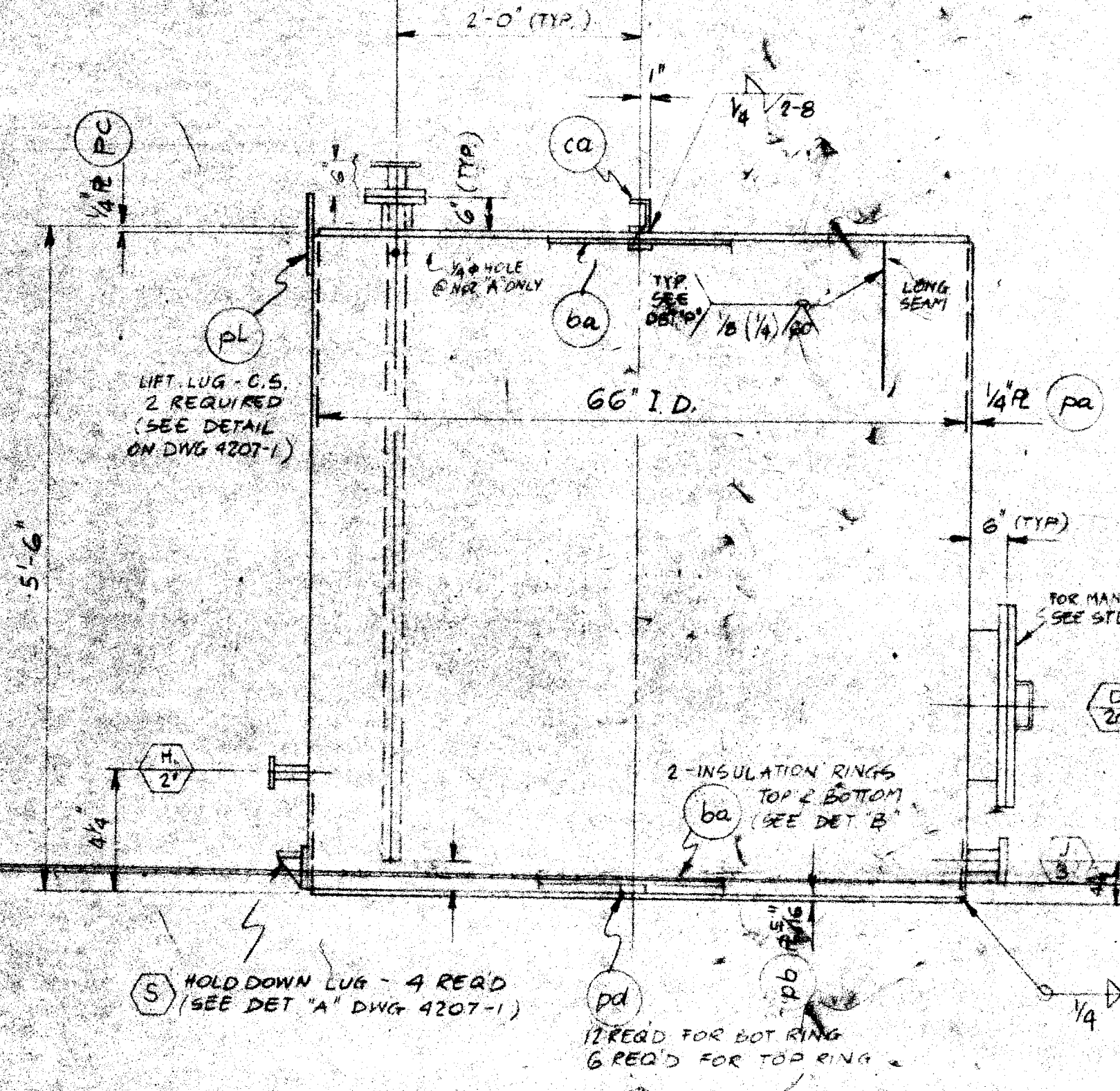
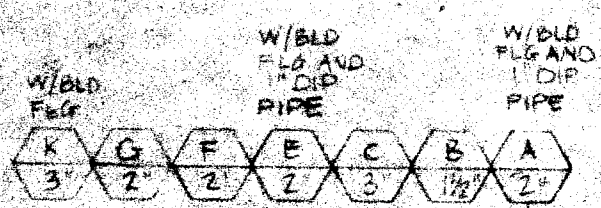
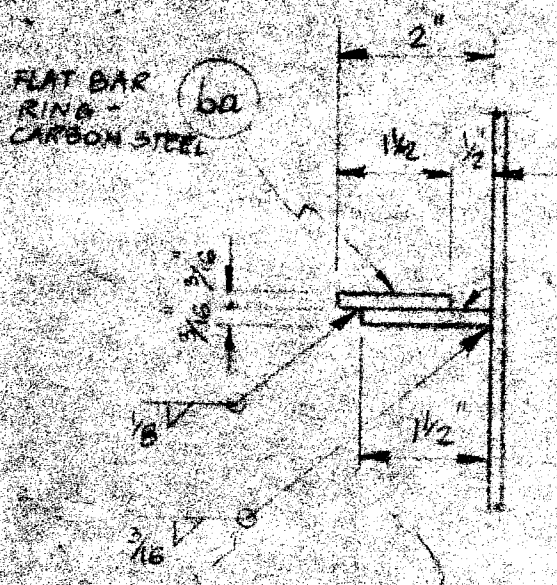




