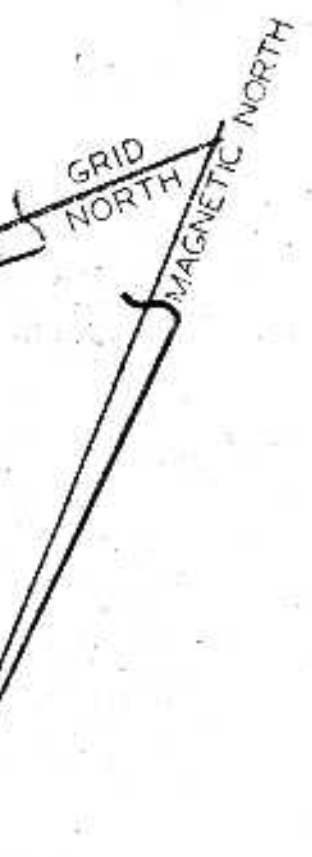
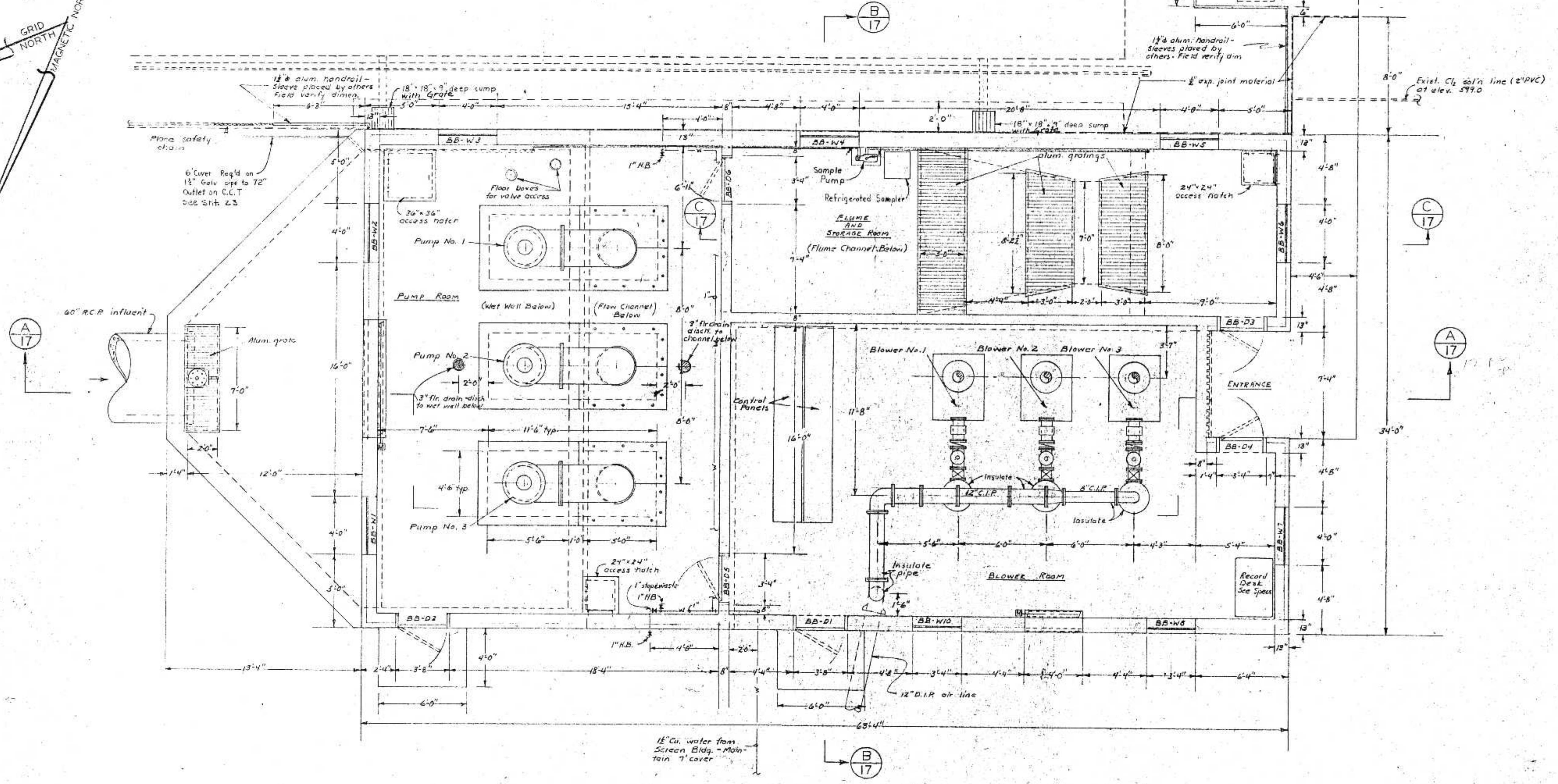


DNR JUL 14 1975



RETENTION TANK
(Under construction by
others - To become CCT)



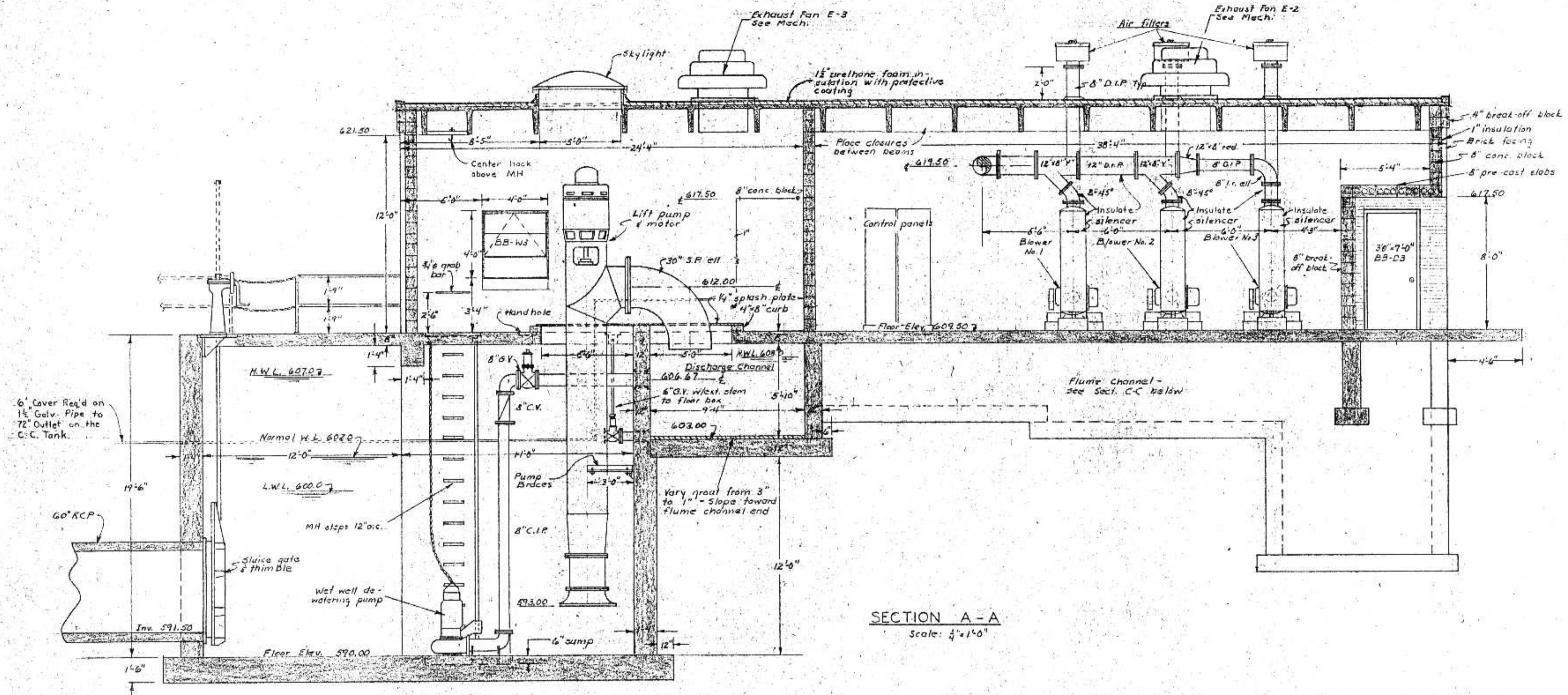
PUMP AND BLOWER BUILDING PLAN
Scale: 1/4" = 1'-0"

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME
OR UNDER MY DIRECT SUPERVISION AND THAT I AM A REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF WISCONSIN.
DATE FEB 5, 1975 REG. NO. E06599

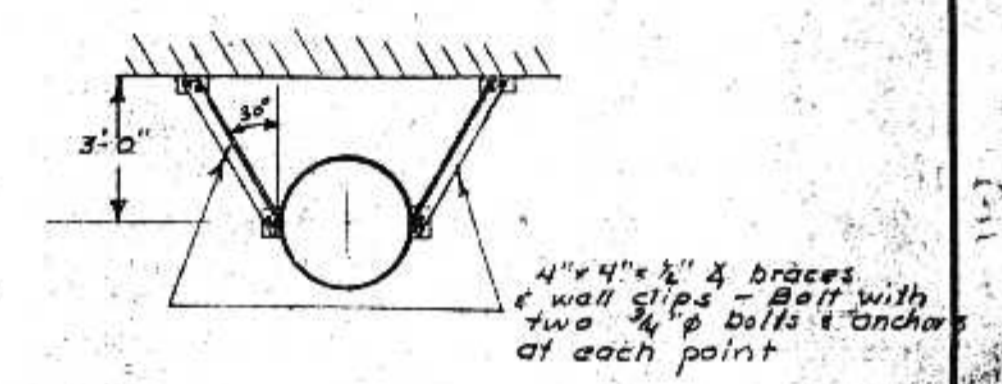
SURVEY GRC
DRAWN RE-1
DESIGN RE-1
APPROVED RE-1

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

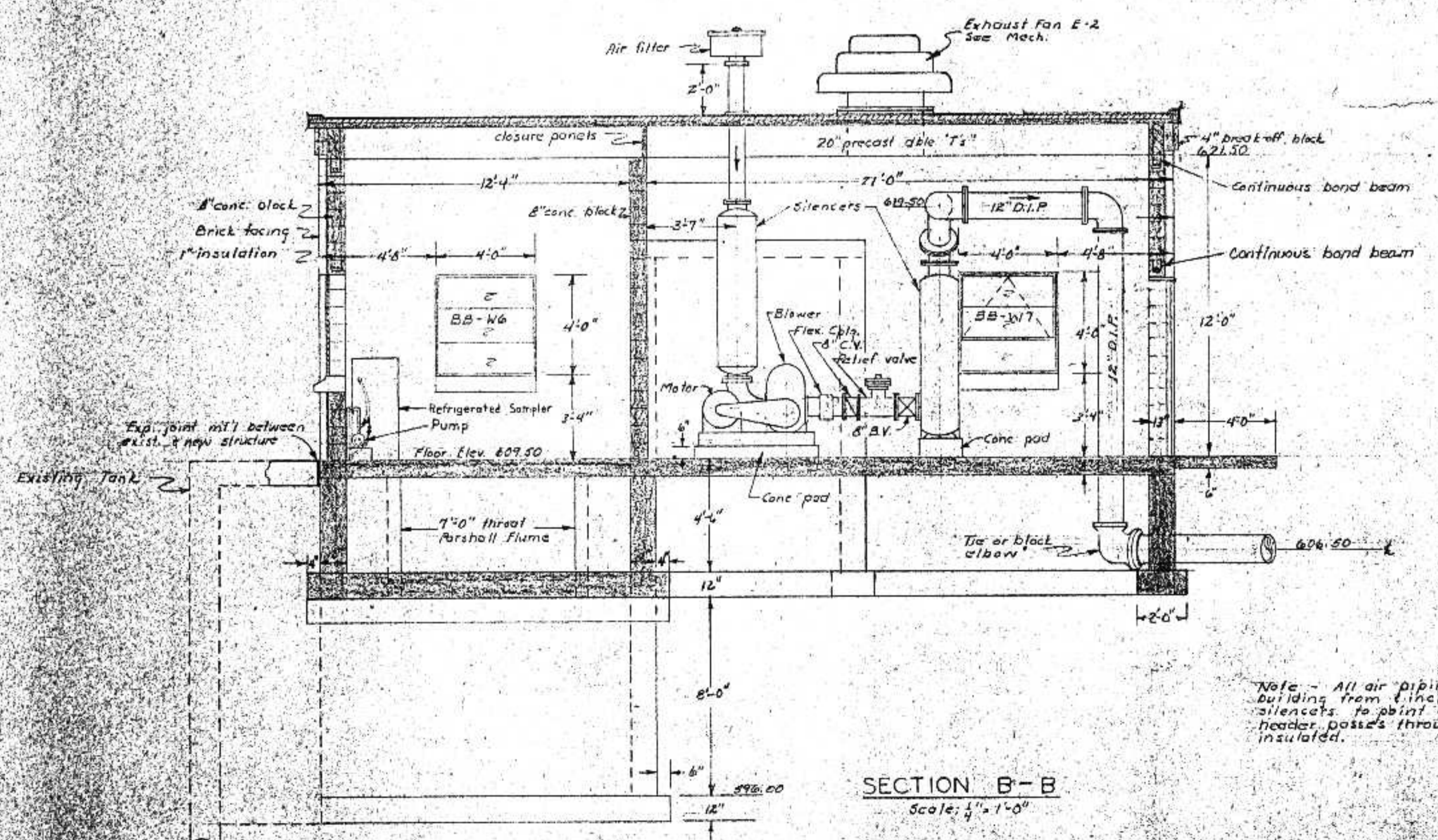
SUPERIOR, WISCONSIN
DATE: JAN 3, 1975
COMM 6888 F



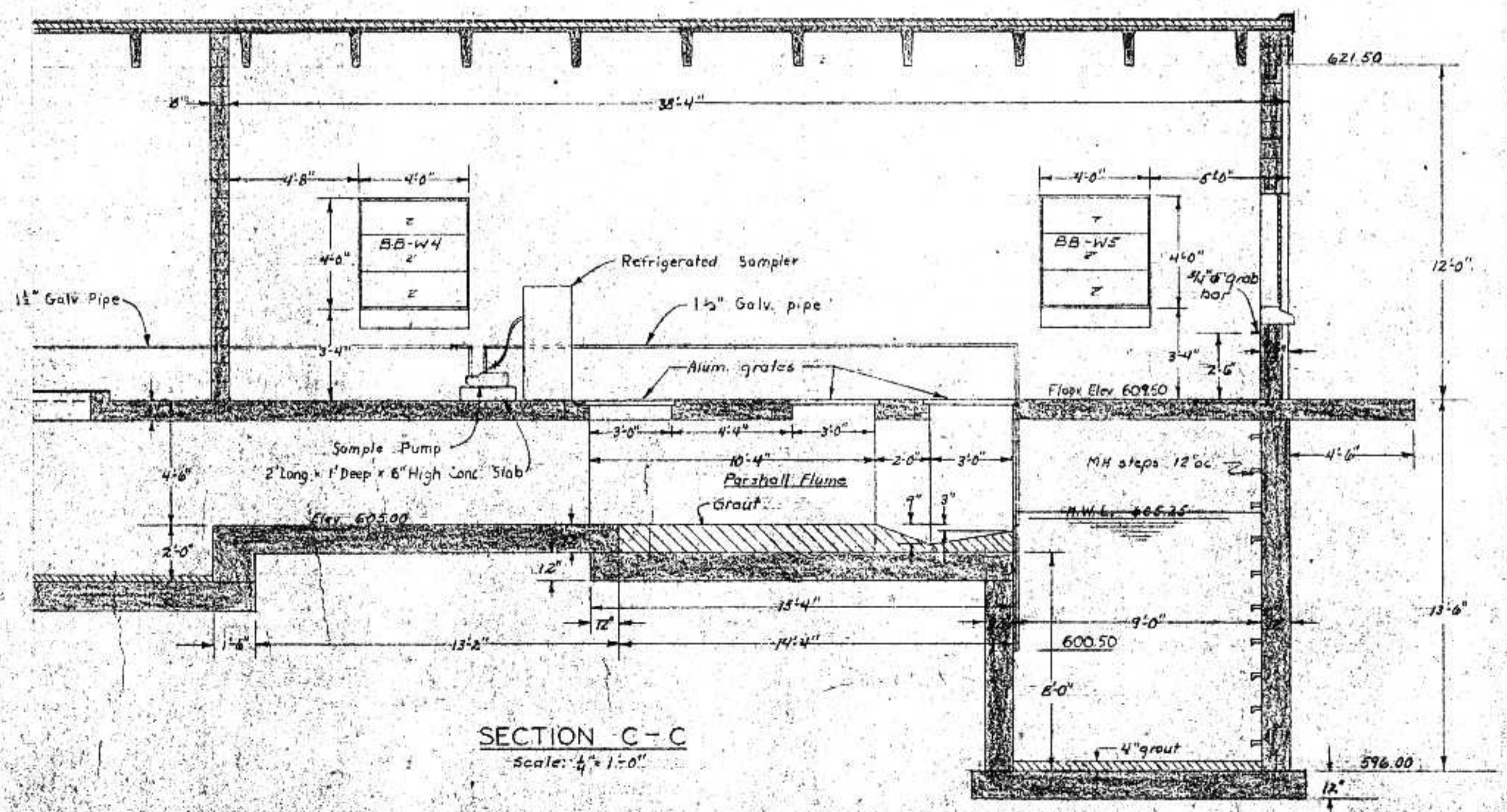
SECTION A-A
Scale: 1/4" = 1'-0"



PUMP BRACE DETAIL



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



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

Note - All air piping inside building from ceiling down to silencers to point where air header passes through floor to be insulated.

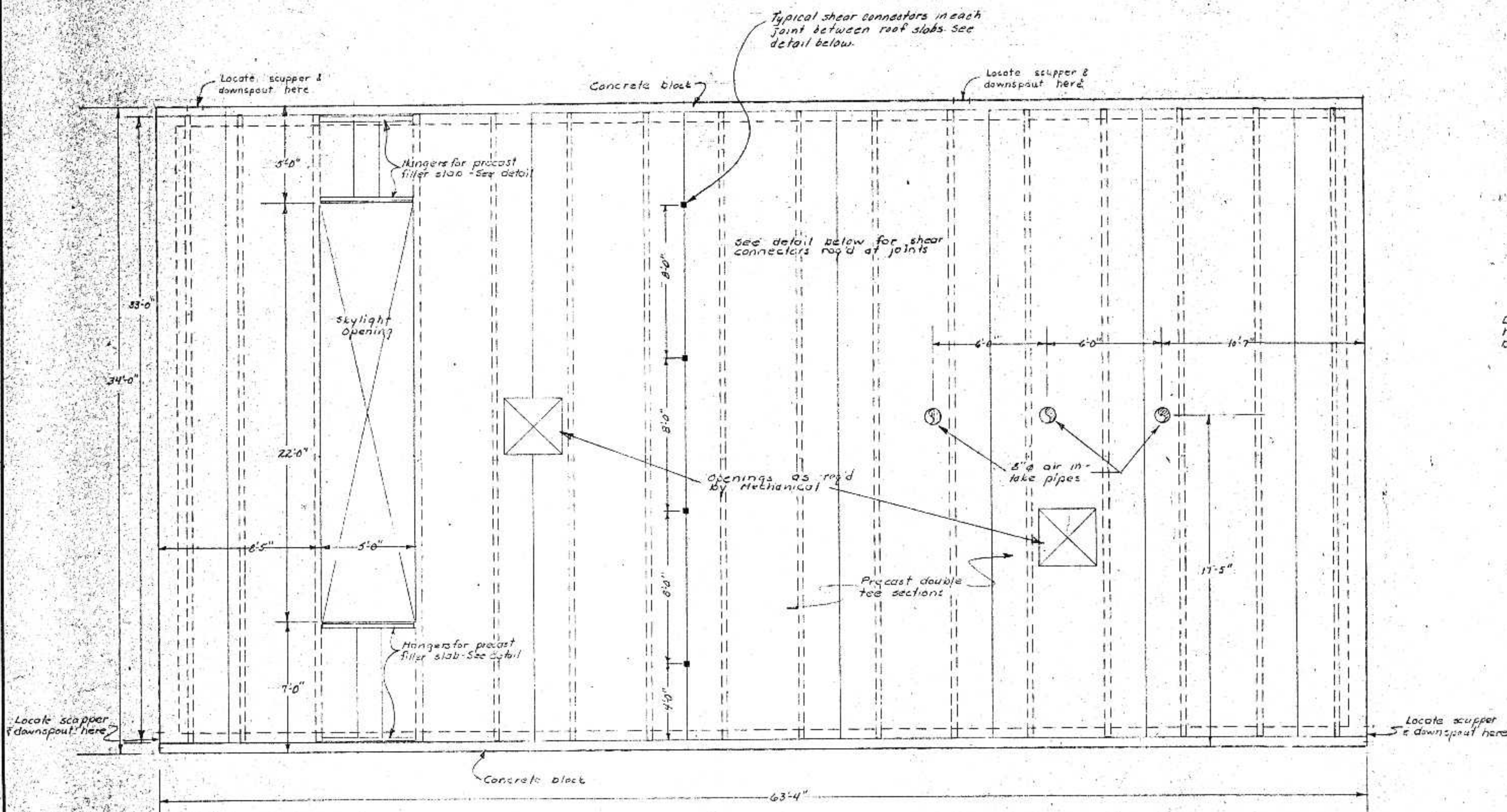
I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF WISCONSIN.
DATE FEB. 5, 1975 TEL. NO. FD6599

