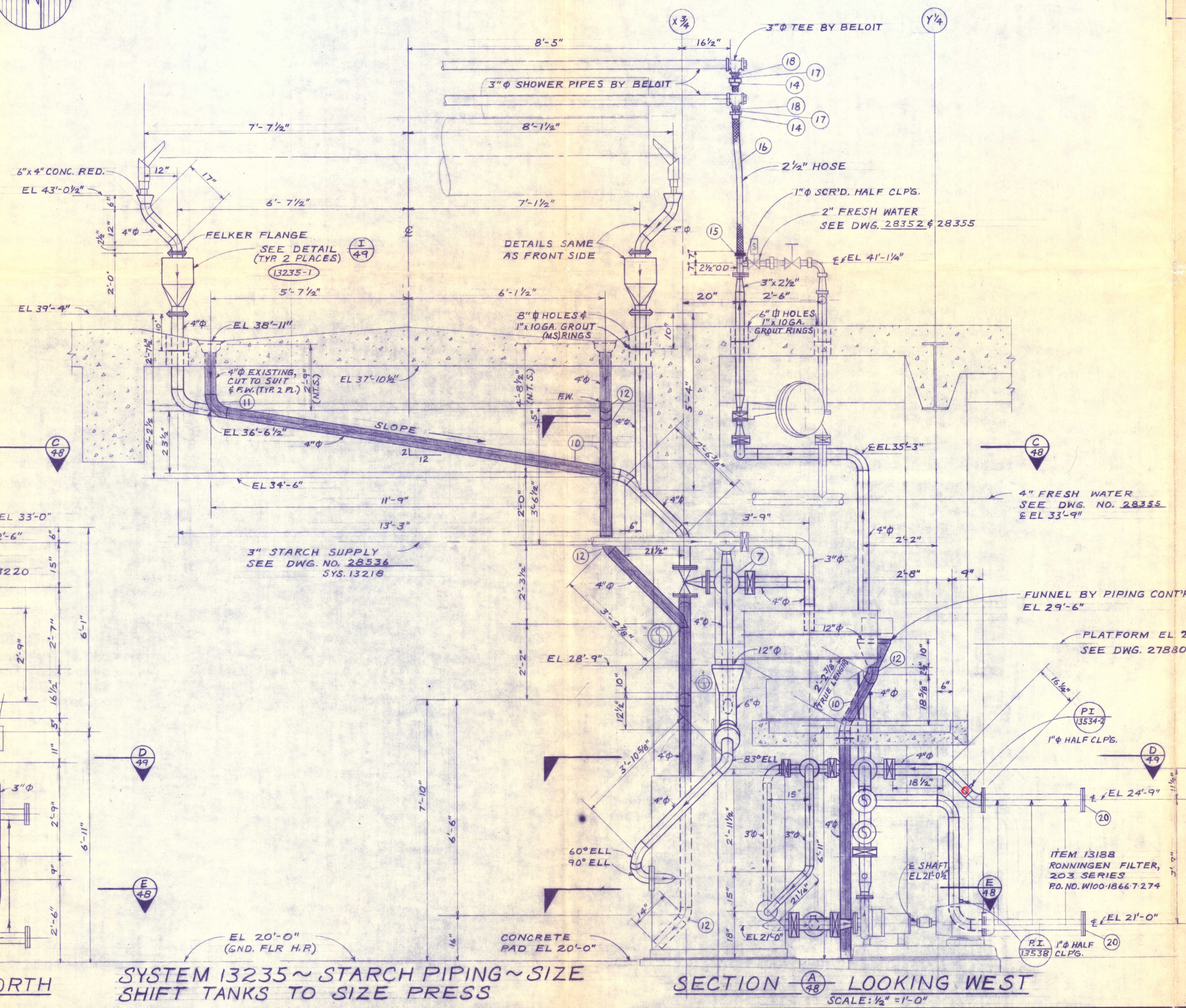
