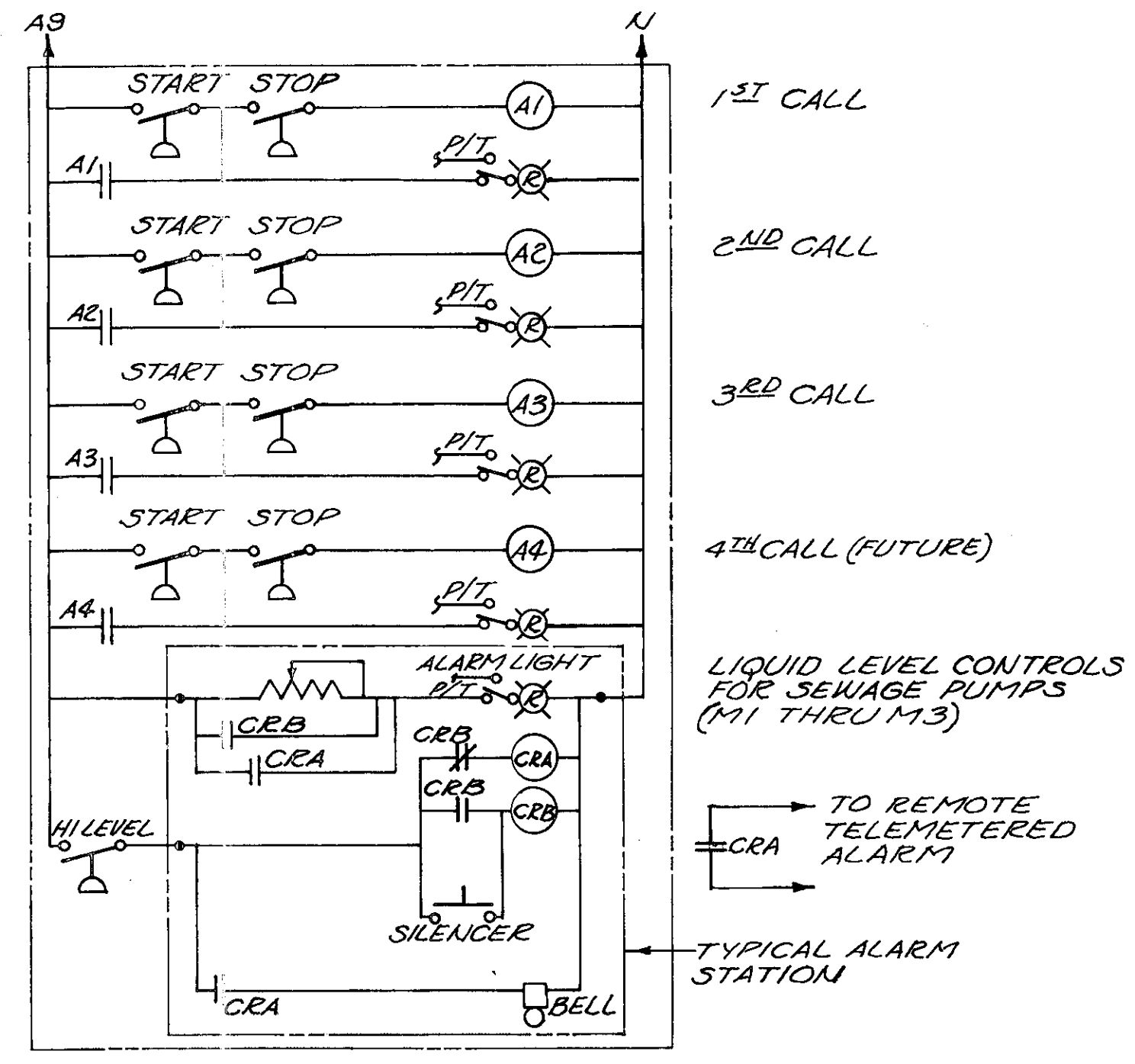
LOWER PLAN



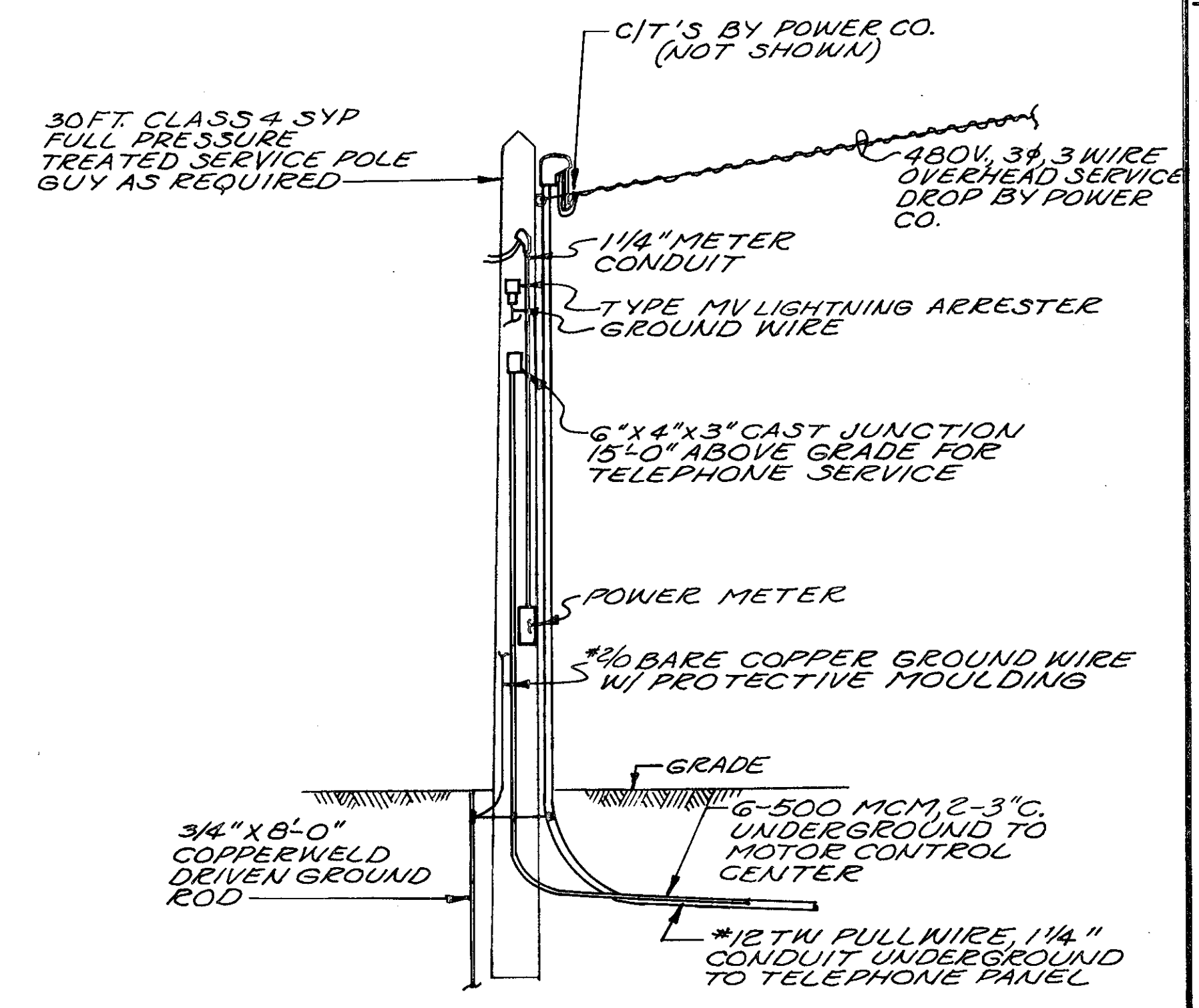
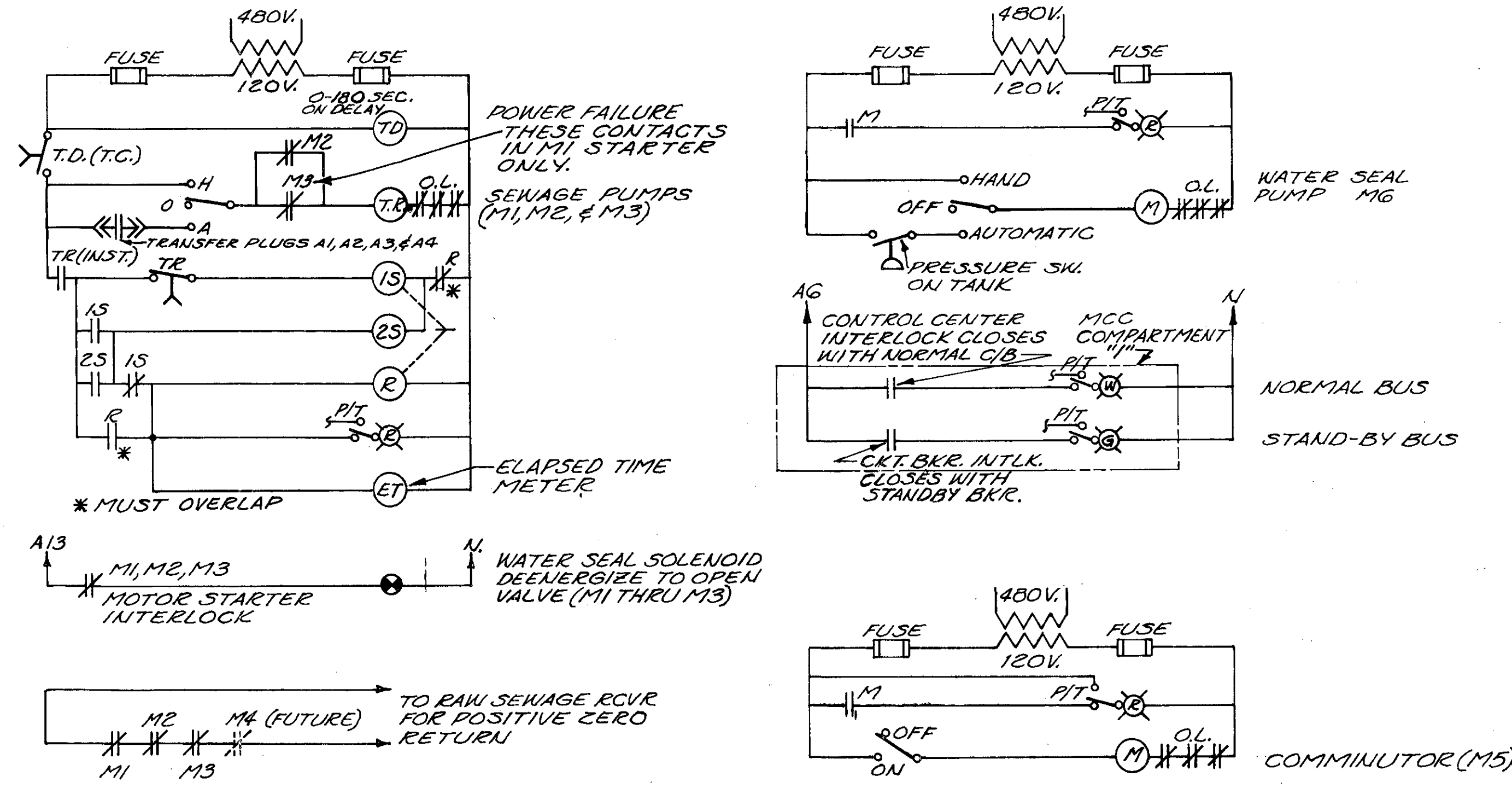
ONE LINE POWER DIAGRAM



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  
 SHALL VERIFY INFORMATION TAKEN FROM THIS  
 DRAWING.

BURGESS & NIPL, LIMITED CONSULTING ENGINEERS  
 COLUMBUS, OHIO

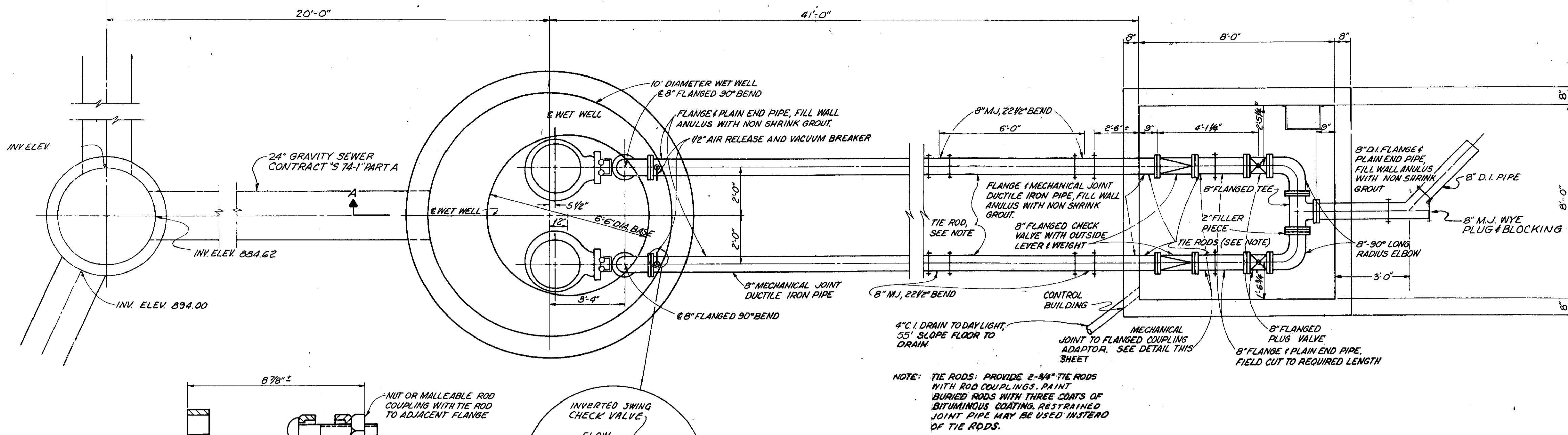
DELAWARE COUNTY, OHIO  
 ALUM CREEK PUMPING STATION

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

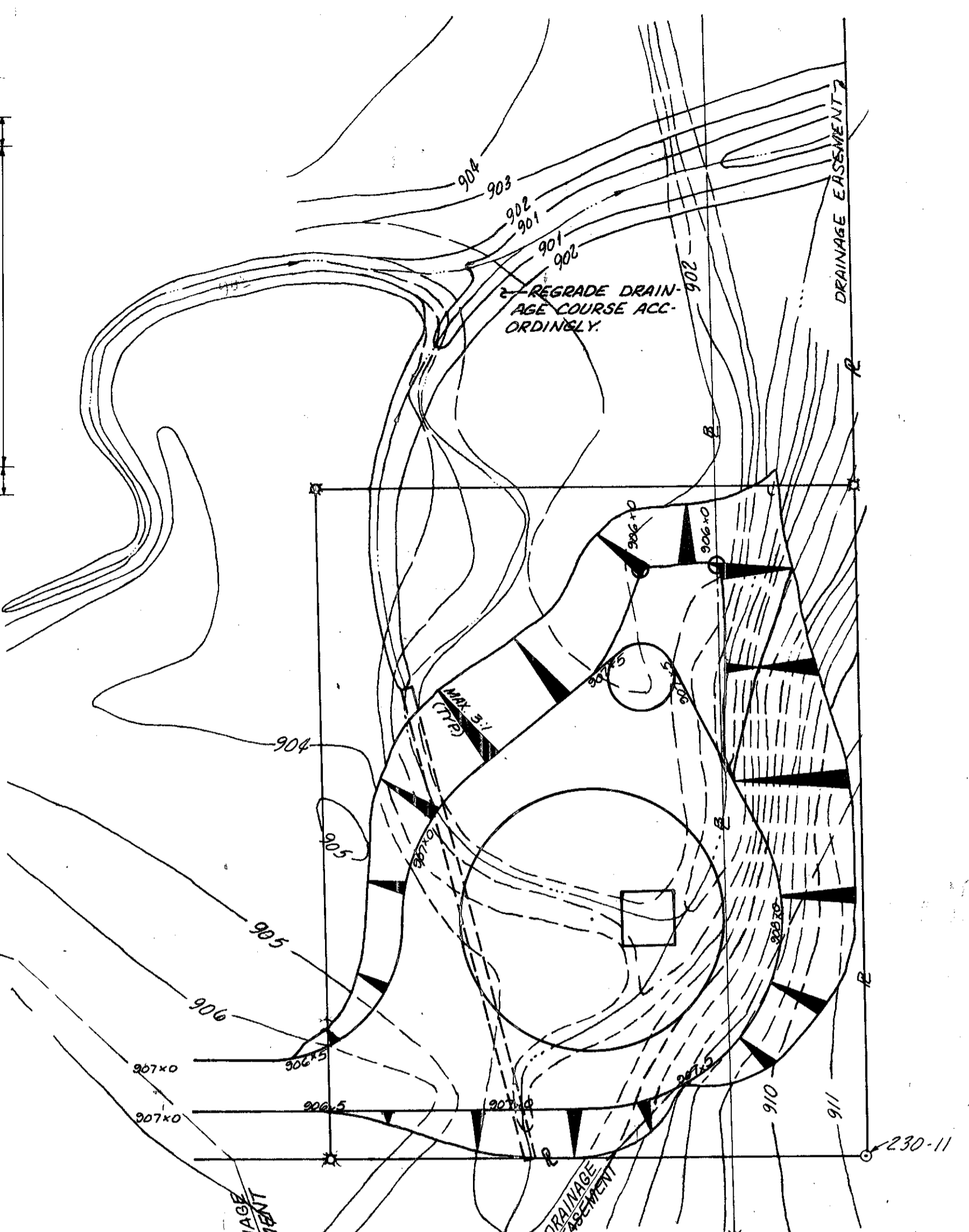
SCALE 3/8" = 1'-0"  
 JOB NO. 4230  
 DATE APRIL, 1975

