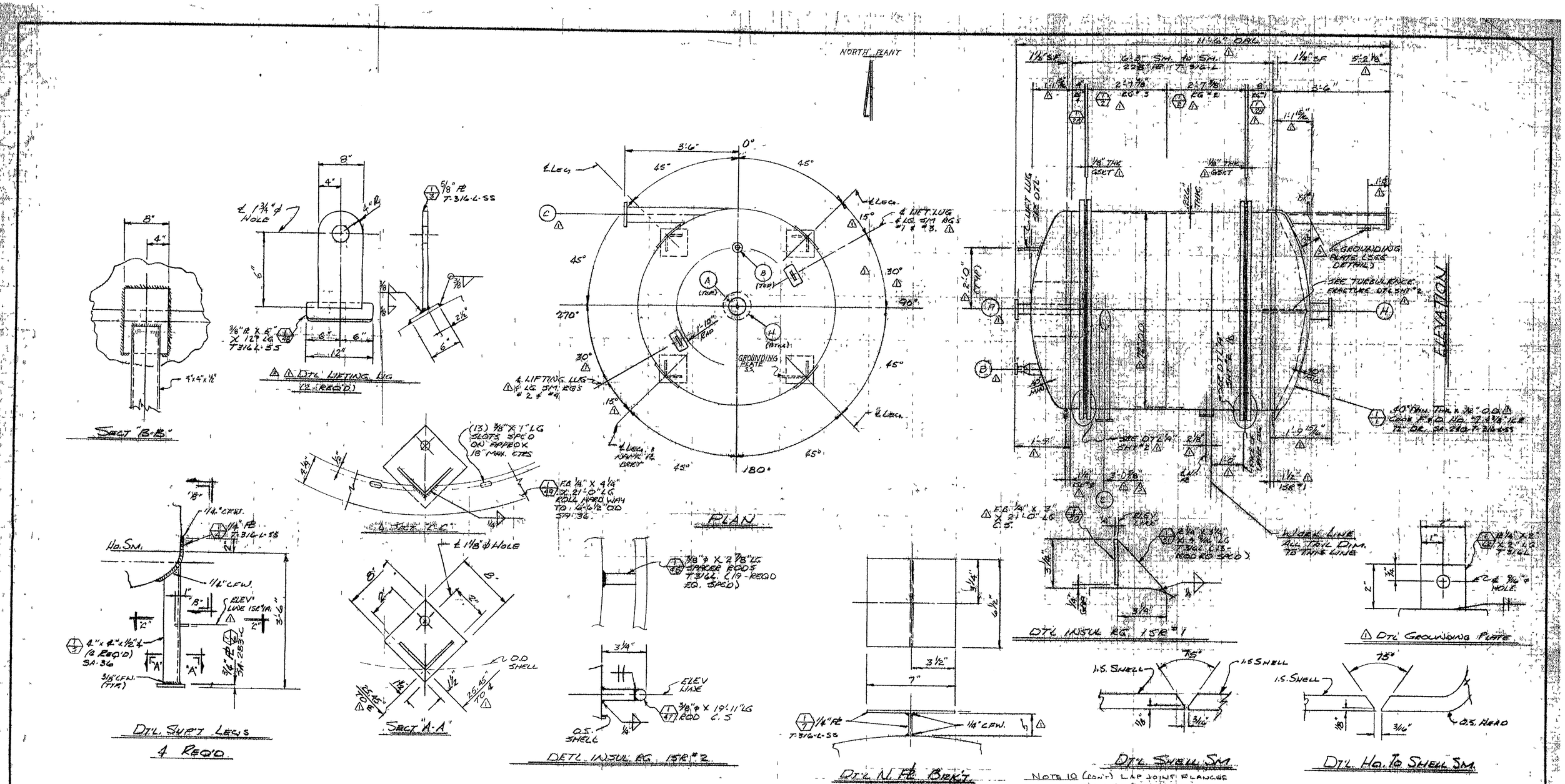

MARK	REQ'D	SIZE	PROJECTION	FLANGE TYPE	FLANGE DESCRIPTION	FLANGE RATING	NOZZLE SCH.	NOZZLE I.S. PROJ.	REINF. PAD	ATTACHMENT WELDS TYPE	a	b	c	SERVICE	REMARKS
H	ONE	8"	SEE ELEV	—	RFSO	150									
C	ONE	8"	SEE DTL	—	RFSO	150									
B	ONE	1"	SEE ELEV.	—	RFSO	150			SEE DTL SHT #2						2"/1" BAD SPEC.
A	ONE	8"	SEE ELEV.	—	RFSO	150									