NO.	DATE	REVISIONS
1		
2		
3		
4		
5		

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

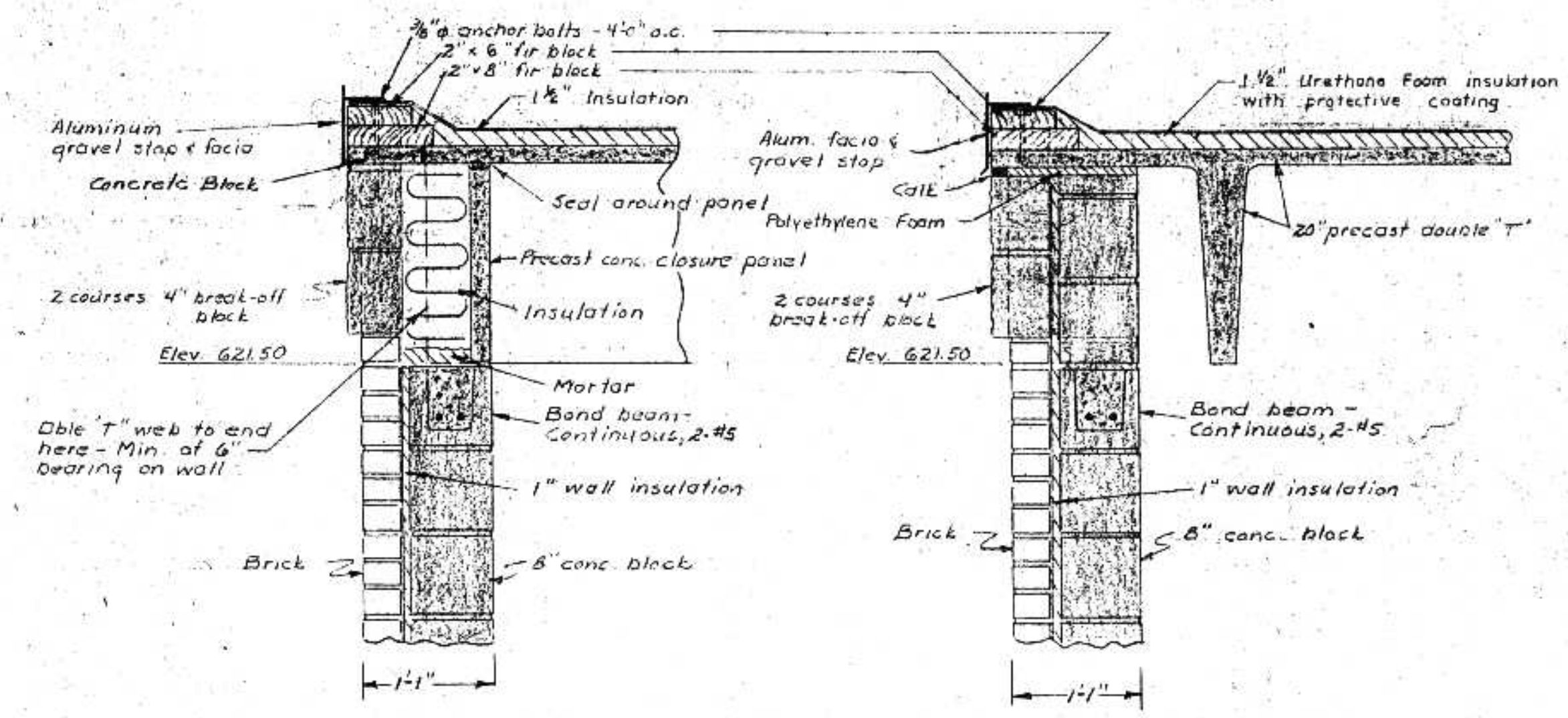
SUPERIOR, WISCONSIN
DATE: JAN 3, 1975 COMM. 6888 F

C. S. O. PLANT - DISTRICT 2
PUMP & BLOWER BUILDING SECTIONS

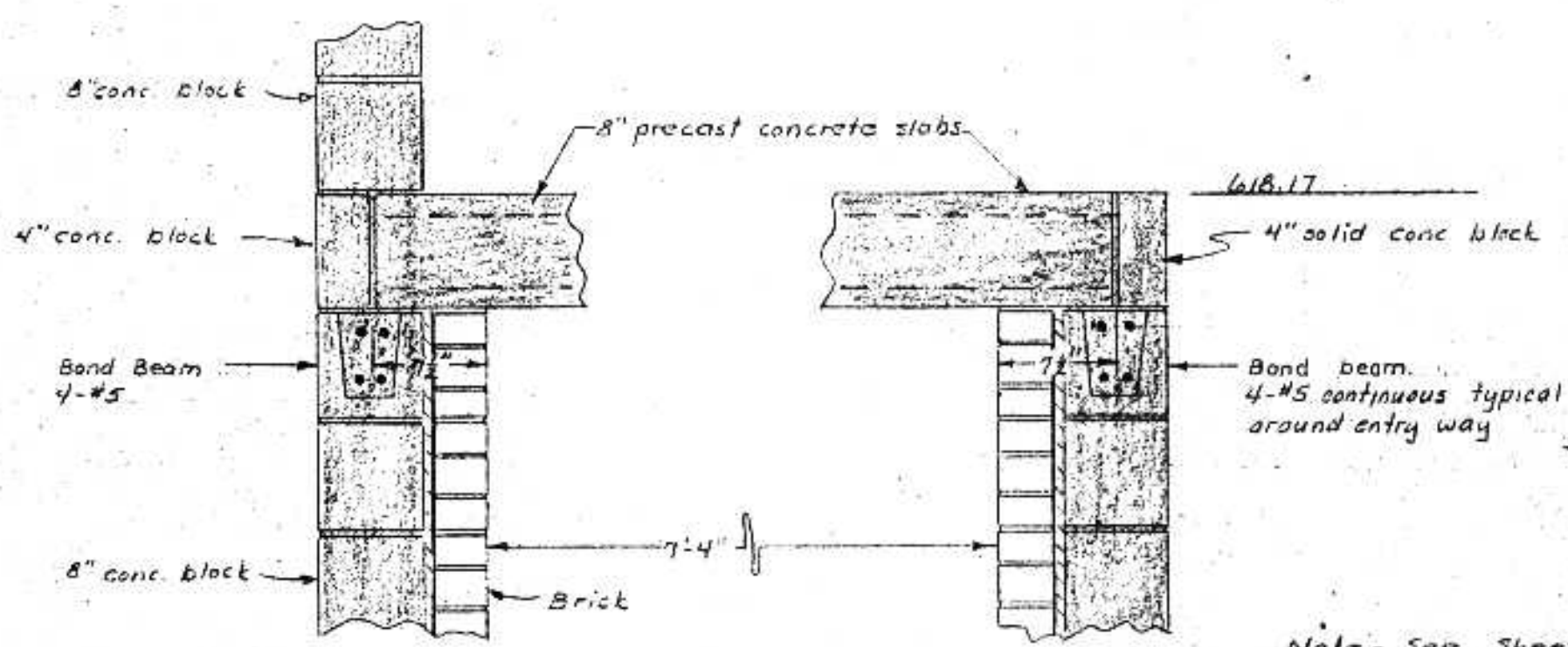


ROOF PLAN
Scale: 1/4"=1'-0"

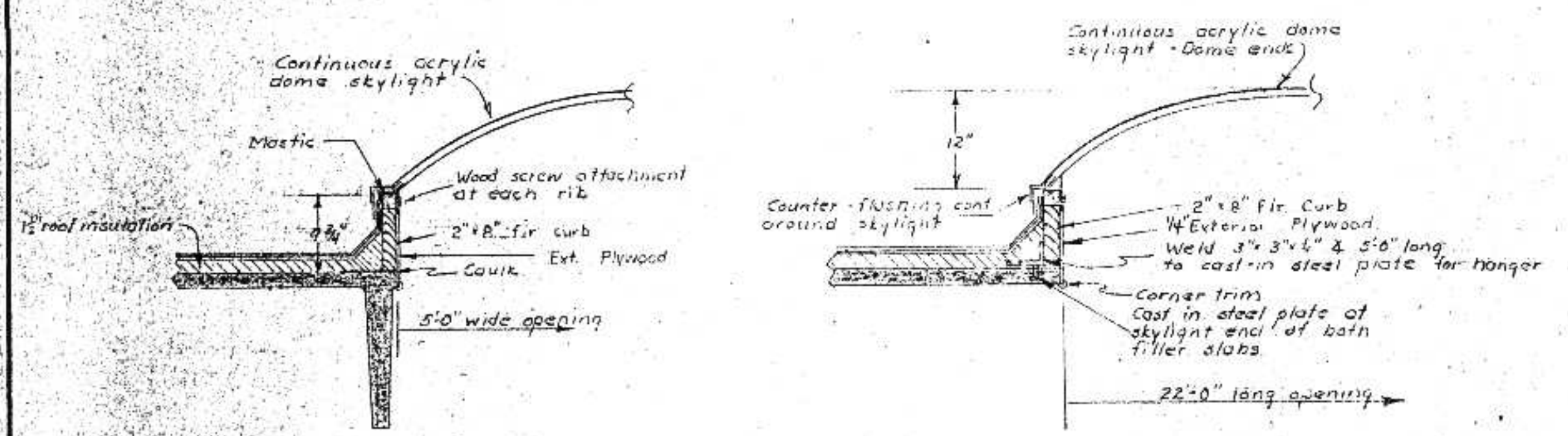
Note: Double 'T' anchorage details on sheet 14



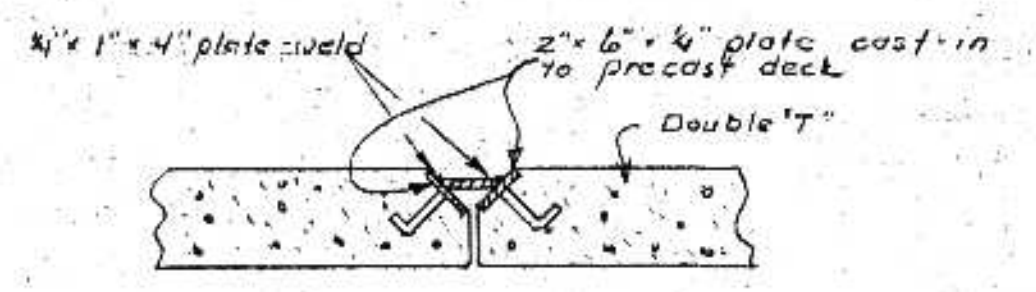
FACIA DETAILS
Scale: 1"=1'-0"



ENTRANCE CEILING DETAILS
Scale: 1"=1'-0"



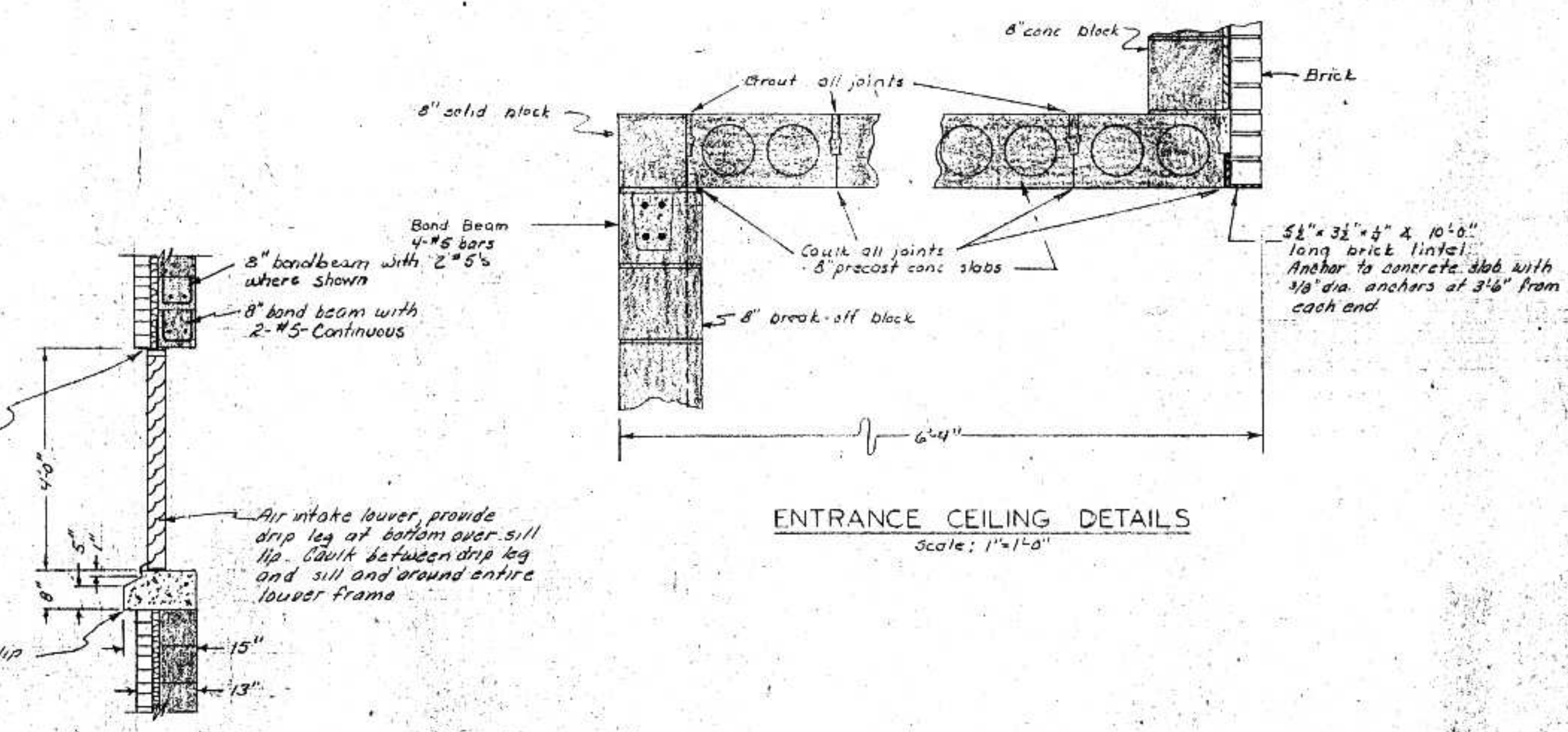
SKYLIGHT DETAILS
Scale: 1/4"=1'-0"



SHEAR CONNECTORS

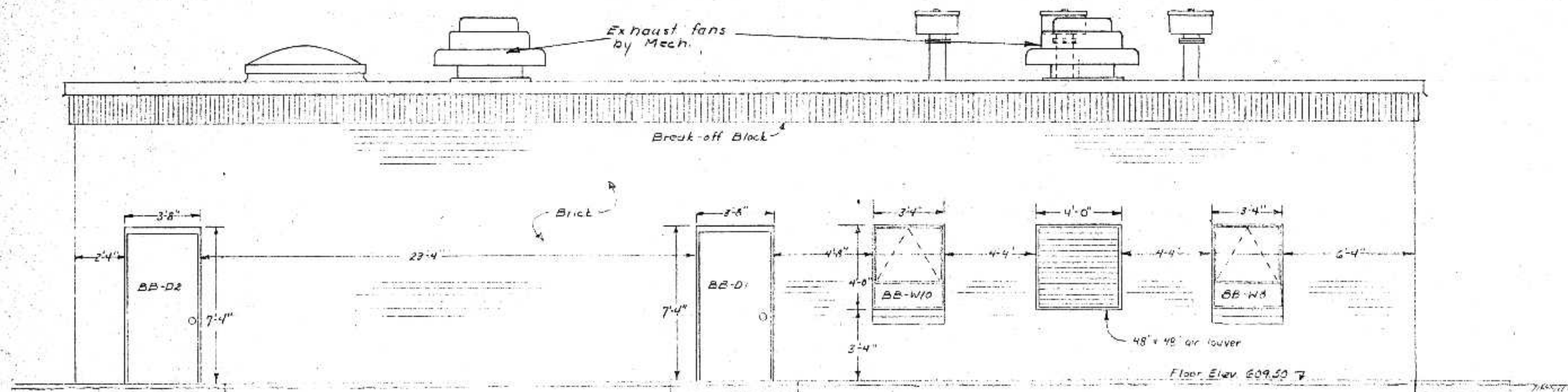
shear connections req'd 8" o.c. at all joints

5/8" x 3/2" x 1/4" angle intel, extend 8" beyond each side of opening. Anchor intel angle to bond beam with 1-1/8" dia. drill-in anchor at 3'-0" from each end.

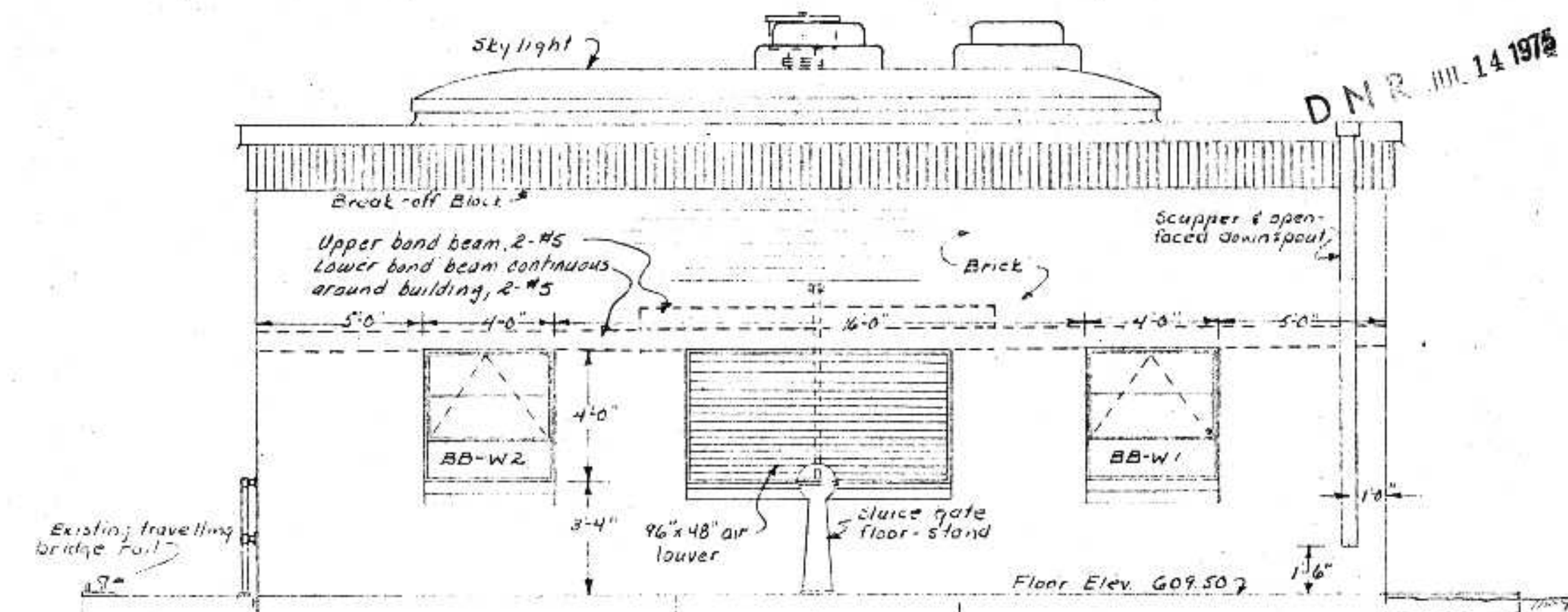


INTAKE LOUVER DETAIL
Scale: 1/2"=1'-0"

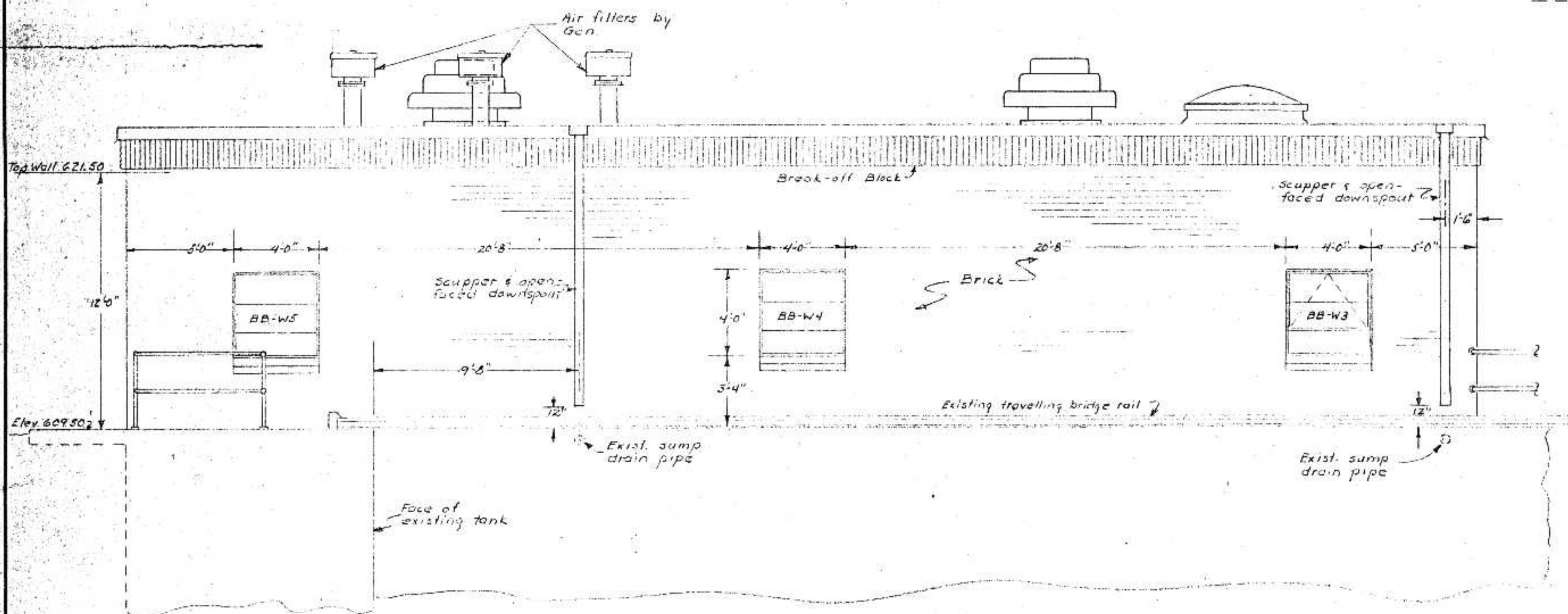
DMR JUL 14 1975



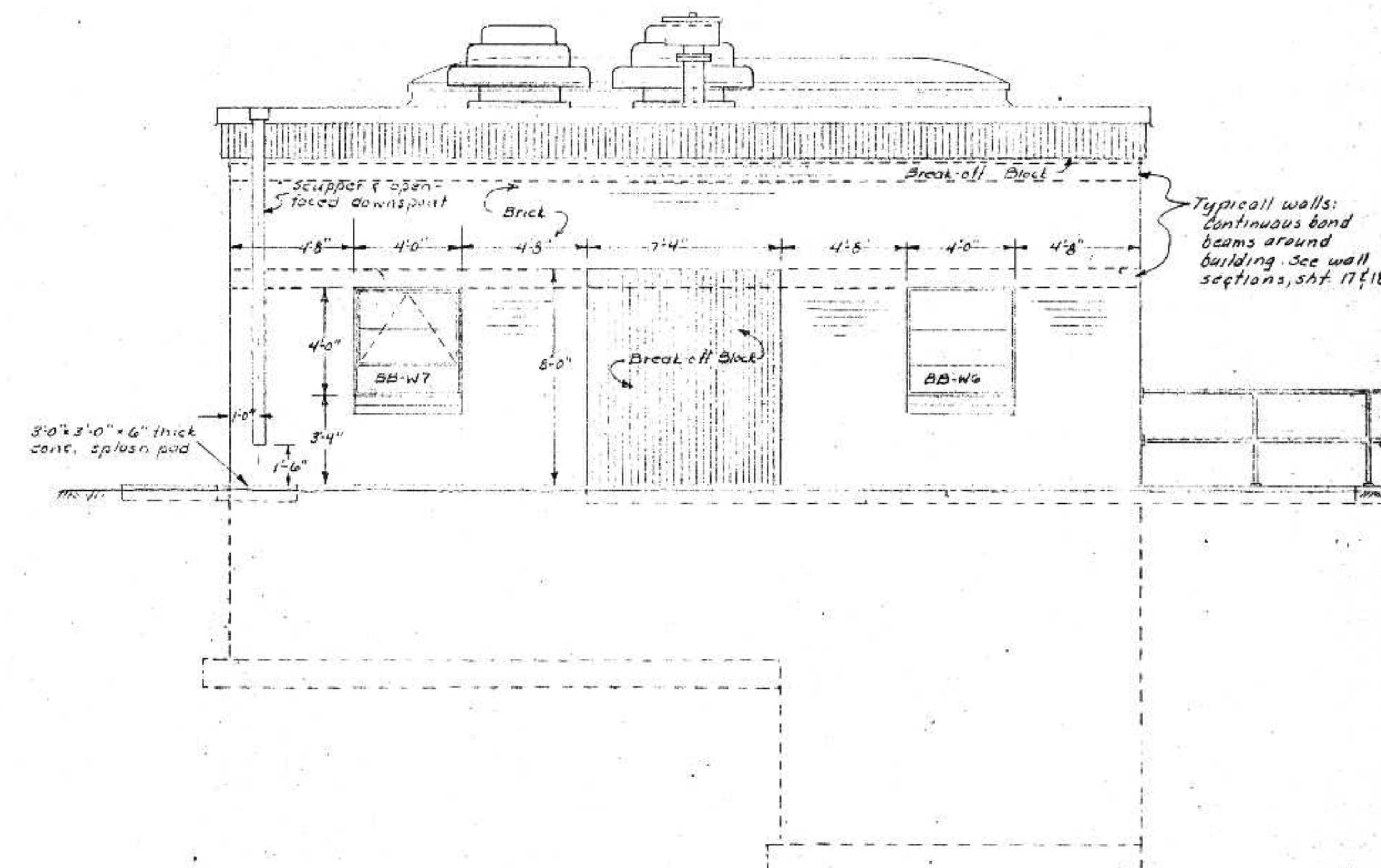
PUMP & BLOWER BUILDING WEST ELEVATION
Scale: 1/4" = 1'-0"