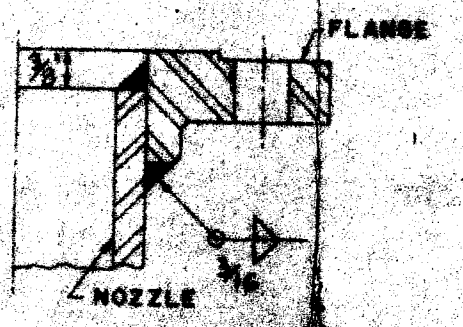
ELEVATION



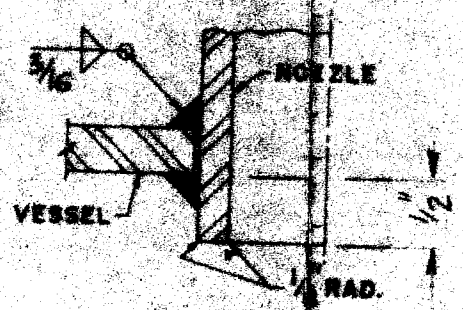
DETAIL "B"

INSULATION RING

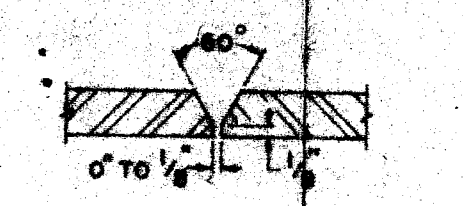
MARK	SERVICE	SIZE	TYPE & RATING
A	INLET W/1" DI PIPE	2"	150# RFSO FLC
B	NZ INLET	1 1/2"	150# RFSO FLC
C	EMERGENCY VENT	3"	150# RFSO FLC
D	MANHOLE	20"	API-650 SIDE T.
E	INLET W/1" DI PIPE	2"	150# RFSO FLC
F	VACUUM BREAKER	2"	150# RFSO FLC
G	CONSERVATION VENT	2"	150# RFSO FLC
H	OUTLET	2"	150# RFSO FLC
J	L.I.	3"	150# RFSO FLC
K	SPARE W/BLD-FLG	3"	150# RFSO FLC



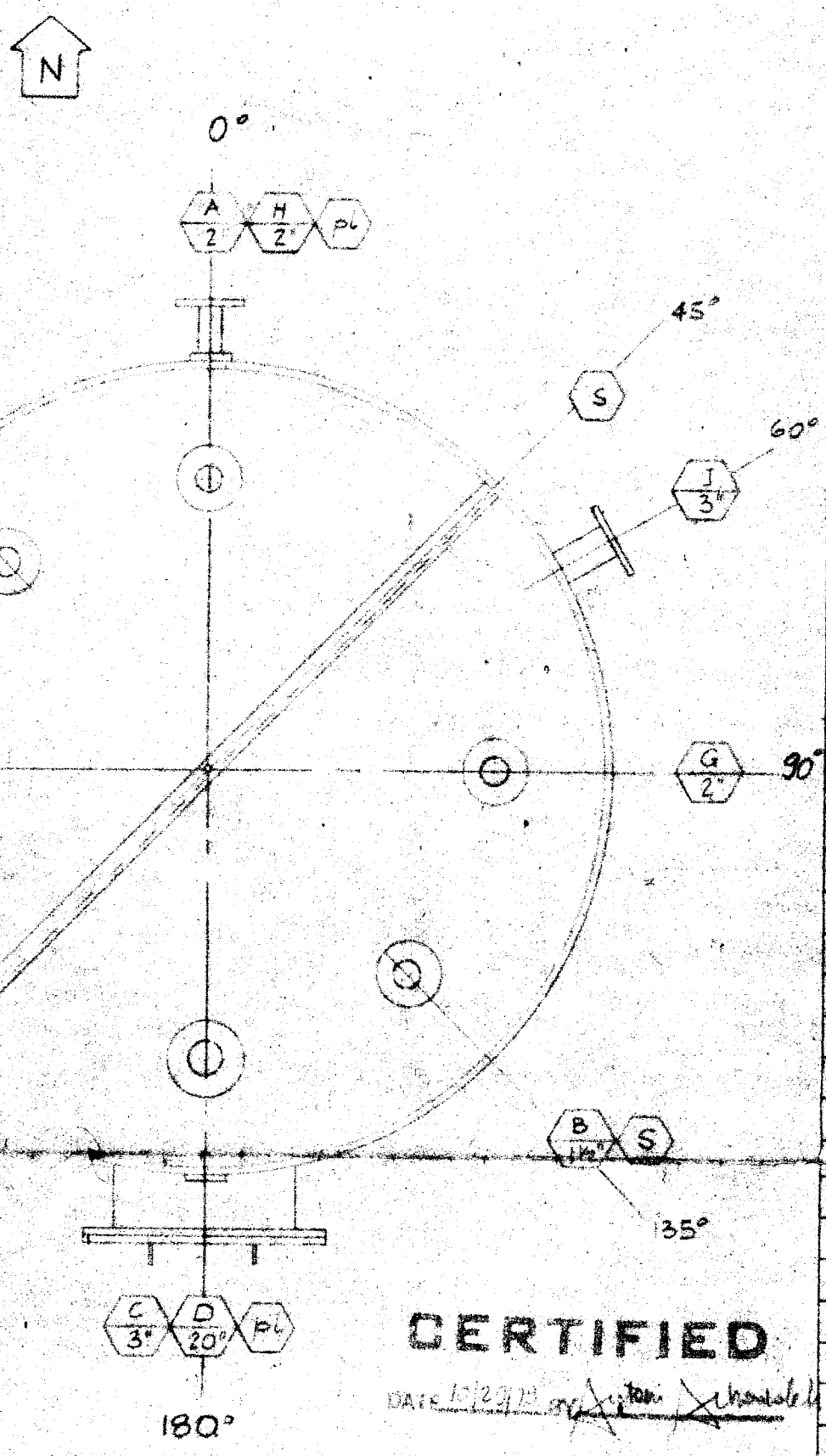
DETAIL "E"



