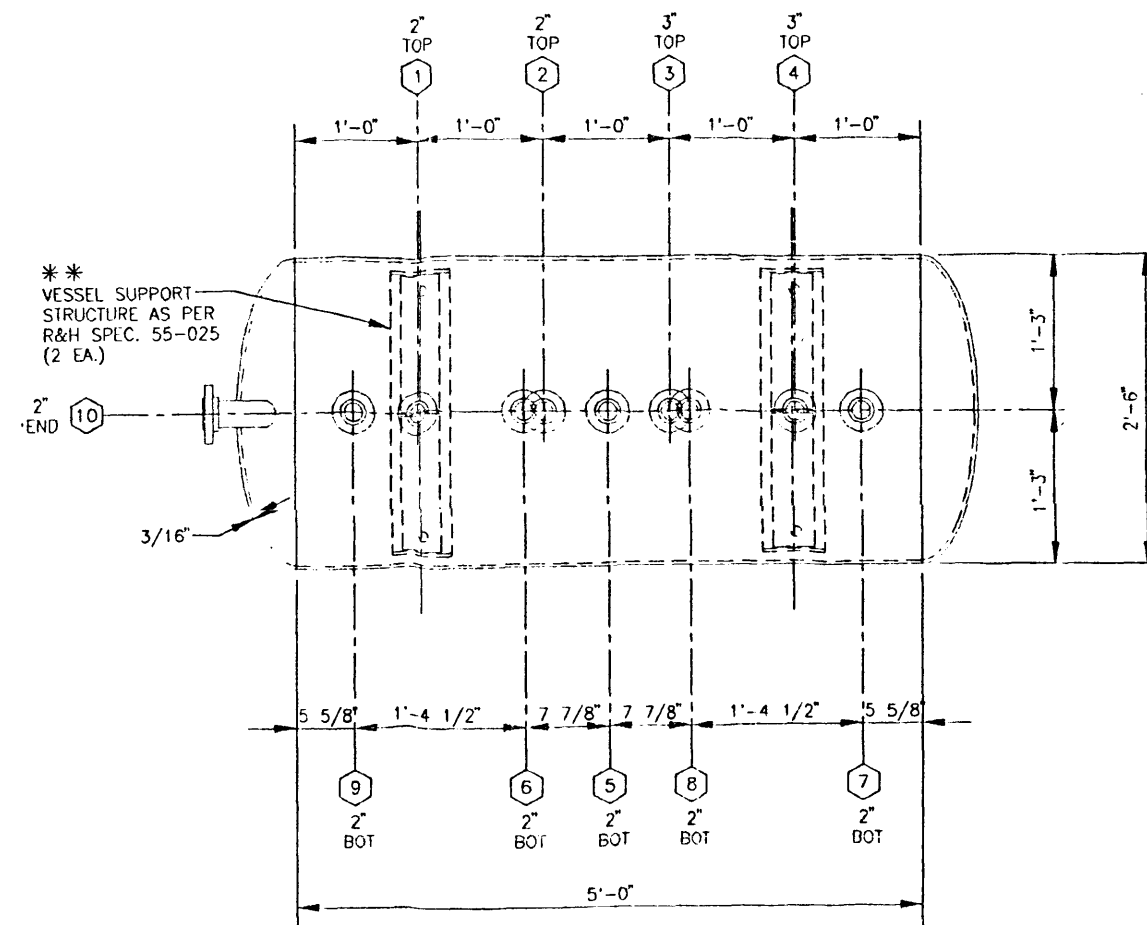
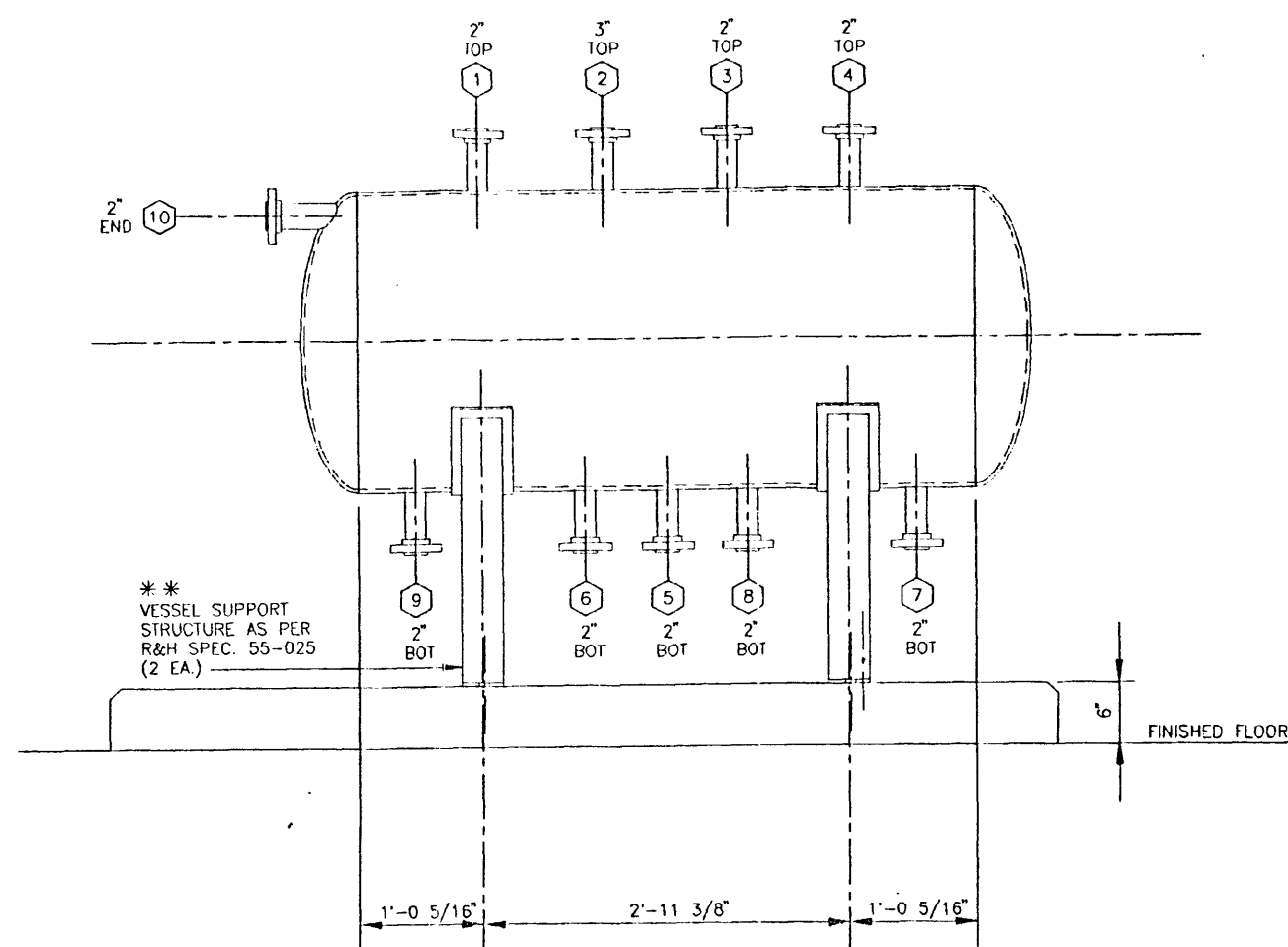
