DESIGN DATA

I. DESIGN CRITERIA:

PRESSURE:
VESSEL 10" WC PSI@ 250 F
JACKET _____ PSI@ _____ F

C.A.	INT.	EXT.
VESSEL	NONE	
JACKET		

M.D.M.T. _____ F@ _____ PSI

II. OPERATING CONDITIONS:

PRESSURE:
VESSEL ATMOS PSI@ 122 F
JACKET _____ PSI@ _____ F

III. ASME CODE SECT VIII DIV.1:

_____ EDITION _____ AD
STAMPED NO
LETHAL SERVICE NO
PWHT N/A F FOR _____ HRS.

IV. NON-DESTRUCTIVE EXAMINATION:

N/A

RADIOGRAPHY RT-____

	VESSEL	JACKET
LONGITUDINAL SEAMS	NONE	
CIRCUMFERENTIAL SEAMS	NONE	
HEAD TO SHELL SEAMS	NONE	
NOZ./MW > 10" NPS	NONE	

V. MATERIALS:

VESSEL HEADS SB-575
TYPE OF HEADS STD F&D
VESSEL SHELL SB-575
FLANGE SA-105 TYPE RFSO
PIPE SB-575/SB-619
FITTINGS _____
CLADDING SB-575
LINING _____
BOLTS/NUTS SA-193-B7/SA-194-2H
GASKETS TEFLON
INTERNALS SB-575/SB619
SUPPORTS C/S
PAINT SEE NOTE-6

VI. MISC. EMPTY WT. 2500#
HYDRO: SHELL FULL H20 PSI@ AMB F
JACKET _____ PSI@ _____ F

INTERNAL DRAWING APPROVAL

DESCRIPTION	DATE	PE/DATE	QC/DATE
APPROVAL DRAWING	SP/ 11-15-91		
REVISED APPROVAL	SP/ 12-16-91	12-16-91	

DRAWING REVISIONS

REV	DESCRIPTION
0	PER SKETCH
1	PER MARK-UP

TRANSMITTAL RECORD

DATE SENT	COPIES/REPOS	DATE RET'D

WELD PROCEDURES

WPS NO.	PROCESS	ELECTRODE
208	SMAW	ENiCrMo-4
209	GTAW	ERNiCrMo-4
501	SMAW	E-304
505	SMAW	ENiCrMo-4
506	SMAW	ENiCrMo-4

GENERAL NOTES

1. ALL NOZZLE BOLT HOLES SHALL STRADDLE 0-180 CENTER LINES OR ITS PARALLEL UNLESS OTHERWISE SPECIFIED.
2. ALL NOZZLE REINFORCING PADS SHALL HAVE A MIN. OF 1/4" DIA. NPT. WEEP HOLE IN EACH SEGMENT
3. ALL STAINLESS & NICKLE ALLOYS EXCEEDING 3/4"NOM. SHALL BE PT EXAMINED @ FINISH WELD
4. ALL 3:1 TAPERS OBTAINED BY WELD MATERIAL SHALL BE PT EXAMINED @ FINISH WELD
5. ALL DIP TUBES BOLTED IN FLANGE CONNECTIONS ARE NOT STAMPED.
6. 1 S/C RED OXIDE PRIMER ON C/S PARTS ONLY.

AUTHORIZED INSPECTOR HOLD POINTS

IMPACT TEST EXEMPTIONS

CUSTOMER INFORMATION

P.O. NO 86096-7117-001
P.O. DATE _____
EQUIP. NO. TS-1016
CUST. DWG. NO. _____
F.O.B. NEWPORT, TN.

SPECIAL TAGS/MARK
DISSOLVER TANK

W

NATIONAL BOARD NO.

