

SPECIFICATIONS

MATERIAL IN VESSEL				WT. 7.3 LB./GAL.	
CAPACITY OPERATING 650 GALS.		DESIGN 1600 GALS.		TOTAL 1625 GALS.	
AGITATION NONE					
USE EVAPORATOR				HORIZONTAL OR VERTICAL VERTICAL	
HEATED NO		COOLED NO		JACKET NO	
COIL NO		OTHER NONE			
PRESSURE & TEMPERATURE:			SHELL:		
DESIGN 14 PSIG AT 365 °F			JACKET OR COIL: PSIG AT °F		
OPERATING 5 PSIG AT 210 °F			PSIG AT °F		
TEST-HYDROSTATIC 25 PSIG HOLD 2 HOURS			PSIG HOLD 2 HOURS		
CORROSION ALLOWANCE NONE					
CONSTRUCTION: CODE 5CS-3T1				STAMPING NO	
INSPECTION: HERCULES		YES		NATIONAL BOARD NO	
OTHER VENDOR		FILM INSPECTION: 100% VISUAL		NO	
X-RAY INSPECTION: NO		NATIONAL BOARD NO			
THERMAL TREATMENT NO					
PASSIVATION: INSIDE NO			OUTSIDE NO		
CLEANING 5CS-3T1		PAINTING CARB. STE. PARTS QUE SHOP COAT OF PRIMER PAINT			
WEIGHTS: EMPTY		LBS. FILLED WITH WATER		16,000 LBS.	
EXTERNAL LOADING 500 (INSUL)		LBS.			
FILLED WITH CONTENTS 14,500 LBS.		TOTAL MAXIMUM LOAD 16,500		LBS.	

MATERIAL 304% SS 1/2" THICKNESS 1/2"	
SEAMS: WELDED ELECTRIC	JOINT TYPE DOUBLE BUTT EFFICIENCY —
60" O.D. X 10'-0" STRAIGHT SHELL	

TOP OR LEFT END	BOTTOM OR RIGHT END
MATERIAL <i>5.5 ASME SA 290 TYPE 304</i>	<i>5.5 ASME SA 290 TYPE 304</i>
TYPE <i>STD. FLGD & DISHD</i>	<i>STD FLGD & DISHD</i>
BOLTED OR WELDED <i>ELECTRIC</i>	<i>ELECTRIC</i>
THICKNESS <i>1/4"</i>	<i>1/4"</i>

MATERIAL <i>S.S. ASME - SA 312 - GR. TP 304</i>		THICKNESS <i>AS NOTED</i>
TYPE <i>2 J. STUB ENDS OF PIPE</i>	WITH <i>150 LB.</i>	<i>F.S. LAP JOINT</i> <i>(UNLESS NOTED)</i>
MANHOLE <i>YES (20")</i>		AMER. STD. FLGS.
GASKET SURFACES - <i>COMM. PHONOGRAPHIC SERRATED FINISH</i>		

FOR TEST 1/16" J.M. "60

FOR COMPLETED CONNS. SUPPLY NEW FLEXITALLIC STYLE CG

MATERIAL	NONE	THICKNESS
TYPE HEAD		THICKNESS

MATERIAL	NONE	PIPE DIAMETER	THICKNESS
TYPE		LIN. FT.	SQ. FT. SURFACE

LUGS 4 LEGS NO SKIRT NO SADDLES NO OTHER C/S

INTERIOR	EXTERIOR
BOLTS OR BOLT STUDS	5CS-3T1
MATERIAL	
NUTS: TYPE AND MATERIAL	

INSULATION	UNIBESTOS	(BY HERCULES)
NO. UNITS REQ'D	THREE (3)	A-414, A-2414 & T-207-2 (FOR T-207-2 - SEE NOTE "2")

