

NOZZLE	SIZE	QTY.	DESCRIPTION	SERVICE
A	2"	1	150# RF50 FLANGE	LEVEL ELEMENT
B	2"	1	150# RF50 FLANGE	LEVEL ELEMENT
C	3"	1	150# RF50 FLANGE IN HEAD W/ 2" DIP PIPE ASSEMBLY - SEE SHEET #4	ACETONE INLET
D	1"	1	150# RF50 FLANGE	GAGE GLASS
E	1"	1	150# RF50 FLANGE	GAGE GLASS
F	2"	1	150# RF50 FLANGE	VENT
G	2"	1	150# RF50 FLANGE	EMERGENCY VENT
H	3"	1	150# RF50 FLANGE IN HEAD W/ 1 1/2" DIP PIPE ASSEMBLY - SEE SHEET #4	VENT COND. RETURN
I	3/4"	1	150# RF50 FLANGE	INERT GAS INLET
J	1"	1	150# RF50 FLANGE	TEMPERATURE ELEMENT
K	1"	1	150# RF50 FLANGE	TEMPERATURE ELEMENT
L	2"	1	150# RF50 FLANGE	BOTTOM OUTLET
M	2"	1	150# RF50 FLANGE	PRESSURE ELEMENT
N	8"	1	150# RF50 FLANGE W/ BLIND COVER, GASKET & HARDWARE	HAND HOLE
O	-	-	-	-
P	-	-	-	-
Q	-	-	-	-
R	-	-	-	-
S	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

- NOTES:
1. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.
 2. ALL FLANGES BOLT HOLES TO STRADDLE MAJOR VESSEL CENTERLINES.
 - 3.
 4. COVER ALL NOZZLES WITH PROTECTORS FOR SHIPMENT.
 5. ALL SHELL, HEAD AND NOZZLE ATTACHMENT WELDS TO BE FULL PENETRATION.
 6. ASME MATERIAL AND CONSTRUCTION PER SECTION VIII, DIV 1, 1993 ADDENDA.
 7. ALL WELDERS AND WELDING PROCEDURES ARE CERTIFIED IN ACCORDANCE WITH ASME SECTION IX.
 8. VESSEL IS EXEMPT FROM IMPACT TESTING PER UHA-51(A).
 9. ALL EXTERNAL PIPING TO BE SUPPORTED INDEPENDENT OF VESSEL.
 - 10.

