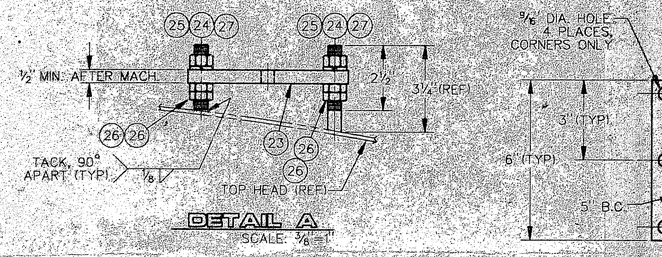
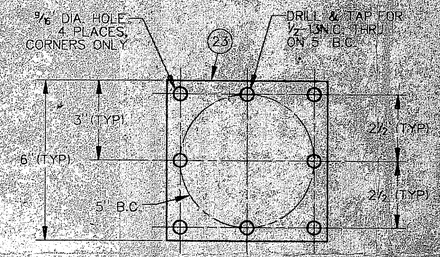
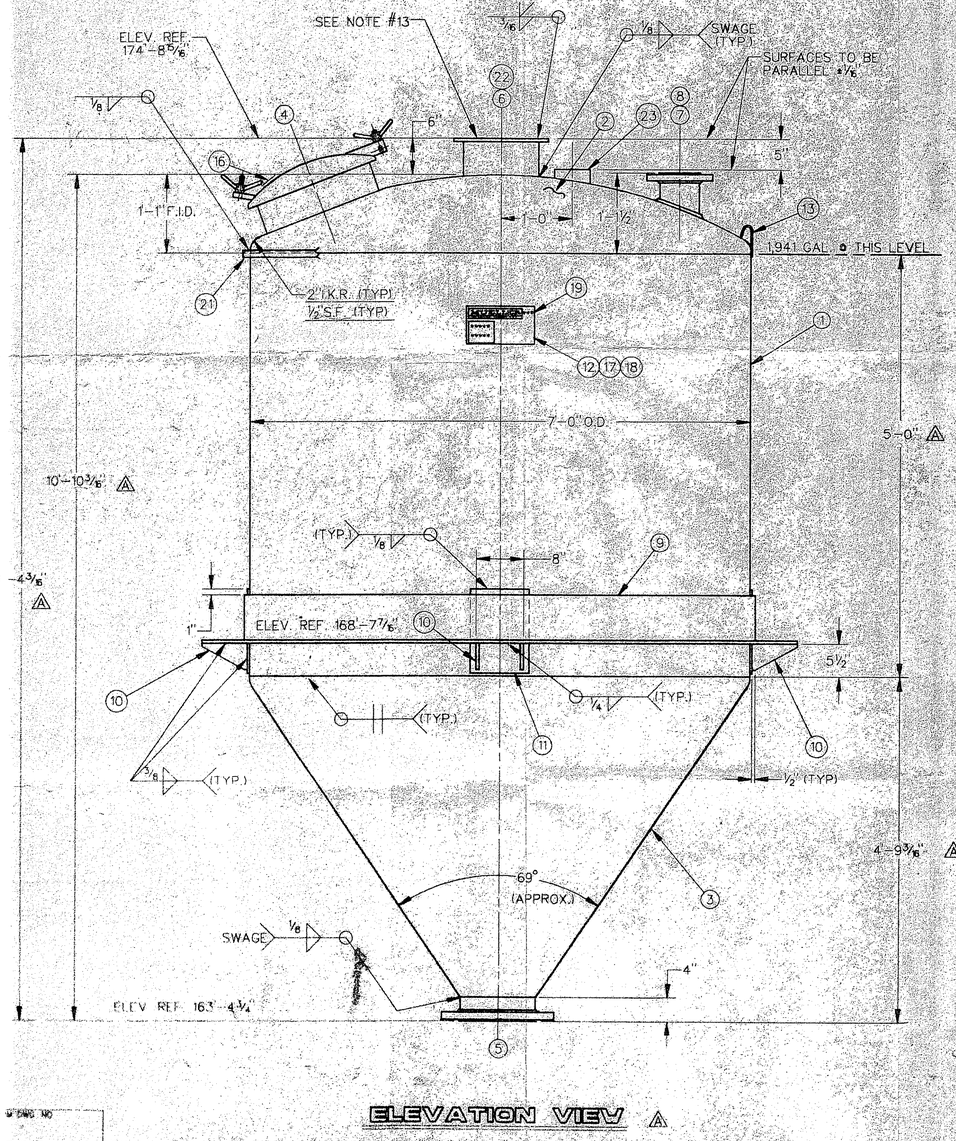
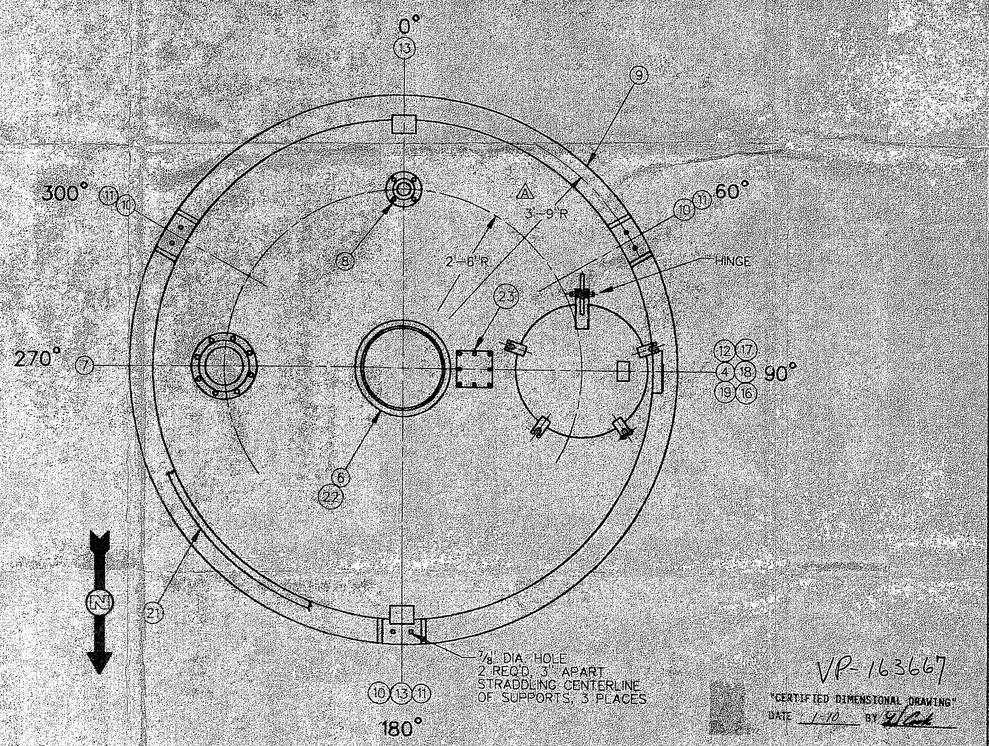


