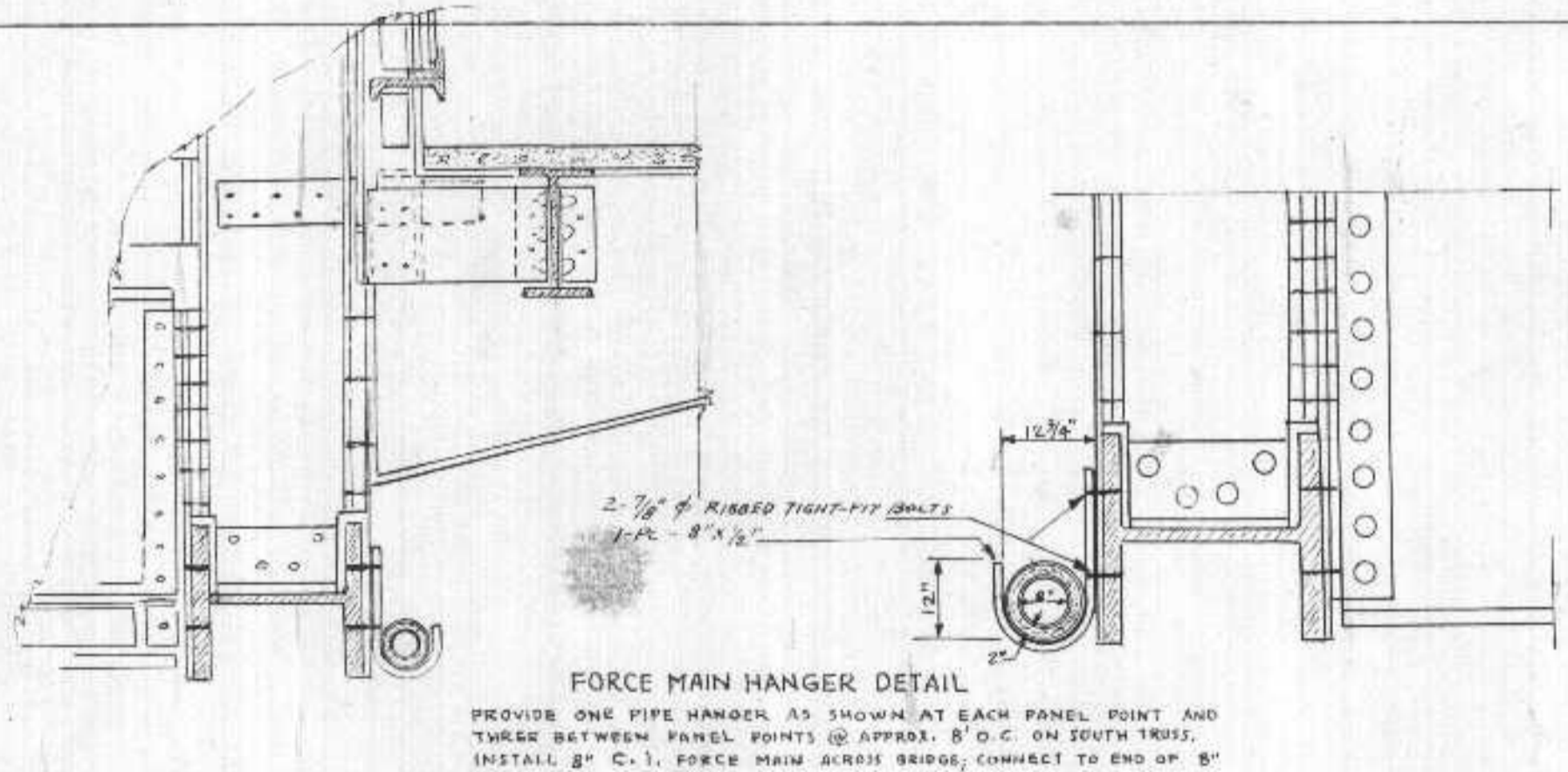
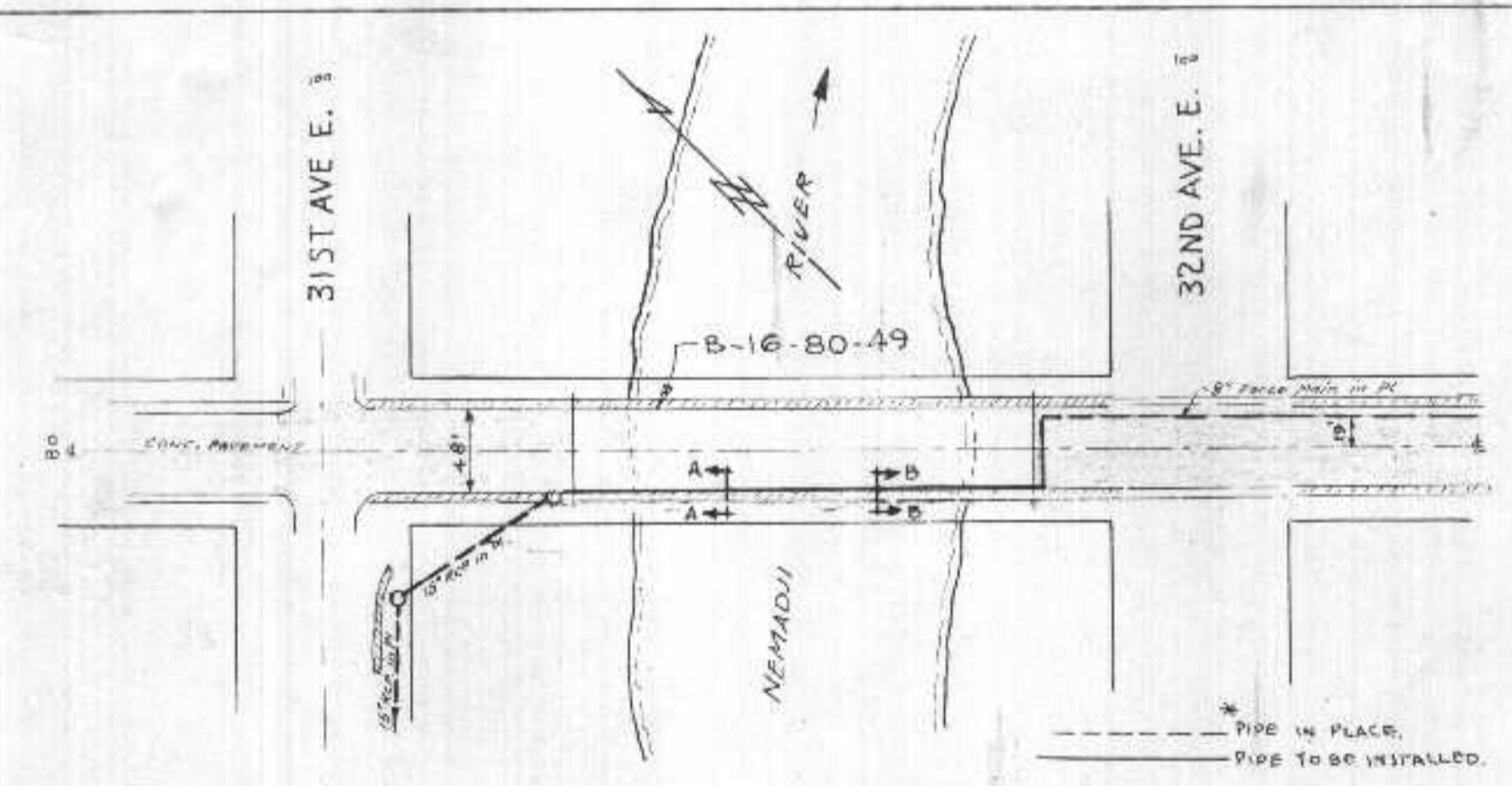
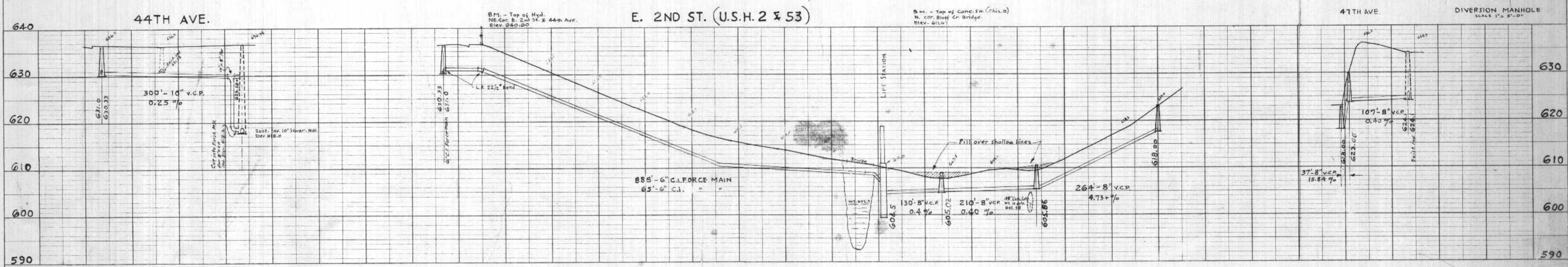
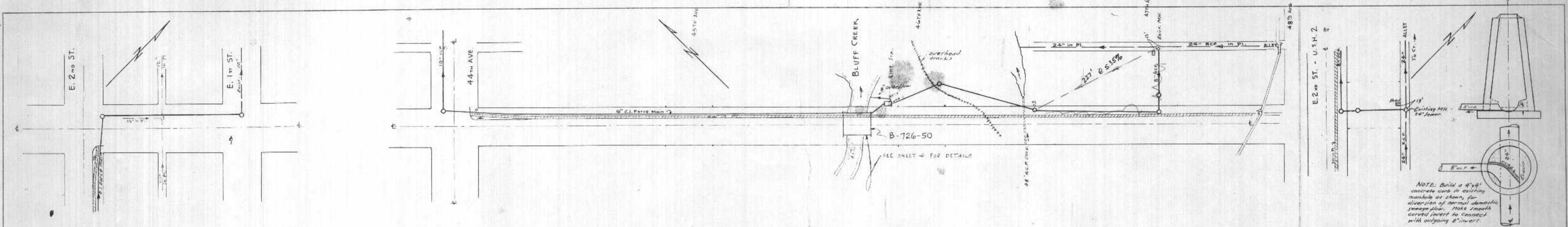


