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12.38	11.95	11.76	13 ¹³ 8	158	3½	.95		-
14:64	14.21	14.02 -	48	173	4	.95	1 <u>1</u>]
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REPLACES DWG. NO. 5771 BY T.A.B. 2-6-61

<i>r</i> .	1		مند ومد روبوس میردد. پرمونکوروش میردد. مراک		an, 19	
			PAF	TS LIST	1	
	ITEM	DESCRIPTION	REQ'D	MATÈRIAL	ASTM	
*		CAP NUT	1	STEEL		ASA BI8.2 PLTD.
	2	OPERATING NUT	1 I	CAST IRON		CL. B
	3	STEM	1	BRONZE	B138-	ALLOY A 1/2 HARD
The second second		STUFFING BOX	I	CAST IRON	A126	CL. B
K	5	FLANGE BOLT	4	STEEL	с. С	ASA BI8.2 PLTD.
	6	"O" RING PACKING	1	RUBBER		BUNAN
	7	GASKET		FIBER		
	8	"O" RING PACKING	1	RUBBER		BUNA N
1	9	PIPE PLUG	1	IRON	1 1	
	10	BONNET	l	CAST IRON	A 126	CL.B
		JOINT BOLT	D	STEEL		ASA BI8.2 PLTD.
	12	JOINT GASKET	a 🖡 🔬	COMPOSITION		
5	13	TOP WEDGE NUT	1	CAST IRON	A 126	CL. B
	14	SEAT RING	2	BRONZE	B 62	
	15	DISC PIN	2	BRONZE	B 21	ALLOY A 1/2 HARD
	16	SIDE SPREADER	2 .	BRONZE	B 62	
	17	DISC	2	CAST IRON	A 126	CL. B
e e e e e e e e e e e e e e e e e e e	18	BOTTOM WEDGE	·	CAST IRON	A 126	CL. B
· · · · · · · · · · · · · · · · · · ·	19	BODY	1	CAST IRON	A 126	CL. B
- - -						· · · · · · · · · · · · · · · · · · ·
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TOP VIEW OF LUGS

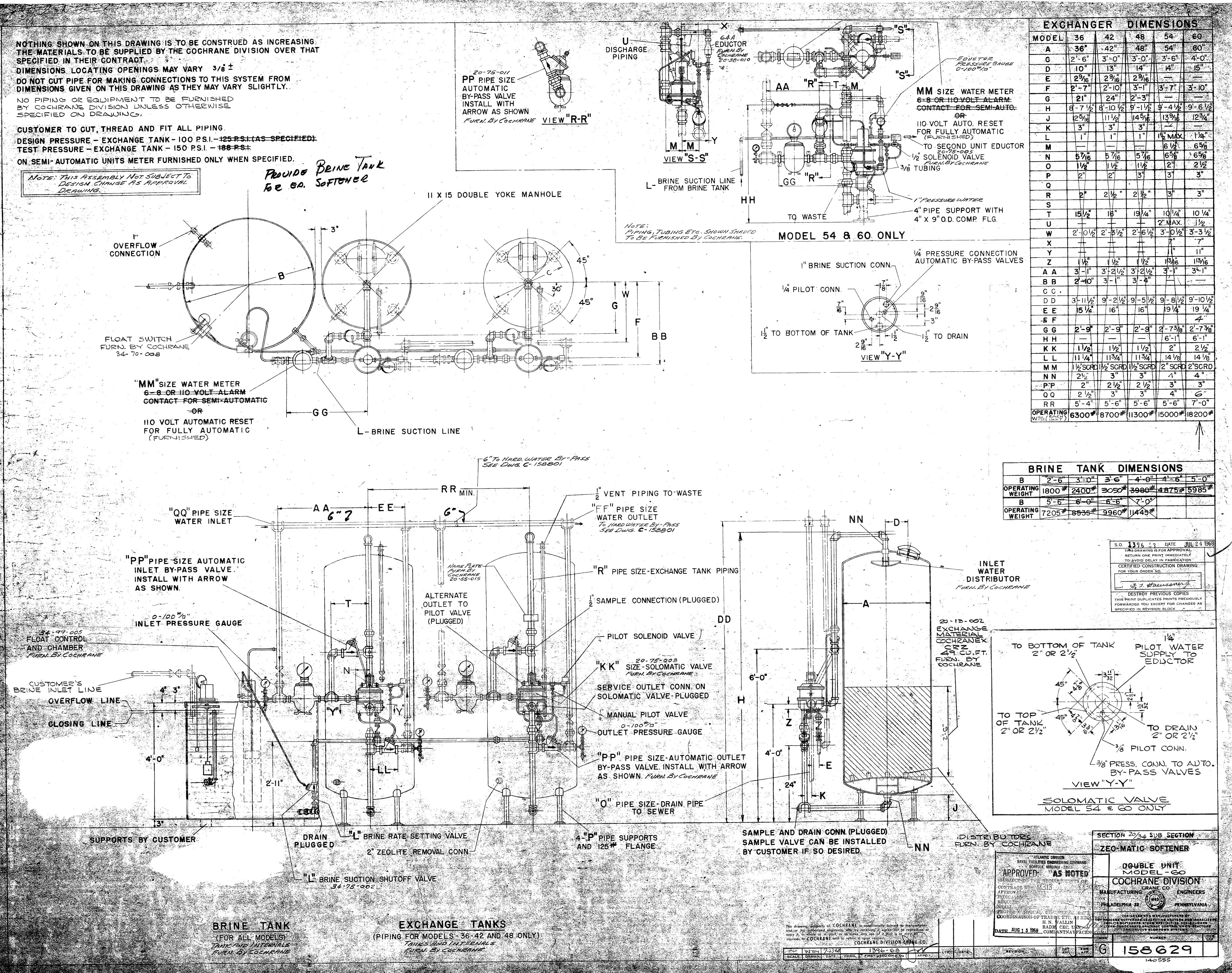
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СН	J.L.C.	3.28.6	9 VPE			•		Y			
ENGR	R.L.R.	4-1-69	PROD				FINISH		SCAL	E	
DRFT	DRTON	4-1-69									
STOCK	NO.		MATERIAL	AS	NOTE	:D					PATT. NO.
TOL	ER-		·	LINE	AR			ANGULA	R		. *
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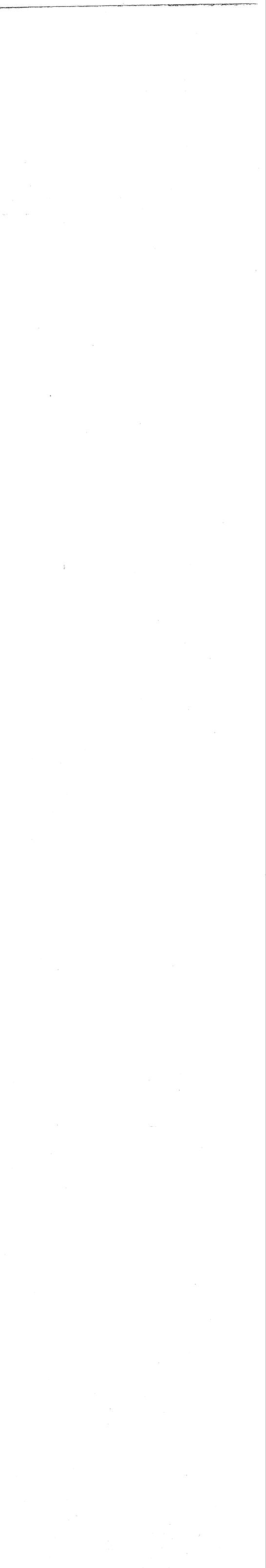
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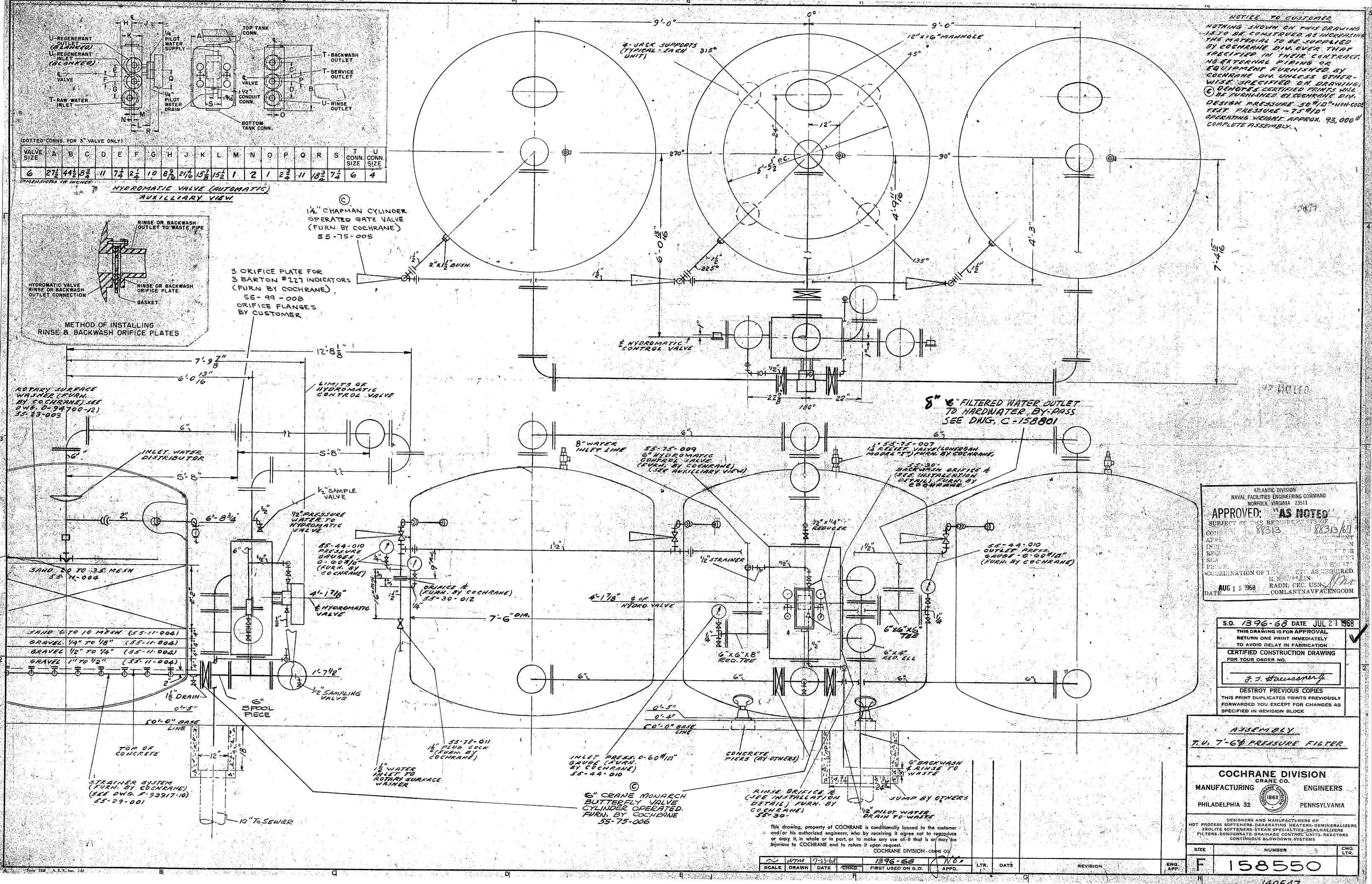
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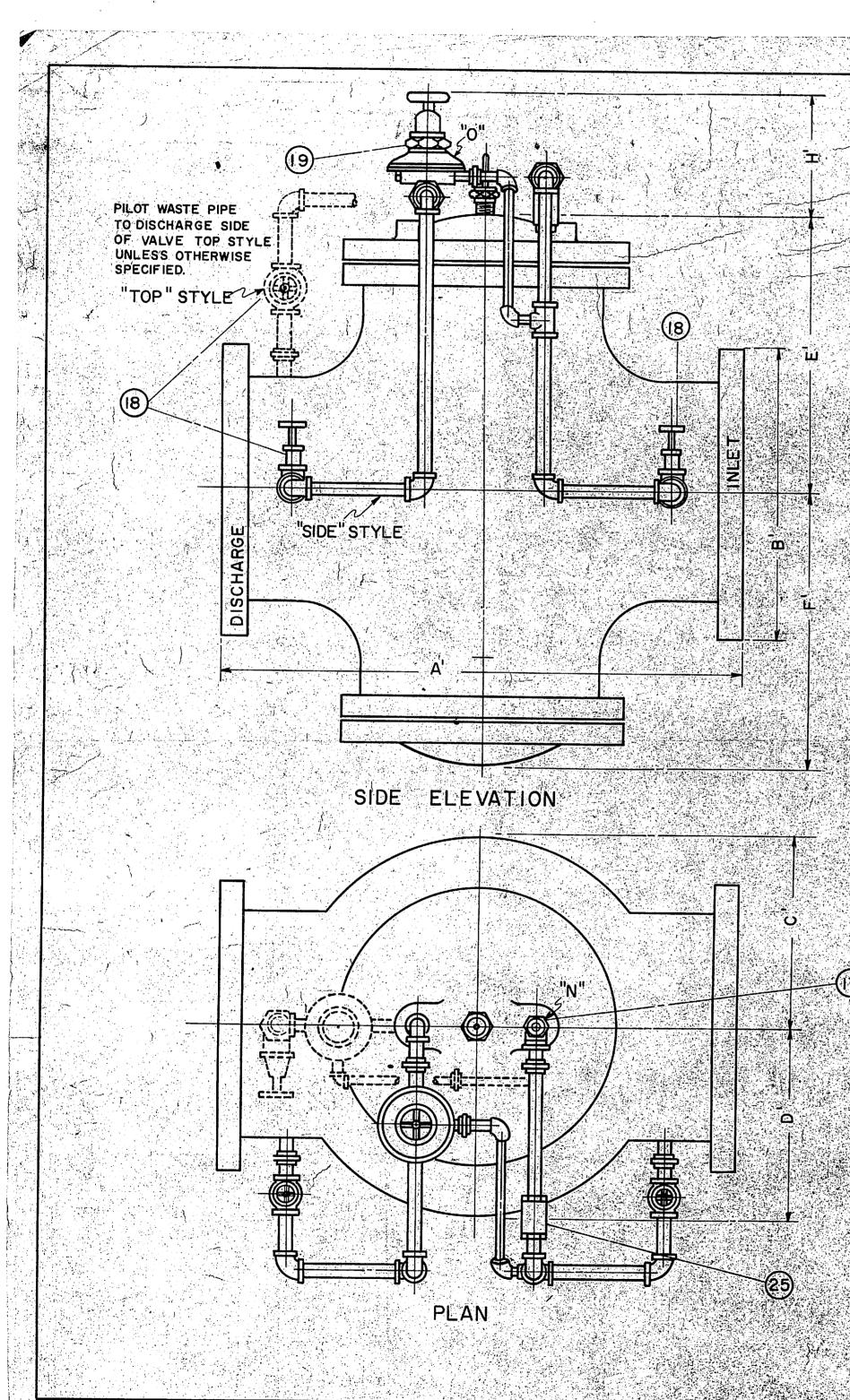
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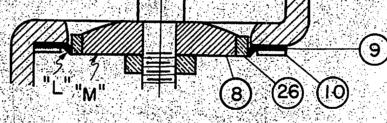


