

SCALE: 1/4" = 1'-0"

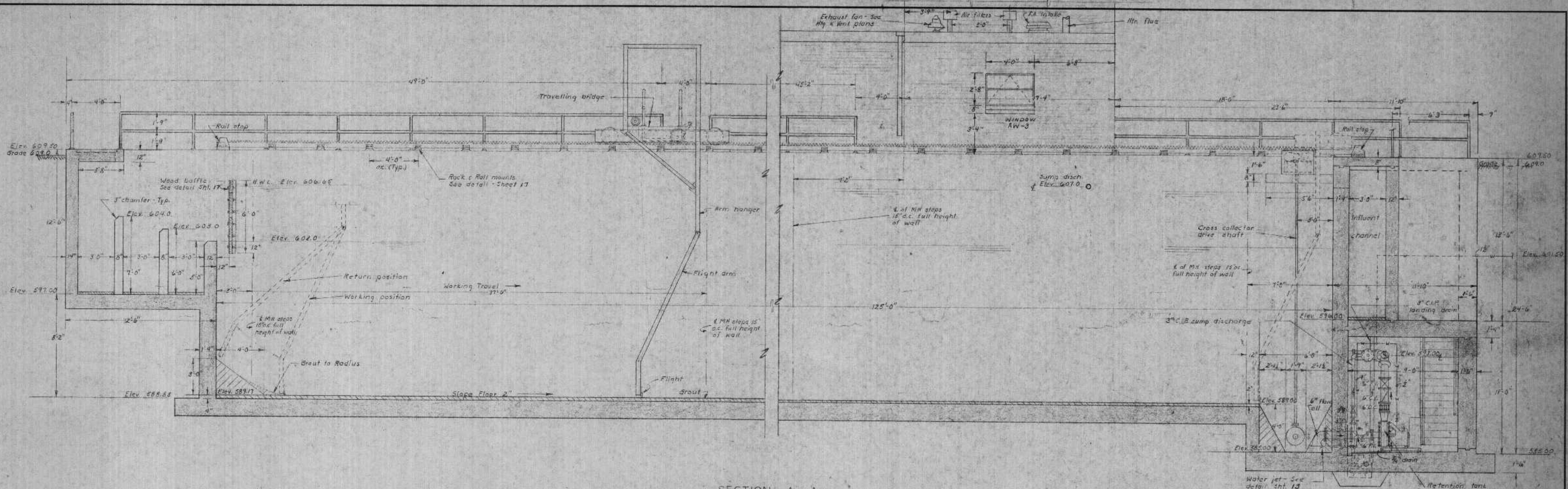


REVIEWED AND APPROVED BY THE  
 DIV. OF ENVIRONMENTAL PROTECTION,  
 DEPT. NATURAL RESOURCES,  
 IN ACCORDANCE WITH SEC. 144.04,  
 WIS. STATS., SUBJECT TO THE CONDITIONS  
 SET FORTH IN THE LETTER OF APPROVAL.  
 THOMAS G. FRANGOS  
 ADMINISTRATOR

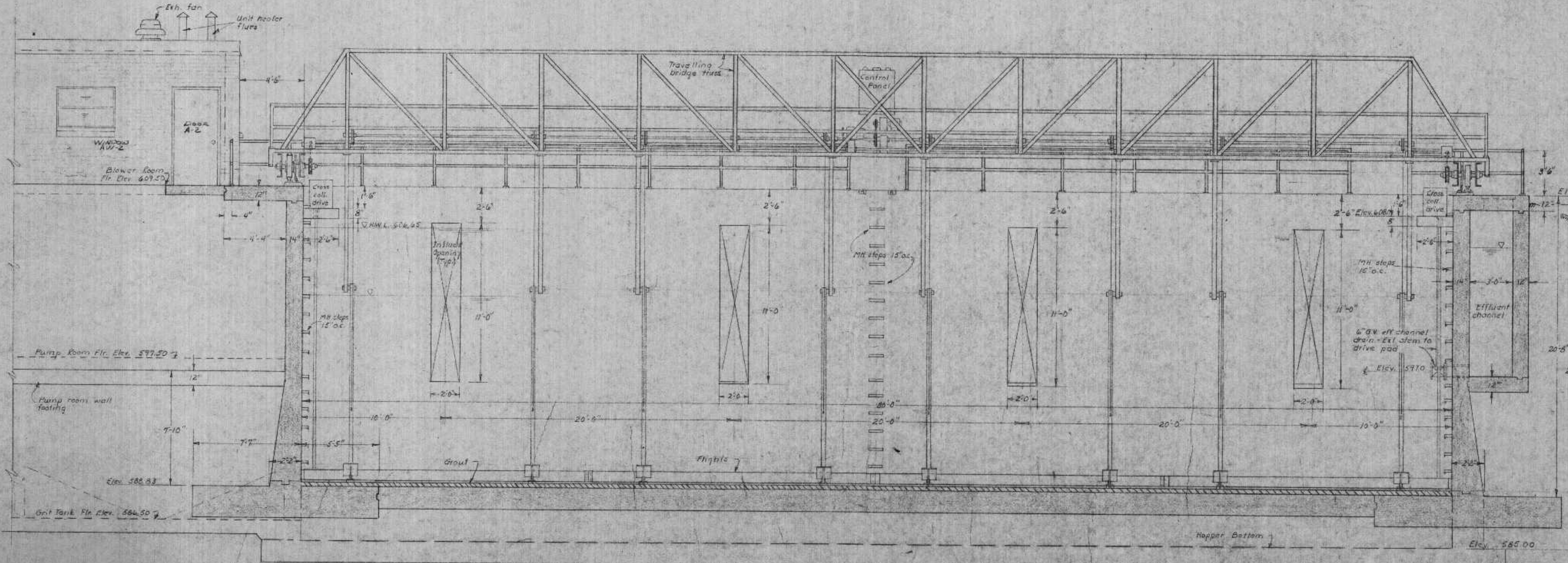
APPROVAL NO.  
**72 355**

DATE: FEB 4 '74

DNR JAN 3 1974



SECTION A-A  
Scale: 1/4" = 1'-0"



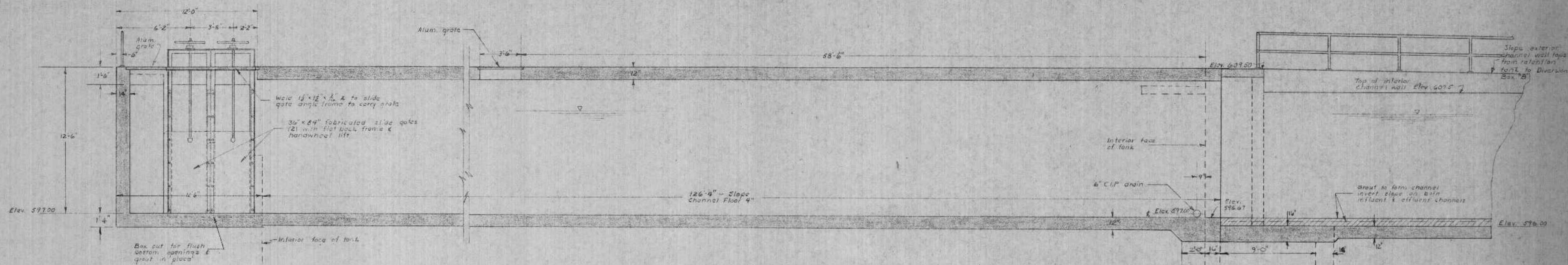
SECTION B-B  
Scale: 1/4" = 1'-0"

REVIEWED AND APPROVED BY THE  
DIV. OF ENVIRONMENTAL PROTECTION,  
DEPT. NATURAL RESOURCES,  
IN ACCORDANCE WITH SEC. 144.04,  
WIS. STATS. SUBJECT TO THE CONDITIONS  
SET FORTH IN THE LETTER OF APPROVAL.  
THOMAS G. FRANGOS  
ADMINISTRATOR

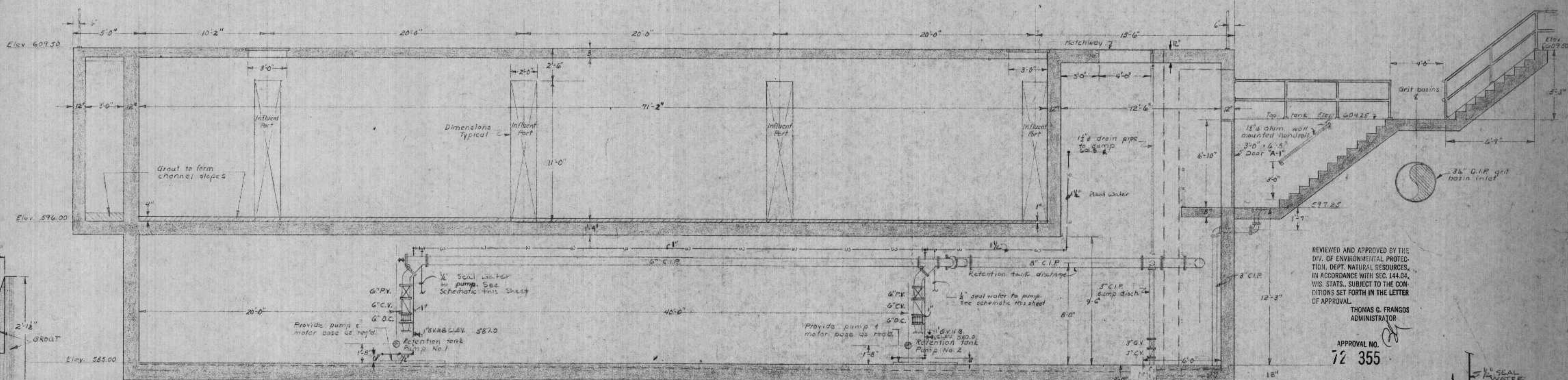
APPROVAL NO.  
**72 355**

DATE: FEB 4 '74

DNR JAN 3 1974

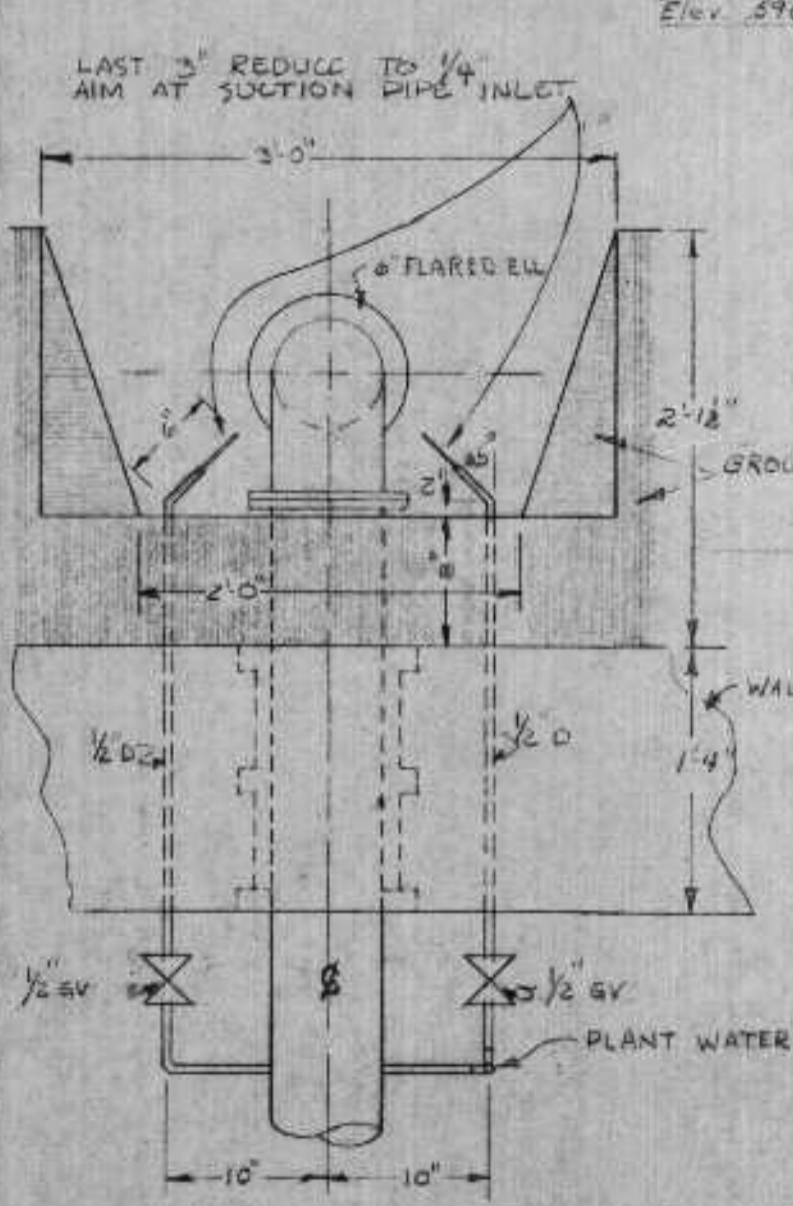


SECTION D-D  
Scale: 1/4" = 1'-0"

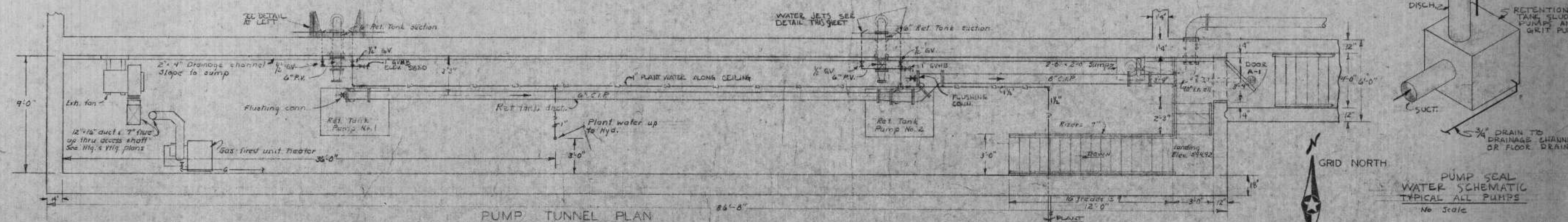


SECTION C-C  
Scale: 1/4" = 1'-0"

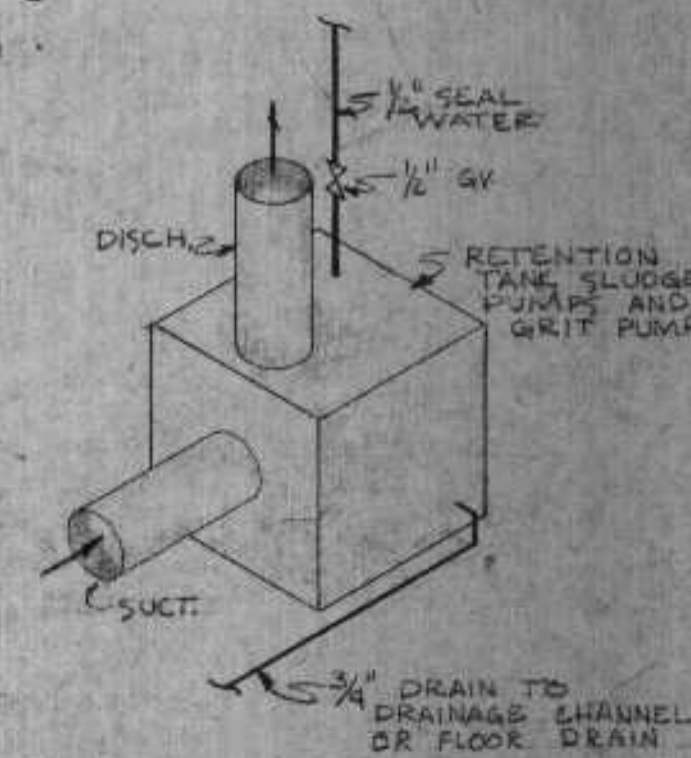
REVIEWED AND APPROVED BY THE  
DIV. OF ENVIRONMENTAL PROTECTION,  
DEPT. NATURAL RESOURCES,  
IN ACCORDANCE WITH SEC. 144.04,  
WIS. STATS., SUBJECT TO THE LETTER  
OF APPROVAL.  
**THOMAS G. FRANGOS**  
ADMINISTRATOR  
  
APPROVAL NO.  
**72 355**  
DATE: FEB 4 '74



WATER JET DETAIL  
SCALE 1" = 1'-0"  
(TYP FOR SECTION ON  
RET. TANK PUMP #1 (C-1))



PUMP TUNNEL PLAN  
Scale: 1/4" = 1'-0"