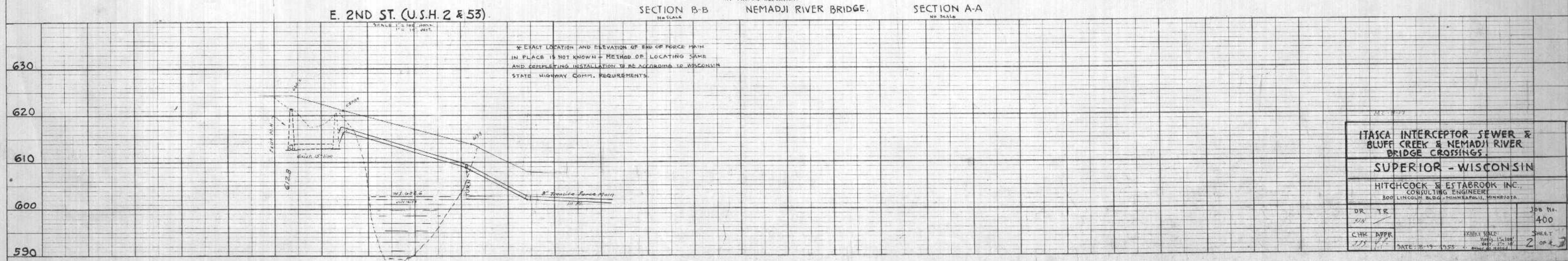
DATE: 7/1/55  
 BY: J.L.N.  
 CHECKED: J.L.N.  
 NO. 1752

DATE: 7/1/55  
 BY: J.L.N.  
 CHECKED: J.L.N.  
 NO. 1752



DEPARTMENT OF HEALTH, EDUCATION AND WELFARE  
 DIVISION OF ENVIRONMENTAL SANITATION  
 This project is approved in connection with  
 the State Sanitary Engineer's license  
 and is hereby authorized.  
 (Regional Engineer)  
 Regina V. Chicago, Illinois