PUMP & BLOWER BUILDING NORTH ELEVATION
Scale: 1/4" = 1'-0"



PUMP & BLOWER BUILDING EAST ELEVATION
Scale: 1/4" = 1'-0"



PUMP & BLOWER BUILDING SOUTH ELEVATION
Scale: 1/4" = 1'-0"

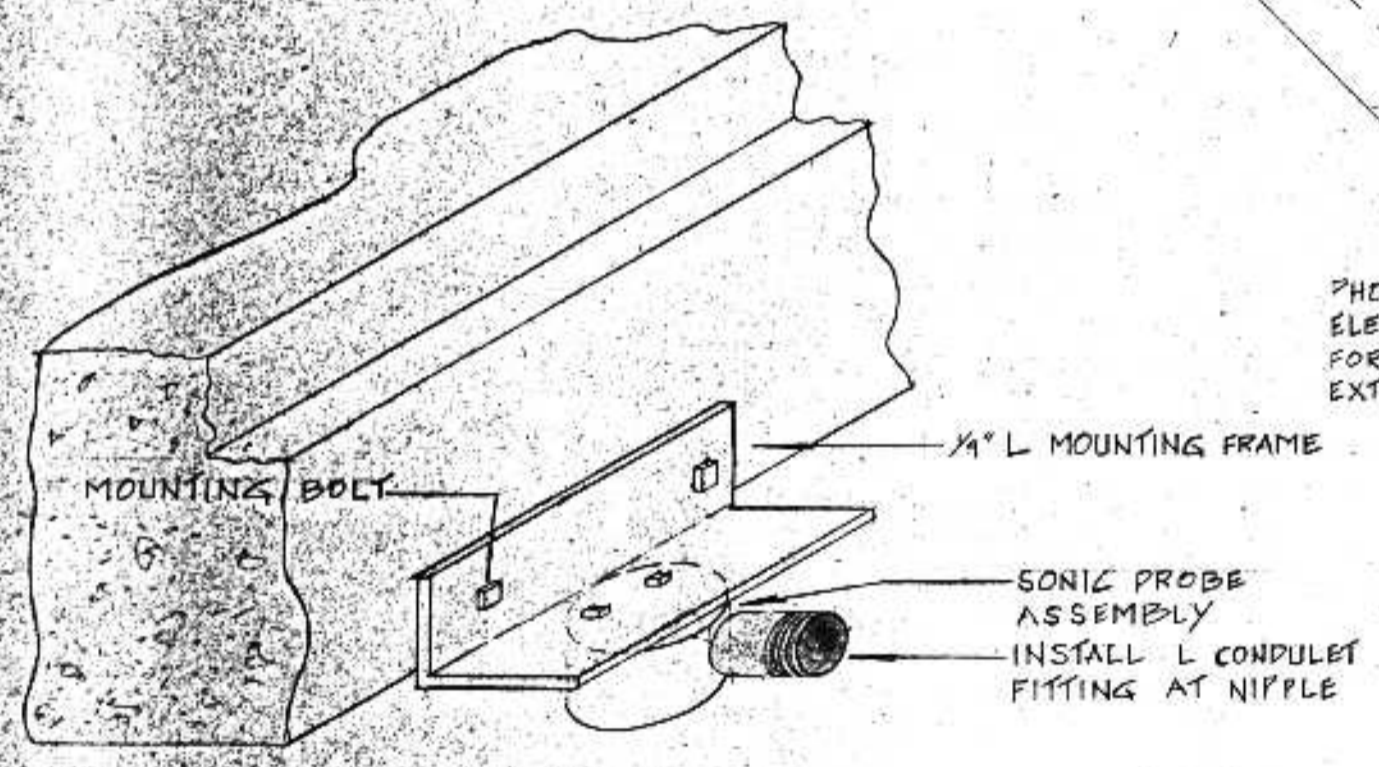
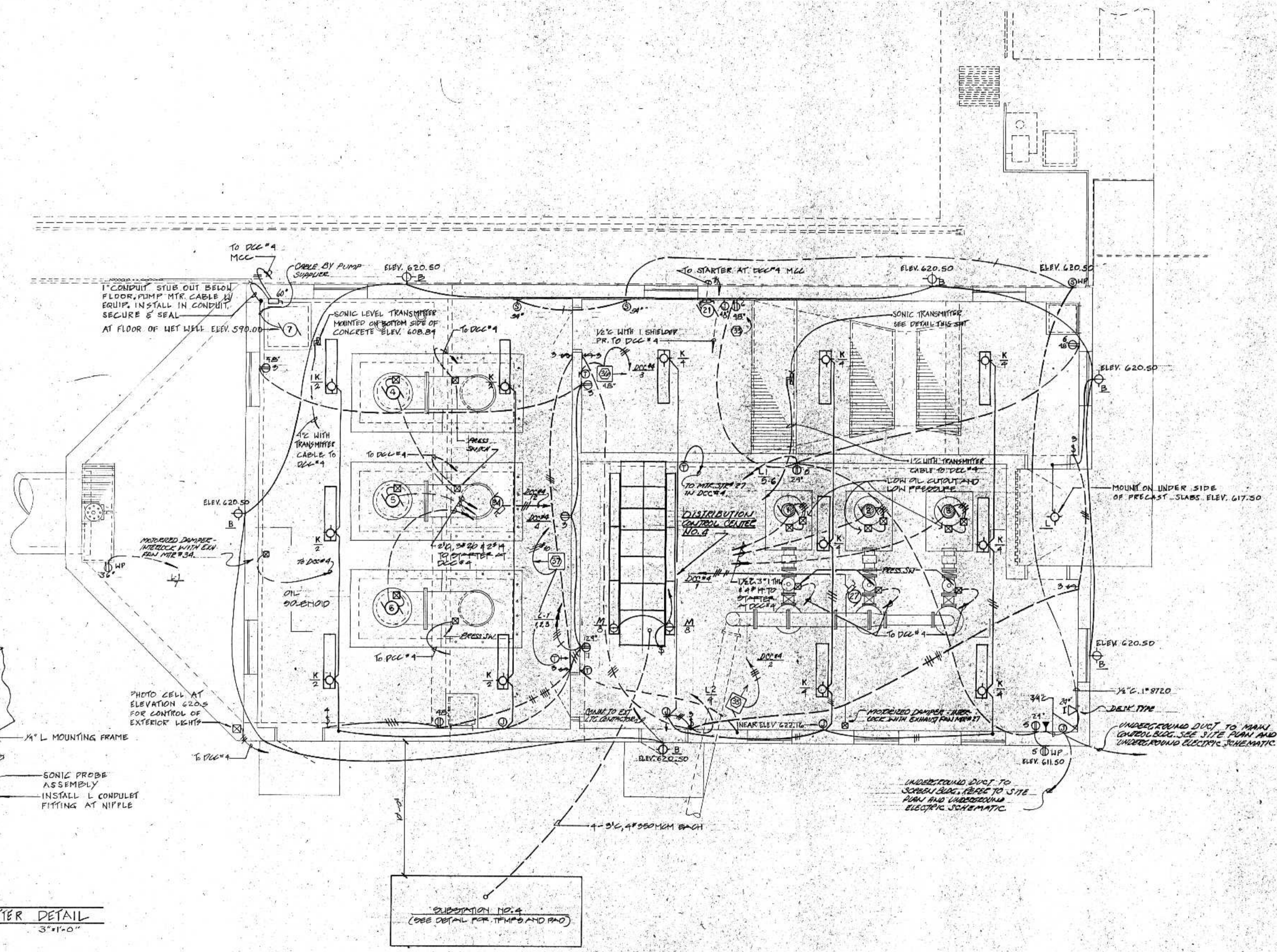
I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT AS A duly REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF WISCONSIN.
DATE: FEB. 5, 1975 REG. NO. E06599

SURVEY	DR	REVISIONS
GRC	RET	
DR	RET	
DESIGN	RET	
APPROV'D	RET	

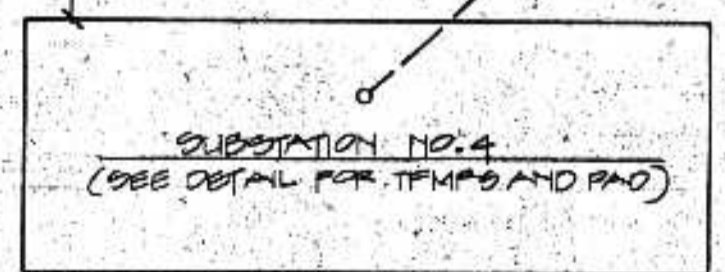
BONESTROO, ROSENE, ANDERLIK & ASSOC., INC.
ST. PAUL, MINNESOTA

SUPERIOR, WISCONSIN
DATE: JAN 3, 1975 COMM 6888 F

C. S. O. PLANT - DISTRICT 2
PUMP & BLOWER BUILDING ELEVATION
SHEET 19/53

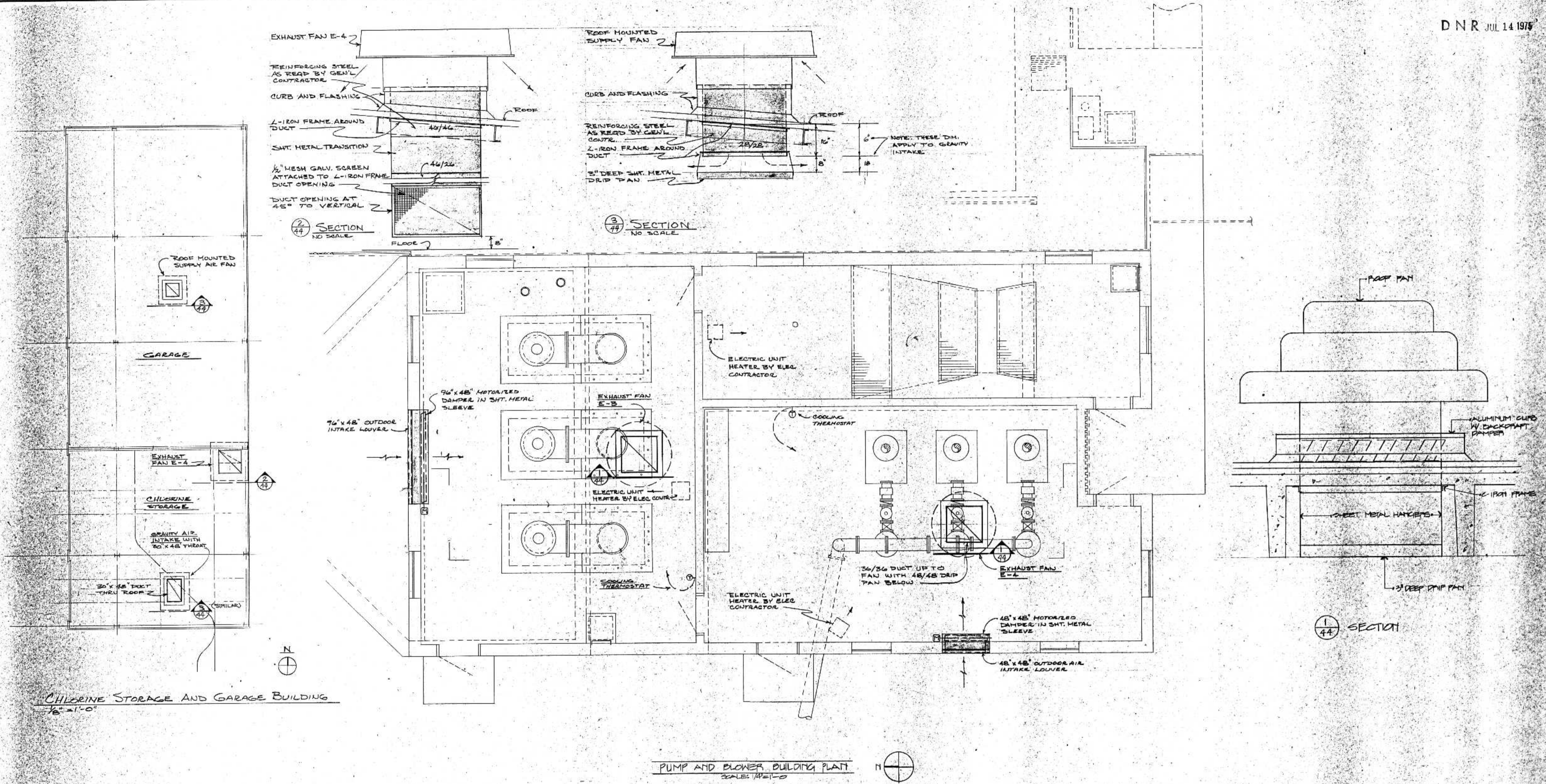


SONIC LEVEL TRANSMITTER DETAIL
SCALE: 3"=1'-0"



PUMP AND BLOWER BUILDING PLAN
SCALE: 1/4"=1'-0"





CHLORINE STORAGE AND GARAGE BUILDING
SCALE 1/8" = 1'-0"

PUMP AND BLOWER BUILDING PLAN
SCALE 1/8" = 1'-0"

ERICKSEN ELLISON
AND ASSOCIATES, INC.
CONSULTING ENGINEERS
SAINT PAUL, MINNESOTA

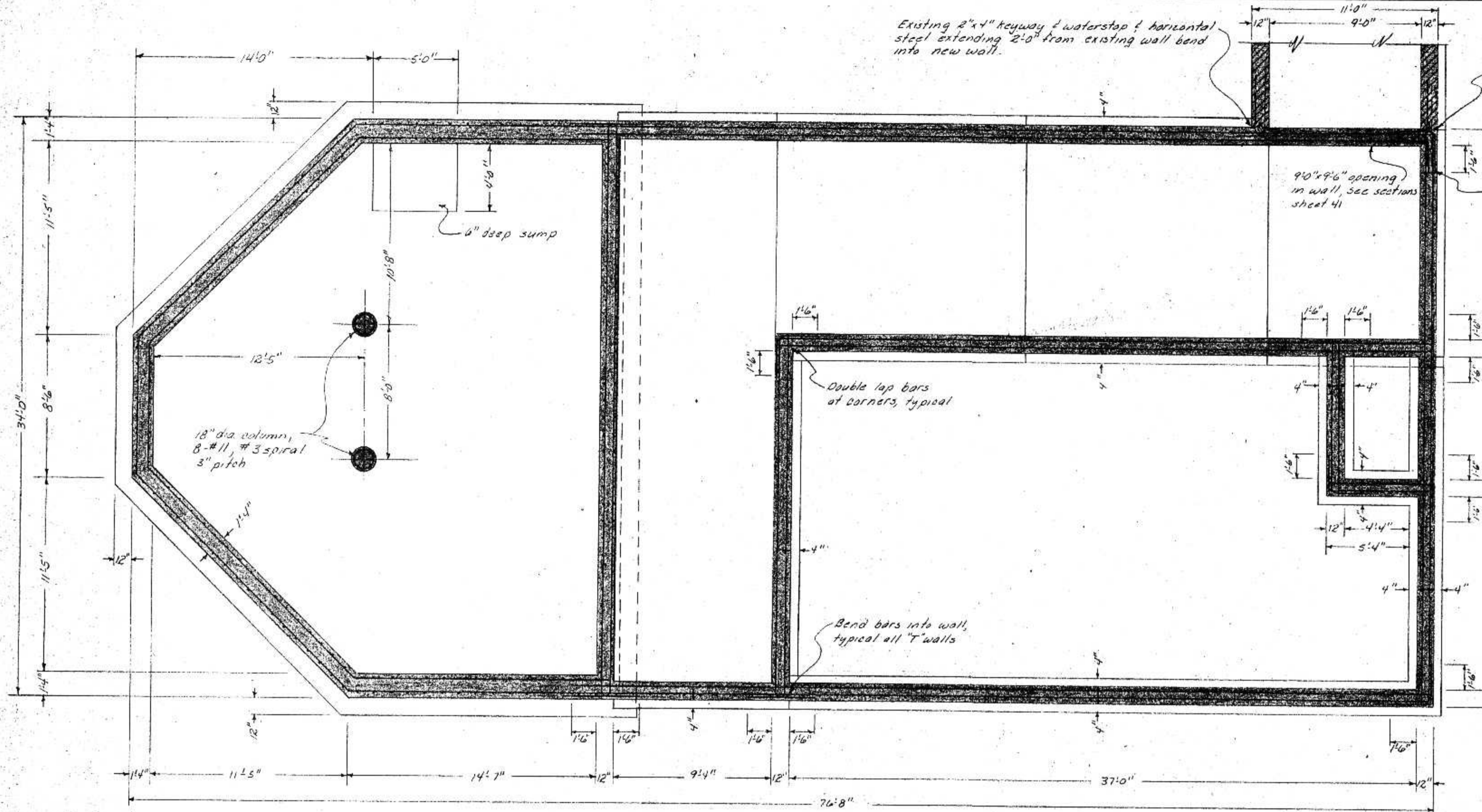
PERMIT TO CONSTRUCT
DATE: JUNE 14, 1975
E 6773

SURVEY	REVISIONS
DRAWN	
CHECKED	
APPROVED	

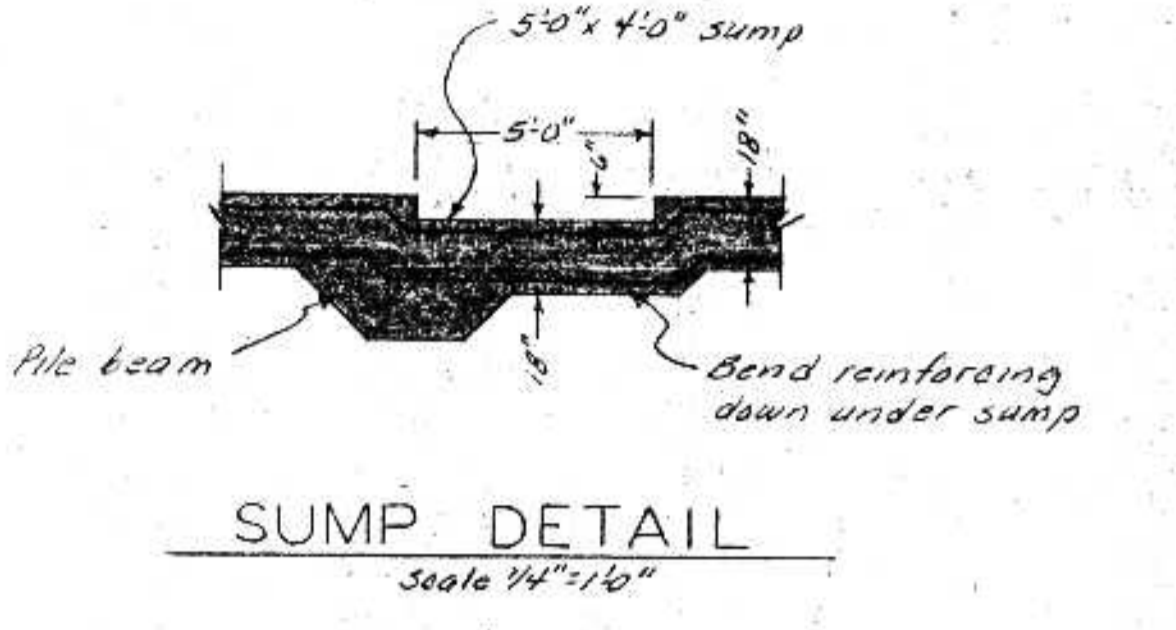
BONESTROO, ROSENE, ANDERLIX & ASSOC., INC.
ST. PAUL, MINNESOTA