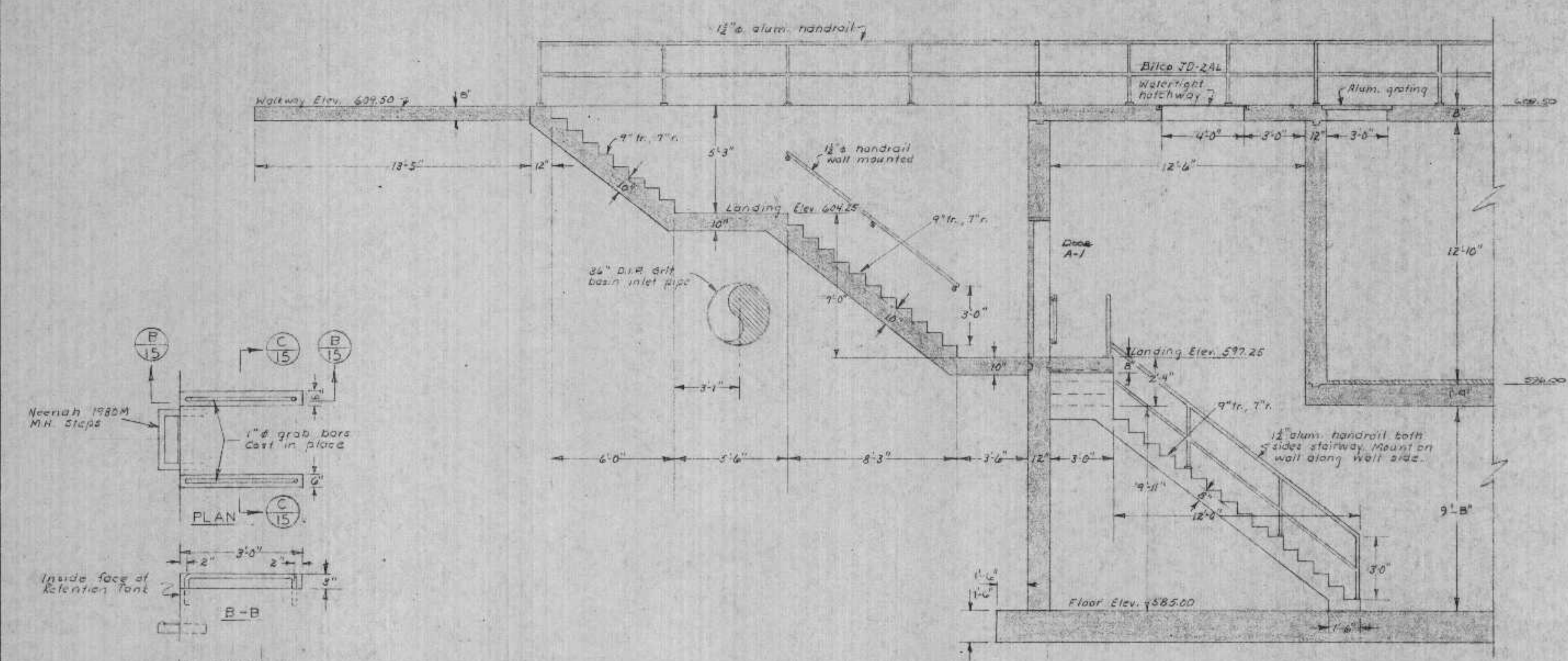
PUMP SEAL WATER SCHEMATIC  
TYPICAL ALL PUMPS  
No Scale

REVISIONS	
NO.	DESCRIPTION

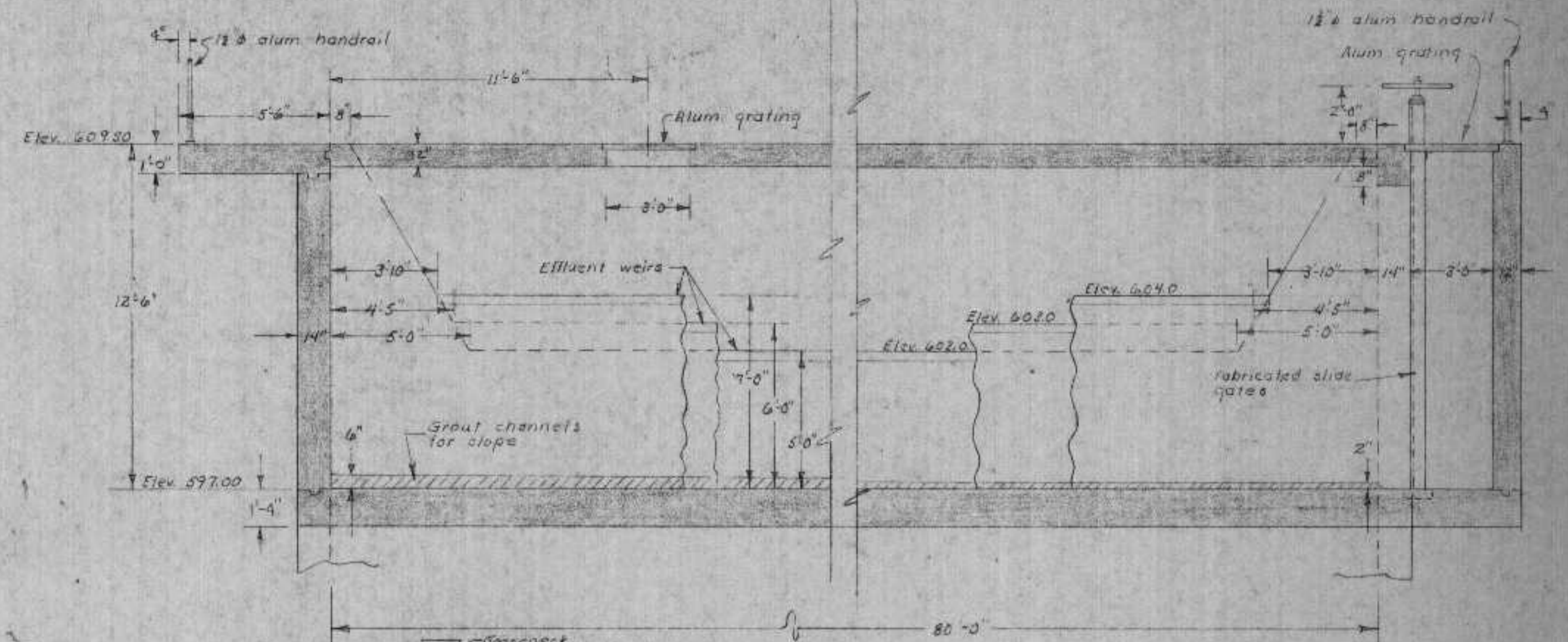
BONESTROO, ROSENE, ANDERLIK & ASSOC., INC.  
ST. PAUL, MINNESOTA

**SUPERIOR, WISCONSIN**  
DATE: FEBRUARY 2, 1971. COMM. 6888 A

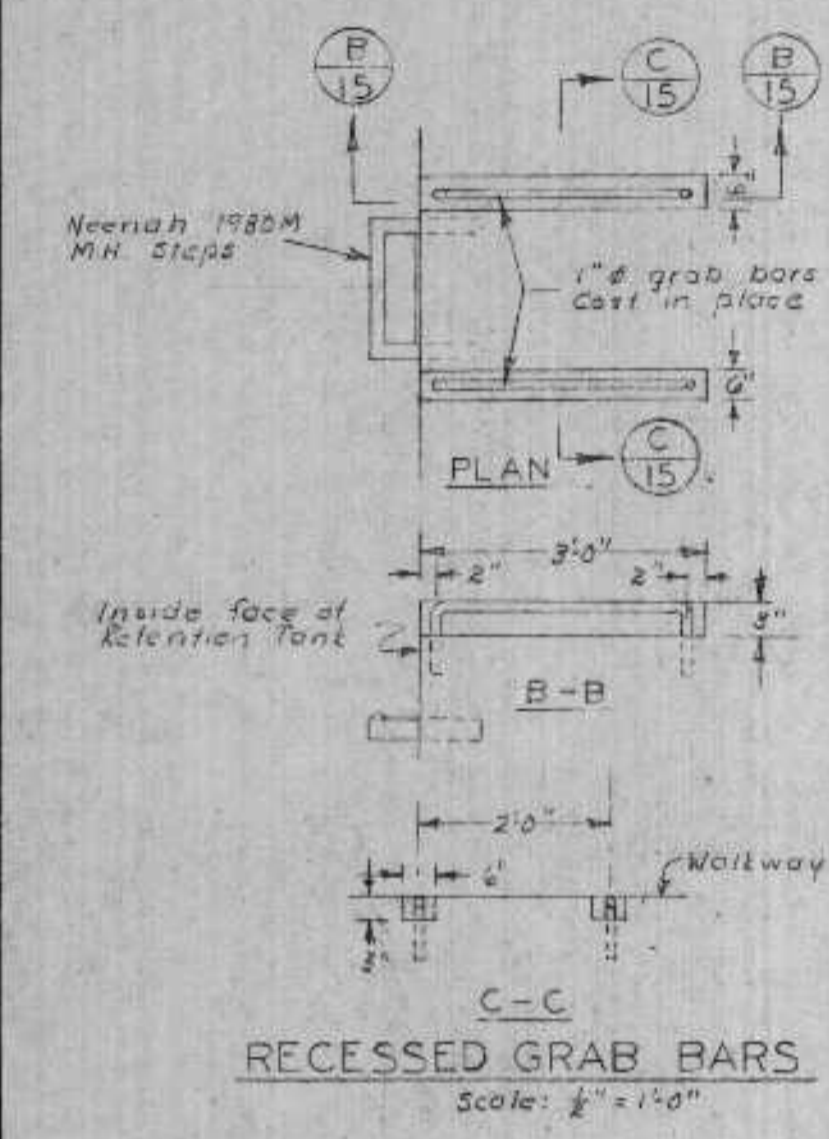
BYPASS RETENTION TANK SECTIONS



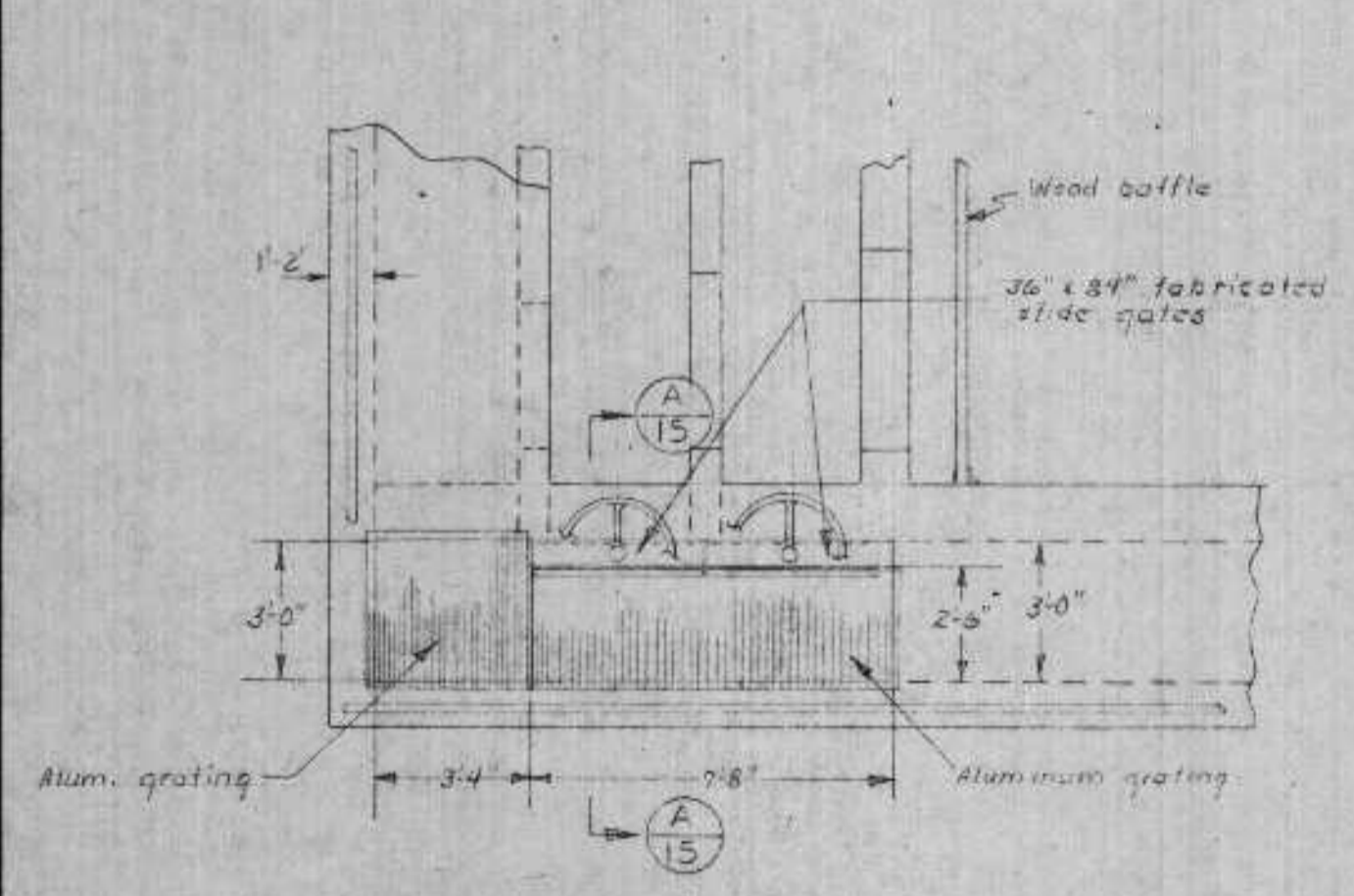
SECTION J-J  
Scale: 1/4" = 1'-0"



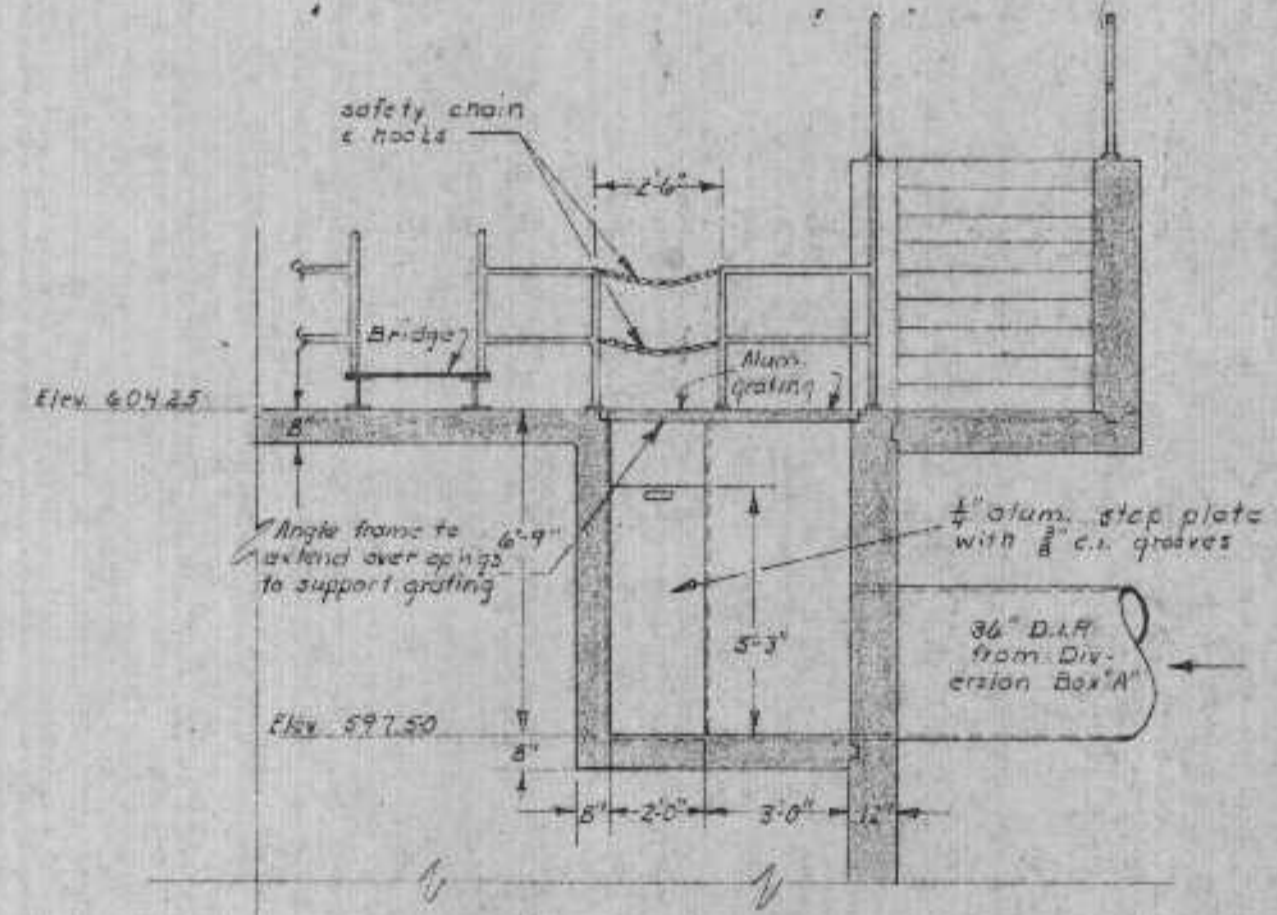
SECTION E-E  
Scale: 1/4" = 1'-0"



