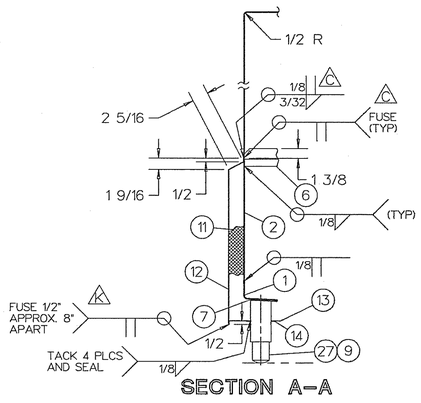
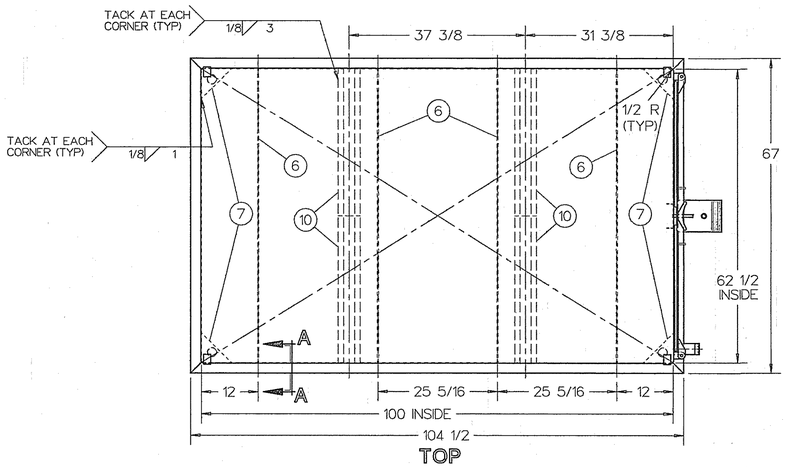
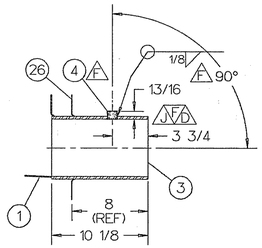


