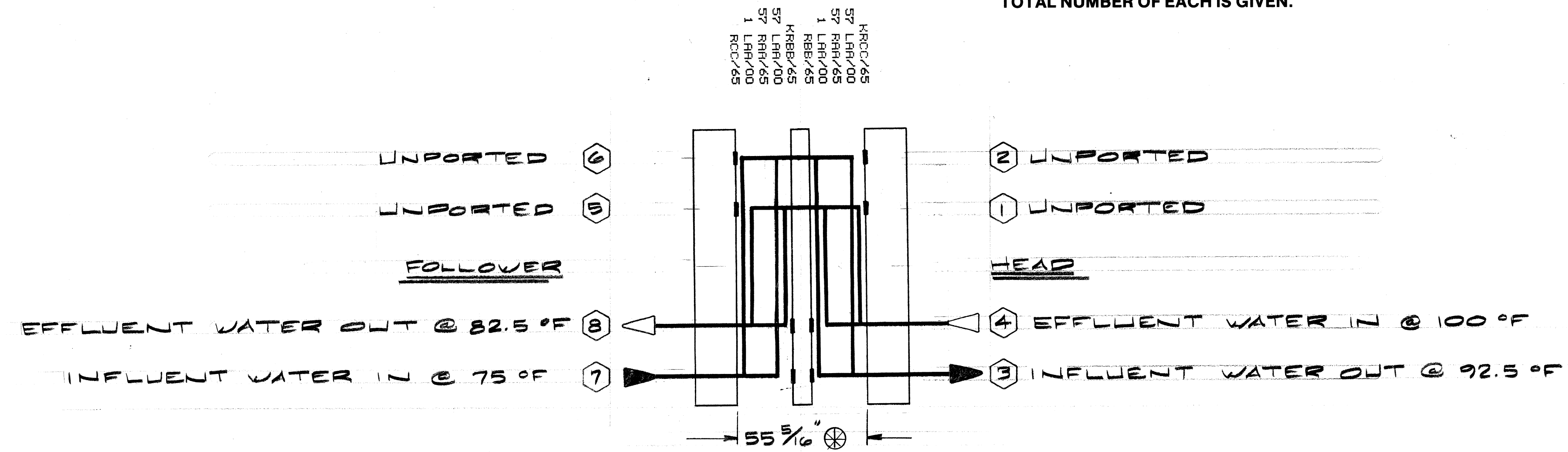


SR9 MATERIALS OF CONSTRUCTION		
ITEM	DESCRIPTION	MATERIAL
1	HEAD	SA516 GR70
2	FOLLOWER	SA516 GR70
3	*END SUPPORT	A36
4	*TOP BAR	C1018
5	*BOTTOM BAR	C1018
6	2" DIA. TIE BARS	SA193 GRB7
7	TIE BAR HEX NUTS	SA194 GR2H
8	TIE BAR ROUND NUTS	SA193 GRB7
9	HEAT TRANSFER PLATES	SA240 GR316
STAINLESS STEEL NOZZLES		
10	BUSHING RING	SA240 GR316L
11	PIPE BODY	SA312 GRTP316L
12	STUB RING	SA240 GR316L
13	FLANGE	SA105
14	*INTERPASS PLATE SPACER	LOW CARBON STL.
15	INTMD. SPACER BOSS	SA240 GR316L