ELECTRICAL  
 LOWER PLAN, DIAGRAMS  
 & DETAILS

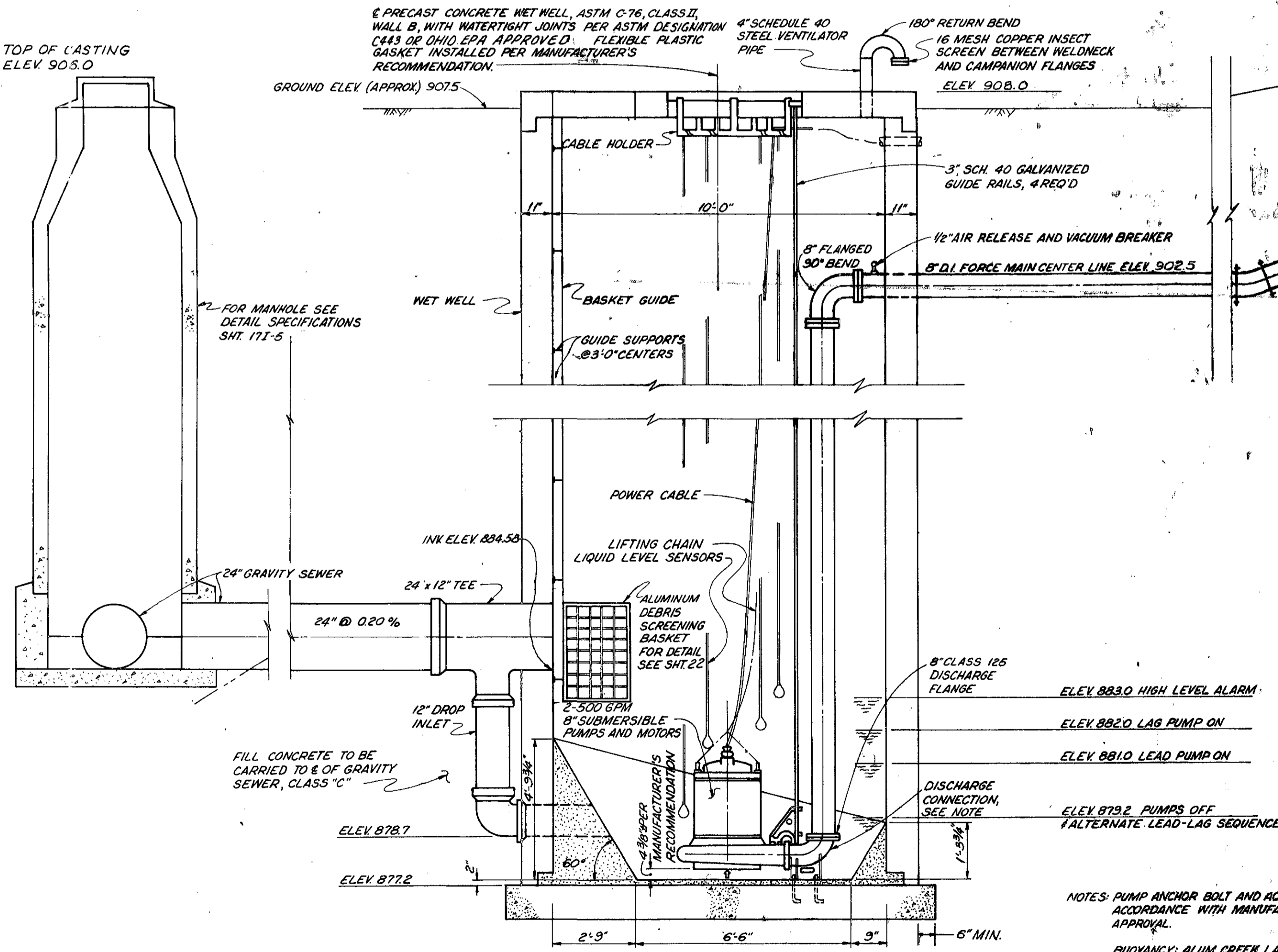
SHEET NO.  
 19



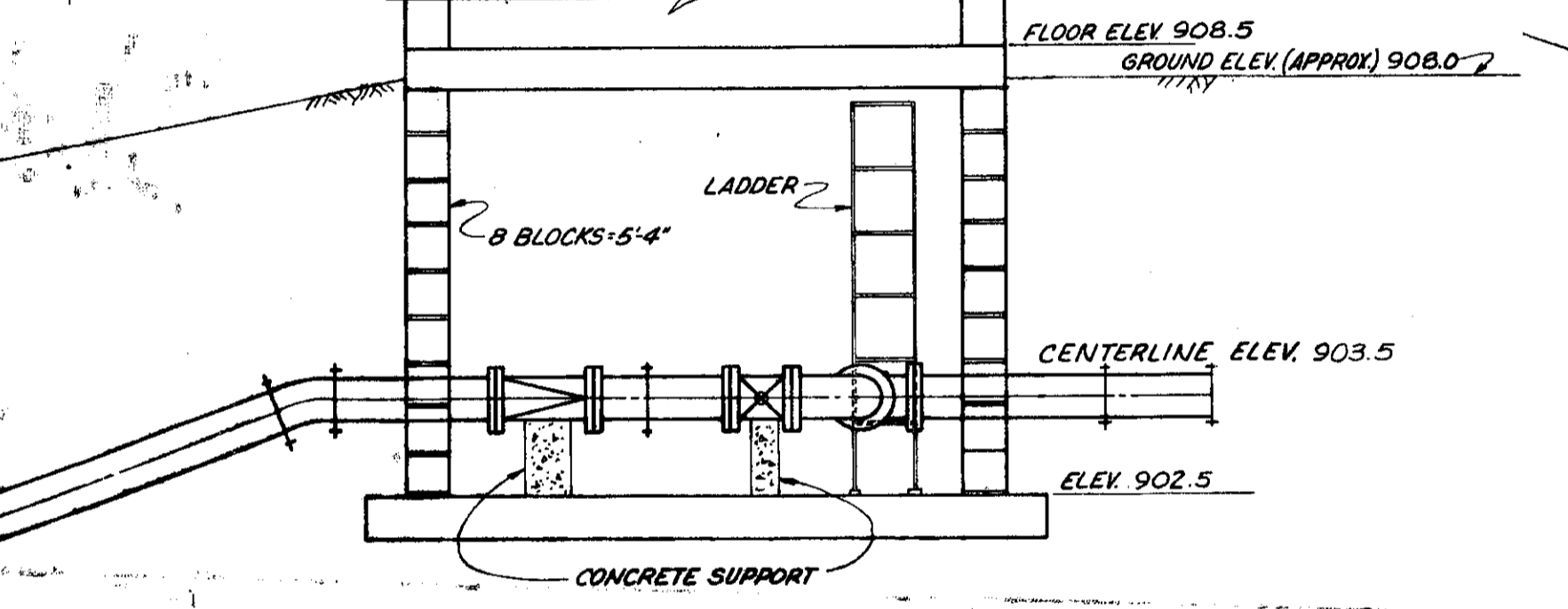
**PIPING PLAN**  
No Scale



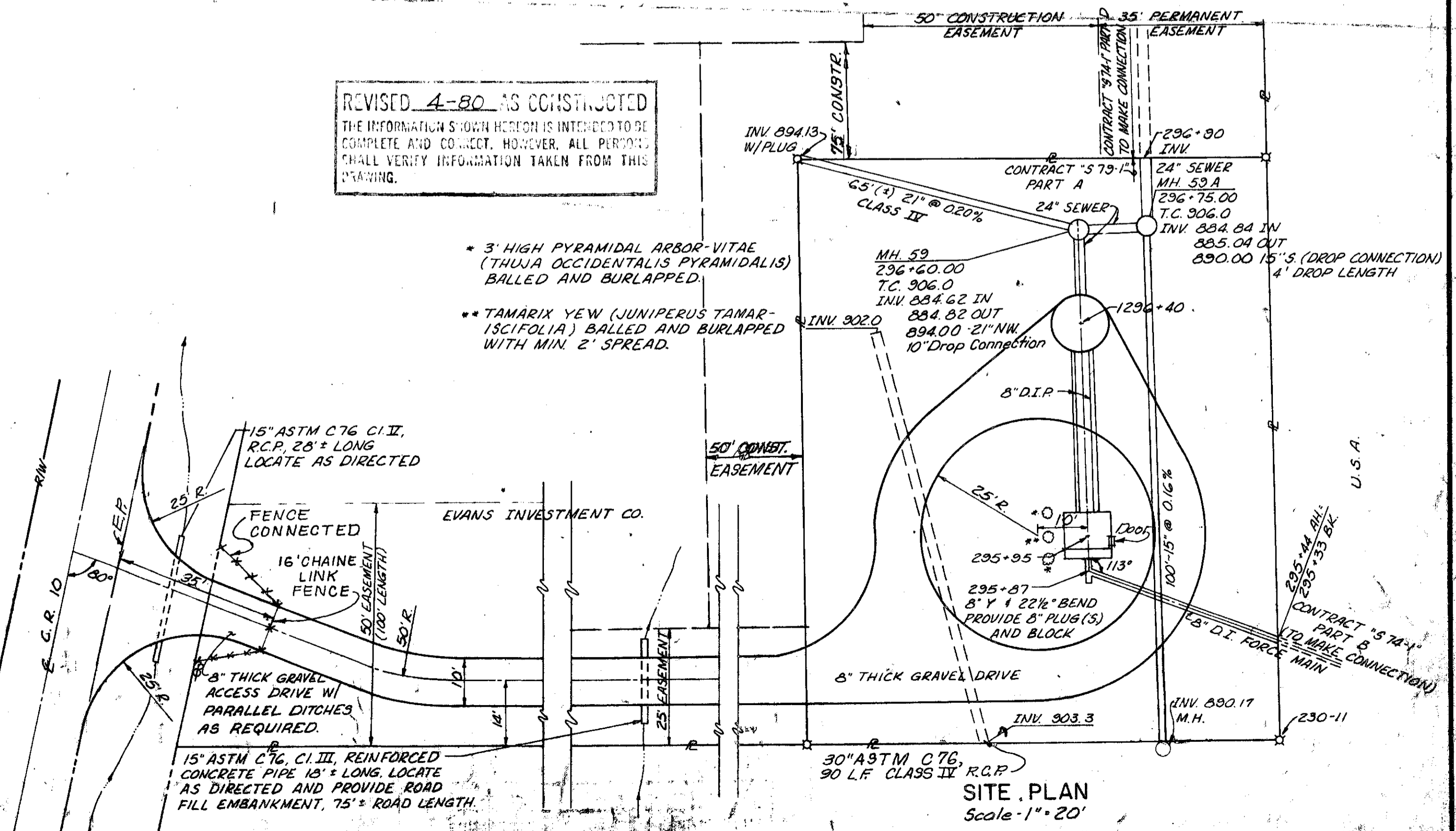
**GRADING PLAN**  
Scale: 1" = 20'



**PEACHBLOW PUMPING STATION SECTION A-A**  
No Scale



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



**SITE PLAN**  
Scale: 1" = 20'

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 888  
THE WET WELL STRUCTURE CAN BECOME BUOYANT PRIOR TO PLACEMENT OF FINAL BACKFILL. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTION AGAINST STRUCTURE DISPLACEMENT DURING CONSTRUCTION.  
SHEET PILING MAY BE REQUIRED, SEE "SOILS REPORT."  
ALL BACKFILL WITHIN THE PEACHBLOW PUMPING STATION SITE SHALL BE COMPACTED TO 100% AT OPTIMUM MOISTURE CONTENT.

**BURGESS & NIPLE, LIMITED CONSULTING ENGINEERS**  
COLUMBUS, OHIO

**DELAWARE COUNTY, OHIO**  
**PEACHBLOW PUMPING STATION**

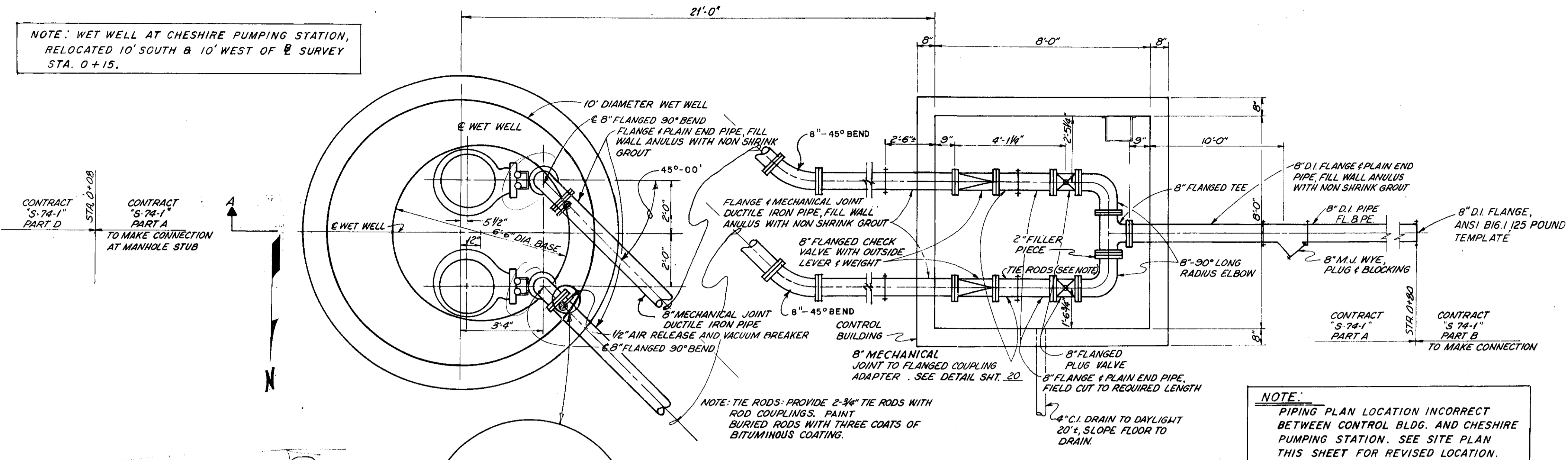
DESIGNED BY: F.V.B.  
DRAWN BY: J.S.M.  
CHECKED BY:  
APPROVED BY:  
REVISIONS: PUMP SITE RELOCATED 11-23-77  
SCALE: AS SHOWN  
JOB NO.: 4230  
DATE: APRIL 1978

**SITE PLAN**  
**PLANS AND SECTIONS**

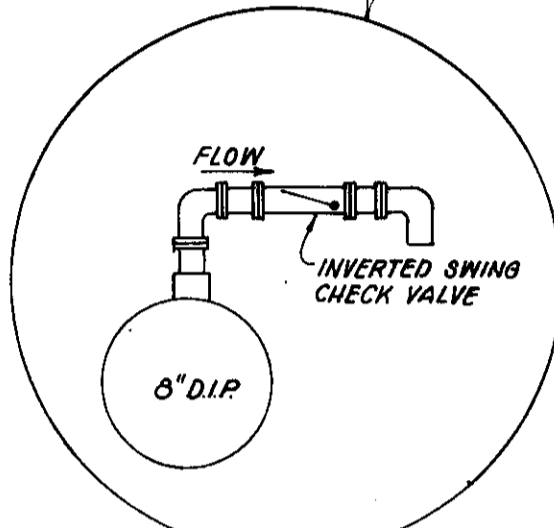
**SHEET NO.**  
20



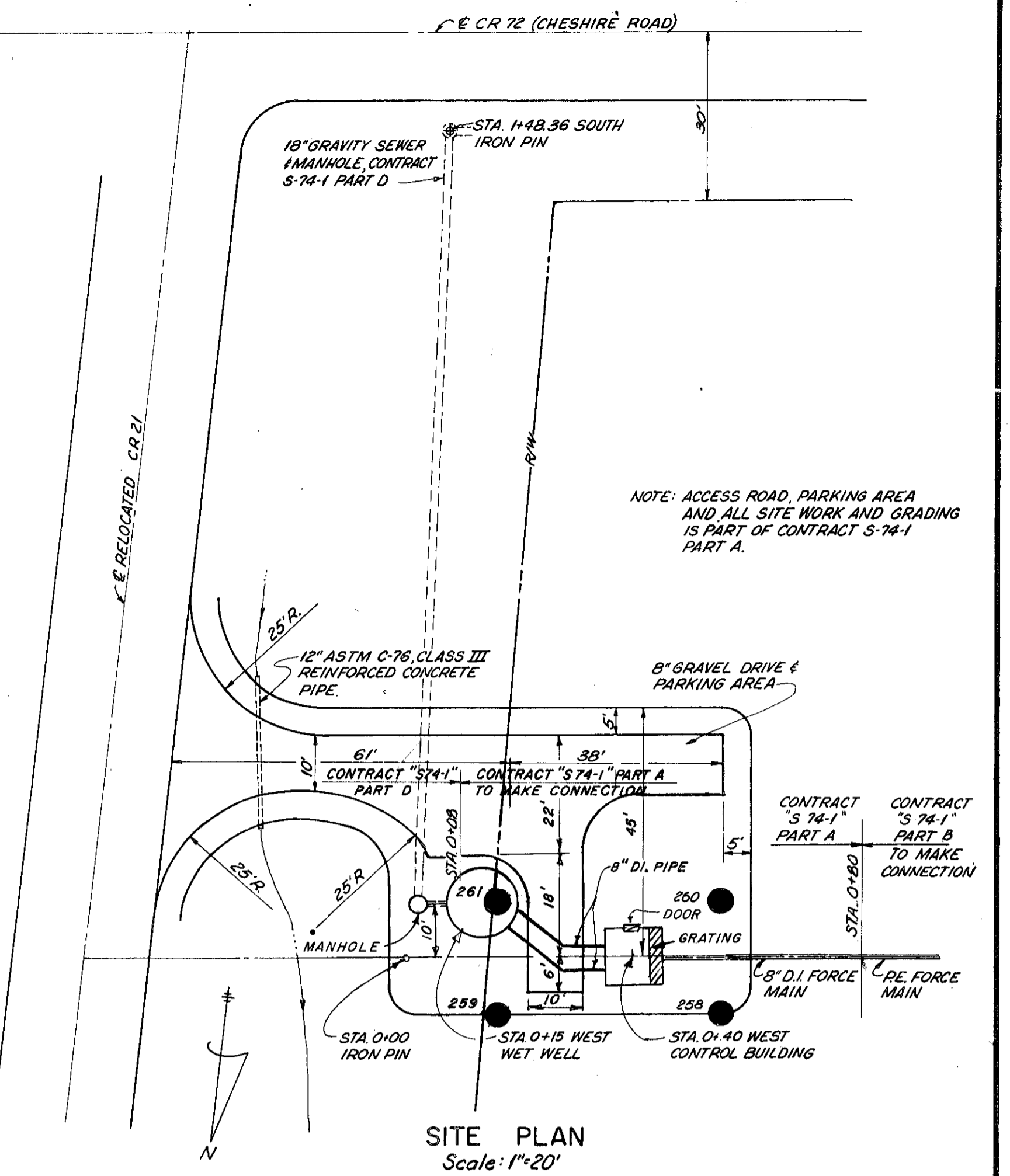
NOTE: WET WELL AT CHESHIRE PUMPING STATION, RELOCATED 10' SOUTH & 10' WEST OF SURVEY STA. 0+15.



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

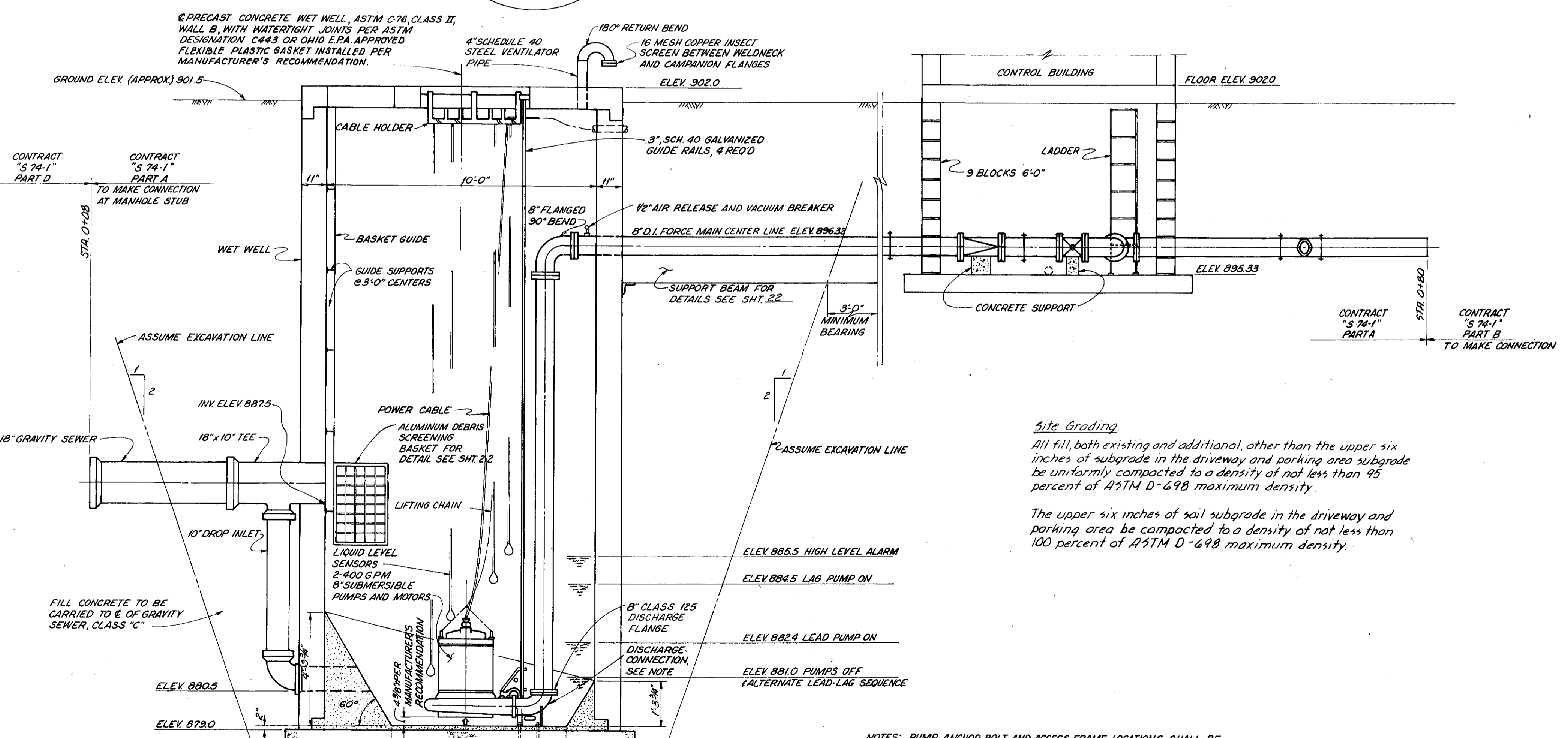


PIPING PLAN  
No Scale



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

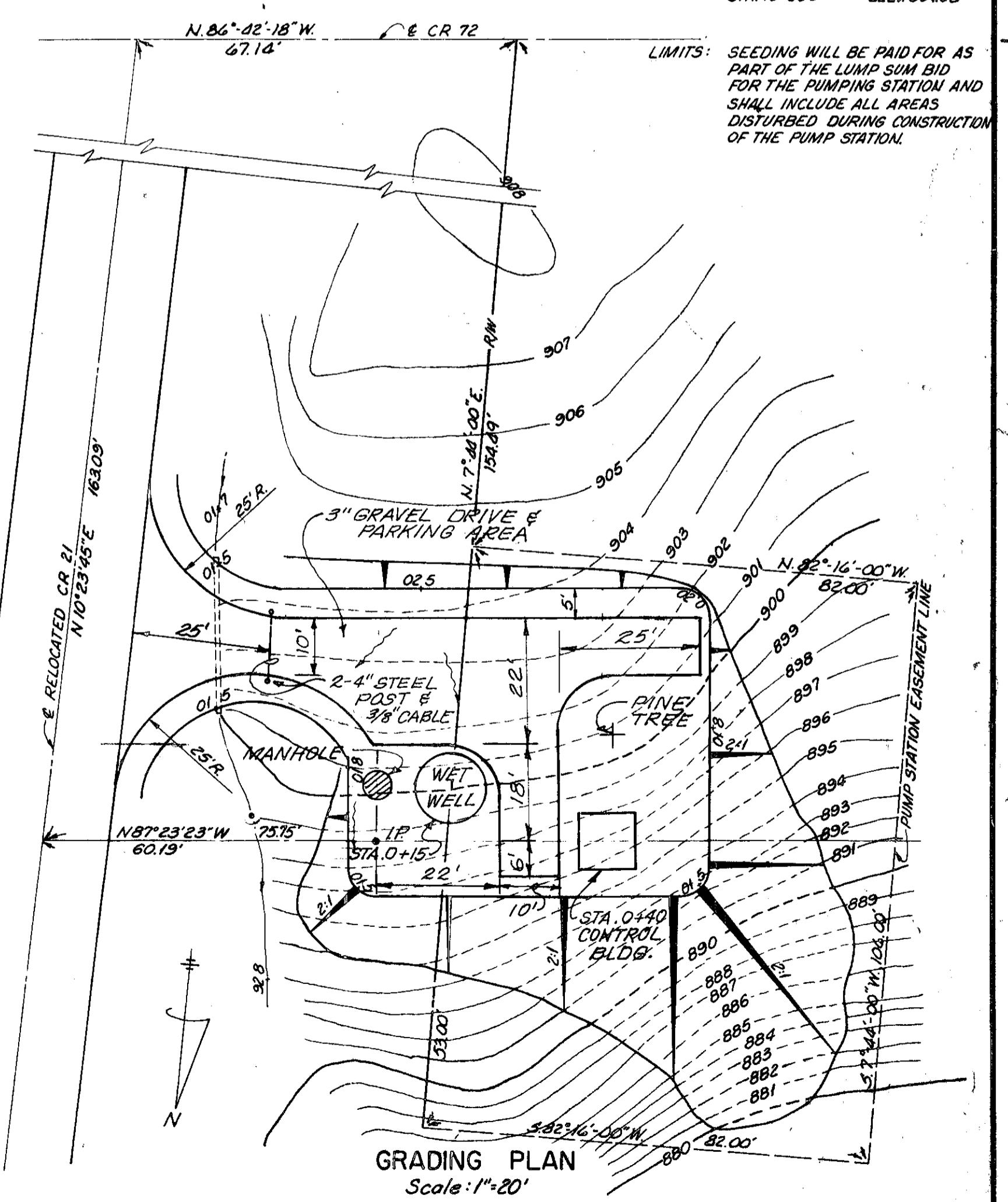
All fill, both existing and additional, other than the upper six inches of subgrade in the driveway and parking area shall be uniformly compacted to a density of not less than 95 percent of ASTM D-698 maximum density.