CONNECTION SCHEDULE

DESIGN:

VESSEL TO BE FABRICATED IN ACCORDANCE WITH THE ASME SECT. VIII DIV. I

CODE STAMP U REQ'D.
PRESSURE 90 PSIG.
TEMPERATURE 500 °F
RADIOGRAPH COMP.
WIND PRESSURE 125 MPH
JOINT EFFICIENCY 100 %
CORROSION NONE

MATERIAL

SHELL T-316-L-SS
HEADS T-316-L-SS
FLANGES SA-105
NOZZLE NECKS T-316-L-SS
NOZZLE REINFORCING T-316-L-SS
COUPLINGS T-316-L-SS
INTERNALS
EXTERNALS
GASKETS JM-BLK VERTINE
BOLTS/STUDS SA-193 B7 (GALV.)
NUTS SA-194 2H (GALV.)
WELDING ROD

GENERAL NOTES:

1. ALL TAIL DIMENSIONS READ FROM REFERENCE LINE.
2. BOLT HOLES TO STRADDLE NORMAL CENTER LINES, UNLESS OTHERWISE NOTED.
3. RETAP ALL COUPLINGS AFTER WELDING.
4. AIR TEST @ PSIG.
5. NOZZLE PROJECTIONS ARE FROM CENTER LINE OF VESSEL OR REFERENCE LINE TO FACE OF NOZZLE, UNLESS OTHERWISE SPECIFIED.
6. ALL ARC LENGTHS MEASURED ON OUTSIDE OF VESSEL UNLESS OTHERWISE SPECIFIED.
7. ALL NOZZLES SHALL BE ADEQUATELY COVERED AND PROTECTED FOR SHIPMENT.
8. SEE STANDARD DRAWING MV-SI-100 FOR NOZZLE DETAILS.
9. GASKET SURFACES WHETHER FORMED BY CLADDING OR FACING WITH PLATE SHALL BE MACHINED TRUE AND FINISHED WITH A CONTINUOUS SPIRAL GROOVE FACE WITH A 90° INCLUDED ANGLE V. TOOL. THE GROOVE 1/64" DEEP AND OF RADIUS OF 1/64" FOR ALL SIZES.
10. SURFACE PREPARATION.
    ALL S.S. SURFACES SHALL BE BRUSH BLASTED STAINLESS STEEL OR PICKLED TO REMOVE ALL MILL SCALE, RUST, OIL, GREAT, WELD FLUX, GREASE OR OTHER FOREIGN MATERIAL & APPLY CLEAN COAT OF EPOXY ADCO THUMALOX 70 TO TAPEOX 2 MILS DFT.
    ALL CARBON STEEL STRUCTURES TO BE WEAR WHITE METAL BLAST CLEAN TO SSPC SP-10 & APPLY SUBSEQUENT TO HARD COAT ONE COAT ADCO SUPER 2000 (2 MILS DFT).

VOLUME = 1639 GAL
WEIGHT FULL OF WATER = 18,173 LBS

NAME PLATE BRACKET (SEE DTL)

METAL ARTS COMPANY
HOUSTON, TEXAS

MANUFACTURED FOR
BADISCHE CORP.
P.O. NO. 6806-5008
DWG. NO. 80-2100 ITEM NO. D-1410
DESIGN 90 PSIG @ 500 °F
MAX. ALLOWABLE WP 90 PSIG @ 500 °F
HYD. TEST 147 PSIG HORIZ. POSITION
MFG. SERIAL NO. 80-2100 DIVISION I
EST. WT. EMPTY 45,000 DATE 1980

U
M.
ETH.

NAME PLATE FACSIMILE

AA - PLANT
6806 JOB NO. 3174
EQUIP NO D-1410

METAL ARTS COMPANY
SCALE

FINAL DATE 8-10-81

#78921

NO.	REVISIONS	BY	CK	APP	DATE
3	REV. EL OF NOZ C & ISR #1	LJD	NB	LJD	7/12/81
2	REV. LIFTING LUG	LJD	NB	RK	1/2/81
1	REV. DWG. PER CUST. APPROVAL	B.S.	RM	MR	12/15/80

72" O.D. x 64' 3" S.M. to S.M.
SOLVENT FLASH DRUM
PLAN & ELEV.
80-2100

CUST. BADISCHE CORP.

METAL ARTS COMPANY
2701 MAGNET HOUSTON, TEXAS

DRAWN RK 8-6-80
CHECKED RM 9-12-80
APPROVED RK 9-12-80
REVISION NO. 80-2100
SHT #1 OF