*DENOTES PARTS NOT STRESSED BY PRESSURE

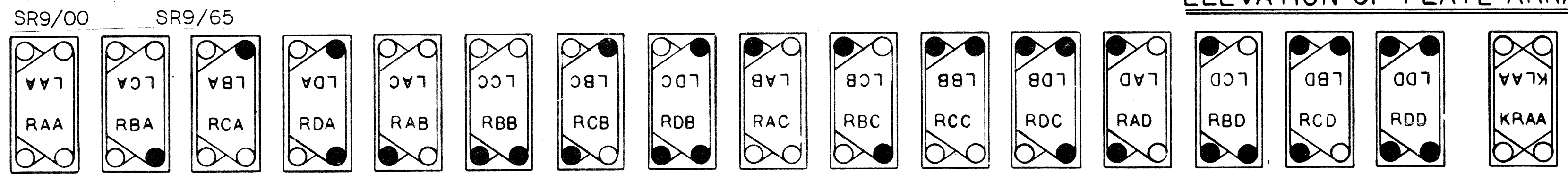
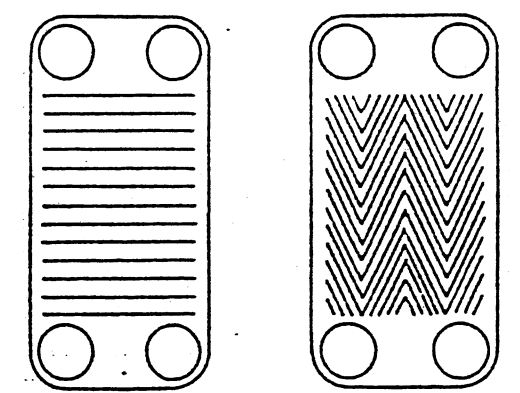
PLATES MUST BE ARRANGED ALTERNATELY LEFT AND RIGHT. FOR CONVENIENCE ON THIS DRAWING, WHERE BLOCKS OF R AND LAA PLATES OCCUR, THE TOTAL NUMBER OF EACH IS GIVEN.