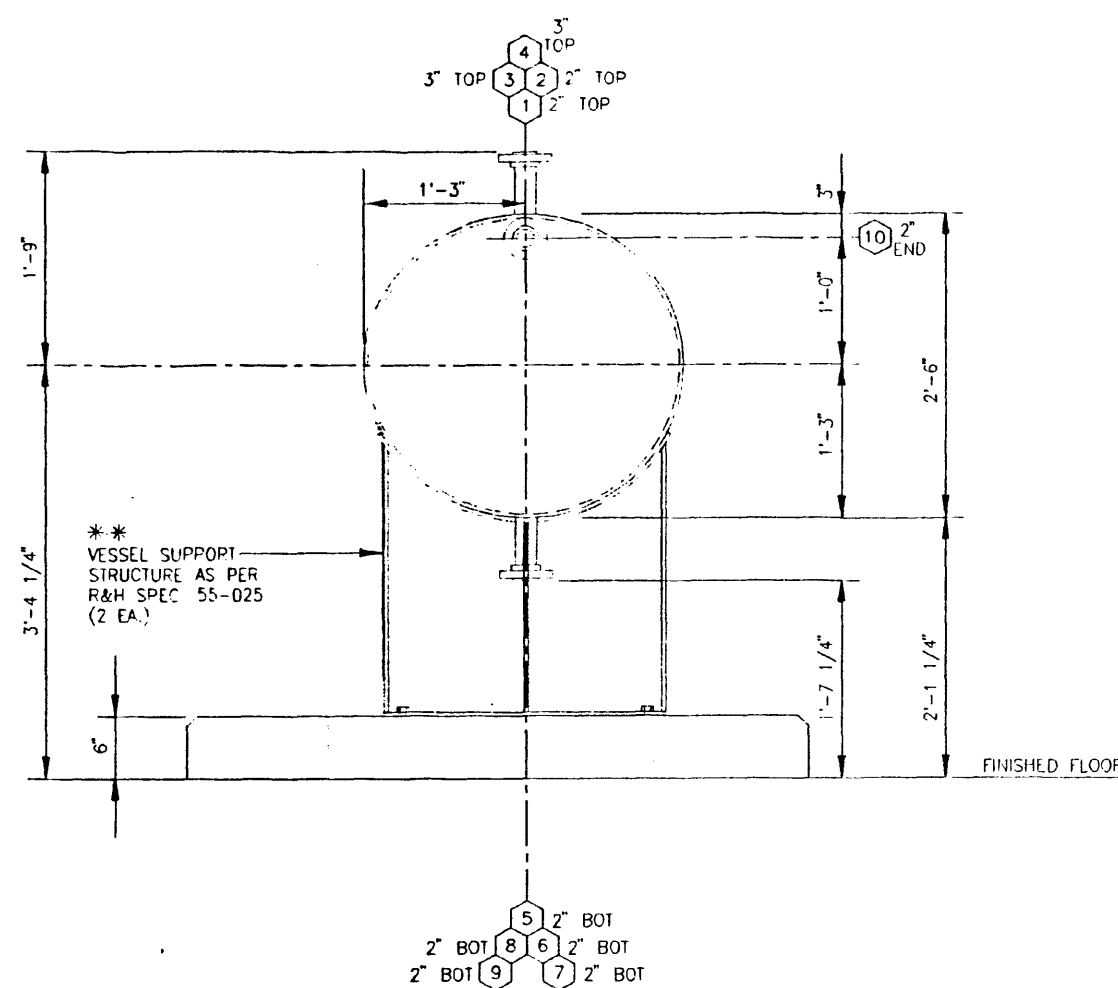