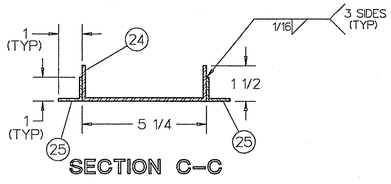
SECTION A-A



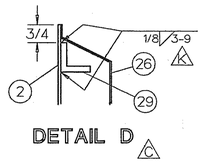
TOP



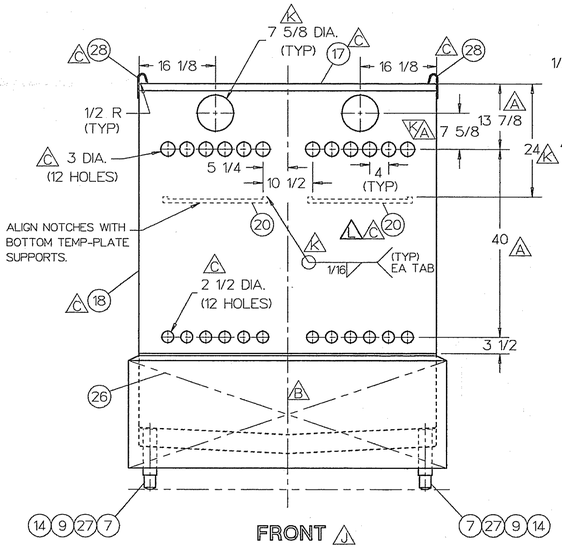
DETAIL B



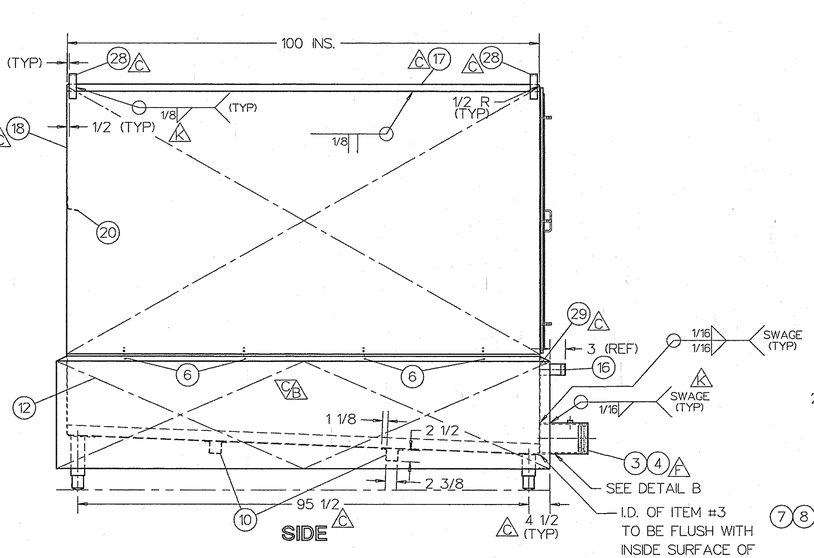
SECTION C-C



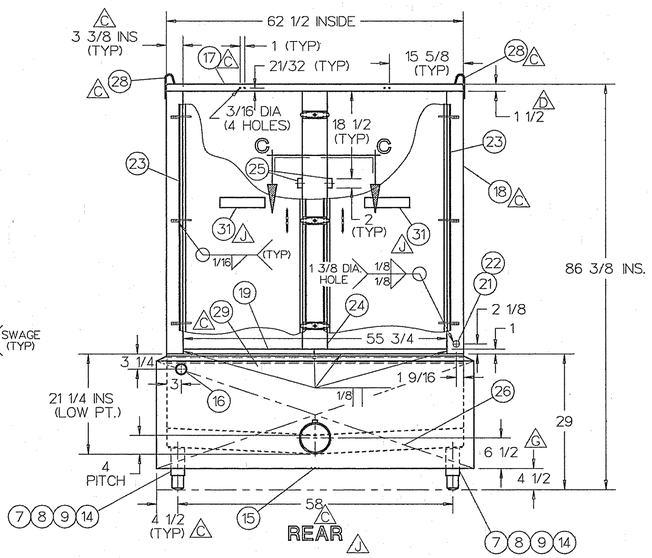
DETAIL D C



FRONT J



SIDE



CHART

"A"	"B"	"C"	"D"	"E"	"F"	"G"	"H"	"J"	"K"	"L"	"M"	"N"	"P"	"Q"	"R"
9819681	304	9820401	9819405	9819693	9802448	31415	9819694	9800467	9820359	9819411	9819413	9823907	9819682	9819711	9819712
9819403	316L	9819404	9819406	9819407	505609	3201048	9819408	9819388	9819410	9819412	9819414	9823908	9819417	9819418	9819419

A

4-29-94

SEPIA FROM DWG. NO. 9001059

CUST NO.	ITEM NO.	NO. REQ'D	PART NO.	DESCRIPTION	DRAWING NO.
			"A"	TANK ASSEMBLY FFC 7-12 WLD "B" S/S 2B	9001059D
DCB	1	1	"C"	HEAD INNER BOTTOM FFC 7-12 PNL WLD 12GA "B" S/S 2B	9000419B
DC	2	1	"D"	SHELL ASSY FFC 7-12 PNL WLD 12GA "B" S/S 2B	
	3	1	"E"	PIPE OUTLET W/SENSOR CONN 6" SCH 40 "B" S/S 10.125"LG TOE	
KF	4	1	"F"	COUPLING HALF .5"NPT "B" S/S 150# SCREWED	
F	5				
	6	4	"H"	BRACKET T/P SUPPORT LOWER .25" "B" S/S 2B	9001074A
	7	4	9819695	PAD LEG FFC 7-12 PNL WLD 7GA 304 S/S	
	8	2	9819696	LEG FFC 2.5" SCH 10 304 S/S PIPE (SHORT)	
	9	4	9800016	FOOT ASSY BALL ADJ FOR 2.5" 304 S/S	9000000C
	10	4	9819697	CHANNEL MTG SKID FFC 31.25"LG 12GA 304 S/S	9902347A
	11	198.5BF	30837	INSULATION 2"THK STYROFOAM SOLID 24" X 48" (SEE NOTE 8)	
B	12	2	9819699	JACKET SIDE FFC 2-12 PNL WLD 16GA 304 S/S 2B	
	13	1	9819701	HEAD OUTER BOT FFC 7-12 PNL WLD 18GA 304 S/S 2B (SEE NOTE 8)	
	14	4	9819702	WASHER LEG FFC 7-12 PNL WLD 18GA 304 S/S 2.906" ID X 3.875" OD	
	15	1	9901490	VENT ASSY JACKET (SEE NOTE 8)	9901490A
	16	1	"J"	NIPPLE PIPE 2.0 SCH 40 "B" S/S 5.5 LG TOE	
DCB	17	1	"K"	HEAD TOP FFC 7-12 PNL WLD 12GA "B" S/S 2B	
DCB	18	1	"L"	SHELL ASSY UPPER FFC 7-12 PNL WLD 12GA "B" S/S 2B	
DC	19	1	"M"	SHELL FILLER FFC 10GA "B" S/S 2B 1"WD X 55.75"LG	
JC	20	2	"N"	BRACKET T/P SUPPORT UPPER FRONT FFC WLD 10GA "B" S/S 2B	9001381A
	21	1	"G"	COUPLING FULL .75"NPT "B" S/S 150# SCREWED	
	22	1	3201012	PLUG PIPE .75"NPT 304 S/S 3000# SCREWED HEX HEAD	
	23	1	"P"	DOOR ASSEMBLY FFC 7-12 PNL WLD "B" S/S 2B	9001066C
C	24	1	"Q"	SHELL CENTER SUPPORT FFC 7-12 PNL WLD 10GA "B" S/S 2B	9001059D
	25	2	"R"	ANGLE BRACKET MOUNT FFC 1" X 1" X 2" LG, 14GA "B" S/S 2B	
B	26	2	9819700	JACKET END FFC 7-12 PNL WLD 16GA 304 S/S 2B	
B	27	2	9819713	LEG FFC 2.5" SCH 10 304 S/S PIPE (LONG)	
C	28	4	9901061	LUG LIFTING SGL WALL 304 S/S TANK 2B	9000476B
DC	29	1	9819420	ANGLE STIFFENER .25" X 1.25" X 1.25" 304 S/S 62.5"LG	DETAIL D
	30	7.5 SF	3076	INSULATION 2.0 FBRGL (SEE NOTE 8)	
J	31	2	3743	PLATE NAME PROCESS 2.175" X 9.5" 22GA 304 S/S	