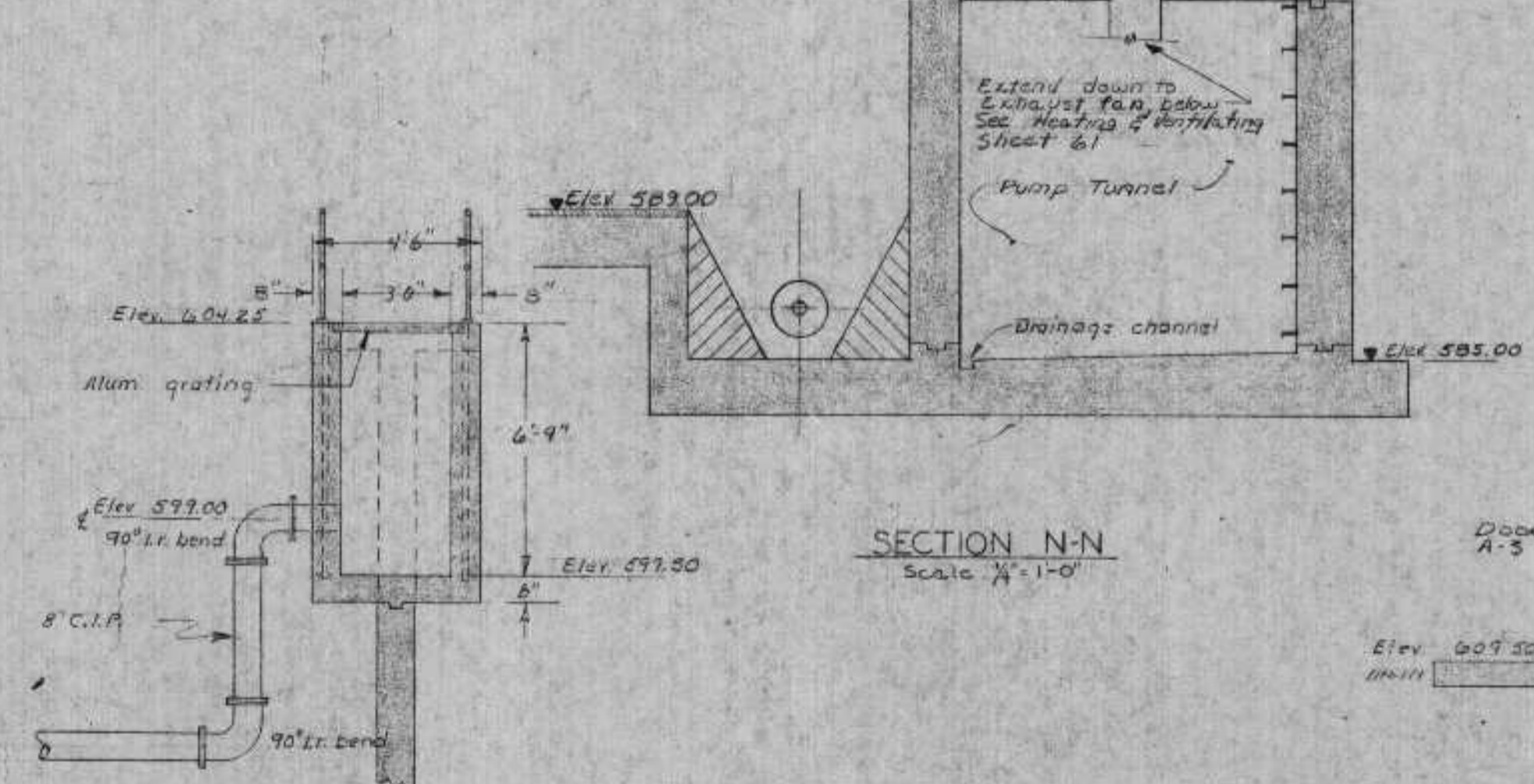
RECESSED GRAB BARS  
Scale: 1/4" = 1'-0"



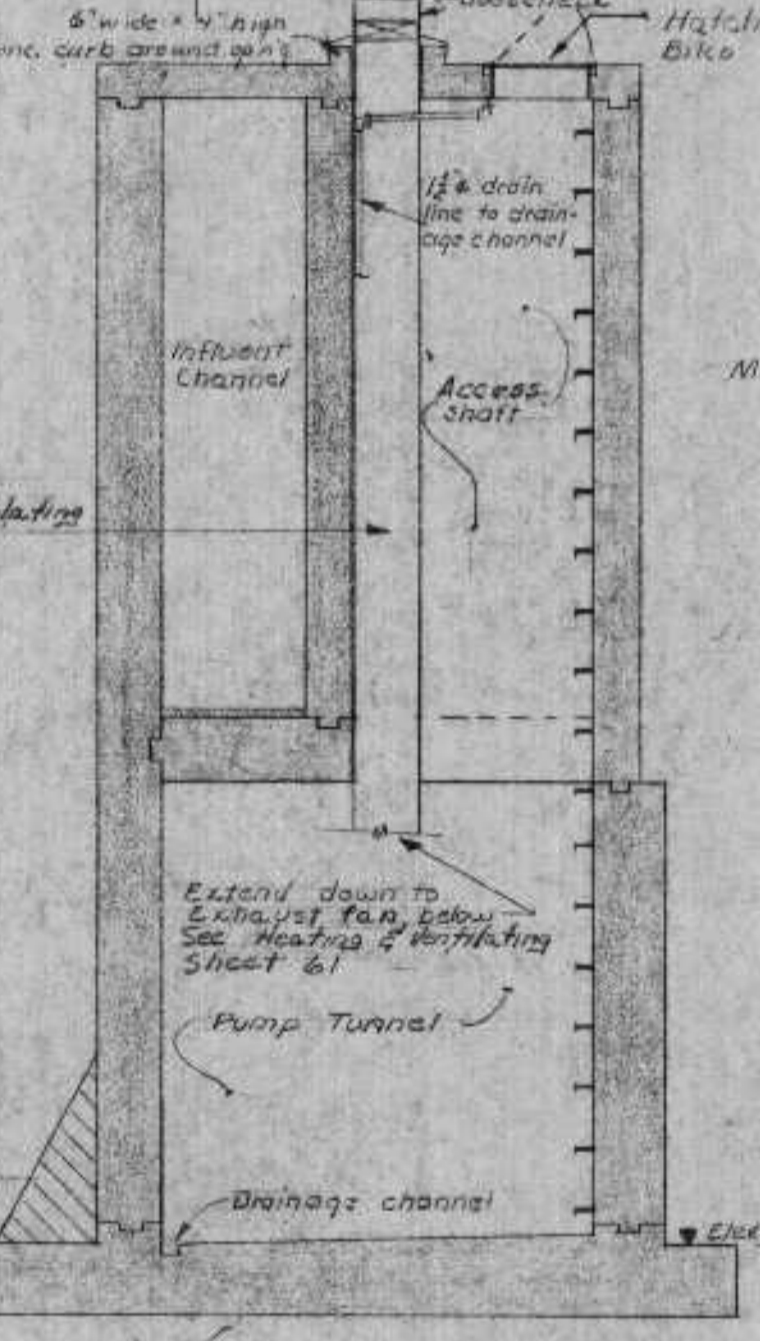
RETENTION TANK N.W. CORN. DETAILS  
Scale: 1/4" = 1'-0"



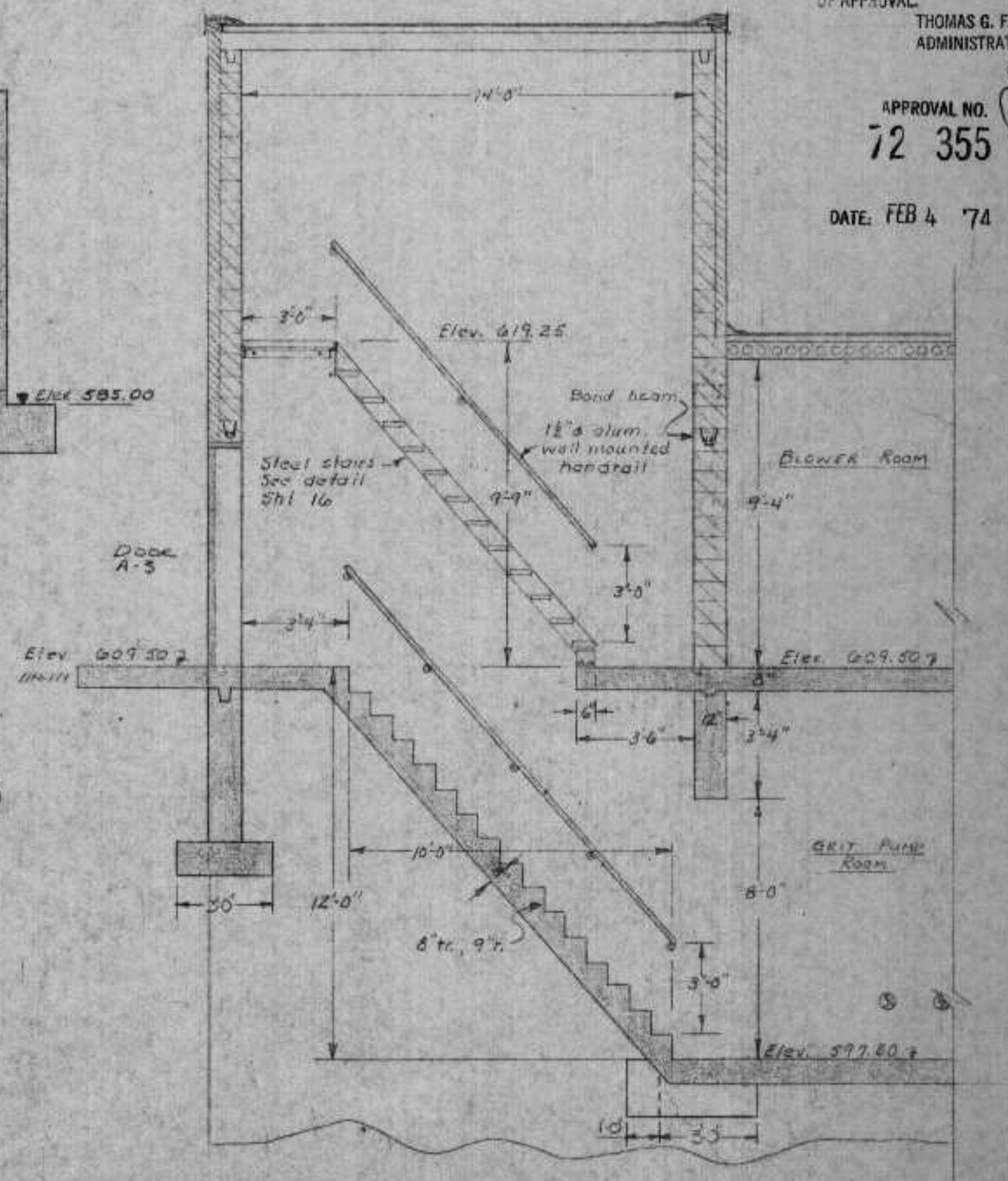
SECTION L-L  
Scale: 1/4" = 1'-0"



SECTION M-M  
Scale: 1/4" = 1'-0"



SECTION N-N  
Scale: 1/4" = 1'-0"

