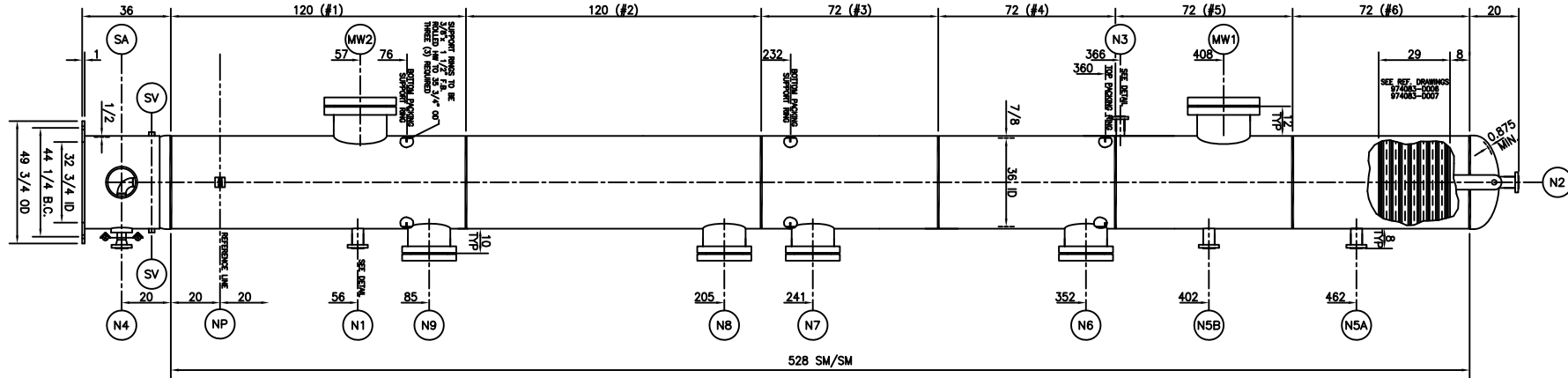
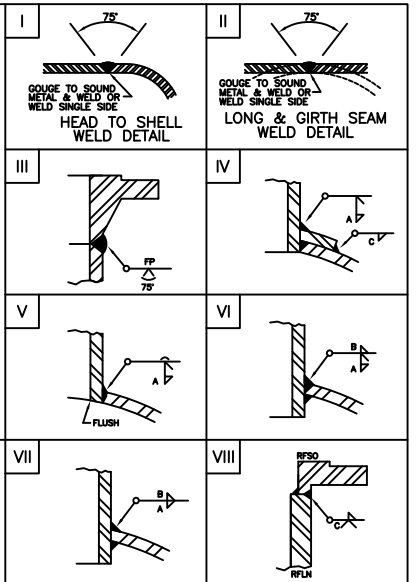


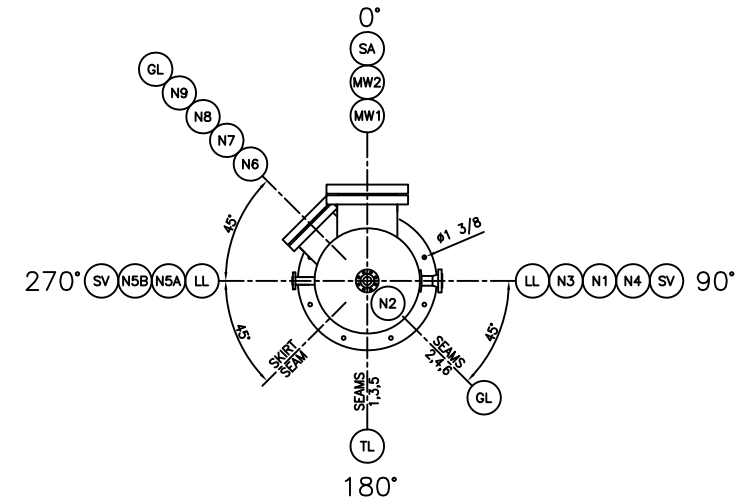
PPI FABRICATION NOTES:

1. AMINE VESSEL REQUIRES:
 - a. Vessel to be post weld heat treated.
 - b. Seal weld all accessible internal parts.
 - c. Post weld heat treat all process blinds.

- NOTES:
1. Parts and material for one (1) vsl., 1 vsl(s), req.d. unless otherwise noted.
 2. Flange bolt holes to straddle vessel centerlines unless otherwise noted.
 3. Drill & tap 1/4" telltale hole in reinforcing pads.
 4. Leave 1/4" unwelded in fillet weld of lift lugs, etc.
 5. Outside projection shown in the nozzle schedule is from the vessel O.D. unless otherwise noted.
 6. Inside projection shown in the nozzle schedule is minimum only.
 7. All tail dimensions are from the reference line.
 8. All nozzles shall be adequately protected and covered for shipment. All screwed connections shall be retapped.
 9. All nozzles shall have 1/8" radius both sides of wall on internal projection.
 10. Hydrotest with rust preventive. Chart T&P for 2 hours.
 11. Seal weld all internal/external attachments.
 12. Radiography to be 100% of pressure welds.
 13. Magnetic Particle Testing (MT). Nozzle neck to shell, repad to nozzle neck and repad to shell.
 - a. Root pass.
 - b. Completed attachment welds of:
 - 1). Lifting lug.
 - 2). Reinforcement pads.
 14. Repad to be ONE PIECE and have one 1/4"NPT hole at lowest point. Test to 25 psi.