CERTIFIED BY
ADDISON FABRICATORS INC.
HWY 278 E. ADDISON, AL 35540

MAWP. 10" WC PSIG @ 250 F
MDMT _____ F @ _____ PSIG
JKT. _____ PSIG @ _____ F

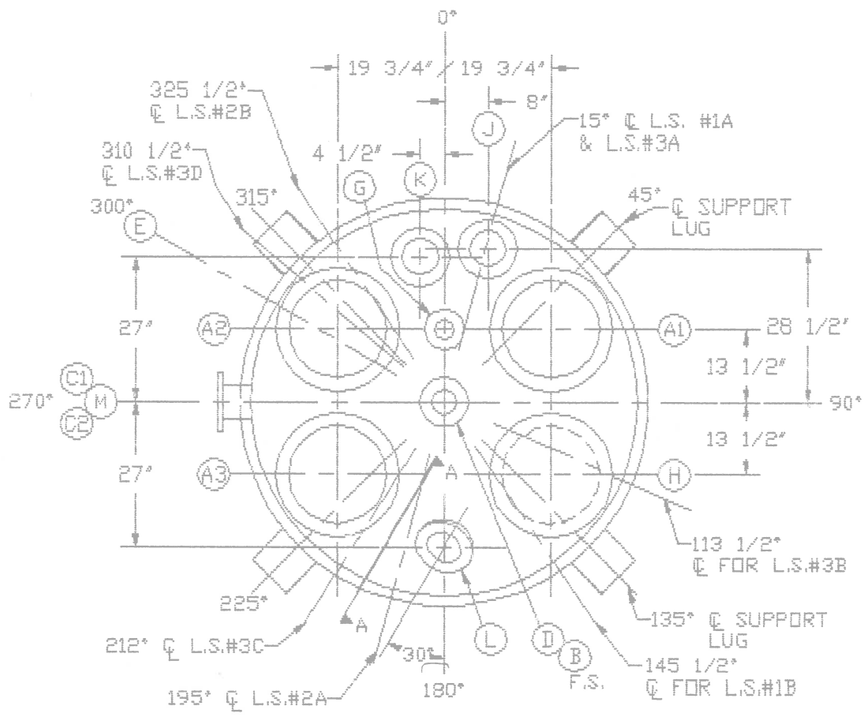
MFGR'S SERIAL NO. 1J0658 YR. BUILT 1992
CUSTOMER GLCC EQUIP. # TS-1016
P.O. # 86096-7117-001

DRAWING NO. 1D0658

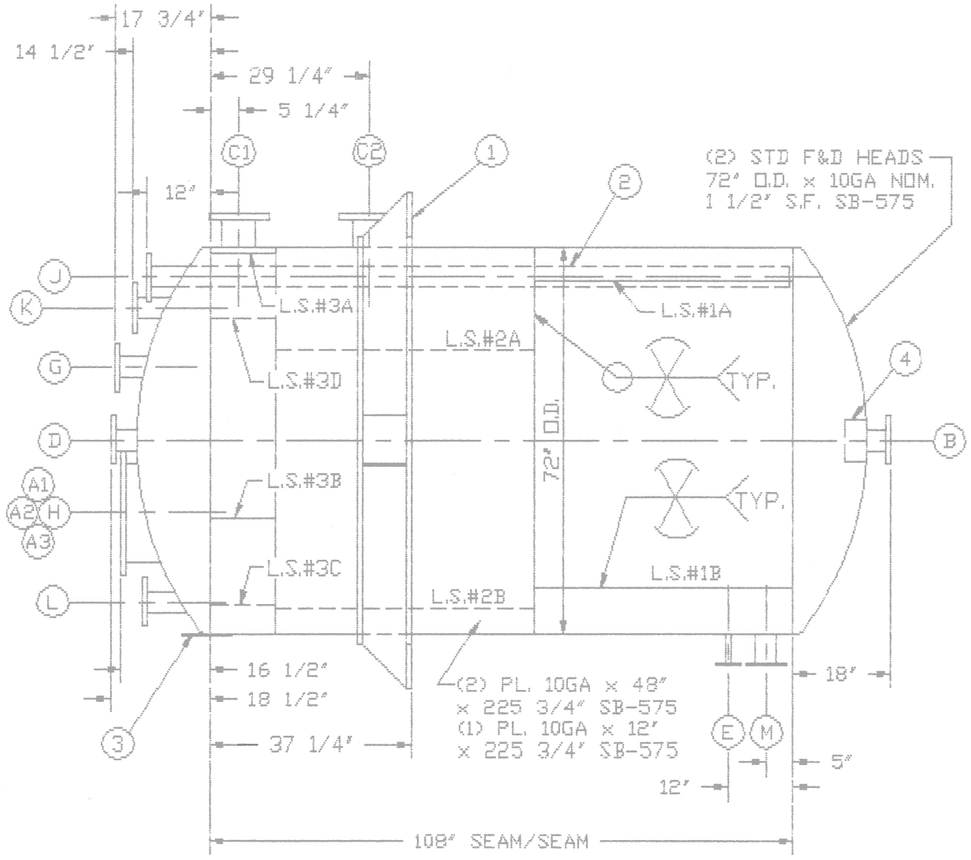
ADDISON FABRICATORS
P.O. BOX 330
ADDISON, AL 35540