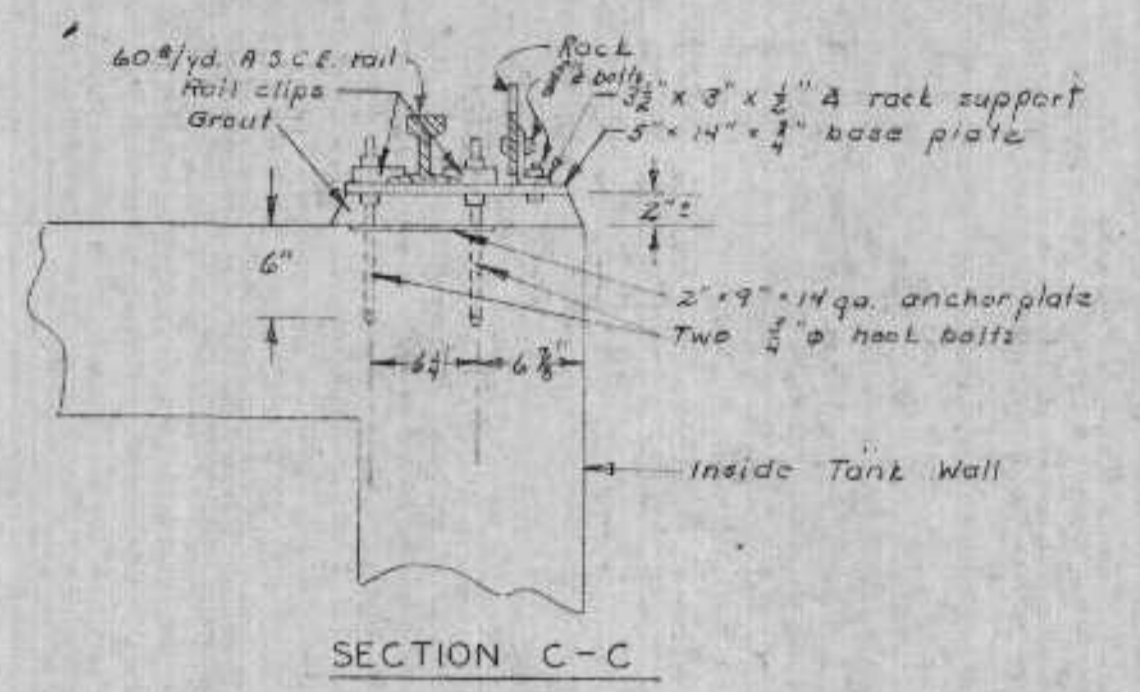
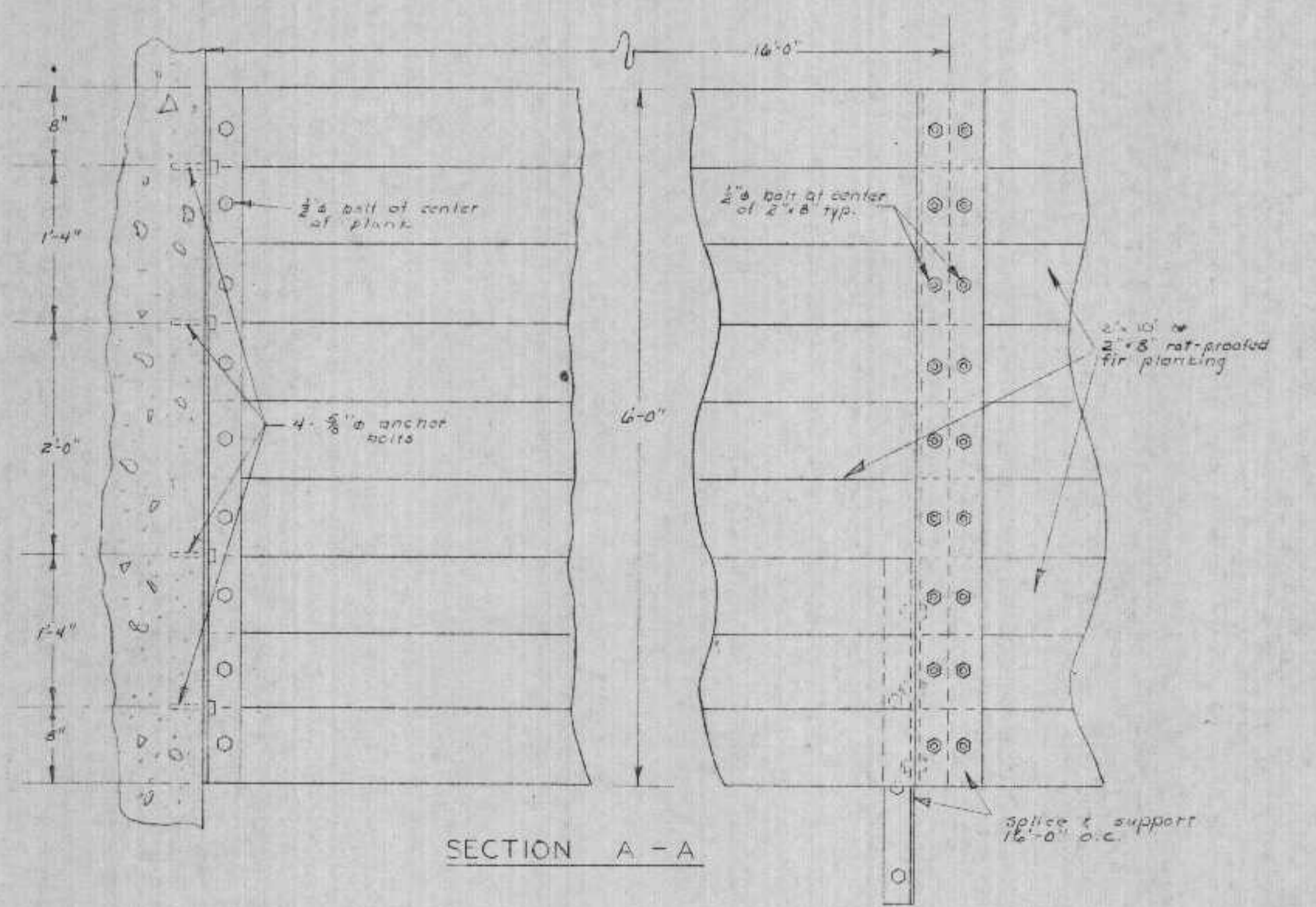
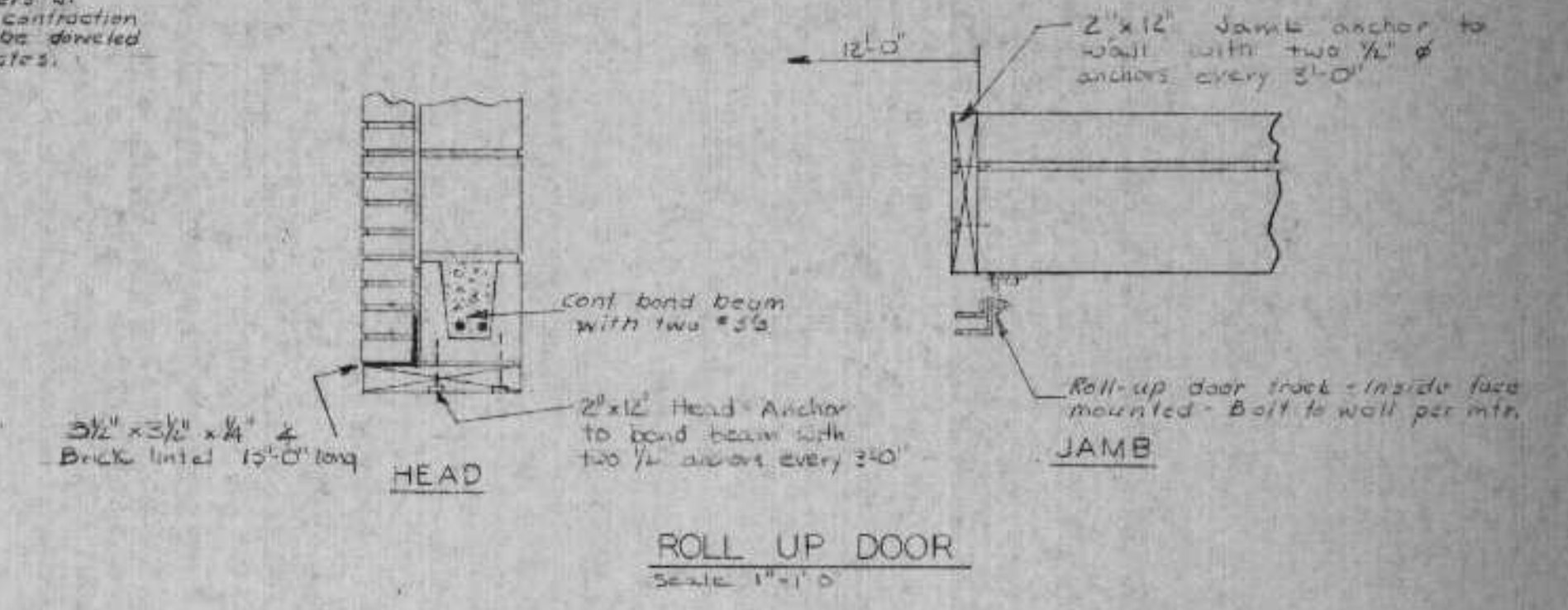
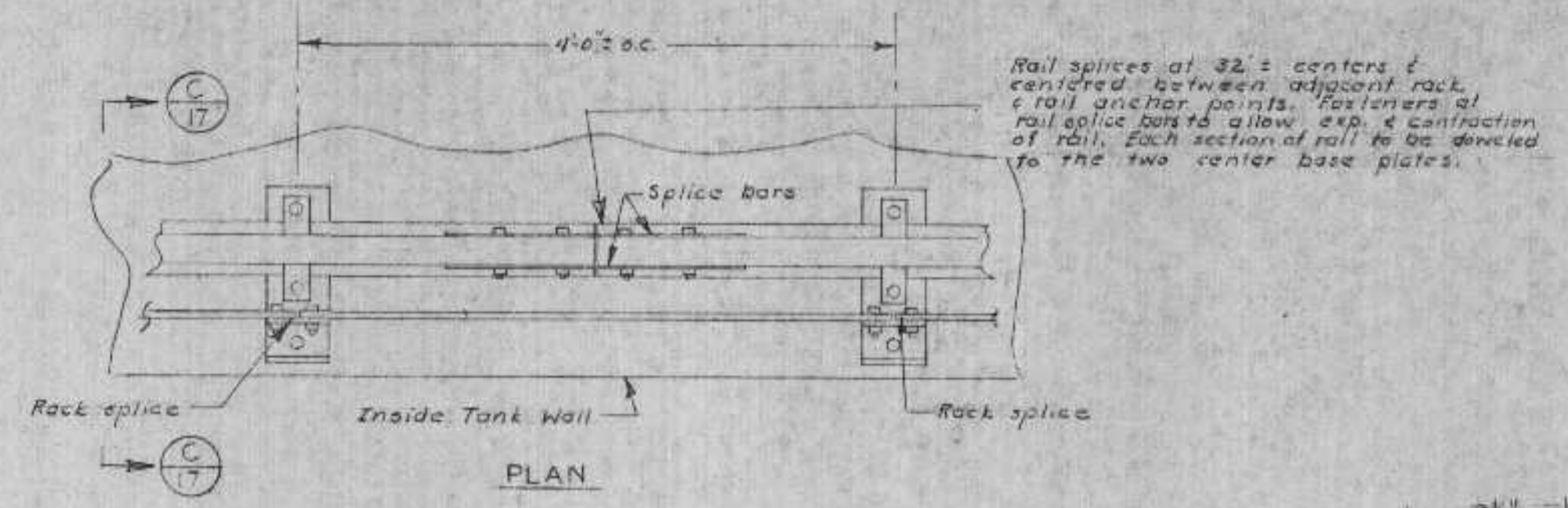
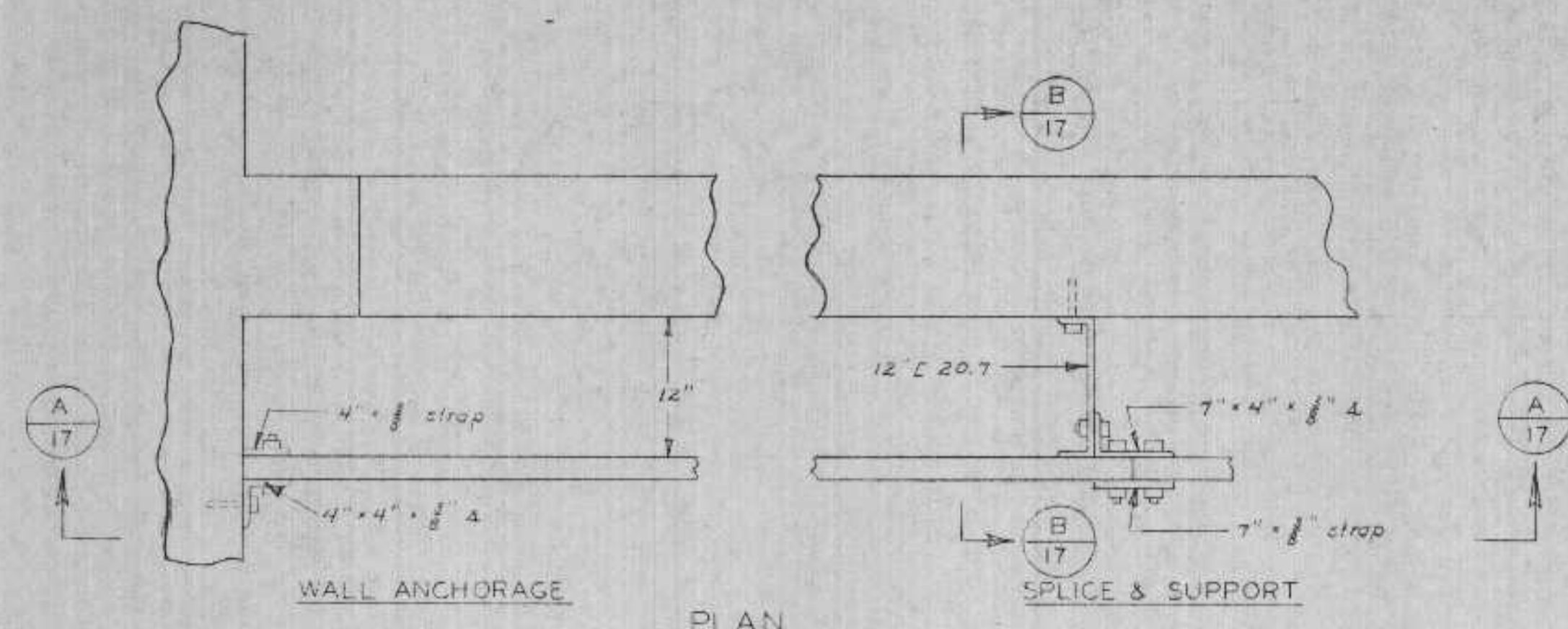


SECTION K-K  
Scale: 1/4" = 1'-0"

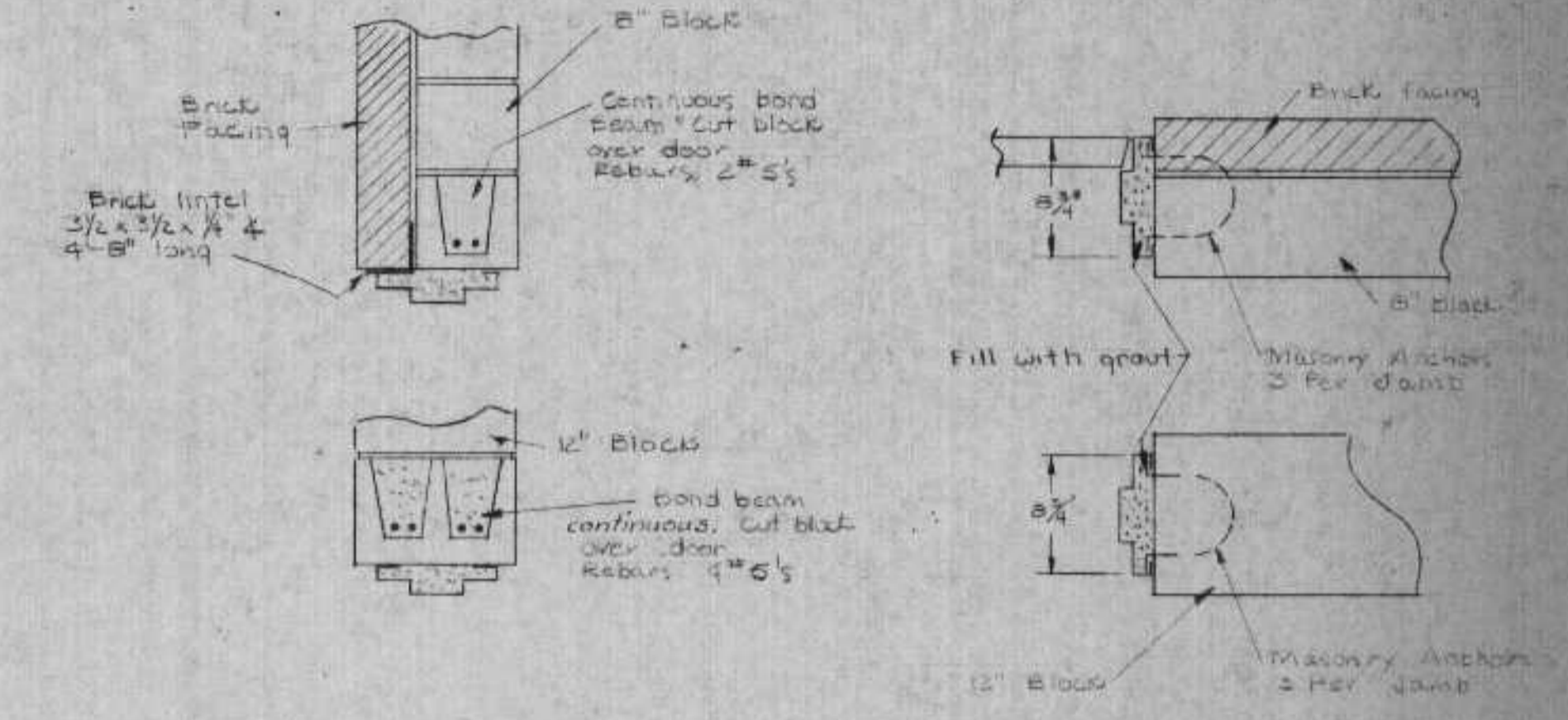
REVIEWED AND APPROVED BY THE  
DIV. OF ENVIRONMENTAL PROTECTION,  
DEPT. NATURAL RESOURCES,  
IN ACCORDANCE WITH SEC. 144.04,  
WIS. STATS. SUBJECT TO THE LETTER  
OF APPROVAL.  
THOMAS G. FRANGOS  
ADMINISTRATOR

