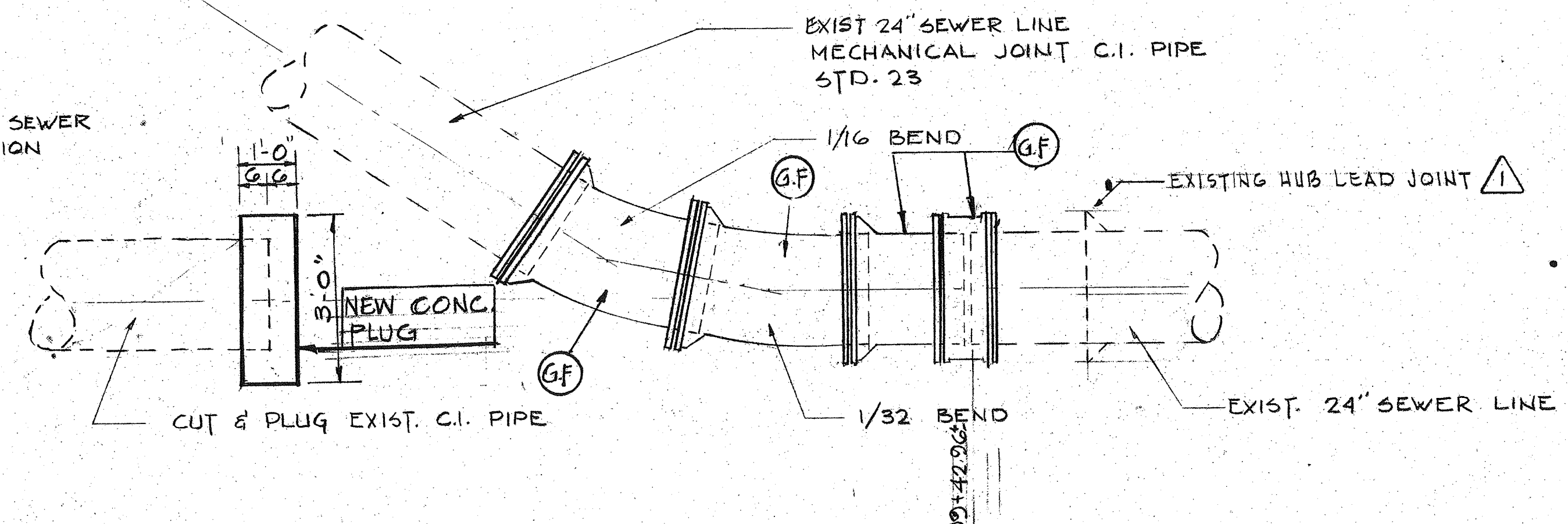


Notes:

1. ITEMS LISTED ARE FOR ONE DOOR. FOUR UNITS ARE REQUIRED, TWO AS SHOWN, TWO OPPOSITE HAND.
2. GEAR MOTOR OPERATING TORQUE 7900 POUND-INCHES AT 0.58 RPM WITH 1 HP SPECIAL ENCLOSED MOTOR. UNIT SHOWN BY BOSTON GEAR WORKS QUINCY, MASS. MODEL NO. VW 152.
3. DOORS, ARMS, LINKS, HINGES, BOLTS AND NUTS SHALL BE HOT-DIP GALVANIZED.
4. SPRINGS SHALL BE CADMIUM PLATED, AS PER SPECIFICATION.