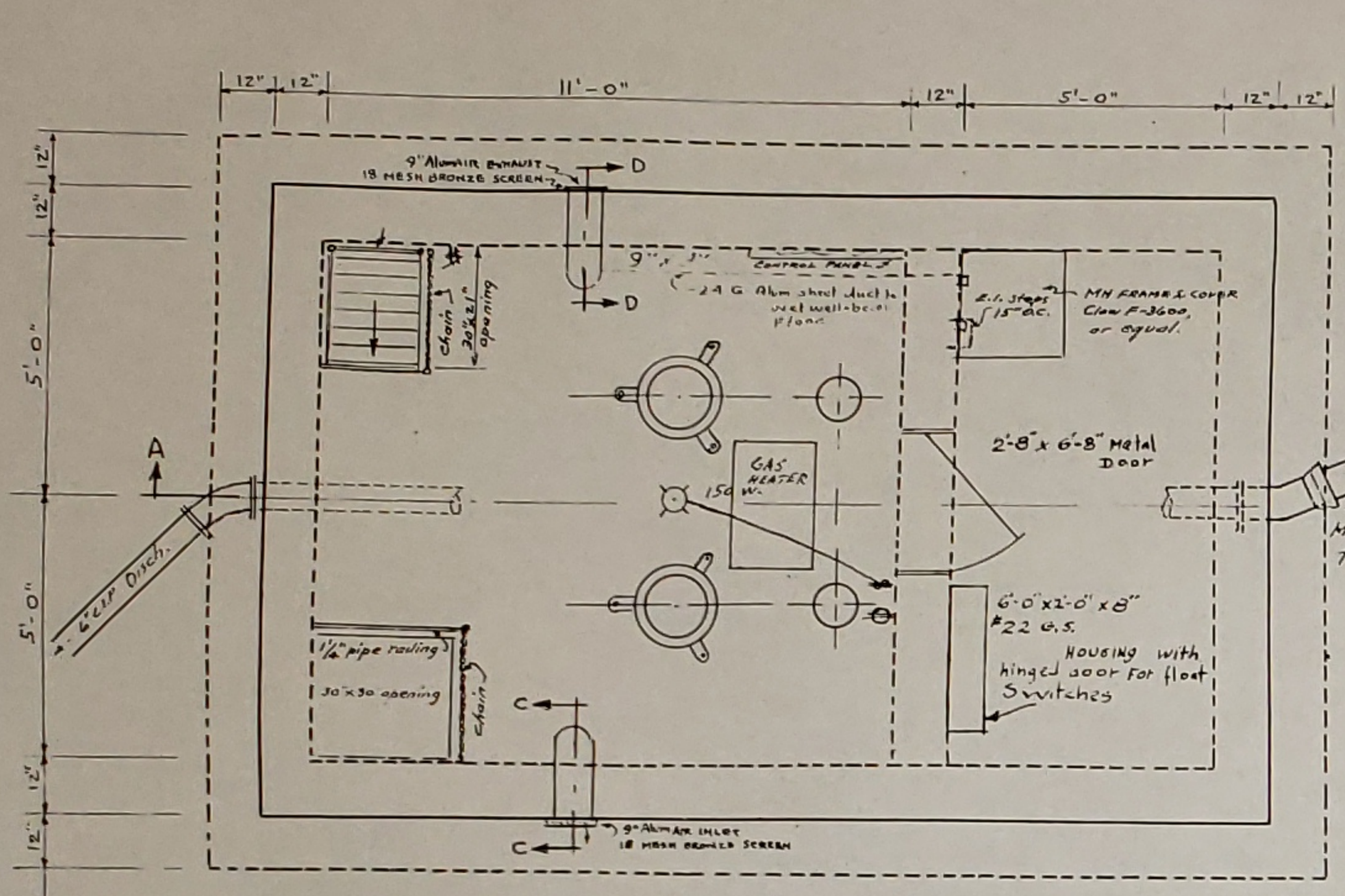
EXAMINED and reported upon by the Section on Environmental Sanitation  
 O. J. MUEGGE  
 State Sanitary Engineer  
 APPROVED by the State Board of Health, as required by Wisconsin Statutes, subject to conditions set forth in the letter of approval  
 JUL 6 1956  
 CARL N. NEUFERT, M. D.  
 State Health Officer  
 Verification: *[Signature]*



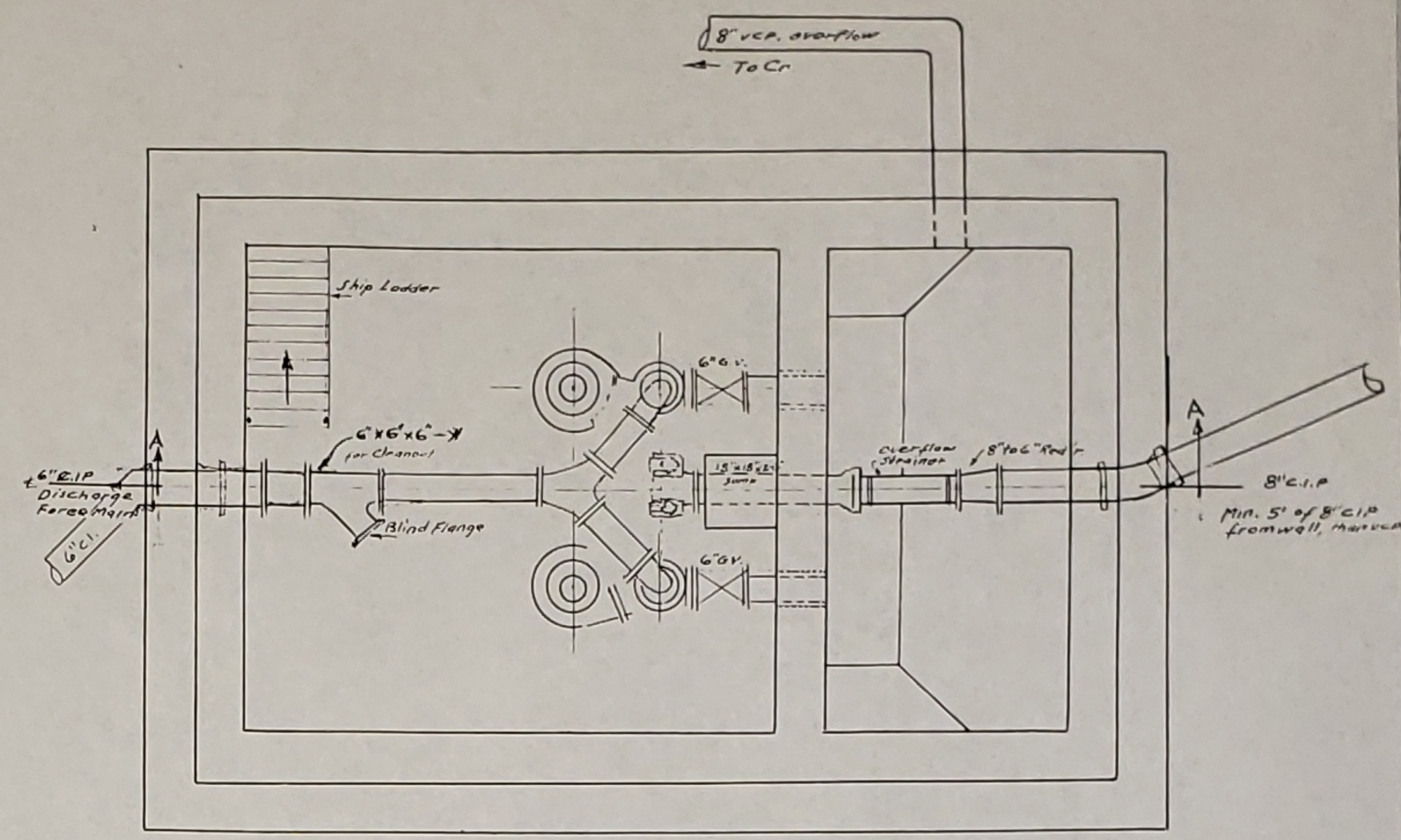
ITASCA INTERCEPTOR SEWER & BLUFF CREEK & NEMADJI RIVER BRIDGE CROSSINGS  
 SUPERIOR - WISCONSIN  
 HITCHCOCK & ESTABROOK INC.  
 CONSULTING ENGINEERS  
 300 LINCOLN BLDG - MINNEAPOLIS, MINNESOTA