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(20)		PARTS LIST
		NAME OF PART QTY
1		VALVE SHELL
(2)	2	2 TOP CAP
	3	BOTTOM STEM GUIDE NUT
	4	BOTTOM CUP FOLLOWER 2
"κ" [5]	5	BOTTOM PISTON CUP LEATHER 2
"E"2-		7 NUT
	* <u> </u>	B SEAT DISC
	S	SEAT LEATHER
	10	SEAT LEATHER SUPPORT
	.1	
"B" "M" []	12	2 PLATE / 2
alle state of the second s	13	MAIN CUP LEATHER 2
	12	MAIN BUSHING
FLOW (9)	E	TOP NUT
	10	BOTTOM CAP
24		7 NEEDLE VALVE
	11	B GATE VALVE 2
		9 PILOT VALVE
$\left \left \left$	2	O INDICATOR ROD
	2	I INDICATOR STUFFING BOX I
\mathcal{U}	2	3 CAP CYLINDER
	2	4 SEAT RING
(A)	2	5 STRAINER
5	* _2	6 DISC RING
		I25 [#] FLANGES
LONGITUDINAL SECTION	· · · · · · · · · · · · · · · · · · ·	
LUNGHOUNAL SEUTION	SIZE	WT A' B' C' D' E' F'
	8"	660 23 ⁷ / ₈ 13 ¹ / ₂ 9 9 12 ¹ / ₂ 12 ¹ / ₂
	10"	810 2478 16 103/8 103/8 141/4 141/4
	5 I - 1 H I -	

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SLIDING SEAT

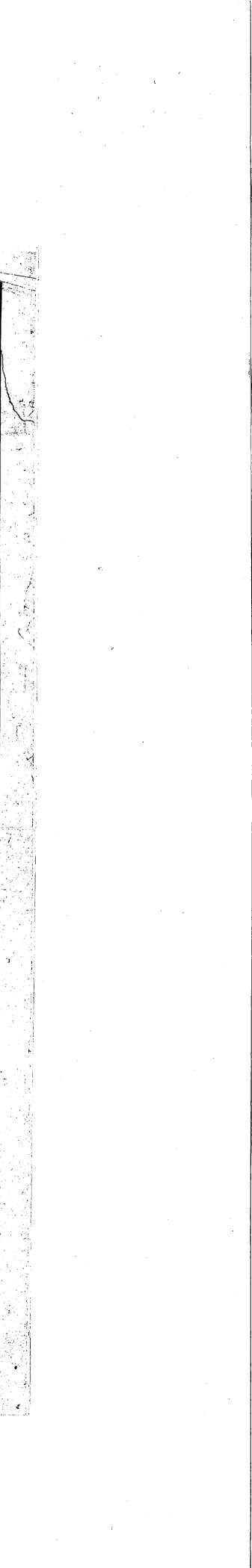
* NOTE -FROM 1948 SIZES 8" TO 12" HAVE ONE PIECE BRONZE SLIDING SEAT DISC IN PLACE OF PARTS 8 & 26

SIZE		D	IMEN	SIONS	SIN	INCH	ES ±
JIZE	WT.	A'	B	C'	D'	总:E4:39	F
8"	700	2478	15	91/4	9 4	13	13
f0 "	900	26 1/4	17 2	10 5/8	10 5/8	143/4	14 3/4
12"	1380	31 1/2	201/2	11 ³ /A	11 3/4	1734	17 3/4
[4 "	2350	35 2	23	14 1/8	14 78	20/2	20 1/2
[6 "	2550	391/4	25 ¹ /2	15 ¹ /2	15 1/2	22	22
8"	3500	43 /4	28	18	18	24	24
		43 ³ /8					
24"	5490	50%	36	203/	20 3/4	26%	26

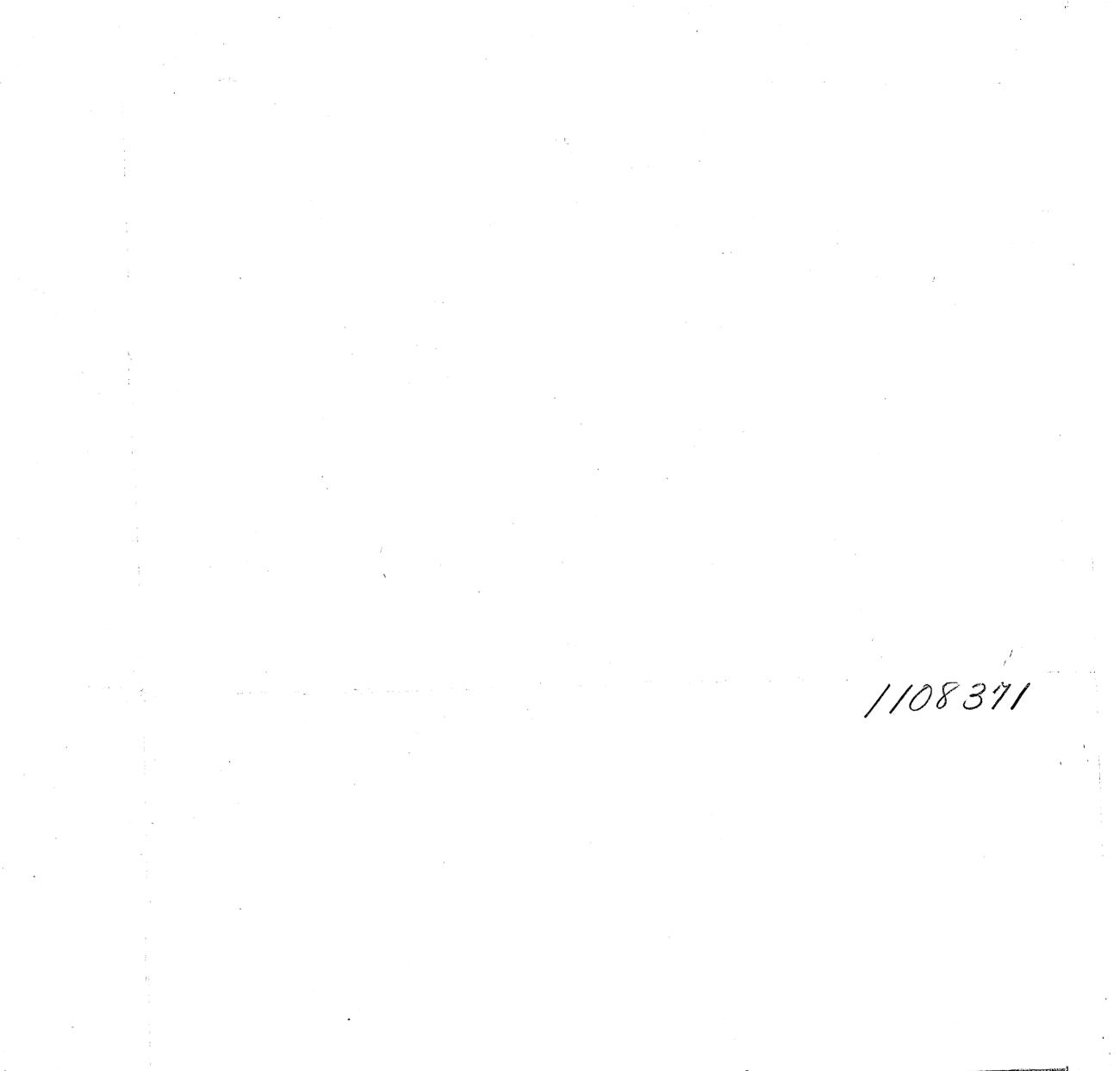
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	SIZE	WT		MENS	the second s	INTINC	HES	£
•			<u>A'</u>	<u>B'</u>	<u>C'</u>	D ,	<u> </u>	F' ~
	8"	660	233/8	131/2	9	9	121/2	12 1/2
	10"	810	2478	16	103/8	103/8	141/4	141/4
	12"	1280	30	19	11/2	115/8	17 1/4	17 4
	14"	2000	34	21	14	14	19 4	:1914
	[6"	2 30 0	3778	23 ¹ /2	15.	15	21	21
		3200			17 1/2	17 1/2	231/2	23 ¹ /2
	20"	3500	42 ³ /8	27 1/2	18 ³ /8	18 3/8	23 ¹ /2	23 1/2
	24"	500.0	48 1/2	32	20	20	25 ³ ⁄4	25 ³ ⁄4
	30"	11000	63 ³ /4	38 ³ ⁄4	26	26	36	36

ROSS VALVE MANUFACTURING CO.
TROY, NEW YORK
TITLE MODEL 50 RWR RELIEF AND
BACK PRESSURE REGULATING
VALVE SIZES 8" TO 30"
SCALE NONE DATE 8-7-36
MADE BY BS DRAWING NO 3605
REVISED 1961

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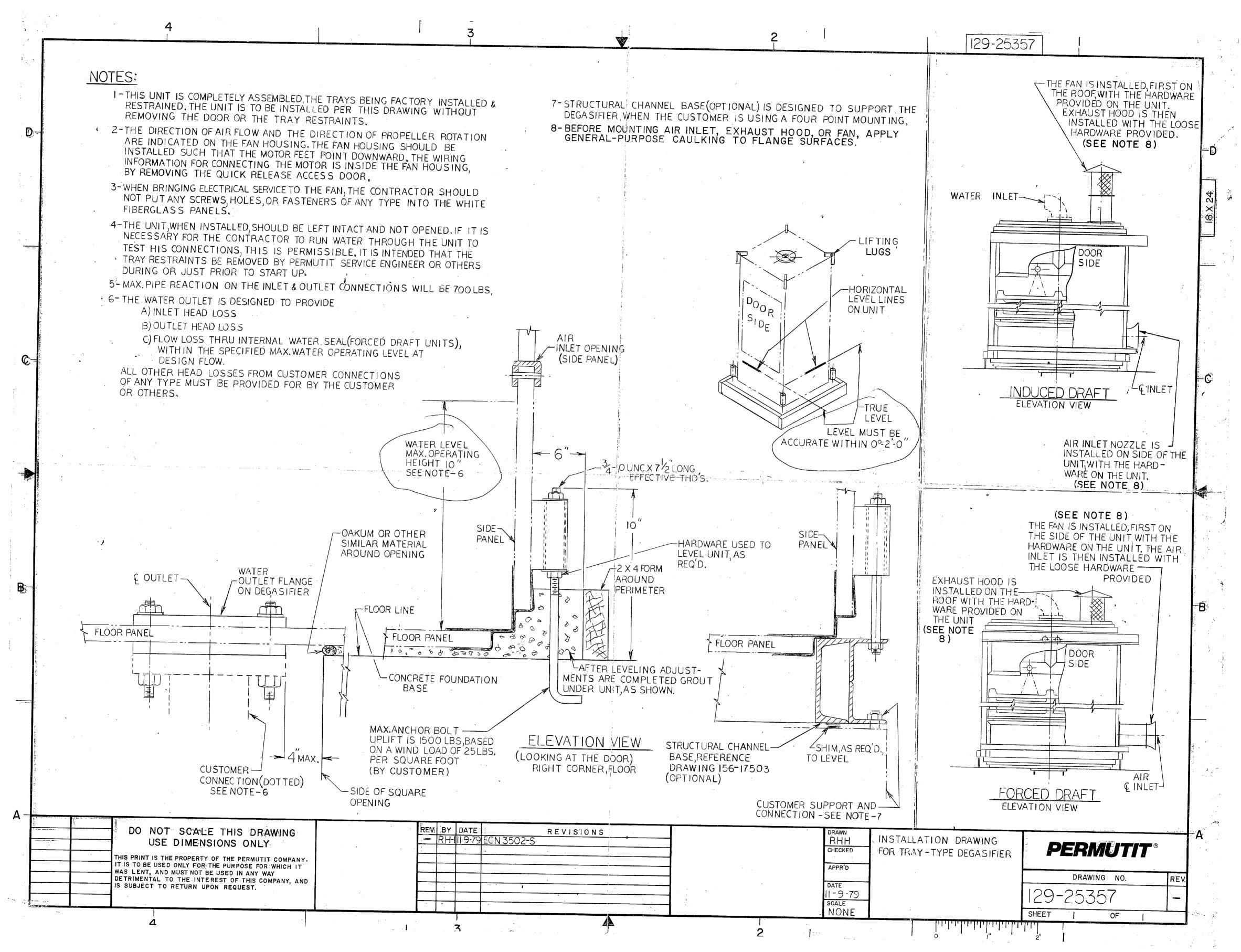
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ATLANTIC DIVISION NAVAL FACILITIES ENGINEERING COMMAND NORFOLK, VIRGINIA 23511 APPROVED: SUBJECT TO THE REQUIREMENTED OF CONTRACT NEY 8833 CONTRACT NEY 8833 APPROVAL OF MATERIALS AN OPPOY DIENT INDICATES CONFRANCE OF PROVIDENT INDICATES CONFRANCE OF PROVIDENT INDICATES CONFRANCE FOR PROVIDENT INDICATES CONFRANCE FOR PROVIDING REQUIREMENTED OF THE CONTRACTOR SHALL BE RESPONDENCE FOR PROVIDING PROPER PHYSICAL DIMENSIONS & WEIGHTS, COORDINATION OF TRADES. ETC. AS REQUIRED. H. N. WALLIN RADM, CEC, USN SOM DATE AUG 2 6 1968 COMLANTNAVFACENGCOM