GLCC

NOMENCLATURE DISSOLVER TANK
DWG. BY: S.P. DATE: 11-15
SHT. 1 OF 7 REV. NO. 1
JOB NO. 1J0658
PROJECT ENGINEER 12/16/91

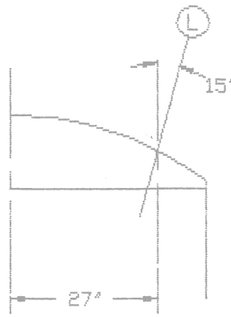


PLAN



ELEVATION

ITEM NO.	QUAN	DESCRIPTION	DTL.	PG. NO.
1	4	SUPPORT LUGS	IX	7
2	1	INLET NOZZLE	VII	6
3	2	LIFTING LUGS	VIII	6
4	1	VORTEX BREAKER	VI	5



SECTION-AA
15° SKEW TAKEN @ 30°
AWAY FROM 0°-180° ℄

DRAWING NO. 1D0658

ADDISON
FABRICATORS
P.O. BOX 330
ADDISON, AL 35540

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NOMENCLATURE DISSOLVER TANK

EQ# TS-1016

DWG. BY: S.P. DATE: 11-15-91

SHT. 2 OF 7 REVISION NO. 1

PROJECT ENGINEER/DATE 12/16/91

NOZZLE SCHEDULE

MK.	SIZE	SERVICE	REF. DET.	REF. SHT.	NOZZLE FLANGE RTG.	NOZZLE FLANGE TYPE	NOZZLE FLANGE MAT'L	NECK SCH.	NECK MAT'L	CLADDING	O.S. PROJ	I.S. PROJ	NZL REINF. PADS DESCRIPTION	NZL REINF. PADS MAT'L	NZL BOLTING STUDS NUTS	NZL. GSKT'S MAT'L	REMARKS
A1	18"	INLET	V	5	SEE SHT-5			SHOP FAB	SB-575	SEE SHT-5	SEE SHT-2						
A2	18"	INLET	V	5	SEE SHT-5			SHOP FAB	SB-575	SEE SHT-5	SEE SHT-2						
A3	18"	INLET	V	5	SEE SHT-5			SHOP FAB	SB-575	SEE SHT-5	SEE SHT-2						
B	3"	OUTLET	I	4	150#	RFSO	SA-105	10s	S8-575/ SB619	PL. 3/16" x 3 5/16" I.D. x 5" O.D. SB-575	SEE SHT-2						
C1	6"	OUTLET	I	4	150#	RFSO	SA-105	SHOP FAB	SB-575	PL. 3/16" x 6 1/2" I.D. x 8 1/2" O.D. SB-575	6"						