DR	TR	JOB NO.
JLN		400
CHE	APP	SHEET
JLN		2 OF 2

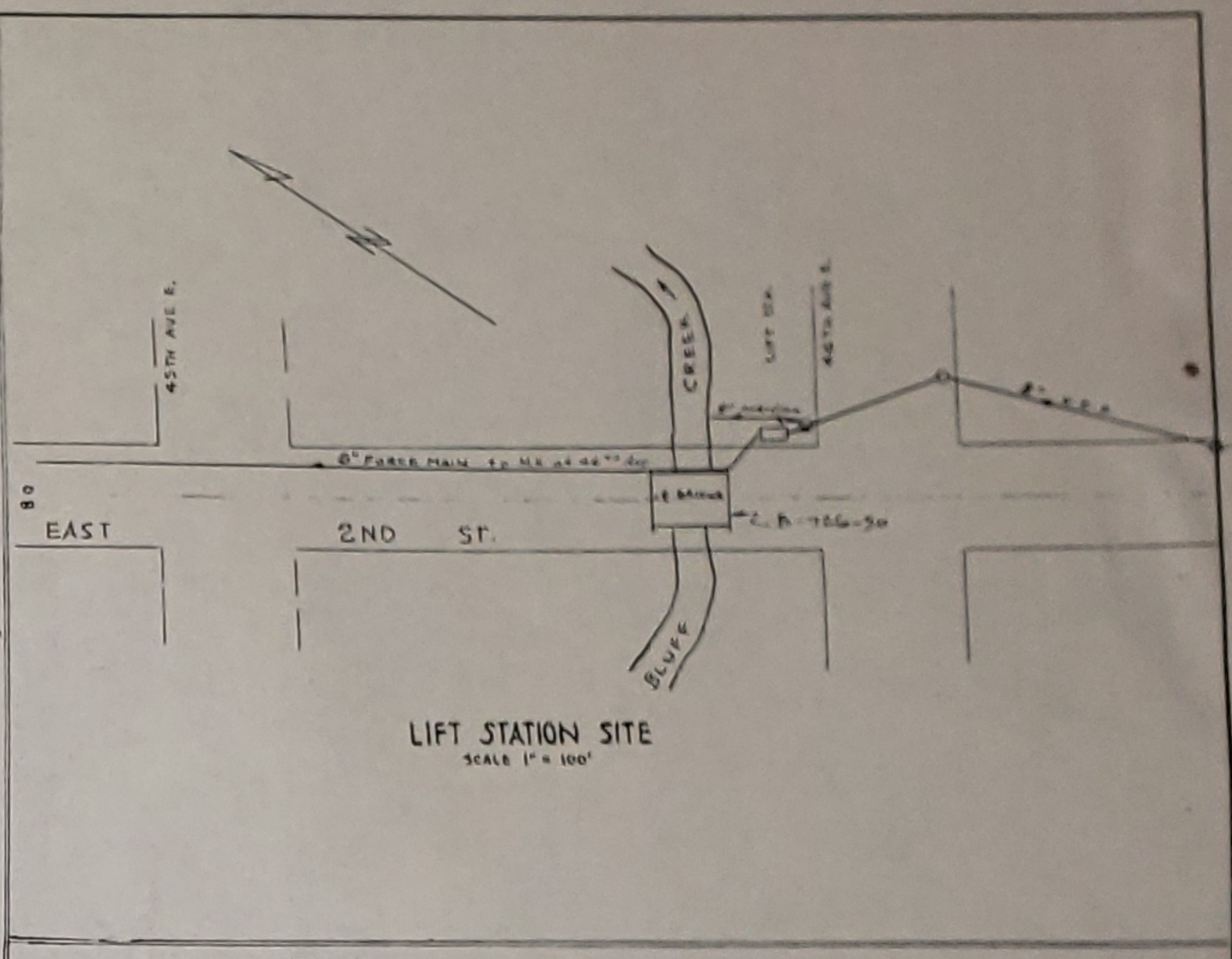
DATE: 10-19-1955  
 EUGENE DIETZEN



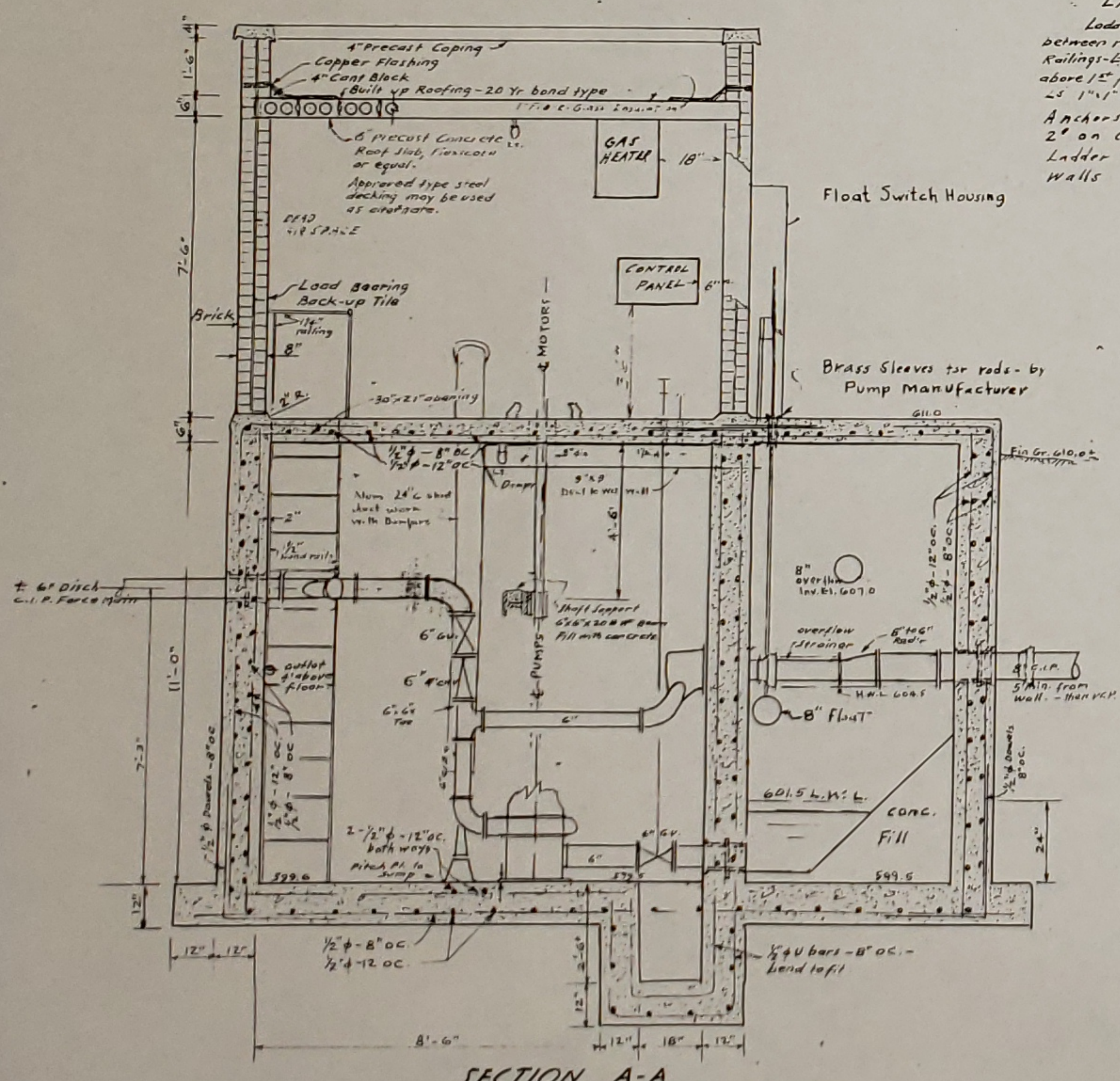
