1/4" DOUBLE WELDED BUTT JOINT

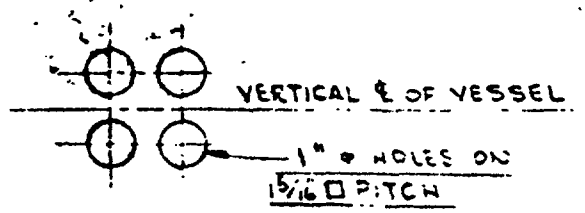
MISC. DETAILS FOR REACTORS DC-301 & DC-323

06399-03211D MISC. DETAILS FOR REACTORS

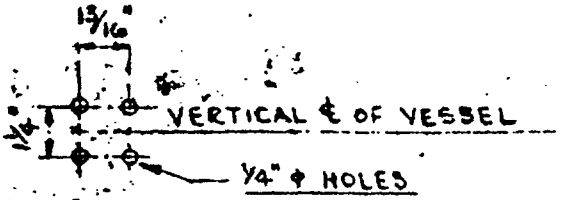
PLAINTIFF'S EXHIBIT

MON-541

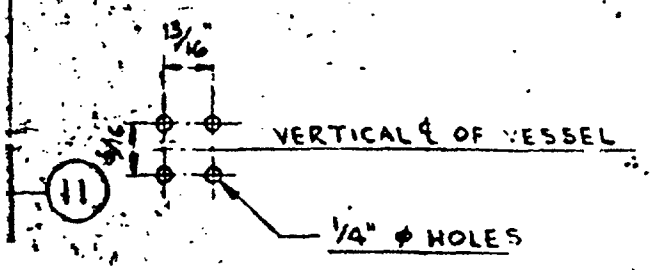
2 | 1



DETAIL-"D"



DETAIL-"E"



DETAIL-"D1"

GENERAL NOTES

1. FOR NOTES SEE SPECIFICATIONS D-102
2. ALL WELDS CONTINUOUS EXCEPT AS NOTED.
3. FOR VERTICAL VESSELS MAIN ELEVATION IS DIAGRAMMATIC ONLY FOR ORIENTATION OF NOZZLES & DECKS SEE PLANS
4. DIMENSIONS TO BOLTED DECKS ARE TO TOP OF DECK SUPPORT
5. DIMENSIONS TO WELDED-IN DECKS ARE TO UNDERSIDE OF DECK
6. MAX ALLOWABLE WORKING PRESSURE & DESIGN TEMPERATURE TO APPEAR ON VESSEL STAMP
7. PIPE FITTINGS TO BE SAME SIZE & SCHEDULE AS ATTACHED PIPE
8. ALL EXTENDED DIMENSIONS ARE TAKEN TO BASE LINE OF VESSEL
9. THE VESSEL FABRICATOR SHALL SUPPLY REINFORCING PADS AND ATTACHMENT WELDING IN ACCORDANCE WITH THE REQUIREMENTS OF THE CODE AND GENERAL SPECIFICATIONS EXCEPT CONNECTION NO. ____ SHALL HAVE REINFORCING PAD OF ____' WIDE X ____ THICK; NO. ____ OF ____' WIDE X ____' THICK
10. RING TYPE JOINT TO HAVE ____ ____ BOTTOM GROOVE.
11. DECK MATERIAL ____
12. DETAIL REFERENCES PREFIXED "MD" ARE ON DRAWING A2777.
    6, 21, 22
13. ALL CASTABLE RETAINERS TO BE 1/8" THK. S.S.
14. ~~ALL INTERNAL O.D. WELDS TO BE GROUND SMOOTH.~~
15. STRENGTH MEMBERS TO BE SOLUTION ANNEALED IN ACCORDANCE WITH A.S.M.E. CODE REQUIREMENTS FOR HIGH TEMPERATURE APPLICATION. (SEE TABLE UHA-28, NOTES #10 & 14)
16. FLANGES TO HAVE 80 TO 125 RMS SURFACE FINISH ON GASKET CONTACT SURFACE.
17. STUDS SHALL BE S.S. TYPE 304 NELSON, OR EQUAL, TYPE SBF (NELSON DESIGNATION 1/2 x 2 1/8 x 7/8 x 3/8 SBF) ON APPROX 12" SQUARE PATTERN. STUDS SHALL BE FURNISHED AND APPLIED BY THE VESSEL CONTRACTOR. (2) 7/16" I.D. S.S. FLAT WASHERS & (1) S.S. HEX. NUT ARE REQUIRED WITH EACH STUD HEIGHT OF COVERAGE 7'-0" ABOVE BASE MARK X (EXCEPT WHERE OTHERWISE NOTED) STUDS NORMAL TO VESSEL SURFACE. NO STUD CLOSER THAN 3" TO ANY NOZZLE OR M.H. NECK.

DESIGN DATA