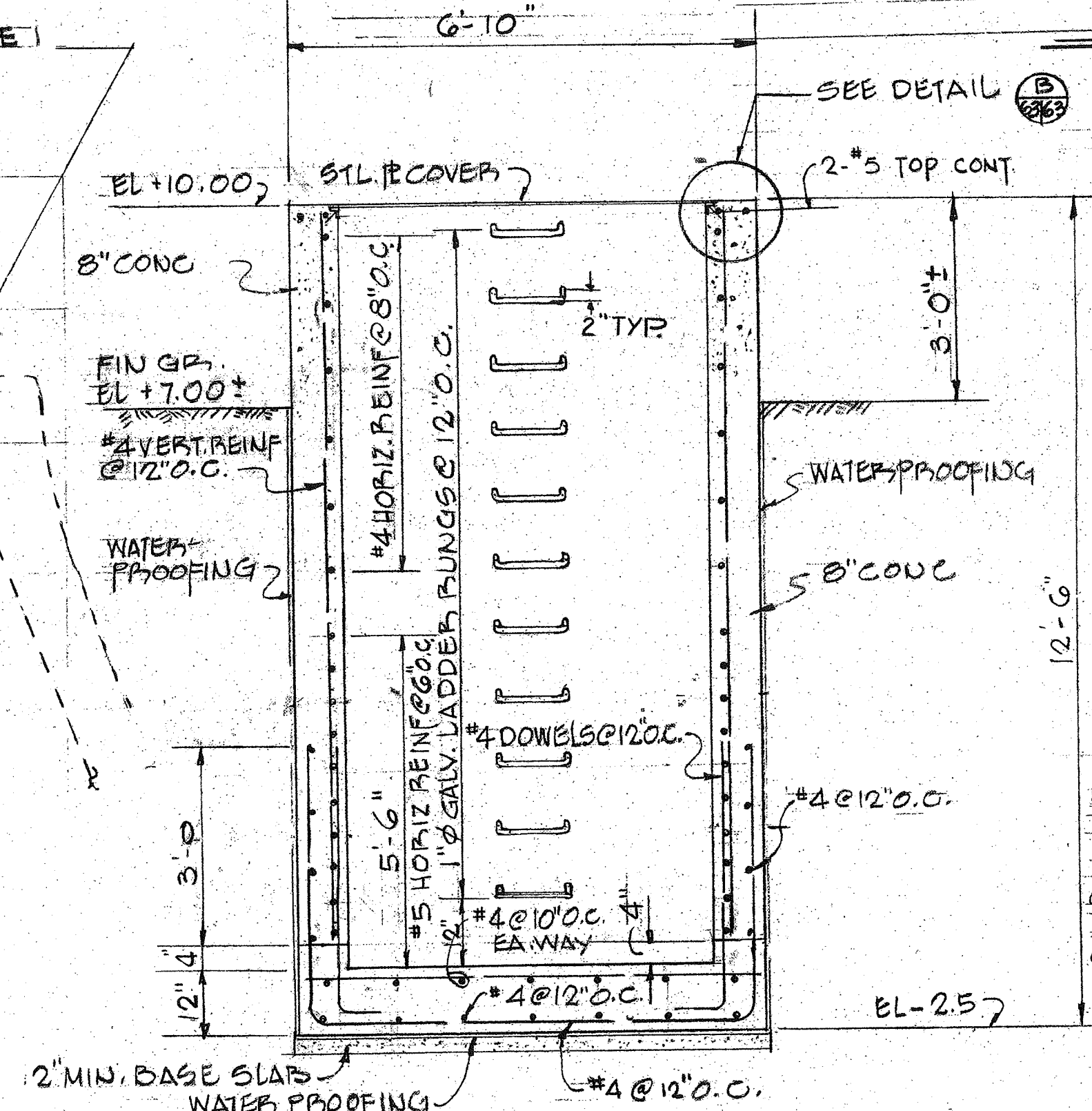
[illegible]