C2	6"	OUTLET	I	4	150#	RFSO	SA-105	SHOP FAB	SB-575	PL. 3/16" x 6 1/2" I.D. x 8 1/2" O.D. SB-575	6"						
D	4"	VENT	I	4	150#	RFSO	SA-105	10s	S8-575/ SB619	PL. 3/16" x 4 5/16" I.D x 6 3/16" O.D. SB-575	SEE SHT-2						
E	1"	THERMOWELL	I	4	150#	RFSO	SA-105	10s	S8-575/ SB619	PL. 3/16" x 1 3/16" I.D. x 2" O.D. SB-575	3"						
G	3"	SPARE	I & IV	4	150#	RFSO	SA-105	10s	S8-575/ SB619	PL. 3/16" x 3 5/16" I.D. x 5" O.D. SB-575	SEE SHT-2				(4) 5/8"ø x 4" STUDS W/2 NUTS EA. B7/2H	1/16" THK. x 5" O.D. 150# TEFLON DISC	W/BLIND
H	18"	MANWAY	V	5	SEE SHT-5			SHOP FAB	SB-575	SEE SHT-5	SEE SHT-2				(16) 3/4"ø x 3" BOLTS W/1 NUT EA. B7/2H	SEE SHT-5	W/BLIND
J	3"	INLET	VII	6	150#	RFSO	SA-105	10s	S8-575/ SB619	PL. 3/16" x 3 5/16" I.D. x 5" O.D. SB-575	SEE SHT-2	SEE SHT-6					
K	6"	INLET	I	4	150#	RFSO	SA-105	SHOP FAB	SB-575	PL. 3/16" x 6 1/2" I.D. x 8 1/2" O.D. SB-575	SEE SHT-2						
L	6"	AGITATOR	II	4	150#	RFSO	SA-105	SHOP FAB	SB-575	PL. 3/16" x 6 1/2" I.D. x 8 1/2" O.D. SB-575	6"		PL. 10GA. x 6 3/4" I.D. x 11" O.D.	SB-575			
M	3"	LEVEL TRANS.	II	4	150#	RFSO	SA-105	10s	S8-575/ SB619	PL. 3/16" x 3 5/16" I.D. x 5" O.D. SB-575	6"						

DRAWING NO. 1D0658

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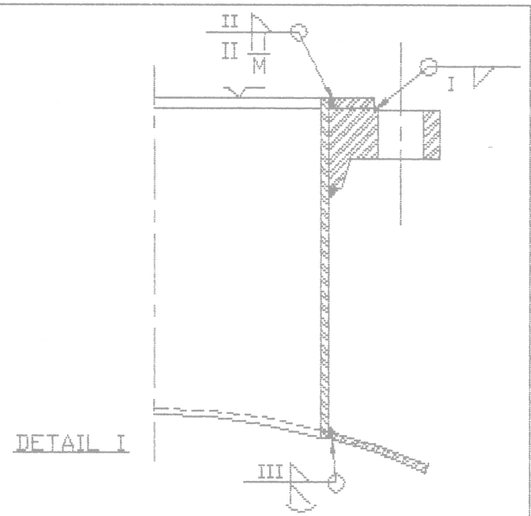
NOMENCLATURE DISSOLVER TANK

EQ# TS-1016

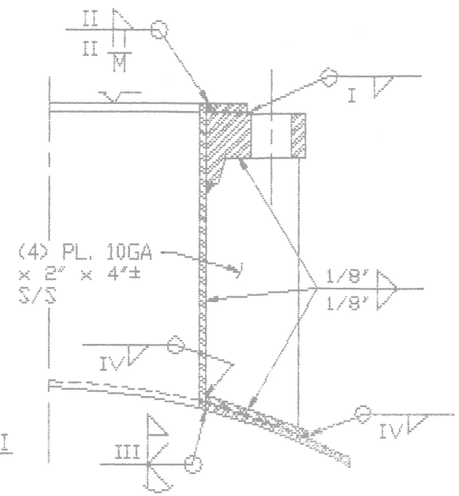
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SHT. 3 OF 7 REVISION NO. 1