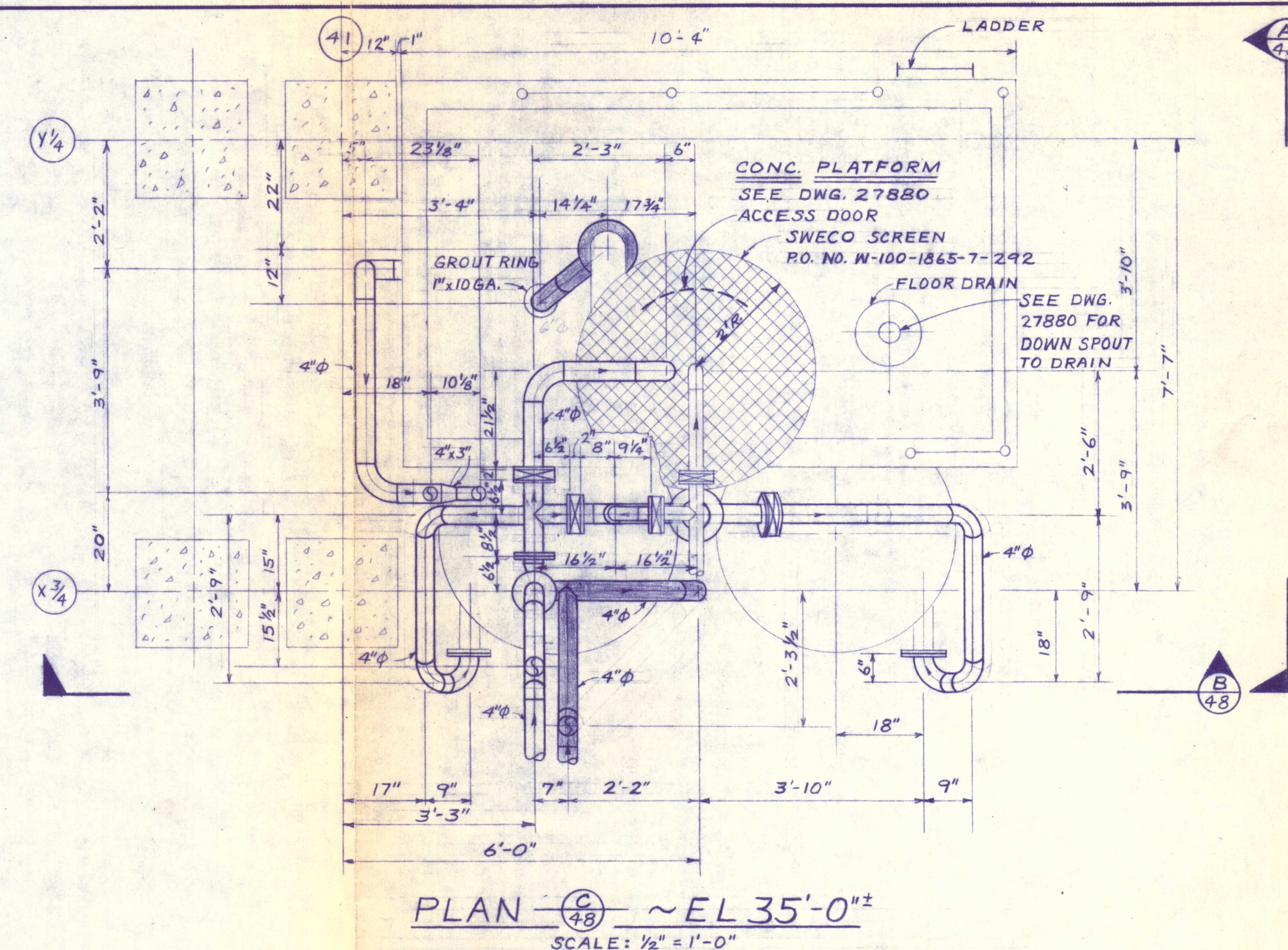
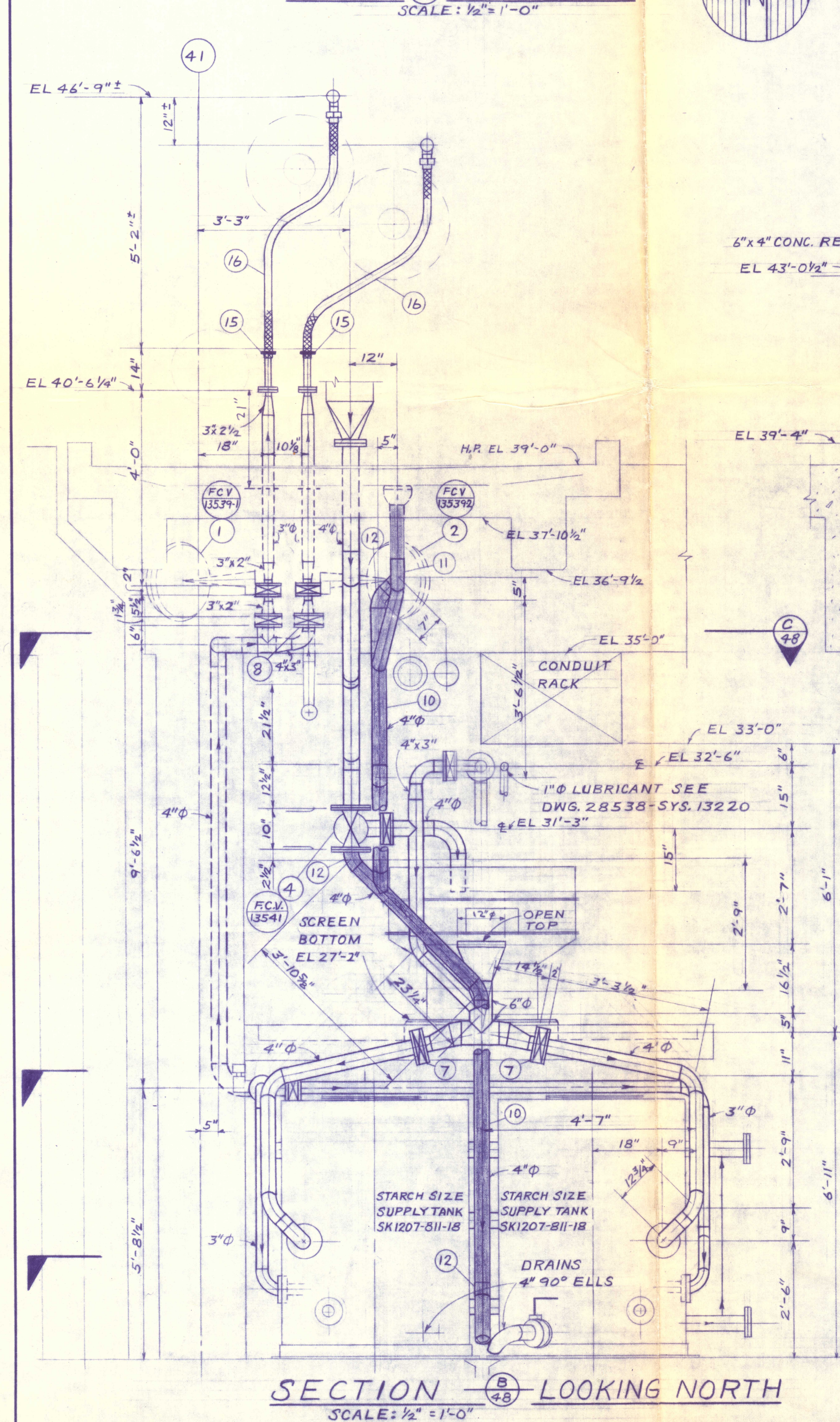