AS BUILT

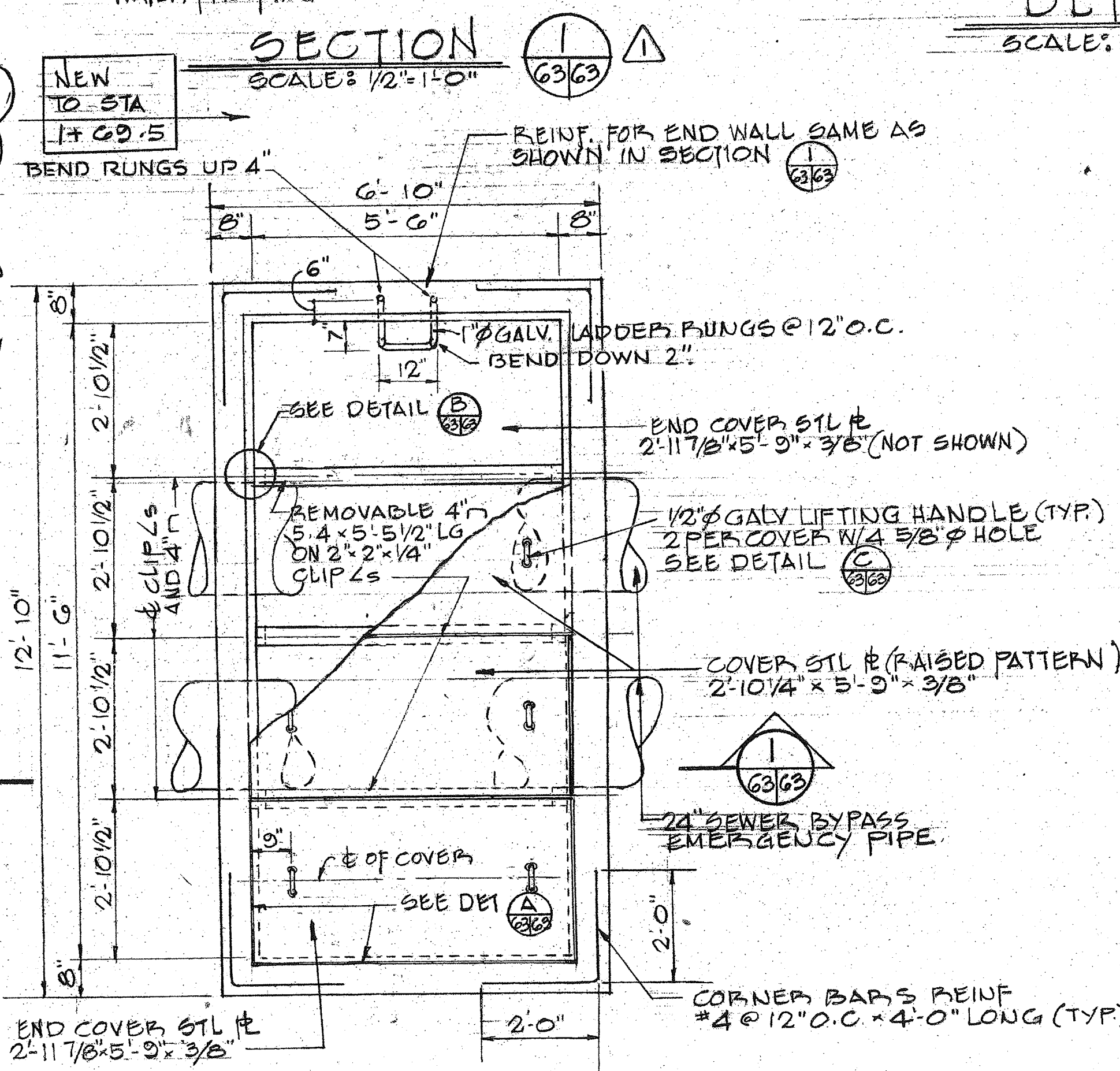


PARTIAL DEVELOPED PROFILES

SCALES HORIZ. 1" = 50'
VERT. 1" = 10'