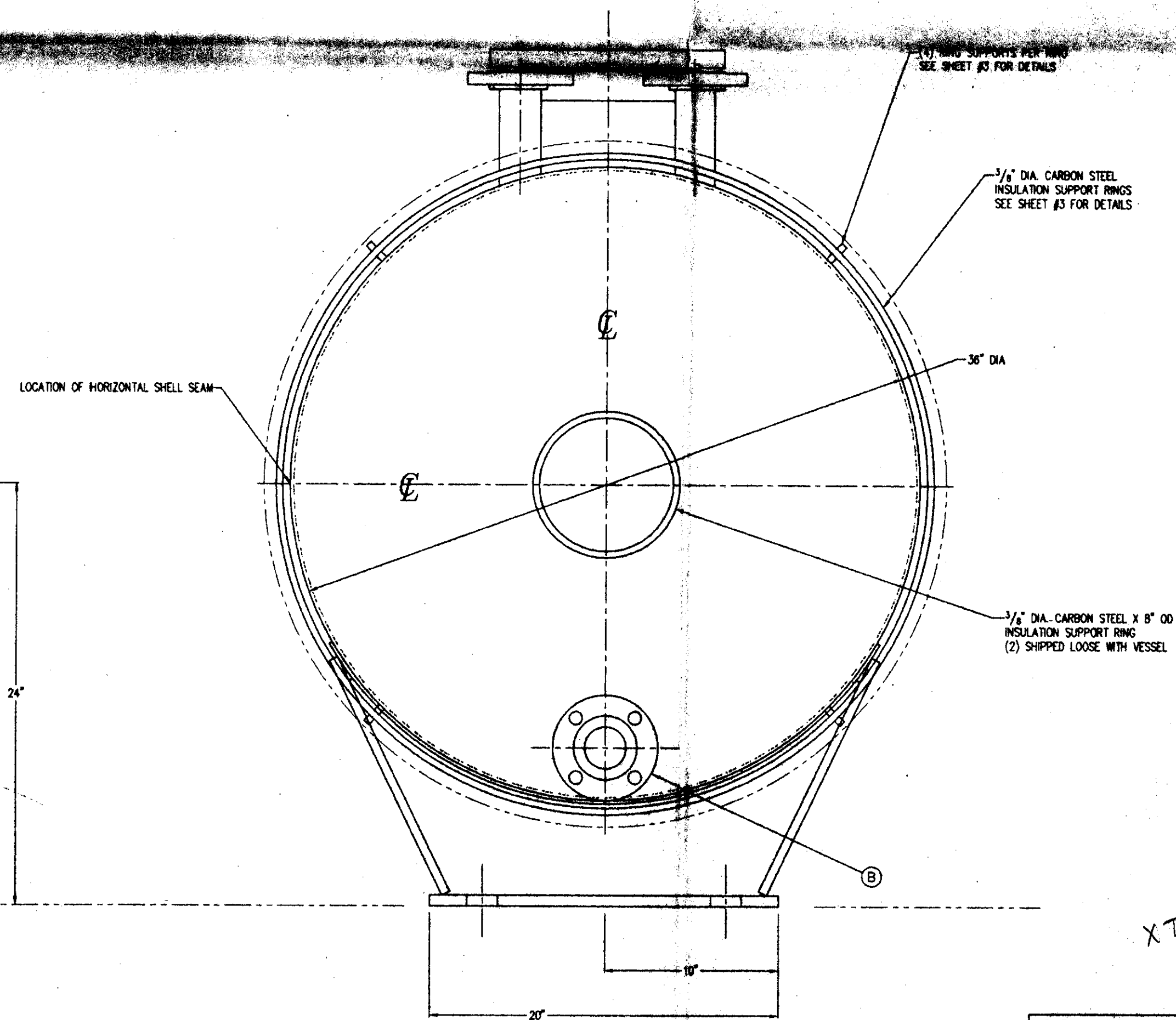
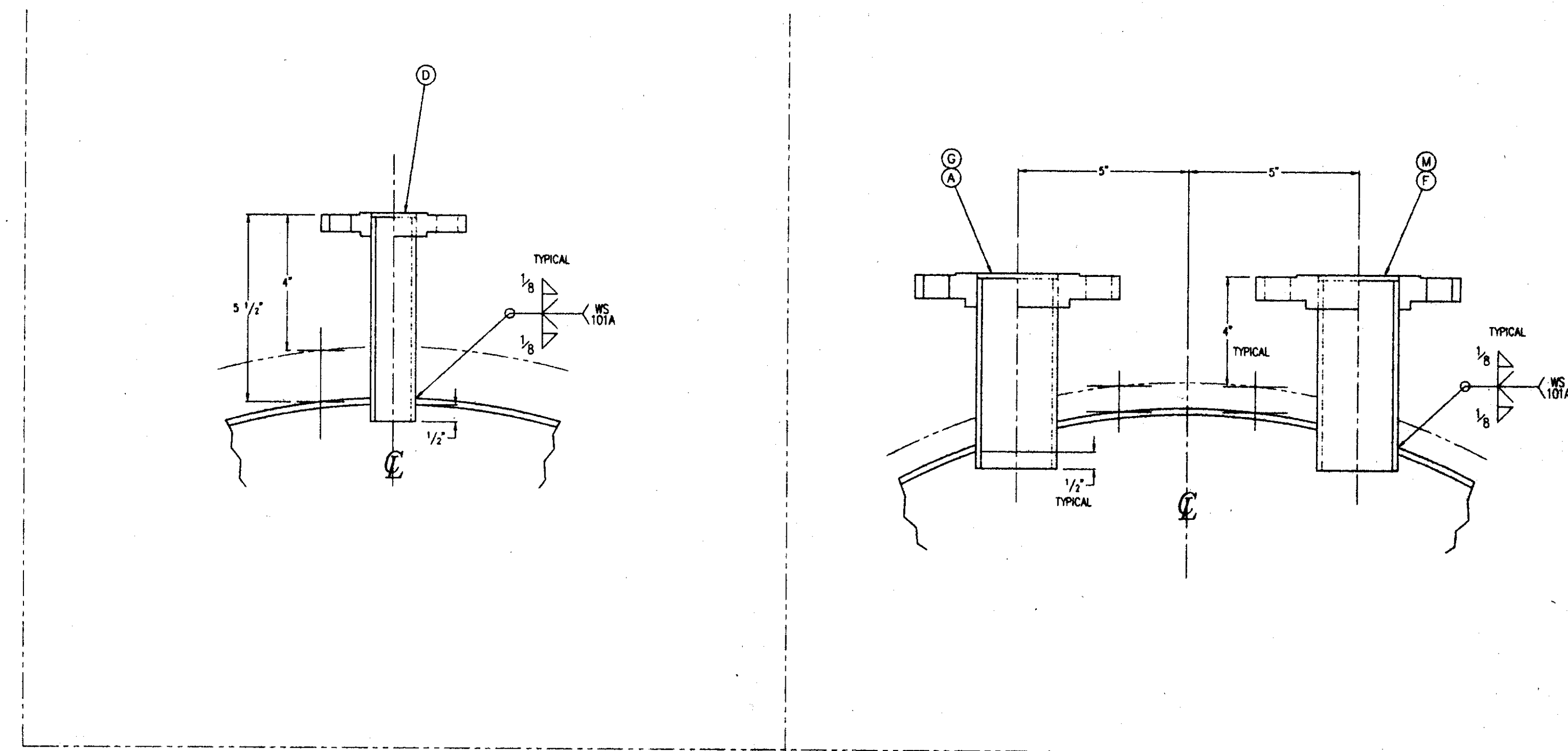
DESIGN DATA	
VESSEL NOMINAL CAPACITY: 200 GAL'S.	
SHELL DESIGN CONDITIONS: PRESSURE : - 25 PSIG / FV MAX. TEMP.: - 250 °F MIN. TEMP.: - -20 °F	SHELL OPERATING CONDITIONS: PRESSURE : - ATM MAX. TEMP.: - 145 °F MIN. TEMP.: - -20 °F
JACKET DESIGN CONDITIONS: PRESSURE : N/A MAX. TEMP.: - N/A MIN. TEMP.: - N/A	JACKET OPERATING CONDITIONS: PRESSURE : N/A MAX. TEMP.: - N/A MIN. TEMP.: - N/A
CODE DESIGN: ASME SECTION VIII, DIV. 1 SHELL CODE STAMP: YES JACKET CODE STAMP: N/A RADIOGRAPHY: JOINT EFFICIENCY: HEADS: NONE HEADS: .70 SHELL: NONE SHELL: .70	CORROSION ALLOWANCE: 0.0 SPECIFIC GRAVITY : 1.0 WIND LOAD : NONE VESSEL SUPPORT: TYPE : LEGS QTY: : 4
MATERIAL SPECIFICATION	
VESSEL HEADS : STAINLESS STEEL TYPE : ASME F & D THICKNESS : 3/4" (.187) SPEC : SA-240 GRADE : 304L	VESSEL SHELL : STAINLESS STEEL THICKNESS : 3/16" (.187) SPEC : SA-240 GRADE : 304L
FLANGES : STAINLESS STEEL CLASS : 150# SPEC : SA-182 GRADE : 304L	PIPE : STAINLESS STEEL CLASS : Sch. #10 SPEC : SA-182 GRADE : TP304L
- : - - : - - : -	- : - - : - - : -
BOLTING : CARBON STEEL SPEC : SA-193 GRADE : B7	NUTS : CARBON STEEL SPEC : SA-194 GRADE : 2H
LIFTING LUGS : STAINLESS STEEL SPEC : SA-240 GRADE : 304	GASKET SPEC: TEFLON
- : - - : - - : -	- : - - : - - : -
FINISH SPECIFICATION	WEIGHTS
INTERNAL SURFACES MATERIAL: MILL FINISH WELDS GROUND SMOOTH	CALCULATED EMPTY WT. : X LBS. OPERATING WT. FULL OF WATER : X LBS.
EXTERNAL SURFACES MATERIAL: MILL FINISH WELDS GROUND SMOOTH	
HYDRO TEST INFORMATION	
MAIN SHELL TEST PRESSURE : 41 PSIG HEAT-X JACKET TEST PRESSURE: N/A	