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.

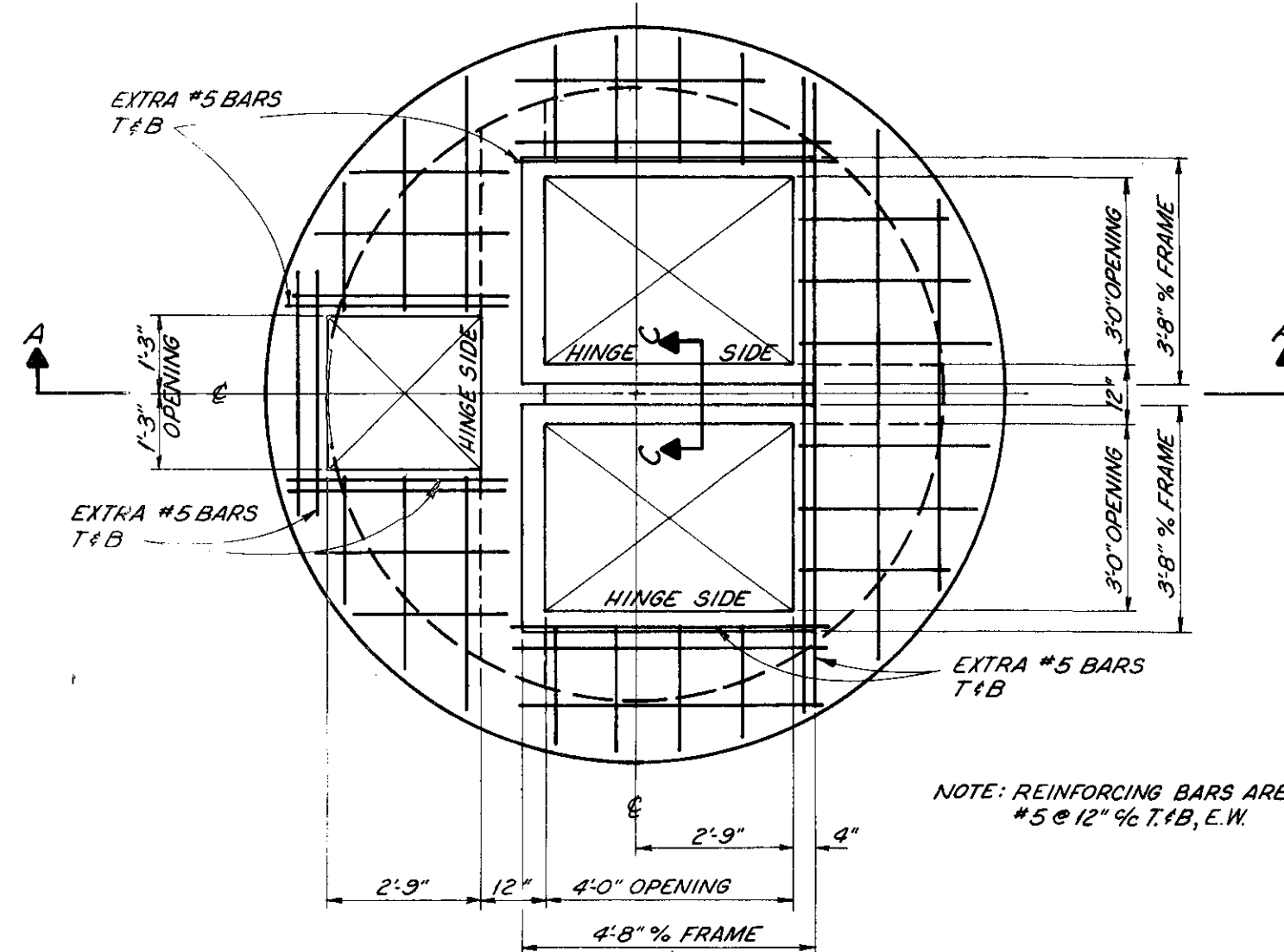
REVISED 4-80 AS CONSTRUCTED  
THE INFORMATION SHOWN HEREON IS INTENDED TO BE COMPLETE AND CORRECT, HOWEVER, ALL PERSONS SHALL VERIFY INFORMATION TAKEN FROM THIS DRAWING.  
C.E.G.



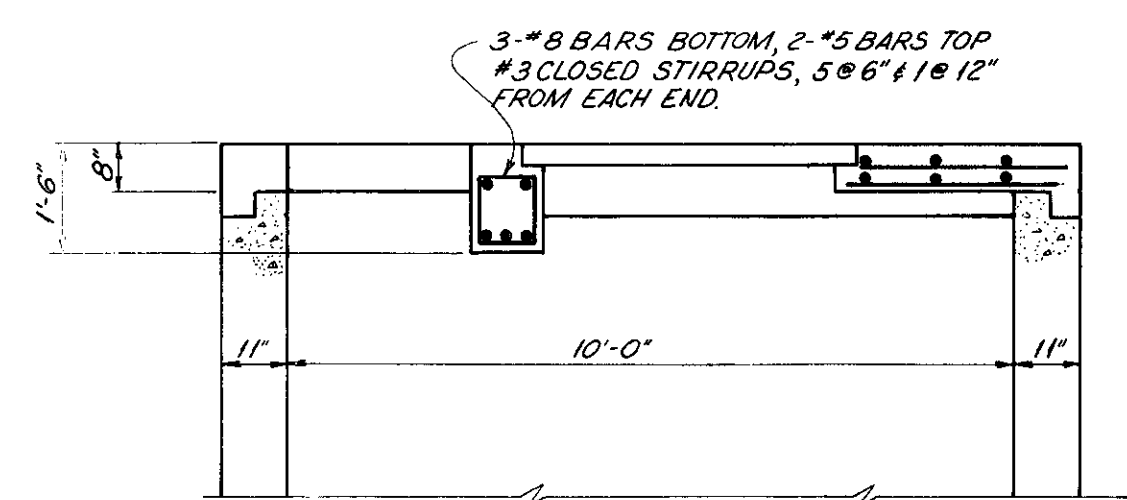
LIMITS: SEEDING WILL BE PAID FOR AS PART OF THE LUMP SUM BID FOR THE PUMPING STATION AND SHALL INCLUDE ALL AREAS DISTURBED DURING CONSTRUCTION OF THE PUMP STATION.

GRADING PLAN  
Scale: 1\"/>

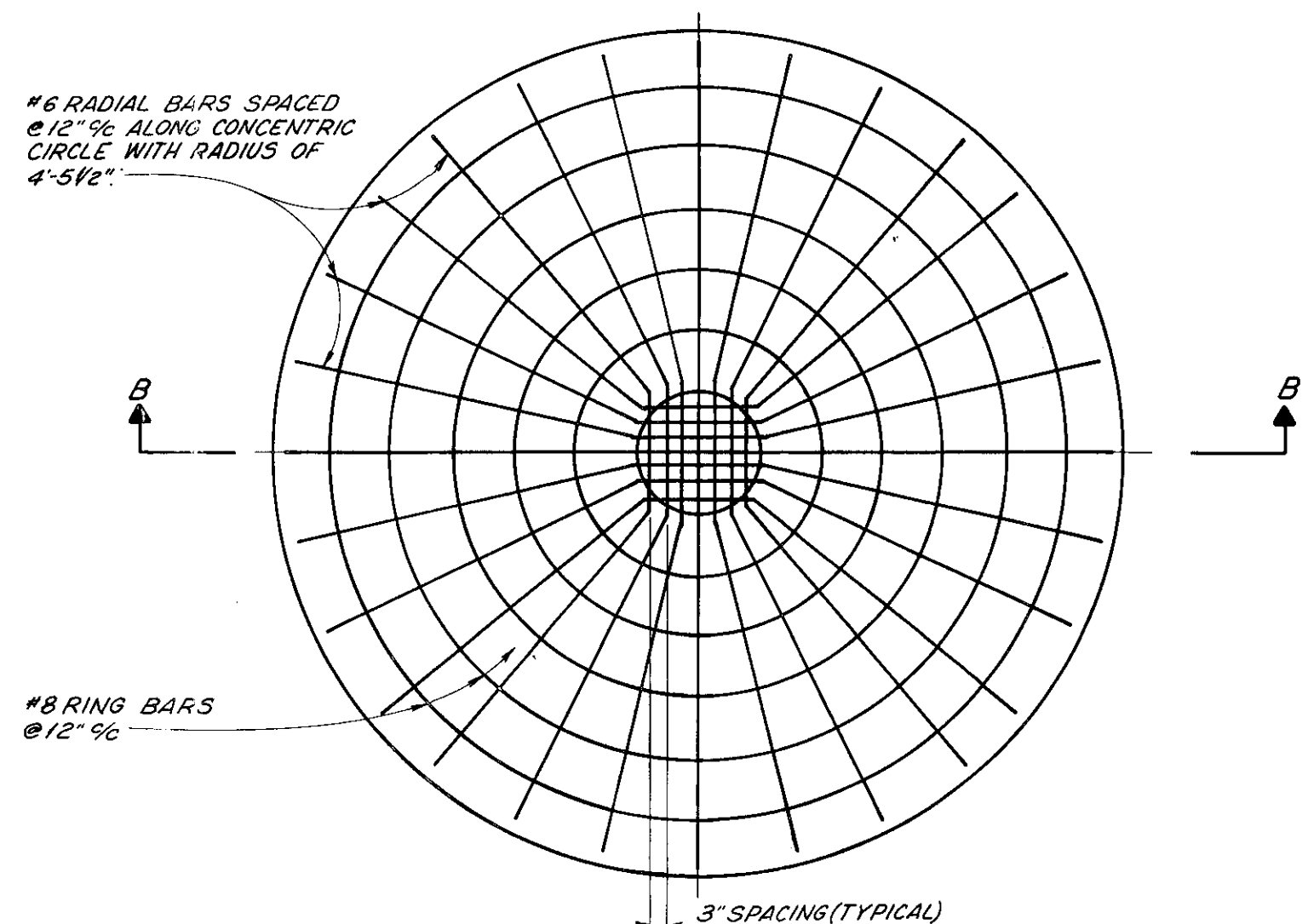
<b>BURGESS &amp; NIPLE, LIMITED CONSULTING ENGINEERS</b> COLUMBUS, OHIO	<b>DELAWARE COUNTY, OHIO</b> <b>CHESHIRE PUMPING STATION</b>		DESIGNED BY <i>F.J.B.</i>	REVISIONS	SCALE AS SHOWN JOB NO. 4230 DATE APRIL 1975	<b>SITE PLAN</b> <b>PLANS AND SECTIONS</b>	SHEET NO. 21
			DRAWN BY <i>J.S.J.</i>				
			CHECKED BY				
			APPROVED BY				