ELEVATION
(DO NOT USE FOR ORIENTATION)

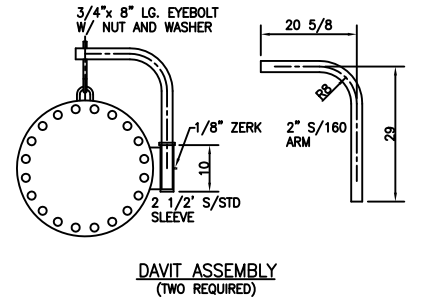
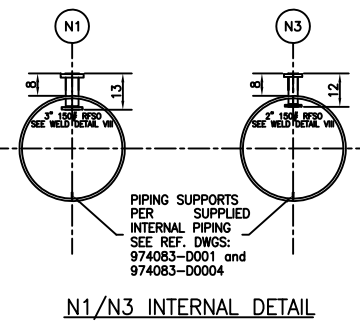
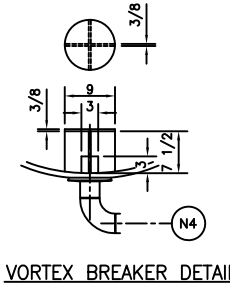
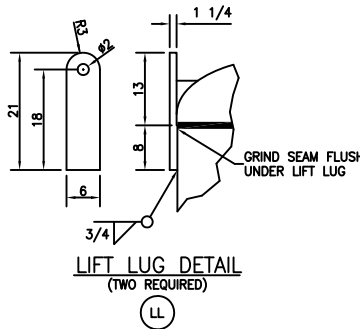
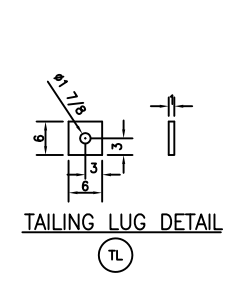
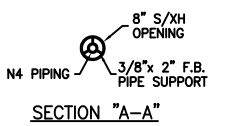
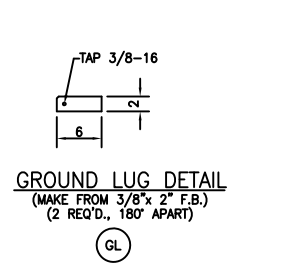
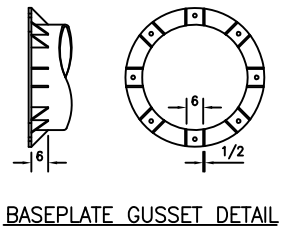


ORIENTATION

NAT'L. BD. NO. 3526
 Certified by: PRESSURE PRODUCTS, INC. FORT WORTH, TEXAS
 W 803 PSI AT 200 F.
 RT-1 MAX. ALLOW. WORKING PRESSURE
 HT -20 F. AT 803 PSI
 MIN. DESIGN METAL TEMP.
 SERIAL NO. 08137 YEAR BUILT 2008
36"ID AMINE CONTACTOR
 T-301
 PARTIAL DESCRIPTION

SPECIFICATIONS

YEAR BUILT	2008	TAG/MODEL NUMBER	T-301
SERIAL NO.	08137	NATIONAL BD. NO.	3526
DESIGN PRESSURE INTERNAL	803	PSIG @ TEMP.	-20/200 F MIN/MAX
DESIGN PRESSURE EXTERNAL	-	PSIG @ TEMP.	-
HYDRO PRESSURE INTERNAL	1204	J.E. LONG SEAMS	100% (FULL)
CORROSION ALLOWANCE	0.1250	J.E. ROUND SEAMS	100% (FULL)
FLANGE RATING	RT-1	STRESS RELIEVE	YES, UCS 56
SHELL MATL. SPEC.	SA516-70	HEAD MATL. SPEC.	SA516-70
FLANGE MATL. SPEC.	SA105	CPLG. MATL. SPEC.	-
PIPE MATL. SPEC.	SA106-B	BW FIT. MATL. SPEC.	SA234-WPB
REPAD MATL. SPEC.	SA516-70	STRUC. MATL. SPEC.	SA36
RF GSK. MATL. SPEC.	304 SS	FLG. STUD SPEC.	SA193-B7
RJ GSK. MATL. SPEC.	-	FLG. NUT SPEC.	SA194-2H
EMPTY WEIGHT	-	FULL LIQUID WEIGHT	-
RF GSK. DESC.	1/8" SPIRAL WOUND METAL/COMP.		
RJ GSK. DESC.	-		
WELD PROCEDURE	B.9.10		
INSULATION DESC.	NONE		
INSPECTION BY	ONE BEACON		
CONSTRUCTION CODE	ASME SEC. VIII DIV. 2, 2007 Ed.		
EXT. SURFACE TREATMENT	SEE PAINT SPECIFICATION		
INT. SURFACE TREATMENT	CLEAN, FREE FROM OIL, SLAG, GRIT, ETC.		