**MOTOR FLOOR PLAN**  
Elev. 611.0  
Scale 3/8" = 1'-0"



**PLAN**  
Elev. 599.5  
Scale 1/8" = 1'-0"



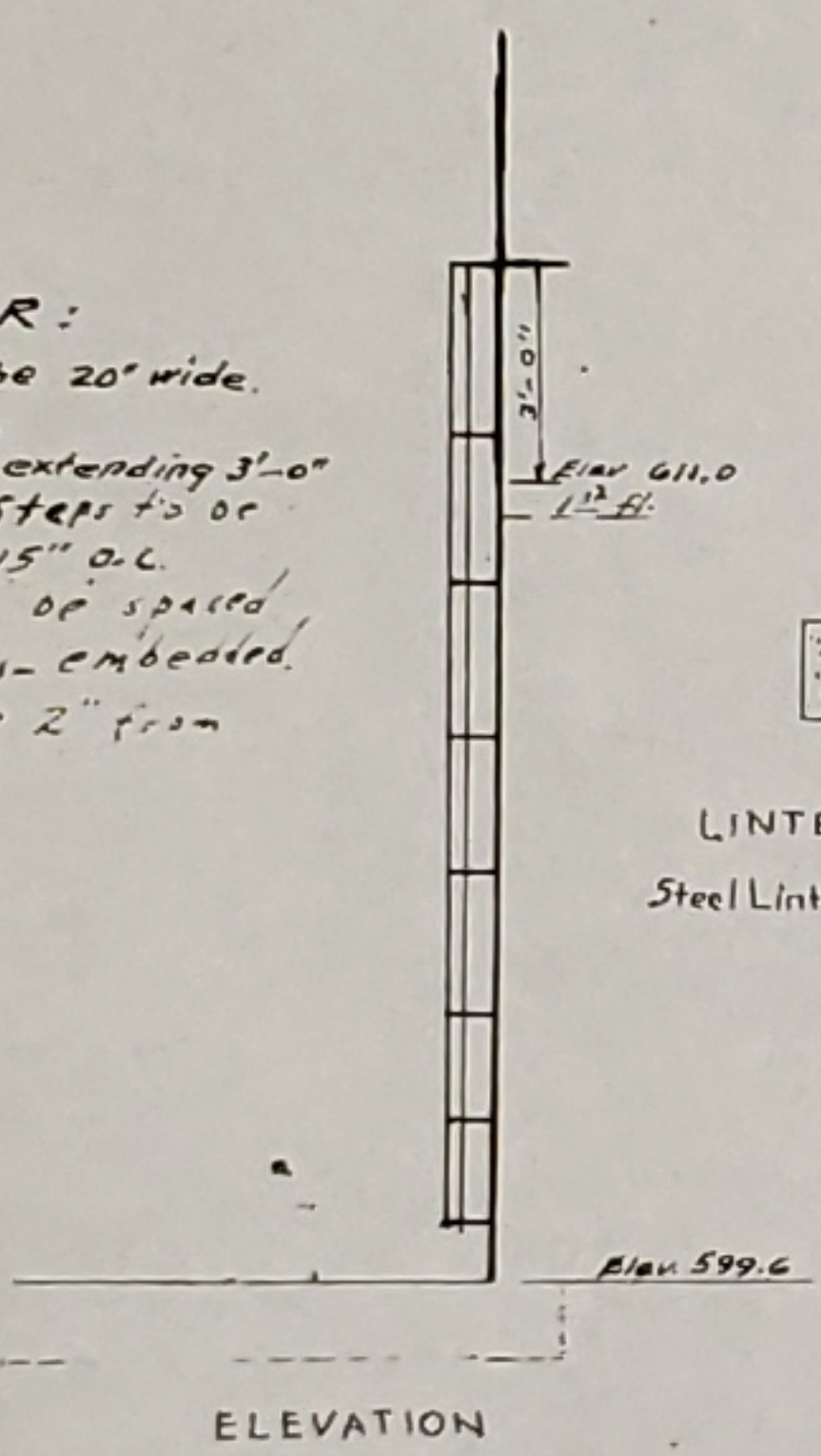
**LIFT STATION SITE**  
SCALE 1" = 100'