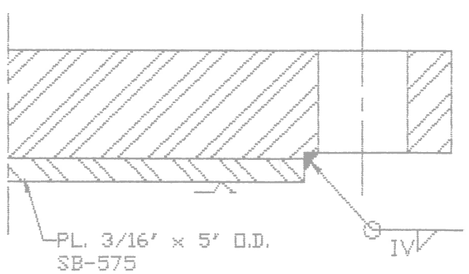
PROJECT ENGINEER/DATE: 12-16-91



DETAIL I



DETAIL II



DETAIL IV

NOZZLE MARK	DETAIL THIS SHEET	NOZZLE FILLET WELD SIZES			
		I	II	III	IV
B	I	1/8"	1/8"	1/8"	
C1	I	1/8"	1/8"	1/8"	
C2	I	1/8"	1/8"	1/8"	
D	I	1/8"	1/8"	1/8"	
E	I	1/8"	1/8"	1/8"	
G	I & IV	1/8"	1/8"	1/8"	3/16"
K	I	1/8"	1/8"	1/8"	
L	II	1/8"	1/8"	1/8"	1/8"
M	II	1/8"	1/8"	1/8"	

NOTES:
1. FILET WELD SIZE INDICATES DIMENSION OF FILLET 'LEG", NOT THE DIMENSION THROUGH THROAT OF FILLET.
2. SEGMENTED REINFORCING PAD TO HAVE A MINIMUM OF (1) 1/4" DIA. NPT WEEP HOLE IN LOW SIDE OF SEGMENT.
3. GROOVE WELD OF RE-PAD MUST TIE INTO THE NOZZLE NECK ATTACHMENT WELD.
4. ROUND ALL INSIDE EDGES TO A 1/8" RADIUS, MINIMUM.
5. SEE NOZZLE SCHEDULE FOR INSIDE AND OUTSIDE PROJECTIONS.
6. BORE I.D. MUST MATCH UP FOR WELDING