APPROVAL NO.  
**72 355**

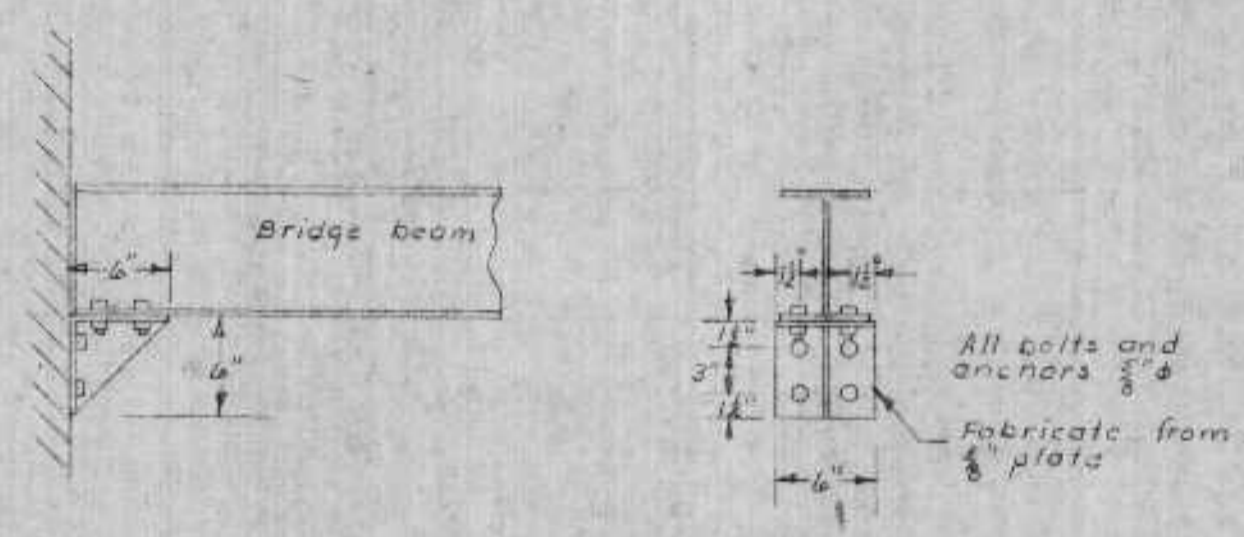
DATE: FEB 4 74



**RACK & RAIL ANCHORAGE DETAILS**  
 Scale: 1"=1'-0"

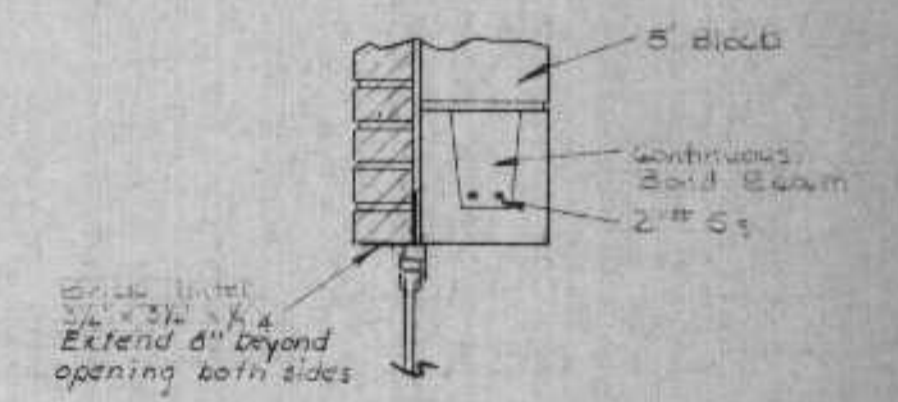


**DOOR FRAME DETAILS**  
 Scale: 1"=1'-0"

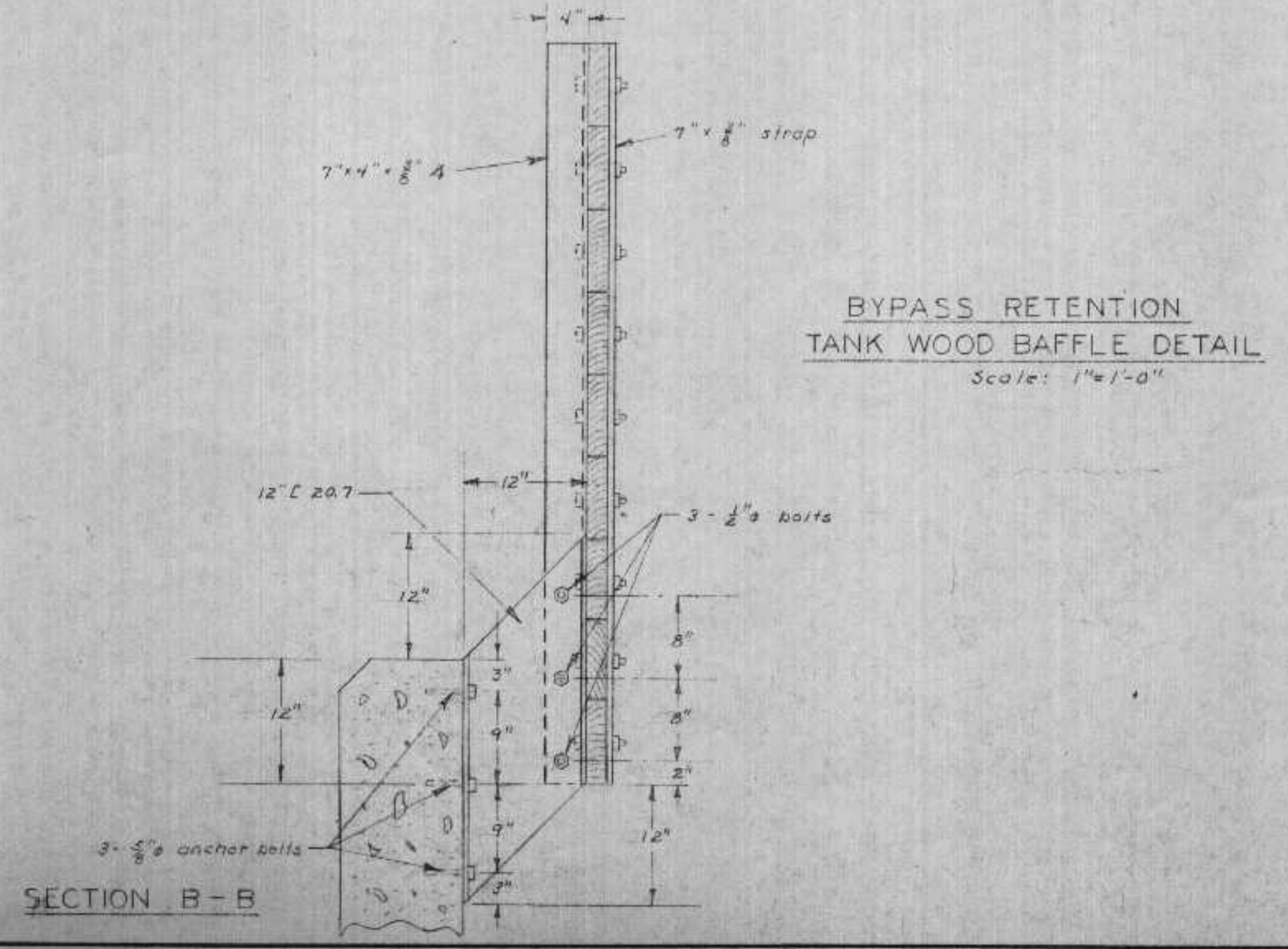


**GRIT CHAMBER BRIDGE BRACKETS**  
 4 REQ'D  
 Scale: 1"=1'-0"

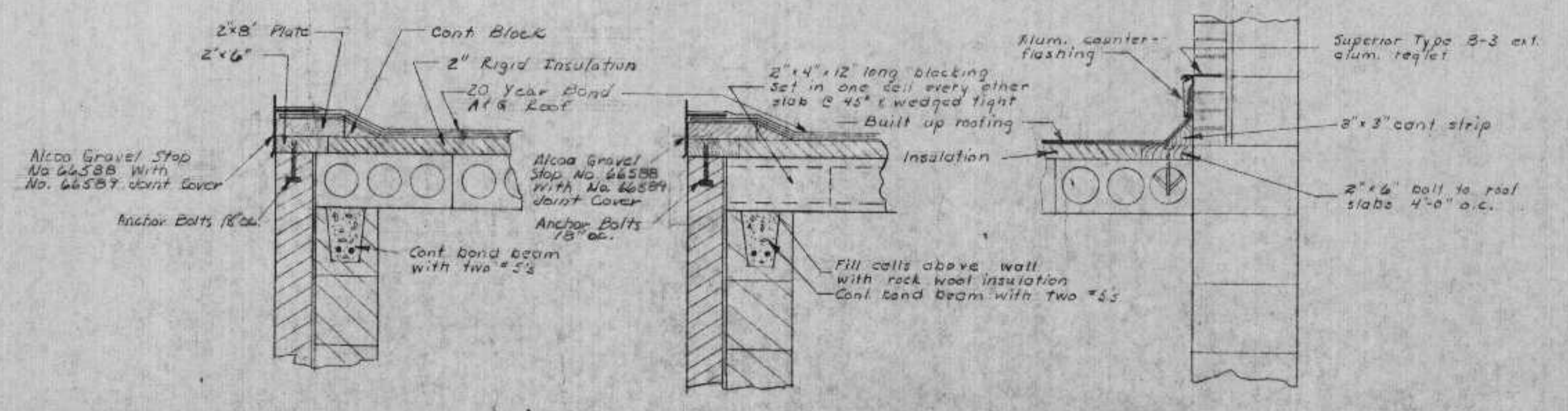
REVIEWED AND APPROVED BY THE  
 DIV. OF ENVIRONMENTAL PROTECTION,  
 DEPT. NATURAL RESOURCES,  
 IN ACCORDANCE WITH SEC. 144.04,  
 WIS. STATS., SUBJECT TO THE CON-  
 DITIONS SET FORTH IN THE LETTER  
 OF APPROVAL.  
 THOMAS G. FRANGOS  
 ADMINISTRATOR  
 APPROVAL NO. 72 355  
 DATE: FEB 4 '74



**WINDOW DETAILS**  
 Scale: 1"=1'-0"

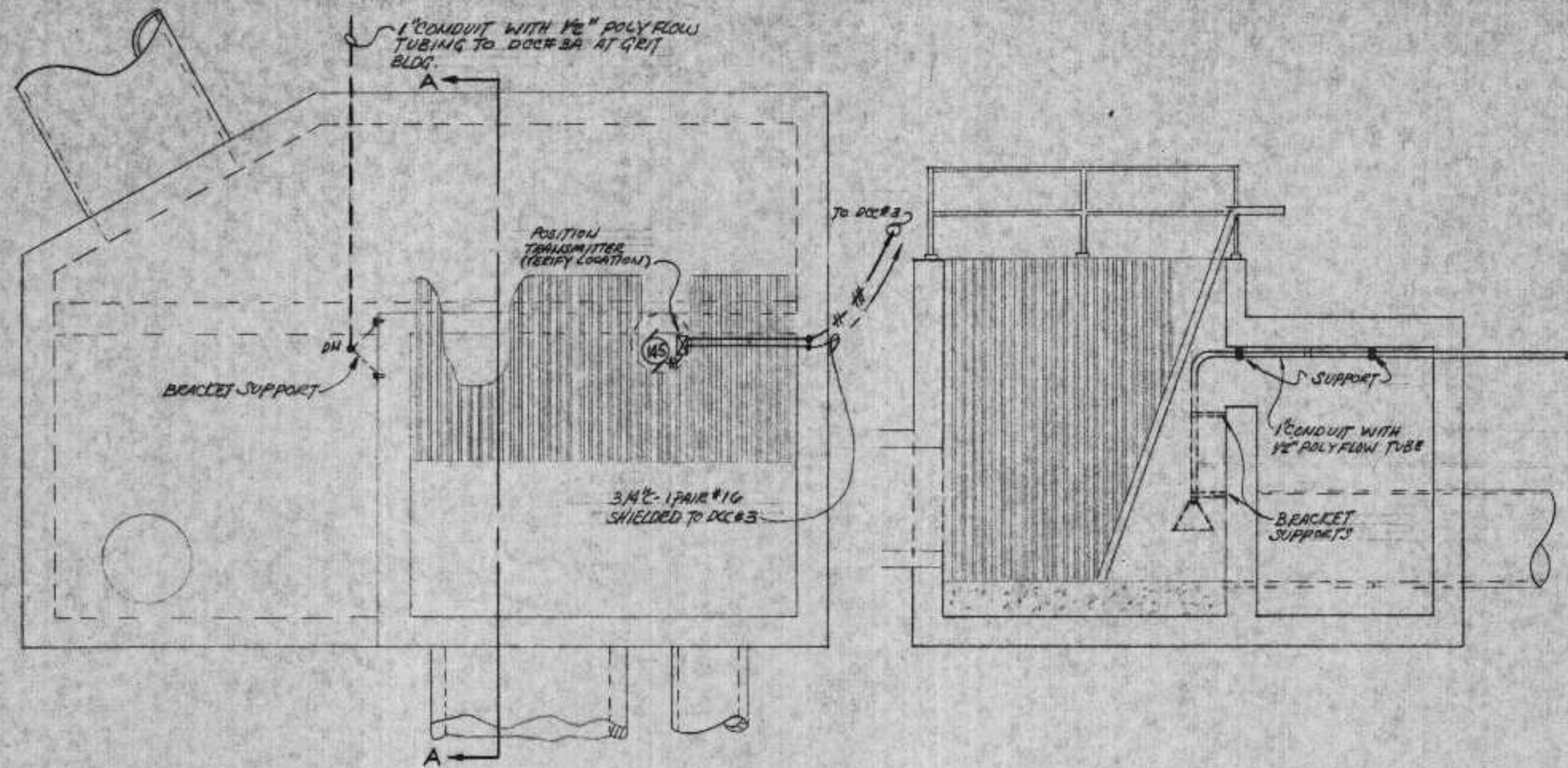


**BYPASS RETENTION TANK WOOD BAFFLE DETAIL**  
 Scale: 1"=1'-0"



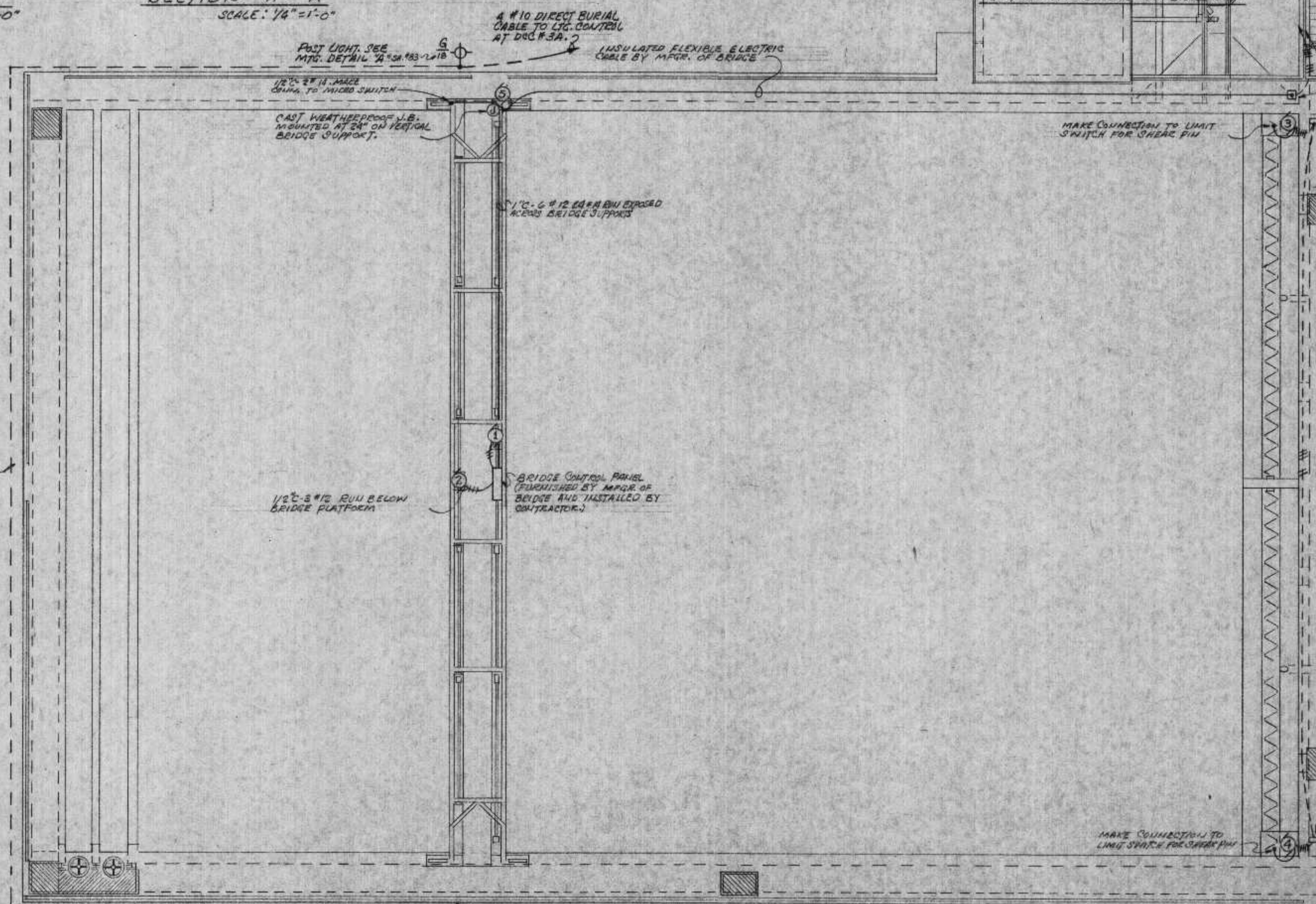
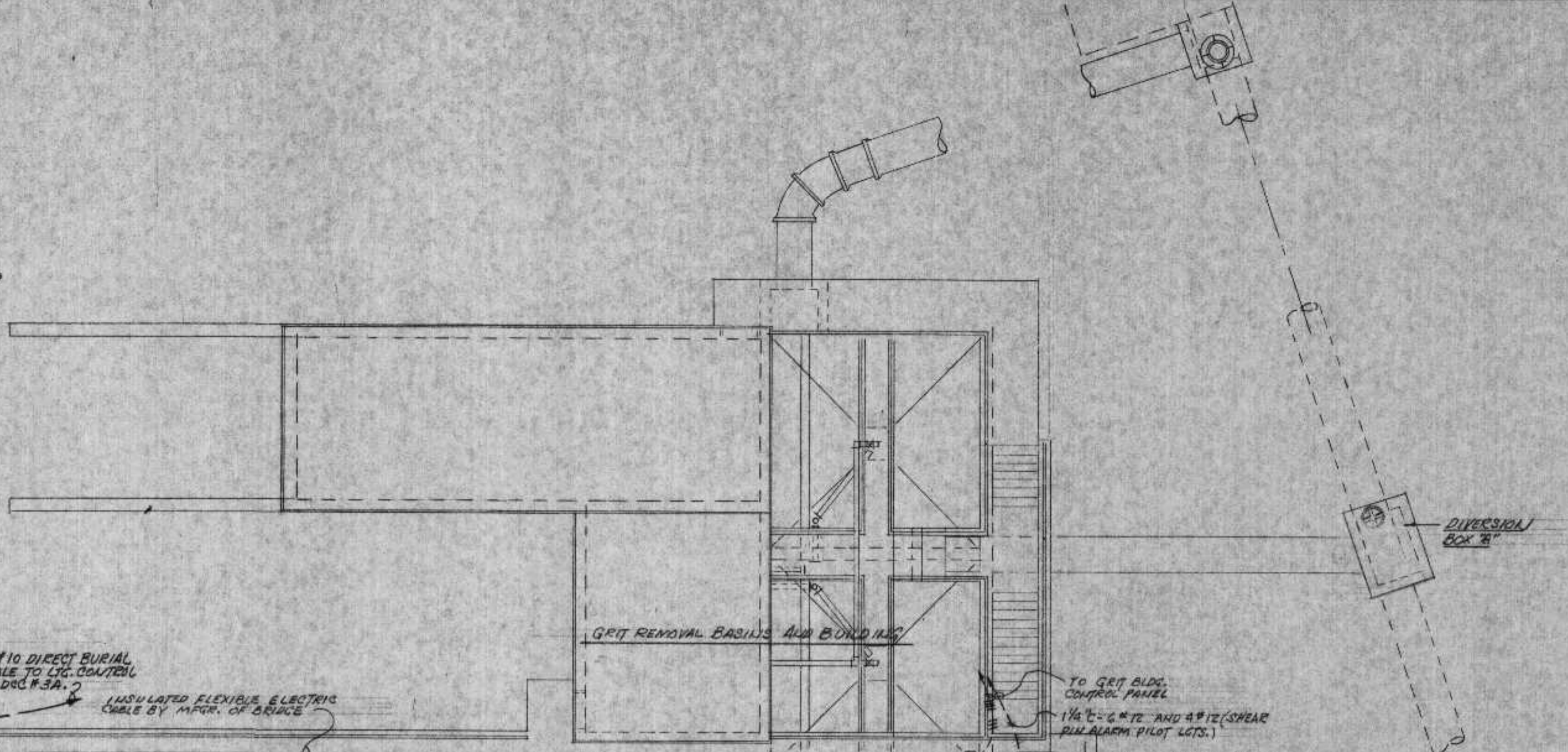
**GRIT BUILDING ROOF & FASCIA DETAILS**  
 Scale: 1"=1'-0"