LIFTING HANDLE DETAIL
NO SCALE

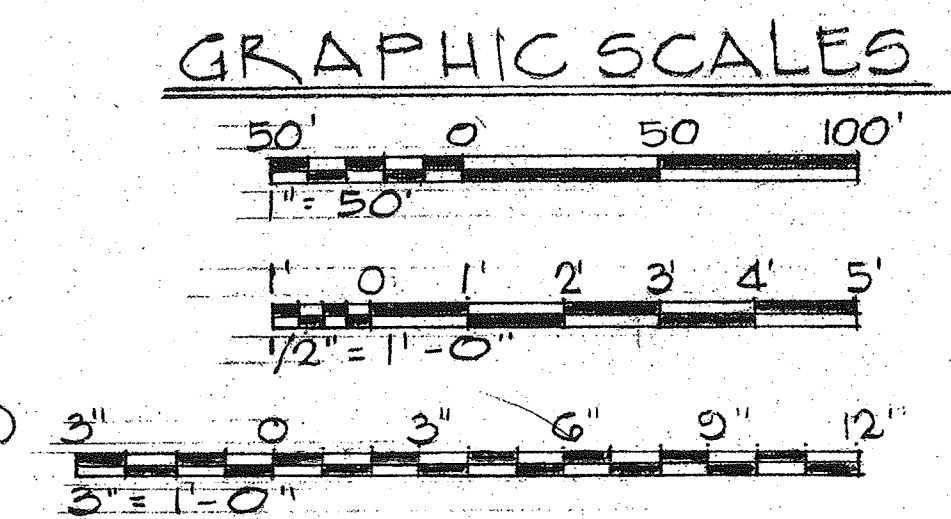


SECTION
SCALE: 1/2" = 1'-0"

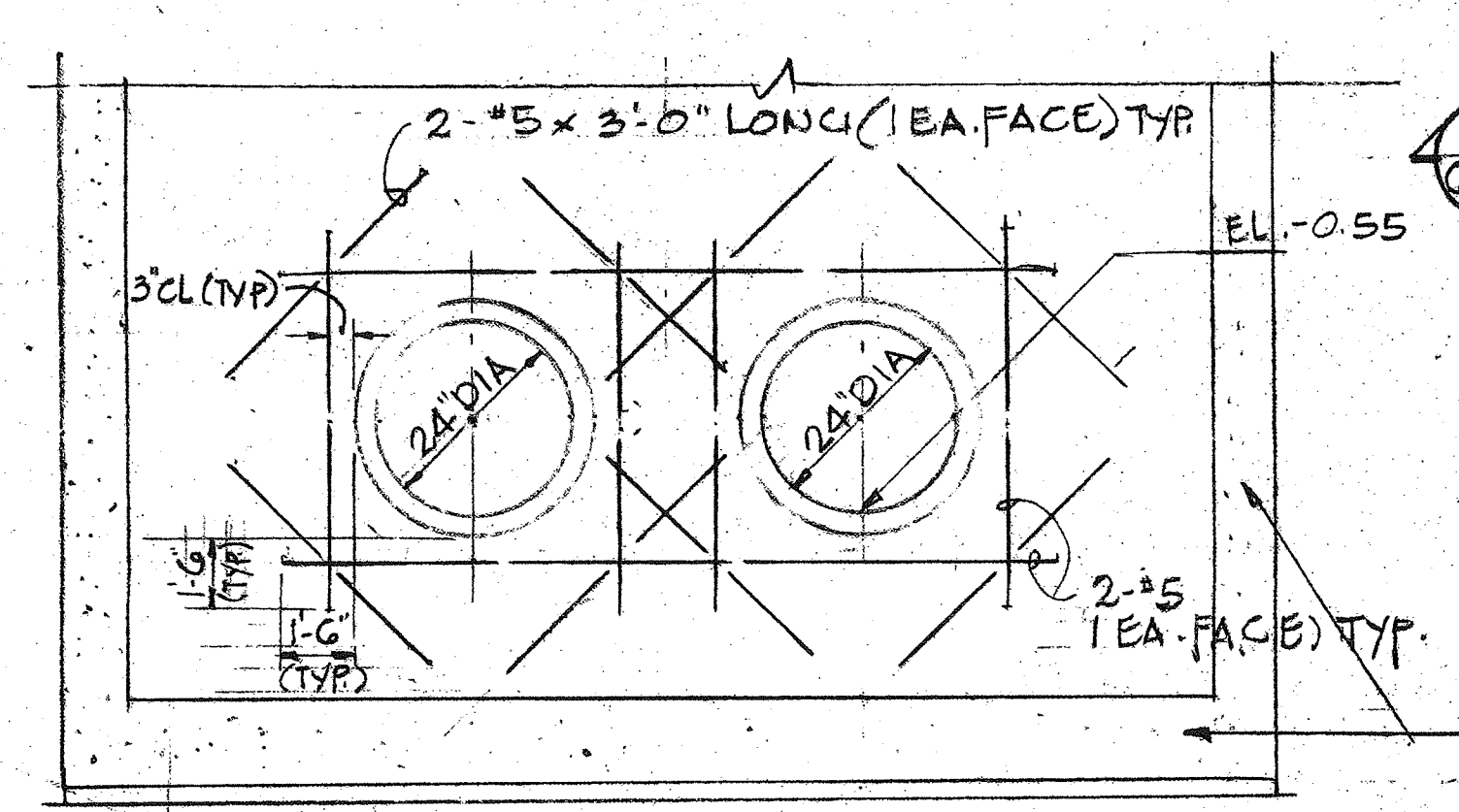
DETAIL
SCALE: 3"=1'-0"

