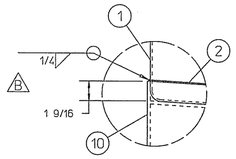
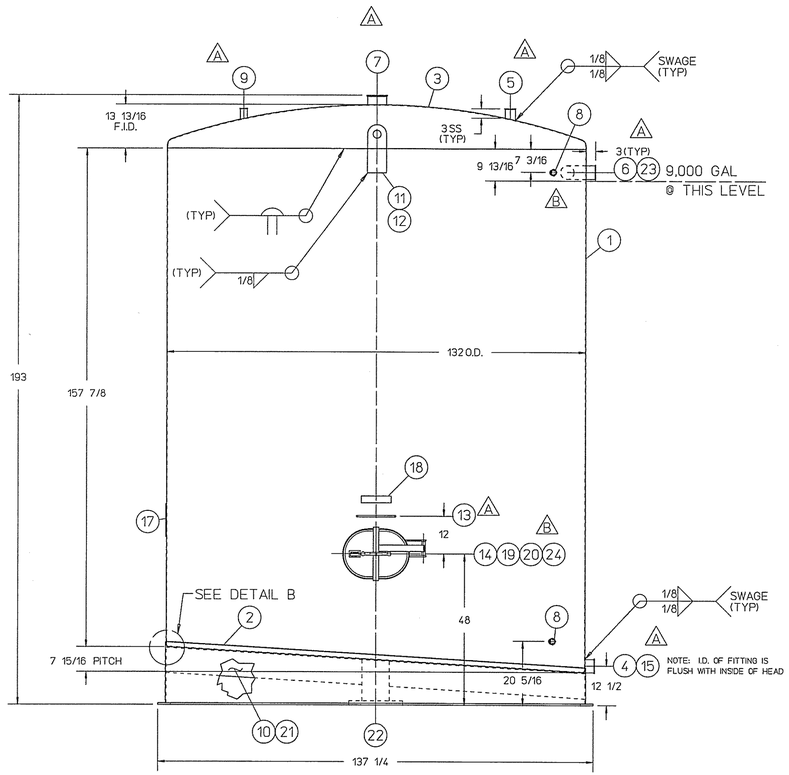
CUST NO.	ITEM NO.	NO. REQ'D	PART NO.	DESCRIPTION	DRAWING NO.
		1	100	TANK ASSY SV 9000 SEISMIC ZONE 3	FP12975 D
	1	1	101	SHELL SECT 132"OD 12 GA 316 S/S 2B/2B	
	2	1	102	HEAD FLGD ONLY 132"OD 10GA 316 S/S .75"KR .75"SF 2B/2B	
	3	1	H11	HEAD SHALLOW 132"OD 10GA 316 S/S 2"KR 1"SF #2B/2B	
A	4	1	9820745	FERRULE 14MPW 4.0" 316L S/S W/O SHOULDER 4"LG .223"W SA312 (OUTLET)	9001166 B
	5	2	9820744	FERRULE 14MPW 3.0" 316L S/S W/O SHOULDER 4"LG .197"W SA312	9001166 B
B	6	1	017W223848	ELBOW 304 S/S 4"OD 90DEG #TL2CM W/ 4" T/C CONNECTION ONE END	DET B
	7	1	9828526	FERRULE 14WLMO 6.0" 316L S/S 4" LG .42"W SA312	9000841B
A	8	2	9900106	FERRULE L14AM7 1.5" 316L S/S 1.125"LG (SIGHTGLASS)	9000381B
A	9	1	9829118	FERRULE L14AM7 2.0" W/EXT 8" OA 316L S/S GLASSBEAD FINISH	
	10	1	110	HEAD & SUPPORT ASSY BOT OUTER 9000 GAL SV 304 S/S SKIRT & BASE RING	FP12981 D
	11	4	9901259	LUG LIFTING ASSY SV S/S .25 & .25"THK 304 MAT	9000480 B
	12	2	(REF)	LABEL CAUTION "LIFTING" 5.625"X8.375"X.005"THK MYLAR W/3M#468	9001307 B
	13	1	9902540	HANDHOLD SILO 304 S/S 3"HI 12"WIDE	9902540 A
C	14	1		MANWAY ASSY MC-2 15.5"x20.5" 316 S/S WITH GASKET #9827388	
				AND COLLAR & COMPONENT ASSY #9827167	
	15		115	ESCUTCHEON SWAGED 4.25"ID 304 S/S 8"OD 16GA 304 S/S 2B	9000165 B
	16	1	9802731	INSTRUCTION PKG "SV" SILO	
	17	1	(REF)	PLATE DATA, MUELLER .003"THK ALUMINUM FOIL	
	18	1	(REF)	PLATE NAME, PROCESS 2.175 X 9.5 X 22 GA. 304	
	19	1	(REF)	PLATE CAUTION PRESSURE	
	20	1		PERM STAMPED SERIAL NO	
	21	2.43 LB	9811463	INSULATION FOAM SPRAY URETHANE	
	22	1	9827982	LABEL WARNING "LIFTING BASE" 5.25"X 8.625"X.005"THK MYLAR	9001514 B
B A	23	1	246P289848	ESCUTCHEON SWAGED 4.0"ID X 8.00"OD 14 GA 316L S/S #41S	
B	24	1	9901392	RING BREAST MANWAY MC1&2 304 S/S 16.125"X 21.125" FIN. ID 16GA 304S/S	9901392 B