DNR JAN 3 1974

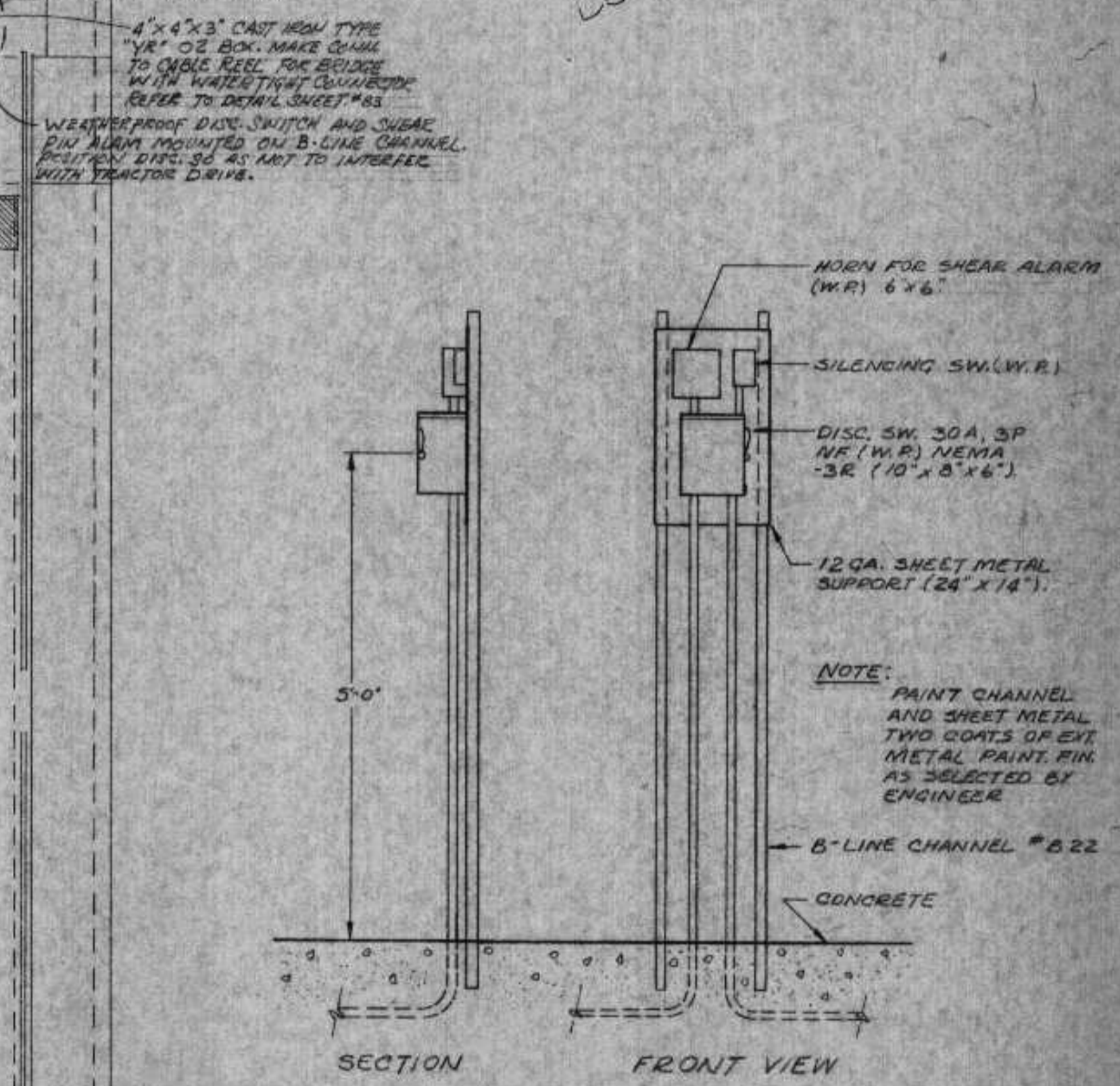


OVERFLOW BYPASS STRUCTURE PLAN  
SCALE: 1/4" = 1'-0"

SECTION A - A  
SCALE: 1/4" = 1'-0"



BYPASS RETENTION TANK  
SCALE: 1/8" = 1'-0"

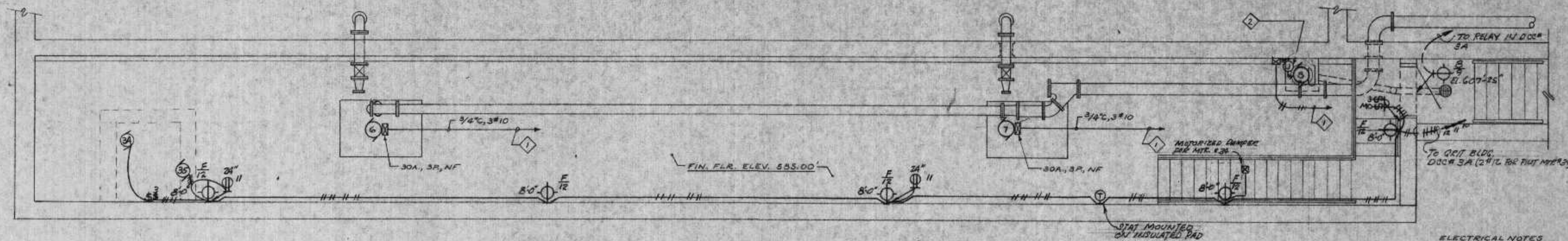


MOUNTING DETAIL OF DISCONNECT SWITCH AND ALARM  
SCALE: 3/4" = 1'-0"

REVIEWED AND APPROVED BY THE  
DIV. OF ENVIRONMENTAL PROTECTION,  
DEPT. NATURAL RESOURCES,  
IN ACCORDANCE WITH SEC. 144.04,  
MUS. STAT., SUBJECT TO THE CON-  
DITIONS SET FORTH IN THE LETTER  
OF APPROVAL.  
THOMAS G. FRANGOS  
ADMINISTRATOR

APPROVAL NO.  
72 355  
DATE FEB 4 '74 DNR JAN 3 1974

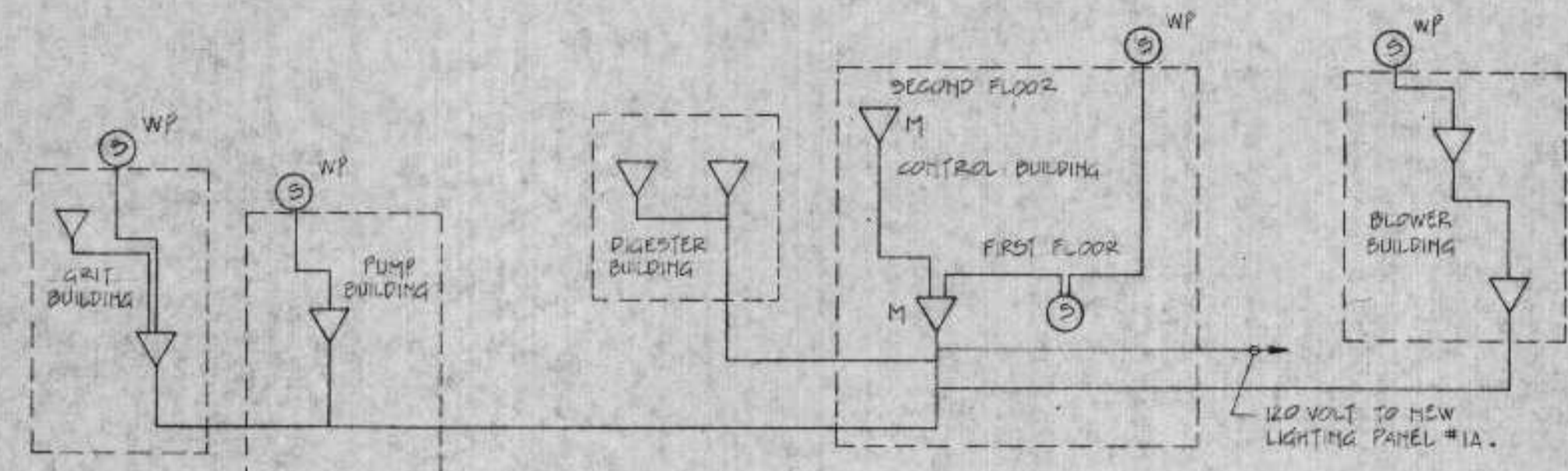




**RETENTION TANK PUMP TUNNEL PLAN**

SCALE: 1/4" = 1'-0"

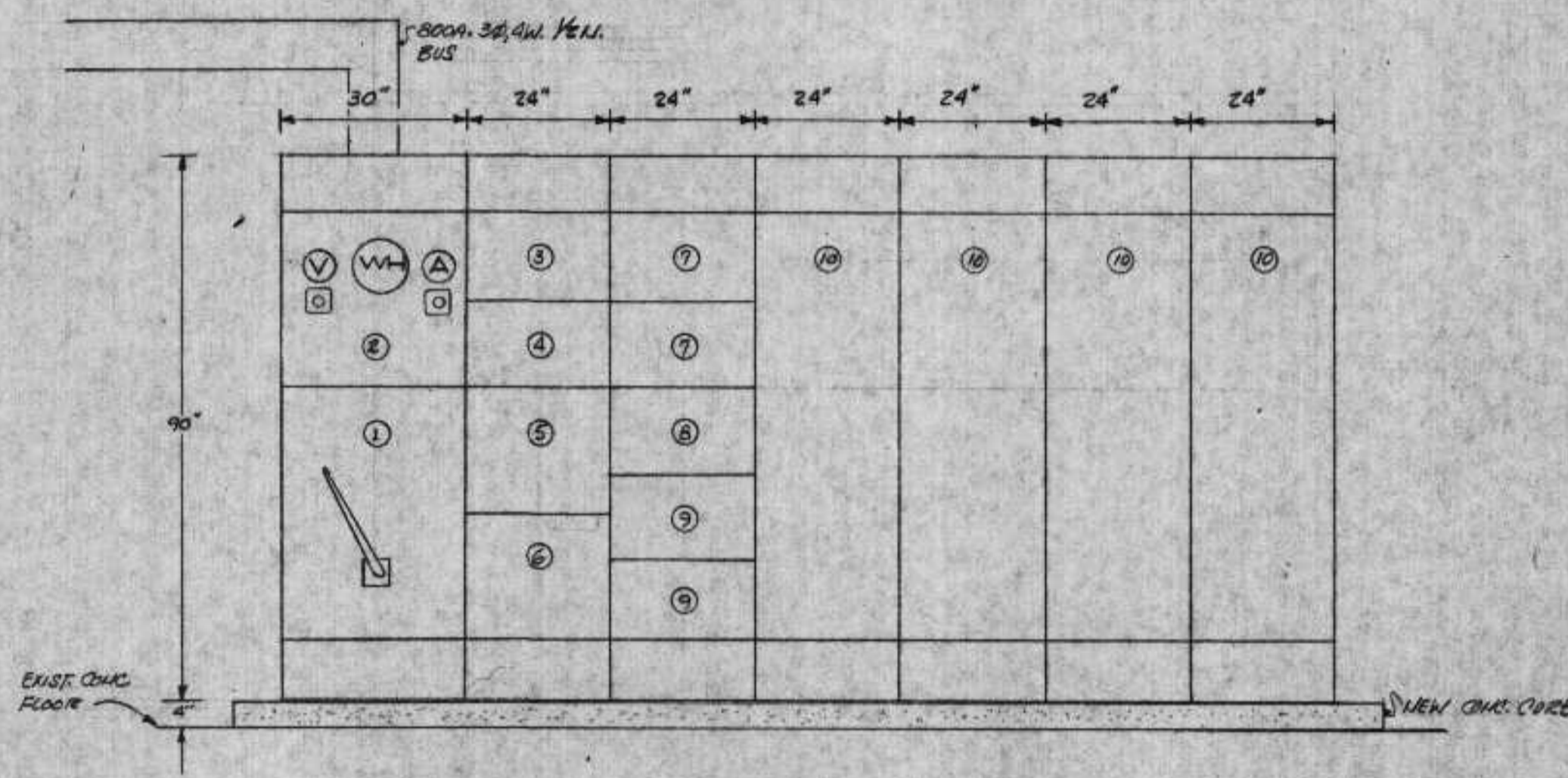
- ELECTRICAL NOTES**
- 1 TO GRIT BLDG. DATE CONTROL CENTER. SEE ELECT. PLAN OF GRIT BLDG.
  - 2 LOC. 1" BOX ON WALL 15" ABOVE FIN. FLR., CONNECT TO SUMP PUMP FLOAT SW. WITH 1/2" C, 3/12 CABLE WITH COMPRESSION FITTINGS.



**INTERCOM SYSTEM RISER DIAGRAM**

NO SCALE

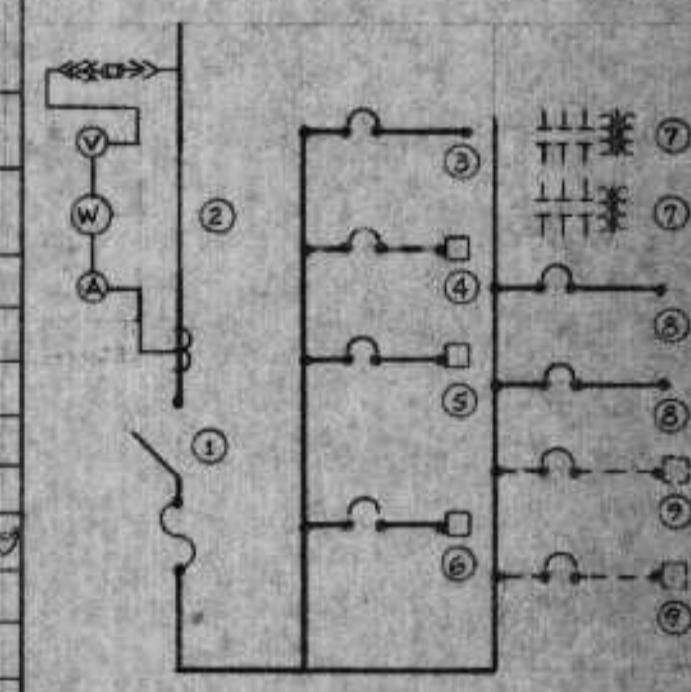
NOTE: PROVIDE CABLE AS RECOMMENDED BY MANUFACTURER. CONDUIT SIZES SHOWN ON FLOOR PLANS.



**DISTRIBUTION CONTROL CENTER #1A - MAIN CONTROL BUILDING**

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

DISTRIBUTION CONTROL CENTER # 1A	
DEVICE OR SECTION NO.	LOAD DESCRIPTION
1	300A 3P 3F (600A) BOLTED PRESS. SW. W/GR. FAULT PROTECTION
2	METERING SECTION - VOLT, WATT HOUR AND AMMETER
3	225A 3P C.B. FOR DDC # 1 & 2 AND DDC # 10
4	SPACE
5	COMB. STARTER AND 100A 3P CB. FOR MTR. # 37
6	COMB. STARTER AND 100A 3P CB. FOR MTR. # 38
7	30A 3P CONTACTOR FOR EVAPORATOR HEATER (W/ALARM/INTC)
8	2-25A 3P C.B. FOR EVAPORATOR HEATER (W/ALARM/INTC)
9	SPACE
10	SECTION FOR SUPERVISORY CONTROLS, RELAY FOR EXTERNC LIGHTS, MTR. SW. AND PLOT FOR PRESS. AND METERS. REFER TO SPECIFICATIONS.