GENERAL NOTES

1. ALL EXPOSED STEEL ITEMS: (FLOOR PLATES, LIFTING HANDLES, LADDER RUNGS, ANGLES AND CHANNELS) SHALL BE HOT DIPPED ZINC COATED AFTER FABRICATION.
2. CONCRETE: SEE SPECS.
3. REINFORCING: LAP 32 BAR DIAMETERS
BAR CLEARANCE: 2" FOR SLAB
2" FOR WALLS
4. PROVIDE OPENINGS IN CONCRETE WALLS FOR PIPING AS REQUIRED.
5. ALL FITTINGS LABELED (R), ALSO 15 EA. OF 24" RUBBER GASKET AND 100 EA. OF 3/4" x 5" T-HEAD BOLTS W/ NUTS SHALL BE GOVERNMENT FURNISHED. OTHER FITTINGS LABELED (N) SHALL BE CONTRACTOR FURNISHED.



GRAPHIC SCALES



CONC. SUPPORT FOR VALVE

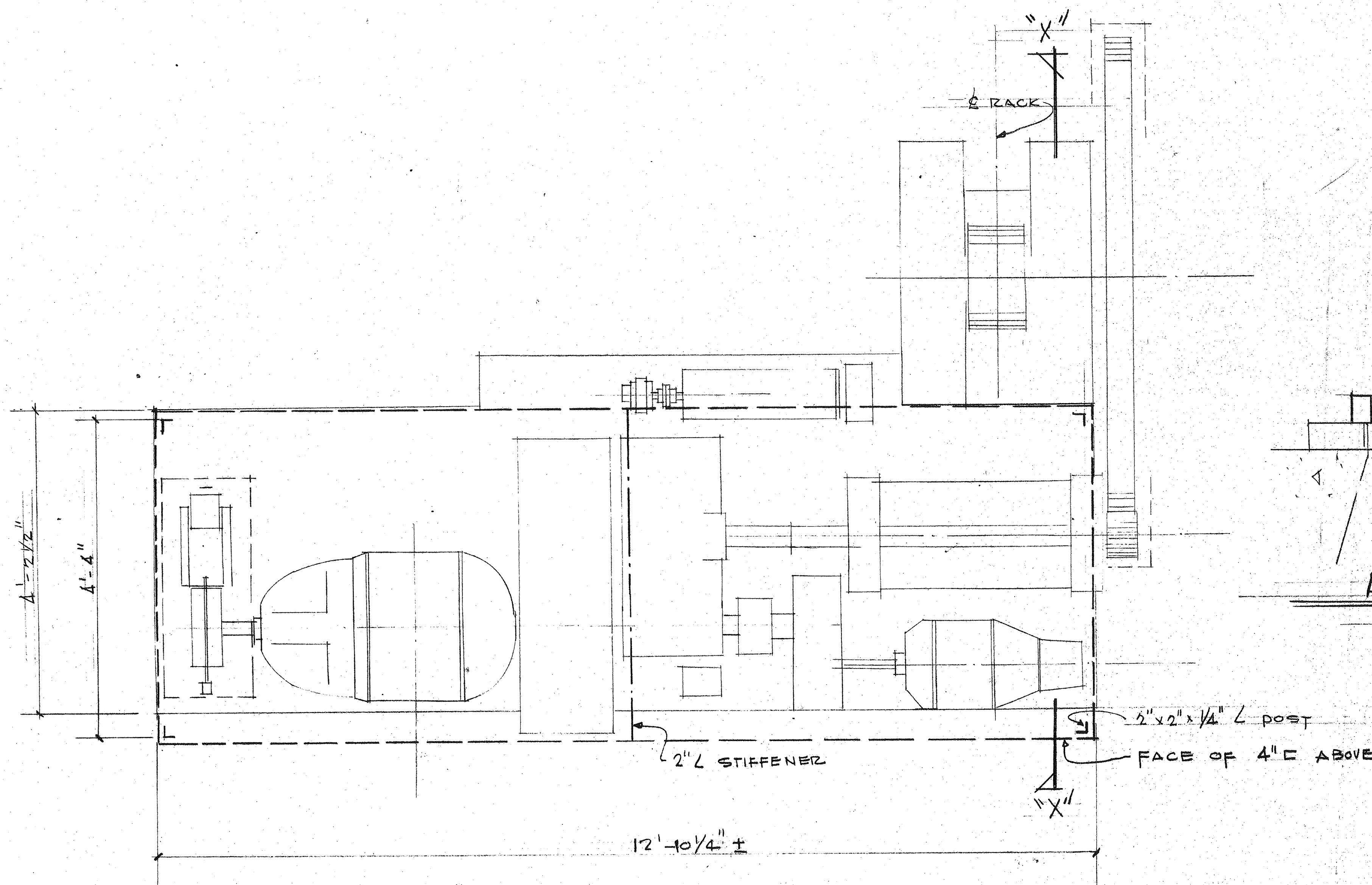
TYPICAL REINF. AT PIPE OPENING
IN WALL SCALE: 1/2" = 1'-0"

VALVE BOX PLAN