SUPERIOR, WISCONSIN
DATE: JUNE 14, 1975
COMM 6888 F

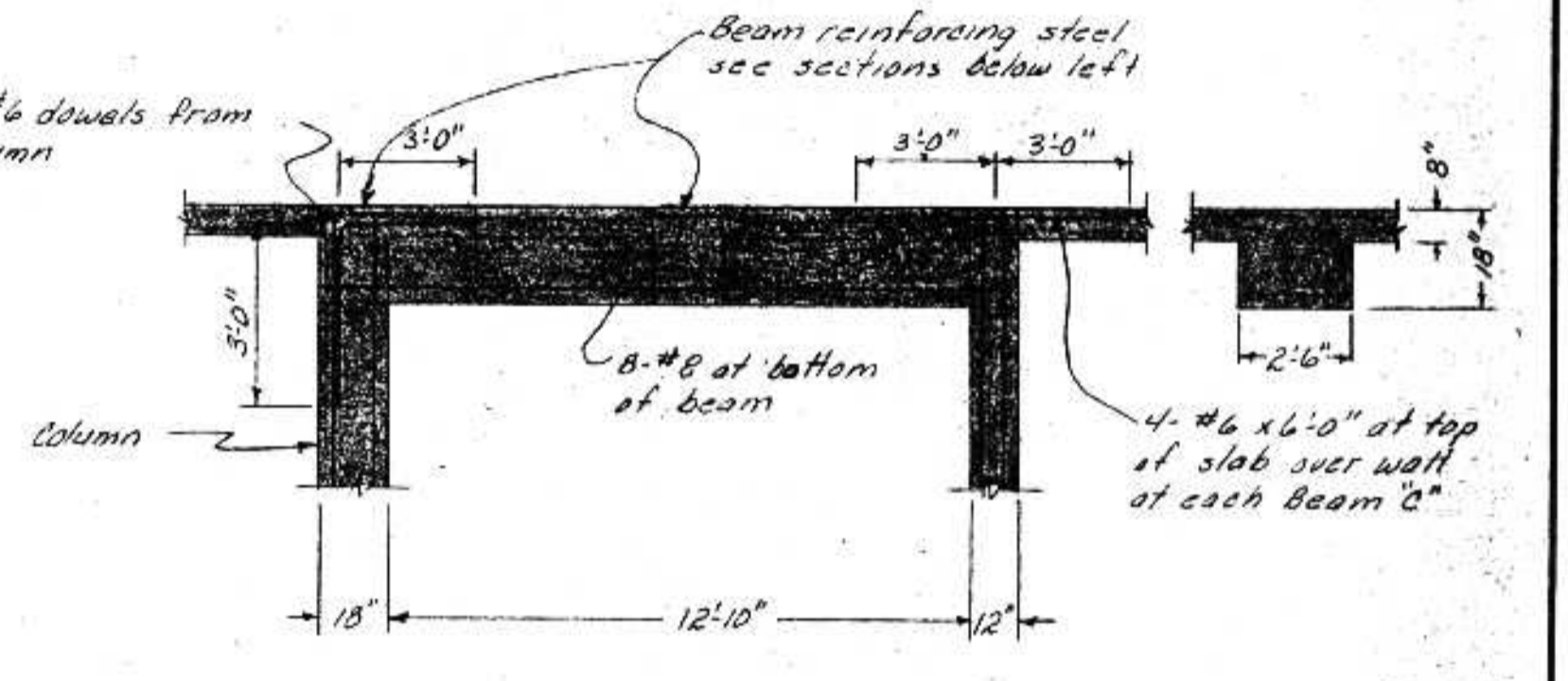
PUMP AND BLOWER BUILDING & C.S.O. STORAGE VENTILATING



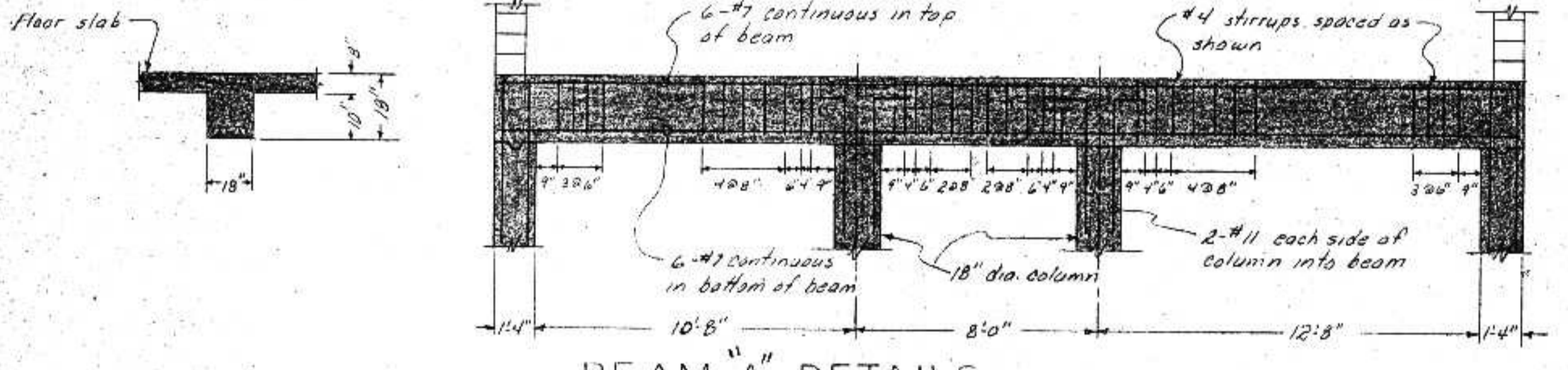
CORNER REINFORCING DETAIL
Scale 1/4" = 1'-0"



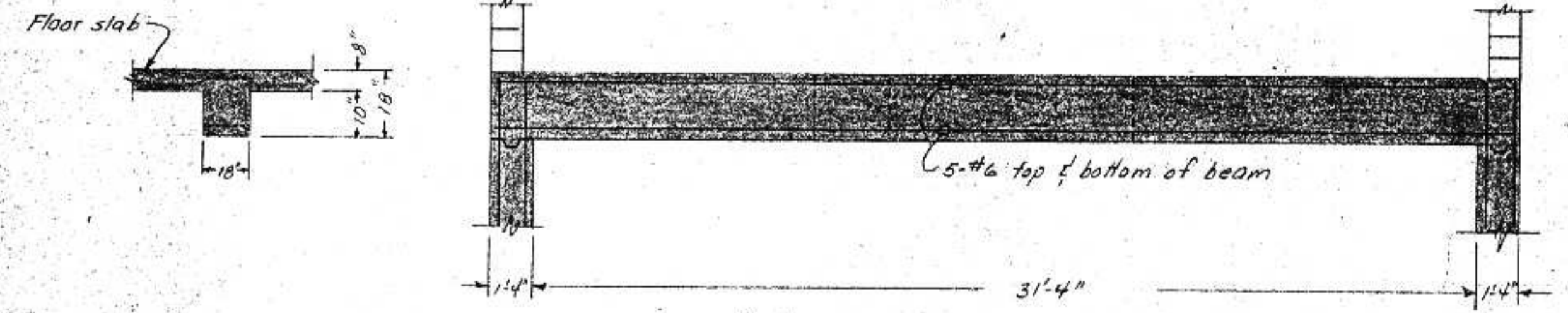
SUMP DETAIL
Scale 1/4" = 1'-0"



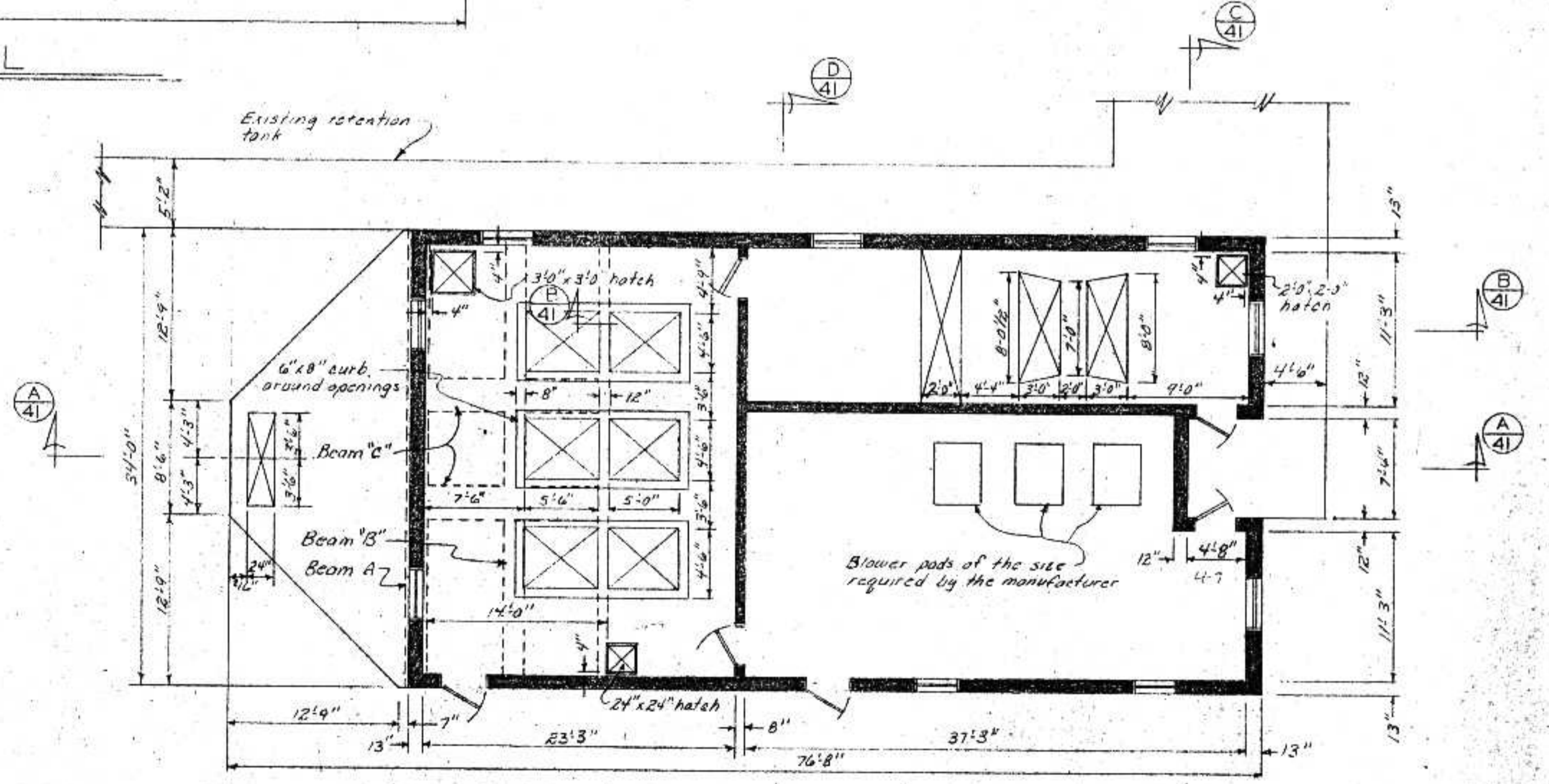
BEAM "C" DETAILS
Scale 1/4" = 1'-0"



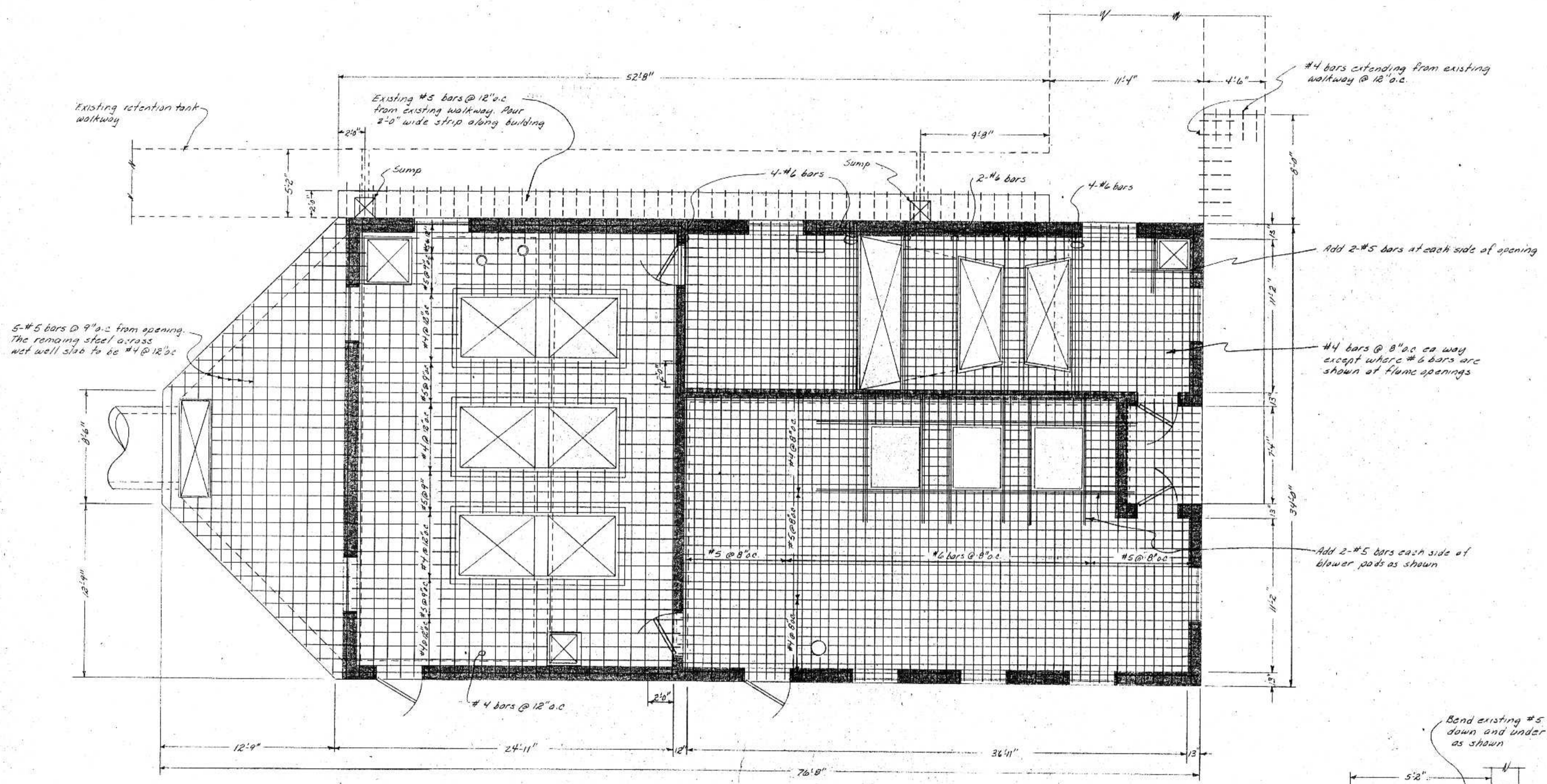
BEAM "A" DETAILS
Scale 1/4" = 1'-0"



BEAM "B" DETAILS
Scale 1/4" = 1'-0"

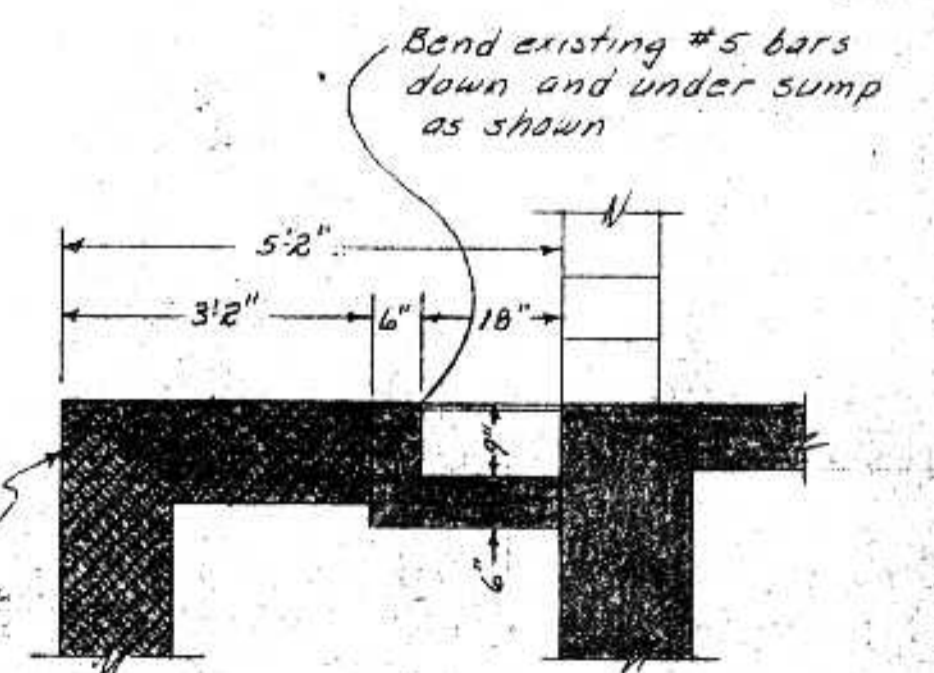


FLOOR PLAN
Scale 1" = 1'-0"

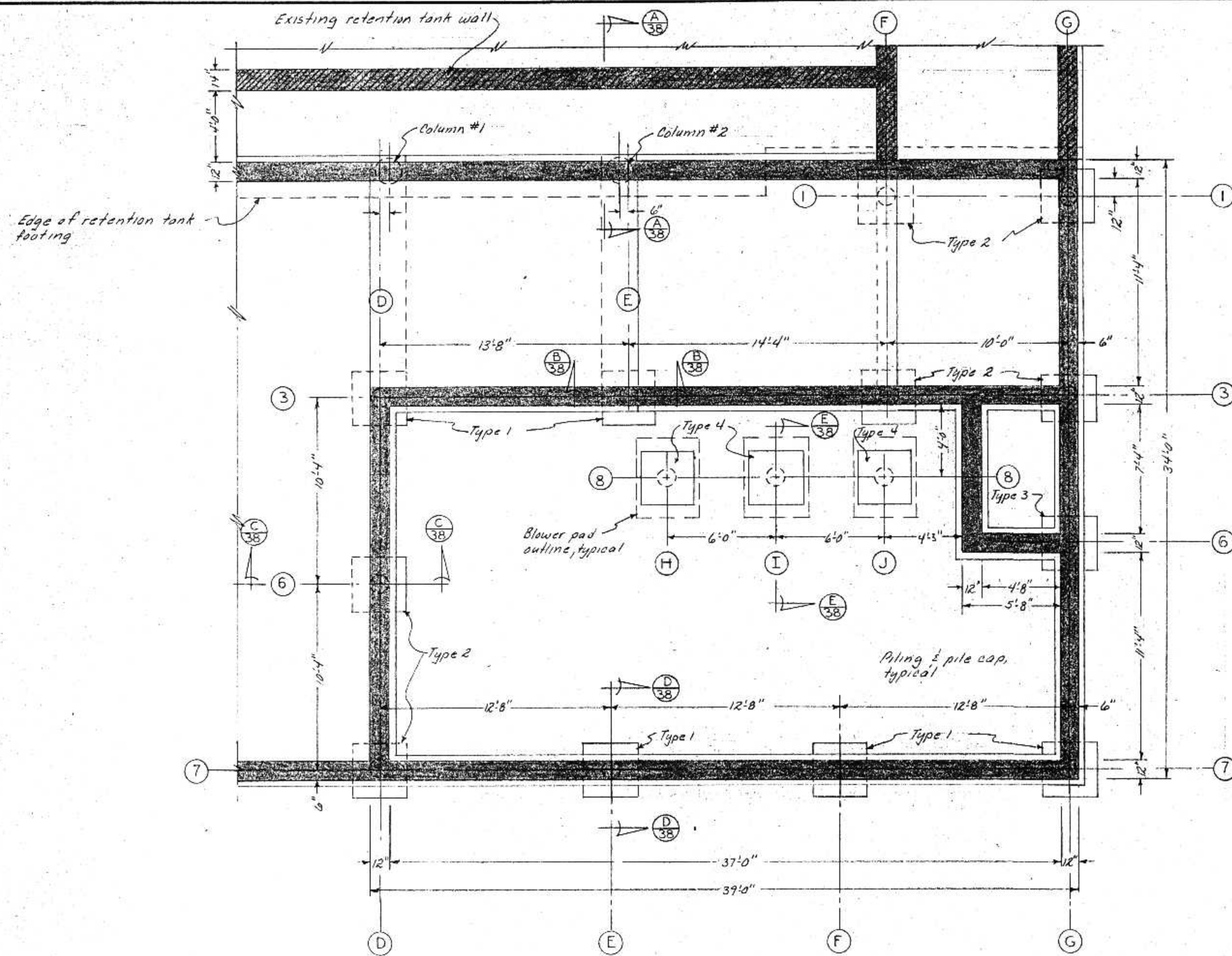


OPERATING FLOOR
BOTTOM STEEL
Scale 1/4" = 1'-0"

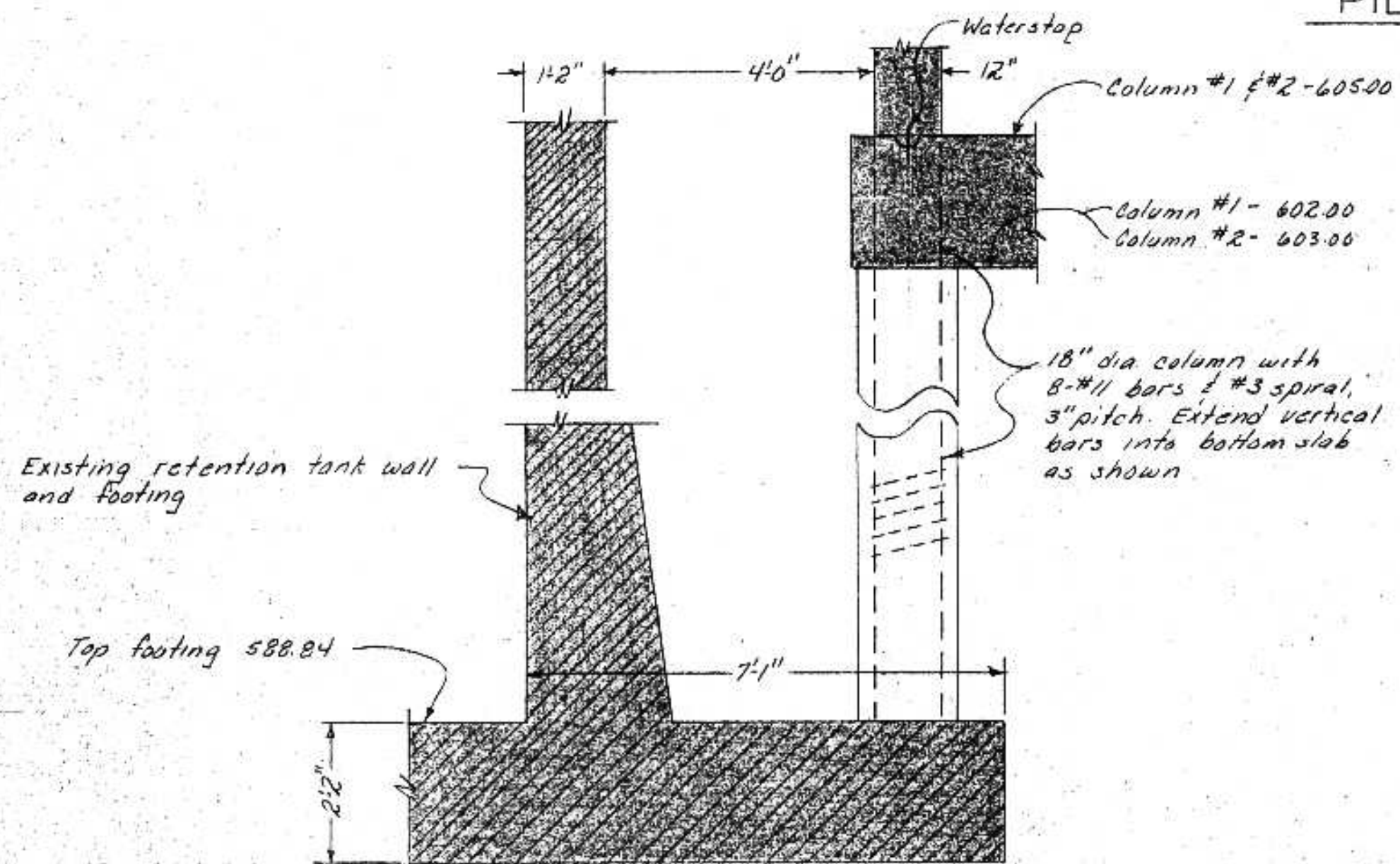
NOTE:
See building sections on sheet for top slab reinforcing.