PASSES
EFFLUENT 2 OF 58
INFLUENT 2 OF 58

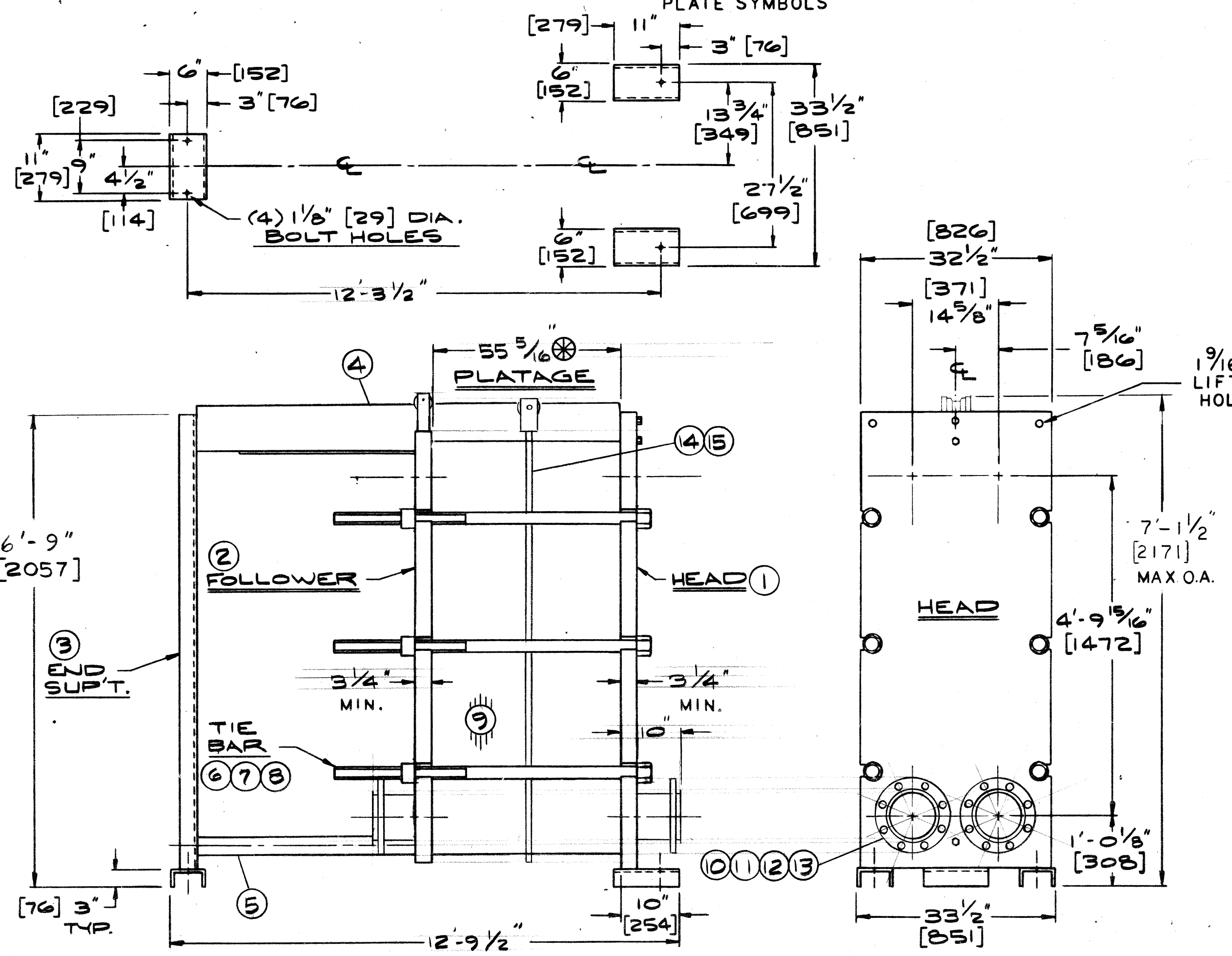
ELEVATION OF PLATE ARRANGEMENT

PLATES SHOWN BELOW ILLUSTRATE SR9 PLATE STYLES

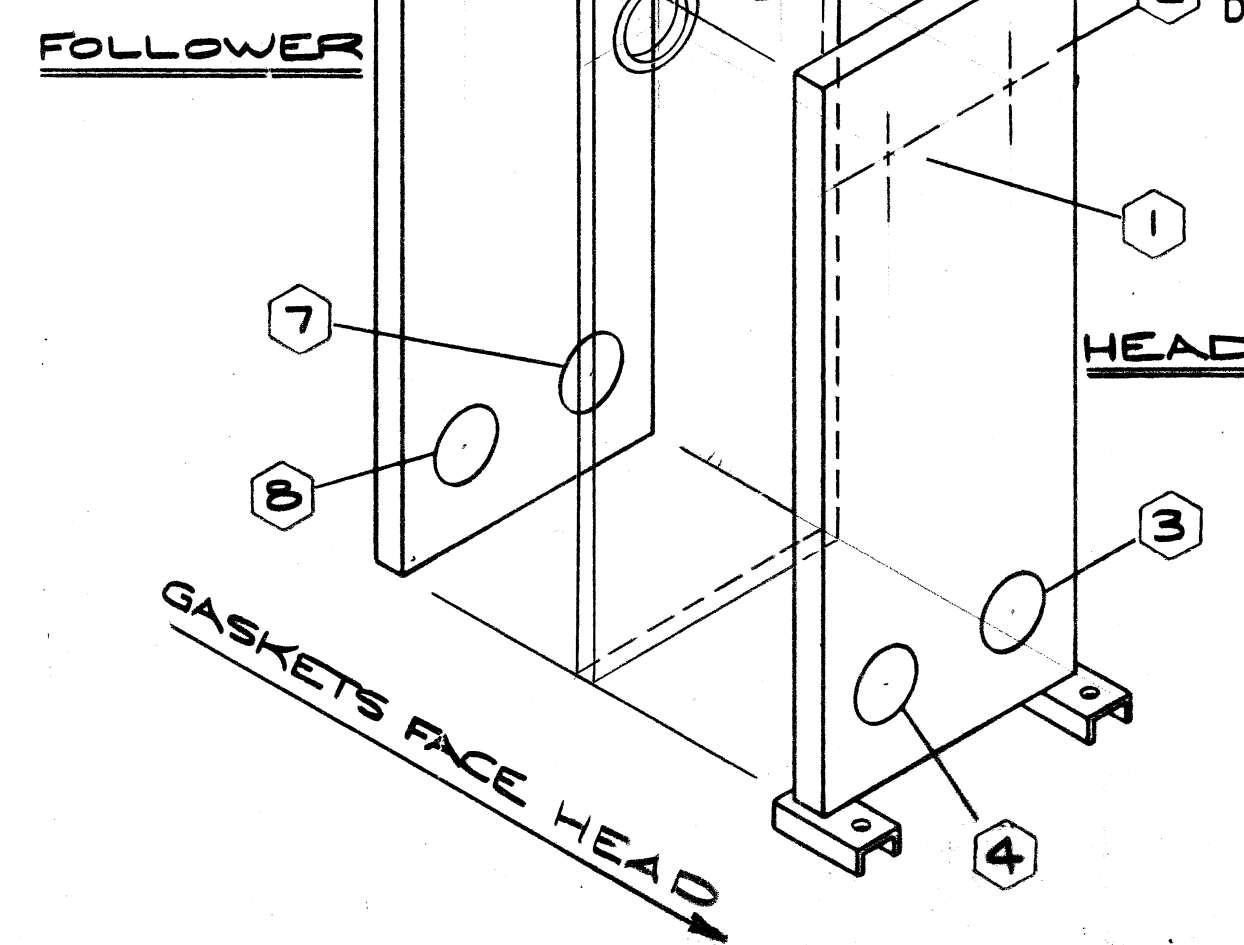


- NOTES:
- ALL PLATES VIEWED FROM GASKET SIDE.
 - END PLATES DENOTED BY LETTER 'K' PRECEDING SYMBOL.
 - THIS MODEL HEAT EXCHANGER IS DESIGNED TO OPERATE WITH METAL TO METAL CONTACT BETWEEN PLATE SURFACES. ALL SUPPORT IS FROM PLATE CROSS OVER POINTS AND NOT FROM GASKET SEAL. THEREFORE THIS MACHINE MUST ALWAYS BE TIGHTENED TO A DEAD HARD CONDITION BEFORE OPERATION. THE PLATAGE DIM. SHOWN IS NOMINAL ONLY. DUE TO PLATE MFG. TOLERANCES PLATAGE CAN VARY ±0.005" PER PLATE.
 - INSTALL PLATES ALTERNATING LEFT & RIGHT HAND.
 - ALL DIMENSIONS ARE IN INCHES. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.
 - THIS MODEL HEAT EXCHANGER IS TIGHTENED USING WRENCH ON HEX NUTS AT HEAD END ONLY.
 - DIMENSIONAL TOLERANCES:
FRAME FOUNDATION AND BOLT HOLE LOCATIONS: ± 1/4" [6]
NOZZLE CENTER LINE AND FACE DIMENSIONS: ± 1/8" [3]

ITEM #14 & 15 C-STL. INTERPASS PLATE SPACER 1/8" DIA. S.S. INTER-MEDIATE SPACER BOSS



9/16" DIA. LIFTING HOLES



