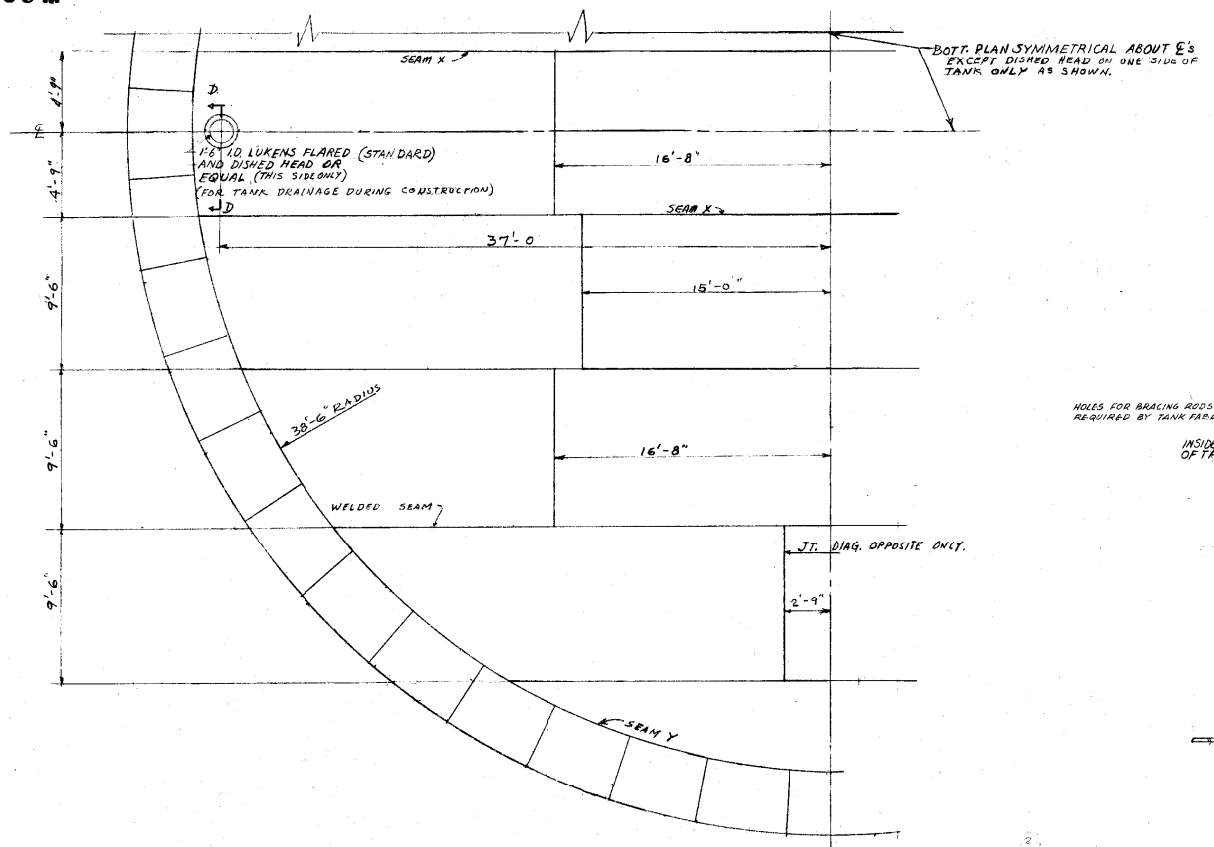
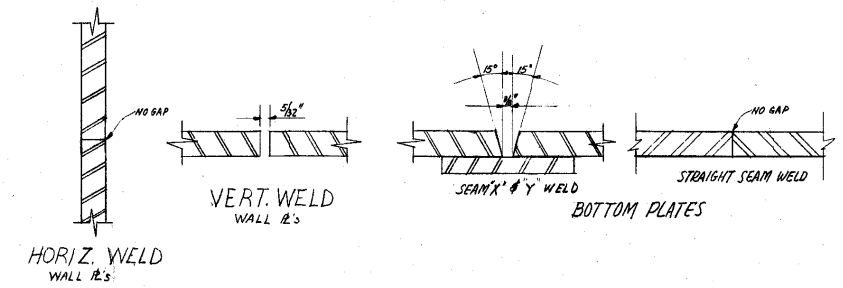
W230907

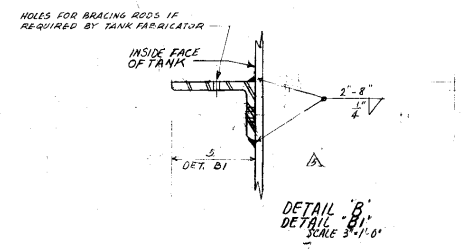
ANALYZE & MARK THIS PRINT FOR ALL SAFETY CONSIDERATIONS IN DESIGN OR CONSTRUCTION