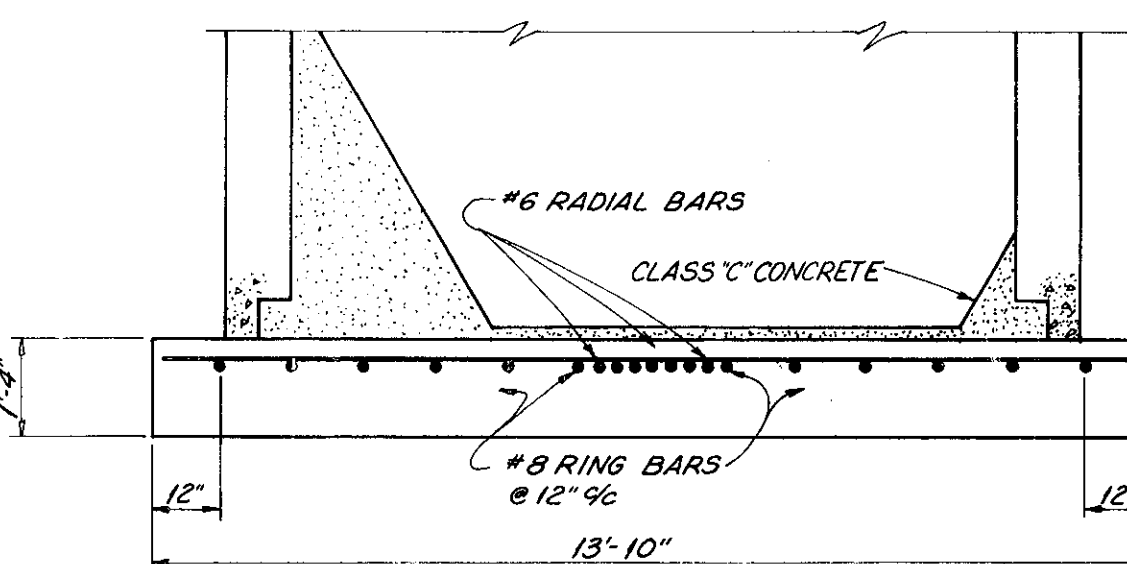
WET WELL  
TOP SLAB PLAN  
No Scale



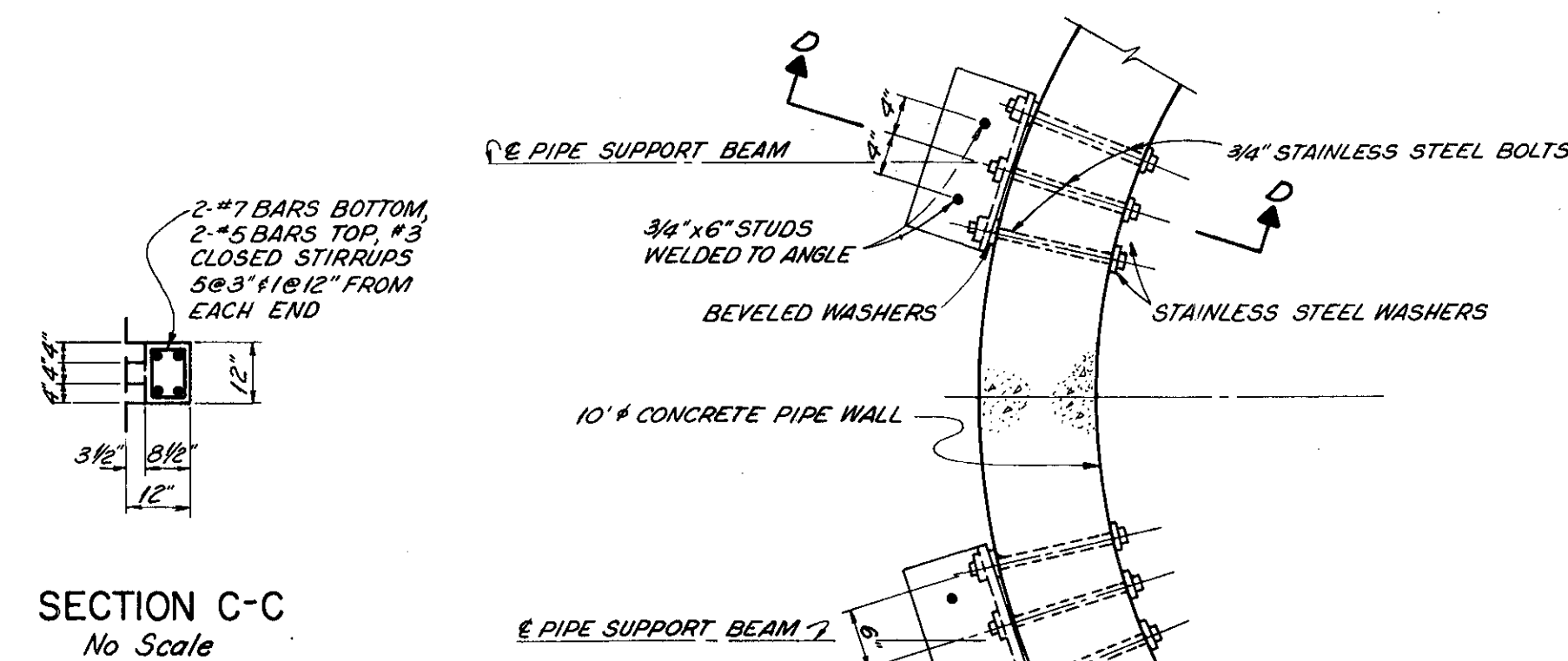
SECTION A-A  
No Scale



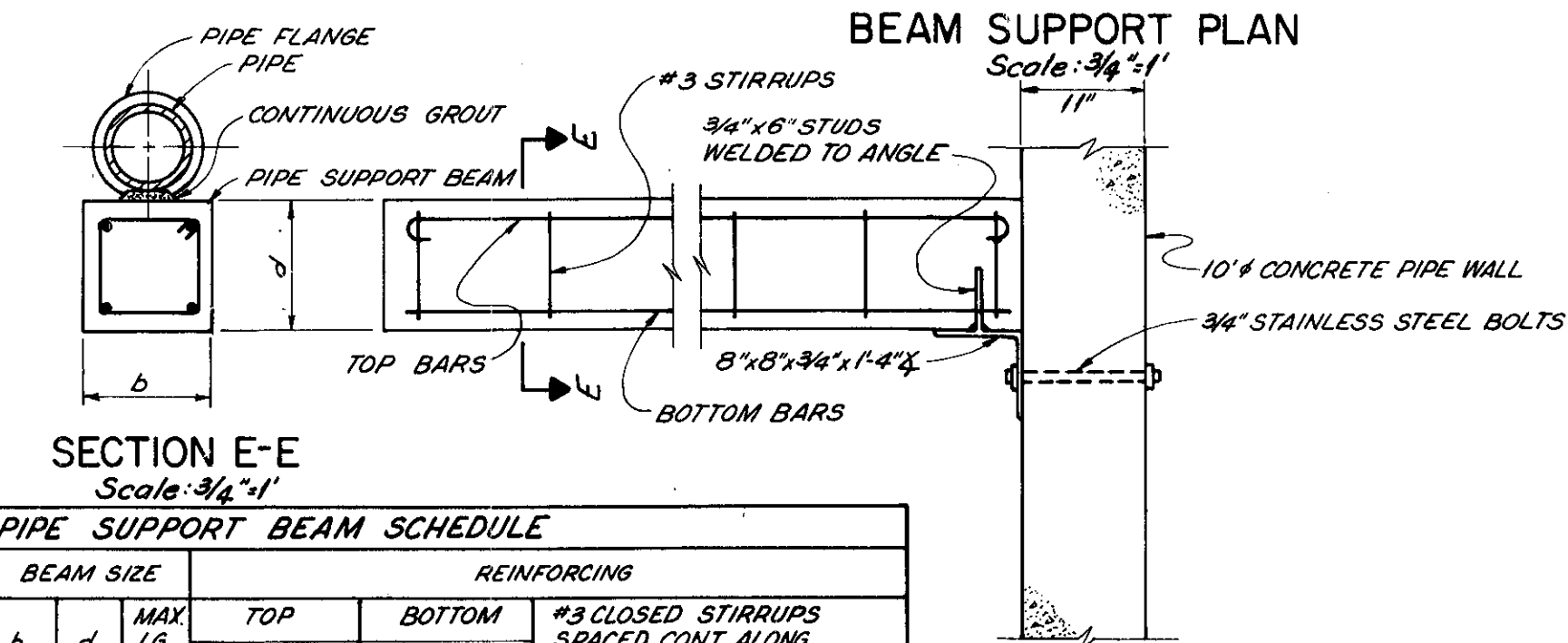
WET WELL  
BOTTOM SLAB PLAN  
No Scale



SECTION B-B  
No Scale



SECTION C-C  
No Scale

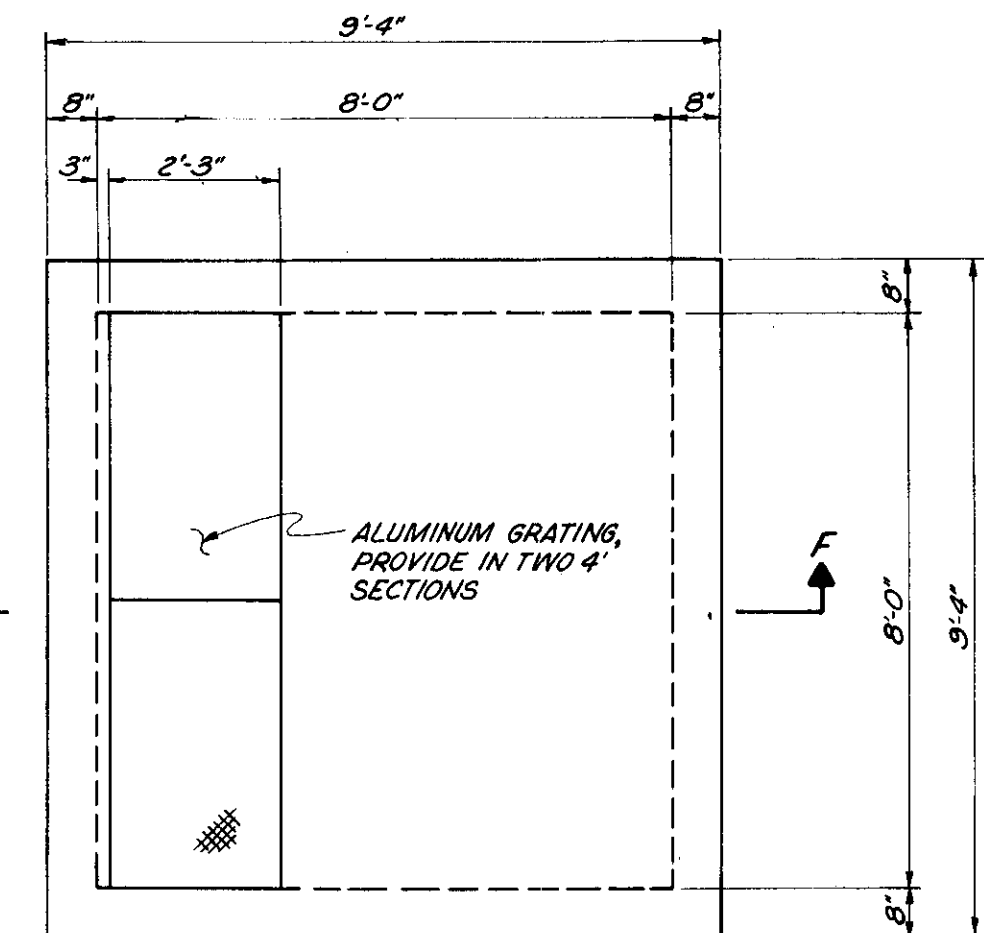


SECTION D-D  
Scale: 3/4\"/>

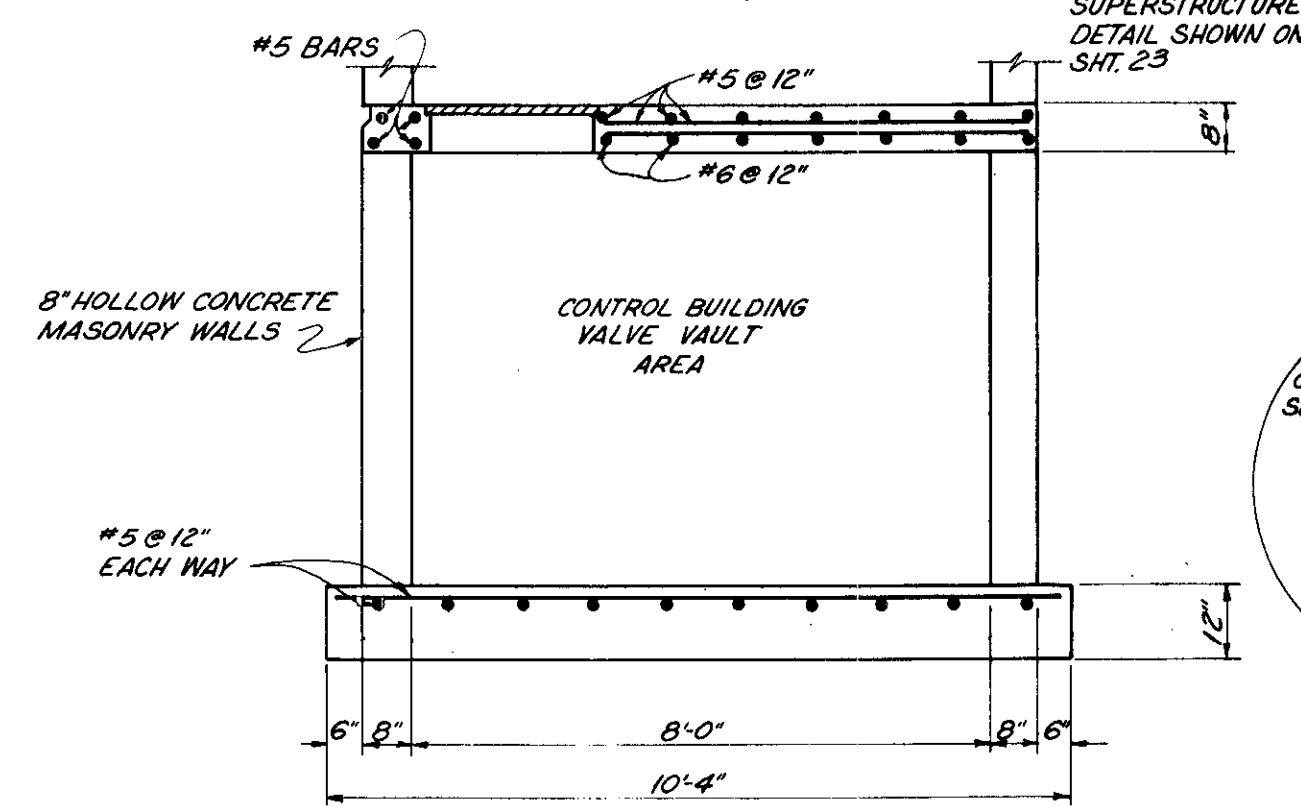
SECTION E-E  
Scale: 3/4\"/>

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

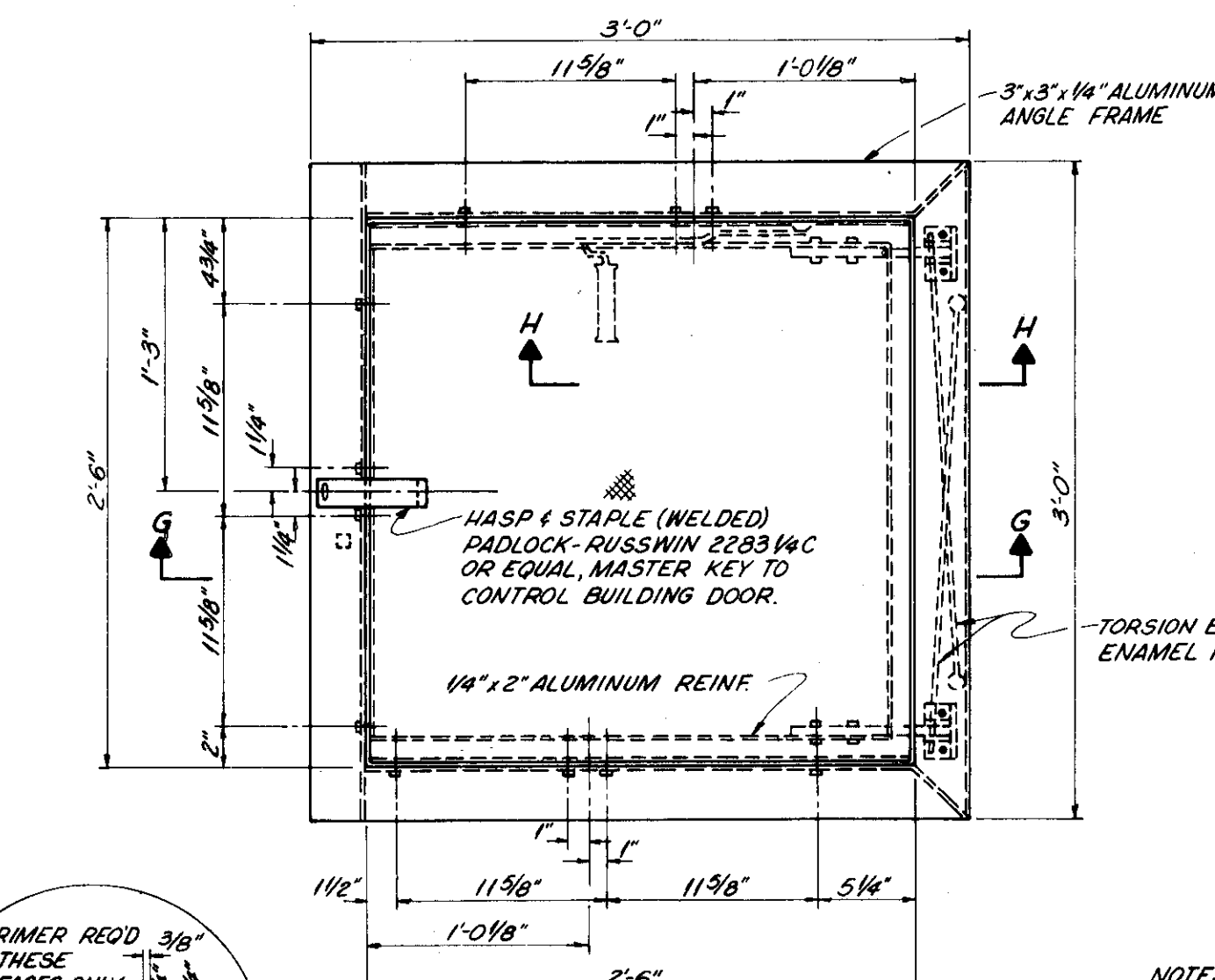
\*LENGTH BASED ON ASSUMED EXCAVATION LINE.



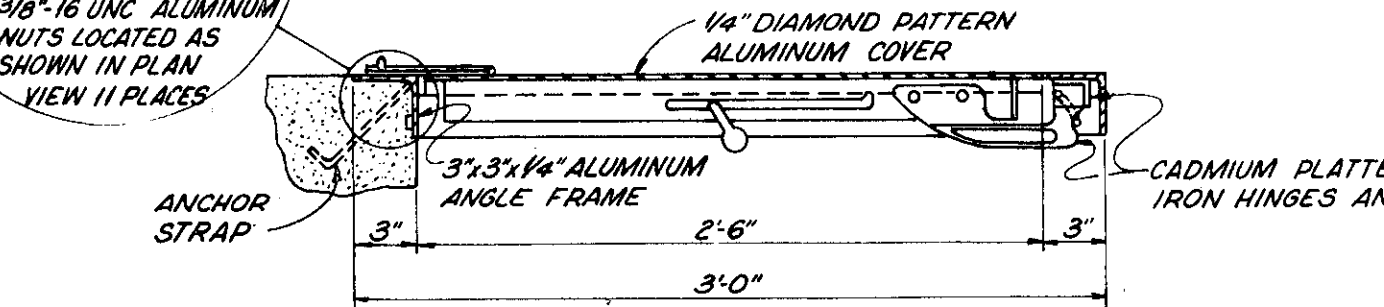
CONTROL BUILDING FLOOR  
Scale: 3/8\"/>



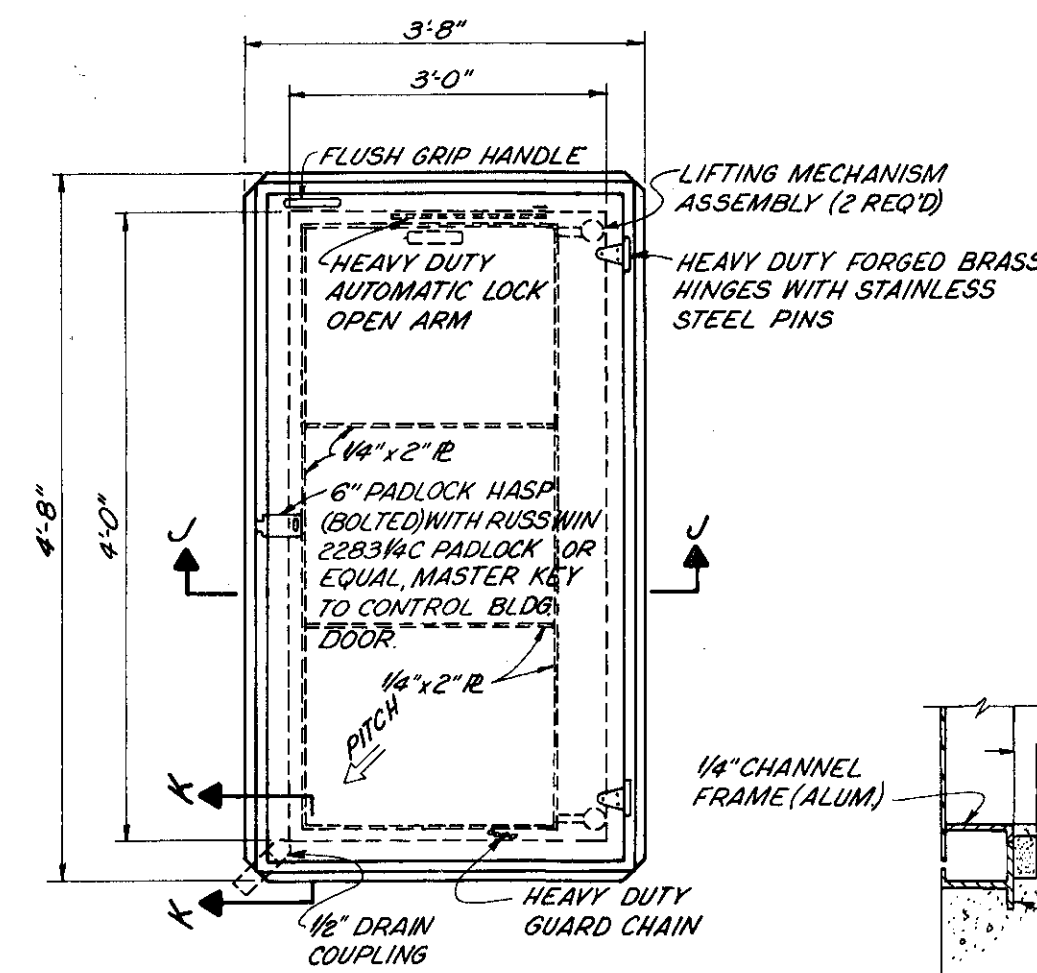
SECTION F-F  
Scale: 3/8\"/>



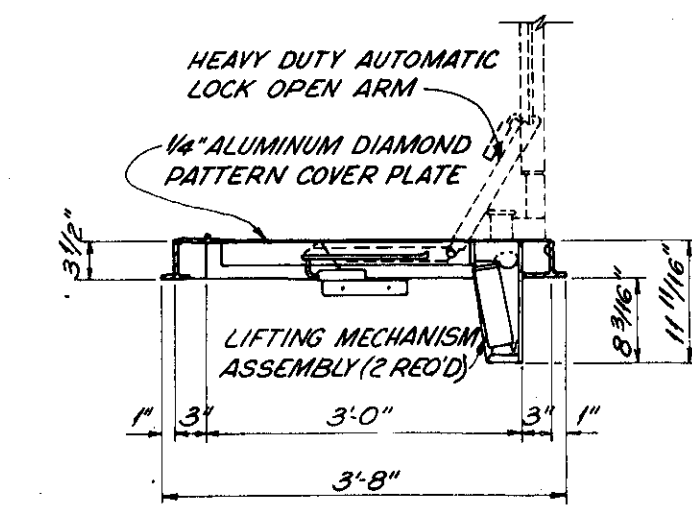
SCREENING BASKET HATCH PLAN  
No Scale



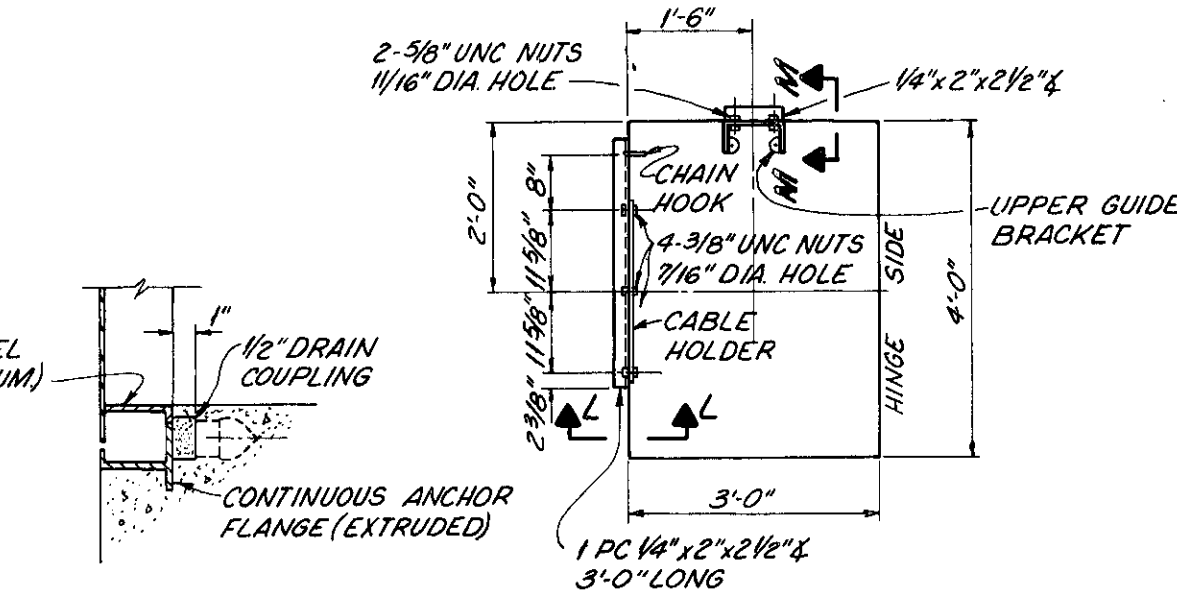
SECTION G-G  
No Scale



PUMP ACCESS HATCH PLAN  
No Scale



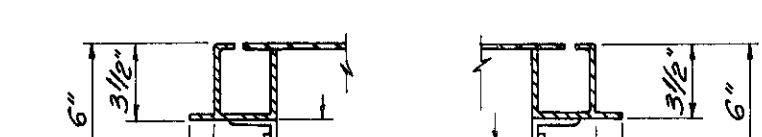
SECTION J-J  
No Scale



SECTION K-K  
No Scale



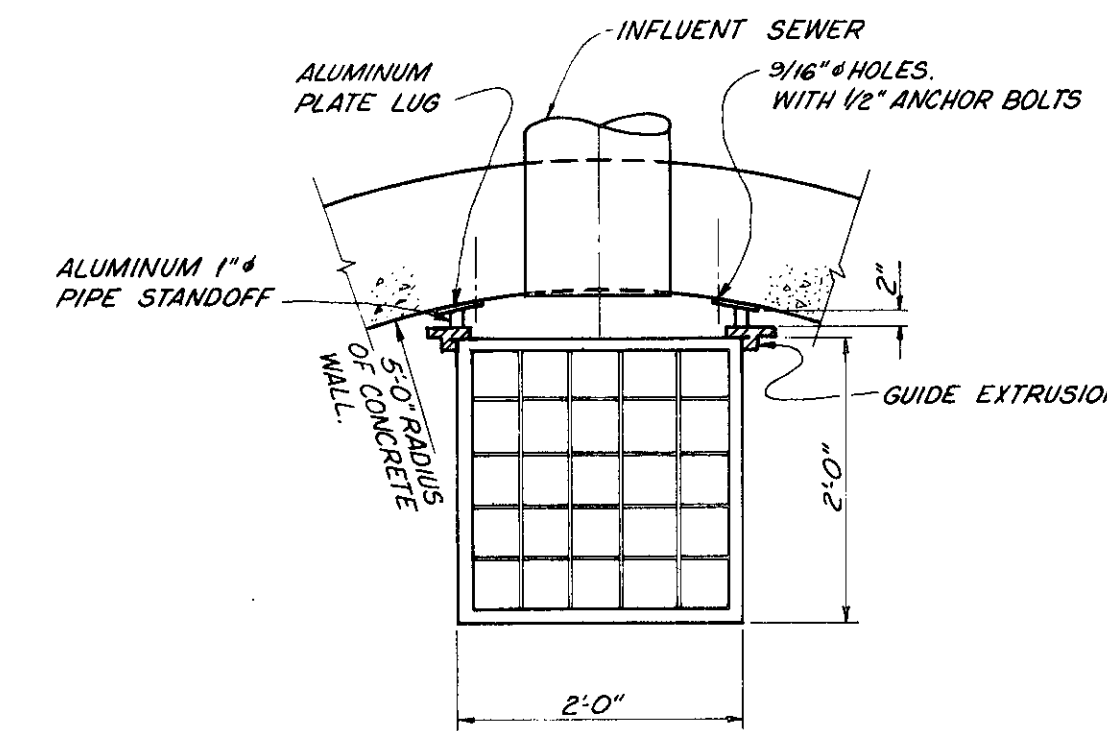
COVER PLATE  
No Scale



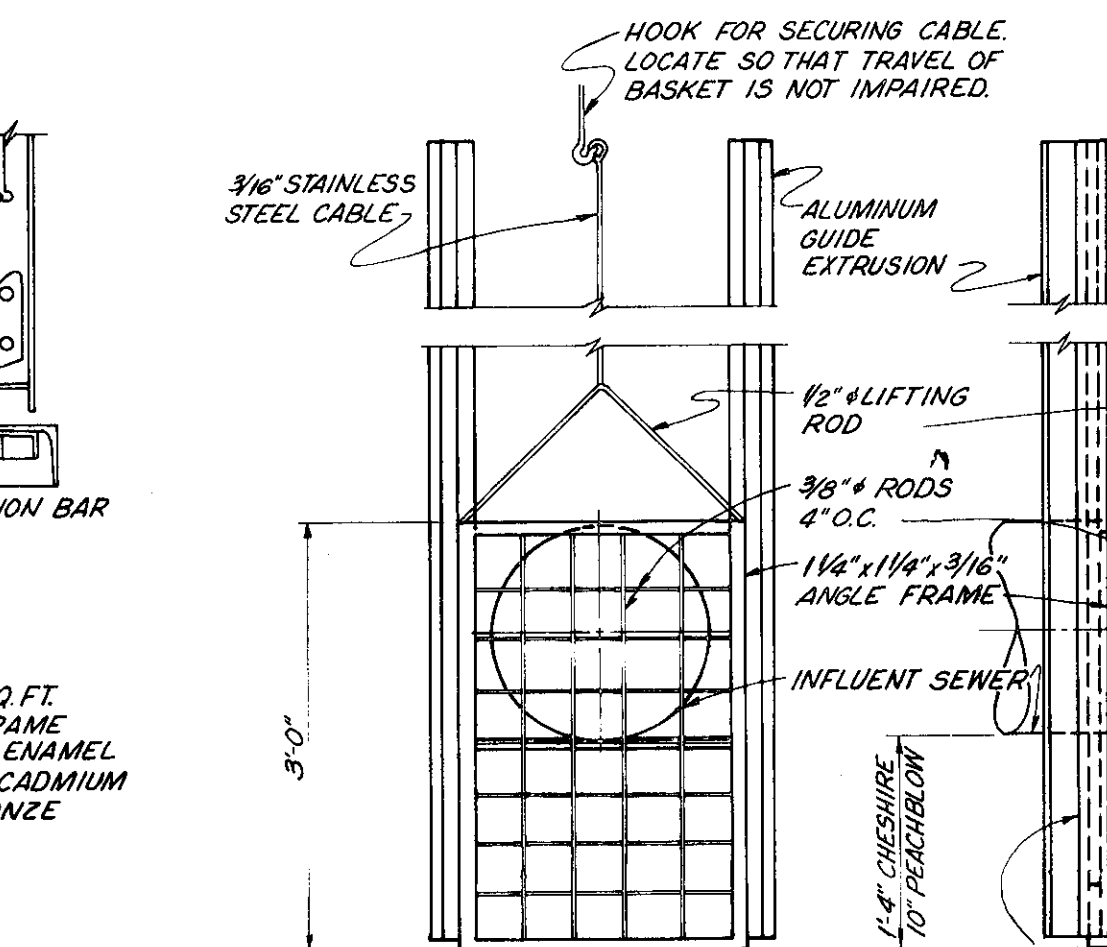
SECTION L-L  
No Scale



SECTION M-M  
No Scale

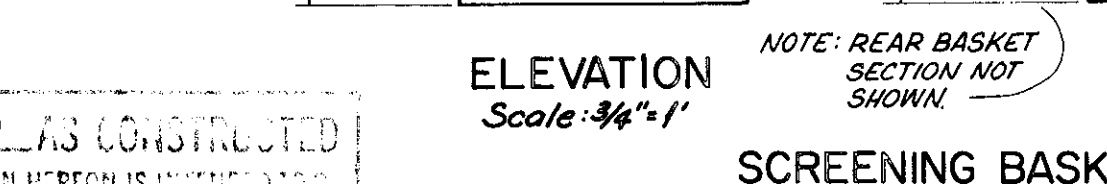


PLAN  
Scale: 3/4\"/>

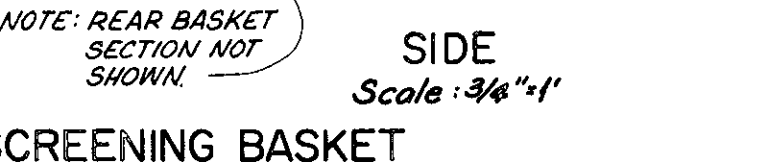


SECTION H-H  
No Scale

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.