DRAWING NO. 1D0658

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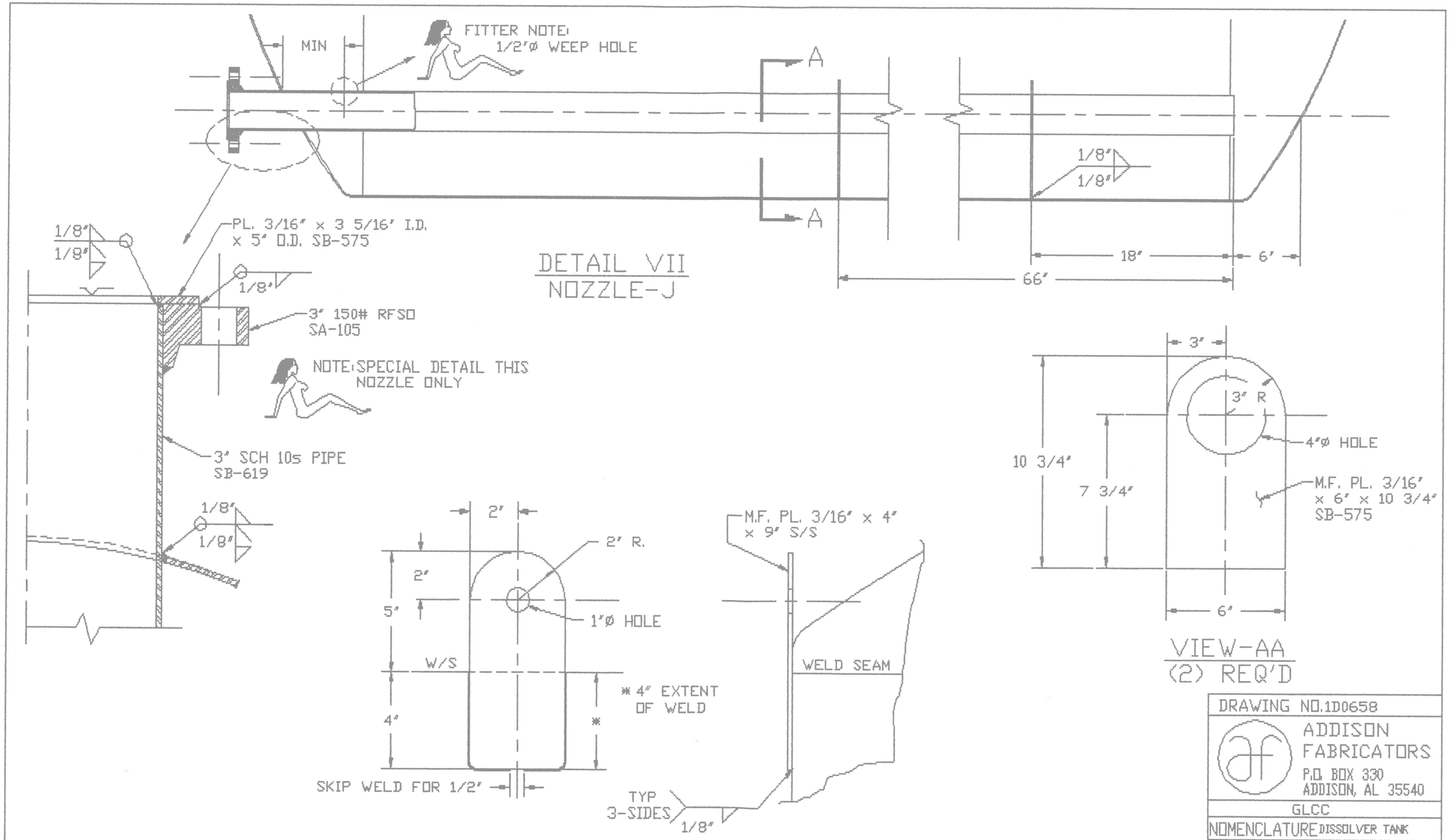
NOMENCLATURE DISSOLVER TANK