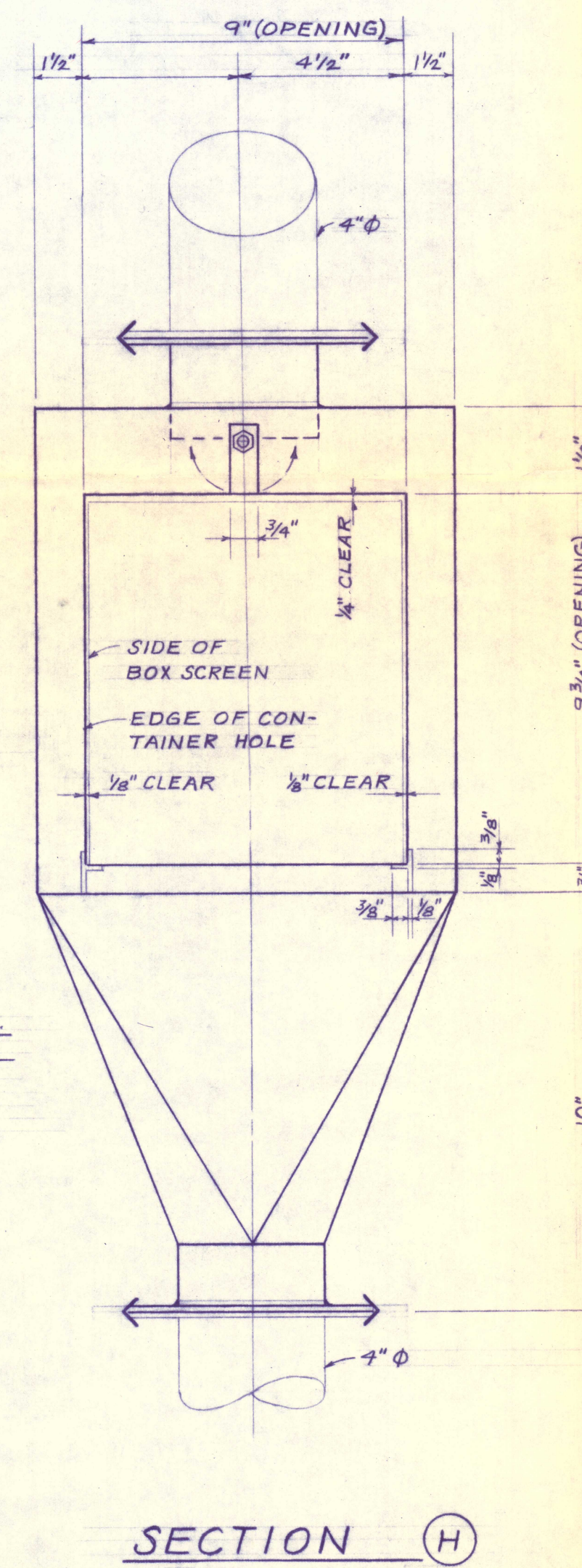