NOZZLE DATA						
SIZE	USE	DWG. No.	NOZZLE	SIZE	USE	DWG. No.
20"	VAPOR INLET	SIMILAR TO 1417 W/S	J	6"	SPARE	1417 W/S
12"	" OUTLET	1417 W/S	K	4"	SIGHT GLASS	DETAIL "Y"
10"	LIQ. OUTLET	DET. X	L	6"	ACCESS	DETAIL "Y"
2"	LEVEL	DET. Y	M	6"	BLIND FLANGE	
20"	M.H. COVER	SES - 4 MIT				
6"	SIGHT GLASS	DET. "Y"				
1"	THERMOWELL	DET. "Y"				
6"	REL. VALVE NOZ	1417 W/S				

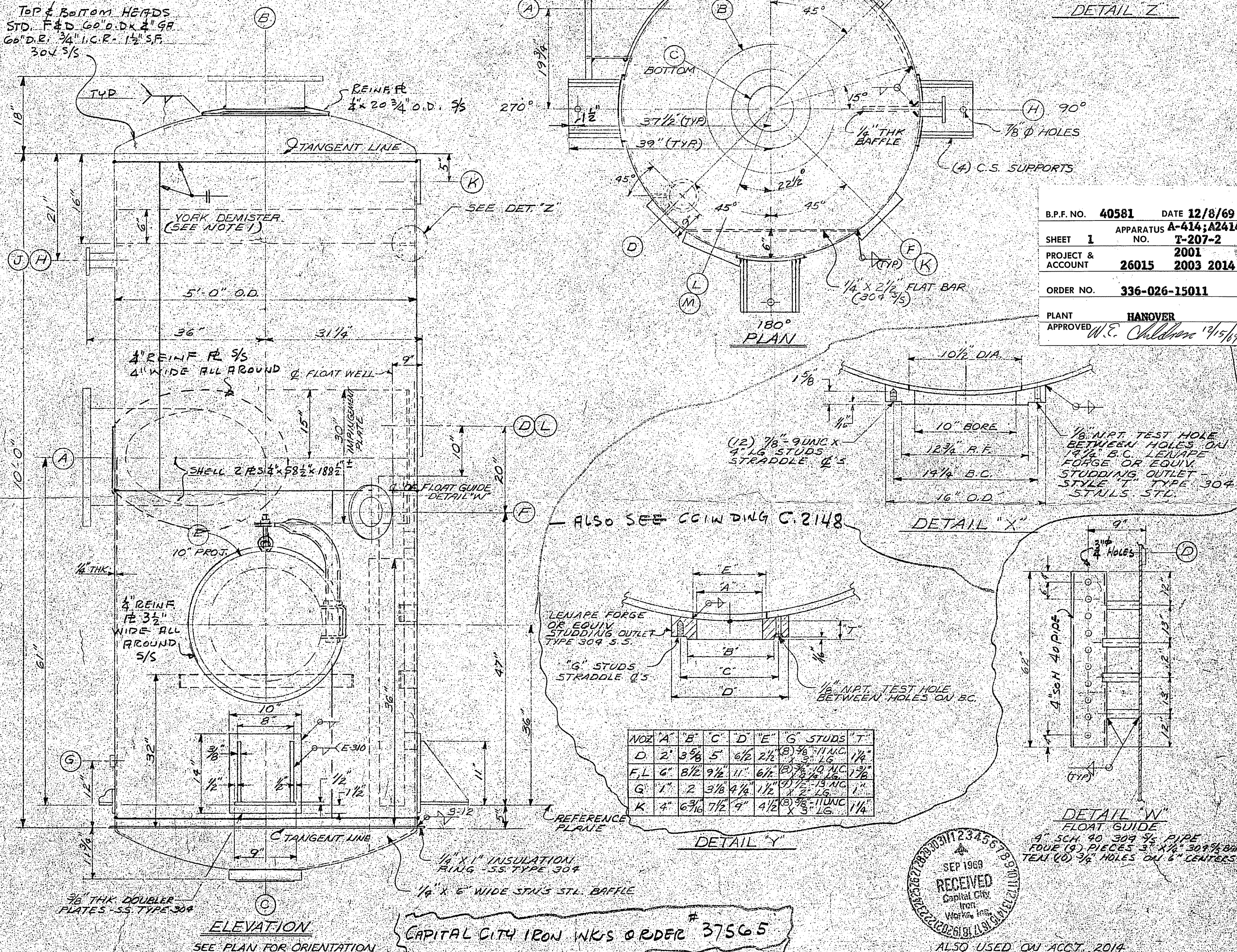
[illegible]