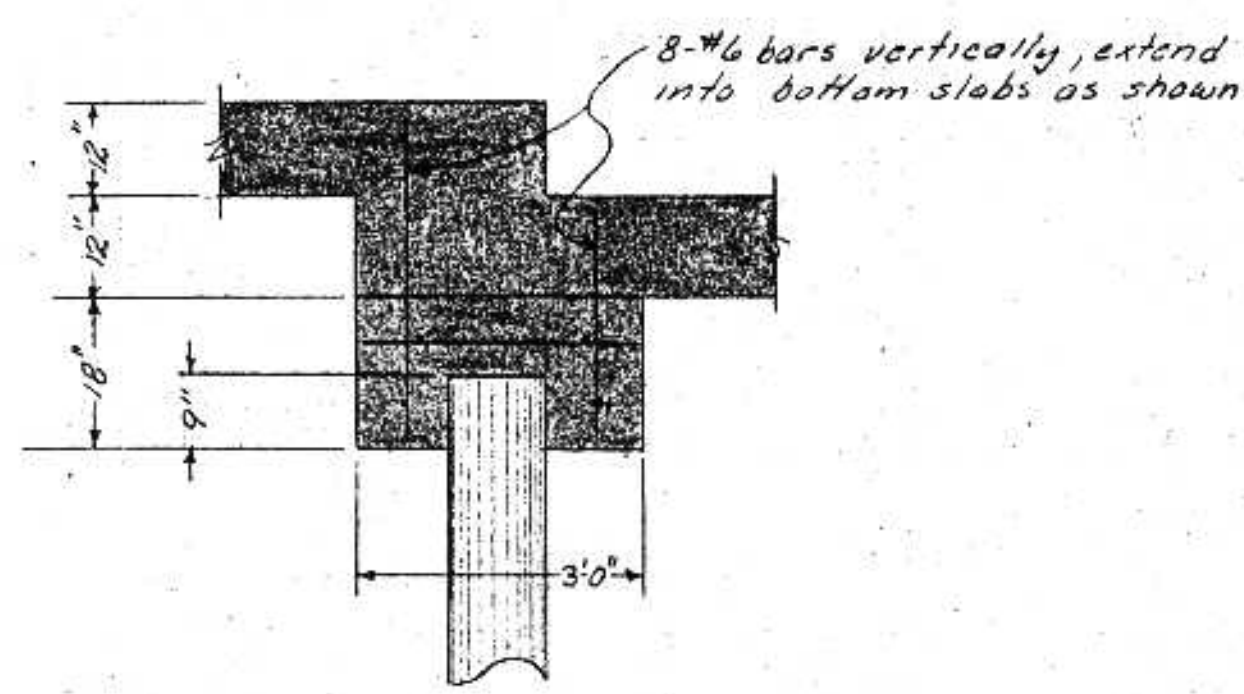
RETENTION TANK WALK & SUMP DETAIL
Scale 1/2" = 1'-0"



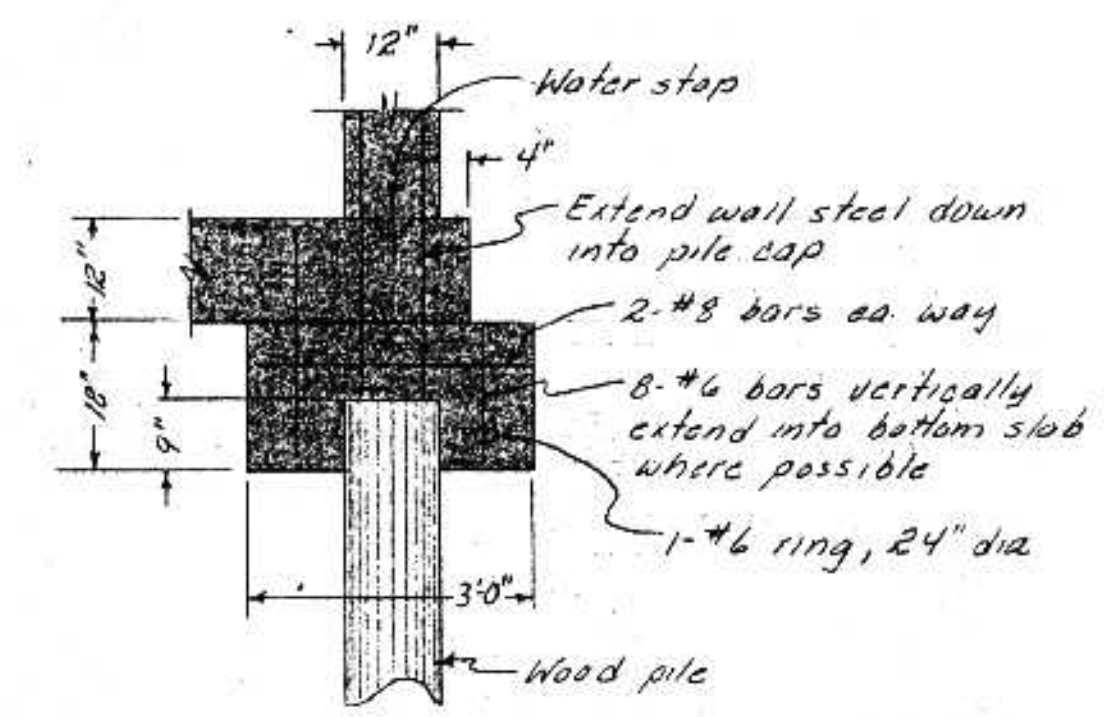
PILING LAYOUT
Scale 1/4" = 1'-0"



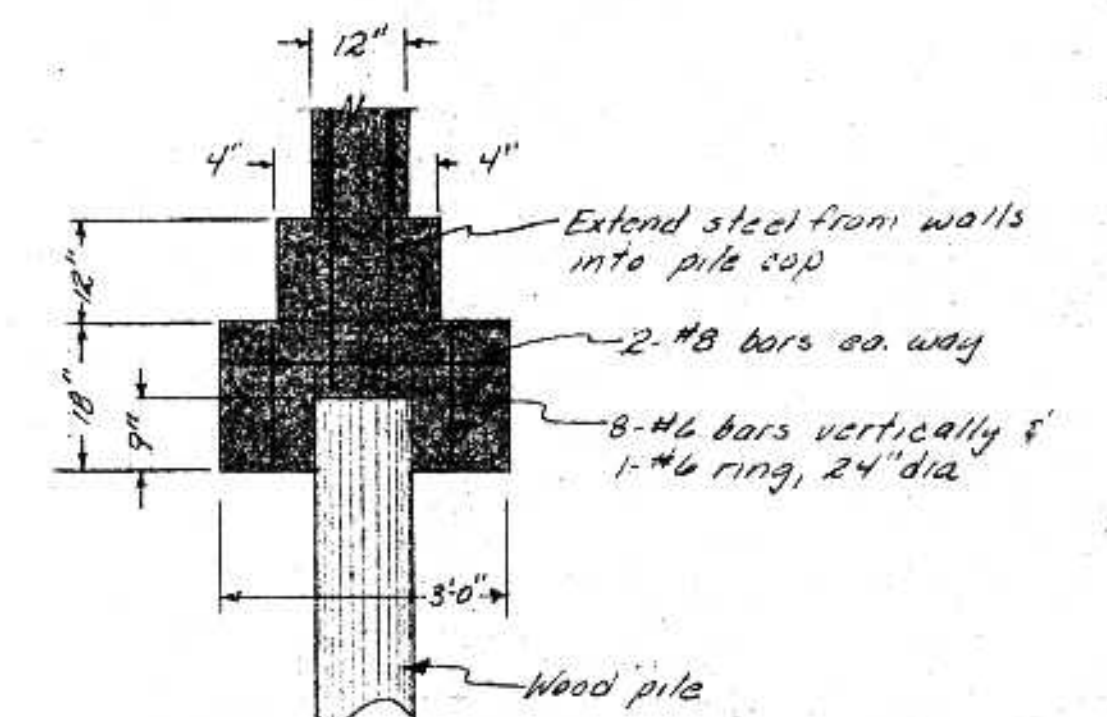
SECTION A-A
COLUMN 1 & 2 DETAIL
Scale 1/2" = 1'-0"



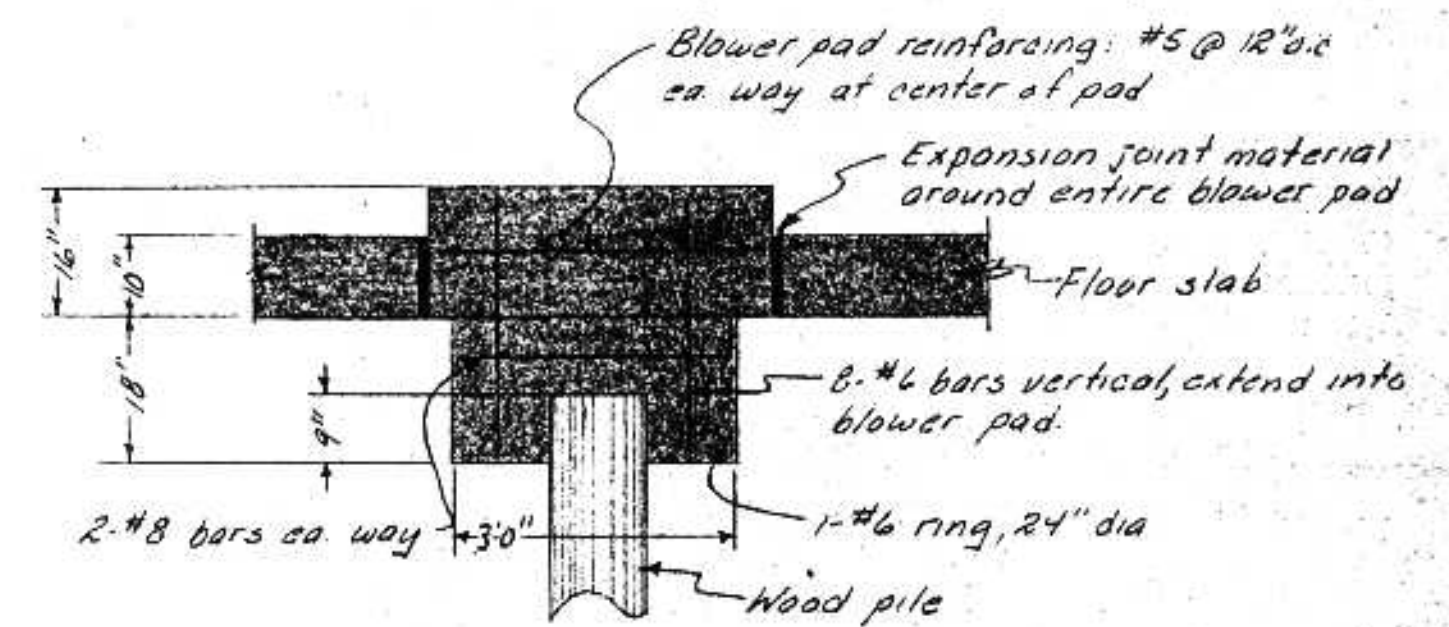
SECTION B-B
TYPE 1 PILE CAP
Scale 1/2" = 1'-0"



SECTION C-C
TYPE 2 PILE CAP
Scale 1/2" = 1'-0"



SECTION D-D
TYPE 3 PILE CAP
Scale 1/2" = 1'-0"

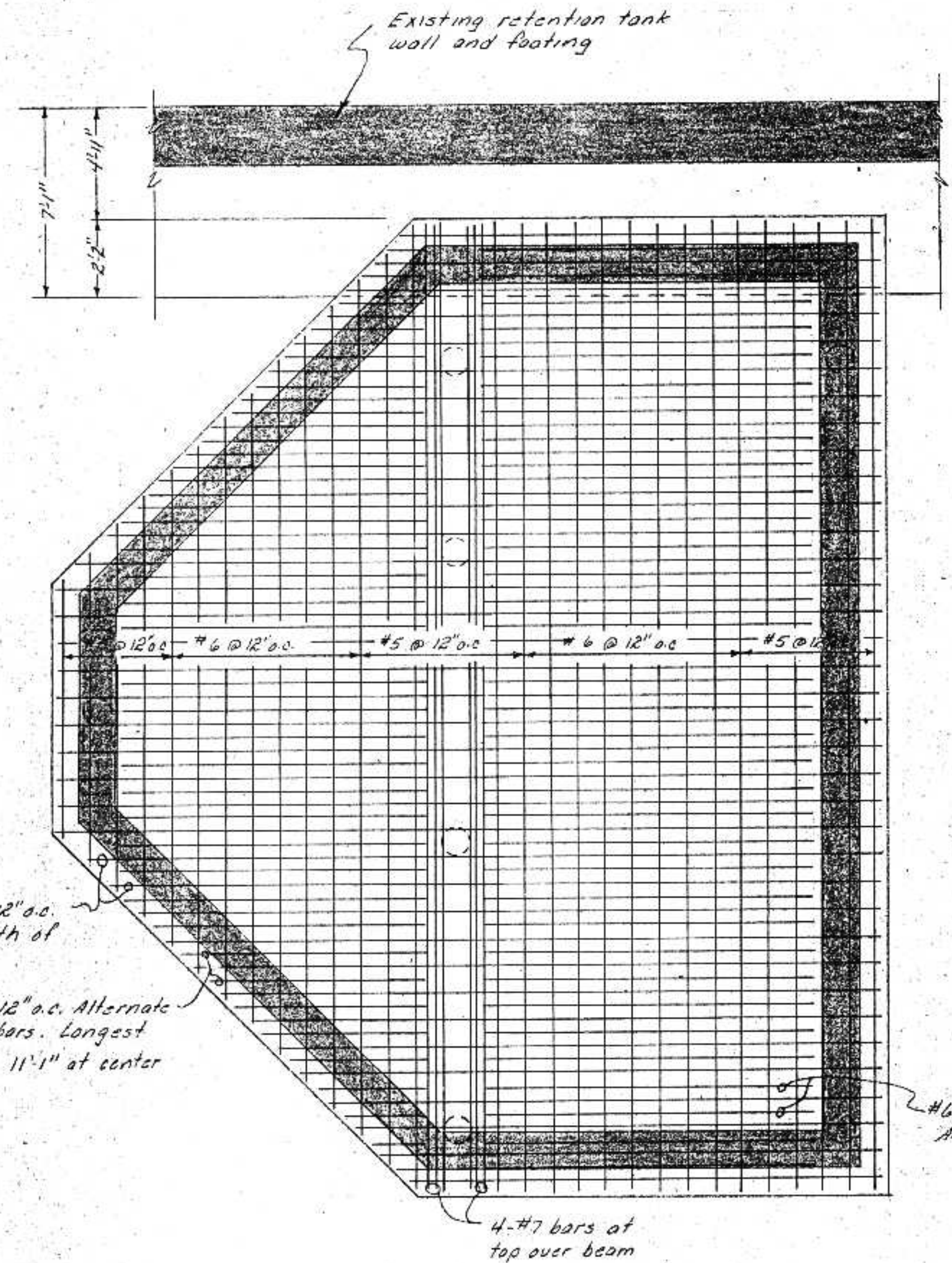


SECTION E-E
TYPE 4 PILE CAP
Scale 1/2" = 1'-0"

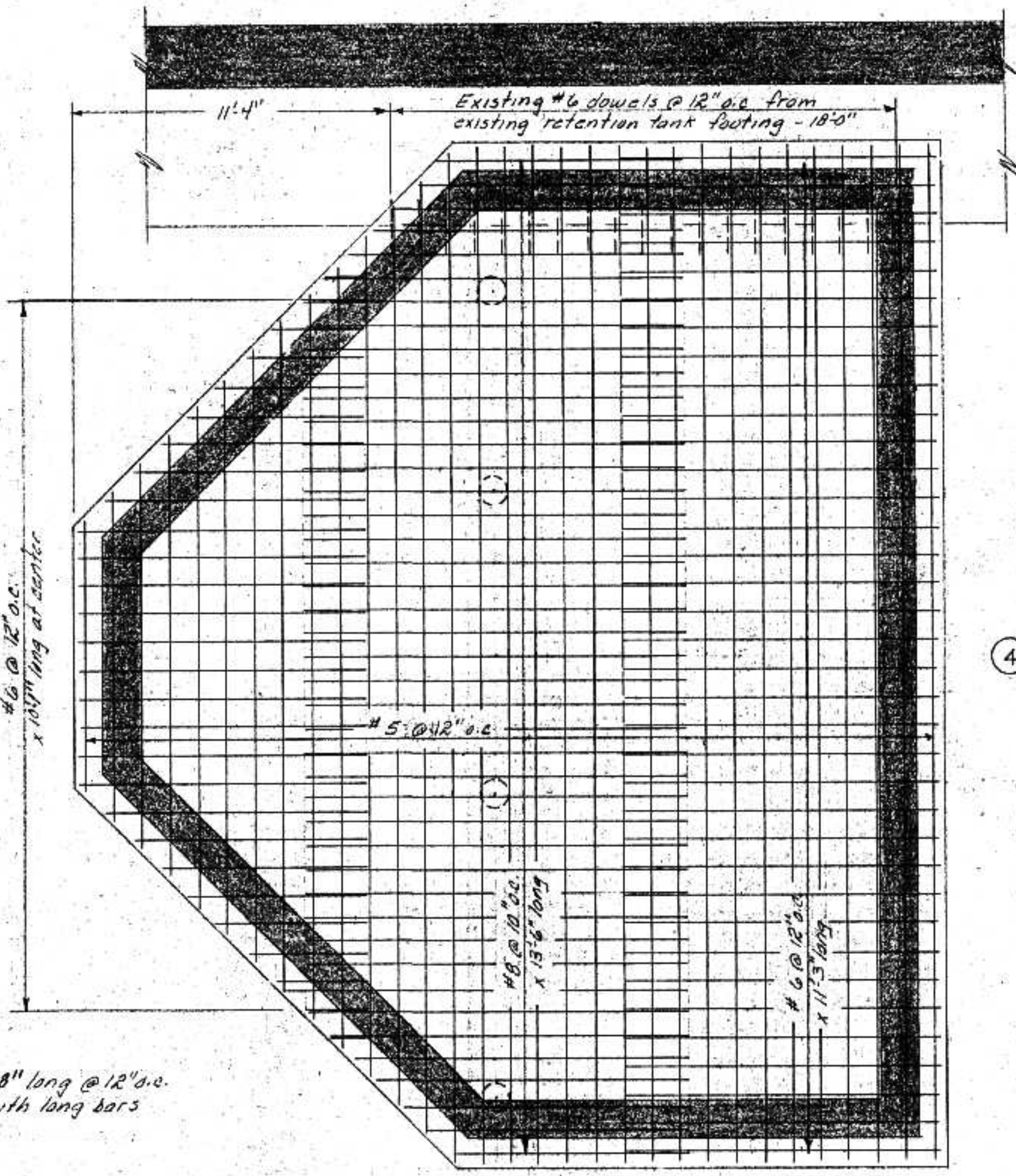
NOTE:
See sheet 39 for pile location
for wet well bottom slab.