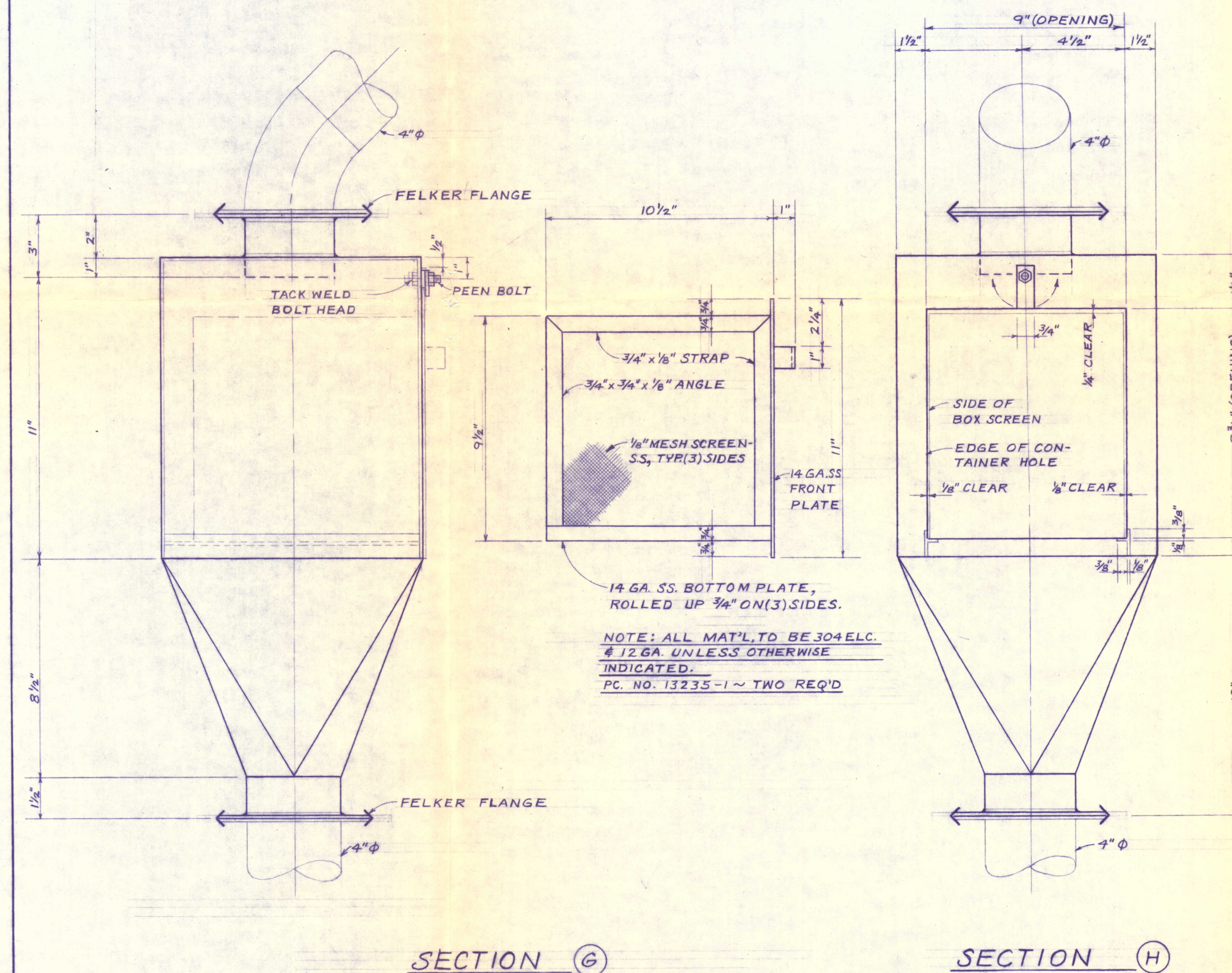
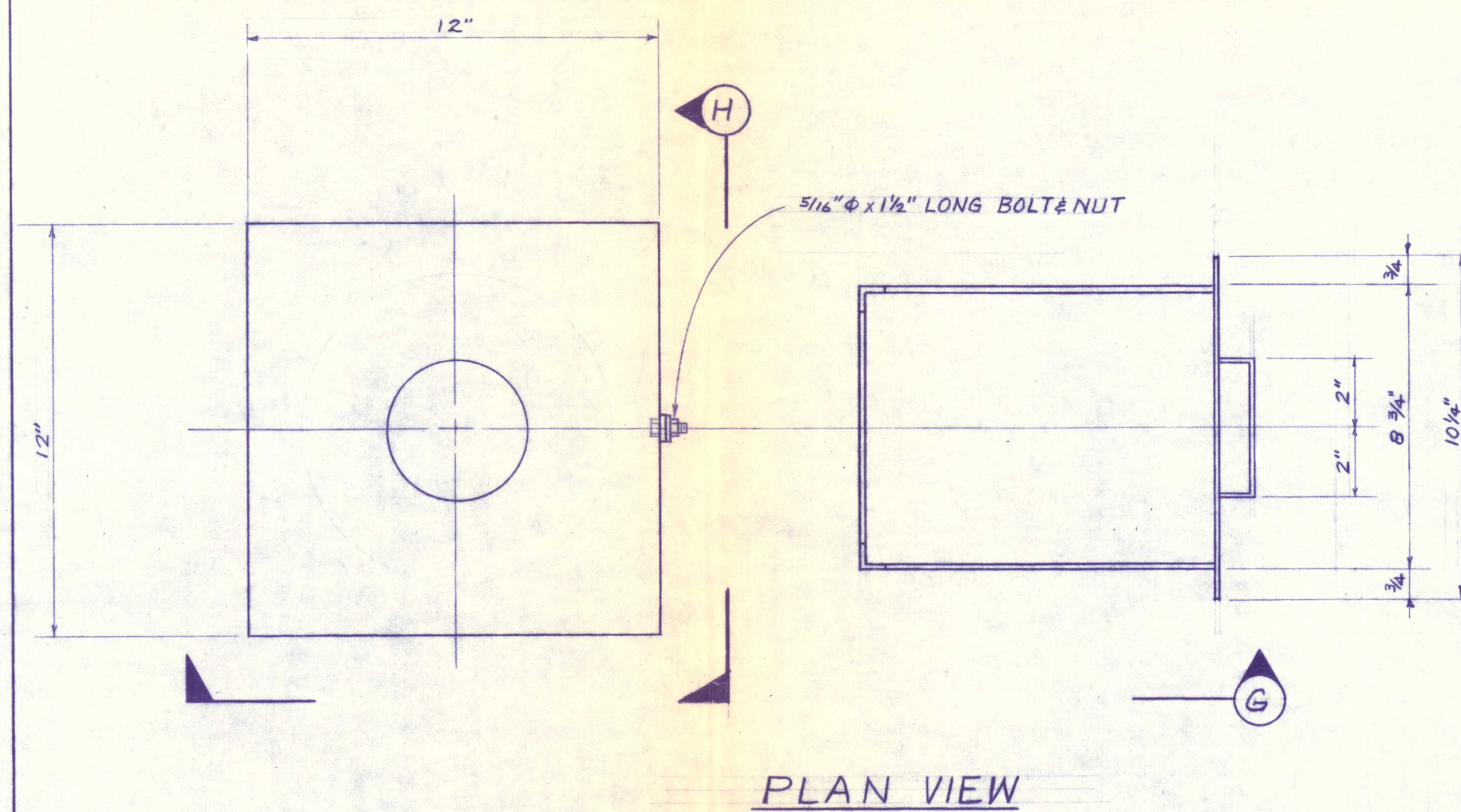