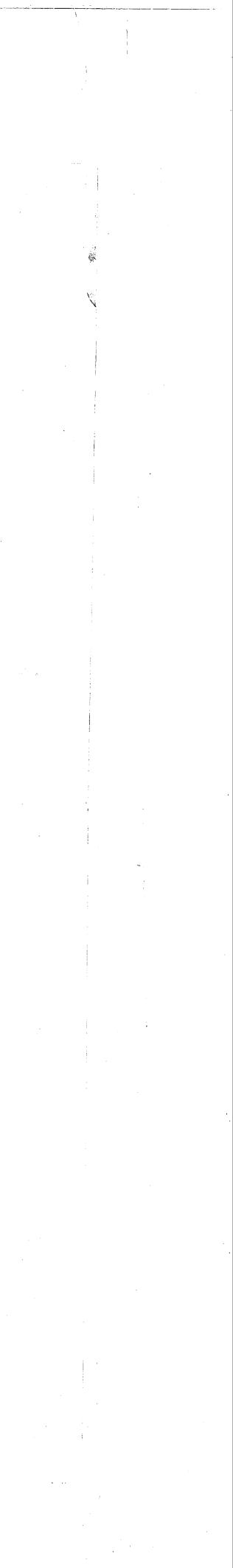


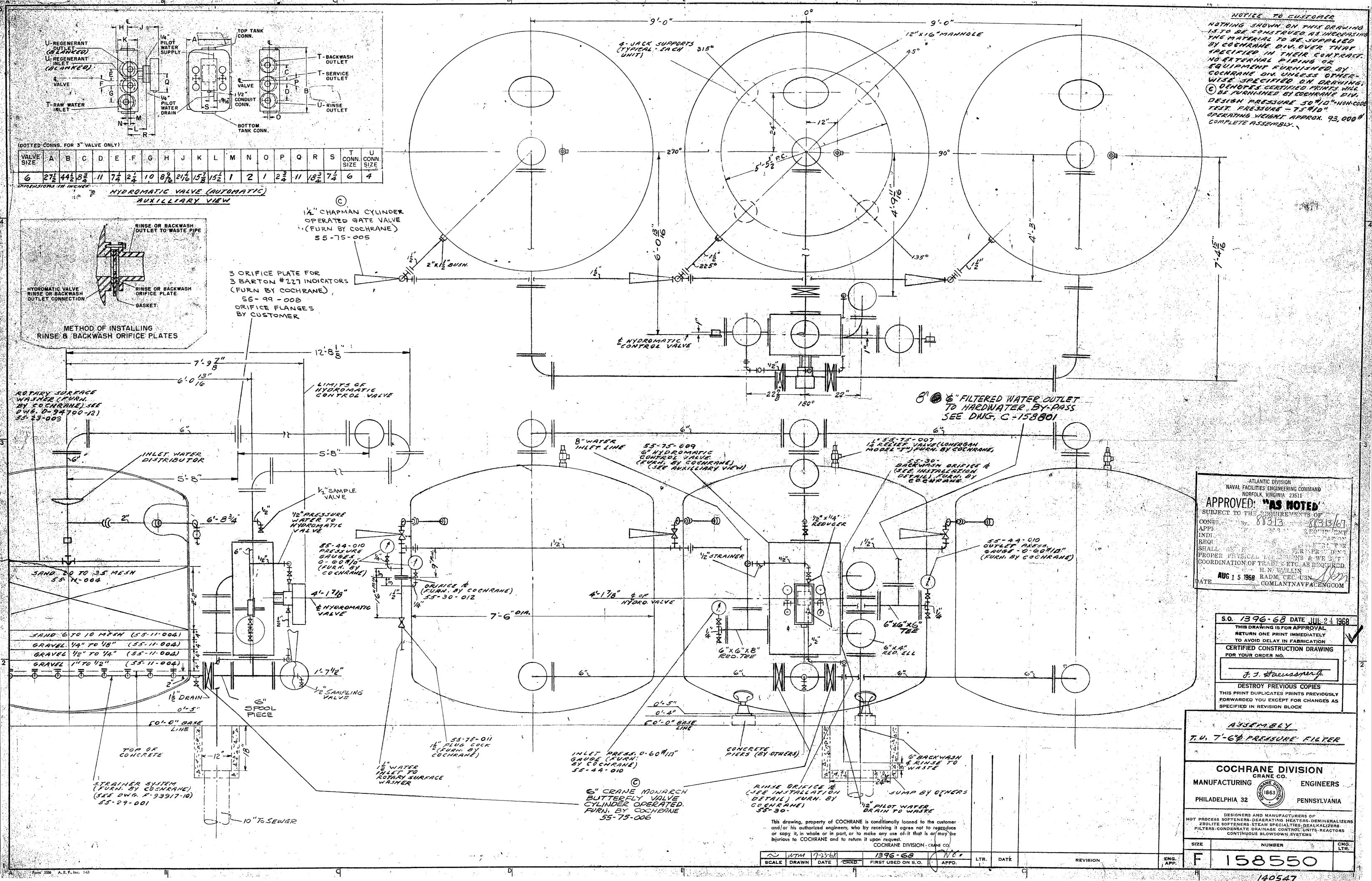
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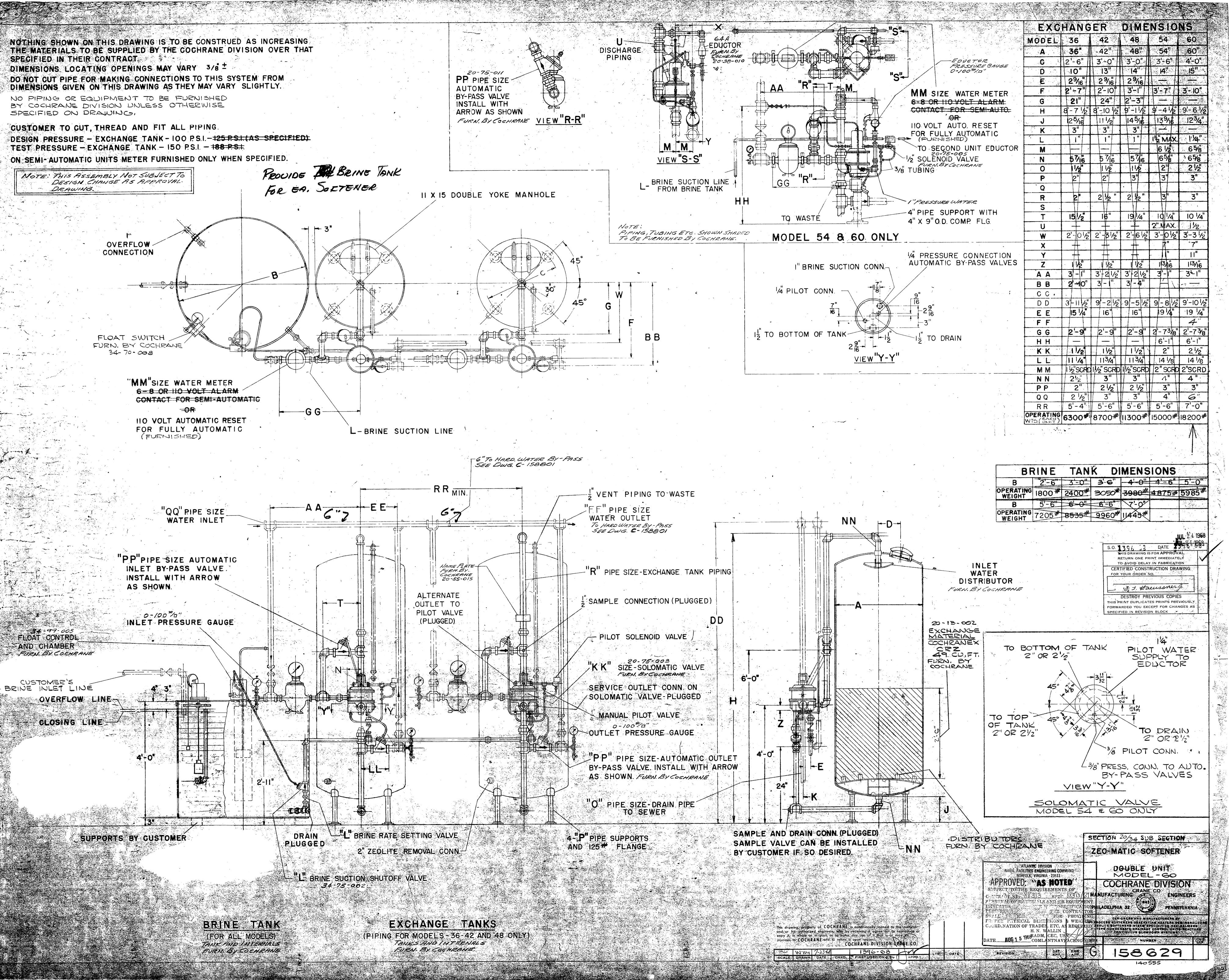
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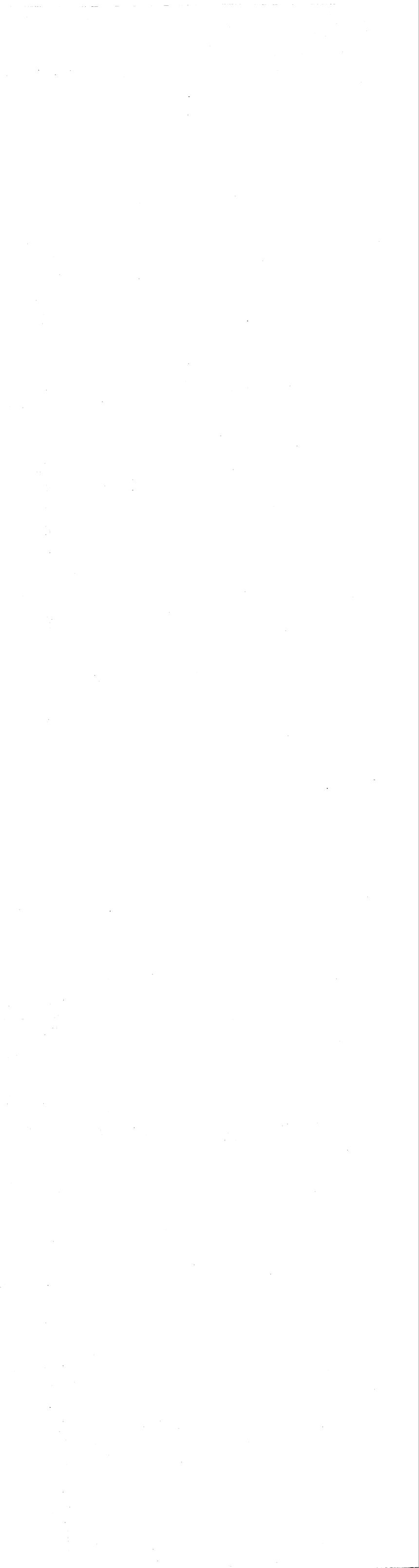
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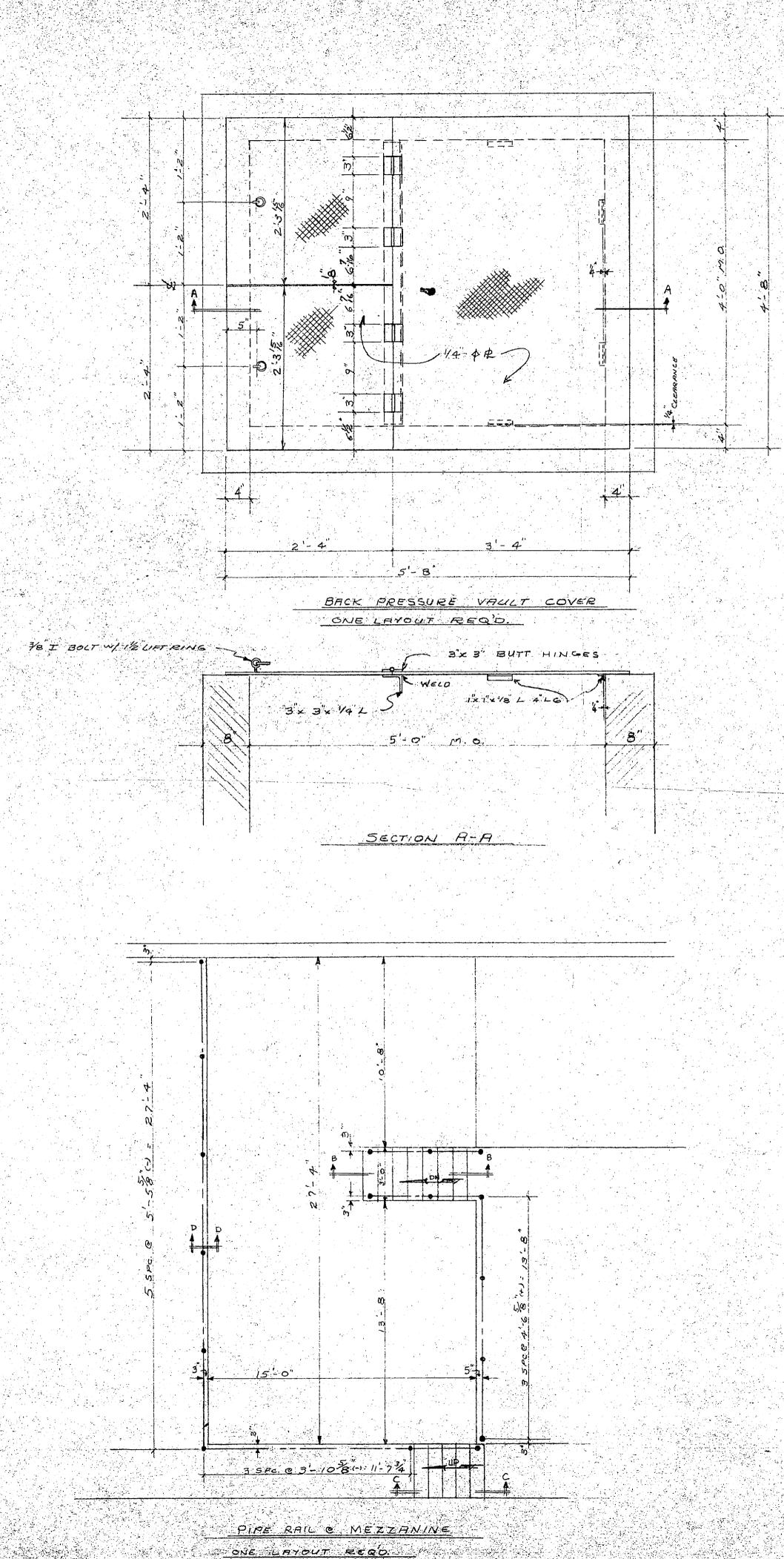
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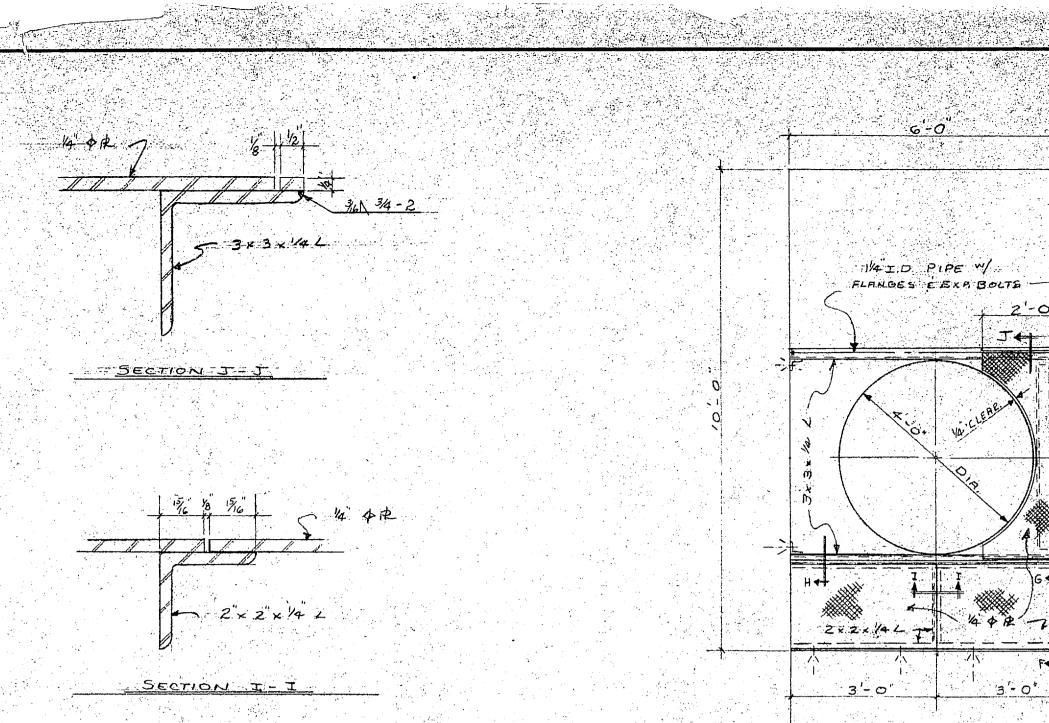
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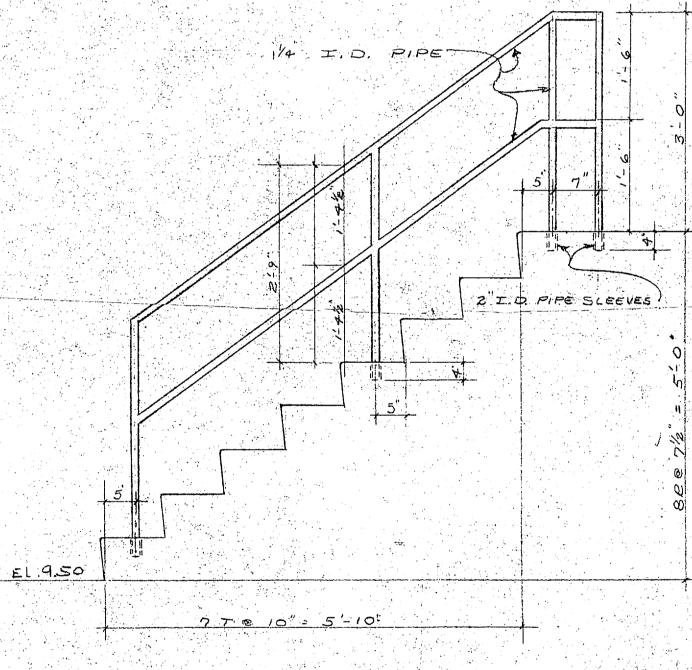