EQ# TS-1016

DWG. BY: S.P. DATE: 11-18-91

SHT. 4 OF 7 REVISION NO. 1

PROJECT ENGINEER/DATE: 12-16-91

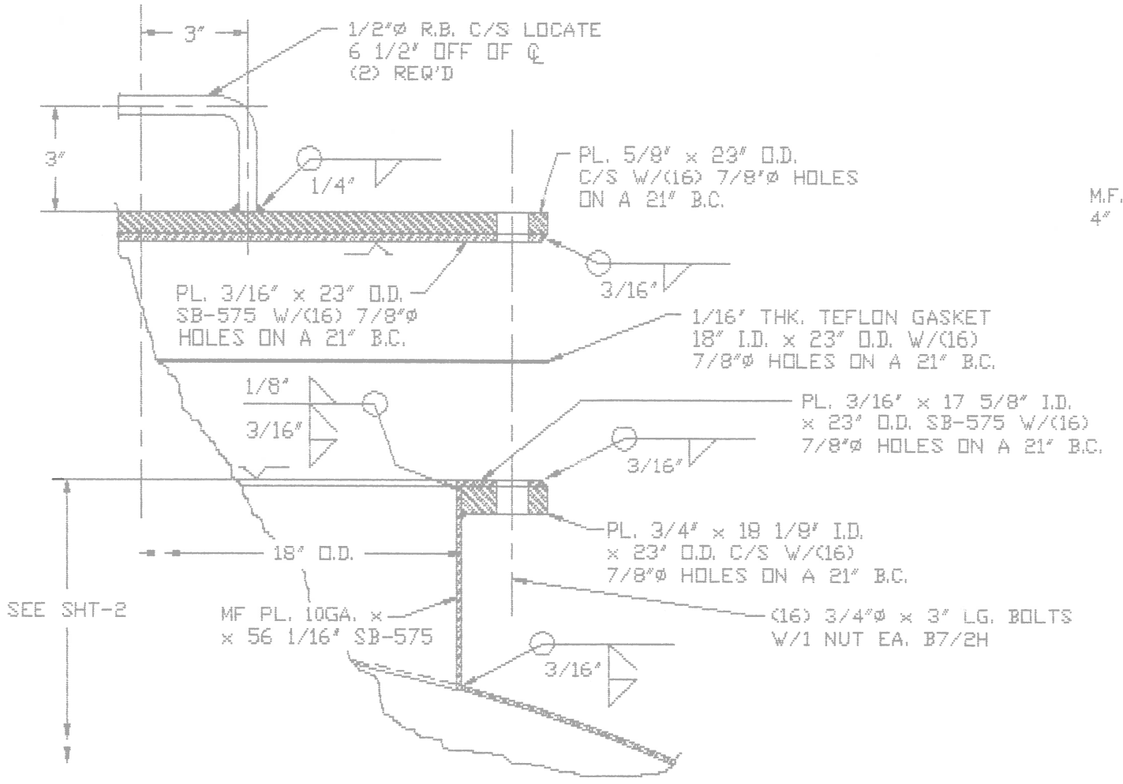


DETAIL VII
NOZZLE-J

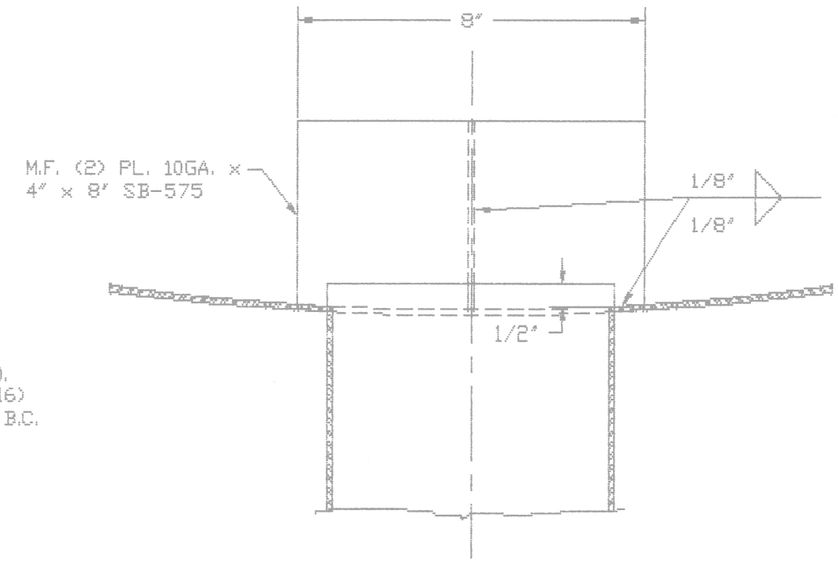
VIEW-AA
(2) REQ'D

DETAIL VIII
LIFTING LUG DETAIL
(2) REQ'D @ 0° & 180°

DRAWING NO.	1D0658
	ADDISON FABRICATORS P.O. BOX 330 ADDISON, AL 35540
	GLCC
NOMENCLATURE	DISSOLVER TANK
EQ#	TS-1016
DWG. BY:	S.P. DATE: 11-19-91
SHT.	6 OF 7 REVISION NO. 0
PROJECT ENGINEER/DATE:	11/21/91