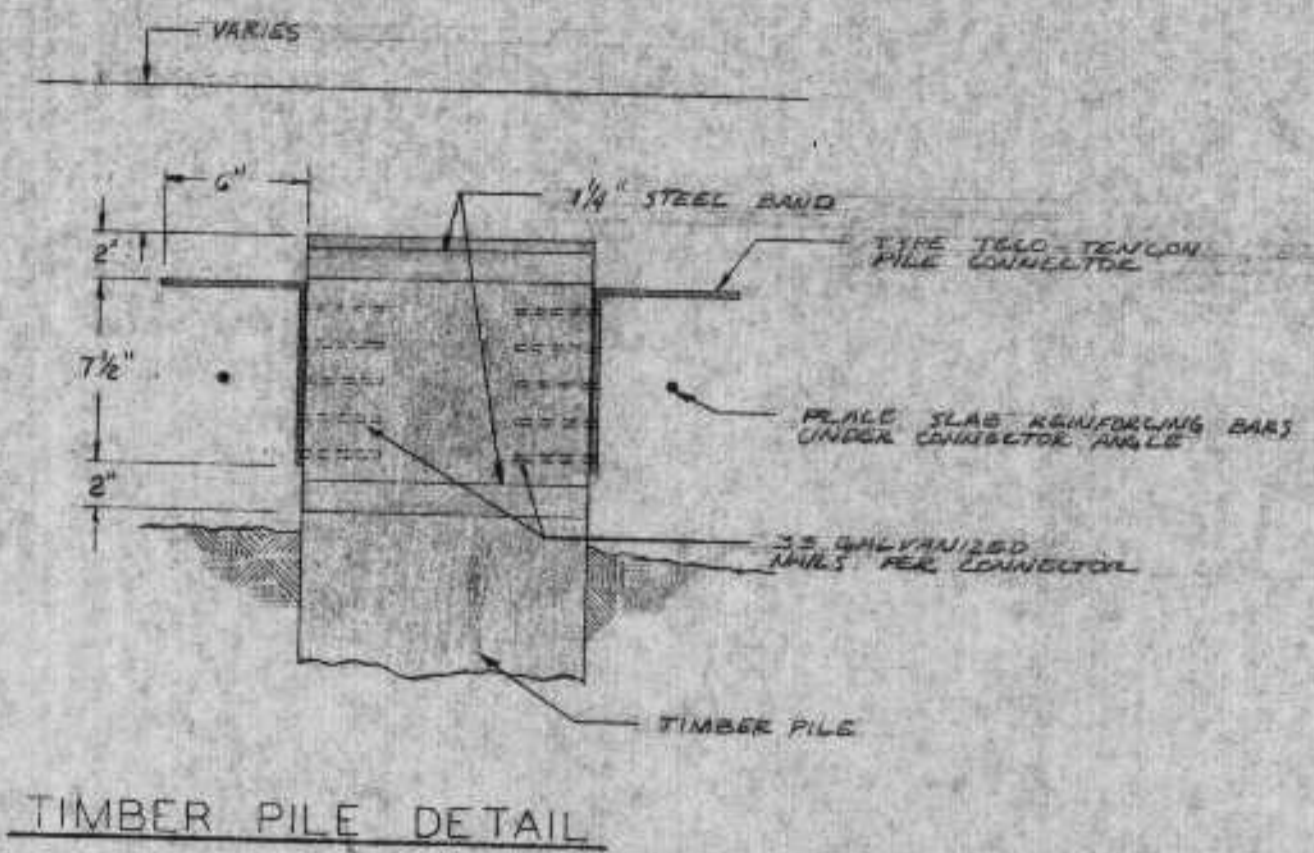
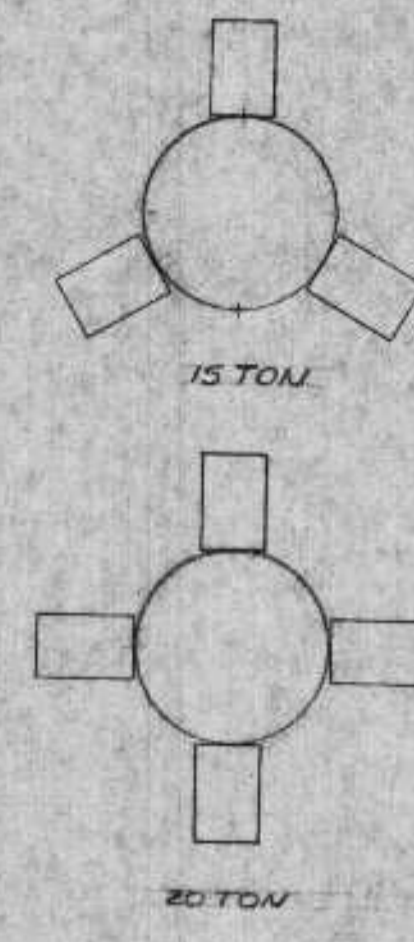
**ONE LINE DIAGRAM**

NOT TO SCALE

REVIEWED AND APPROVED BY THE  
 DIV. OF ENVIRONMENTAL PROTECTION  
 DEPT. NATURAL RESOURCES  
 IN ACCORDANCE WITH SEC. 141.01,  
 WIS. STAT., SUBJECT TO THE LETTER  
 CONDITIONS SET FORTH IN THE LETTER  
 OF APPROVAL  
 THOMAS G. FRANGOS  
 ADMINISTRATOR

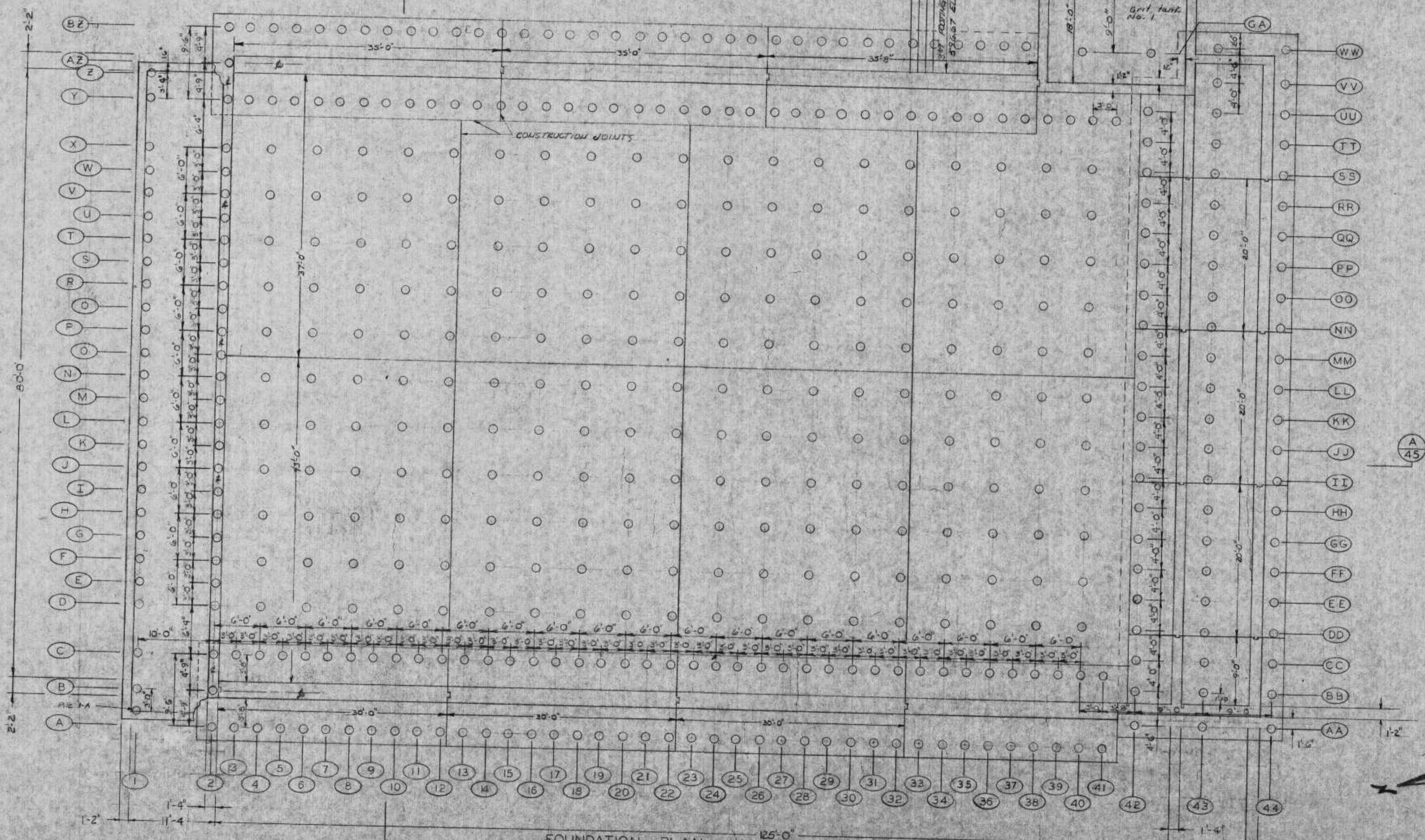
APPROVAL NO.  
**72 355**  
 DATE: FEB 4 '74

DNR JAN 3 1974



RETENTION TANK PILE					
PILE NO.	DESIGN LOAD	U OR B	CUTOFF LEV.	TIP ELEV.	NO. PILE
2A THRU 41A	20T	U	587.83	558.0	40
1A THRU 1Z	20T	U	596.17	558.0	26
2B	20T	U	587.83	558.0	1
2C THRU 41C	20T	U	587.83	558.0	40
2D THRU 2X	20T	U	588.5	558.0	21
2Y THRU 41Y	20T	U	587.83	558.0	40
2AZ	20T	U	587.83	558.0	1
2BZ THRU 37BZ	20T	U	587.83	558.0	37
4D THRU 40D	15T	U	588.50	565.0	19
4F THRU 40F	15T	U	558.5	565.0	19
4H THRU 40H	15T	U	558.5	565.0	19
4J THRU 40J	15T	U	558.5	565.0	19
4L THRU 40L	15T	U	558.5	565.0	19
4N THRU 40N	15T	U	558.5	565.0	19
4P THRU 40P	15T	U	558.5	565.0	19
4R THRU 40R	15T	U	558.5	565.0	19
4T THRU 40T	15T	U	558.5	565.0	19
4V THRU 40V	15T	U	558.5	565.0	19
4X THRU 40X	15T	U	588.5	565.0	19
42AA THRU 42UU	20T	U	584.5	558.0	21
43AA THRU 43WW	20T	U	584.5	558.0	23
44AA THRU 44WW	20T	U	584.5	558.0	23
45GA THRU 45GD	15T	U	586.0	565.0	4
46GA THRU 46GD	15T	U	586.0	565.0	4

U-UPLIFT  
B-BEARING



FOUNDATION PLAN  
SCALE 1/8" = 1'-0"

REVIEWED AND APPROVED BY THE  
OFFICE OF ENVIRONMENTAL PROTECTION  
NATURAL RESOURCES  
IN ACCORDANCE WITH SEC. 144.01,  
WIS. STATS., SUBJECT TO THE CON-  
DITIONS SET FORTH IN THE LETTER  
OF APPROVAL.

THOMAS G. FRANGOS  
ADMINISTRATOR

APPROVAL NO.  
**72 355**

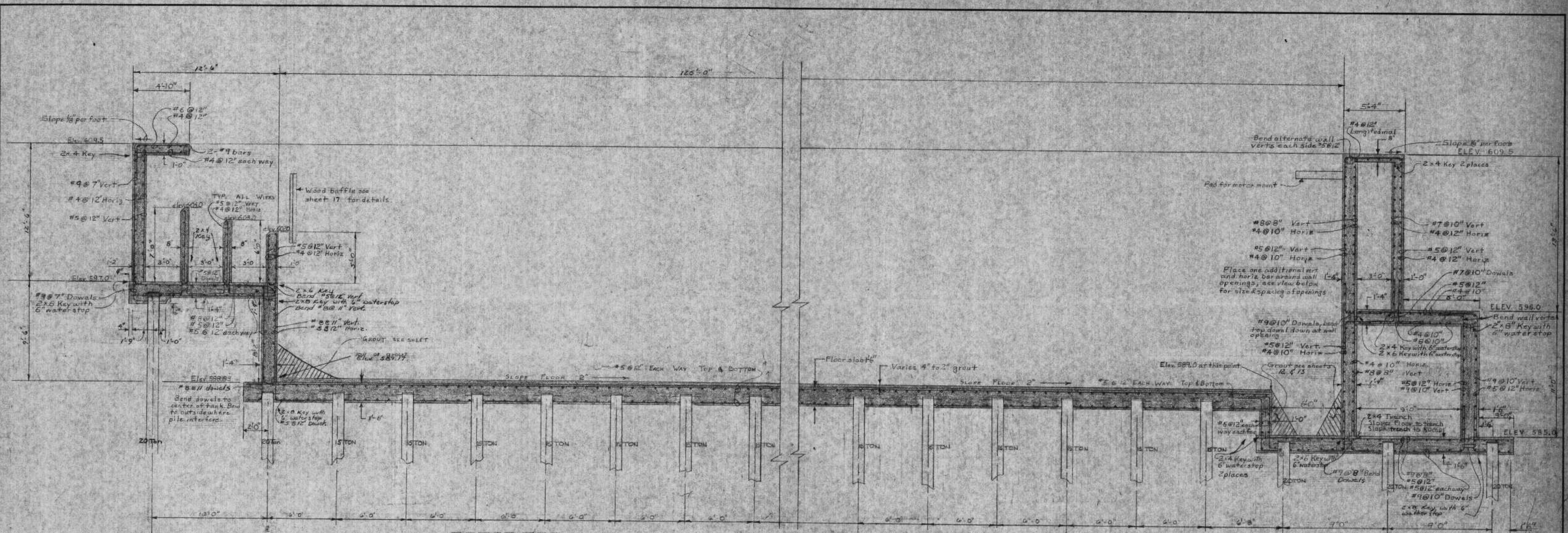
DATE: FEB 4 '74

For detail Plan View of  
Retention Tanks see sheet  
No. 70

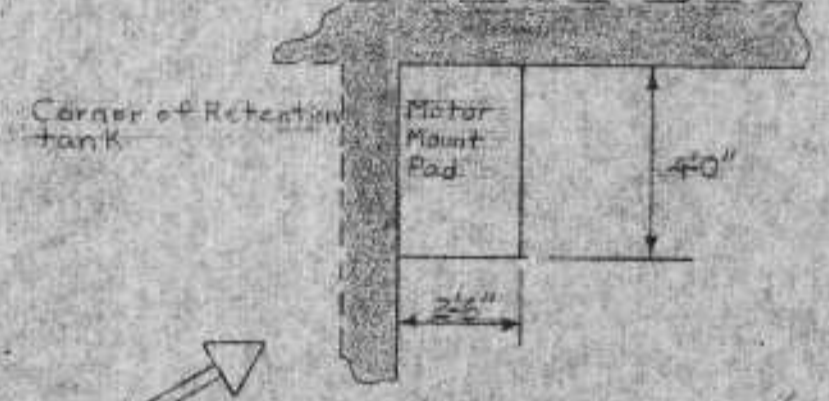


SURVEY DRAWN DESIGN APPROVED	REVISIONS	<b>BONESTROO, ROSENE, ANDERLIK &amp; ASSOC., INC.</b> ST. PAUL, MINNESOTA	<b>SUPERIOR, WISCONSIN</b> DATE: FEBRUARY 2, 1974 COMM. 6888 A	RETENTION TANK FOUNDATION	44 84
---------------------------------------	-----------	--	---	------------------------------	----------

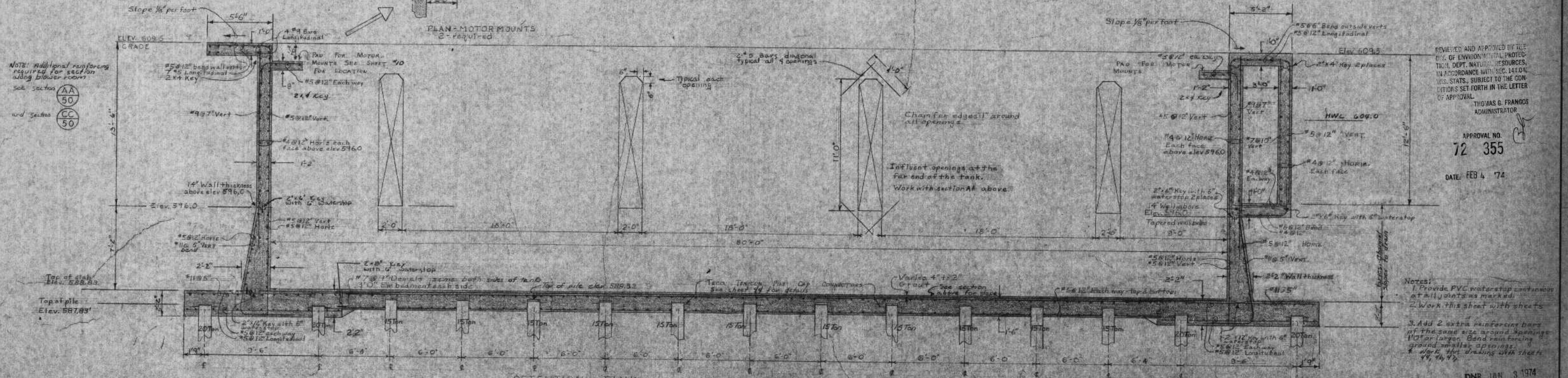




RETENTION TANK  
SECTION AA SCALE: 1/4" = 1'-0"