Sorn Photo Print & Supply Co., Greensboro, N. C. #1000F/ 1911-06

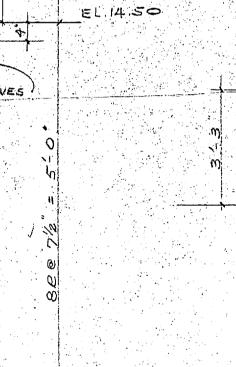
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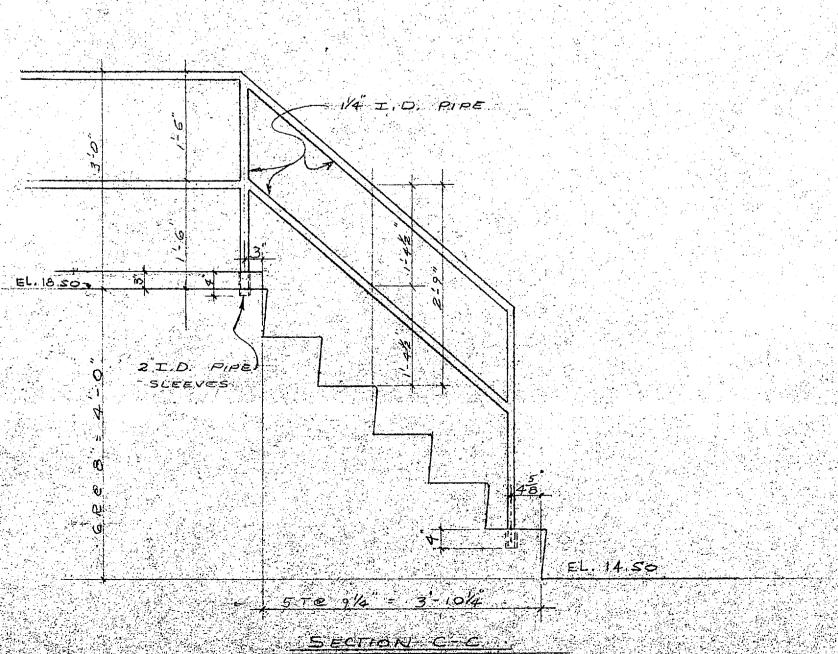
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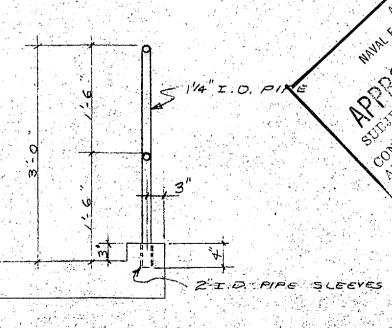


SECTION B-B

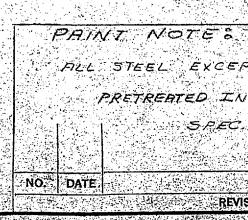


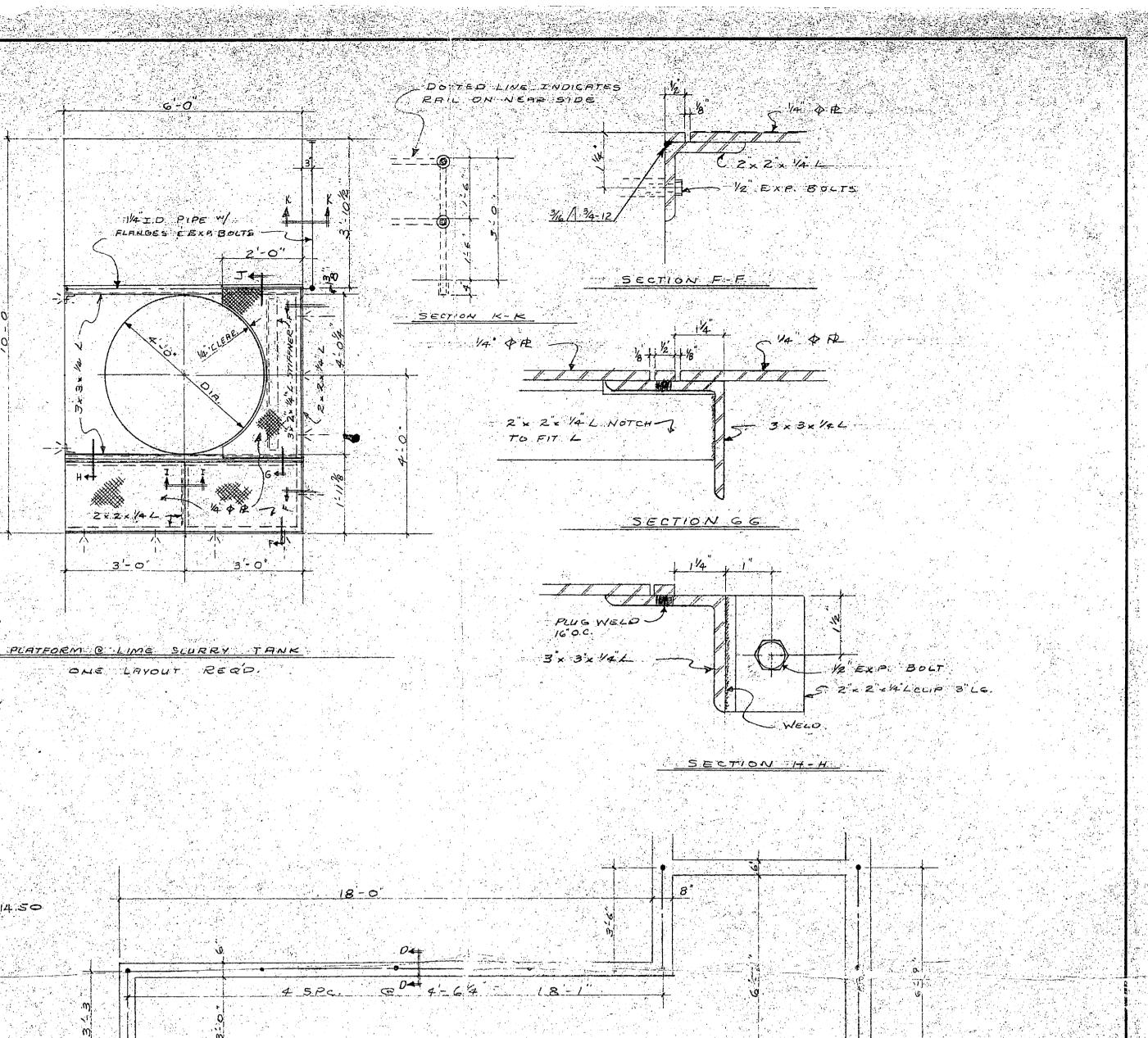
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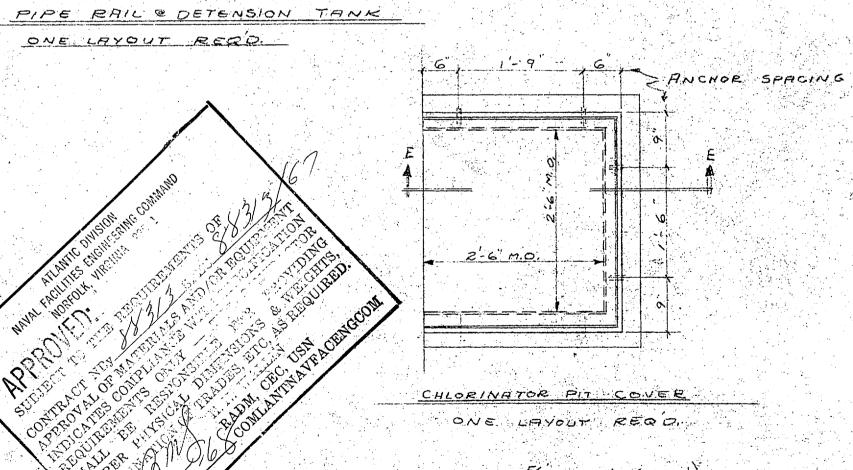


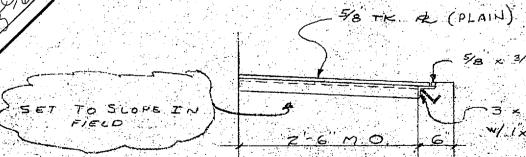
SECTION D-D





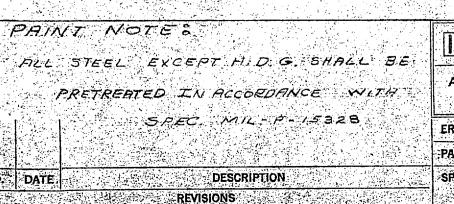
14 PIPE FLANGE W/ 14 EXP. BOLTS





SECTION E.E.