TIMBER PILE SCHEDULE

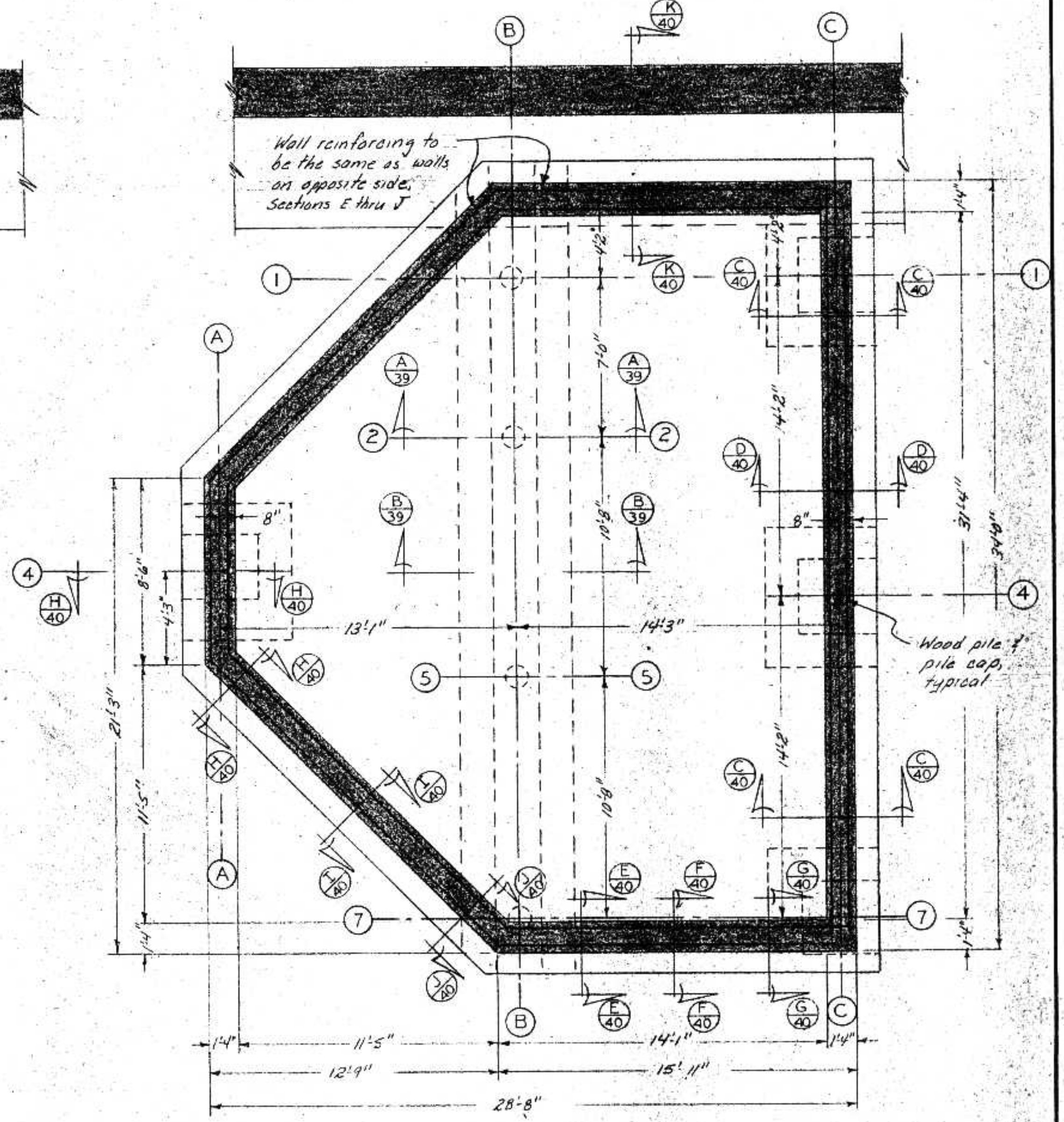
PILE No.	CUT OFF ELEV.	LENGTH	DRIVEN LENGTH
A-4	589.17	25	
B-1	589.17	25	
B-2	589.17	25	
B-5	589.17	25	
B-7	589.17	25	
C-1	589.17	25	
C-4	589.17	25	
C-7	589.17	25	
D-3	601.25	36.25	
D-6	601.25	36.25	
D-7	601.25	36.25	
E-3	602.25	37.25	
E-7	603.75	38.75	
F-1	594.25	29.25	
F-3	594.25	29.25	
F-7	603.25	38.75	
G-1	594.25	29.25	
G-3	594.25	29.25	
G-6	603.25	38.75	
G-7	603.25	38.75	
H-8	607.92	40	
I-8	607.92	40	
J-8	607.92	40	



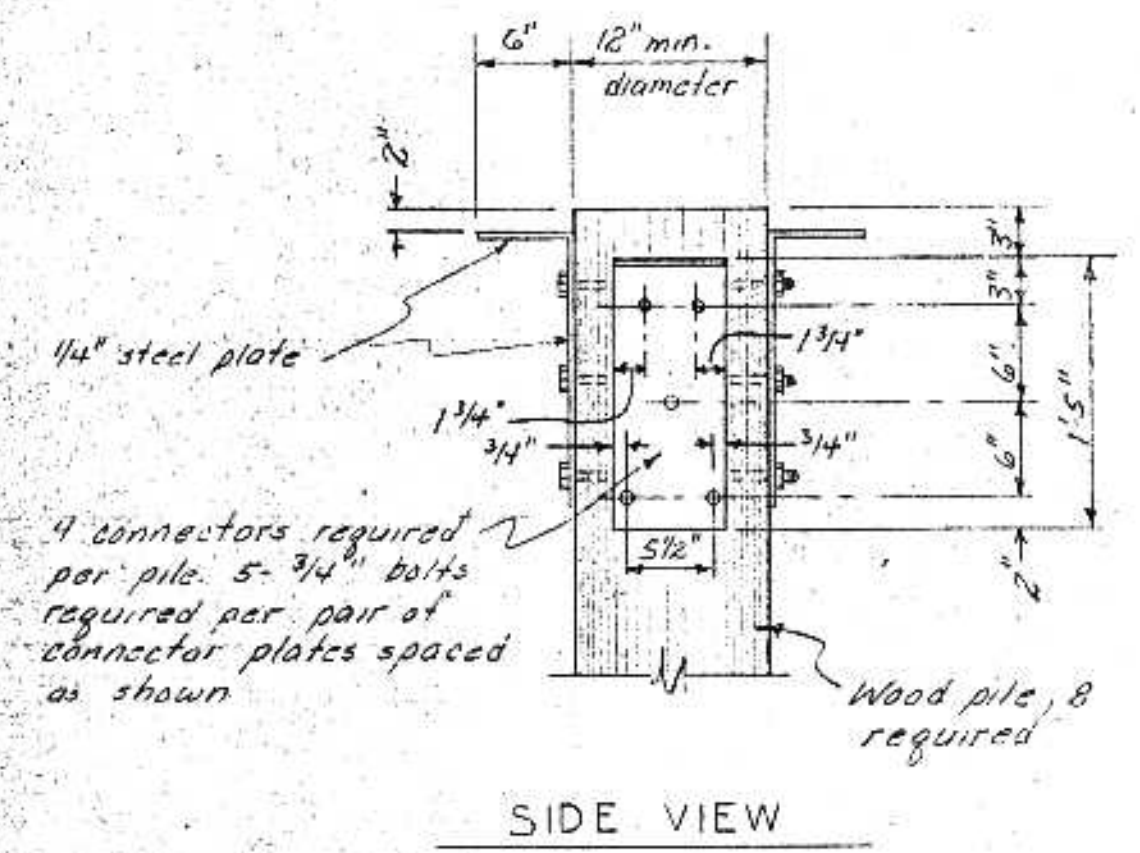
WET WELL SLAB TOP STEEL Scale 1/4" = 1'-0"



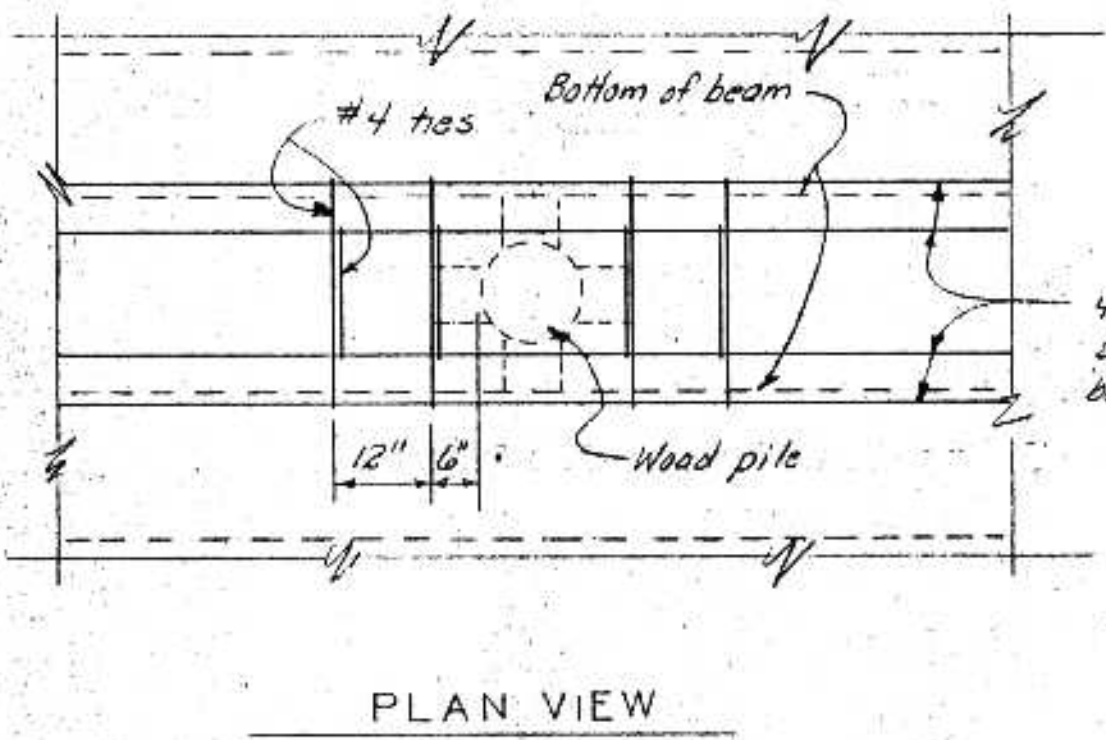
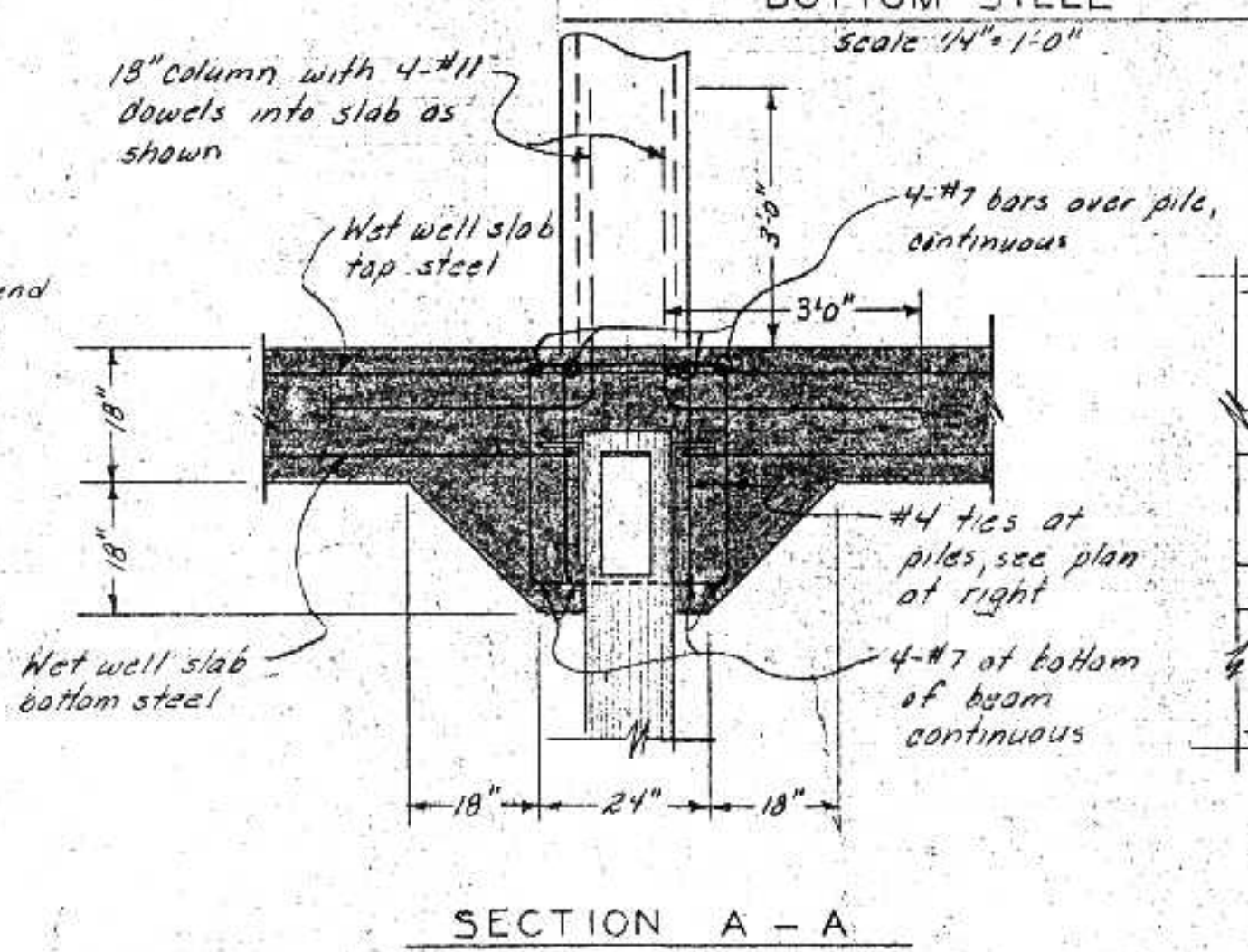
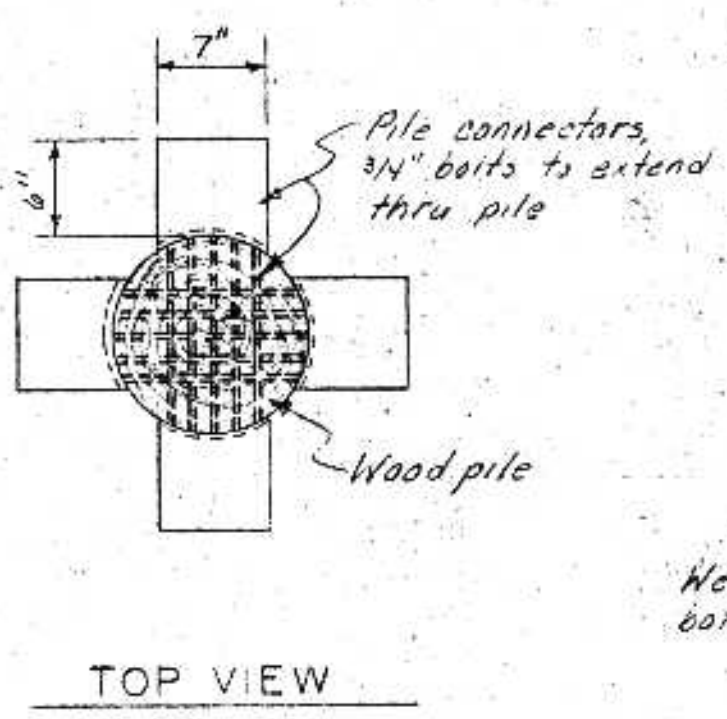
WET WELL SLAB BOTTOM STEEL Scale 1/4" = 1'-0"



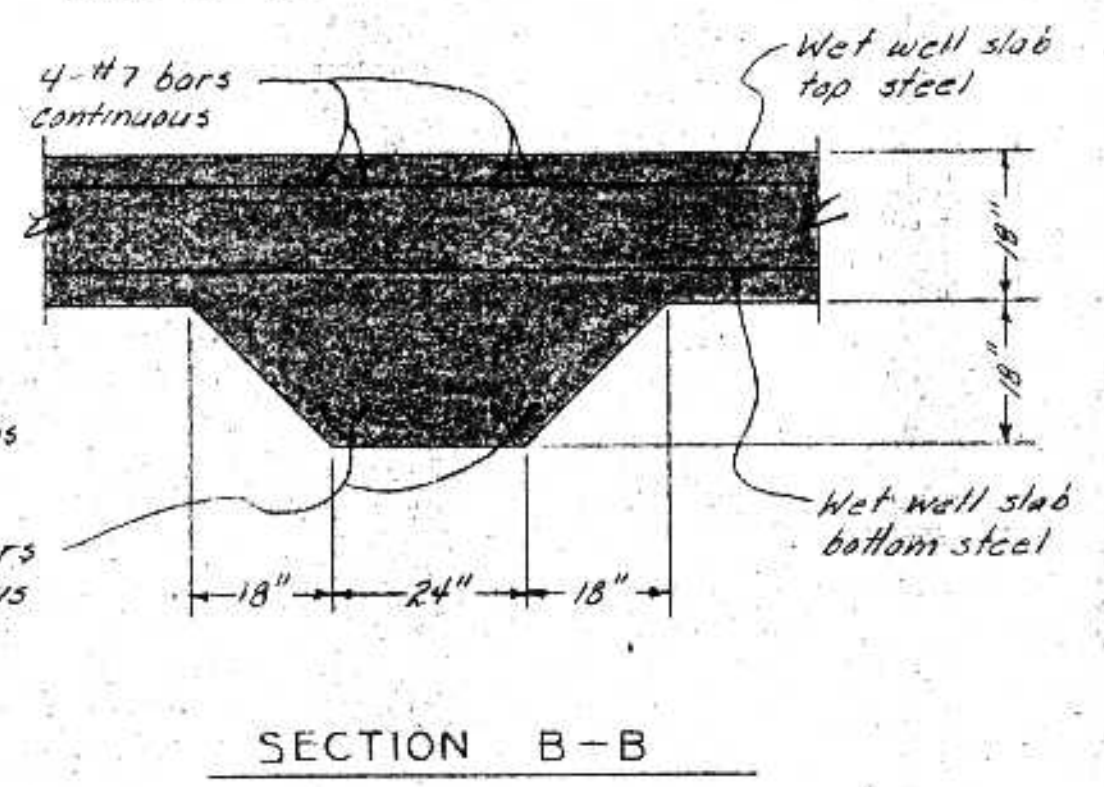
WET WELL SLAB PILING LOCATION Scale 1/4" = 1'-0"



PILE CONNECTOR DETAIL Scale 1" = 1'-0"



CONCRETE BEAM DETAILS Scale 1/2" = 1'-0"



I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF WISCONSIN.