PAINT SPECIFICATION:

PRIMER COAT: SHERWIN-WILLIAMS EPOXY PHENOLIC EPO-PHEN (PRODUCT #7.13) 7-9 MILS D.F.T. COLOR: GRAY

TOP COAT: SHERWIN-WILLIAMS ACRYLIC POLYURETHANE ACROLON 218 HS-657604 (PRODUCT #5.22) 3-8 MILS D.F.T. COLOR: SHALE GREEN MSY4/2-4381 (SEE OFFICE FOR COLORANTS)

SURFACE PREPARATION: NEAR-WHITE BLAST SSPC-SP10 (2-3 MIL SURFACE PROFILE)

MARK NO.	SERVICE	SIZE	RATING	TYPE	BORE	WALL	LG.	MAT'L.	OD & THK	MAT'L.	O.S.	I.S.	WELD	A	B	C
SV 2	SKIRT VENT	2.00	-	PIPE	1.93	0.218	2.5000	SA106-B	-	-	1.5000	REM.	VII	0.2500	MIN.	-
SA 1	SKIRT ACCESS	12.00	-	PIPE	11.37	0.687	3.7500	SA106-B	-	-	1.5000	REM.	VII	0.3750	0.2500	-
N9 1	PACKING DUMP	12.00	0600	RFHN	11.37	2.937	14.0000	SA105	-	-	10.0000	FLUSH	VI	0.3750	-	-
N8 1	PACKING FILL	12.00	0600	RFHN	11.37	2.937	14.0000	SA105	-	-	10.0000	FLUSH	VI	0.3750	-	-
N7 1	PACKING DUMP	12.00	0600	RFHN	11.37	2.937	14.0000	SA105	-	-	10.0000	FLUSH	VI	0.3750	-	-
N6 1	PACKING FILL	12.00	0600	RFHN	11.37	2.937	14.0000	SA105	-	-	10.0000	FLUSH	VI	0.3750	-	-
N5B 1	LEVEL BRIDLE	3.00	0600	RFLN	3.00	0.812	10.0000	SA105	-	-	10.0000	0.3750	VI	0.3750	0.3750	-
N5A 1	LEVEL BRIDLE	3.00	0600	RFLN	3.00	0.812	10.0000	SA105	-	-	10.0000	0.3750	VI	0.3750	0.3750	-
N4 1	AMINE OUTLET	3.00	0600	RFWN	2.62	0.438	18.7500	SA106-B	0.50x7.50	SA516-70	8.0000	FLUSH	III	IV	0.5000	0.5000
N3 1	AMINE INLET	2.00	0600	RFLN	2.00	0.656	11.0000	SA105	-	-	10.0000	REM.	VI	VIII	0.3750	MIN.
N2 1	PRODUCT OUTLET	3.00	0600	RFLN	3.00	0.812	10.0000	SA105	-	-	10.0000	FLUSH	V	-	0.3750	-
N1 1	PRODUCT INLET	3.00	0600	RFLN	3.00	0.812	11.7500	SA105	-	-	10.0000	REM.	VI	VIII	0.3750	0.3750
MW2 1	MANWAY	18.00	0600	RFLN	18.00	1.750	17.0000	SA105	-	-	12.0000	1.0000	VI	-	1.0000	0.6250
MW1 1	MANWAY	18.00	0600	RFLN	18.00	1.750	17.0000	SA105	-	-	12.0000	1.0000	VI	-	1.0000	0.6250

NUMBER	REV. SHEET	DESCRIPTION	NO.	DESCRIPTION	DATE	BY
974083-0001	0	1 of 2 CONTINUOUS PHASE FEED PIPE, MODEL 544	0	ISSUE FOR ELEVATIONS AND ORIENTATIONS, ETC.	05/22/08	JEM
974083-0004	0	1 of 2 DISPERSED PHASE FEED PIPE, MODEL 545	1	PER COMMENTS DATED 06-17-08	06/25/08	JEM
974083-0006	0	1 of 1 K-G COALEX ASSEMBLY, BOTTOM UNIT	2	PER COMMENTS DATED 07-21-08	08/05/08	JEM
974083-0007	0	1 of 1 K-G COALEX ASSEMBLY, TOP UNIT	3	MOVED TOP PACKING RING FROM 358" TO 360" ABOVE REF. LINE	09/11/08	JEM
			4	ADDED REFERENCE DRAWINGS, EDITORIAL CHANGES	09/14/08	JEM
			5	CHANGED SHELL COURSE LENGTHS	09/26/08	JEM

PRESSURE PRODUCTS, INC.
 15920 US HWY. 377 SOUTH, FORT WORTH, TEXAS 76126
 (817) 249-1336
 www.pressureproducts.com

AMINE CONTACTOR (T-301)
 36"ID x 44'-0" SM/SM

SCALE: 0.3750 P.O. NO.
 DRAWN JEM 05/22/08 JOB NO. 08023
 CHECK BM 05/23/08 DWG. NO. D2795
 APVD