DETAIL V
NOZZLES-A1,A2,A3 & H



DETAIL VI
VORTEX BREAKER
NOZZLE-B ONLY

NOTE: MANWAY COVER, BOLTS &
GASKET FOR NOZZLE-H ONLY

DRAWING NO. 1D0658

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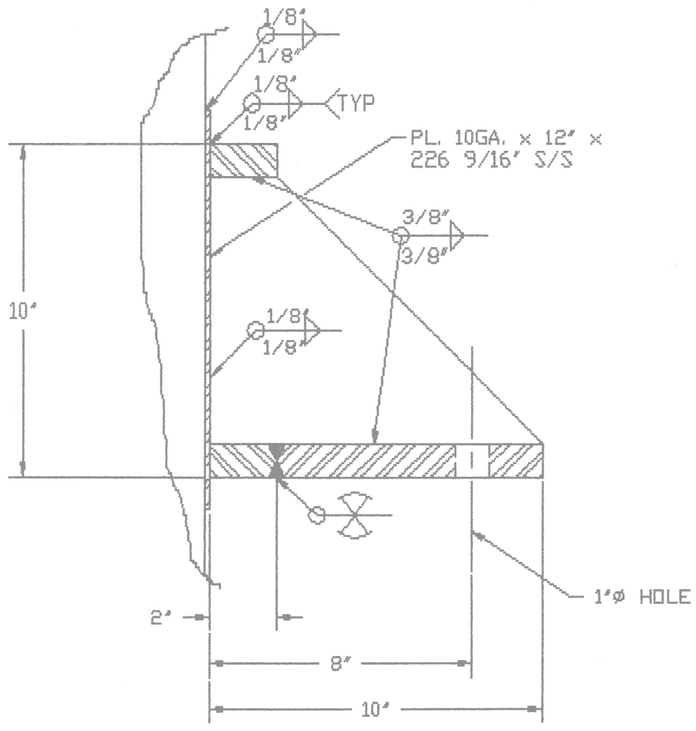
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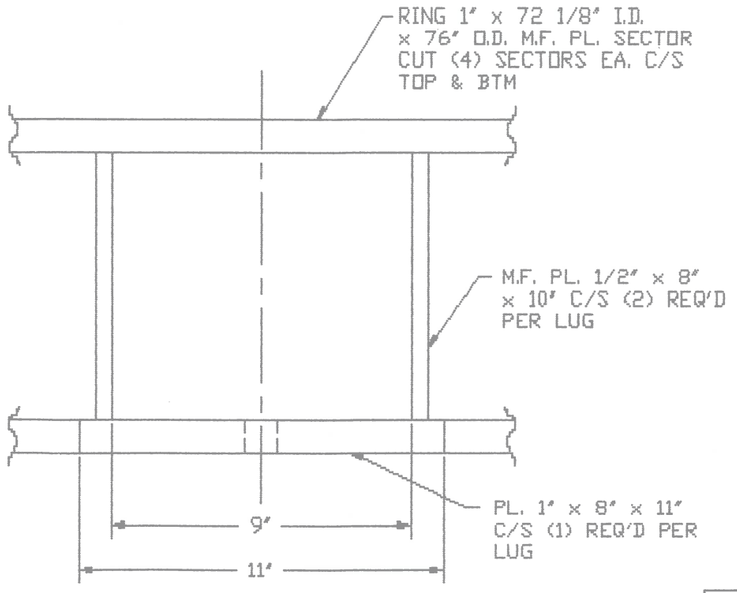
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DWG. BY: S.P. DATE: 11-18-91

SH. 5 OF 7 REVISION NO. 1

PROJECT ENGINEER/DATE: 12/16/91





DETAIL IX
SUPPORT LUGS
(4) REQ'D @ 45°,135°,225° & 315°

DRAWING NO. 1D0658	
ADDISON FABRICATORS P.O. BOX 330 ADDISON, AL 35540	
GLCC	
NOMENCLATURE DISSOLVER TANK	
EQ# TS-1016	
DWG. BY: S.P.	DATE: 11-19-91
SHT. 7 OF 7	REVISION NO. 0
PROJECT ENGINEER/DATE:	11/19/91