NOTES:

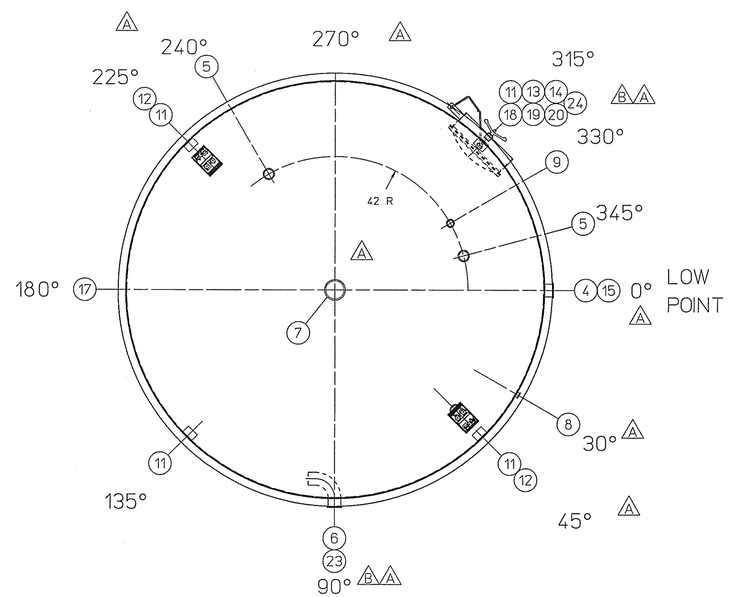
1. ALL MATERIALS OR COMPONENT PARTS CALLED OUT ON THIS DRAWING SHALL BE AS SPECIFIED "OR APPROVED EQUAL."
2. DIMENSIONS, UNLESS OTHERWISE INDICATED, ARE NOMINAL AND STANDARD SHOP TOLERANCES ARE TO BE EXPECTED. (ENPE 222) MEASUREMENTS FOR ANY FIELD ATTACHMENTS SHOULD BE VERIFIED ON SITE BY OTHERS BEFORE FABRICATION OF THE ATTACHMENTS.
3. CORROSION DISCLAIMER
   PAUL MUELLER COMPANY IS NOT RESPONSIBLE FOR CORROSION OR SUITABILITY FOR USE OF ANY MATERIAL IN ANY PARTICULAR APPLICATION ! THE CORROSION RESISTANCE AND SUITABILITY FOR USE OF A MATERIAL IS DEPENDENT ON OPERATING ENVIRONMENT AND CONDITIONS, CLEANING PRACTICES, AND MANY OTHER FACTORS BEYOND THE CONTROL OF THE EQUIPMENT FABRICATOR. THE USER OF THE EQUIPMENT BEARS TOTAL RESPONSIBILITY FOR CORROSION OR SUITABILITY FOR USE OF ALL MATERIALS IN THEIR PARTICULAR APPLICATION !
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. ALL WELD SIZES ARE MINIMUM AFTER GRINDING.
8. CORROSION ALLOWANCE: 0 INCHES.
9. PRODUCT SPECIFIC GRAVITY: 1 .
10. VESSEL DESIGNED FOR WIND LOAD: 90 MPH.
11. VESSEL DESIGNED FOR SEISMIC ZONE: 3.
12. CUSTOMER TO PROVIDE SUFFICIENT PIPE SUPPORT & PIPING EXPANSION JOINT TO PREVENT EXTERNAL NOZZLE LOADS.
13. FOR DYE TEST REQUIREMENTS SEE PROCEDURE ENG 103
14. ▪ INDICATES DIMENSIONS ARE NOT TO SCALE
15. CENTER PAD SUPPORTS 1/3 OF PRODUCT WEIGHT.