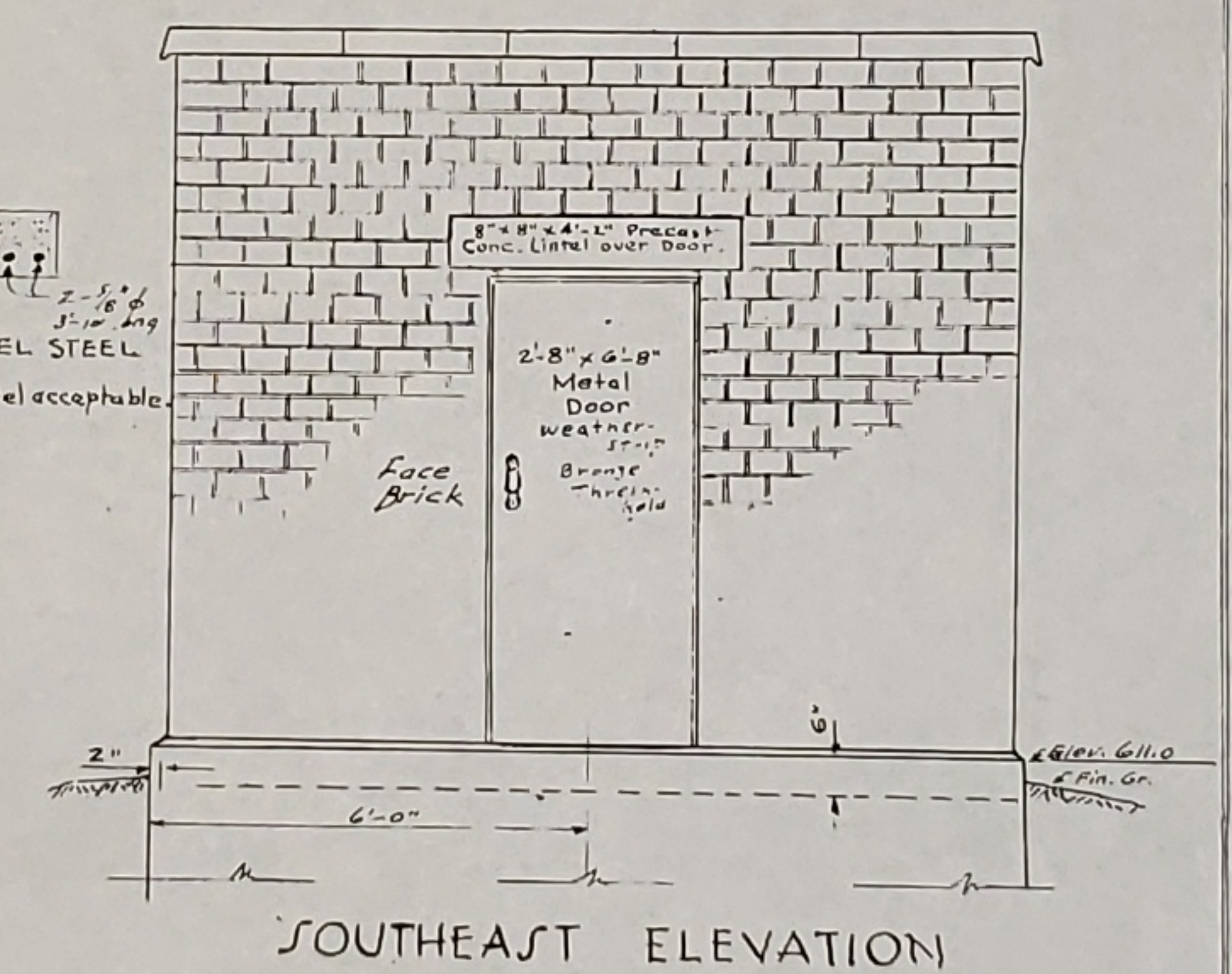
**SECTION A-A**

**PUMP PUMP**  
Purchase and install one Chicago Pump-Little Giant or equal. Use 1 1/2" discharge pipe to wet well with 1 1/2" check valve. Discharge to wet well of Elev. 608.0