DETAIL "P"



DETAIL "P" BUTT JOINT



ORIENTATION

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

BILL OF MATERIAL

SHIPPING MARK	PC MARK	NO. REQD	MATERIAL	REMARKS	SEE DET.
	pa	1	PL 1/4 X 65 7/16 X 200 1/8 (roll)		
	pb	1	PL 3/16 X 66 O.D.		
	pc	1	PL 1/4 X 66 O.D.		
	pd	18	PL 3/16 X 1 1/2 X 1 1/2		
	pe	4	PL 1/2 X 4 X 6 (carbon steel)		
	pf	8	PL 1/2 X 4 X 5 3/16 (carbon steel)		
	ph	4	PL 1/4 X 7 X 8		
	pl	2	PL 3/8 X 4 X 12 (carbon steel)		
	ba	2	F.B. 1-1/2 X 3/16 rolled Hw to 67 1/2" L.D. (carbon steel)		
	ca	1	CHANNEL 6 X 8.2 X 66" (carbon steel)		
	Ba	1	1 1/2" 150# RFSO FLC		
	Bb	1	1 1/2" SCH 160 X 6 3/8		
	Aa, Ea, Fa, Ga, Ha	5	2" 150# RFSO FLC		
	Ab, Eb, Fb, Gb, Hb	5	2" SCH 160 X 6 3/8		
	Ac, Ec	2	2" 150# RF BLD FLC		
	Ad, Ed	2	1" 150# RFSO FLC		
	Ae, Ee	2	1" SCH 160 X 7 5/16		
	Af, Ef	2	2" NOM DIA X 1/8" THK ASBESTOS GASKET		
	Ag, Eg	8	5/8" DIA X 2 3/4 LONG MACH. BOLT WITH ONE NUT EACH (CARBON STEEL)		
	Ga, Ja, Ka	3	3" 150# RFSO FLC		
	Gb, Jb, Kb	3	3" SCH 80 X 6 3/8"		
	Kc	1	3" 150# RF BLD FLC		
	Kd	1	8" NOM DIA X 1/8" THK ASBESTOS GASKET		
	Ke	4	3/8" DIA X 3" LONG MACH. BOLTS WITH ONE NUT EACH (CARBON STEEL)		
	D	1	20" API-650 SIDE TYPE MANHOLE (SEE STD-002-D)		

CERTIFIED
DATE 10/29/79

RELEASED FOR
CONSTRUCTION

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

VENDOR'S PRINT

S&B INC.

F JOB NO.

C-454-4003

REV.

4B

DATE 10/19/79

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. DATE 10/29/79

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

MIDLAND STEEL CORP.
COLUMBIA, S.C. 29201

1940 SHOP ROAD.

SCALE: 1" = 1'-0"

DATE 9-5-79

WORK FOR: FMC CORP. BALTIMORE, MD.

ITEM: RECOVERED TMOA TANK
ITEM # T-105

DRAWING NUMBER: 4206 4206-1