PLAN



WEST SIDE ELEVATION



NORTH END ELEVATION

GENERAL NOTES

- ALL BOLTING HOLES TO STRADDLE VESSEL CENTERLINES UNLESS OTHERWISE NOTED.
- WEIGHT OF VESSEL (EMPTY) LBS.
- WEIGHT FULL OF WATER LBS.
- IN THE EVENT OF CONFLICT BETWEEN CUSTOMER'S SPECIFICATIONS AND THIS DRAWING, THE DRAWING SHALL GOVERN.
- NAME PLATE DRAWING A- R&H SPEC. 55-003 W/ STD. NAME PLATE BRACKET - 2" STAND OFF - 1/8" SHL. BRKT.
- TELL TALE HOLE - 1/4" NPT. REQUIRED IN LOW POINT OF PAD.
- PAINT NORTH ARROW, ITEM NO. & P.O. NO. ON TOP OF VESSEL.
- METAL TAG UNIT WITH THE FOLLOWING: ITEM NO. 410-04-20531.
- CUSTOMER SPECS.: 55-001, 55-003, 55-025, 55-514, 55-521, 55-538, 55-541, 55-547, 57-904, 42-432, & 10-001.
- ALL WELDING SHALL BE CONTINUOUS SO THAT THERE ARE NO VOIDS OR CREVICES. NO INTERMITTENT WELDS SHALL BE ALLOWED. ALL WELDS SHALL BE GRIND TO REMOVE ALL SHARP EDGES, LAPS, UNDERCUTS & OTHER SURFACE IRREGULARITIES & PROJECTIONS. ALL WELD SPATTER SHALL BE REMOVED. CHIPPING MAY BE UTILIZED IF FOLLOWED BY GRINDING FOR FINISH. RELATIVELY SMOOTH, RIFLE FINISHED WELDS ARE ACCEPTABLE. IT SHALL NOT BE NECESSARY TO GRIND WELDS DEAD SMOOTH OR FLUSH TO THE PARENT METAL. NO PINHOLES, PITS, BLIND HOLES, OR SIMILAR DEPRESSIONS SHALL EXIST IN THE FINISH SURFACE OF THE WELD.
- ALL SHARP EDGES, FLEETS, AND SIMILAR ABRUPT CONTOURS SHALL BE ROUNDED OFF BY GRINDING OR MACHINING TO A 1/4" RADIUS.
- ALL SURFACES MUST BE FREE OF WELD SLAG, SPATTER, GREASE & LOOSE DIRT PRIOR TO SHIPMENT.
- ALL GASKET SURFACES & THREADED PARTS TO BE CLEANED PROTECTED WITH WOOD, METAL OR OTHER MATERIAL FOR SHIPMENT. ALL THREADED OPENINGS TO BE CLOSED W/ FORGED STL. PIPE PLUGS UNLESS NOTED.