NOTES:

1. YORK DEMISTER (6" THICK) STYLE "699 WITH TOP AND BOTTOM GRIDS MATERIAL TO BE 309 5/8 DEMISTER TO BE SECTIONED SO AS TO BE REMOVABLE THRU 20" MANHOLE

2. ON VESSEL TAGGED T-207-2, DELETE DEMISTER AND DEMISTER SUPPORT RING.

TOP & BOTTOM HEADS
STD. F&D 60" O. D. X 2" GA
60" D. R. 3/4" I. C. R. - 1 1/2" S.F.
304 S/S



B.P.F. NO.	40581	DATE	12/8/69
SHEET	1	APPARATUS NO.	A-414; A241 T-207-2
PROJECT & ACCOUNT	26015		2001 2003 2014
ORDER NO.	336-026-15011		

PLANT **HANOVER**
APPROVED *W.E. Childress* 12/15/89

NOZ	"A"	"B"	"C"	"D"	"E"	"G" STUDS	"T"
D	2'	3 5/8'	5'	6 1/2'	2 1/2'	(8) 3/8" - 11 IN. C. X 3/8" - 2 1/2' G.	1 1/2'
F, L	6'	8 1/2'	9 1/2'	11'	6 1/2'	(8) 3/8" - 10 IN. C. X 3/8" - 2 1/2' G.	1 1/2'
G	1"	2	3 3/8'	4 1/2'	1 1/2'	(9) 1/2" - 13 IN. C. X 1/2" - 1 1/2' G.	1"
K	4"	6 3/16'	7 1/2'	9"	4 1/2'	(8) 3/8" - 11 IN. C. X 3/8" - 1 1/2' G.	1 1/4'

DETAIL "W"
FLOAT GUIDE
4" SCH 40 309 5/8 PIPE
FOUR (4) PIECES 3" X 1/4" 309 5/8 BR
TEN (10) 3/16" HOLES ON 6" CENTERS

ALSO USED ON ACCT 2014

MICRO FILM NUMBER		JOB NUMBER	
SCALE	NO SCALE	DATE	
DRAWN	T.W. GEDDIE	6/25/69	
CHECKED	J.W. Lee	6/25/69	
APPROVED	W.C. Chaffin Jr.	6/25/69	
APPROVED	E.M. Dancy	6/26/69	
APPROVED			
APPROVED			
APPROVED			
APPROVED			
APPROVED			

THIS PRINT, AND THE INFORMATION AND KNOWHOW THEREON, IS PROPRIETARY TO HERCULES, AND MAY NOT BE USED OR REPRODUCED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN PERMISSION OF THIS COMPANY. PERMITTED REPRODUCTIONS IN WHOLE OR IN PART, INCLUDING BORROWER'S SHOP DRAWINGS, SHALL BEAR OR REFER TO THIS NOTICE. RETURN OF THIS PRINT MUST BE MADE TO HERCULES UPON REQUEST.

3 SHELL & HDS REINFORCED AROUND NOZZLE
** USE 1/4" WALL THICKNESS
3 WITH DAVIT - SES-9DIG

CAPITAL CITY IRON WKS ORDER # 37565

ELEVATION
SEE PLAN FOR ORIENTATION

— SEE G.C. 1W DWG. C.2148

Page 12

ORD #37565

1 DEAKING D-2387