5/8 x 3/4 BAR WELD TOL. - 3 x 2 x 5/6 L FRAME W/ 1'x 3/16 x 4" LG RNCHORS



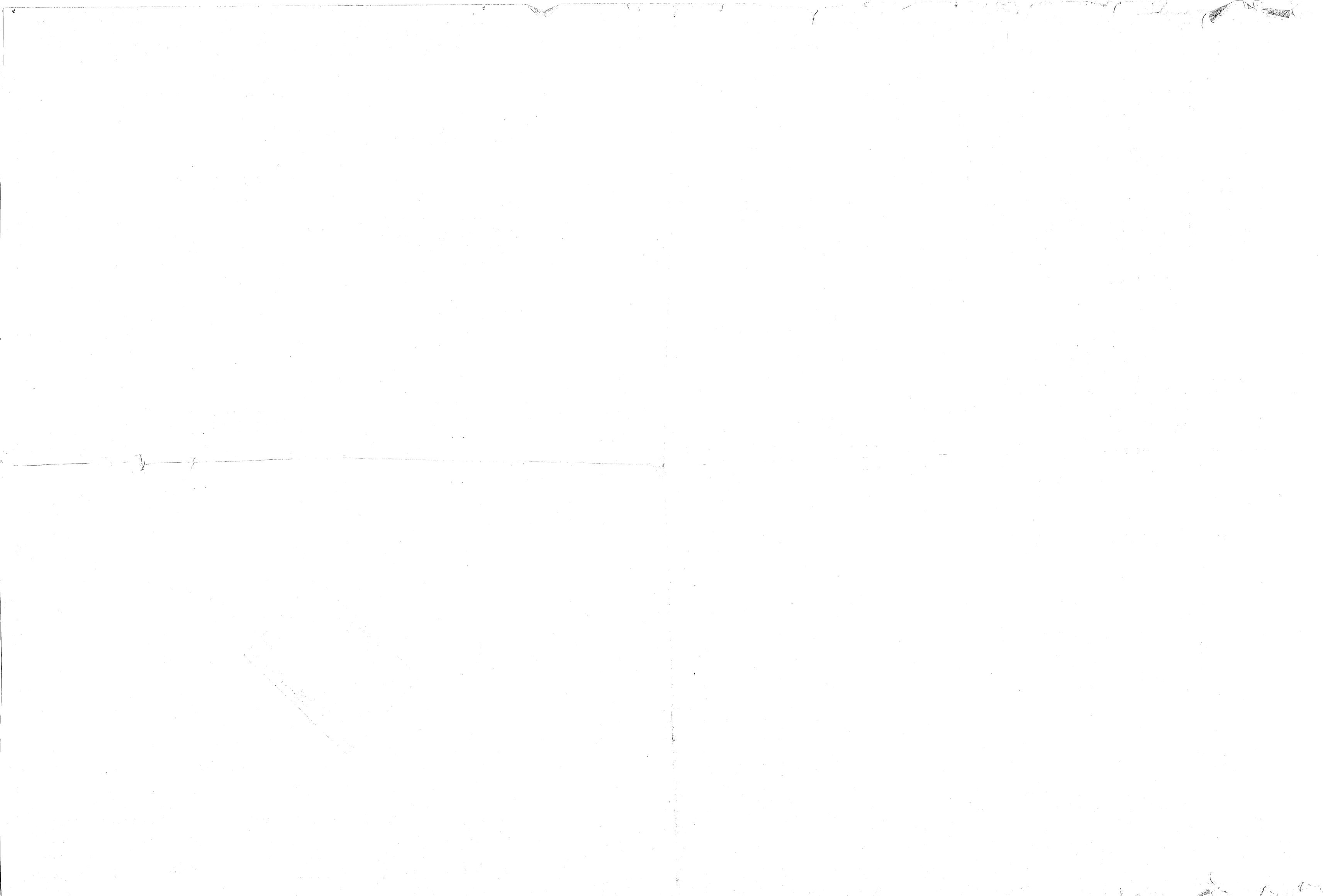
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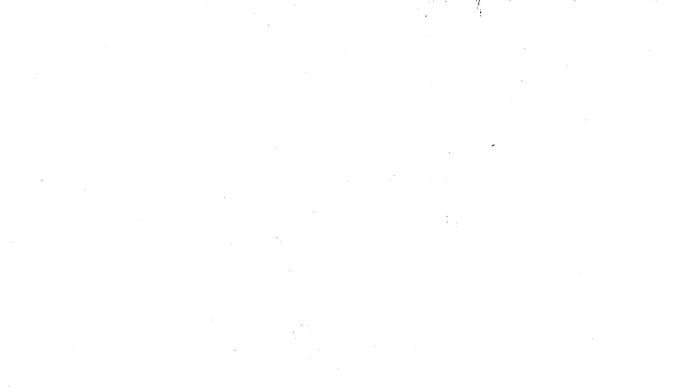
ARCHITECTURAL METALS . P. O. BOX 9073 GREENSBORO, N. C. ERECTION

PAINT RED LEAD SPECIAL INSTRUCTIONS

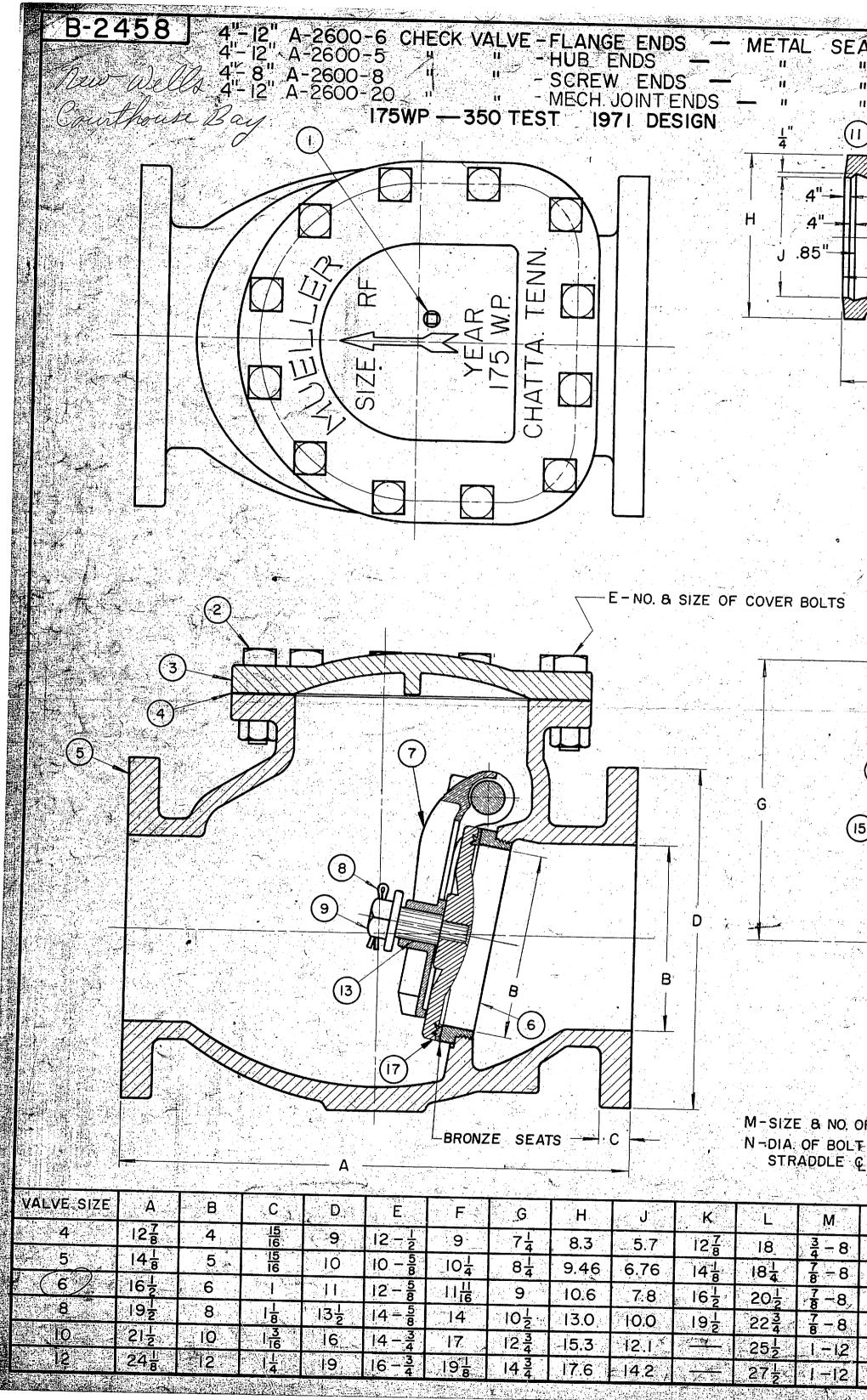
CAMP LEJUNE, N.C. CONTRACTOR BEOWN CONST. CO. CONCORD, N.C. ARCHITECT BURERUOF YARDS E DOCKS MADE BY DETAILS OF METRIES 473

PROJECT WATER TREATMENT PLANT









T - GRAVITY OPERATED			PAF	TS LIST		
	ITEM	the second s	REQ'D.		ASTM	
	2	TEST PLUG COVER BOLT	Ę.	STEEL		PLATED
	3	COVER		STEEL CAST IRON •	A126	ASA BIB.2 PLATED
	4	COVER GASKET BODY-FLANGE ENDS	 -	RUBBER	and the second	CLOTH INSERTED
	6	SEAT RING		CAST IRON BRONZE	AI26 B62	CL B
	7	CLAPPER ARM	1	BRONZE	B62	
	9	COTTER PIN STUD NUT		BRASS BRONZE		
		GASKET	2	RUBBER		
-4"- B	11	BODY-HUB ENDS BODY-SCREW ENDS		CAST IRON	A126	CL. B
	13	DISC STUD		CAST IRON BRONZE	A126 B21	CL. B ALLOY A 1/2 HARD
		HINGE PLUG & PIN	2	BRONZE	B62	
		CAP SCREW	4	STEEL RUBBER		ASA BI8.2 PLATED
	17	DISC W/ BR. DISC RINGS	1	CAST IRON	A126	BUNA N CL.'B
L	18	BODY-MECH. JOINT ENDS	1 2	CASTIRON	AI26	CL.B
	20	BOLT & NUT	Ŵ	CAST IRON	AI26	CL.B FED.WW-P-42IA
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BOLT HOLES CIRCLE,					K	
BOLT HOLES CIRCLE, NOPRST					K	
BOLT HOLES CIRCLE, $\frac{N}{7\frac{1}{2}}$		REPLACES DWG	6237 BY	ELEIS 2-2-66	K B DWG E	5934 BY GPL 2-12-69
$\frac{1}{12} + \frac{1}{12} $		8 REPLACES DWG. Dra nx Vx/F.G. 8-28-1 CH ORTON 1-27-7	OVPE	REP. NC	PURCH	•ED C. 8. NO.
$\frac{1}{10}$		8 REPLACES DWG. DR BY W.F.G. 8:28.0 CH ORTONI 1-27-7 ENGR R.L.R. J.27.7 DREJ	С Р Е	ELLIS 2-2-66 REF. NO.	PURCH	•ED C. 8. NO.
$\frac{N 0}{9\frac{1}{2}} = 6.80 \frac{3}{6} 2\frac{1}{2} 7\frac{1}{2} 22\frac{3}{6} $		8 B B B B B B B B B B B B B	0 VPE	REF. HC	PURCH YES [] 3#5CAI 8 =	•ED C. 8. NO.
$\frac{N 0}{\frac{1}{2}} = \frac{P R}{\frac{1}{2}} = \frac{1}{2} = \frac{1}$		8 REPLACES DWG. PART VV.F.G. 8:28. CH ORTON! 1-27-7 ENGR R.L.R. 1-27-7 ENGR R.L.R. 1-27-7 PBFT STOCK.Nu. 12 12 16	071 CH EN 0 VPE 0 PROD AAVERIAL LINE	RZE, HO	PURCH VES 3. (SCAL 8 =	тер С. я. No
N O P R S T $7\frac{1}{2}$ 4.80 $9\frac{1}{8}$ 10 15 20 $8\frac{1}{2}$ $9\frac{1}{2}$ 6.80 $11\frac{3}{6}$ $12\frac{1}{2}$ $17\frac{1}{2}$ $22\frac{3}{8}$ 1 $11\frac{3}{4}$ 9.05 $13\frac{5}{6}$ 15 20 $25\frac{3}{2}$ 1 $14\frac{1}{4}$ 11.10 $15\frac{13}{16}$ $17\frac{3}{4}$ $22\frac{3}{4}$ $28\frac{3}{8}$ 1		8 REPLACES DWG. big ax VX/F.G. 8 28 cr ORTON* /-27-7 ENGR R.L.R. J-27-7 D863 TOCK.NU/ 12 TOLER-	071 CH EN 0 VPE 0 PROD AAVERIAL LINE	RZF, HC	PURCH VES 3. (SCAL 8 =	тер С. я. No