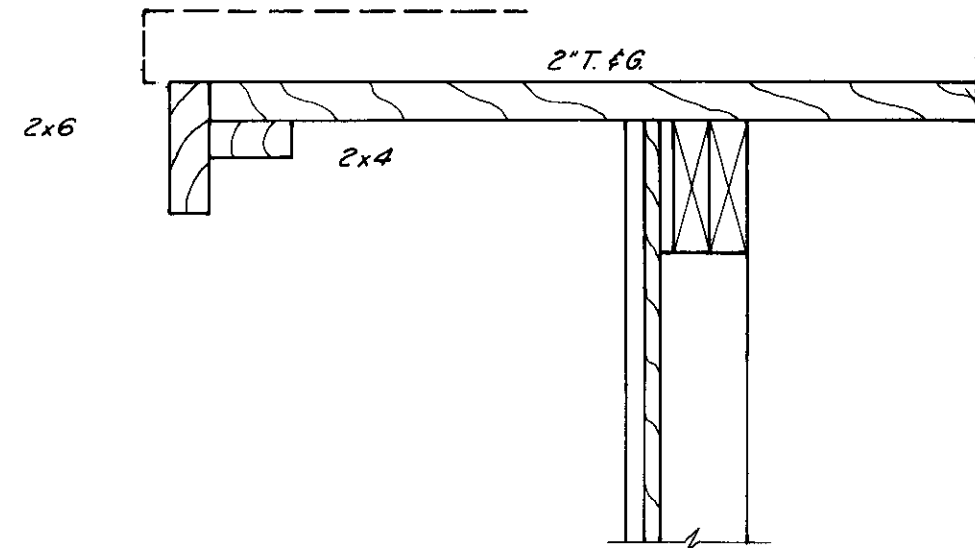
ELEVATION  
Scale: 3/4\"/>



SIDE  
Scale: 3/4\"/>

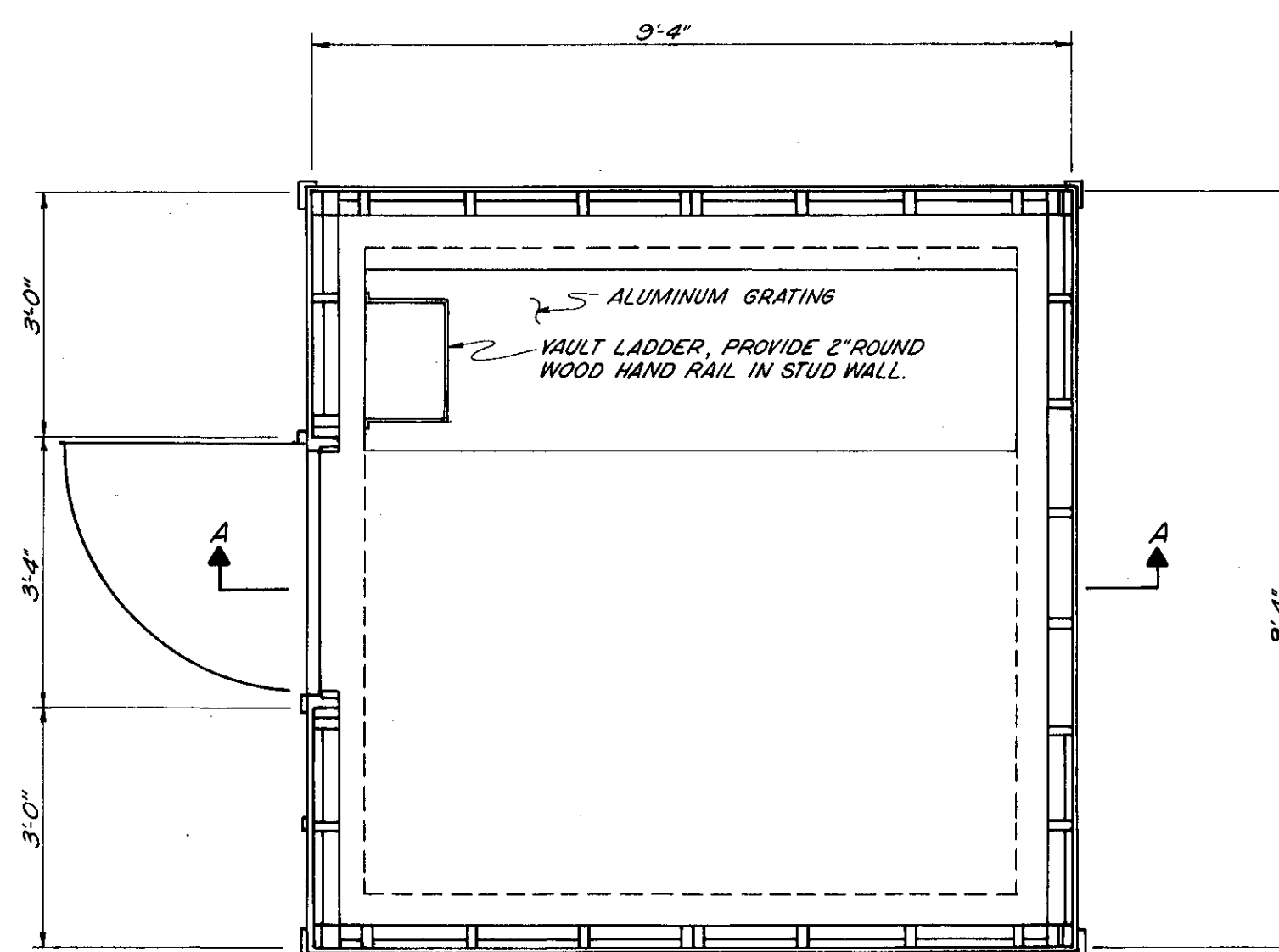
REVISED 4-80 AS CONSTRUCTED THE INFORMATION SHOWN HEREON IS INTENDED TO BE COMPLETE AND ACCURATE. HOWEVER, ALL PARTS SHALL VERIFY INFORMATION TAKEN FROM THIS DRAWING.



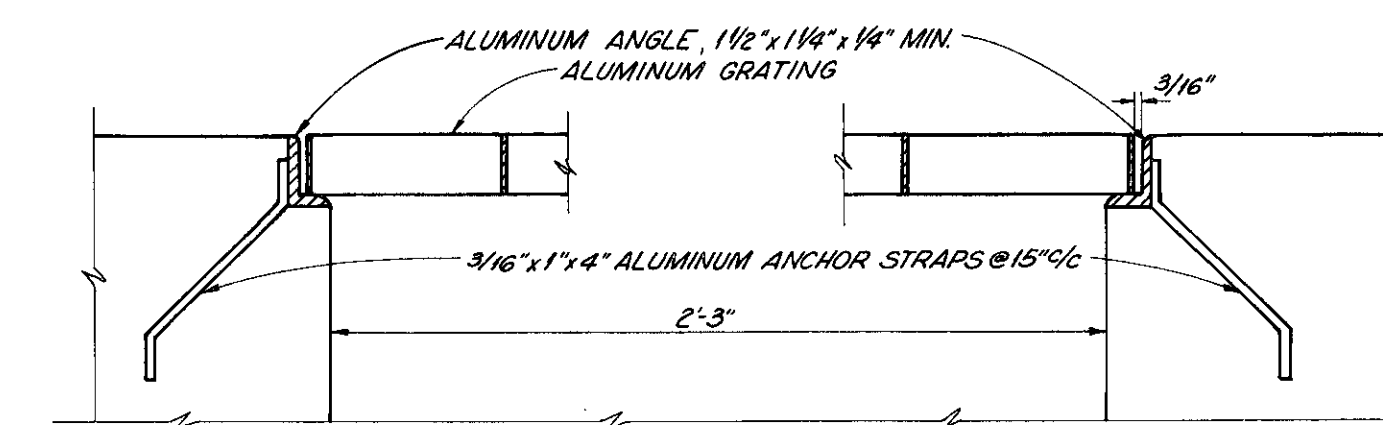


RAKE SECTION  
Scale: 1/2"=1'

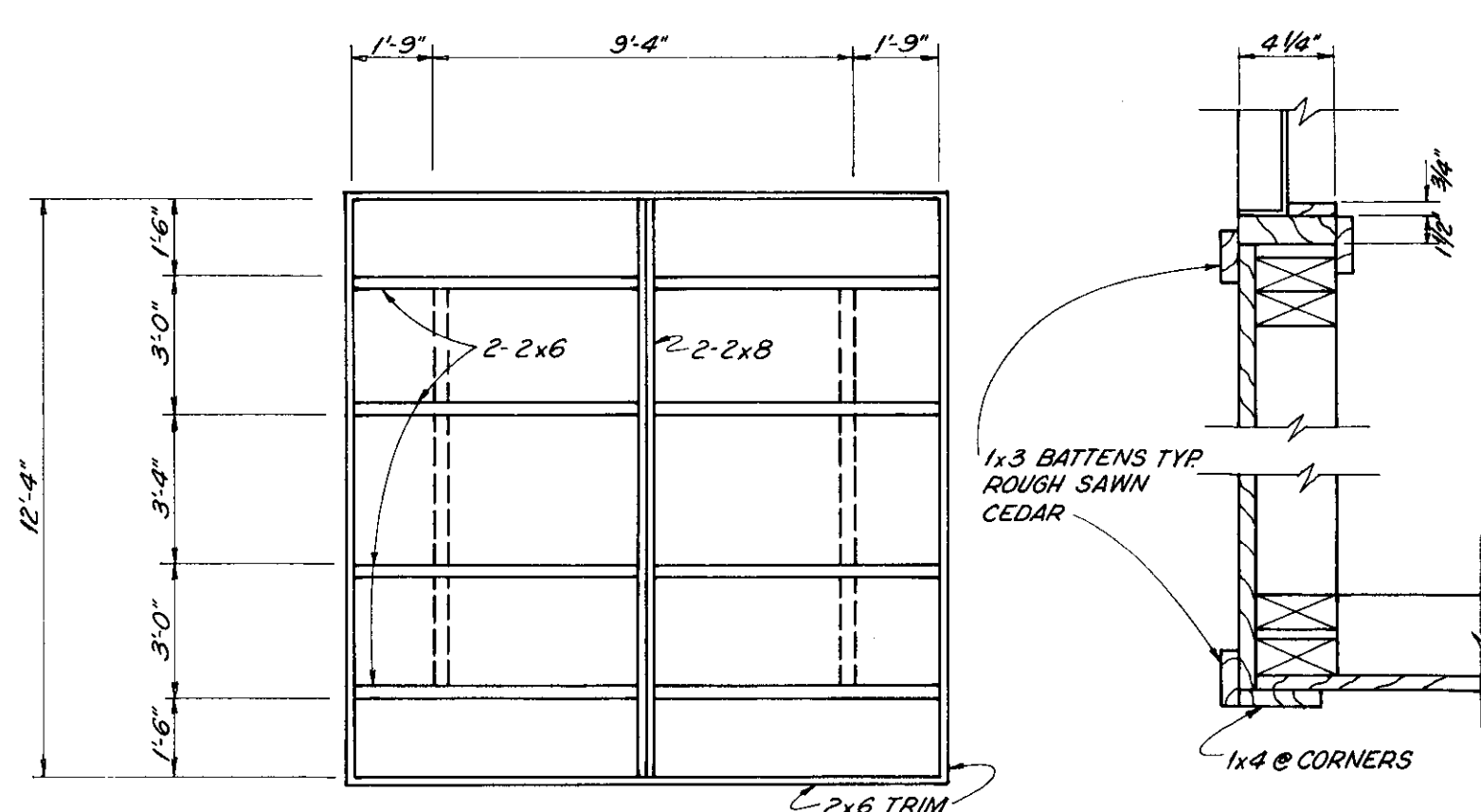
NOTE: SEE SITE PLAN FOR BUILDING ORIENTATION.



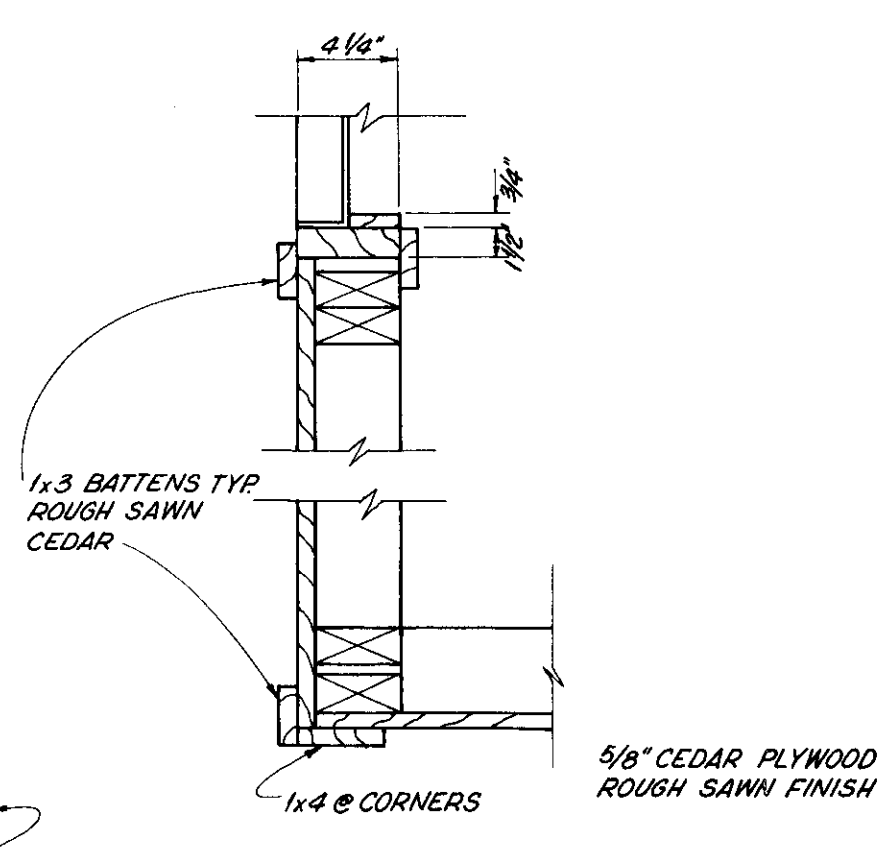
PLAN  
Scale: 1/2"=1'



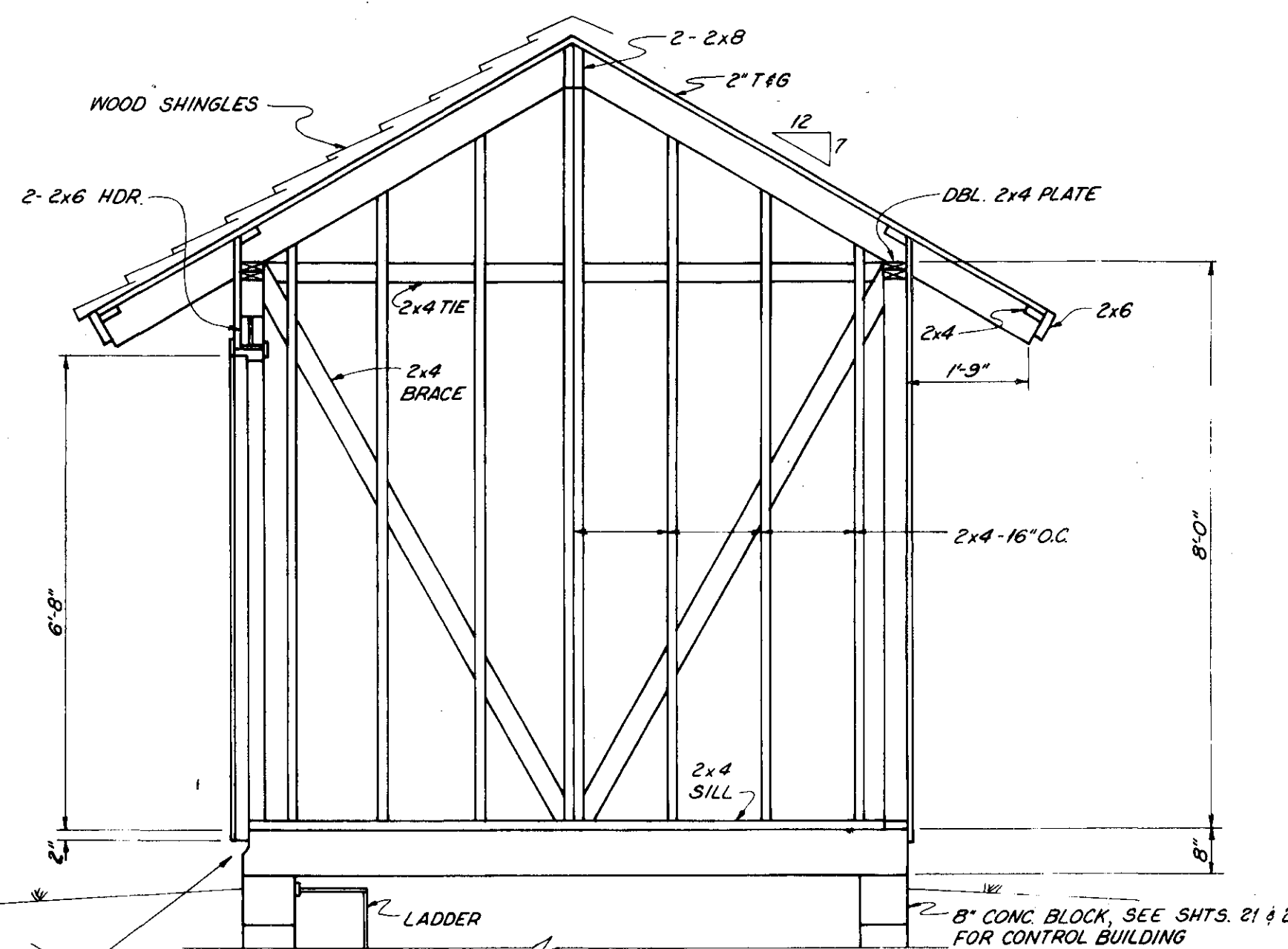
ALUMINUM GRATING DETAIL  
No Scale



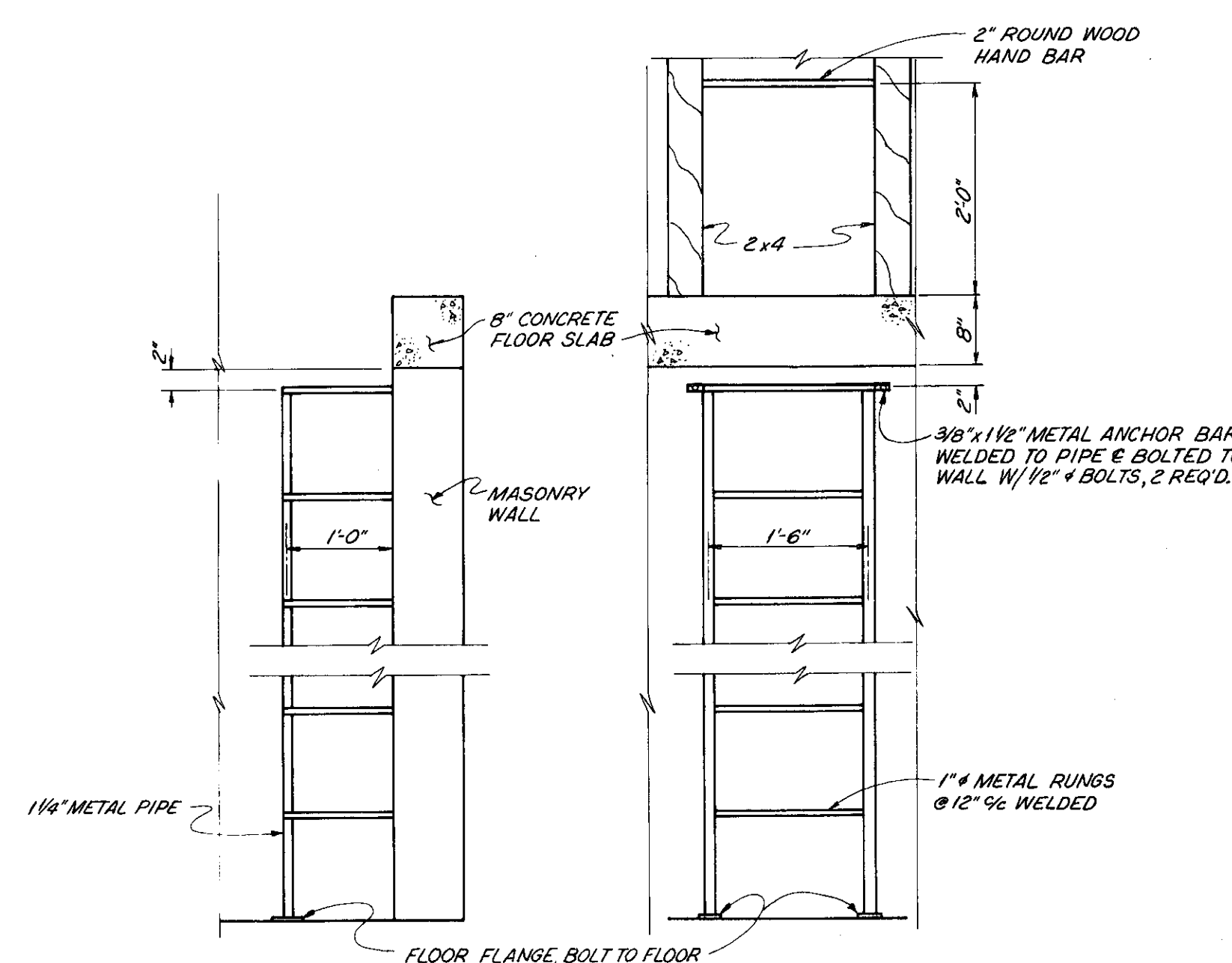
ROOF FRAMING PLAN  
Scale: 1/4"=1'