GENERAL DATA

- SERVICE: VACUUM STILL DISTILLATE TANK (410-04-20531)
- DIAMETER: 2'-6" O.D.
- LENGTH: 5'-0" (SEAM TO SEAM)
- CAPACITY: APPROX. 200 GALLONS
- CODE: ASME SECT. VIII DIV. 1 NAT'L BOARD: NONE
- RADIOGRAPHY: (4) SPOTS
- CODE STAMP: NO. JOINT EFF. HEADS-100%; JOINT EFF. SHELL-85%;
- NOZZLE TYPE: FLG. A.M.S.I. FLG. RATE-1500(R.F.) LAP JOINT.
- CORROSION ALLOWANCE: 1/16" SHELL
- AGITATOR: N/A
- MATERIAL
- HEAD: SA-240-304L
- SHELL: SA-240-304L
- NOZZLE NECK: SA-312-304L; SA-240-304L
- NOZZLE FLANGES: SA-105
- NOZZLE BUNDS: SA-105 LINED W/ SA240-304L
- REINFORCING PAD: SA-240-304L
- SUPPORT PLATE: SA-285-C
- SUPPORT PAD: SA-240-304L
- EXTERNAL BOLTING: SA-193-B8 CL. & SA-307
- EXTERNAL NUT: SA-194-2H
- GASKETS: COLLINS #1720, 1/8" THICK
- PAD BOLTING: N/A
- INTERNAL PIPE: N/A
- INTERNAL FINISH: WELDS GRIND SMOOTH AND NOT NECESSARILY FLUSH
- EXTERNAL FINISH: WELDS AS FABRICATED
- CLEAN ALLOY MATERIAL W/ ARCAL STEEL BRIT.
- PAINT C. STEEL SURFACES W/ 1(CONE) COAT ZINC PRIME 500, 3 MILS THK.
- NOZZLE ORIENTATION: LATER

DESIGN CONDITIONS

- OPERATING PRESS.: 15 P.S.I.
- DESIGN PRESS.: 15 P.S.I.
- TEST PRESS.: HYDROSTATIC TEST - SHELL - 28 P.S.I.G.
- OPERATING TEMP.: 401 °F
- DESIGN TEMP.: 401 °F

ESTIMATED WEIGHTS

- EMPTY: 1500 LBS.
- FLOODED: (S.G. = 1.0) 2000 LBS.

REFERENCE STANDARDS

19 FABRICATION	55-001
20 GENERAL CONDITIONS	10-001
21 NAMEPLATE	55-003
22 TOLERANCES	55-025
23 NOZZLES	55-538 & 55-540
24 VESSEL SUPPORT	55-025
25 STUDDING OUTLET - NOT ALLOWED	55-
26 ALLOY NOZZLE BLANK	55-
27 INSULATION	40-
28 INSULATION SUPPORT	55-020
29 COILS AND COIL SUPPORT	55-
30 PAINTING (EXT. C.S. ONLY) - 57-	57-
31 DIP PIPE	55-
32 MANWAY	TYPE " " 55-
33 MANWAY DAMP	TYPE " " 55-
34 SIGHT GLASS	55-
35 LADDER AND HANDRAIL	15-
36 MATERIAL SPECIFICATION	

- NOZZLE MARK NUMBER (REFER TO NOZZLE SCHEDULE, THIS SHEET)
- * BY VESSEL MANUFACTURER

C	NOZZLE REVISIONS PER 015100/525Z	JLD	4/00
B	NOZZLE REVISIONS	J.W.H.	5/20/92
A	CAD GENERATED	SALENO	5/20/92
NO.	REVISION	BY	DATE
		CHK'D	APP'D



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BDP PROJECT			
2'-6" O.D. x 5'-0" S.S.			
VACUUM STILL DISTILLATE TANK			
410-04-20531			
BAYPORT, TEXAS			
DRAWN BY	DATE	CHECKED	DATE
J.W.H.	6/11/92	SALENO	6/7/92
CAD NO.	CAD OPERATOR	SCALE	DATE
DMMAK528	HILDENBURG	AS NOTED	
DRAWING NUMBER			
PROJECT NUMBER	LOCATION		
AR 80-701	015-22		
410	04	20531	001 C

ORIGINAL

MARK	ITEM NO.	SIZE	PIPE SCH.	LOCATION/SERVICE
10	1	2"	SCH. 80	END/INLET
9	1	2"	SCH. 80	BOTTOM/ DRAIN
8	1	2"	SCH. 80	BOTTOM/OUTLET
7	1	2"	SCH. 80	BOTTOM/THERMOMETER
6	1	2"	SCH. 80	BOTTOM/ SPARE
5	1	2"	SCH. 80	BOTTOM/LEVEL SW. LOW
4	1	2"	SCH. 80	TOP/LEVEL SENSOR HIGH
3	1	2"	SCH. 80	TOP/LEVEL ALARM HIGH
2	1	3"	SCH. 80	TOP/RELIEF VALVE
1	1	2"	SCH. 80	TOP/VACUUM PRESSURE RELIEF VALVE
NOZZLE SCHEDULE				

88419