NOTES:

1. ALL MATERIALS OR COMPONENT PARTS CALLED OUT ON THIS DRAWING SHALL BE AS SPECIFIED "OR APPROVED EQUAL."
2. DIMENSIONS, UNLESS OTHERWISE INDICATED, ARE NOMINAL AND STANDARD SHOP TOLERANCES ARE TO BE EXPECTED. MEASUREMENTS FOR ANY FIELD ATTACHMENTS SHOULD BE VERFED ON SITE BY OTHERS BEFORE FABRICATION OF THE ATTACHMENTS. (S.O.P. 23-7)
3. IF USED IN CONTACT WITH MATERIALS CONTAINING SALT OR OTHER CHLORIDES, THE CORROSION RESISTANCE OF THIS EQUPMENT IS NOT THE RESPONSIBILITY OF THE PAUL MUELLER COMPANY WITHOUT WRITTEN ACCEPTANCE BASED ON A SPECIFIC SERVICE.
4. VESSEL TO BE VENTED FOR SHIPMENT.
5. ALL DIMENSIONS ARE IN INCHES UNLESS SPECIFIED OTHERWISE.
6. ALL WELD SIZES ARE MINIMUM AFTER GRINDING.
7. WELD FINISH INTERIOR & EXTERIOR
   SPRINGFIELD - (SB) SANDBLAST
   OSCEOLA - (BF) BUFF
8. ITEMS #11(308837), #13(9819701), #15(9901490) & #30(3076) ARE FOR SPRINGFIELD PRODUCTION ONLY. FOR OSCEOLA PRODUCTION USE #11(88803616) FOAM SPRAY - QTY 40 LBS. CAPLUGS(8800408) - QTY 18, & #13 (9819409 - QTY 1. NO VENT (#15) IS REQURED IN OSCEOLA.
9. FLOURESCENT DYE PENETRATE TEST ALL WELDS.

MATERIAL FINISHES

INTERIOR	2B	EXTERIOR	2B

WELD FINISHES

INTERIOR	SEE NOTE 7
EXTERIOR	SEE NOTE 7

SPECIFICATIONS
VESSEL

CODE: NONE

RADIOGRAPHY

Top Head	Top Head To Shell	Shell	Bottom Head	Bottom Head To Shell
NONE	NONE	NONE	NONE	NONE

HEAT TRANSFER

CODE: NONE

RADIOGRAPHY

Top Head	Top Head To Shell	Shell	Bottom Head	Bottom Head To Shell
NONE	NONE	NONE	NONE	NONE

SIZE (GALLONS) - MODEL	SERIAL NUMBER
400 "FFC"	SEE SALES ORDER

VESSEL INFORMATION

DESIGN PRESSURE	0	PSI	DESIGN TEMP.	100	°F
HYDRO TEST PRESSURE	0	PSI	DESIGN VACUUM	0	IN HG.

