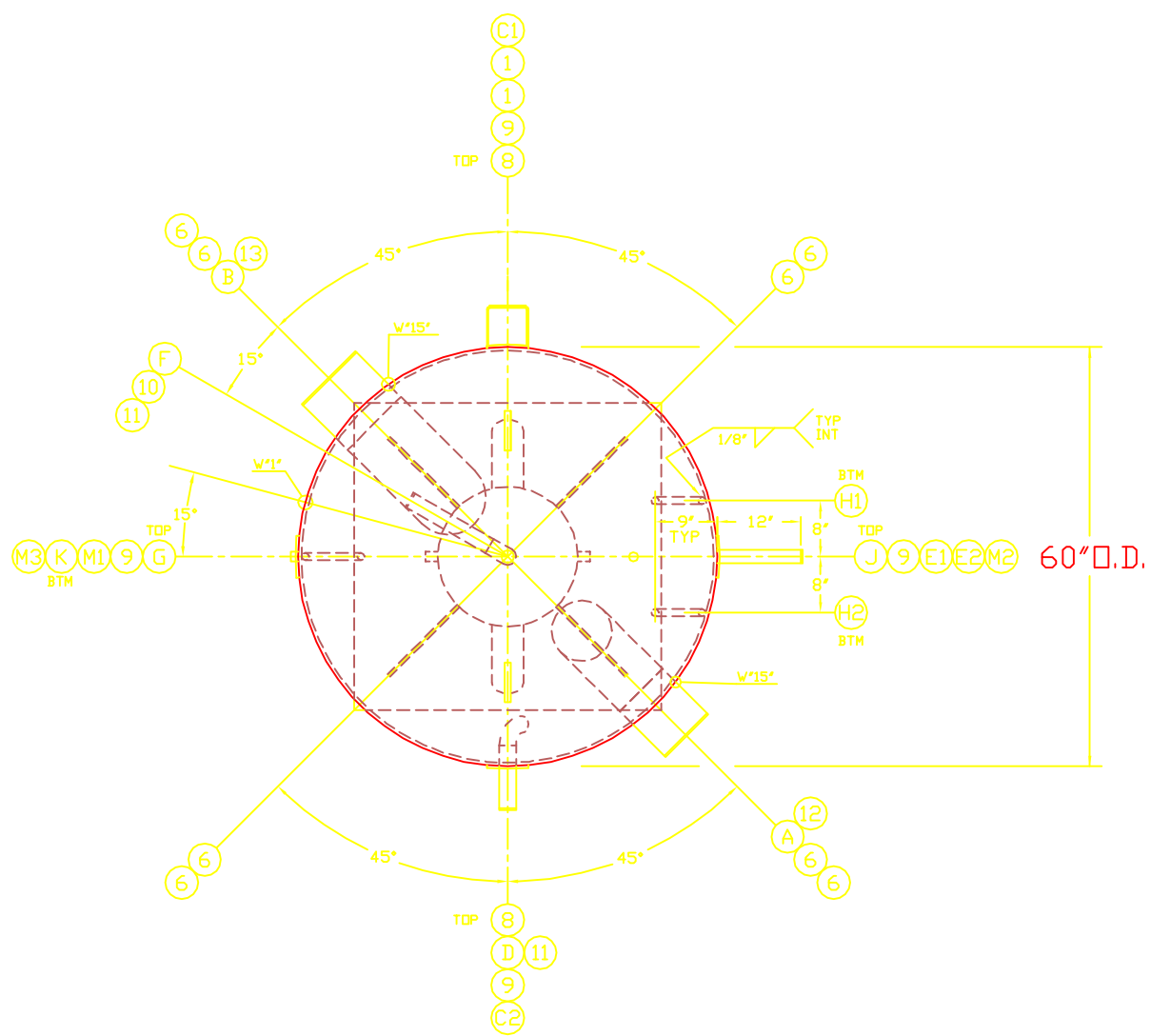