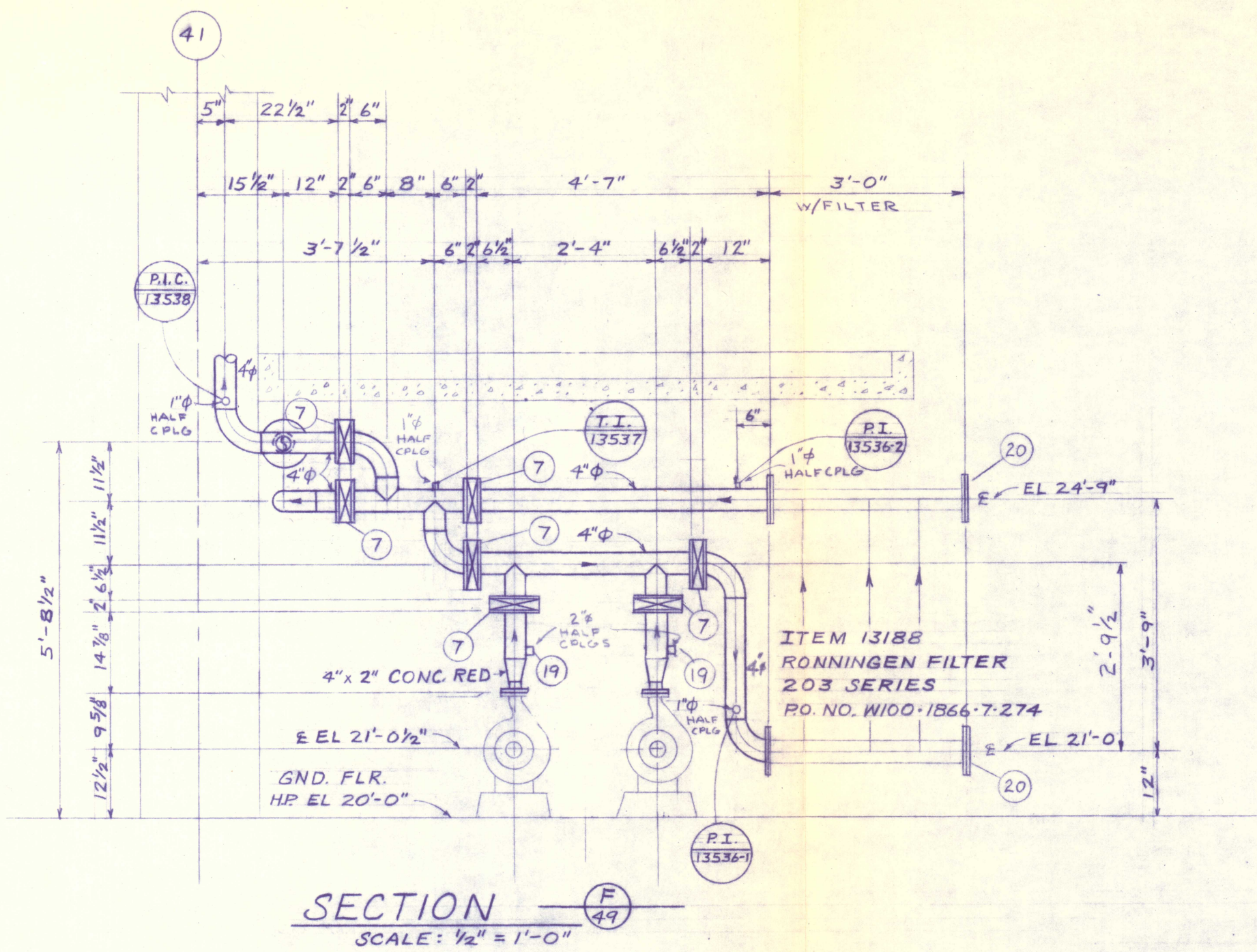