HEAT TRANSFER INFORMATION

DESIGN PRESSURE	—	PSI	DESIGN TEMP.	—	°F
TEST PRESSURE	—	PSI	VOLUME	—	CU. FT.
HEATING / COOLING					
MEDIUM	—	—		—	

EST. EMPTY WEIGHT = 1,775 LBS

SCALE 1/16=1 *=N.T.S. (DO NOT SCALE THIS DRAWING)

DRAWN BY	R. WILLIAMS	DATE	10- 7-91
REVIEWED BY		DATE	
REVIEWED BY	R. GREEN	DATE	10-25-91
APPROVED BY	R. GREEN	DATE	10-25-91

SOLD TO: SEE SALES ORDER
ADDRESS: SEE SALES ORDER
CUSTOMER ORDER NO.: SEE SALES ORDER

TITLE: TANK ASSY FFC 7-12PNL WLD 304/316L S/S (CHARTED)

QUANTITY: SEE SALES ORDER

This drawing and any print thereof is the property of the PAUL MUELLER CO., Springfield, Mo., and is subject to return on request of this company.The information shown is confidential and the recipient by accepting this drawing agrees not to use any information contained thereon in any manner which will be detrimental to the PAUL MUELLER CO.

PAUL MUELLER COMPANY
P. O. BOX 828 / SPRINGFIELD, MISSOURI 65801-0828, U.S.A.

REVISION: L

SALES ORDER & SERIAL NO.: SEE SALES ORDER

DRAWING NO.: 9001059 D

SYM.	REVISIONS	BY	DATE
L	ITEM #20 WAS "N" (9819415 & 9819418)* #20 QTY WAS 1•CHG BOR FROM REV 10	PG	2/23/95
K	FRT: 7 5/8 DIA WAS 5 5/8 DIA, 7 5/8 WAS 8 1/8, 23 WAS 21 WELD WAS 1/8 & SKIP 1.6•	---	---
---	DET D: WELD WAS 3-3• BOM#4 WAS .75" PIPE• CHART"F" WAS 9821521 & 9821522• ELEV.	---	---
---	WELD WAS TACK & SEAL; ADDED LUG DIM & WELD•. SECT A: WELD WAS SKIP 2-6 AND SEAL•	RWW	3-16-94
J	BOM: ADDED #31• DET B: 3 3/4 WAS 4 1/4• SWITCHED TITLE FOR FRT & REAR•	RWW	7-7-93
H	CHANGED P/N 9813544 TO 3201048	DMG	4/5/93
G	4 1/2 WAS 5 1/2, 6 1/2 WAS 5 1/2	TTT	12-3-92
F	DET B: #4 WAS NIPPLE @ 45°, 4 1/4 WAS 4 3/16• CHART: "F" WAS 9816697 & 9819387, BOM: #4	---	---
---	WAS SCH 40 TOE, DEL #5 (COUPLINGS)• REV VIEWS TO SHOW REV. @ DET B, ADD ITEM 30	RWW/TTT	6-2-92

SYM.	CHANGE	BY	DATE
E	REV BOM, NOTES, AND BORDER PER DATA 3• ADDED CHART TO INCLUDE .316L P/NS.	RWW	2-29-92
D	ADDED P/NS ITEMS #1, #2, #17-#20, #29• ADDED 1 1/2 DIM• 4 3/16 WAS 4 1/2.	RWW	2-25-92
C	ITEM #1 WAS 9819687, #2 WAS 9819688, #17 WAS 9819708, ADDED #18, #19 WAS 9819708.	---	---
---	#20 WAS 9819709, #24 WAS 14 GA. ADDED #28 & #29. 3 3/8 INS WAS 3 1/2, 4 1/2 WAS 4	---	---
---	58 WAS 59, 95 1/2 WAS 96 1/2. ADDED WELD SYM. DET D, & BOUBLE BREAKS IN #12.	RWW	01-15-92
B	ADDED P/NS & REVISED DESCS PER MAC-PAC, 9000888 WAS 9000488, #12 WAS JACKET	---	---
---	ASSY BOT., #17 WAS JACKET ASSY TOP, ADDED #28 & #27, DELETED #18 (TOP HEAD), ADDED	---	---
---	CROSS-BREAKS, REVISED PER NEW LAYOUT.	RWW	11-22-91
A	40 WAS 41 1/4, 8 1/8 WAS 6 1/2, 12 3/8 WAS 11 1/8.	RWW	10-30-91