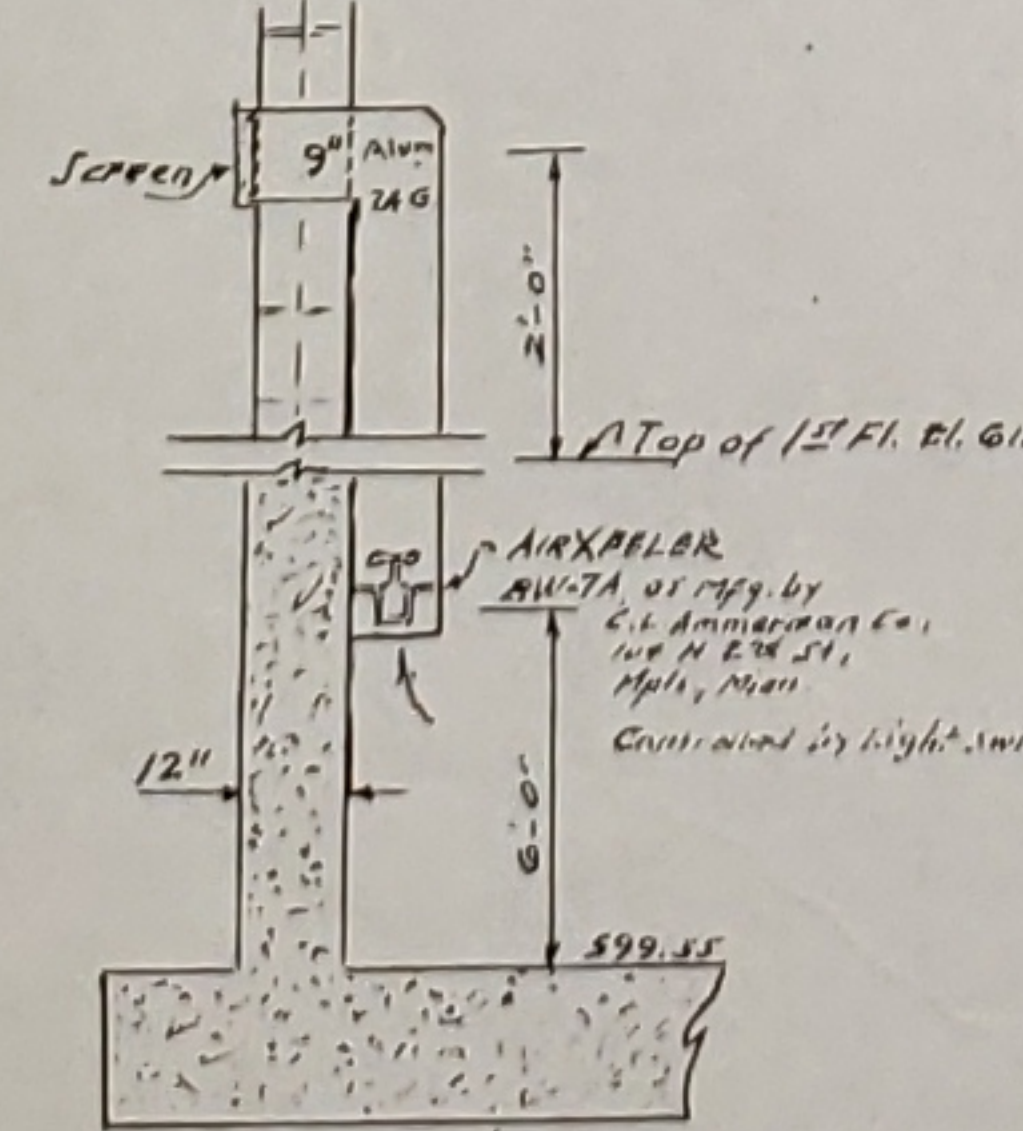
**LADDER:**  
Ladder to be 20' wide between railings. Railings-6" x 1 1/2" x 12' x 12' extending 3'-0" above 1st floor. Steps 7-0" or 2-1/4" x 12'-15" o.c. Rungs to be spaced 2' on center, embedded. Ladder to be 2" from walls.