PLAN - MOTOR MOUNTS  
2'-6" x 4'-0"



RETENTION TANK  
SECTION BB SCALE: 1/4" = 1'-0"

SOUTHEAST CORNER

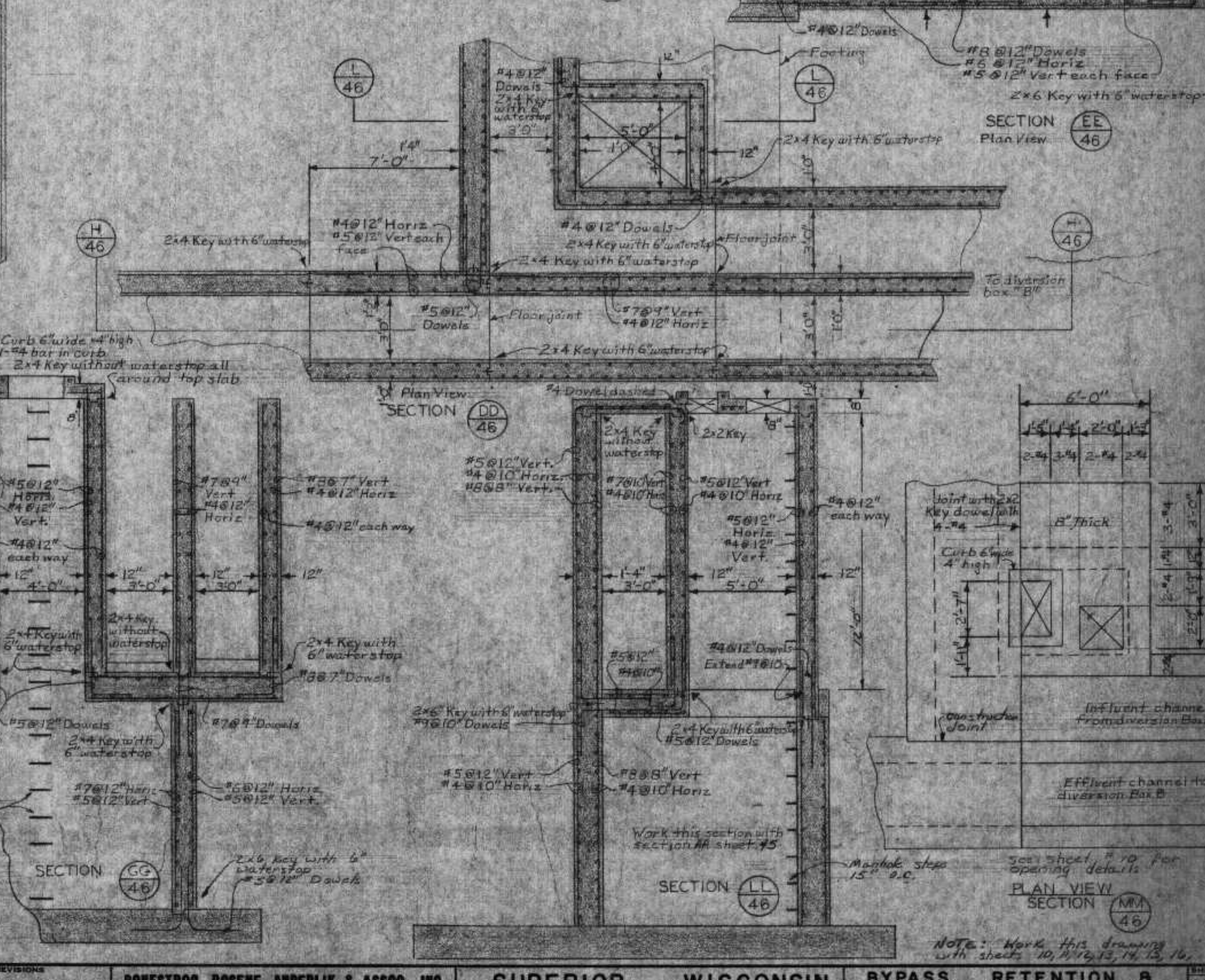
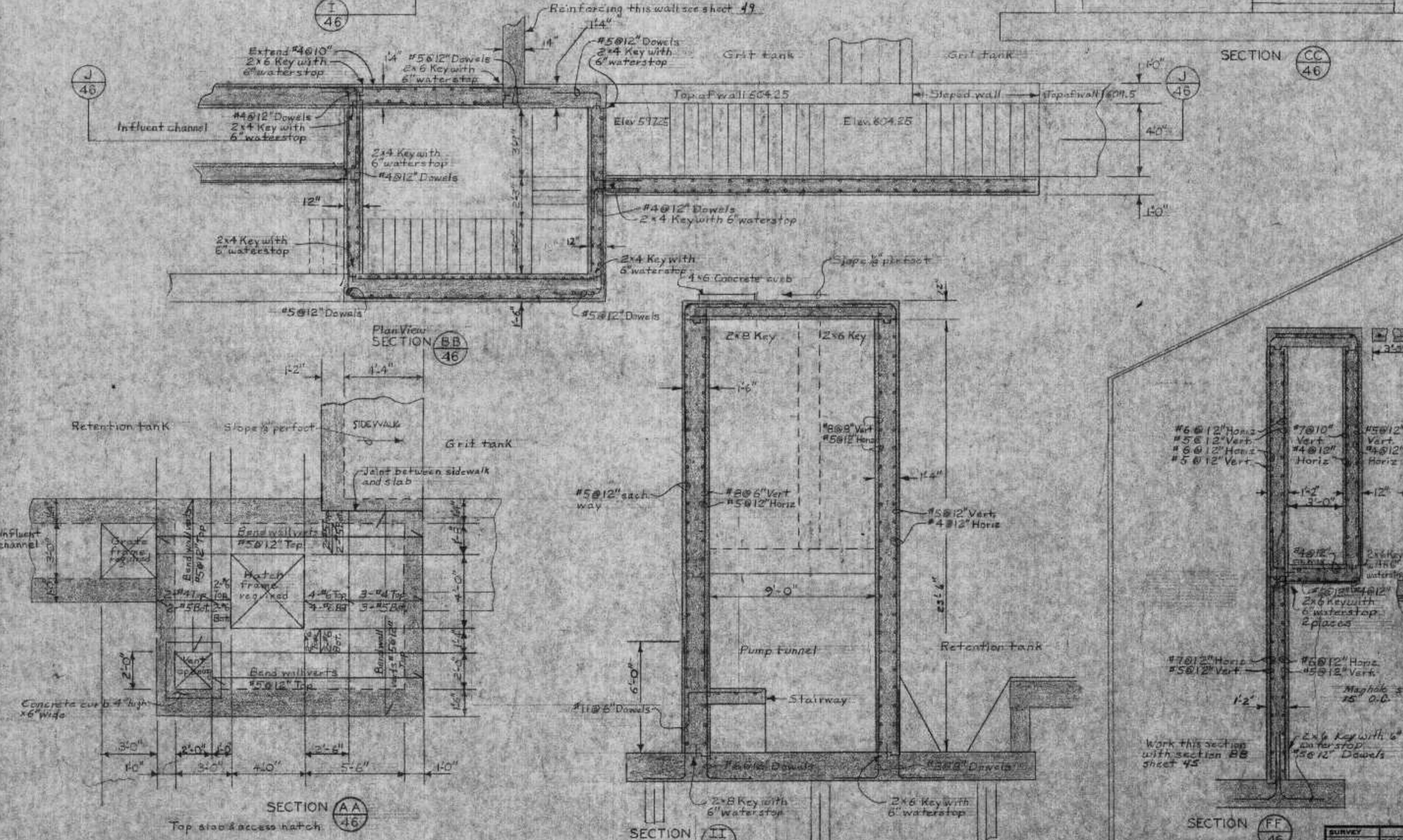
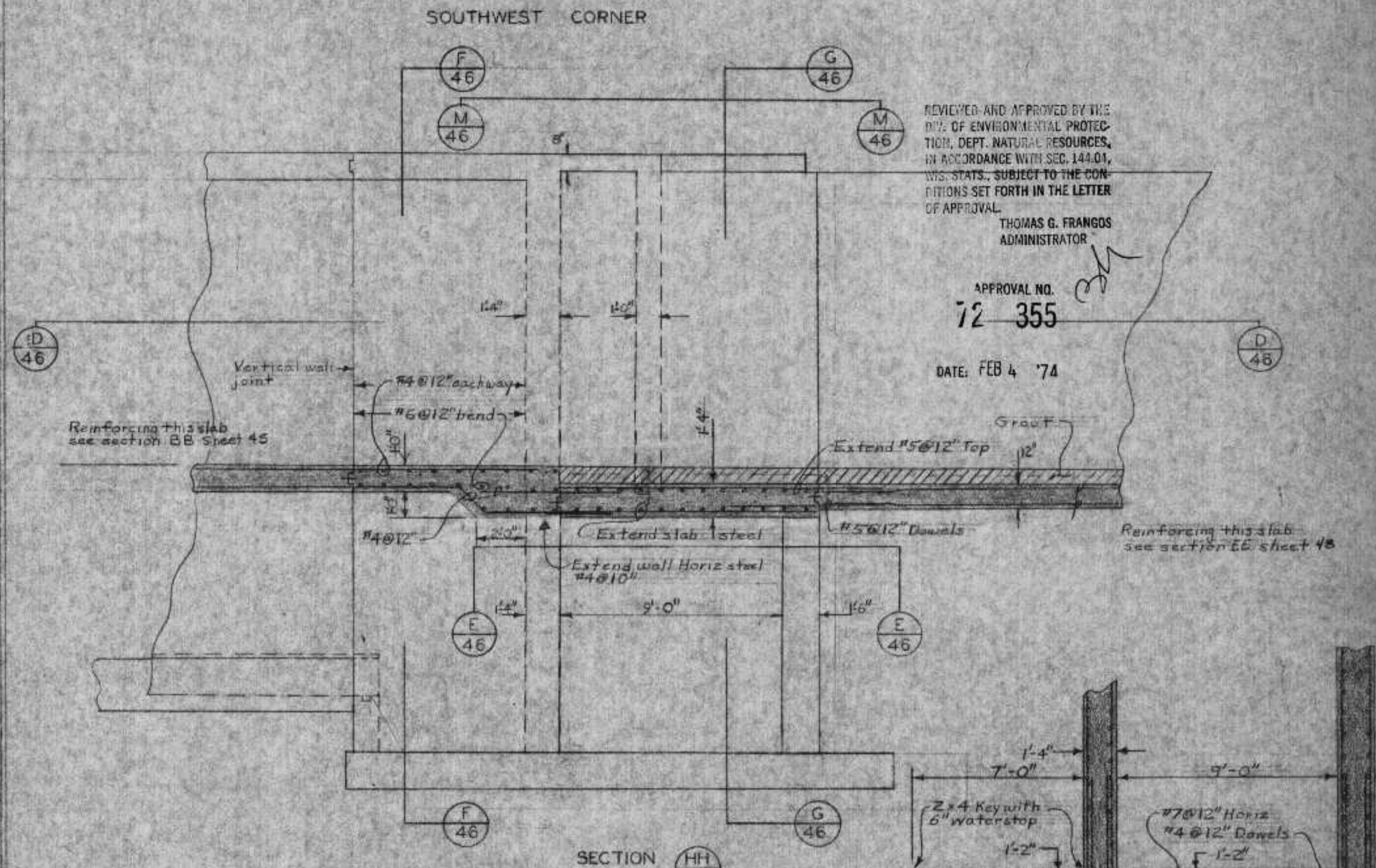
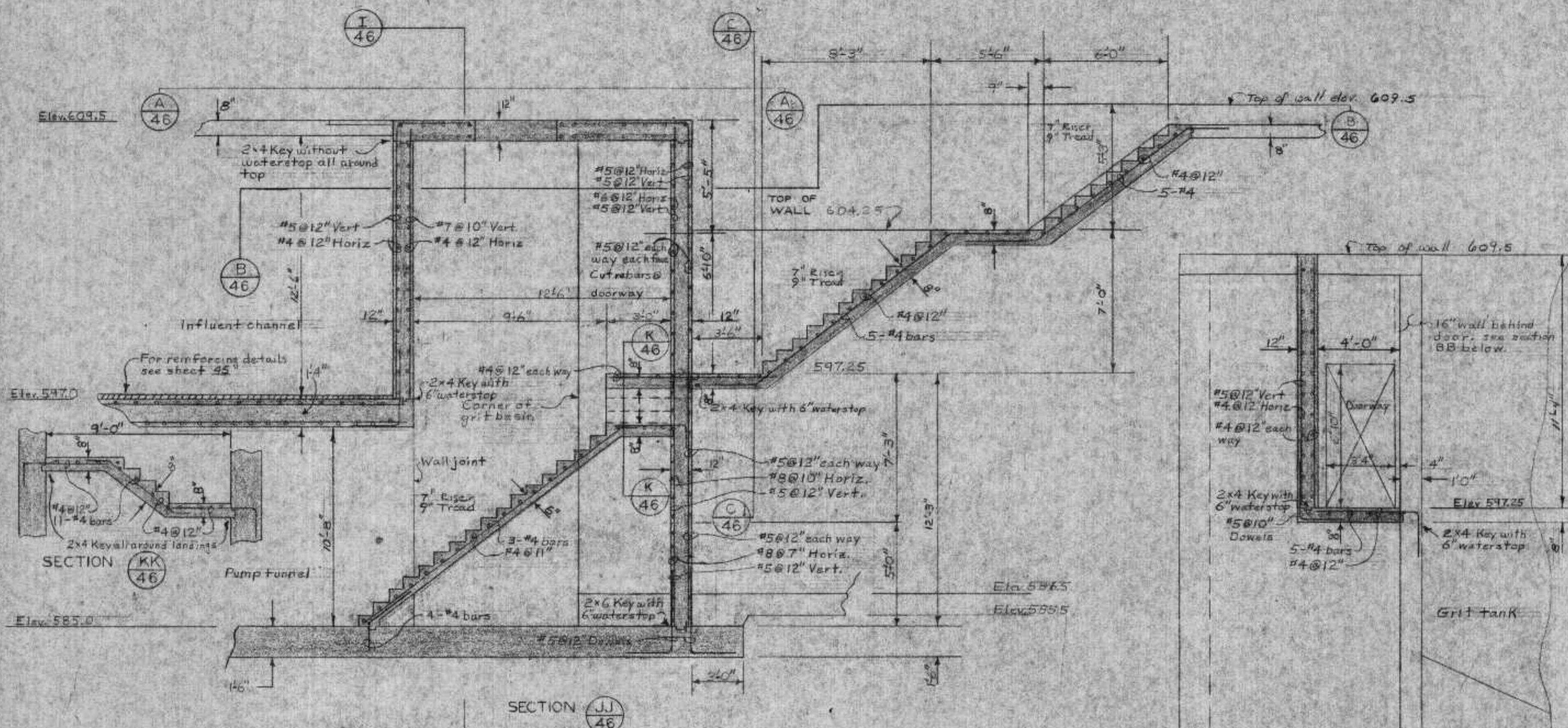
SOUTHWEST CORNER

REVIEWED AND APPROVED BY THE  
DIR. OF ENVIRONMENTAL PROTECTION,  
DEPT. NATURAL RESOURCES,  
IN ACCORDANCE WITH SEC. 144.01,  
WIS. STAT., SUBJECT TO THE CON-  
DITIONS SET FORTH IN THE LETTER  
OF APPROVAL.

APPROVAL NO.  
**72 355**

DATE: FEB 4 '74

THOMAS G. FRANGOS  
ADMINISTRATOR



REVISIONS table with columns for NO., DATE, and DESCRIPTION.

BONESTROO, ROSENE, ANDERLIK & ASSOC., INC.  
ST. PAUL, MINNESOTA

**SUPERIOR, WISCONSIN**  
DATE: FEBRUARY 2, 1974 COMM 6865A

**BYPASS RETENTION & GRIT TANK CORNERS**  
46/84  
STRUCTURAL 5-3

NOTE: Work this drawing with sheets 10, 11, 12, 13, 14, 15, 16.

NORTHEAST CORNER

NORTHWEST CORNER