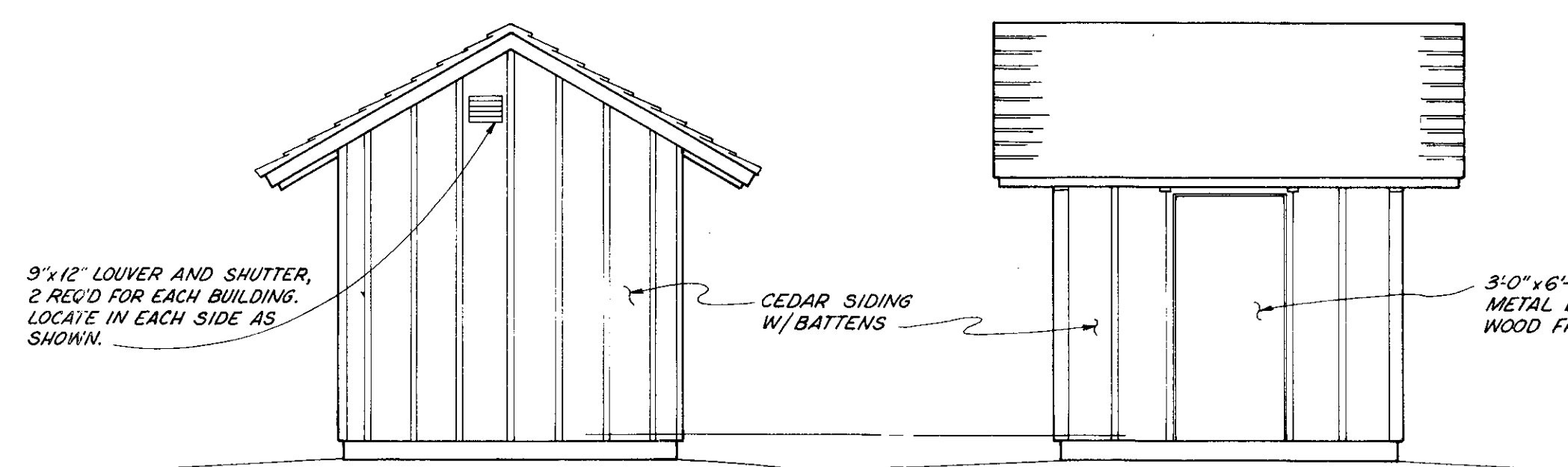
TYPICAL CORNER  
Scale: 1/2"=1'



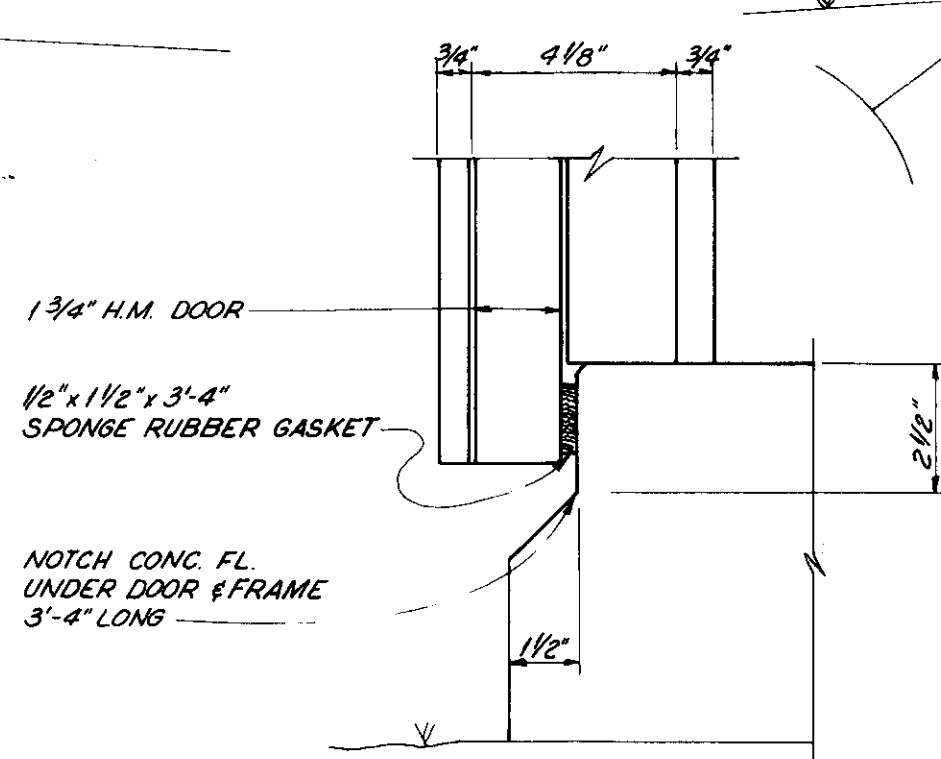
SECTION A-A  
Scale: 1/2"=1'



LADDER DETAILS  
No Scale



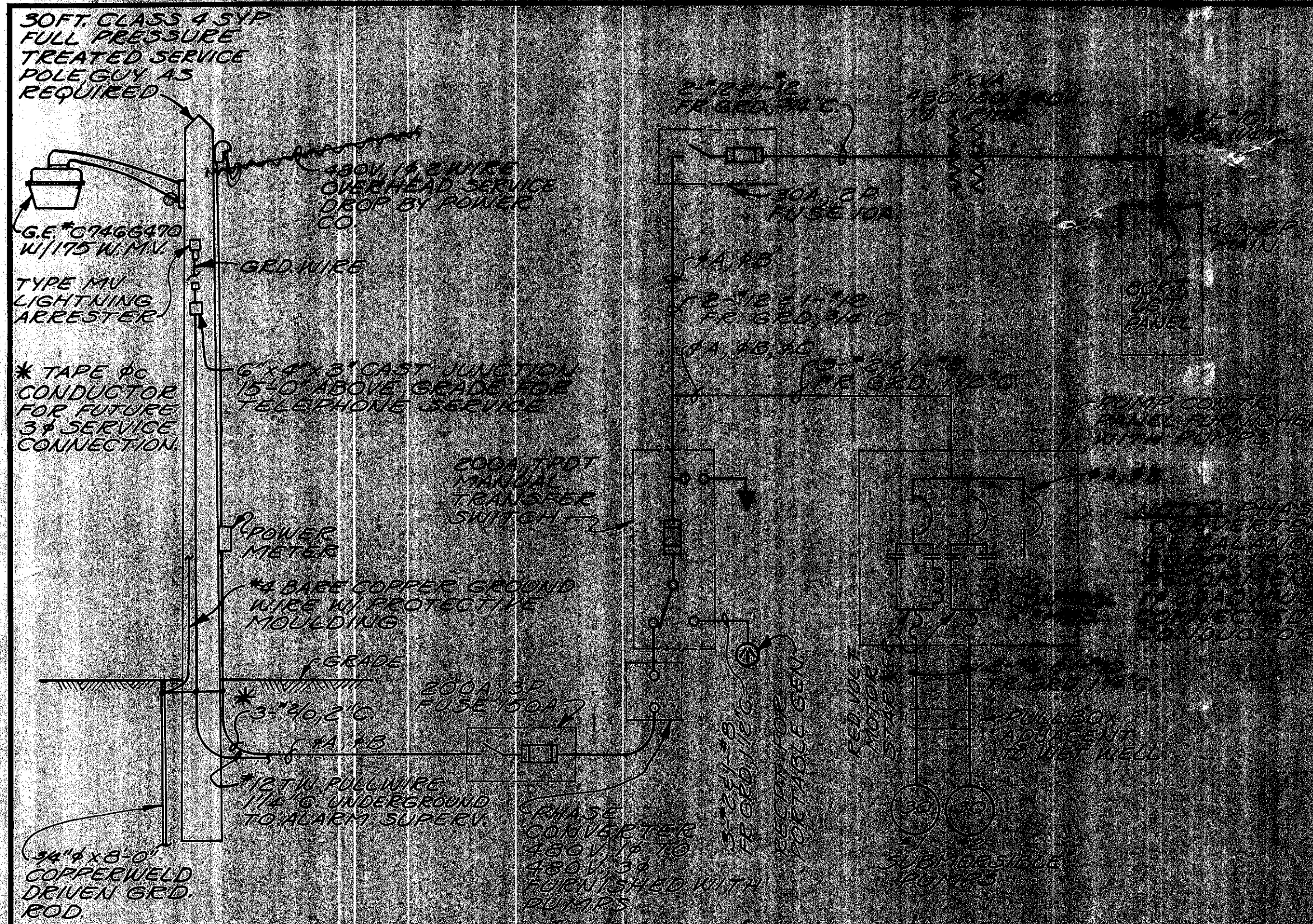
ELEVATIONS  
Scale: 1/4"=1'



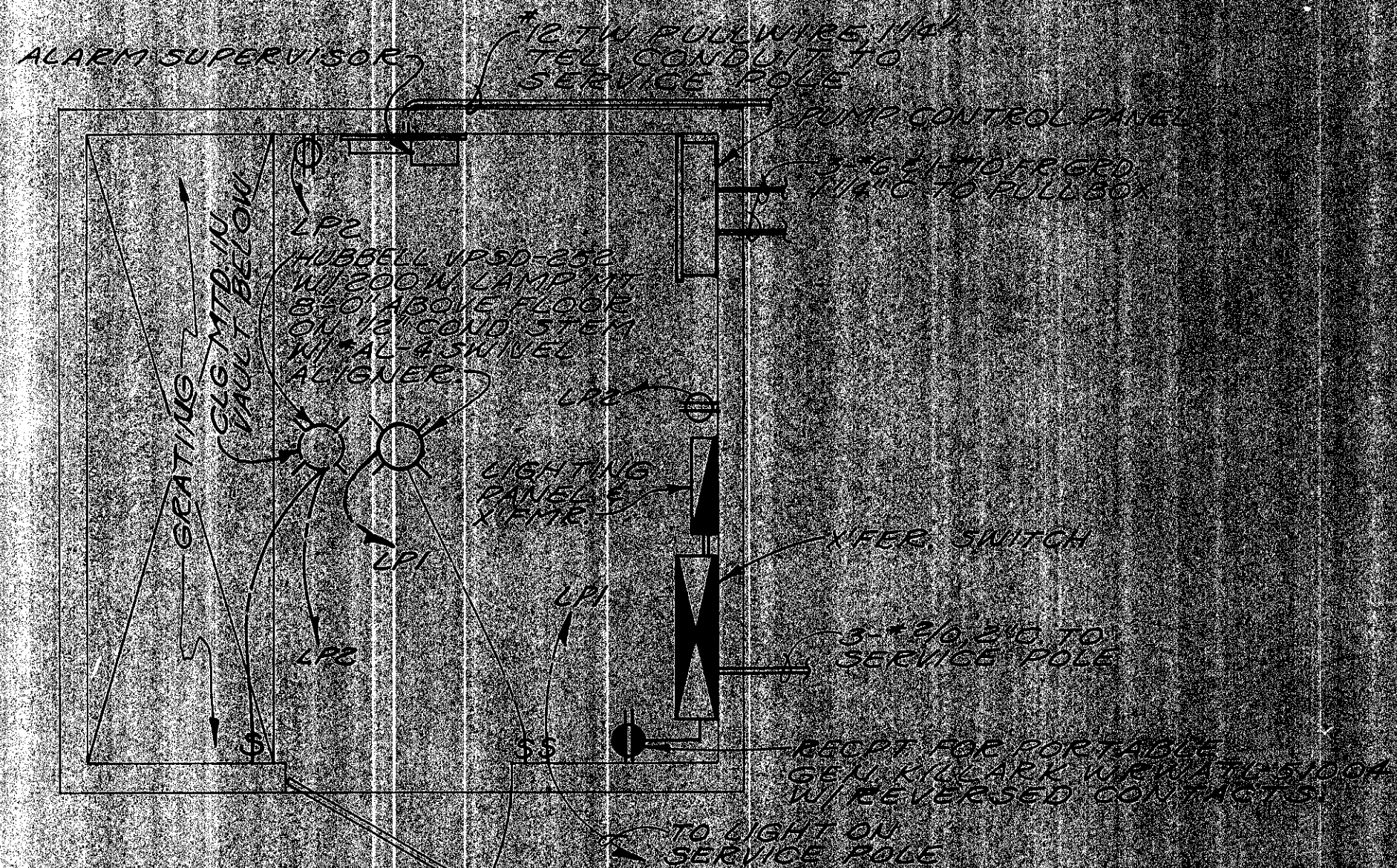
DETAIL  
Scale: 3"=1'

4-80  
BORG MFG CO  
COLUMBUS, OHIO

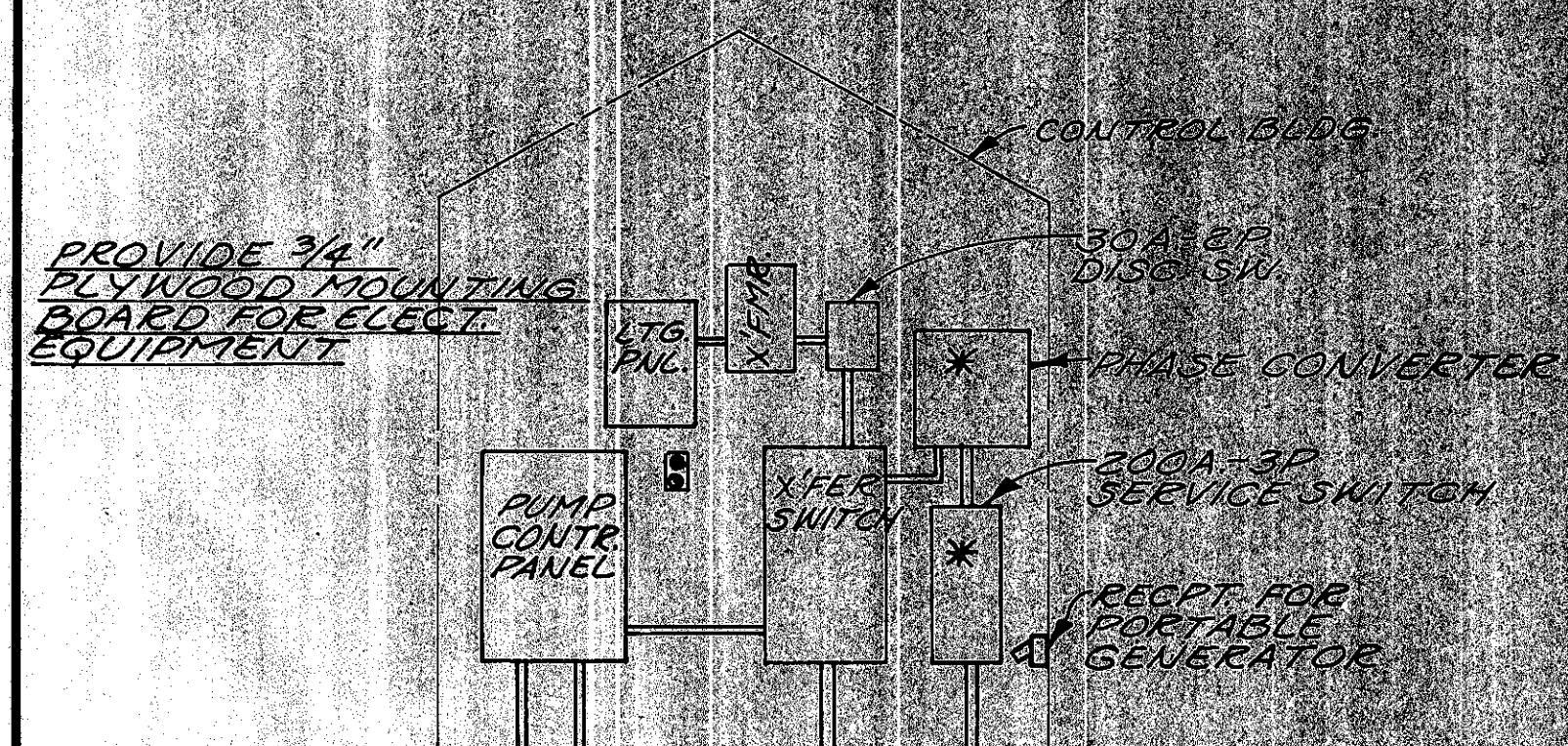




POWER DIAGRAM - PEACHBLOW



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



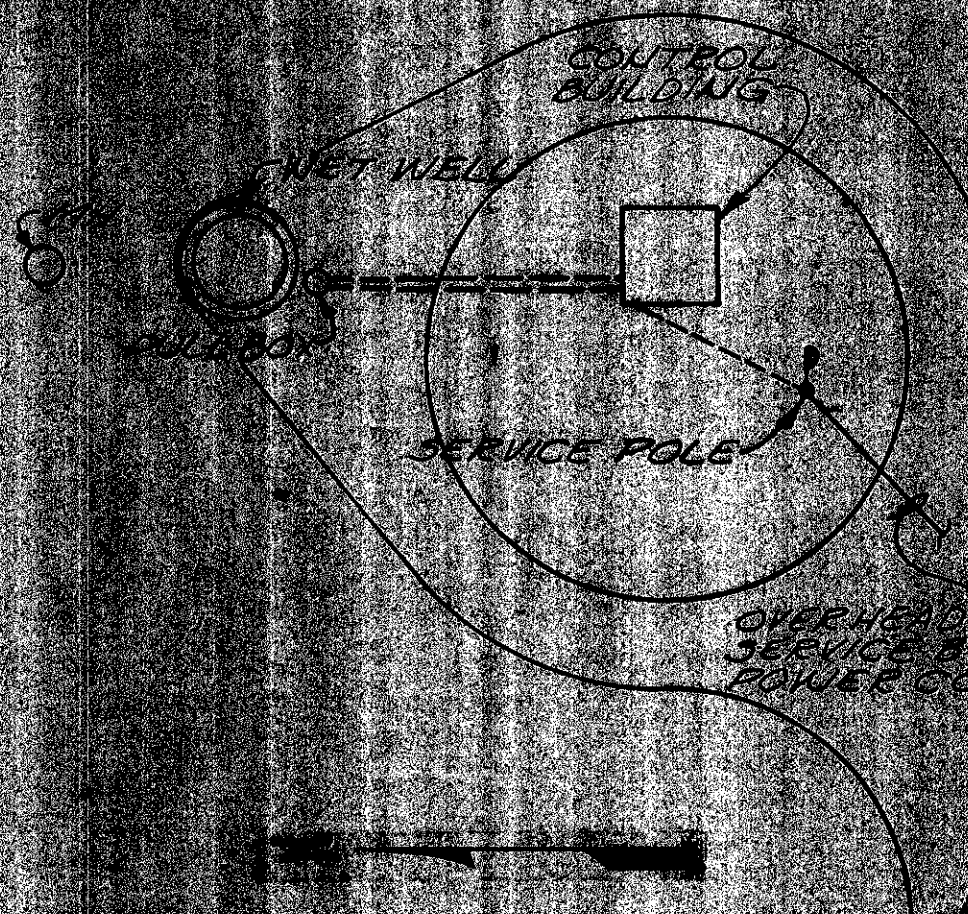
ELEVATION OF ELECTRICAL EQUIPMENT  
SCALE: 3/8" = 1'-0"

\* PROVIDE AT PEACHBLOW STATION ONLY (NOT SHOWN IN PLAN VIEW)