8. THIS UNIT IS EQUIPPED WITH CARBON STEEL TIE BARS. CLEAN AND LUBRICATE THREADS BEFORE OPENING OR CLOSING. YOU MUST USE A LUBRICANT COMPATIBLE WITH CARBON STEEL.

NEVER-SEEZ
REGULAR GRADE
DO NOT USE COMMON GREASE.

DATE	REVISION

	LIQUID	RATE	TEMP. °F.	ΔP (PSI)
D U T Y	INFLUENT WATER	1650 GPM	75° → 92.5°	13.9
	EFFLUENT WATER	1650 GPM	100° → 82.5°	14

LIST OF PLATES: 234 SR9 316SS. W/ PARACRIL-CLIP GSKTS.

TOTAL "L" PLATES:	TOTAL "R" PLATES:
116 - LAA/00	114 - RAA/65
	1 - RBB/65
	1 - RCC/65
	1 - KRBB/65
	1 - KRCC/65

FRAME SIZE: #6
MAX. TEST PRESS. (FRAME): 225 PSI.
MAX. OPERATING PRESSURE: 150 PSI.
PLATAGE: 55 5/16 INCHES
VOL. OF PRODUCT: 292.3 GALS.
WT. OF MACHINE DRY: 9475 LBS.
WT. OF MACHINE FLOODED: 11910 LBS.
FITTINGS: 8" SCH. 10 316L S.S.
STUB ENDS W/ 150° ANSI C.S. LAP JOINT FLANGE.
M.O.M.T 20 °F @ 150 PSI
MAX OPERATING TEMP: 275 °F.

BUILT TO ASME CODE, SEC. VIII, DIV. 1
1992 EDITION, 1992 ADDENDA

MODEL SR95
HEAT EXCHANGER
MOD. 1 SERIES

W.O. 28758
BRANCH No: 39/69-014740
P.O. #: 1-0015738

TROPICANA PRODUCTS
BRADENTON, FL

APV Crepaco Inc
395 Fillmore Ave.
Tonawanda, NY 14150

DR. BY J. LIGHT	SCALE N.T.S.	DATE 5-4-94	DRAWING NO. 4.28758.0001
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