DATE: JUNE 14, 1975

SURVEY
DRAWN
DESIGN
APPROVED

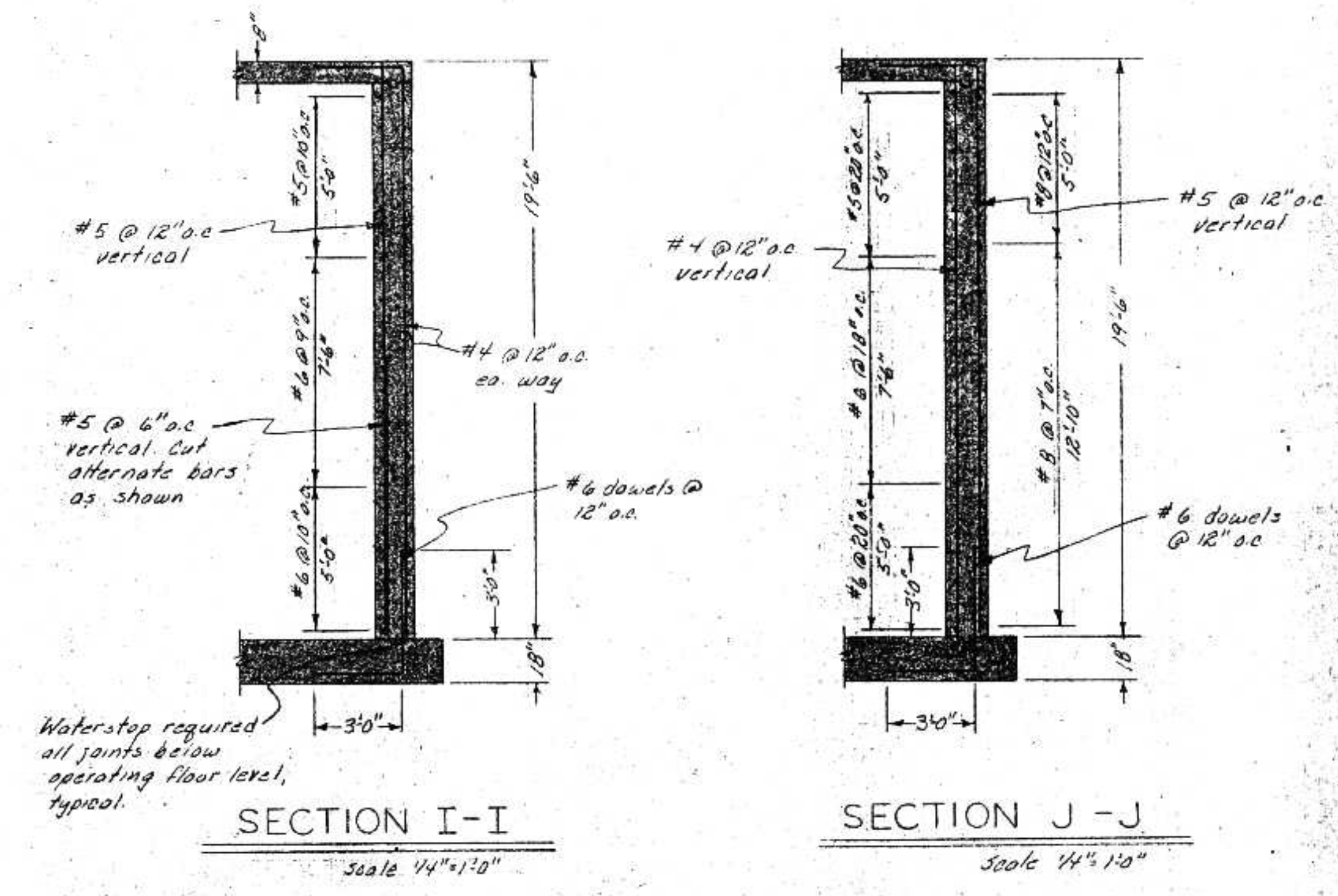
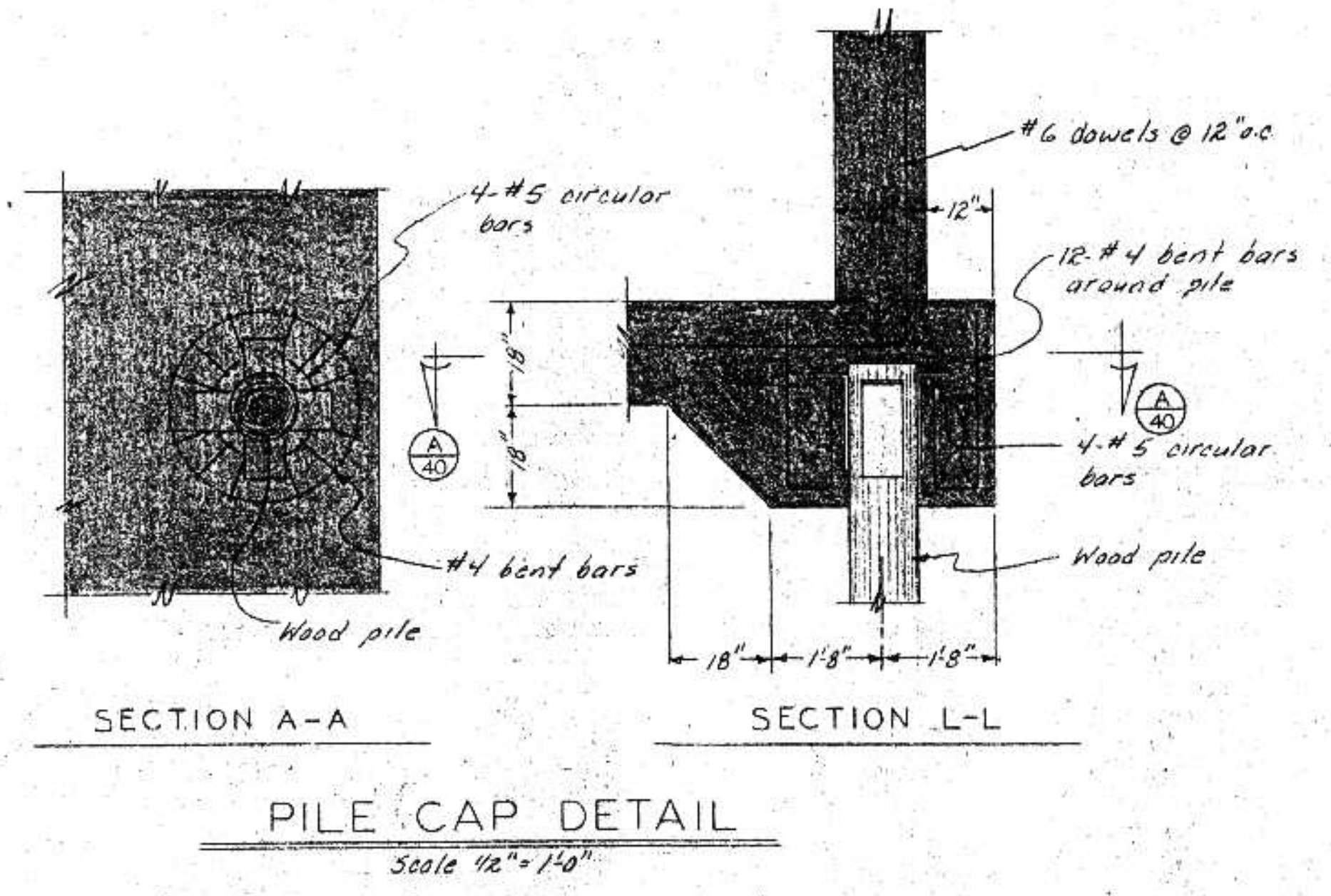
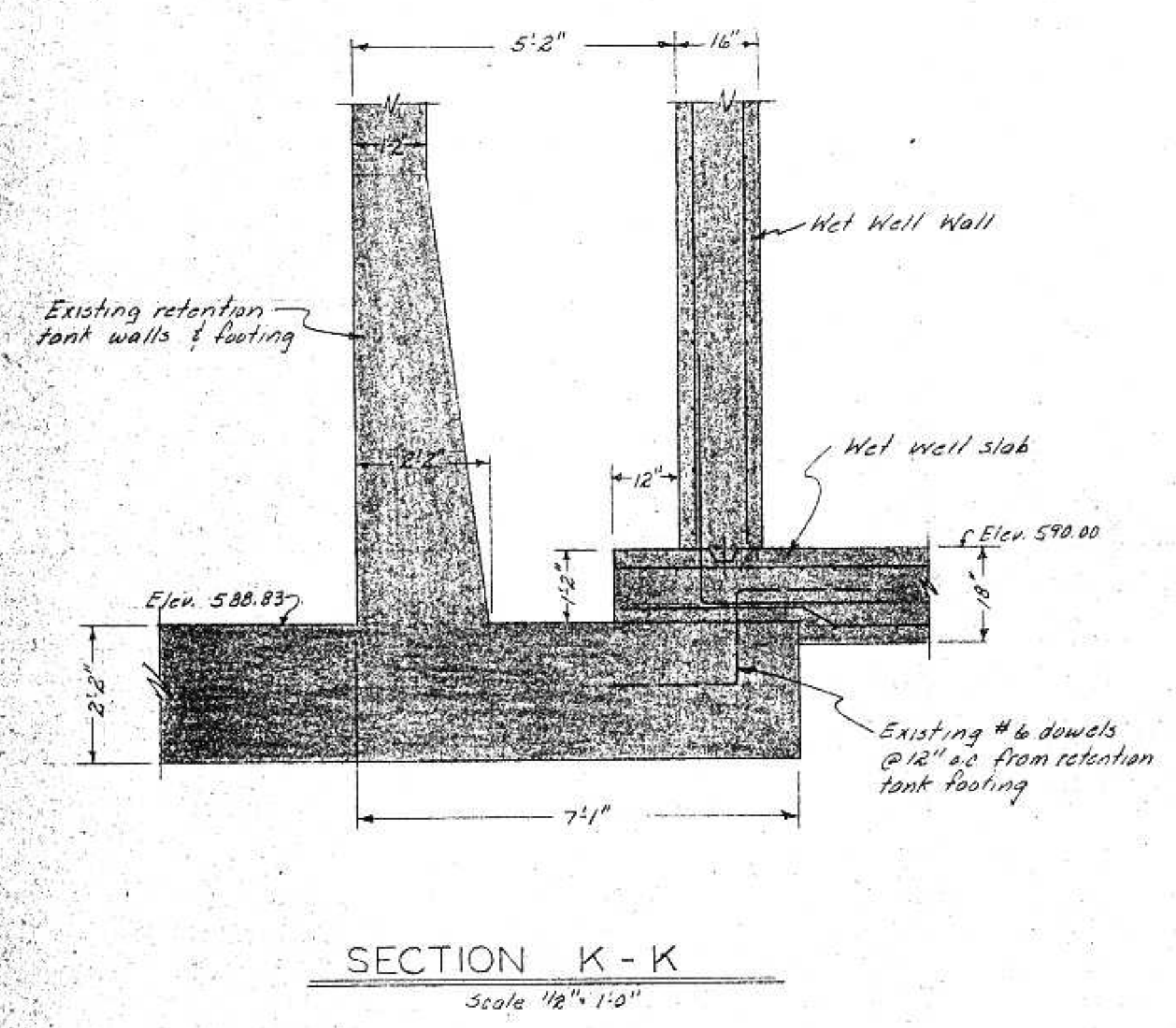
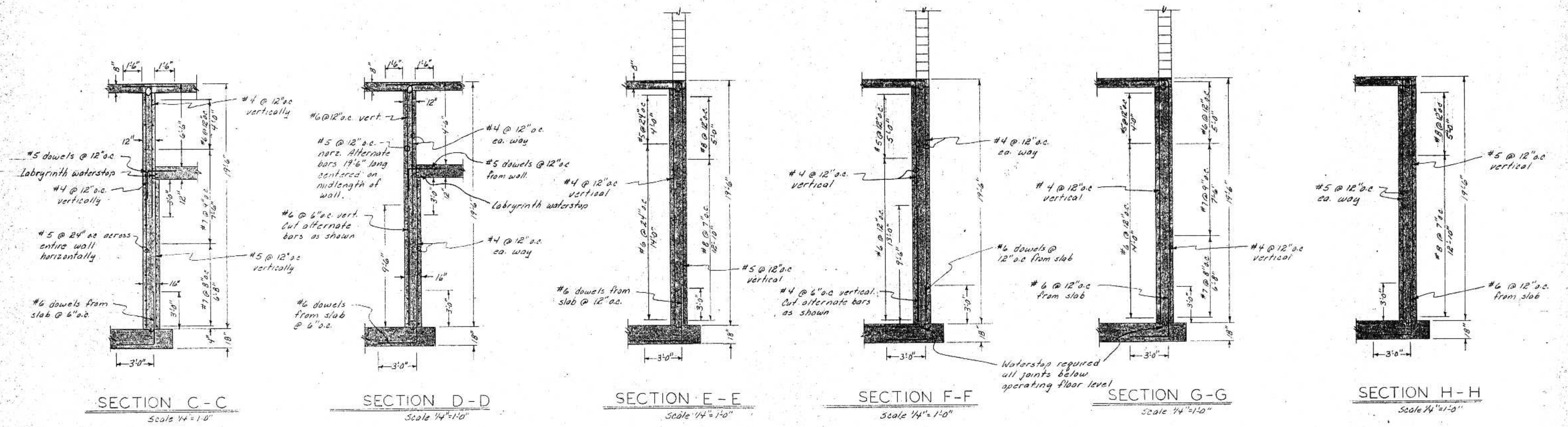
REVISIONS

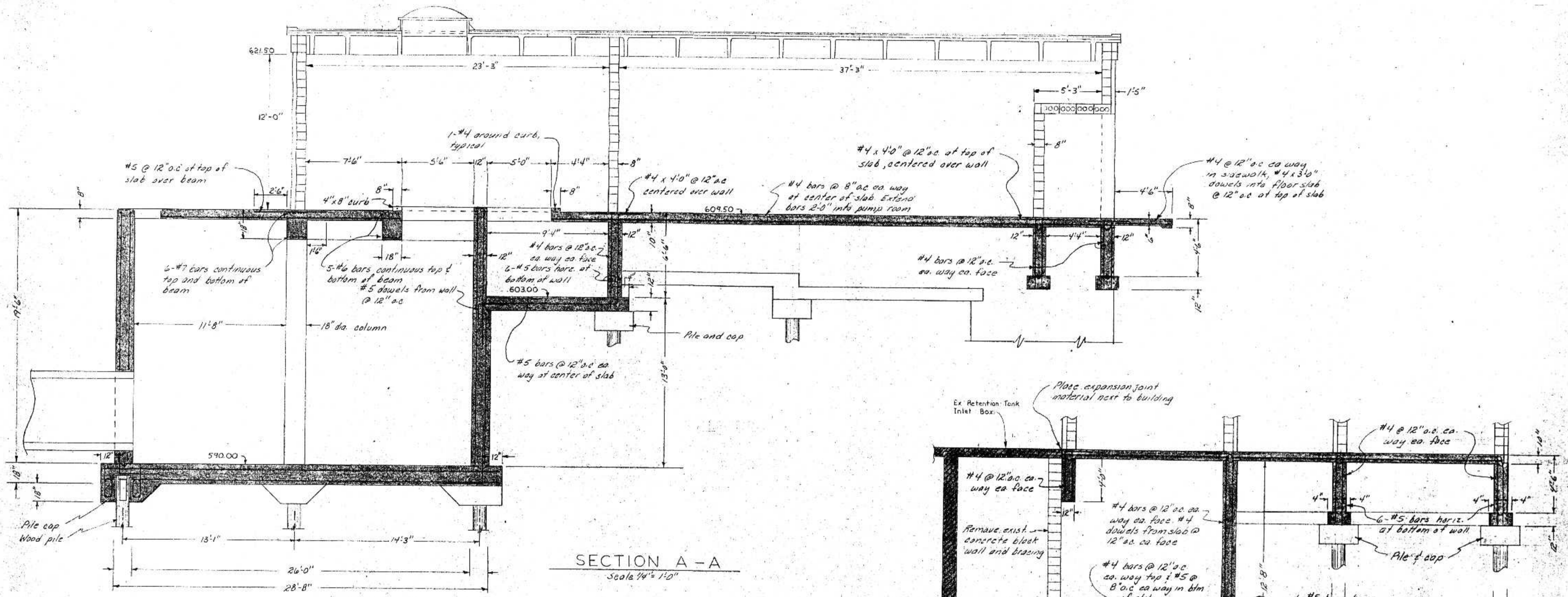
BONESTROO, ROSENE, ANDERLIK & ASSOC., INC.
ST. PAUL, MINNESOTA

SUPERIOR, WISCONSIN
DATE: JUNE 14, 1975
COMM 6888F

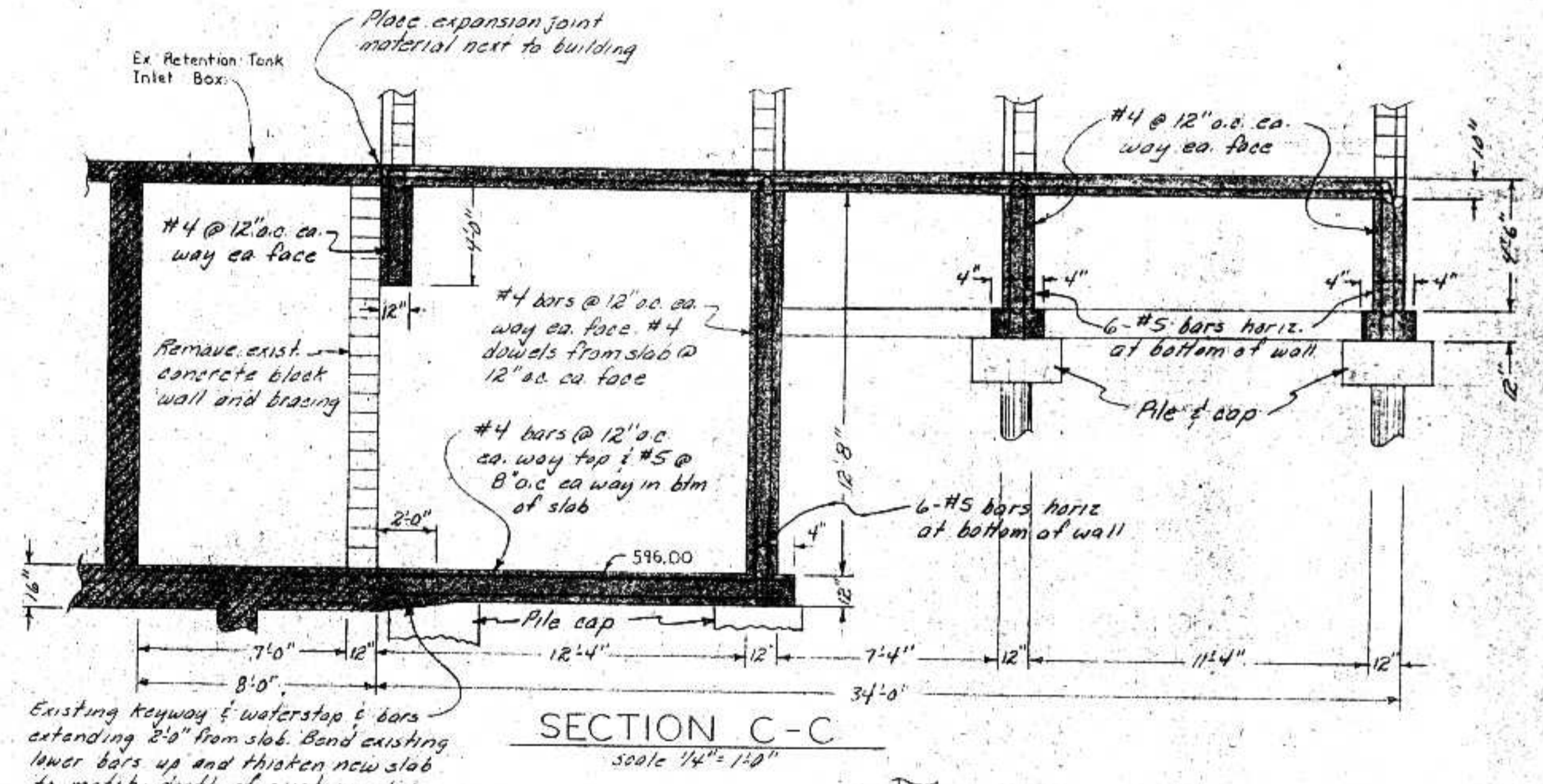
PUMP & BLOWER BUILDING
C.S.O. PLANT - DISTRICT 2
WET WELL FLOOR STRUCTURAL

SHEET
39
53

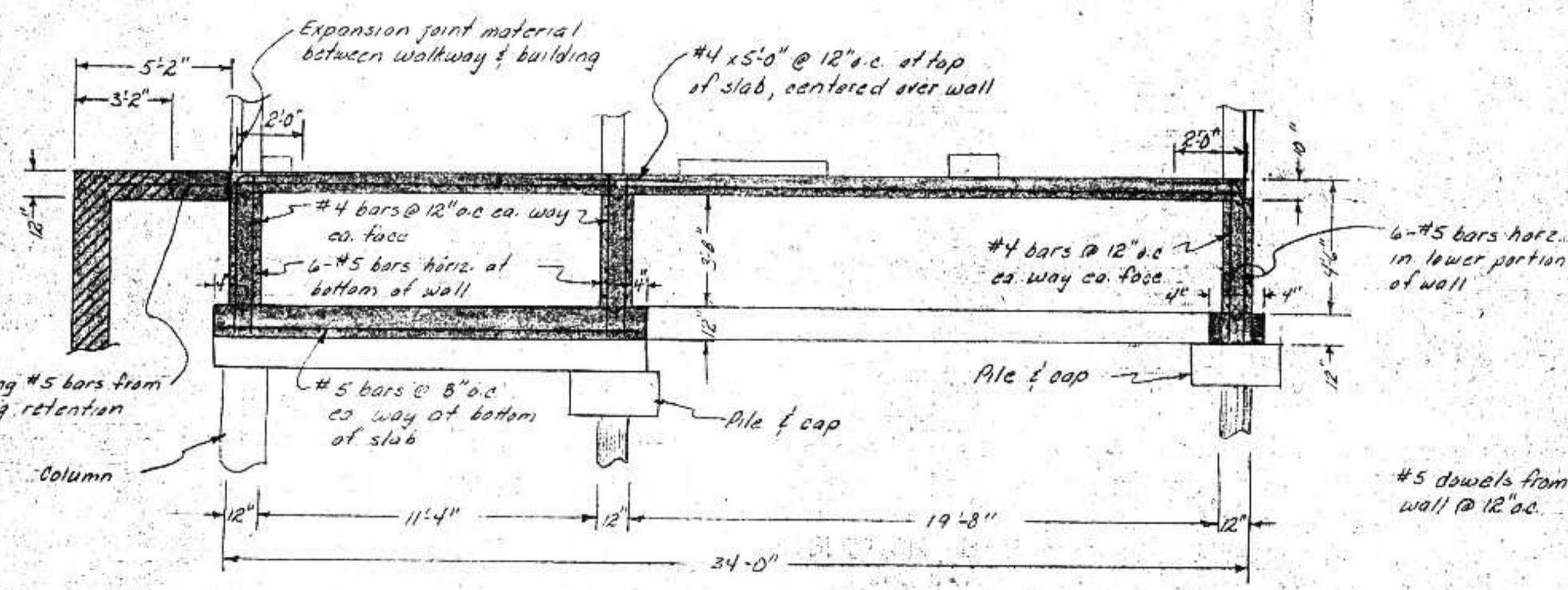




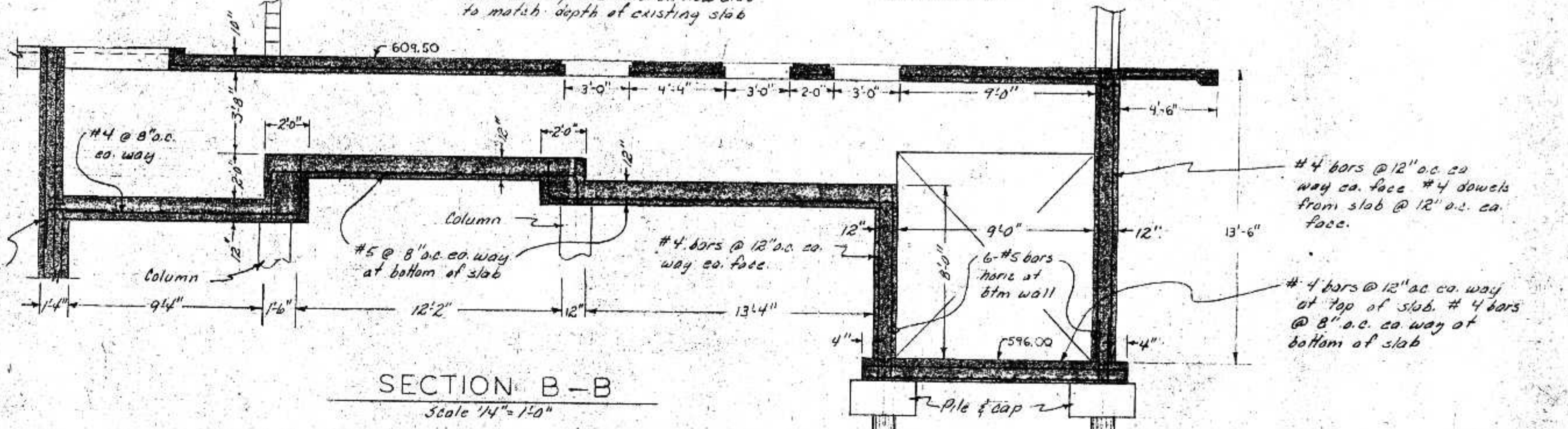
SECTION A-A
Scale 1/4" = 1'-0"



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



SECTION D-D
Scale 1/2" = 1'-0"



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

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF WISCONSIN.
DATE FEB. 5, 1975 REG. NO. E12919