	1 OCT 1967	16 BUILT REVISION IN "EMERGENCY 24" WSEWER ON-PASS DET PLAN RE-LOCATED FITTING AND ON-PASS CONNECTION IN "SECT 1163/63" BELLEVIEW WATER STOP IN "24" WSEWER CONNECTION DETAIL AT STA 89+42.96" - DERIVED EXIST. HUB LEAD JOINT.		10	12	
	SYMBOL	DATE	DESCRIPTION	BY	CHECK	APP
REVISIONS						
U. S. ARMY ENGINEER DISTRICT, HONOLULU COOPS OF ENGINEERS HONOLULU, HAWAII						
DRAWN BY: JH	HONOLULU HARBOR		HAWAII			
TRACED BY:	SECOND ENTRANCE CHANNEL					
CHECKED BY: JH CBR	BASCULE BRIDGE					
SUBMITTED BY: K. J.	EMERGENCY SEWER BY-PASS					
APPROVAL RECOMMENDED: 	APPROVED: 		DATE: 15 DEC 61			
CHIEF, PLANNING AND REPORTS BRANCH			CHIEF, ENGINEERING DIVISION			
APPROVED:			SCALE: AS SHOWN		DRAWING NUMBER	
COPIES, COPIES OF 10/10/68 8-28-28 INCHES		SHEET		AS BUILT		
		63		RH		0/6763

NOTE:

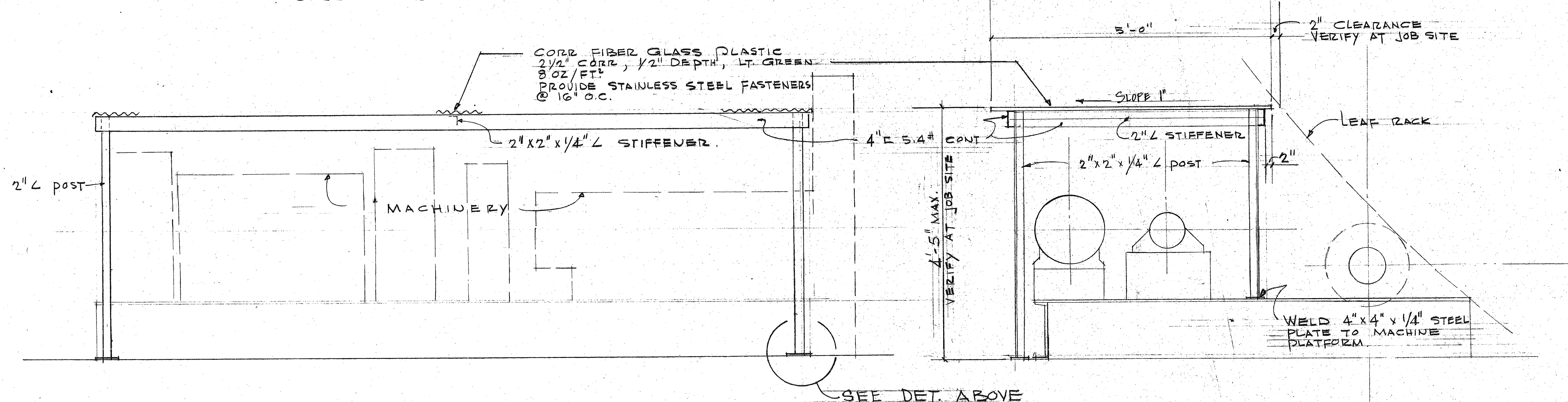
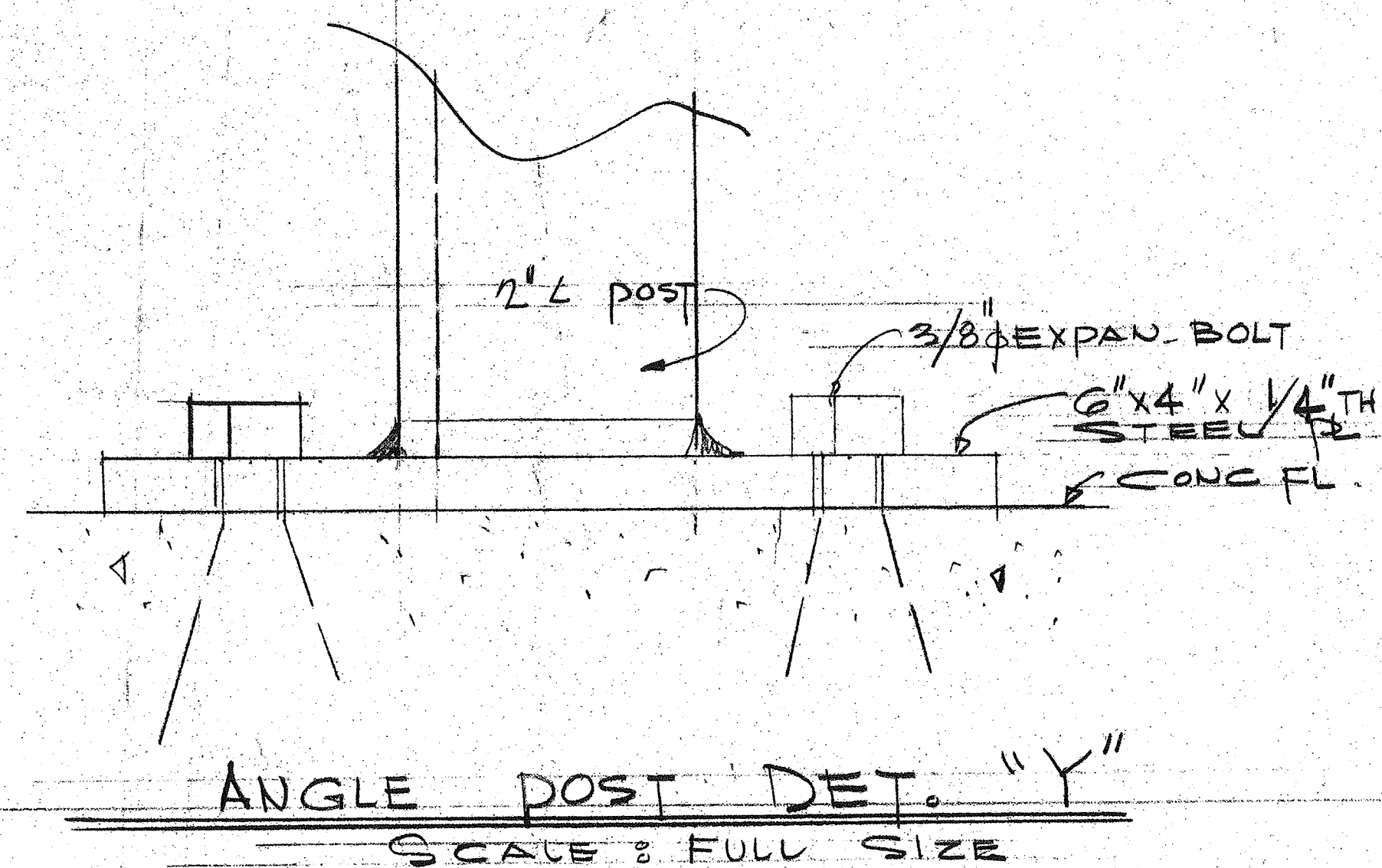
ALL STEEL FRAMING MEMBERS TO BE WELDED
USING 3/16" FILLET WELDS.