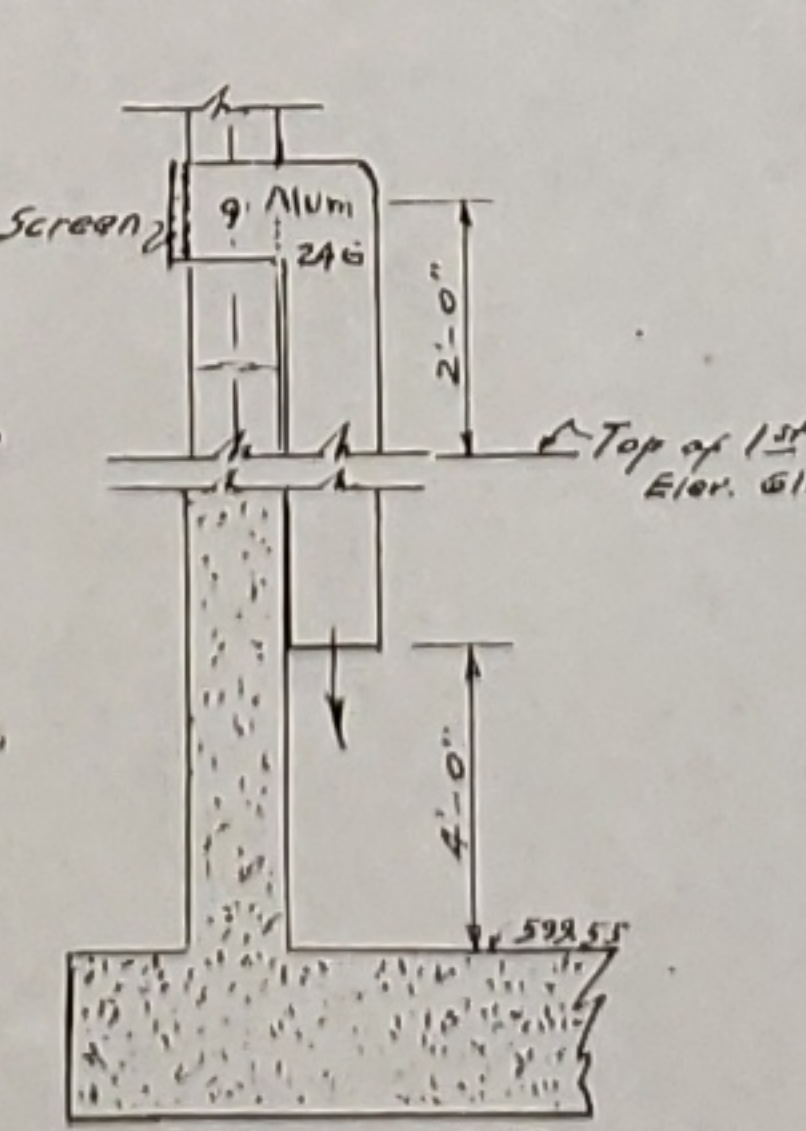
**ELEVATION**



**SOUTHEAST ELEVATION**

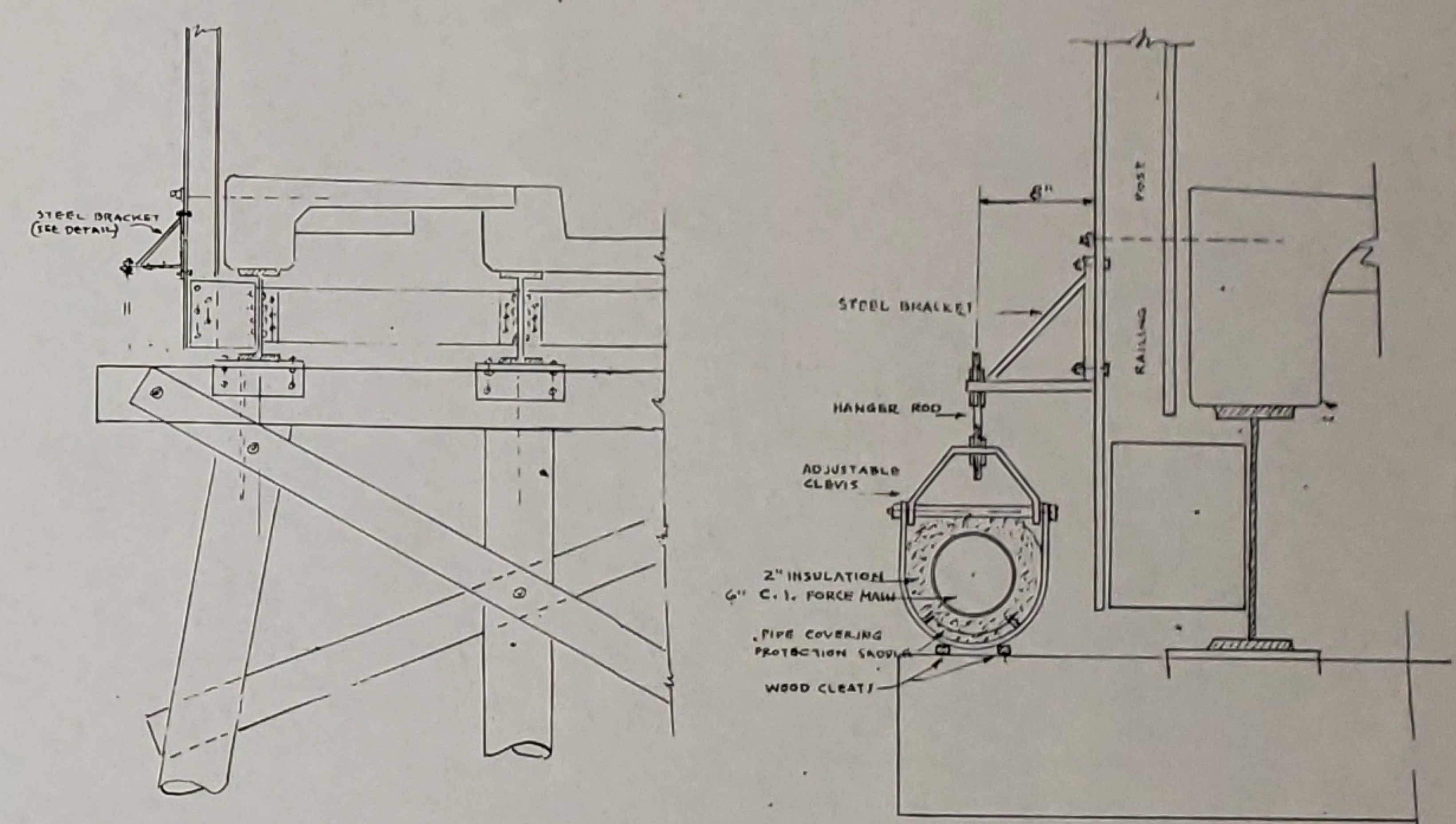


**SECTION D-D**  
DRY WELL EXHAUST DUCT  
No Scale.



**SECTION C-C**  
DRY WELL AIR INLET  
No Scale.

**GENERAL CONCRETE NOTES:**  
All bars to be lap spliced 40 diameters at splices. Bend horizontal wall steel into side wall 20". Place 2 #4 bars around all openings in floor slab. All steel reinforcing bars to be intermediate grade. Allot steel of equal and conform to the requirements of A.I.T.M.-A15 and A.I.T.M.-A305. All concrete to test 3500 psi compression in 28 days.



**DETAIL OF FORCE MAIN HANGER**  
BLUFF CREEK BRIDGE (B-726-50)

6" C.I. FORCE MAIN IS TO BE SUSPENDED FROM EACH RAILING POST AS SHOWN. STEEL BRACKET - LIGHT WELDED - GRINNELL FIG. 194 - BRACKET NO. 1. HANGER ROD - 2" x 8" LONG - MACHINE THREADED BOTH ENDS - FIG. 140 - GRINNELL. ADJUSTABLE CLEVIS - 10" PIPE SIZE - FIG. 268 - GRINNELL. C.I. FORCE MAIN - 6" C.I. PIPE - MECHANICAL JOINTS. INSULATION - 2" RIG WIL - WRAPPED WITH CANVAS. PIPE COVERING PROTECTION SADDLE - GRINNELL FIG. 186 - INSTALL AT EACH HANGER AND AT THE TWO INTERMEDIATE CAPS. WOOD CLEATS - 2" x 4" - 12" LONG TO BE ATTACHED TO EACH INTERMEDIATE CAP AS SHOWN.

REVISIONS			LIFT STATION & BRIDGE CROSSING DETAILS	
DATE	DESCRIPTION	BY		
5/11	0-20 HEATING VENT 4100	4L	ITASCA AREA SUPERIOR - WISCONSIN	
			HITCHCOCK & ESTABROOK, INC. CONSULTING ENGINEERS 321 SEXTON BLDG. MINNEAPOLIS 15, MINN.	
DR.	TR.		JOB NO.	
CHKD.	APPD.		400	
7/25	6/1		SHEET NO.	
			4 OF 71	

LIFT STATION #7  
1953