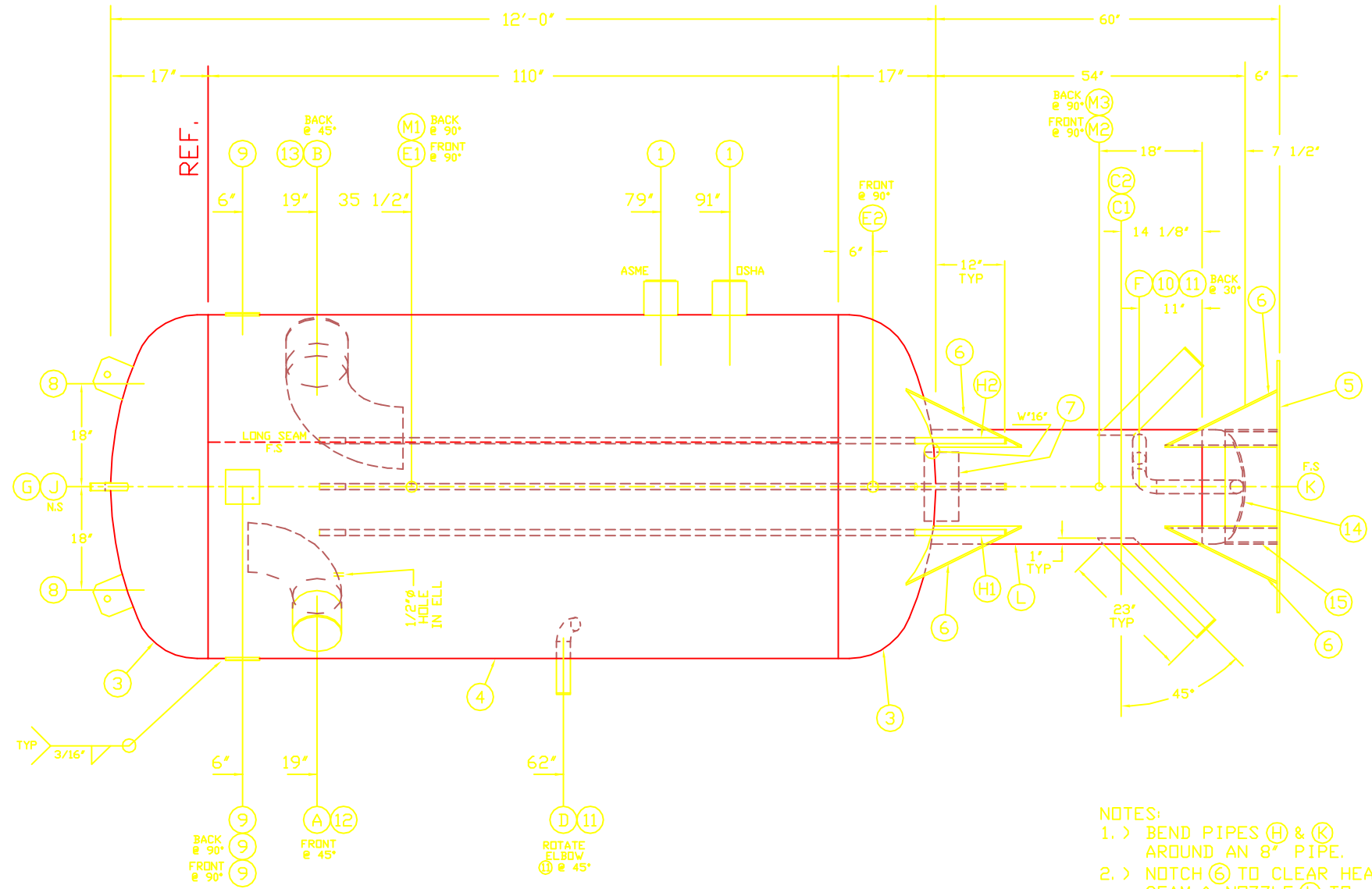
GENERAL NOTES