FLOOR PLAN

SCALE: 1" = 1'-0"

SHED OVER MAIN DRIVE UNITS - RIGHT HAND - 2-REQ'D.
SHED OVER MAIN DRIVE UNITS - LEFT HAND - 2-REQ'D.



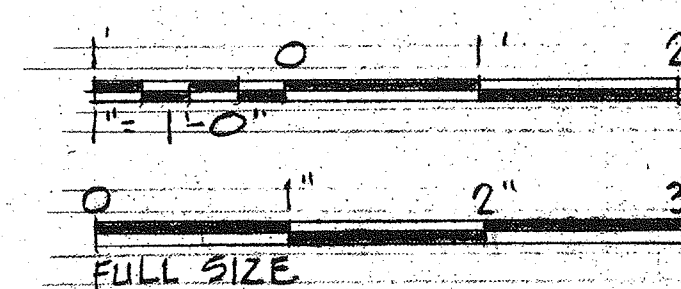
FRONT ELEVATION

SCALE: 1" = 1'-0"

SECTION X-X

SCALE: 1" = 1'-0"

GRAPHIC SCALES



SYMBOL	DATE	DESCRIPTION	BY	CHKD	APP
REVISIONS					
U. S. ARMY ENGINEER DISTRICT, HONOLULU CORPS OF ENGINEERS HONOLULU, HAWAII					
DRAWN BY:	oel	HONOLULU HARBOR	HAWAII		
TRACED BY:		SECOND ENTRANCE CHANNEL			
CHECKED BY:	st	BASCULE BRIDGE			
SUBMITTED BY:	mp	SHED OVER MAIN DRIVE UNITS			
APPROVAL RECOMMENDED:		PLAN ELEVATION, SECTION AND DETAIL			
CHIEF PLANNING AND REPORTS BRANCH					
APPROVED:					
SCALE: AS SHOWN			DRAWING NUMBER		
SHEET 64			AS BUILT		
			RH 9/67 G64		

AS BUILT