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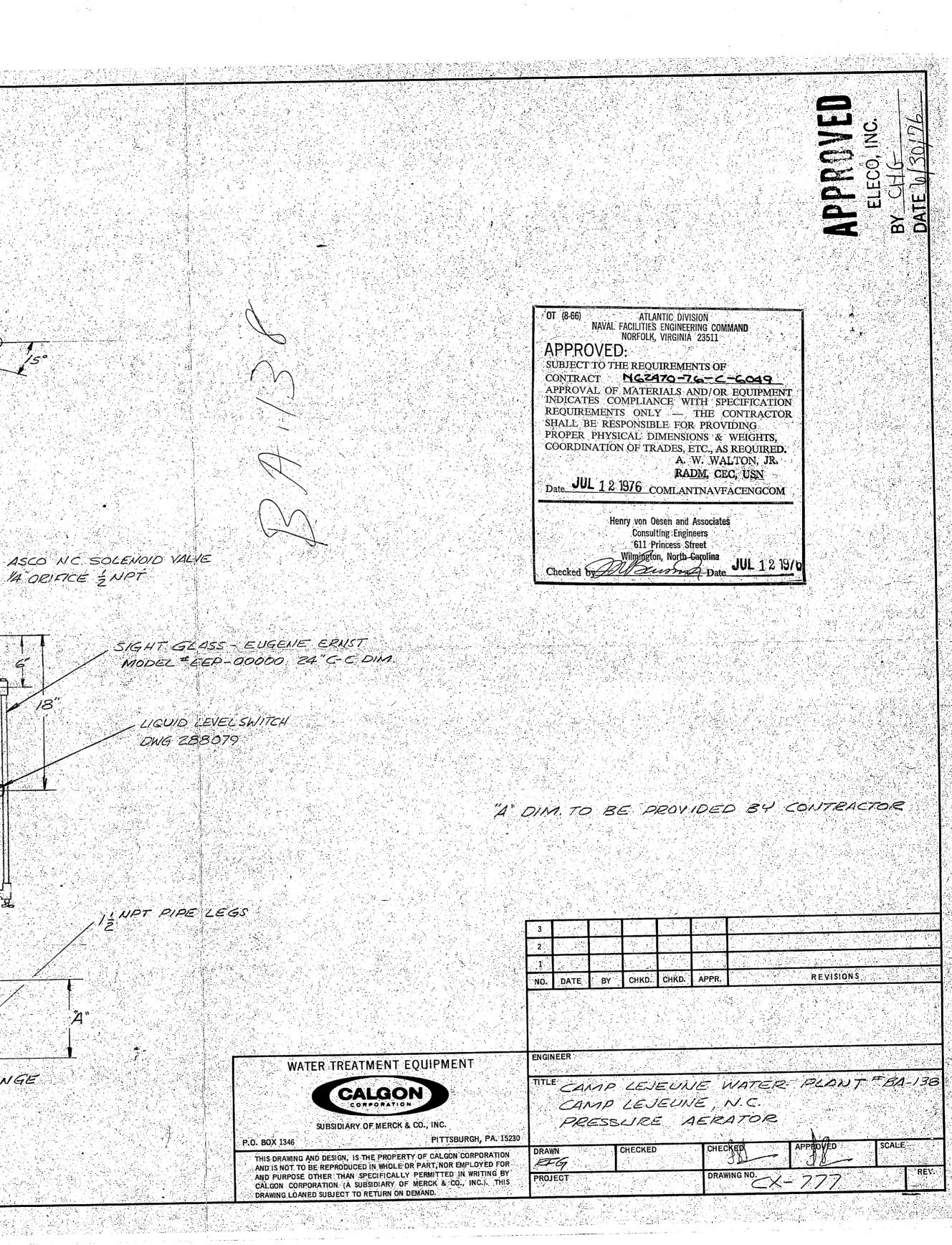
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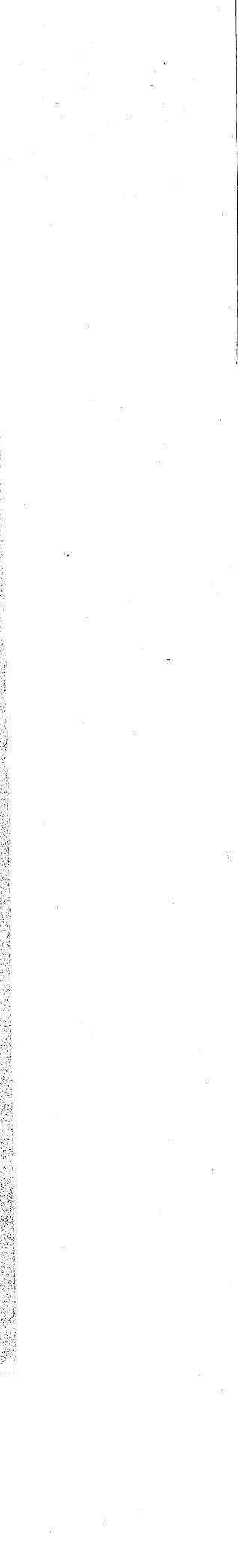
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HAND HOLE WLET 2' NPT-20" DIAX 36" SIDE SHELL 100" ASME TANK LINED W/ PLASITE 7133, PRIME COAT EXTERIOR HANDHOLE -OUTLET 2;"NPT--FLOOR FLANGE

BRUNING 40-5





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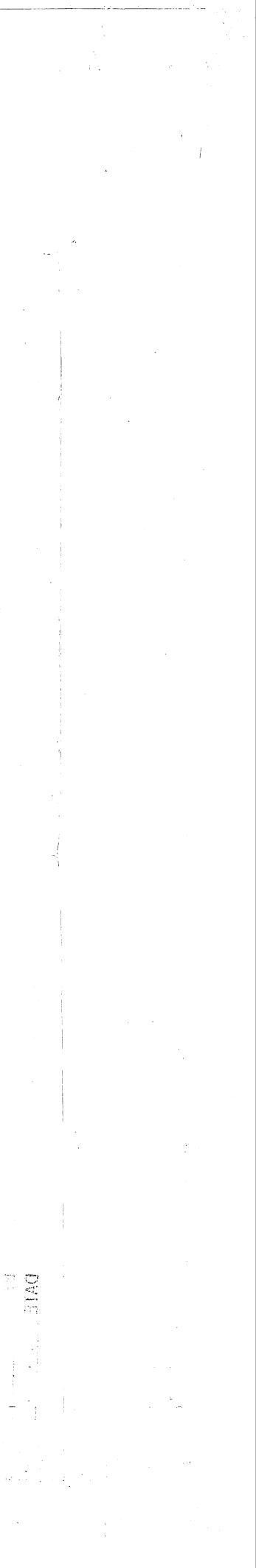
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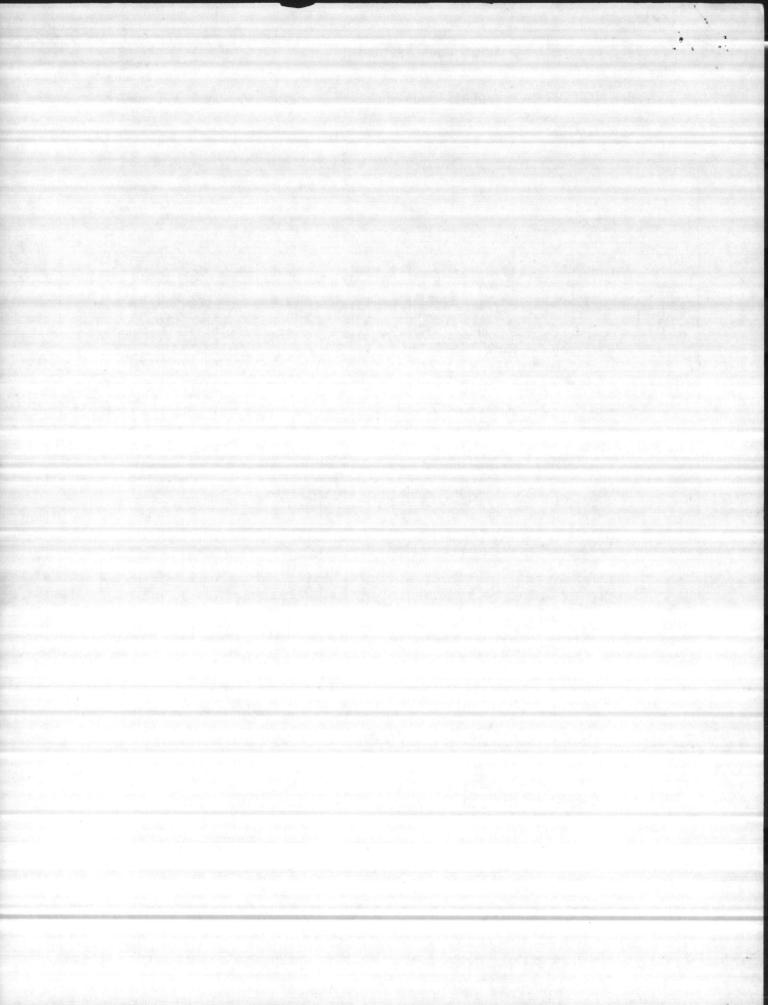
253-68-22-20068 GAIT Proposal Numbe **TYPES CNG-CNGE** ALAI From 1 12 ITEM NO. GROUP | WORTHINGTON **VOLUTE PUMPS** Customer Name and Refe HC ALL PIPE TAPS ARE PLUGGED AB Z DISCHARGE M + NAC 18 P.T. FOR SEAL CAGE COUPLING CONNECTION SUCTION X AF 51/2 AA 12 1/2 DRILL - 4 HOLES HD ALTERNATE NOZZLE POSITION REFER TO HG TABULATION SHAFT 23/ 234 FOR COUPLING GUARD AVAILABILITY KEY WAY FURNISHED WHEN 41/16-5% 13/2 3/16"×3/32 -1% - HF 3/8 HF VSP.T.-DRAIN AL HH DRILL-4 HOLES HA HP HF HP ALL DIMENSIONS ARE IN INCHES 10 HB PUMP DIMENSIONS BASE & MOTOR DIMENSIONS 150#F.F.FLG PUMP NOZ DRAIN NET OLD NEMA NEW NEMA APPR. WT. AL CP X Y Ζ HA HB HD HE HF HG HP HH 1 SIZE SUCT. DISCH POS. POS. WT. FRAME M+N CPLG FRAME M+N CPLG BASE MOT 3/4* 55/8 1513/16 61/4 3/4CNGE-42 49 1 41/2 3 3-2 53% 50 30 165/16 T=1/2 63/4 33/4 39/6 27/8 2-4 1 CNG -32 1/2 1 61/8 56 618 55 77/0 L-070 CNG -42 11/2 53/4 1515/16 63/8 41/4 33/6 31/4 2-4 66 23 81/6 45/8 21/2 215/6 3/4 5/8 61 12 40 55 I CNG -52 57/8 61/2 41/2 31/4 33/4 2-4 1/2 1 161/16 66 143 61/4 143T 61/2 30 L-090 L-090 T=1/2 T=1/2 1 CNG -64 1/2 151/16 51/4 27/8 41/4 63/4 1 51/2 61/8 2 72 145 145T 7 34 73/4 714 182 182T 63 L-095 L-099 T=1/2 T=3/4 73/4 184 184T 81/4 70 29 8/16 45/8 27/ 215/ 34 5/8 50 L-100 T=3/4 12 PILMP DRAIN 95/8 PIPE TAP L-099 NOZ NET 213 91/4 213T 120 AL CP X Y Ζ 1 POS. SIZE POS. WT. L-110 T=7/8 L-100 T=3/4 215 10 215 T 103/8 135 45 121/8 123/8 254U 254 T 15 32 95/8 61/8 30 33/8 1 3/4 90 180 3/4 CNG-42 3/4 43/4 14'5/16 53/8 41/2 21/8 1-110 1-150 1 3 55 2-3-4 T=7/8 131/4 T= 1 13 256 T 37 95/8 61/8 35 33/8 1 3/4 107 213 256U 15 * 3/4" DISCHARGE FLANGE HAS I" STD. FLG. DIA. & DRILLING 13 HC AA AB AC AF 2.6 10 FRAME MSG MOTOR DATA TYPE R.P.M CYCLES ASE VOLTS CERTIFIED B -20 OUR SHOP ORDER THIS PRINT IS LOANED SUBJECT TO RETURN ON DEMAND AND UNDER CONDITION THAT IT IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO OUR INTEREST. DO NOT SCALE, ADDITIONAL DIMENSIONS WILL BE FURNISHED ON REQUEST. THIS PRINT IS FOR PRELIMINARY USE UNLESS ABOVE SPACES ARE FILLED. DIMENSIONS ARE FROM DRAWINGS, CASTINGS MAY VARY FOUNDATION BOLTS MUST NOT BE FIXED RIGIDLY UNTIL MACHINE IS IN PLACE. SLIGHTLY. DIMENSION SHEET

WORTHINGTON CORPORATION

DRAWING NO.