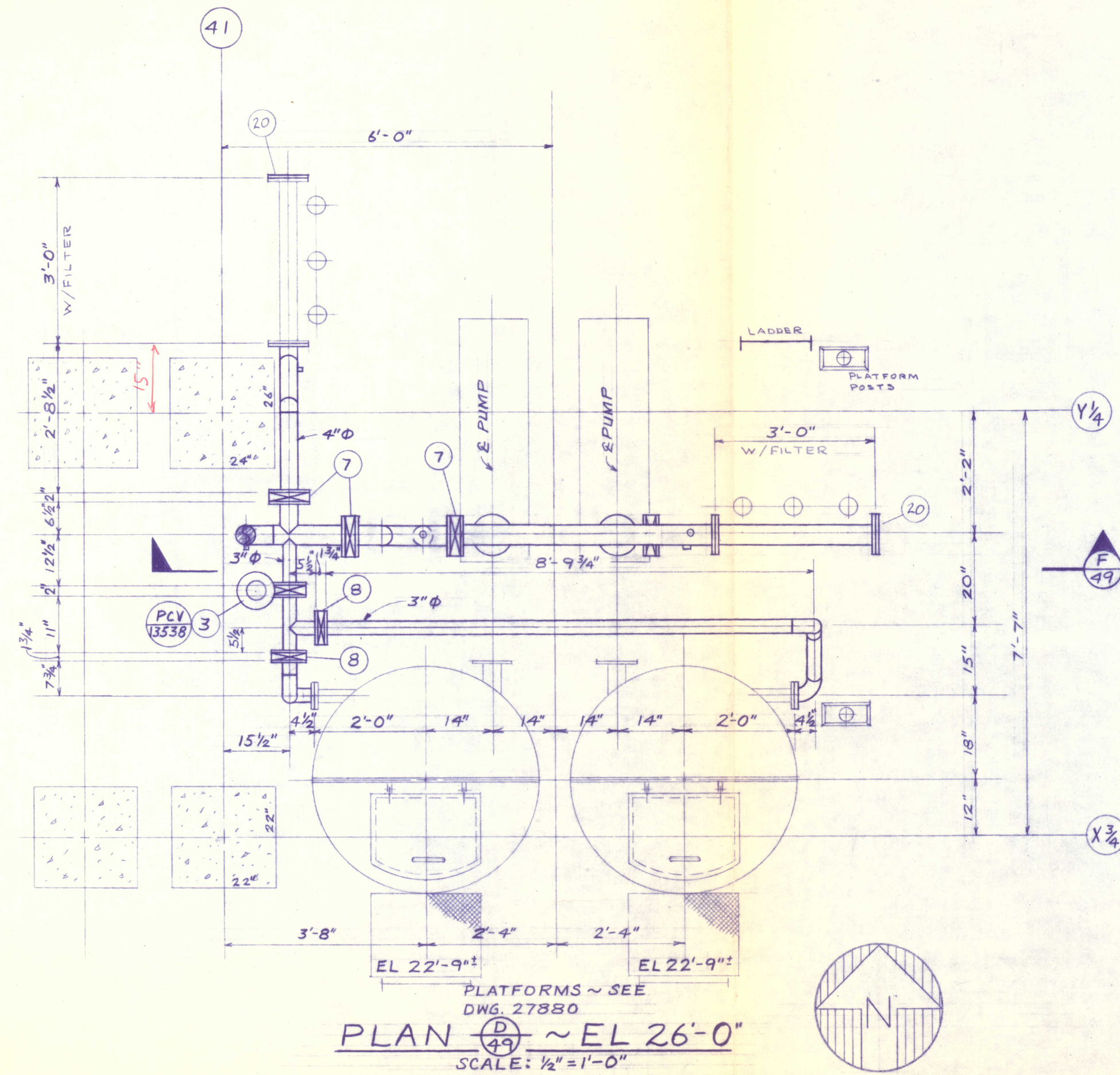
NOTE: 1. ALL SHADED PIPING TO BE A-1 20 STEEL
SCH. 40, ALL OTHER TO BE 304 SS.
