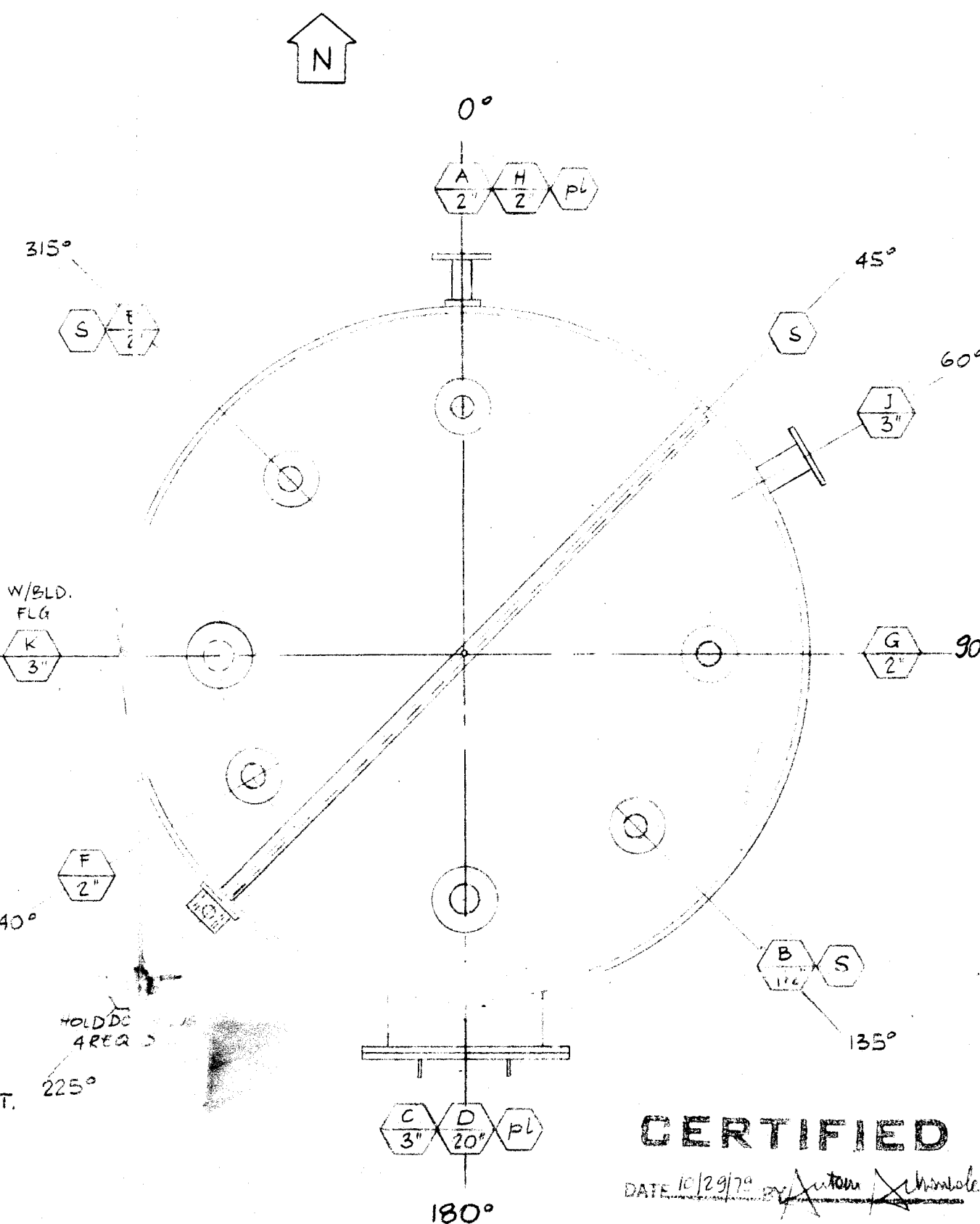


[illegible]

ORIENTATION

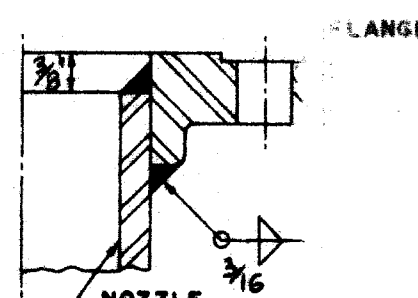


Diagram illustrating a nozzle assembly. A vessel is connected to a nozzle. A gap of $\frac{3}{16}$ inch is shown between the vessel and the nozzle. The nozzle is labeled "NOZZLE". The vessel is labeled "VESSEL". A radius of $\frac{1}{4}$ inch is indicated at the bottom of the nozzle assembly.

*NOTES :

- 1) ALL MATERIAL ~~304~~ L STAINLESS STEEL UNLESS NOTED OTHERWISE
- 2) ALL CARBON STEEL PARTS WELDED TO STAINLESS STEEL WITH STAINLESS STEEL ELECTRODES ONLY
- 3) ALL WELDING ASME QUALITY
- 4) ALL NOZZLES WITH CARBON STEEL FLANGE AND STAINLESS STEEL FACING TO BE MACHINED BEFORE INSTALLATION
- 5) ALL NOZZLE BOLT HOLES TO STRADDLE VESSEL HORIZONTAL AND VERTICAL CENTERLINES
- 6) TANK TO BE AIR TESTED
- 7) CARBON STEEL LUGS AND FLANGES TO BE COMMERCIAL SANDBLASTED AND PAINTED WITH ONE COAT OF "GLIDDEN" EPOXY 5256/5257

NOTES - CONTINUATION:

- 8) DESIGN CONDITIONS:
-4" H₂O/24" H₂O + LIQUID HEAD @ 400° F
- 9) OPERATING CONDITIONS:
ATMOSPHERIC @218° F
- 10) CORROSION ALLOWANCE: 1/16"
- 11) SPECIFIC GRAVITY OF CONTENTS: 1.0

93679

MIDCO DESIGN DATA: DESIGN BY AS DATE 9-5-79
CHECKED BY JHP DATE 9-7-79
WELDING BY AS DATE 9-6-79
APP'D. FOR FAB Antonia Khomelish DATE 10/29/79

EMPTY WT. 2600 #
SINGMASTER & BREYER P.O. NO C-454-4003

DETAIL "B"

INSULATION RING

MARK	SERVICE	SIZE	TYPE & RATING
A	INLET W/1"DIPPIPE	2"	150# RF50 FLG
B	N2 INLET	1½"	150# RF50 FLG
C	EMERGENCY VENT	3"	150# RF50 FLG
D	MANHOLE	20"	AP1-650 SIDE T.
E	INLET W/1"DIPPIPE	2"	150# RF50 FLG
F	VACUUM BREAKER	2"	150# RF50 FLG
G	CONSERVATION VENT	2"	150# RF50 FLG
H	OUTLET	2"	150# RF50 FLG
J	L T	3"	150# RF50 FLG
K	SPARE w/BLD.FLG	3"	150# RF50 FLG

MIDLAND STEEL CORP. COLUMBIA, S. C. 29201			1-803-779-5540	
1940 SHOP ROAD				
SCALE:	APPROVED BY:	DRAWN BY TS		
DATE: 9-5-79	<i>Arturo A. Hernandez</i>	REVISED 10/29/79		
WORK FOR: FMC CORP. BALTIMORE, MD.				
ITEM:	RECOVERED TMOA TANK ITEM # T-105	JOB NO. 4206	DRAWING NUMBER 4206-1	