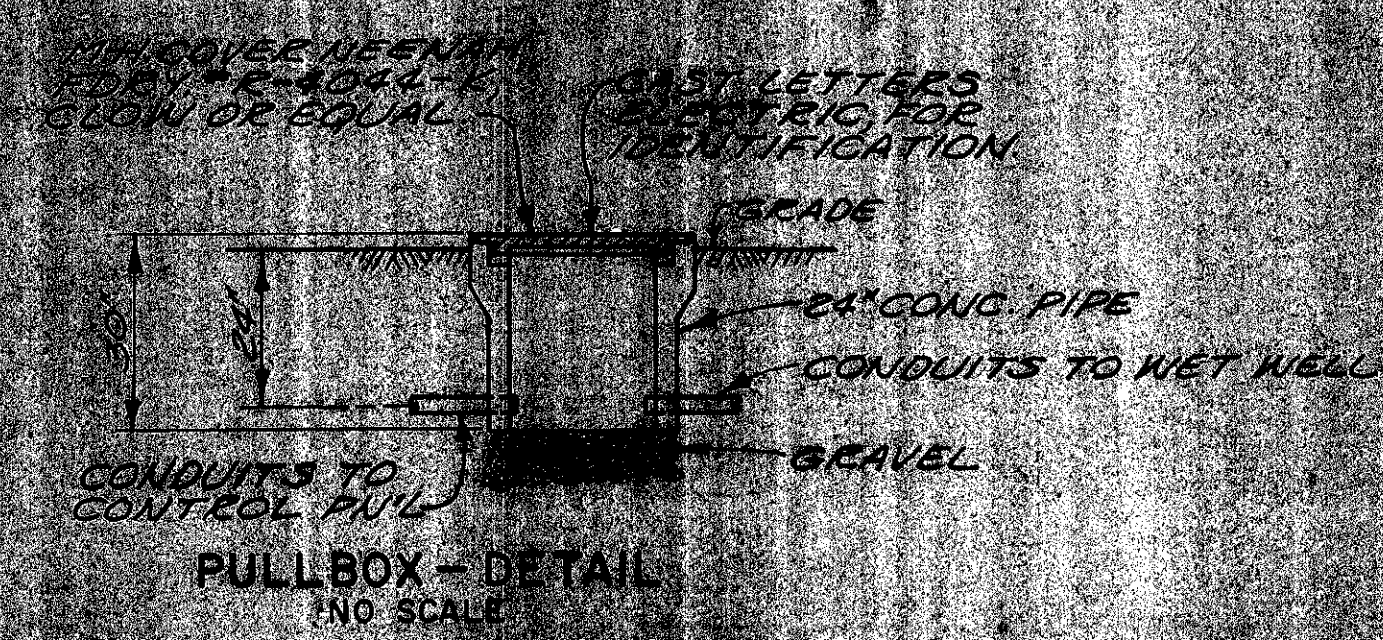


SITE PLAN - CHESHIRE LIFT STATION  
SCALE: 1" = 20'-0"

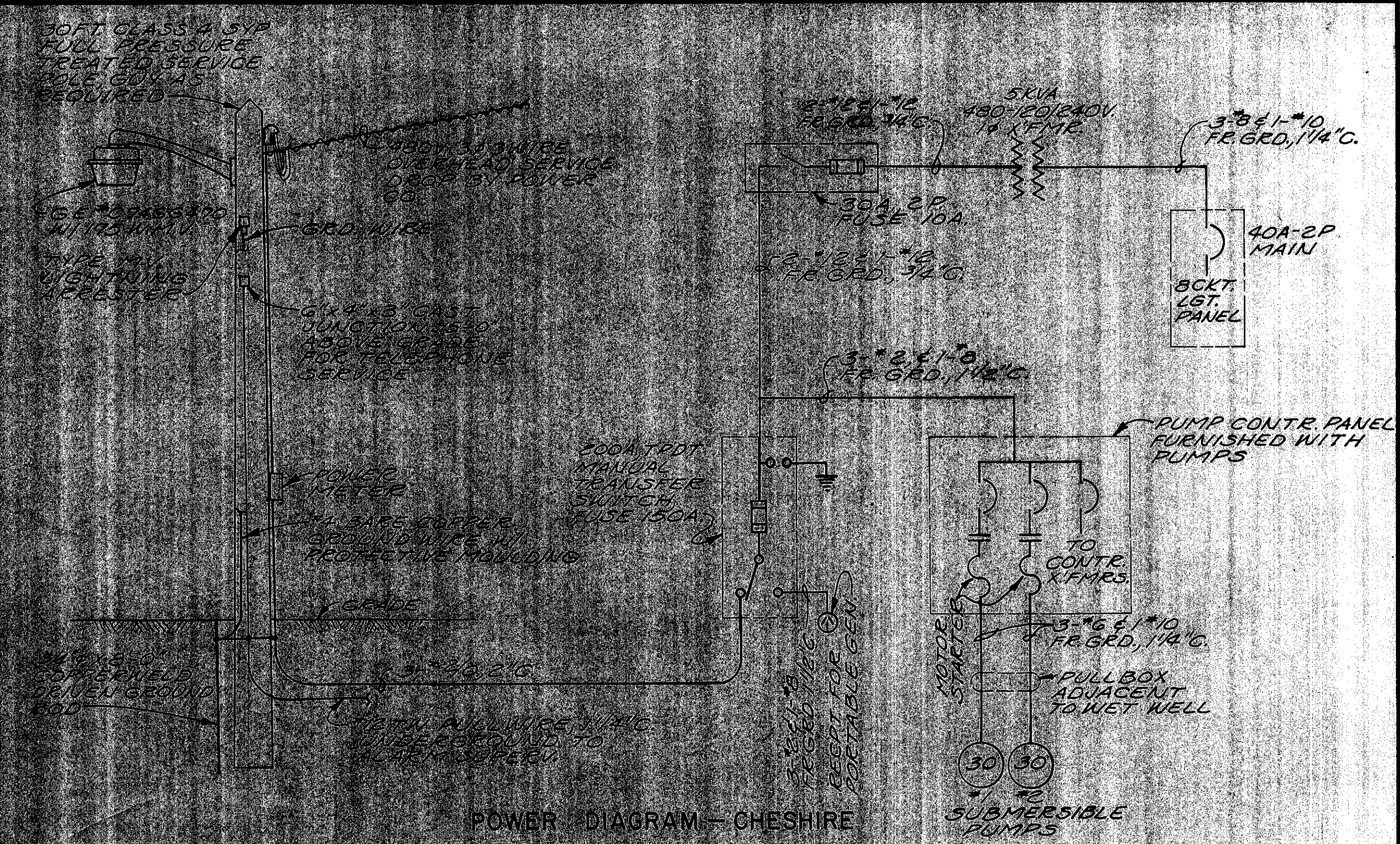
NOTE: THE HORSEPOWER SHOWN ARE ESTIMATED ONLY. THE CONTRACTOR SHALL VERIFY THE ELECTRICAL RATINGS OF EQUIPMENT TO BE FURNISHED AND PROVIDE PROPER CONDUIT, WIRE, CONDUIT, AND CONNECTION AT HIS OWN RISK IN CONTRACT PRICE.



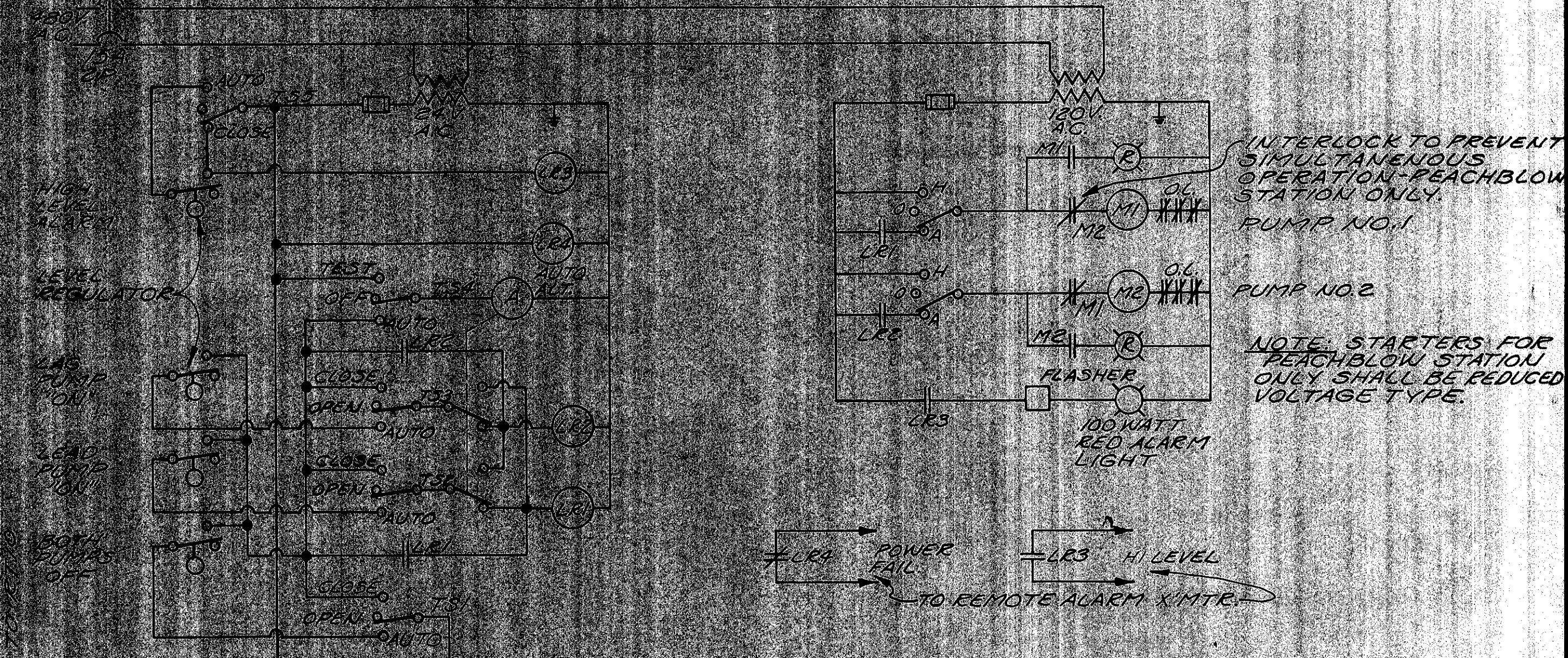
SITE PLAN - PEACHBLOW LIFT STATION  
SCALE: 1" = 20'-0"



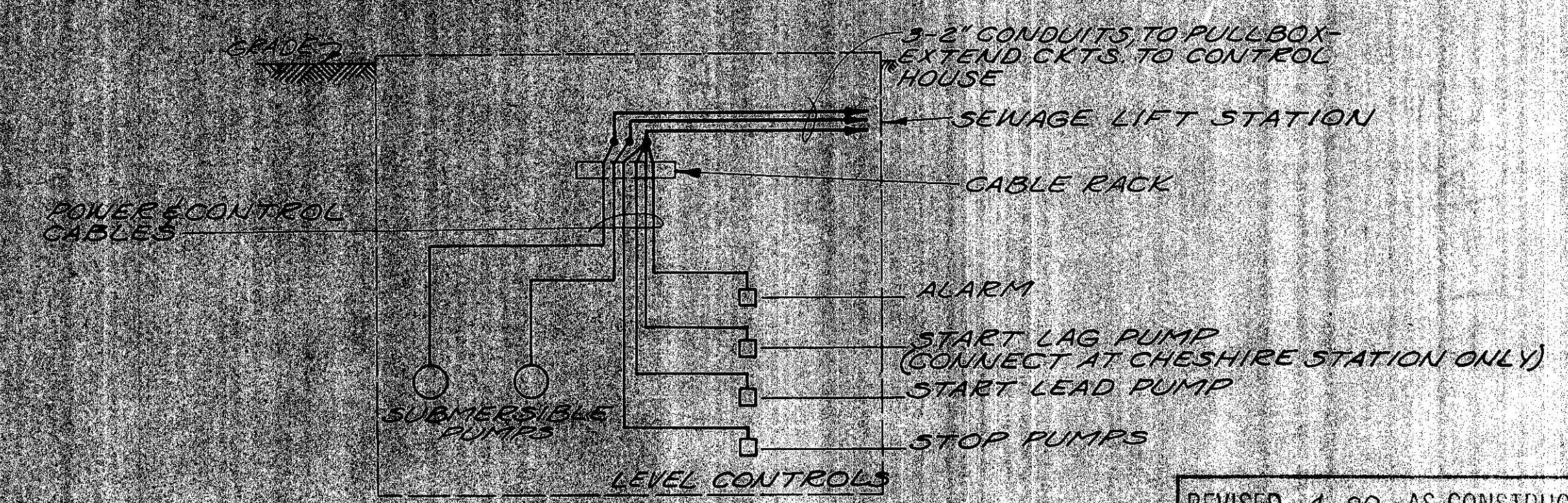
PULL BOX - DETAIL  
NO SCALE



POWER DIAGRAM - CHESHIRE



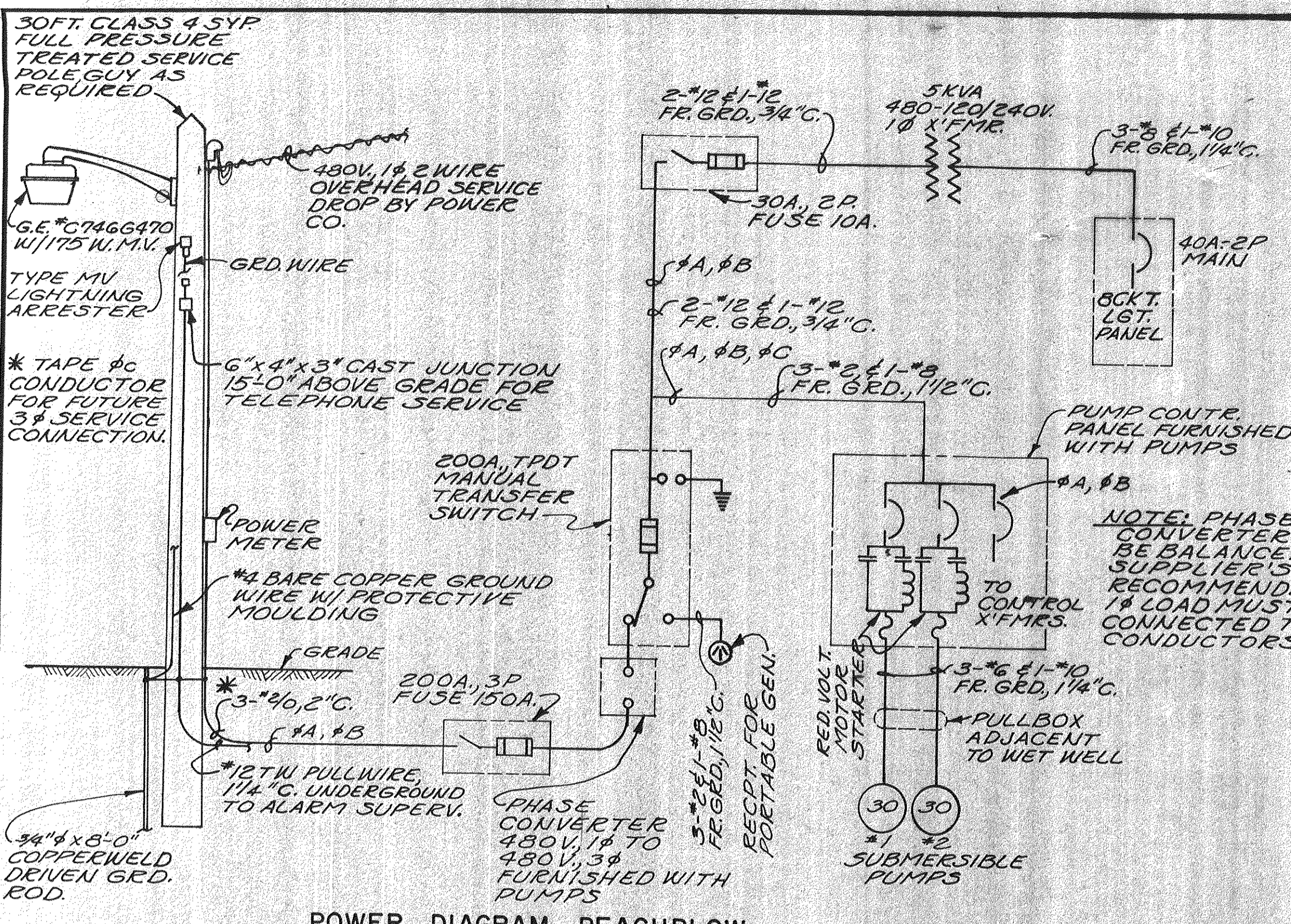
PUMP CONTROL DIAGRAM - PEACHBLOW & CHESHIRE  
(FURNISHED WITH PUMPS)



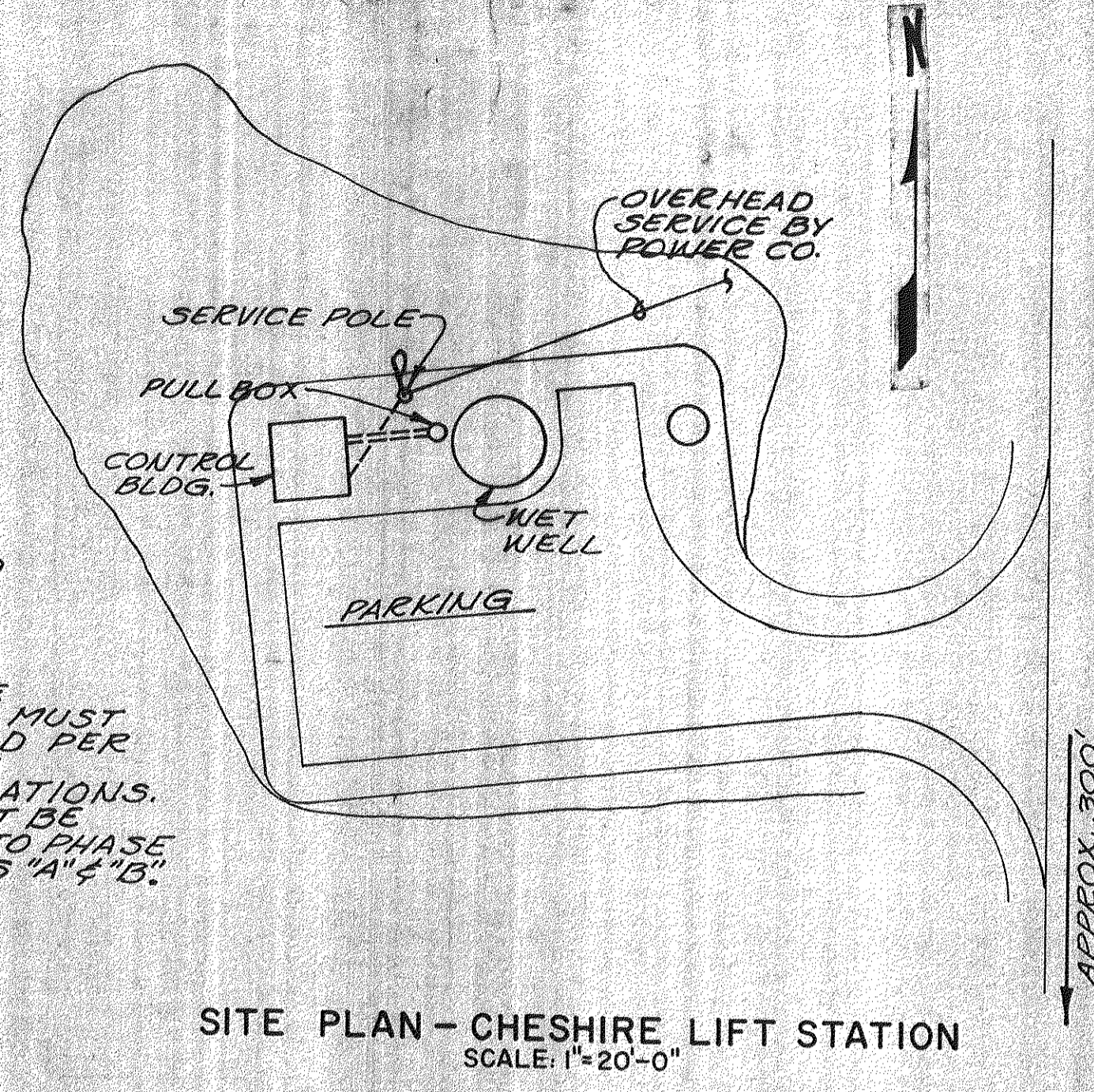
EQUIPMENT DIAGRAM - PEACHBLOW & CHESHIRE

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.