DETAIL A
MGF = 4



ELEVATION VIEW
SEE TOP HEAD VIEW FOR TRUE ORIENTATION



TOP HEAD AND SHELL ORIENTATION

CERTIFIED CORRECT AND RELEASED FOR FABRICATION

FABRICATION WILL BE IN ACCORDANCE WITH THIS DRAWING. ANY FURTHER CHANGES WILL BE REVIEWED FOR COST AND DELIVERY ADJUSTMENTS.

PAUL MUELLER COMPANY

SYM.	CHANGE	BY	DATE
C	MANWAY GASKET WAS #9827340	RMZ	12/02/02
B	6 WAS 9820745•CHANGED WELD ON DET A•ADDED 23, 24	RMZ	11/18/02
A	CHANGES PER CUST DWG•OD WAS 120•VOLUME WAS 10000 GAL•4 WAS 9820745•6 WAS 510954•9 WAS 512364•DEL 23	RMZ	10/22/02

REVISIONS

JBF
JBF

MATERIAL FINISHES
INTERIOR 2B EXTERIOR 2B

WELD FINISHES
INTERIOR MEDIUM GRIND #3
EXTERIOR MEDIUM GRIND #3

SPECIFICATIONS
VESSEL
CODE NONE
RADIOGRAPHY
Top Head | Top Head To Shell | Shell | Bottom Head | Bottom Head To Shell

HEAT TRANSFER
CODE
RADIOGRAPHY
Top Head | Top Head To Shell | Shell | Bottom Head | Bottom Head To Shell

SIZE (GALLONS) - MODEL: 10000 GAL SV
SERIAL NUMBER: 291646-1

VESSEL INFORMATION
DESIGN PRESSURE 0 PSI — DESIGN TEMP. 150 °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 = 5531 A LBS
SCALE 1"=24" (DO NOT SCALE THIS DRAWING)

DRAWN BY	R. ZILER	DATE	09/18/02
REVIEWED BY	JBF/WFB	DATE	09/27/02
REVIEWED BY		DATE	
APPROVED BY		DATE	

SOLD TO WATER & POWER TECHNOLOGIES
ADDRESS SALT LAKE CITY, UT
CUSTOMER ORDER NO. 26662-A

TITLE A 9,000 GAL SV STORAGE TANK

QUANTITY ONE

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

SALES ORDER & SERIAL NO. 291646-1
DRAWING NO. FP12976 D

SEPIA FROM DWG. NO.