1) ALL PIPE NOZZLES EXTEND 6" OUTSIDE SHELL UNLESS INDICATED OTHERWISE.
2) ALL WELDS: WPS 109, 1002, 1005, 2002, AND 4004 APPLY UNLESS INDICATED OTHERWISE
3) SA516-70 MAY BE SUBSTITUTED FOR SA36.
4) SA106B PIPE MAY BE SUBSTITUTED FOR SA53B SEAMLESS AND VICE VERSA.
5) ALL BOLT HOLES STRADDLE CENTERLINE.
6) ALL PIPE NOZZLES EXTEND 1/2" INSIDE SHELL UNLESS INDICATED OTHERWISE.

TYP. UNLESS INDICATED OTHERWISE





NOTES:
1.) BEND PIPES (H) & (K) AROUND AN 8" PIPE.
2.) NOTCH (6) TO CLEAR HEAD SEAM & NOZZLE (L) TO HEAD WELD
3.) DRILL A 1/4"Ø HOLE NEAR ONE CORNER OF (9)

DIE STAMP ON REVERSE OF STD DATA PLATE

CAL. OSHA

HD THK:	5/8"
SH THK:	5/8"
U.S. GAL:	1,650
SQ. FT. SURFACE	230

CUSTOMER: TRI-COM REFRIGERATION / LUCKY STORES

P.O. NO.: 24024

TEST WITH OIL

DUAL STAMP

ASME DATA PLATE

Refrigeration Valves and Systems Corp. PRECISION

U

NATIONAL BOARD NO.

CERTIFIED BY REFRIGERATION VALVES & SYSTEMS CORPORATION BRYAN, TEXAS

W

RT-3 MAWP 250 PSI AT 300 °F

MDMT -30 °F AT 100 PSI

S/N 94802 YEAR BUILT 1995

BILL OF MATERIALS

NOZZLE SCHEDULE

ITEM	QTY	SIZE	TYPE	RATING	MATERIAL	SERVICE	LENGTH
R							
Q							
P							
N							
M	3	3/4"	CPLG	3000#	SA105	TEST DRAIN	
L	1	20"	PIPE	S/STD	SA106B	SUMP	47 1/2"
K	1	3/4"	PIPE	S/80	SA106B	OIL POT VENT	136"
J	1	1"	PIPE	S/80	SA106B	DUMP	9"
H	2	3/4"	PIPE	S/80	SA106B	PUMP VENT	136"
G	1	3/4"	CPLG	3000#	SA105	SAFETY RELIEF	
F	1	2"	PIPE	S/40	SA106B	OIL DRAIN	23"
E	2	1 1/2"	PIPE	S/80	SA106B	LEVEL COLUMN	13"/15"
D	1	2"	PIPE	S/40	SA106B	LIQUID MAKE-UP	5"
C	2	4"	PIPE	S/40	SA106B	PUMP SUCTION	26"
B	1	10"	PIPE	S/60 (1/2")	SA106B	SUCTION INLET	9"
A	1	8"	PIPE	S/80	SA106B	SUCTION OUTLET	9"

SHELL, HEADS, INTERNALS, SUPPORTS

ITEM	QTY	SIZE	TYPE	RATING	MATERIAL	LENGTH
16	2	20"	BACKING RING	1/8"	SA36	
15	1	20"	PIPE	S/STD	SA106B	9"
14	1	20" O.D	2:1 ELLIP HEAD	5/16"	SA516-70	
13	1	10"	ELBOW	S/STD	SA234-WPB	LR
12	1	8"	ELBOW	S/40	SA234-WPB	LR
11	2	2"	ELBOW	S/40	SA234-WPB	LR
10	1	2"	PIPE	S/40	SA106B	15"
9	4	6"	FLAT	3/8"	SA36	6"
8	2	STD	LIFT LUG	3/4"	SA36	6"
7	2	6"	STRAP	1/8"	SA36	11 7/8"
6	4	14" X 20"	PLATE	1/2"	SA36	
5	1	44" X 44"	PLATE	1/2"	SA36	
4	1	60" O.D	ROLLED SHELL	5/8"	SA516-70	110"
3	2	60" O.D	2:1 ELLIP HEAD	5/8"	SA516-70	
2	2	1 1/2"	STRAP	1/8"	SA36	189"
1	2	6"	STD DATA BRACKET		SA36	

VESSEL DESIGN SPECIFICATIONS

DESIGN & CONSTRUCTION IN ACCORDANCE WITH SECTION VIII DIV. 1 ASME CODE FOR PRESSURE VESSELS 1992 EDITION & ADDENDA TO A93

SHELL SA516-70 5/8" (501"MIN) HEADS SA516-70 5/8" (497"MIN) 21

RT LONG SPOT / GIRTH NONE HT 0 CA 0

M.A.W.P. 250 PSI AT -20 TO 300 °F TO DUAL STAMP 100 PSI @ -30 °F

HYDROTEST 375 PSI PAINT SHOP PRIMER EMPTY WEIGHT 7,000 LBS

REVISIONS

NO	DATE	BY	DESCRIPTION
1			
2			
3			
4			
5			
6			

TITLE: 60" O.D. X 12'-0" VERT 250# ASME ACCUMULATOR

CAD

Refrigeration Valves and Systems Corp. PRECISION

1520 CROSSWIND DRIVE BRYAN, TEXAS 77808

DRAWN BY	SERIAL NO.	SCALE	DRAWING NO.
MM	94802	1"=1'-0"	L0403-4D
CHECKED BY	TO SHOP	DATE 2-23-95	