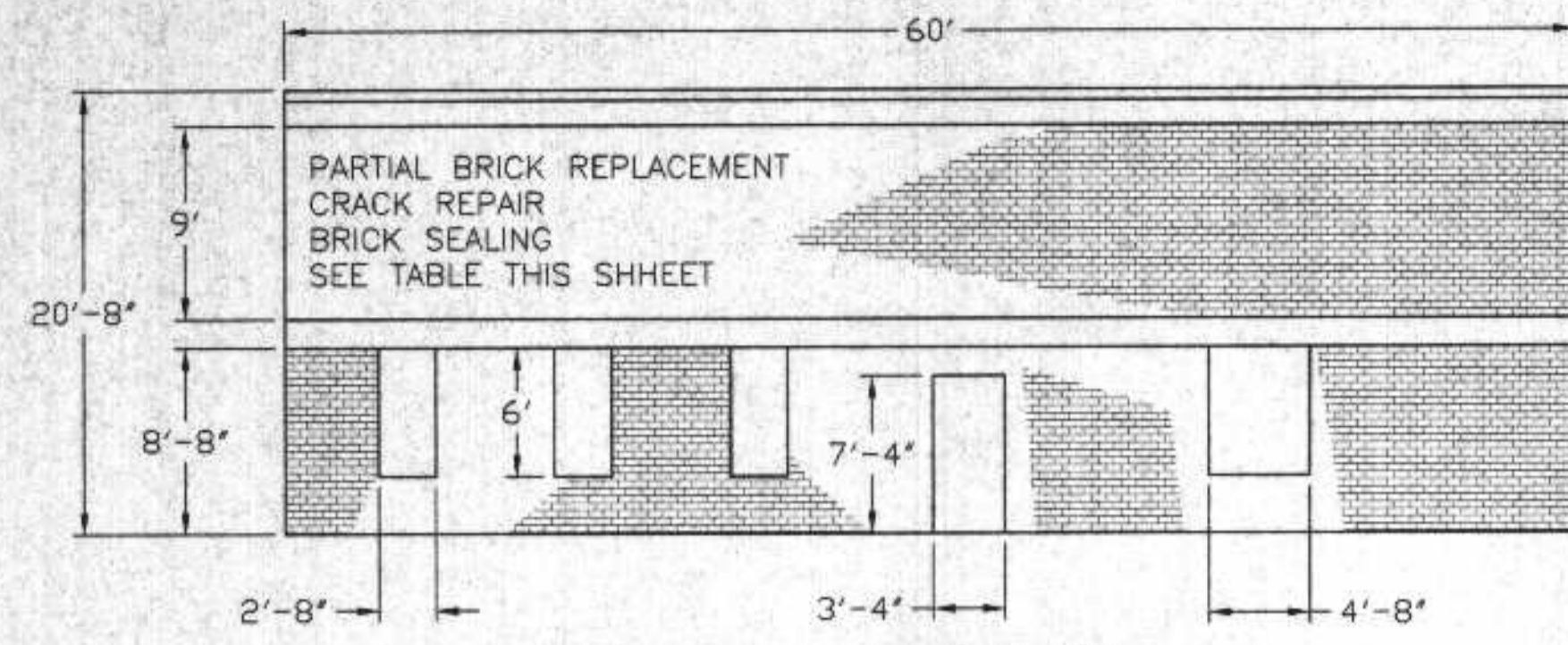
SURVEY
DRAWN
DESIGN
APPROVED

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

SUPERIOR, WISCONSIN
DATE: JAN 3, 1975 COMM 6888 F

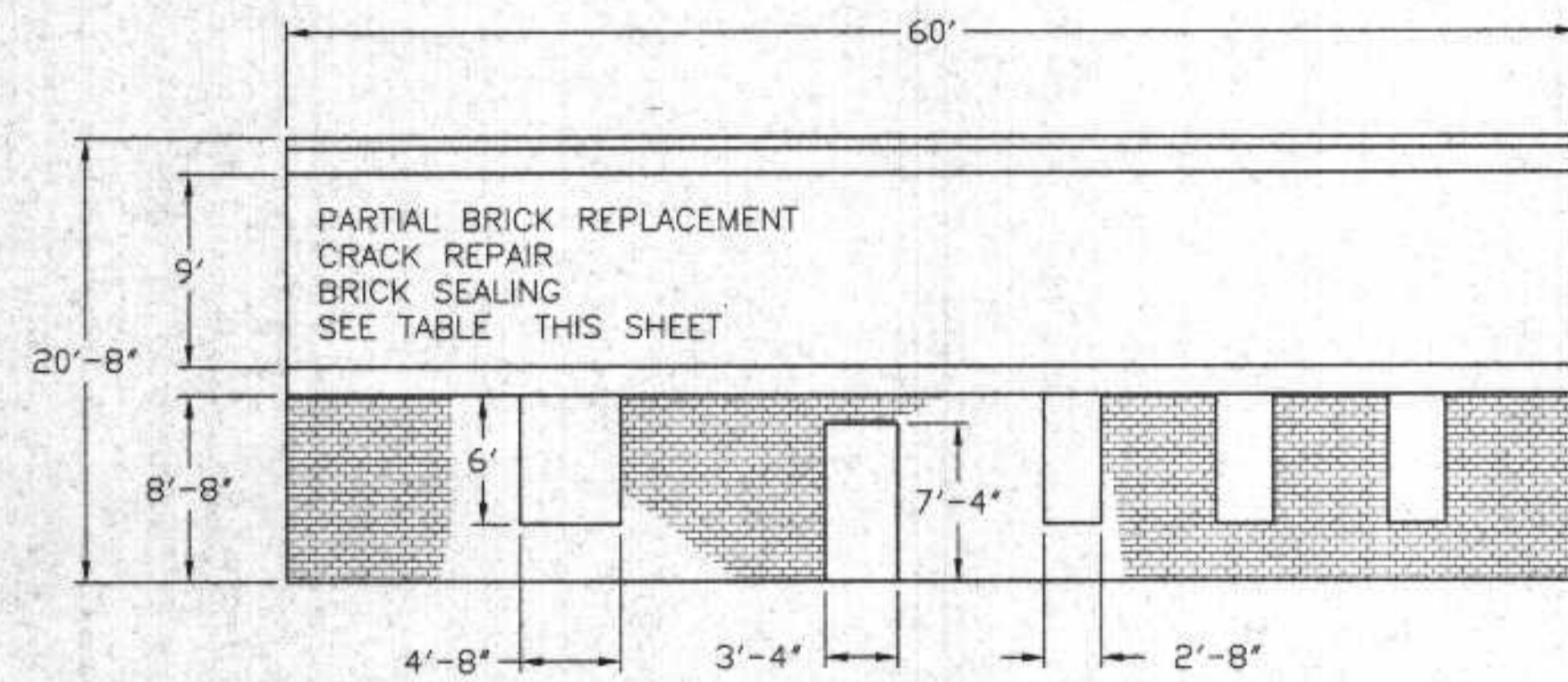
PUMP & BLOWER BUILDING
C. S. Q. PLANT - DISTRICT 2
STRUCTURAL

CS02 SCREEN BUILDING



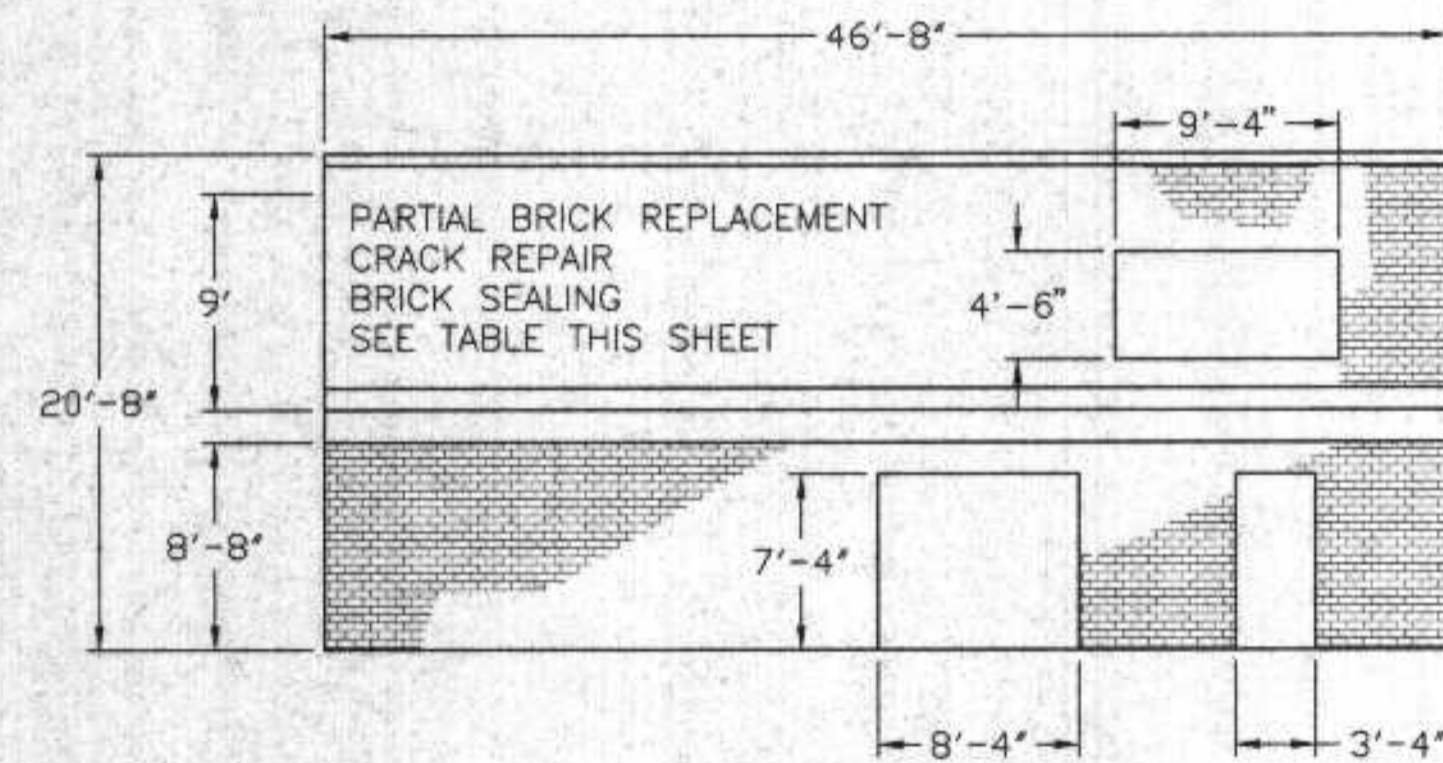
SOUTH ELEVATION

SCALE 1/8" = 1'



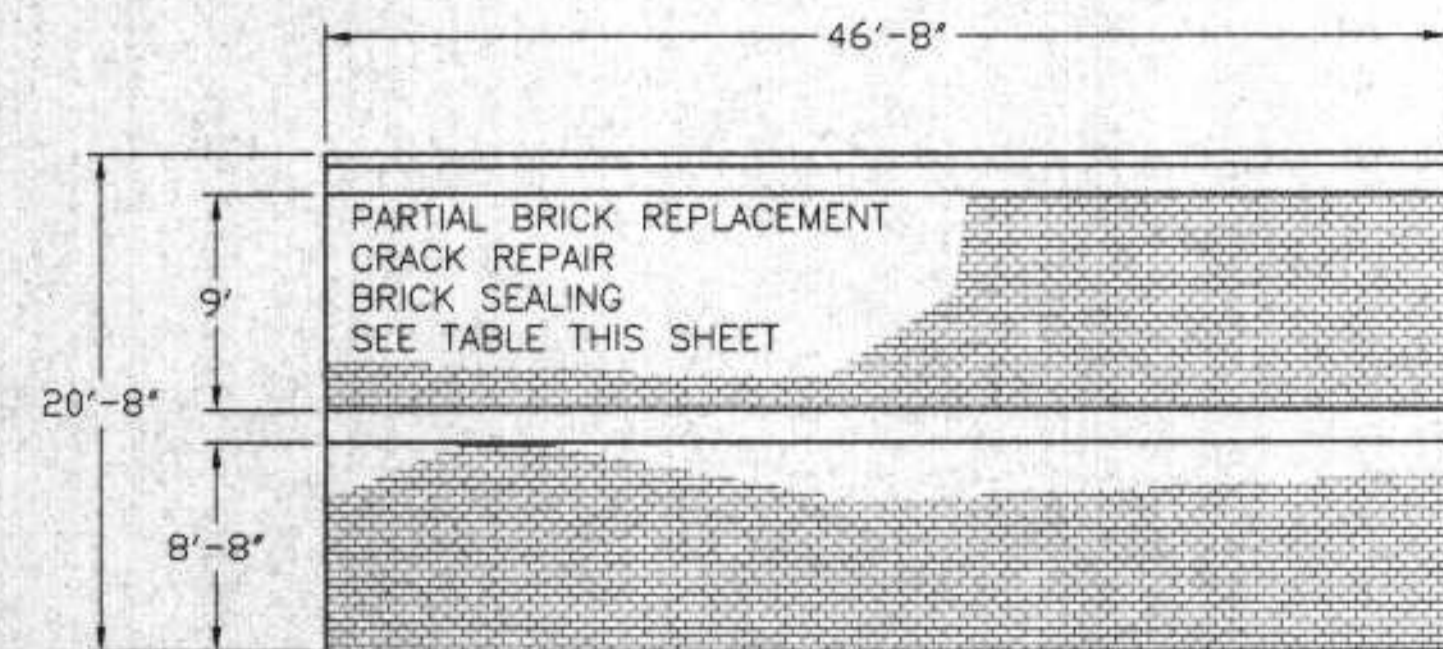
NORTH ELEVATION

SCALE 1/8" = 1'



EAST ELEVATION

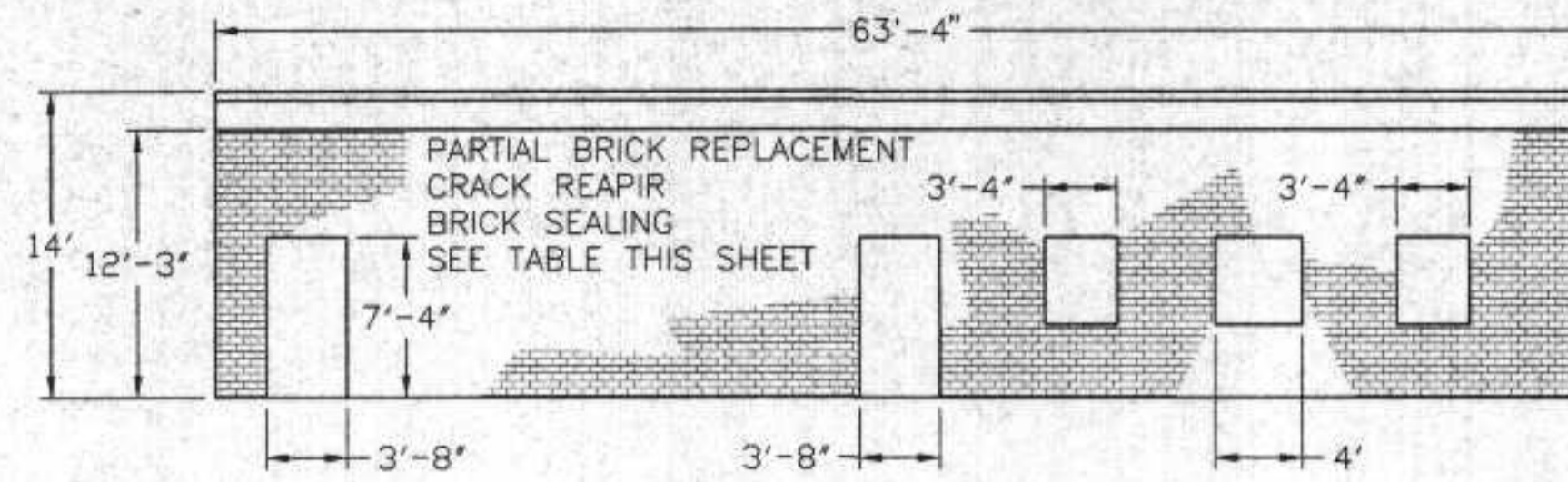
SCALE 1/8" = 1'



WEST ELEVATION

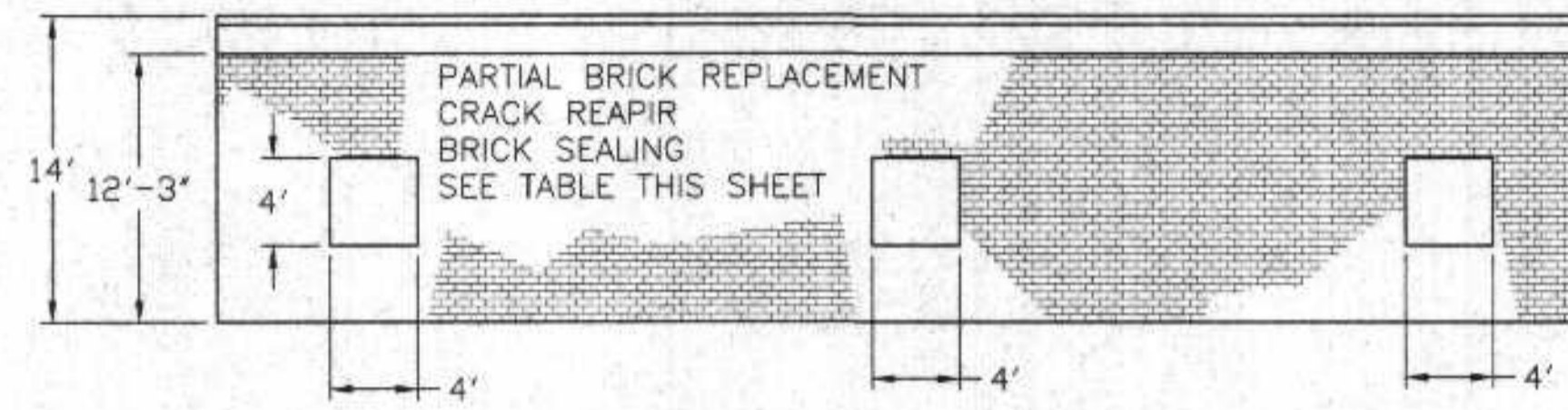
SCALE 1/8" = 1'

CS02 PUMP AND BLOWER BUILDING



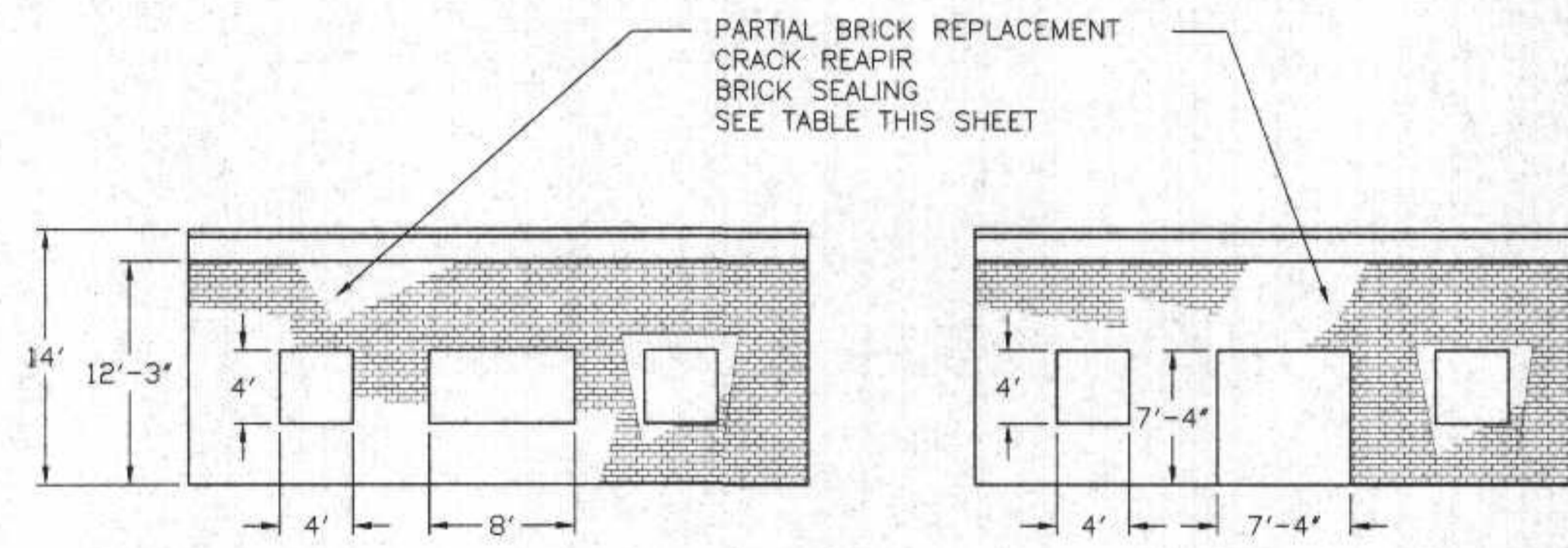
WEST ELEVATION

SCALE 1/8" = 1'



EAST ELEVATION

SCALE 1/8" = 1'



NORTH ELEVATION

SCALE 1/8" = 1'

SOUTH ELEVATION

SCALE 1/8" = 1'

NOTES:

1. CRACK REPAIR - RETAIR OF CRACKS IN CONCRTE USING EPOXY INJECTION.
2. TUCK POINTING- REPAIR OF MORTAR BETWEEN BRICKS USING EPOXY MORTAR.
3. BRICK AREA IN SQ. FT. INCLUDES MORTAR BETWEEN BRICKS.

Building	Total Brick Area - ft ²	Brick Replacement Number (ft ²)	Tuck Pointing Linear Feet	Crack Repair Linear Feet
CS02 Screen BLDG.	3500	1,500 (210 ft ²)	4,000	
CS02 Pump BLDG.	2100	500 (70 ft ²)	1,000	
TOTAL	5,600 ft ²	2,000 (280 ft ²)	5,000	

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME, OR UNDER MY DIRECT SUPERVISION, AND I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF WISCONSIN.
Richard W. Anthony
DATE: 6/4/98 REG. NO.: 25488

REVISIONS		MASONRY RENOVATION	
		CS02 SCREEN & PUMP BUILDINGS	
DESIGNED BY	RMA	SCALE	AS NOTED
DRAWN BY	DS	DATE	
CHECKED BY		RMA ENGINEERING COMPANY	
APPROVED BY		CONSULTING ENGINEERS	
		SHEET 4 of 8	