2. FOR BILL OF MATERIAL SEE SHEET NO. 2,
DWG. NO. 28549.

TO CEO
3-3-67

STARCH

REVISIONS			
NO.	DESCRIPTION	BY	DATE
DRAWN <i>John Raby</i>	CHECKED <i>RGH</i>	APPROVED	
DATE 2-23-67	DATE 3-3-67	SCALE 1/8" = 1'-0"	

CROWN ZELLERBACH CORPORATION			
CENTRAL ENGINEERING OFFICE			
SEATTLE • WASHINGTON			
MILL WAUNA, OREGON			
SUBDIVISION DIVISION 13 - MACHINE #4			
JOB TITLE WAUNA EXPANSION			
JOB NO.	A. F. E. NO.	FILE NO.	DRAWING NO.
	W-7	1207	28548



PIPING MATERIAL LIST

SYSTEM NO. 13235

NO.	REQ'D.	SIZE	DESCRIPTION	B.M. NO.	MATERIAL
1	1	2"	CONTROL VALVE, B/F CONTIN, FCV13539	809	CI. RRL
2	1	2"	" " " " FCV135392	"	" "
3	1	3"	" " " " PCV13538	"	316 S.S.
4	1	4"	" " 3WAY DEZURIK, FCV13541	820	AR. BRZ.
7	19	4"	B/F VALVE, CRANE 2209 SB W/2284 OPER.	819	CI. RL
8	4	3"	" " " " " " " " " "	"	" "
10	40LF	4"	PIPE SCH. 40 A120	818	STEEL
11	1	4"	90° ELL, LR STD. WT. BW.	"	"
12	8	4"	45° " " " " " "	"	"
14	2	2½"	DIXON COUPLING, "GU BOSS" STYLE X-34 NO. GF-130	819	BRASS
15	2	2½"	DIXON HOSE CLAMP NO. 20	"	"
16	12LF.	2½" I.D.	HOSE - THERMOID VICTOR CL SPEC. NO. 82000	"	"
17	2	2½" x 4"	NIPPLE SCH. 40 T.B.E.	"	304 SS
18	2	2½" x 3"	BUSHING SCR'D.	"	"
19	4	2"	PLUG - SCR'D SQ. HD.	"	"
20	4	4"	BLIND FLANGE - 150# F4D 304 SS CLAD	"	"
12325-1	2	4" x 12" φ	FABRICATION W/2-4" FELKER FLG'S	812	304 ELC

SEE B/M SUPPLEMENTARY SHEET NO.

TO CEO
3-3-67

SHEET 2 OF 2
SYSTEM 13235

STARCH

REVISIONS				CROWN ZELLERBACH CORPORATION CENTRAL ENGINEERING OFFICE
NO.	DESCRIPTION	BY	DATE	MILL WAUNA OREGON
				SUBDIVISION DIVISION 13 - MACHINE #4
				JOB TITLE WAUNA EXPANSION
DRAWN John Raby	CHECKED RSC	APPROVED		JOB NO. A. F. E. NO. FILE NO. DRAWING NO.
DATE 2-23-67	DATE 3-3-67	SCALE AS SHOWN		W-7 1207 28549

SYSTEM 13235~STARCH PIPING~SIZE SHIFT TANKS TO SIZE PRESS