DETAIL A
SCALE: 3/8" = 1"





ELEVATION VIEW



TOP HEAD AND SHELL ORIENTATION

REV	REQ'D	ITEM NO.	PART NO.	DESCRIPTION	DRAWING NO.
	1	1		SHELL – #10 GA. 304 S/S	
	2	1		HEAD TOP – #10 GA. 304 S/S STANDARD F. & D.	
	3	1		HEAD BOTTOM – #10 GA. 304 S/S CONE	
C	4	1		MANWAY ASSY. – 20" MC-5 304 S/S W/SILICONE GASKET W/6" LG. COLLAR	9900188D
B	5	1	9800593	NOZZLE ASS'Y. VANSTONE – 12" SCH 40 304 S/S (OUTLET)	9900867C
A	6	1		PLATE – 16" O.D. X 14 1/2" I.D. X 1/2" THICK 304 S/S (NO HOLES) (INLET)	
D	7	1	9800596	NOZZLE ASS'Y. VANSTONE – 6" SCH 40 304 S/S (VENT)	9900867C
F	8	1	9800589	NOZZLE ASS'Y. VANSTONE – 1 1/2" SCH 40 304 S/S (C.I.P.)	9900867C
	9	1		ANGLE – 8" X 8" X 3/8" THK. C/S (SUPPORT)	
	10	6		PLATE GUSSET – 3/8" THK. 7 1/2" X 4 1/2" X 30° C/S	
	11	3		PLATE – 1/4" THK. X 10" X 14" 304 S/S (SUPPORT)	
	12	1		HOLDER – NAME PLATE & DATA PLATE #14 GA. 304 S/S	GD00093A
	13	2	9901061	LUG LIFTING 304 S/S	9901061B
	14	A/R	9803214	PAINT PRIMER – ZINC CHROMATE (PAINT ALL C/S) (SEE NOTE #10)	
	15	1	9802062	INSTRUCTION PKG.	
	16	1	(REF)	PLATE CAUTION	
	17	1	(REF)	PLATE DATA (TO INCLUDE P.O. NO. & DATE OF MFG.)	
	18	1	(REF)	PLATE NAME	
	19	1		PERMANENT STAMPED SERIAL NO.	
	20	A/R		INSULATION – 1" THK. (BY OTHERS, ENTIRE TANK)	
(B)	21	1		ANGLE – 1 1/4" X 1 1/4" X 1/8" C/S (INSULATION RING)	
	22	1		PIPE – 14" ST'D 304 S/S (INLET)	
	23	1		PLATE – MT'G 1/2" THICK 304 S/S	DETAIL A
	24	4		STUD THREADED – 1/2"-13N.C. 18-8 S/S	DETAIL A
	25	4	3204018	NUT HEX. – 1/2"-13N.C. ZINC PLATED	DETAIL A
	26	6		NUT HEX. – JAM 1/2"-13N.C. ZINC PLATED	DETAIL A
	27	4	3204006	WASHER LOCK – 1/2" ZINC PLATED	DETAIL A
	28	A/R	3202031	PAINT – THURMALOX #70 (SEE NOTE #14)	