A PRINTING SECTI

ORDER BLANK FORMS FROM STATIONERY & PRINTING SECTION, HARRISON. USE

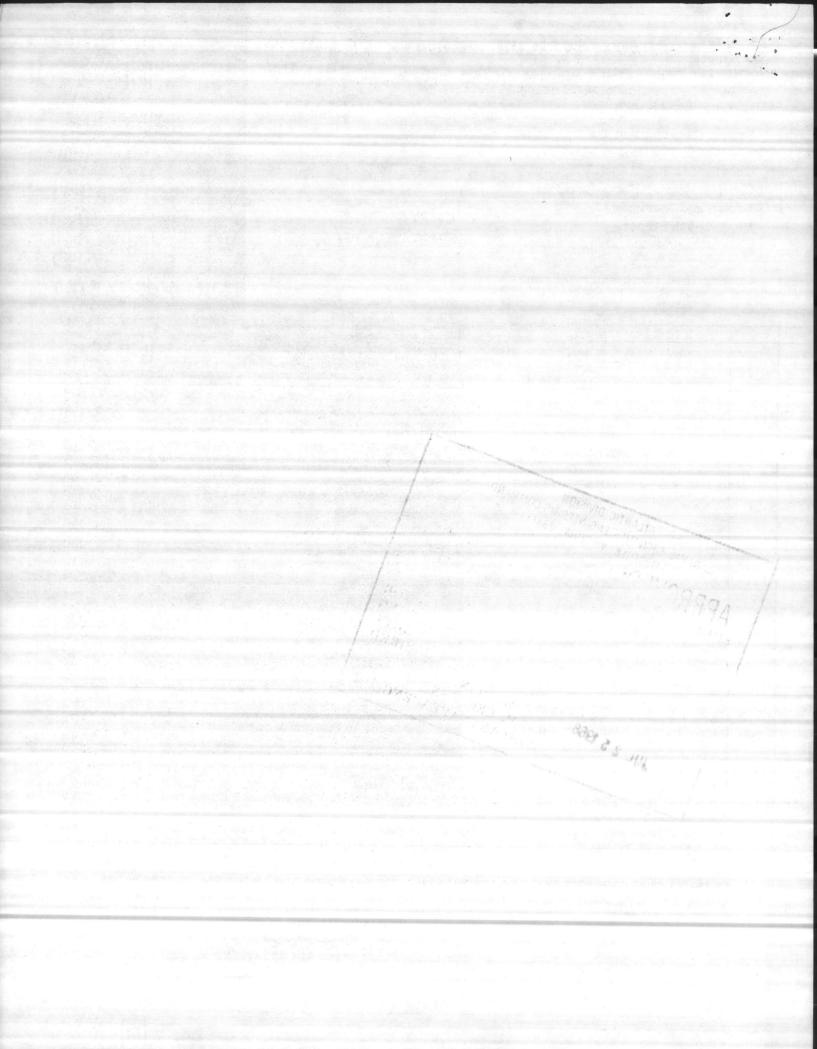


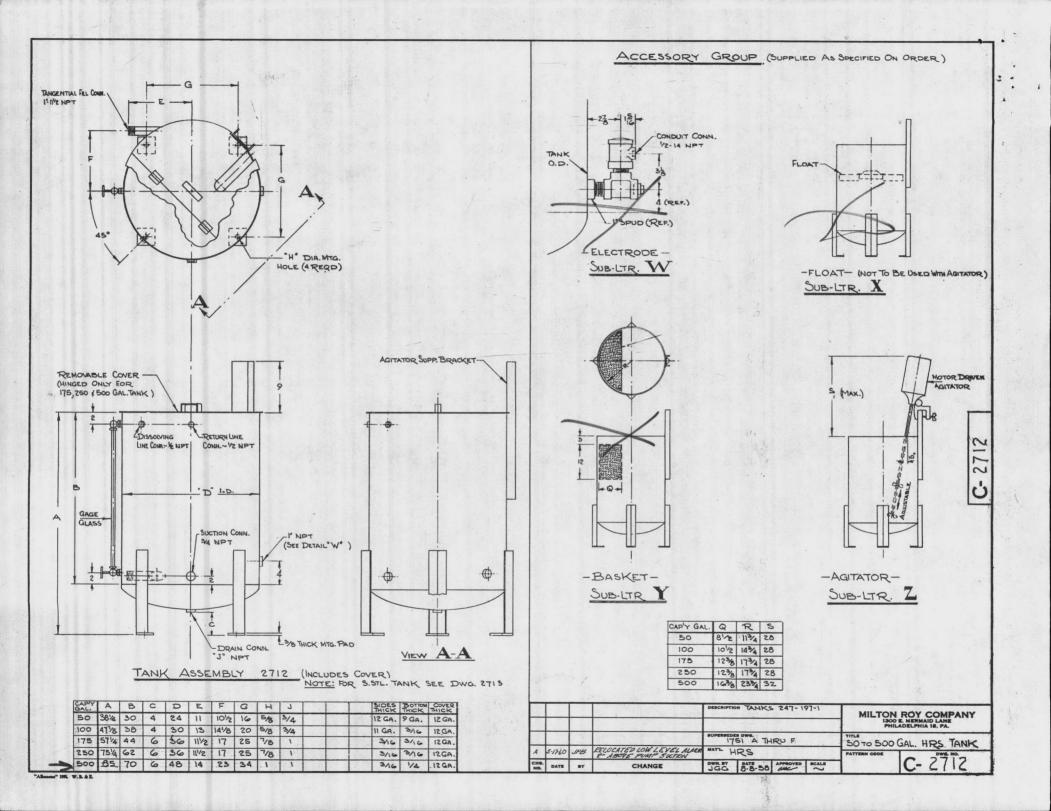
CERTIFIED PRINTS MILTON 1300 E. MERMAID LANE, CHESTNUT HILL MONTGOMERY CO., PHILA. 18, PA. DATE WRITTEN CUSTOMERS ORDER NO. AND DATE OUR 108 NO 5/28/68 11 87252(2) 68-347 Brown Construction Co. c/o Water Treatment Plant SHIP Courthouse Bay то Camp Lejeune, North Carolina TERMS-NET 30 DAYS. Brown and Morrison F.O.B. F/A 1900 E. 7th Street YOUR REPRESENTATIVE IS: 015 - Brown and Morrison SOLD Charlotte, North Carolina 28264 то MARK Order 378-4 Lime Slurry System WE WILL SHIP VIA 8 weeks after p/a Motor Freight - Prepaid Pg 2 of 2 DESCRIPTION QUANT. ITEM B Sus 500 gallon hot rolled steel standard tank and lid Ball Cast iron gage glass ass'y. gung NAVAL FACILITIES ENGINEERING COMMAND Certified Drawing: NORFOLK, VIRGINIA 23511 B-Freight 2 -OF APPROVED RB 88313 UBJEC CUURDINATION OF TRADES H.N. WALLIN H.N. WALLIN RADM, CEC, COMLANTN JUL 2 5 1968

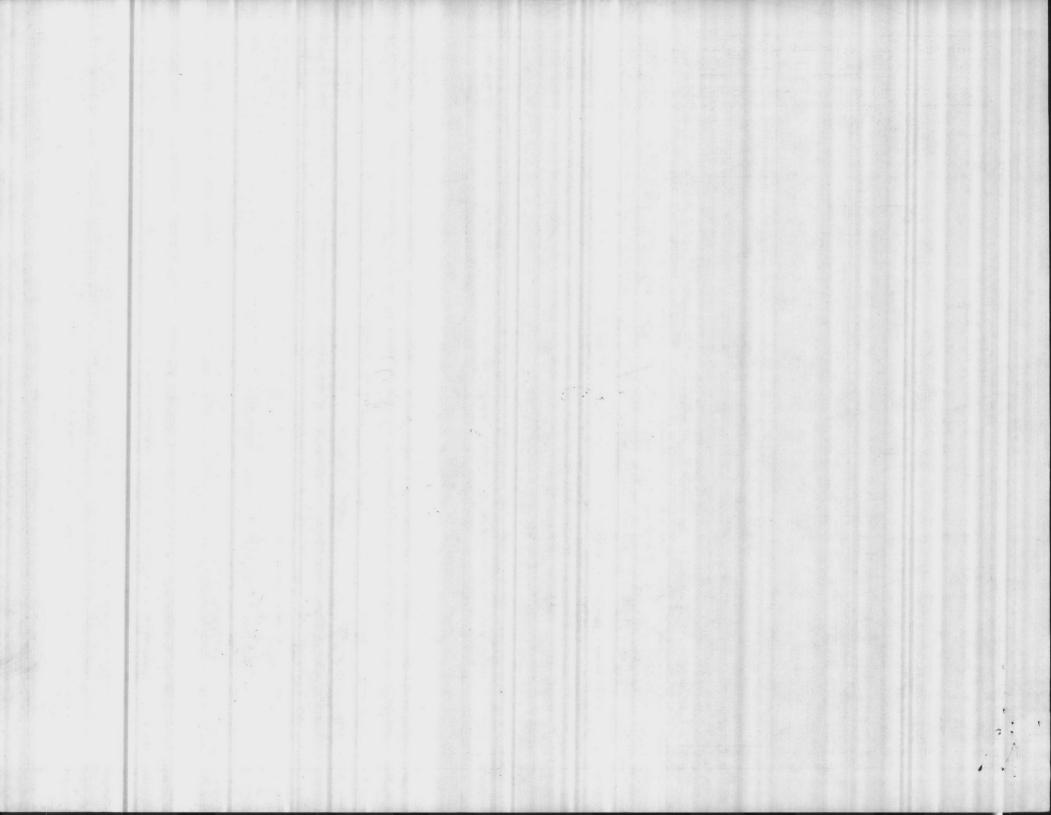
WE HEREBY CERTIFY THAT THIS PRINT IS CORRECT ACCORDING TO DIMENSIONS FOR PUMP OR ACCESSORIES DESCRIBED ABOVE AND APPLYING HERETO AND AS IDENTIFIED BY PURCHASE ORDER NUMBER AND MILTON ROY PUMP SERIAL NUMBER INDICATED ABOVE. CORRESPONDENCE REFERRING TO THIS EQUIPMENT SHOULD INCLUDE ORDER NUMBER AND PUMP SERIAL NUMBER FOR PROMPT IDENTIFICATION AND REPLY.

SINCERE MILTON ROY COM

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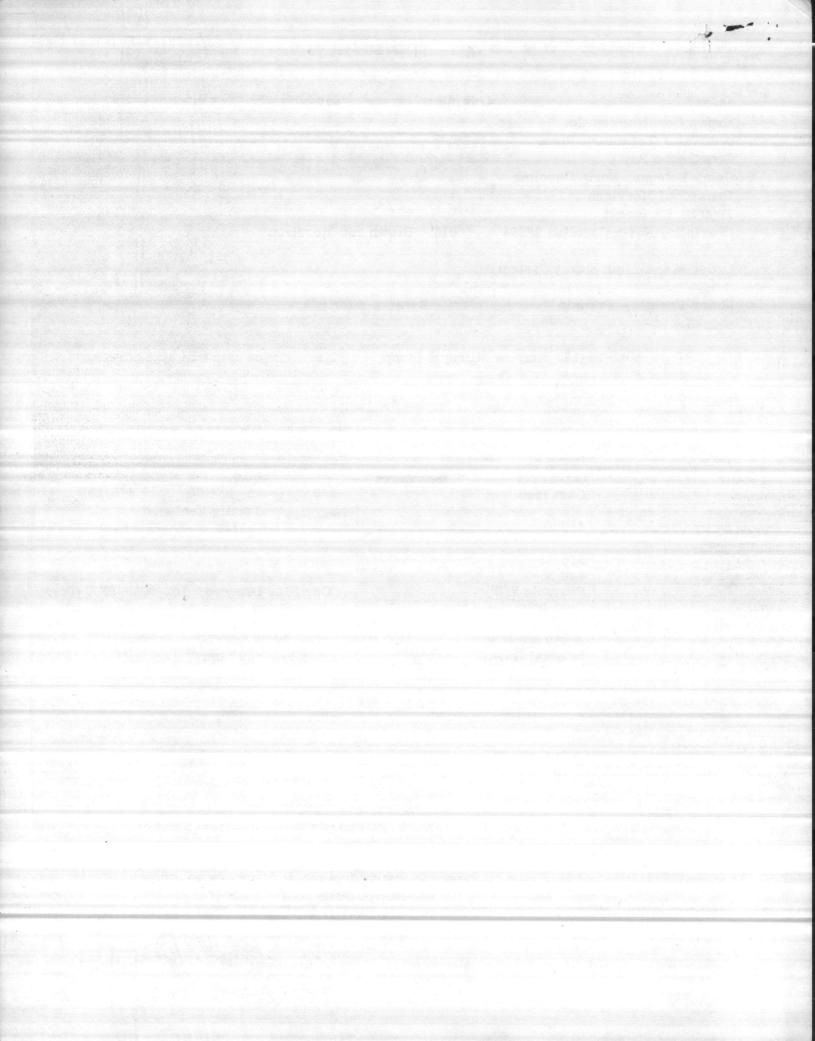