NATIONAL BOARD SERIAL NO. YES	
CERTIFIED BY FELDMER EQUIPMENT, INC. Syracuse, New York, USA	
U	VESSEL MAWP 25/FV PSI AT 250 °F
W	MIN. DESIGN METAL TEMP -20 °F AT 25/FV PSI
	JACKET MAWP XX PSI AT XX °F
	MIN. DESIGN METAL TEMP XX °F AT XX PSI
	YEAR BUILT 1995 SERIAL # -
MADE IN THE UNITED STATES OF AMERICA	

ASME NAMEPLATE STAMPING

FILE NAME: \DWGS\HOFB1		P.O. No. PERS05902	
FELDMER EQUIPMENT Syracuse, New York			
SCALE: NONE	ENGRG. Approved By AI	REV -	SHEET: 1 of 4
DATE 4-3-95			
QTY. (1) - 200 GAL. RECOVERY COLUMN REFLUX DRUM EQUIPMENT NO. 213-T421			
HOFFMANN - LA ROCHE, INC. BELVIDERE, NJ			DRAWING NO. 4525-C

99605



FILE NAME: \DWS\ HOFB2		P.O. No. PERSO5902	
FELDMETIER EQUIPMENT Syracuse, New York			
SCALE: NONE	ENGRG. Approved By	AJ	REV -
DATE 4-3-95			SHEET: 2 of 4
QTY (1) - 200 GAL. RECOVERY COLUMN REFLEX DRUM EQUIPMENT NO. 213-7421			
HOFFMANN - LA ROCHE, INC. BELVIDERE, IN		DRAWING NO. 4525-C	

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