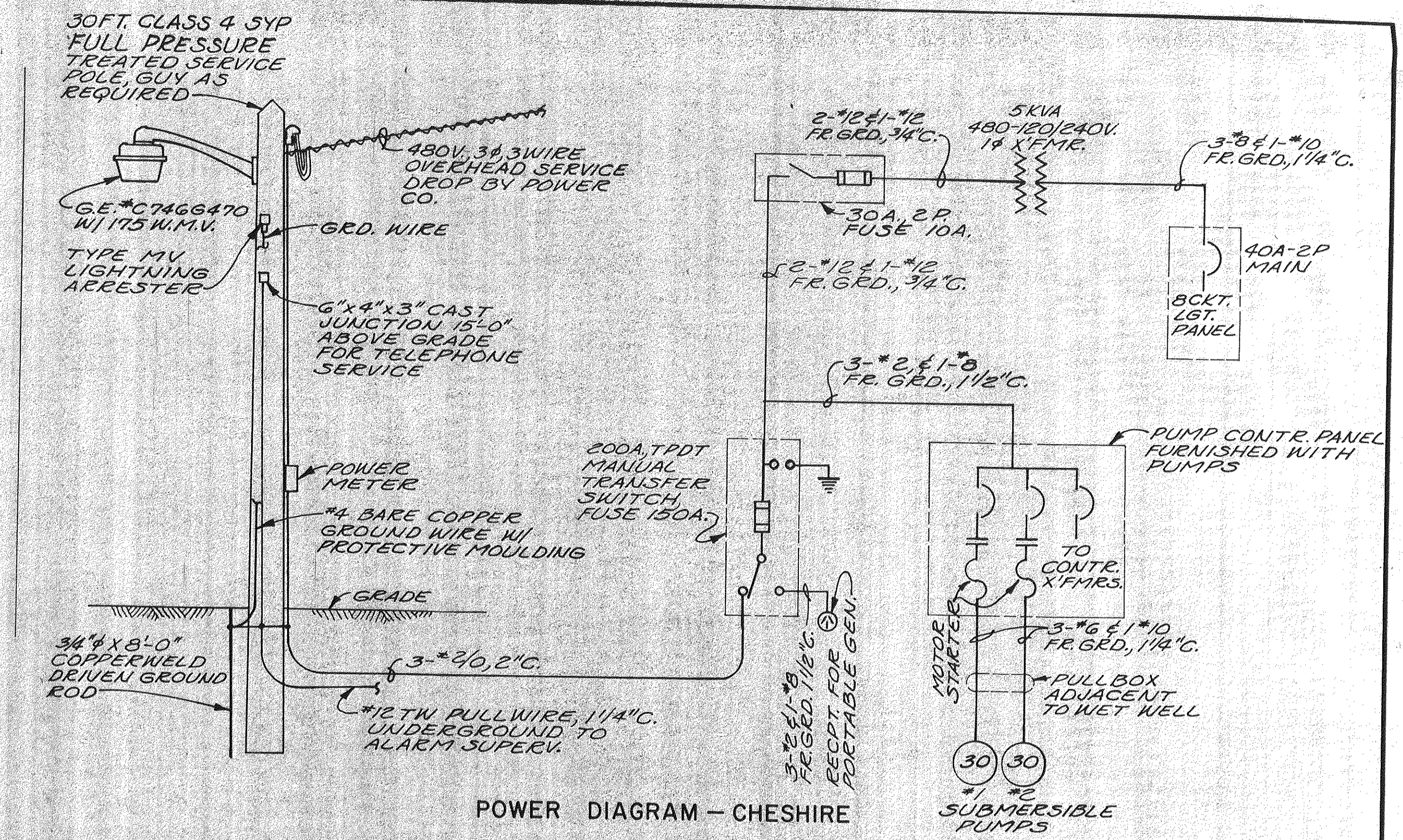




POWER DIAGRAM - PEACHBLOW

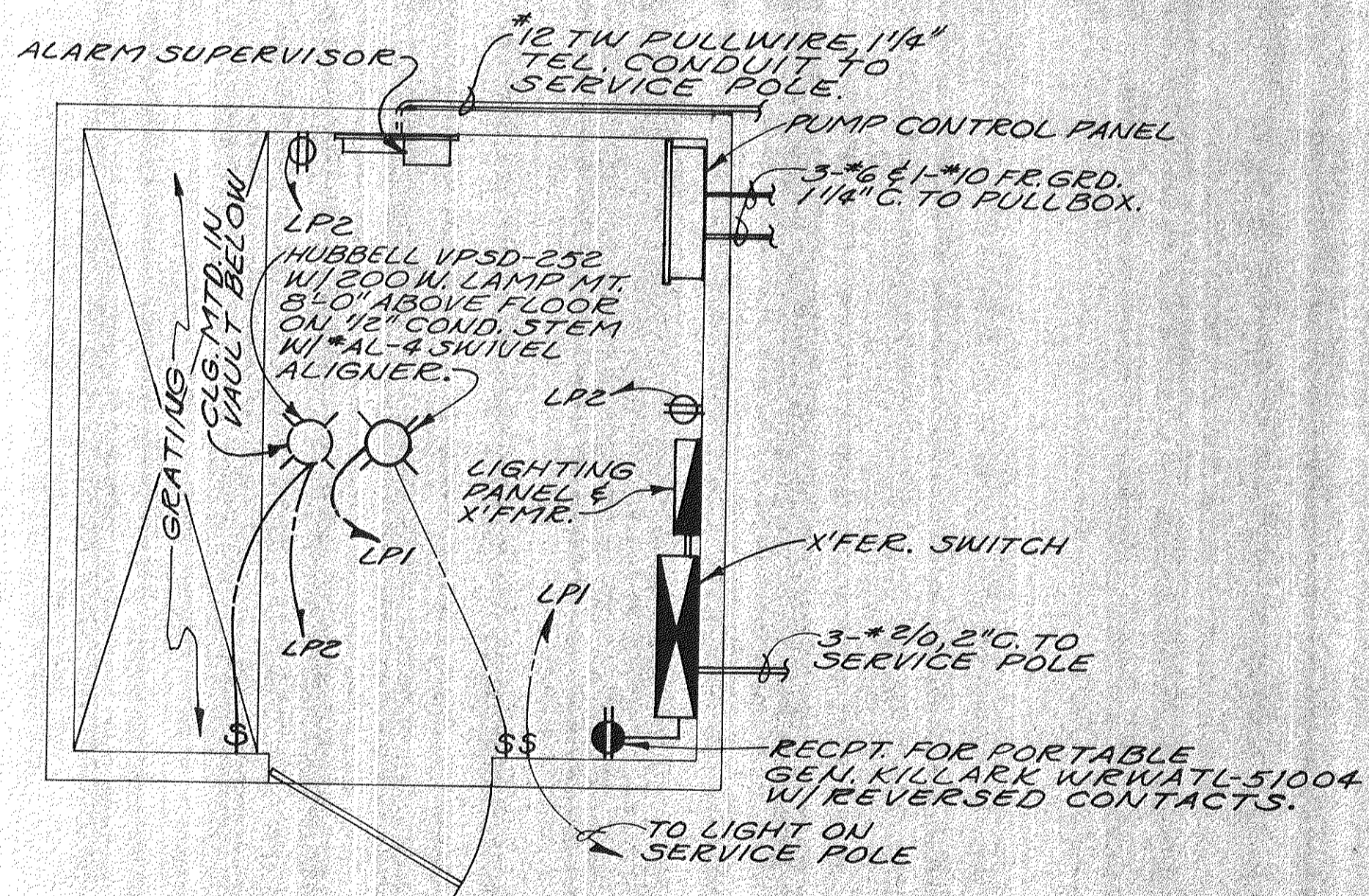


SITE PLAN - CHESHIRE LIFT STATION  
SCALE: 1"=20'-0"

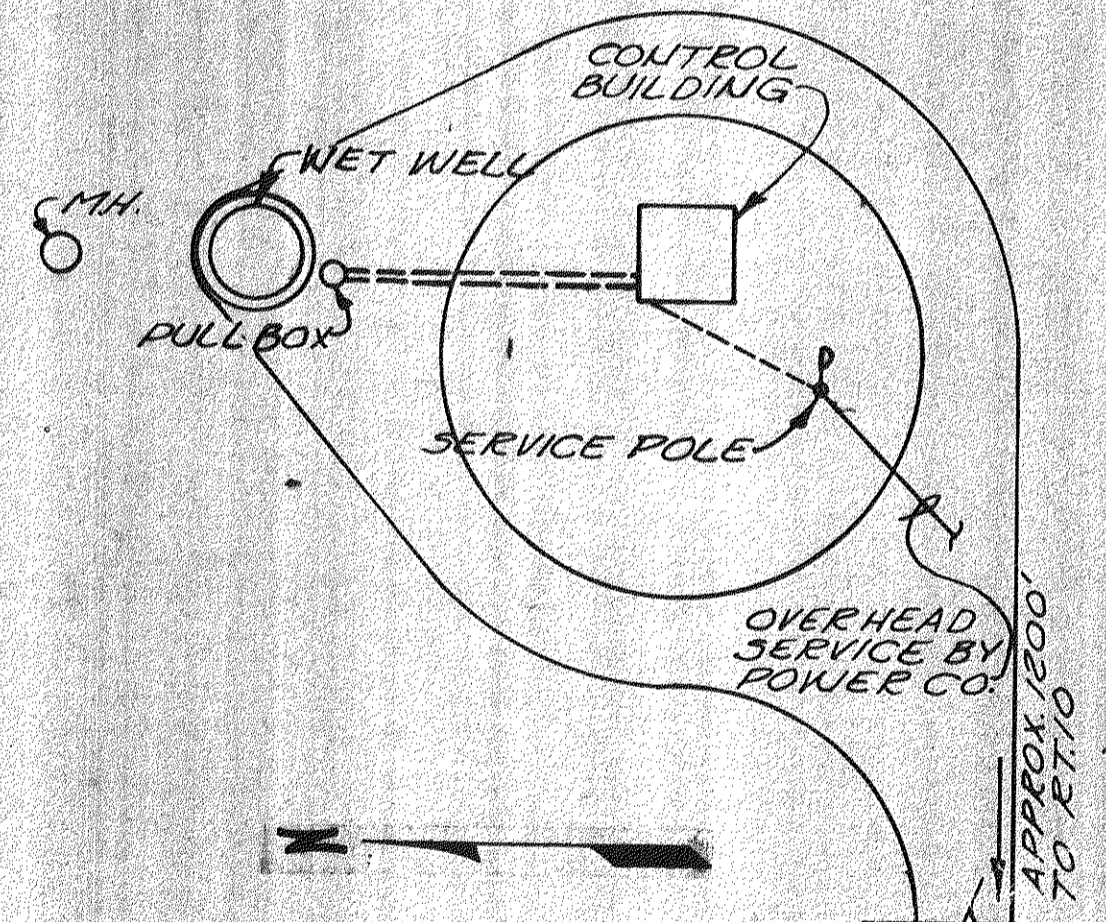


POWER DIAGRAM - CHESHIRE

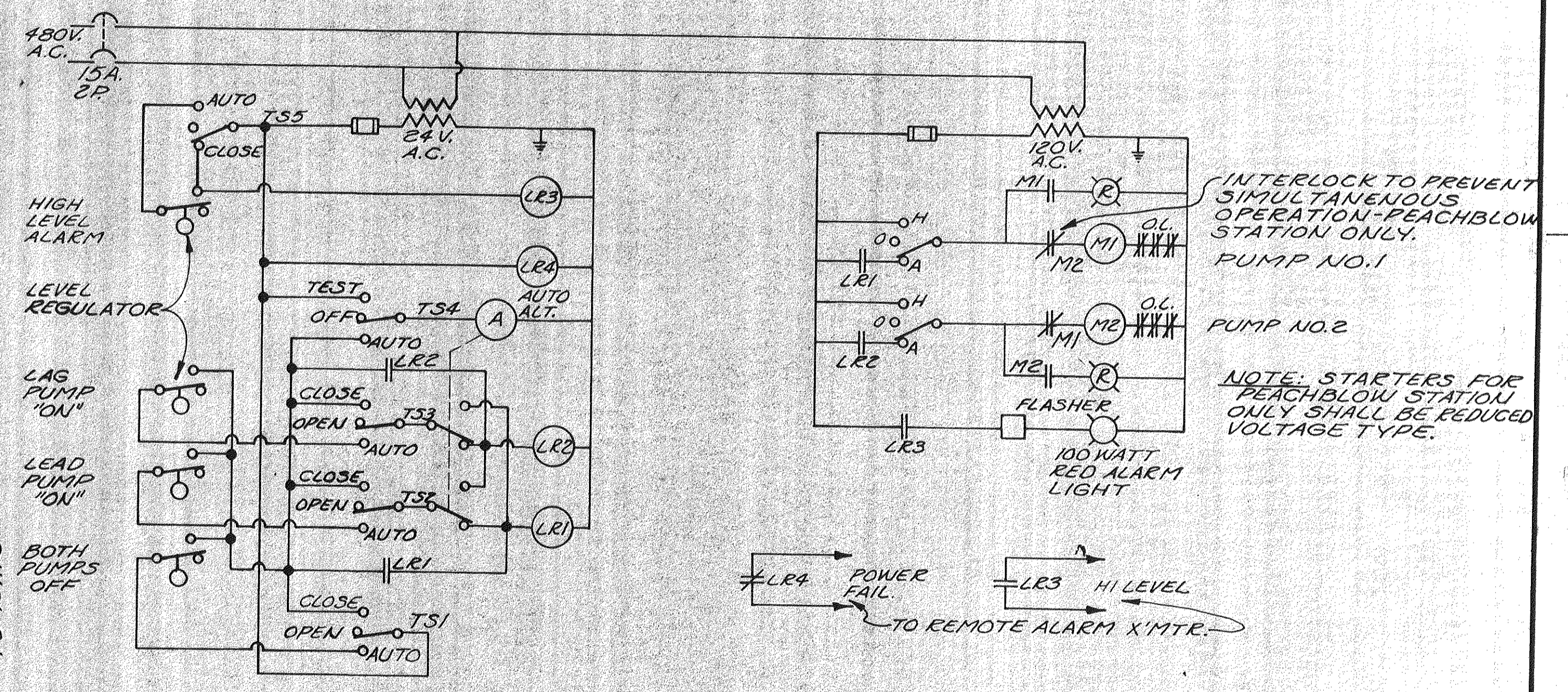
NOTE:  
THE HORSEPOWERS SHOWN ARE ESTIMATED ONLY.  
THE CONTRACTOR SHALL VERIFY THE ELECTRICAL RATINGS OF EQUIPMENT TO BE FURNISHED AND PROVIDE PROPER CONTROLS, WIRE, CONDUIT, AND CONNECTION AT NO CHANGE IN CONTRACT PRICE.



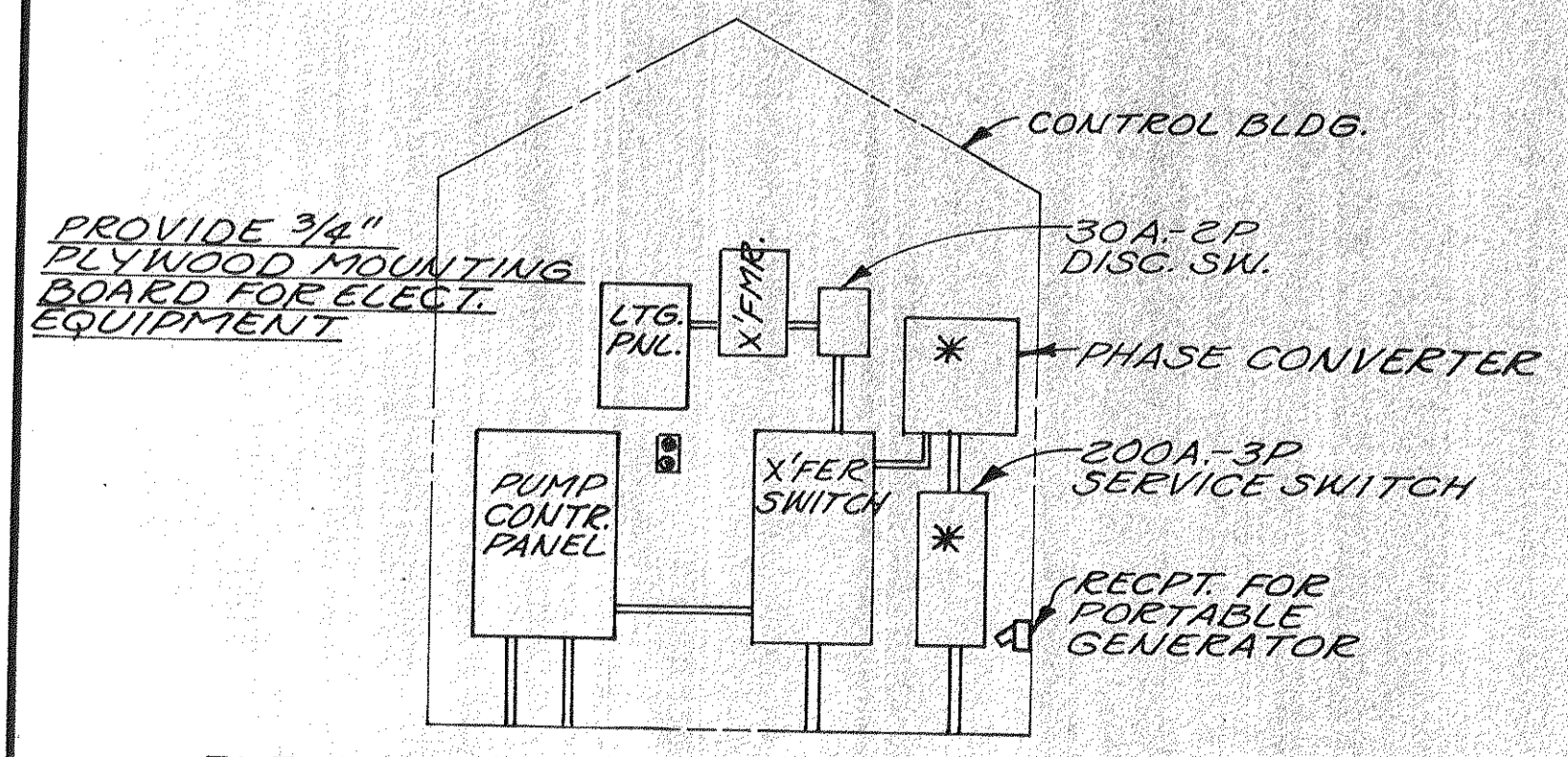
CONTROL BUILDING - PLAN  
SCALE: 1/2"=1'-0"



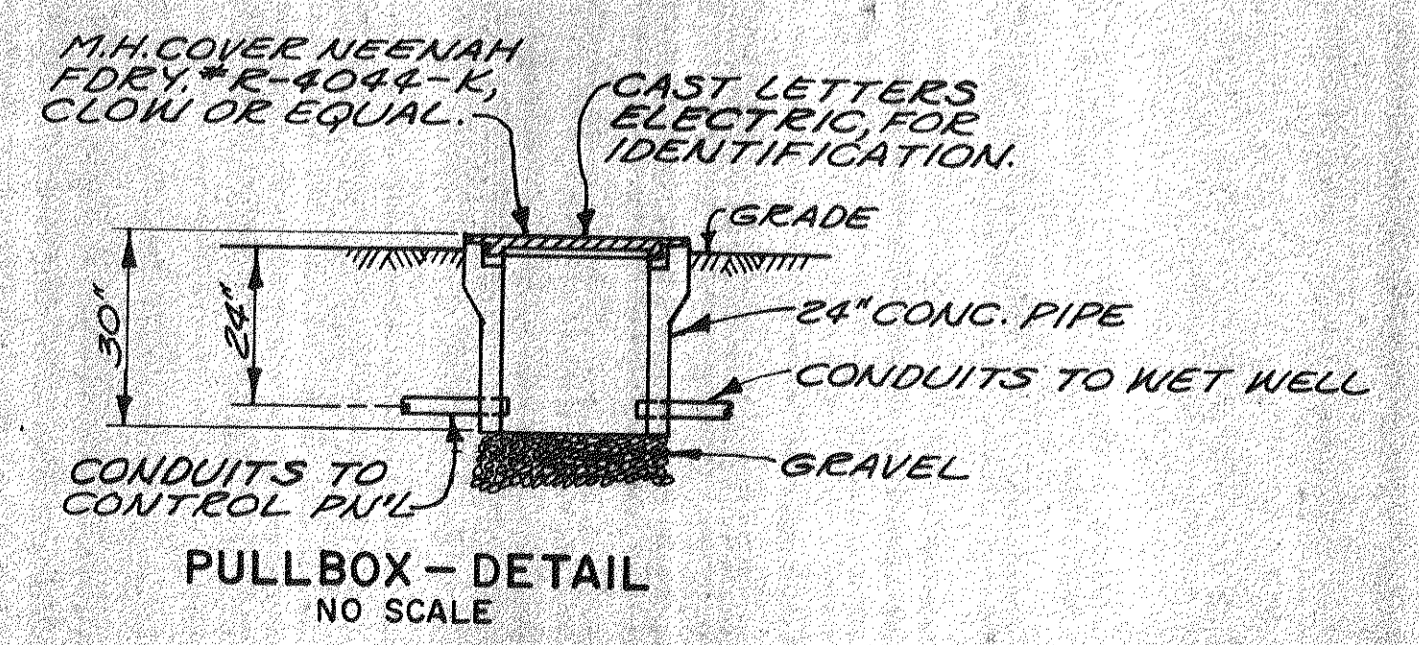
SITE PLAN - PEACHBLOW LIFT STATION  
SCALE: 1"=20'-0"



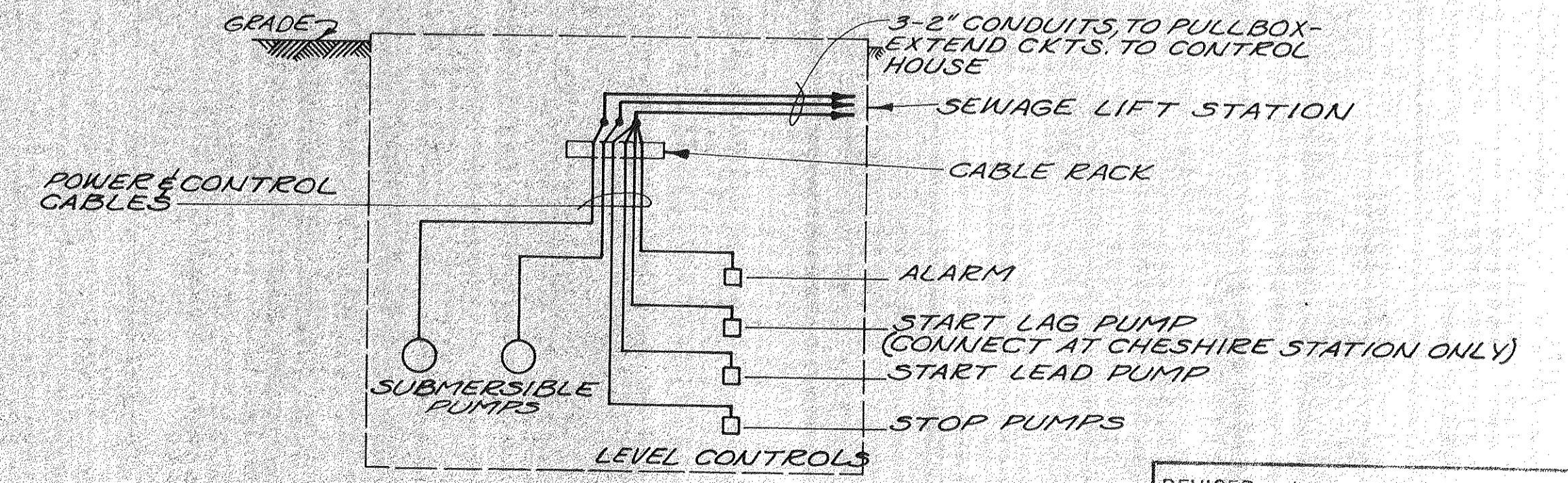
PUMP CONTROL DIAGRAM - PEACHBLOW & CHESHIRE  
(FURNISHED WITH PUMPS)



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 R.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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