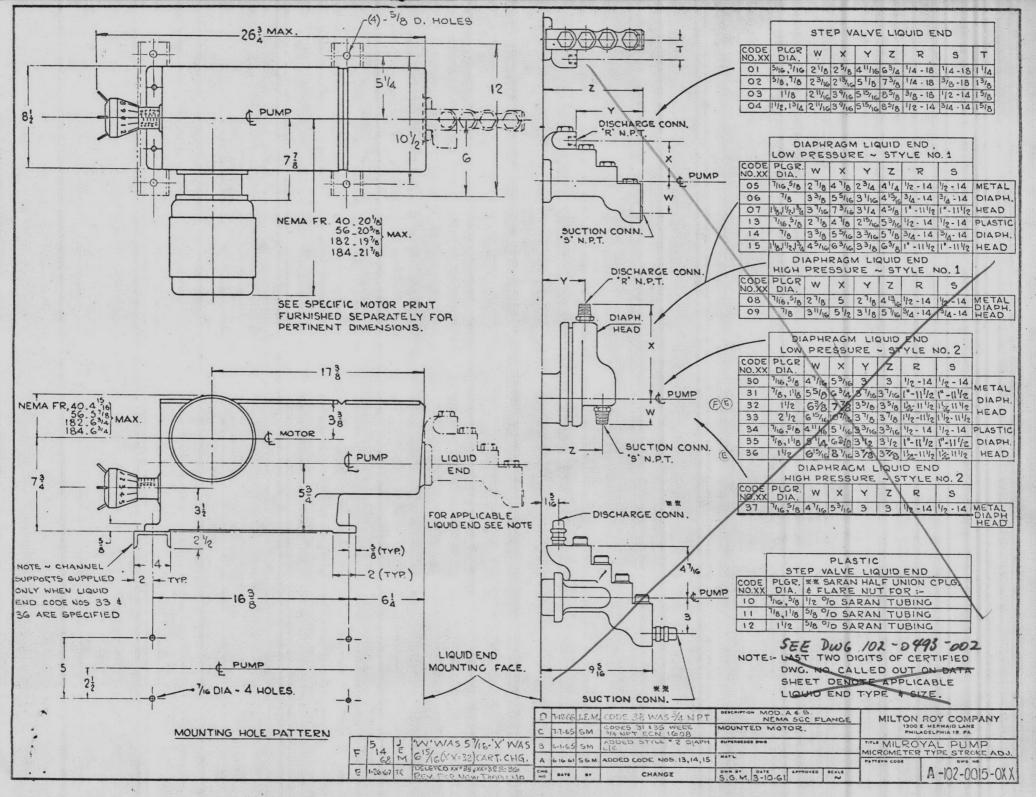
milton	. B/	ILTON	ROY COM	CERTIFIED PRINT
CONTROLLED VOLUME PUMPS		And the second		
	130	O EAST MERMAI	D LANE, PHILADE	LPHIA 18, PA.
CUSTOMERS ORDER 68-347	NO. ANI	D DATE DA	5/28/68 ji	PUMP SERIAL NO. 87252(1) NO.
- Brown Co	onstruct	tion Co.		
ship c/o Wate	r Treat	ment Plant	ABOVE NO. AS TH	HAVE ASSIGNED THE
TO Courthou	se Bav	· · · · · · · · · · · · · · · · · · ·	YOUR MILTON RO	Y PUMP. PLEASE
		North Carolina	REFER TO IT AT A	OU.
Brown an	Rentered water and a second second	LINES AND SERVICE PROCESSION AND A COMPACT A	TERMS-NET 30 DA	
1900 E.		and the second	F.O.B. F/A	
		n Carolina 28204	YOUR REPRESENT	Ting Morrison
MARK:	8-4 Lin	ne Slurry System		
VIA			WE WIL	
Motor Fr	eight -	Prenaid		after p/a
ITEM QUANT. Pg1		DESCRIPTION		
	a state they			
A 1 Mo	dal MR	1-35-113 Simpler	Milpoval Dumm	
	del A	P.OO. TTO DITTOTO	P TATTE AN A COT Y COTINES	
Al 1 Dri				
A2 1 Fr	eight			
and a state of the second		the state		
		Pump #1	and the second	
PART	NO.	RIGHTSIDEXX	LEADEXXX	1/3 H. P. PHASE 60 CYCLE 115/23 VOLTS
LIQUID END	21	Cast Iron		Stadatter Washaras
LIQUID END CAPS	22	416 SS		ENCLOSURE Totally Enclosed
OR COVERPLATEX Ca	25	210 00		1725 R. P. M. A.C. D. 6
BALL SEATS	25	316 SS		
BALL SEATS	24	440 SS	and the second	NEMA 56C flange mounted
STILL TALVES				TITUTE OO TRATA
PLUNGER			512	
PLUNGER	12	Ceramic 7/	311	Certified Drawing: 102-0015-0XX (Pump)
GLAND	12 8	Ceramic 7/4 Cast Iron	312	
	12 8 6	Ceramic 7/6 Cast Iron Steel		Certified Drawing: 102-0015-0XX (Pump)
GLAND LANTERN RING	12 8	Ceramic 7/6 Cast Iron Steel Neoprene D	ıck	Certified Drawing: 102-0015-0XX (Pump) and 102-0493-002 (column valve suppl
GLAND LANTERN RING PACKING RECOMMENDED LUB.	12 8 6 5	Ceramic 7/6 Cast Iron Steel Neoprene D Internal flus	ick h	Certified Drawing: 102-0015-0XX (Pump)
GLAND LANTERN RING PACKING	12 8 6 5	Ceramic 7/6 Cast Iron Steel Neoprene D Internal flus	ick h	Certified Drawing: 102-0015-0XX (Pump) and 102-0493-002 (column valve suppl
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GLAND LANTERN RING PACKING RECOMMENDED LUB. 1-1/2stroke Adju	12 8 6 5 STMENT	Ceramic 7/6 Cast Iron Stoel Neoprene D Internal flus By Micromete	ick h	Certified Drawing: 102-0015-0XX (Pump) and 102-0493-002 (column valve suppl suction con. 1" npt " discharge con. 1" np
GLAND LANTERN RING PACKING RECOMMENDED LUB. 1-1/2stroke Adju	12 8 6 5	Ceramic 7/6 Cast Iron Stoel Neoprene D Internal flus By Micromete	ıck h ər	Certified Drawing: 102-0015-0XX (Pump) and 102-0493-002 (column valve suppl suction con. 1" npt " discharge con. 1" np TEMP. Ambient
GLAND LANTERN RING PACKING RECOMMENDED LUB. 1-1/2stroke Adju	12 8 6 5 STMENT	Ceramic 7/6 Cast Iron Steel Neoprene D Internal flus By Micromete	ıck h er	Certified Drawing: 102-0015-0XX (Pump) and 102-0493-002 (column valve suppl suction con. 1" npt " discharge con. 1" np
GLAND LANTERN RING PACKING RECOMMENDED LUB. 1-1/2STROKE ADJU #1 SOLUTION Lim GPH/SIDE 23 SOLUTION	12 8 6 5 STMENT	Ceramic 7/6 Cast Iron Steel Neoprene D Internal flus By Micromete	ıck h ər	Certified Drawing: 102-0015-0XX (Pump) and 102-0493-002 (column valve suppl suction con. 1" npt " discharge con. 1" np TEMP. Ambient suction pressure Flooded
GLAND LANTERN RING PACKING RECOMMENDED LUB. 1-1/2STROKE ADJU #1 +1 SOLUTION Lim GPH/SIDE 23	12 8 6 5 STMENT	Ceramic 7/6 Cast Iron Steel Neoprene D Internal flus By Micromete	ick h er E 225 max.	Certified Drawing: 102-0015-0XX (Pump) and 102-0493-002 (column valve suppl suction con. 1" npt " discharge con. 1" np TEMP. Ambient

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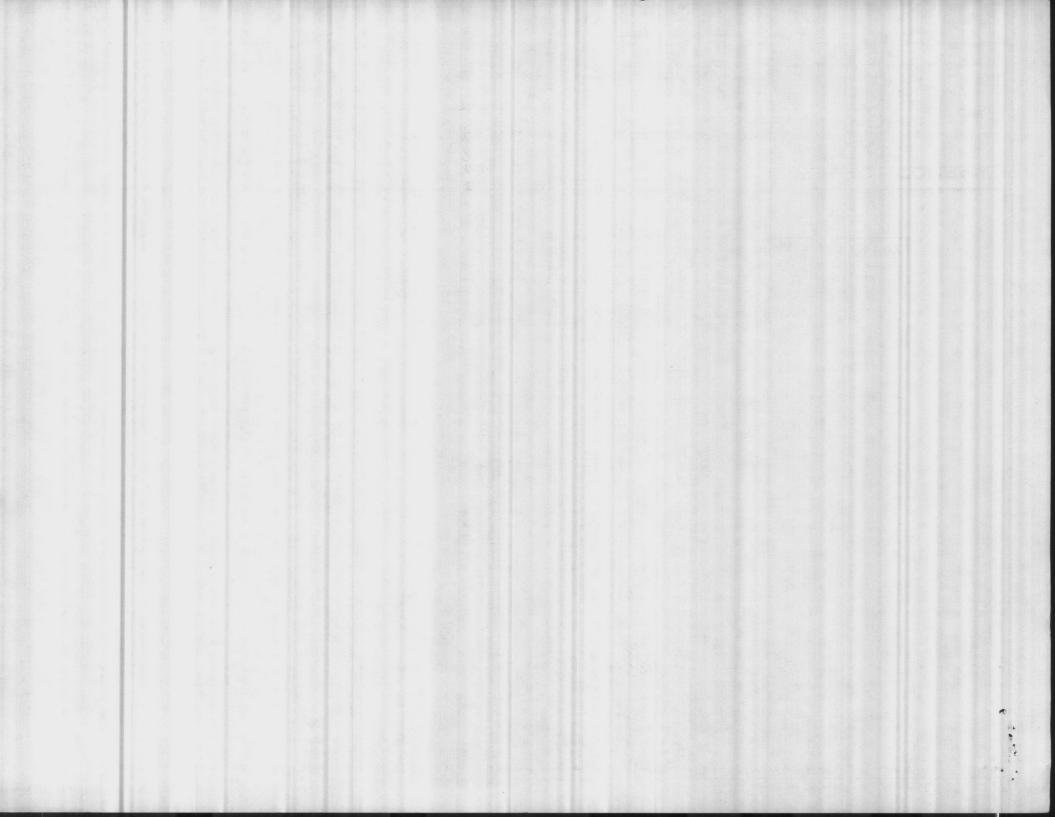
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MILTON ROY COMPANY





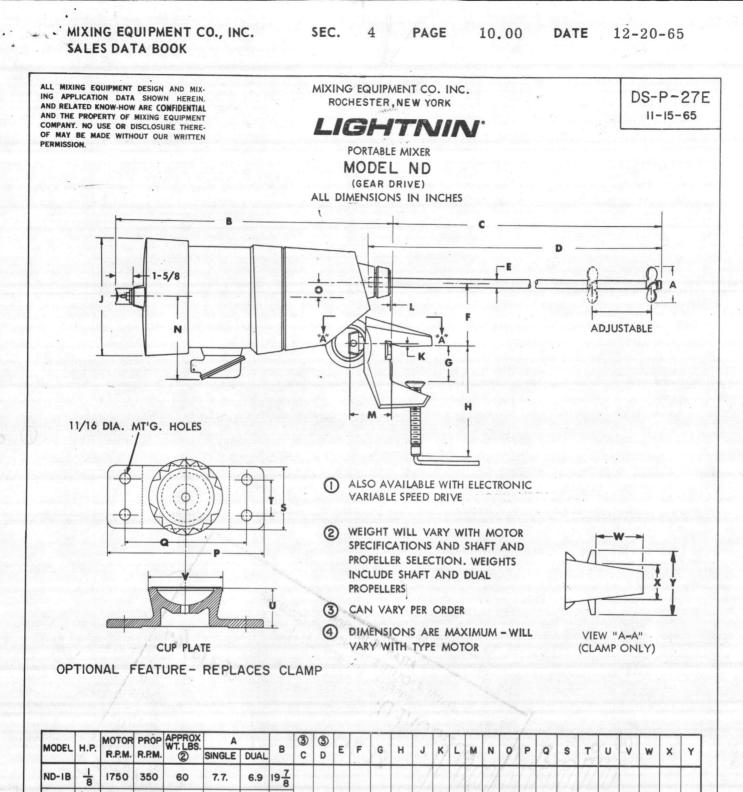
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						03	1/2,1314	438	4%	4	1/4-11/2	1/4-11/2	
T					MOUNTE	COLUMI DON M	VALVE	LIQUIL	END AORB	МІ	LTON	ROY CO	OMPAN
					5/16 - 7/16 - B/M (REF.) 33	5/8-7/8,148	3, 1/2, 13/4	FLGR.			PHILA	DELPHIA 18 ERSBURG 3	8. PA.
12.26-67 R.D.F. R.D.F. XX=03.WAX DIMS WERE 334 CART. CHANGE			SUPERSEDES					COL	UMN V	ALVE LI	UID END		
B 11.4.66 J.P.B. WER SUCTION CONN'E" FOR 142, 134 PLGR. DIA. WAS LISTED AS IVZ-11/2 IN ERROR				MAT'L=YY						SUPP	LEMEN	T	
1	9-12-66		distance in the second second	NO, END FABULATED FOR ADDITION OF V2. 148, 142, 1314 PLGE.	J.P.B. APPR.		SCALE 6-1'0"	PATT. C	ODE	DWG.		0493	-OXX
HG.	DATE	BY	APPR.	REVISION	Piris. TCAC	1.1.100	6.10	1		1-	TUL		

KAEOFPA, NO. 1981.

ATLANTIC DIVISION NAVAL FACILITIES ENGINEERING COMMAND MORFOLK, VIRCINIA 23311 APPROVED: স্ত -SULTE 88313 88313/67 . J. . . 17 . 17 RCT 2 V CT 2R STALL IN PROPER POLYSICAL P COORDINATION OF TRADERS IN AS REQUIRED. I. N. WALL'N RADM, CEC, USN COMLANTNAVFACENCOM



ND-IA	40	1750	350	70	9.4	7.7	204	32	36	58	5	3	9	9	7	18	316	95	1 13	9	7	31/2	2	24	44	31	23	516
ND-1	1 <u>3</u> ①	1750	350	80	10.0	8.9	21 1/4	1									1											10
ND- 2	12	1750	350	100	10.5	9.4				3		3	1000	-	5	3	3	5	19	pelle)		5	-	7			7	2
ND-2A	<u>3</u> (1)	1750	350	105	11.4	10.5	22 3	438	48	4	52	3 3 4	11	9	32	8	416	98	132	10	8-2	358	2	216	416	32	2 8	534
ND-3	T	1750	350	200	12.4	11.4		-			-			1														
ND-4	112	1750	350	200	13.1	12.4	25 8			7		_ 3			7	100			. 13	1000	. 1			. 15	- 3	.3		7
ND-4A	2	1750	350	210	14.2	13.1	274	55 <u>3</u>	60	8	62	3 3 4	12	12	32		412	9	113	10	82	4	22	216	54	416	34	6 <u>7</u> 8
ND-4B	3	1750	350	230	15.1	14.2	28 5 8	-			1990						din a						i kari			1.4.4.1		

APPR. Shufelt

PLT. 1120-E



LIGHTNIN MIXER FOR WATER TREATMENT PLANT COURTHOUSE BAY CAMP LEJEUNE, NORTH CAROLINA BROWN CONSTRUCTION COMPANY THEIR ORDER # 878-4 BROWN & MORRISON # 68-404

Description of: Lightnin Model ND-2A Portable Gear Drive Mixer with 3/4 horsepower totally enclosed motor for 208/3/60. Lower shaft with 3/4" diameter by 70" long and equipped with one 10.5" diameter 304 stainless steel propeller. The propeller with stabilizing ring, complete with aluminum ball and socket tank clamp.

ATLANTIC DIVISION NAVAL FACILITIES ENCINEERING COMMAND NORFOLK, VIRGINIA 23511 88313/67 APPROVED: 88313 R SUFJE G HTS, AS EDQUIRED JUL 2 5 1968 RADM. CEC. USN COMLANTNAVEACENGOOD COURD .NATION OF DATE

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