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 VERIFIED 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 EQUIPMENT IS NOT THE RESPONSIBILITY OF THE PAUL MUELLER COMPANY WITHOUT WRITTEN ACCEPTANCE BASED ON A SPECIFIC SERVICE.
4. ALL FLANGES WILL HAVE BOLT HOLES STRADDLE THE 0°-180° & 90°-270° CENTER LINES, UNLESS SPECIFIED OTHERWISE.
5. VESSEL TO BE VENTED FOR SHIPMENT.
6. ALL DIMENSIONS ARE IN INCHES UNLESS SPECIFIED OTHERWISE.
7. THIS DRAWING SIMILAR TO DANEL INTERNATIONAL DWG. #21-T-05 REV. #5 DATE 8-31-82.
8. DYE PENETRATE TEST WELDS.
9. TAG TANK EQUIP. NO. #21-T-05.
10. SANDBLAST C/S PER SPEC. SSPC-SP6 AND APPLY PRIMER TO 3 MILS MDFT.
11. WHERE POSSIBLE, WELD SEAMS SHALL BE LOCATED TO CLEAR NOZZLE OPENINGS.
12. ALL INSIDE CORNERS TO HAVE 1/4" MIN. RAD.
13. FLANGE SURFACE SHALL BE FLAT & PARALLEL TO STRAIGHT WALL OF HOPPER.
14. PAINT THE EXTERIOR OF INNER LINER WHICH WILL BE IN CONTACT WITH INSULATION WITH TWO COATS THURMALOX NO. 70.
15. EXTERIOR WELDS WHICH WILL BE COVERED BY INSULATION TO BE AS IS (SW). ALL OTHER EXTERIOR WELDS TO BE SAND BLASTED (TW).

MATERIAL FINISHES	
INTERIOR	#2B
EXTERIOR	#2B

WELD FINISHES	
INTERIOR	SMOOTH NOT FLUSH (80 GRIT)
EXTERIOR	SEE NOTE #15

SPECIFICATIONS	TOP-PLATE	VESSEL
ASME		NO
DESIGN PRESS. P.S.I.		3
DESIGN TEMP. °F.		250
DESIGN VACUUM IN. HG.		3 PSI
HYDROSTATIC TEST P.S.I.		(SEE NOTE 8)
PNEUMATIC TEST P.S.I.		
DEHYDRATE (S.O.P. 23-6)		
HEATING MEDIUM		
COOLING MEDIUM		
RADIOGRAPHY, Shell		NONE
RADIOGRAPHY, Top Head		NONE
RADIOGRAPHY, Bottom Hd.		NONE

EST. EMPTY WEIGHT = 2,100 LBS.

SCALE 1" = 12" & NOTED — DO NOT SCALE THIS DRAWING

DRAWN BY	RICK HUGHES	DATE	9-24-82
CHECKED BY	H. COOK	DATE	10-11-82
CHECKED BY	H. COOK	DATE	12-15-82
APPROVED		DATE	

SOLD TO: THE FOLGER COFFEE COMPANY
ADDRESS: CINCINNATI, OHIO
CUSTOMER ORDER NO.: FTX-50023-TMH

TITLE: 2,070 GAL. MIXER SURGE HOPPER

QUANTITY: (1) ONE

VP-163667
"CERTIFIED DIMENSIONAL DRAWING"
DATE 1-10 BY
21-T-05

SYM	CHANGE	BY	DATE
B	ITEM 21 WAS 3/8"	BH	2-15-82
A	3-9" WAS 3-8" REVISED TO 2-8" & SEE ORIENTATION #4 WAS ORDER #4 WAS ORDER #5 WAS ORDER #6 WAS ORDER #7 WAS ORDER #8 ADDED TOP PLATE & SEE FLUTE #15 TO PLATE REQ'D. VIEW E-F WAS A-H 4-3/4" WAS 4-9/16" ADDED Dye & Rad 11-3/4" WAS 11-3/4" ADDED Dye & Rad	BH	2-1-82

REVISIONS

H.C.

PAUL MUELLER COMPANY
P.O. BOX 520 / SPRINGFIELD, MISSOURI, U.S.A. 65801
TELEPHONE: (417) 831-3000 / CABLE: MUELLER
TELEX: 43-6427

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SALES ORDER & SERIAL NO.	DRAWING NO.
F-8027-1	FP03248D

TOP - LARRY 100705