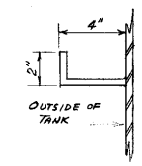

BOTTOM PLAN
SCALE: 1/4"=1'-0"



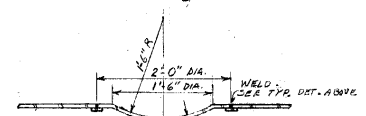

TYPICAL WELDS
FULL SCALE



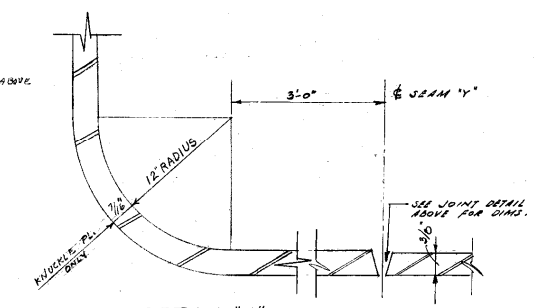

DETAIL "B"
DETAIL "B1"
SCALE 3"=1'-0"



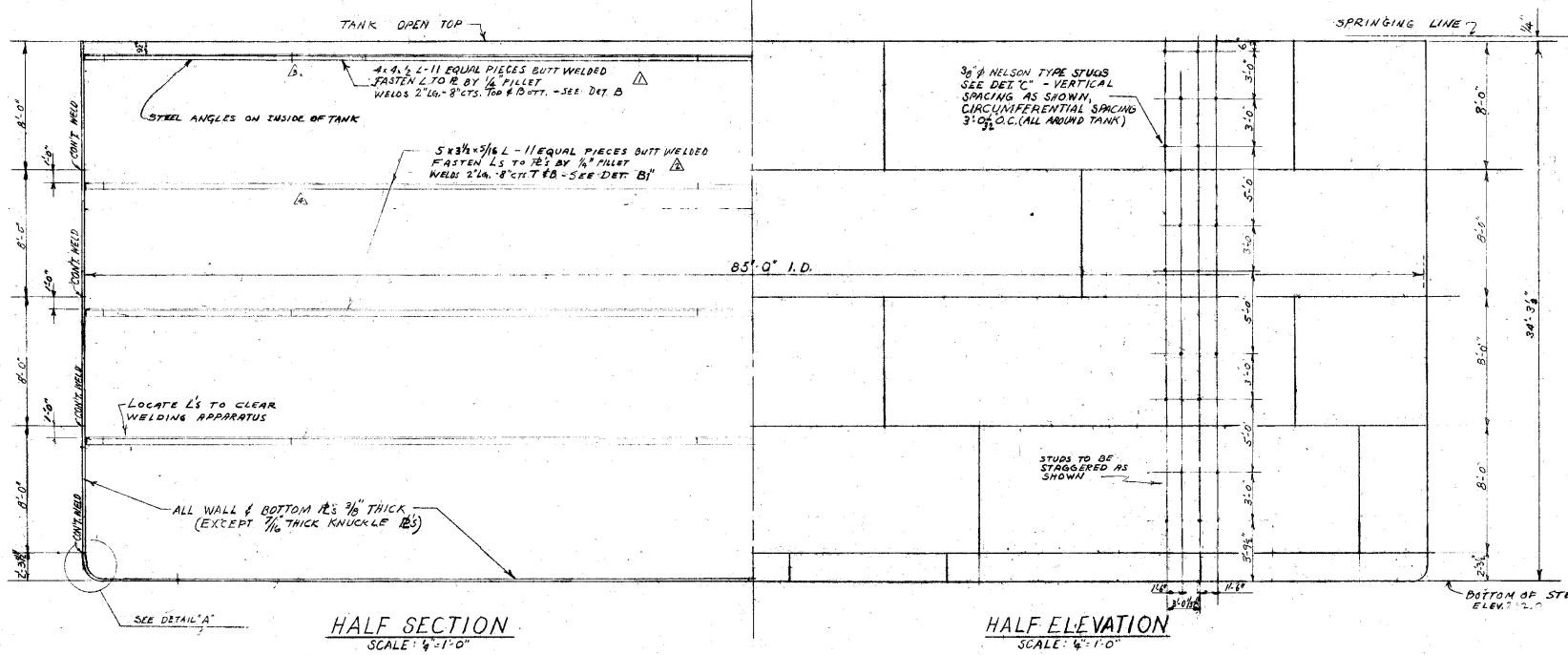

DETAIL "C"
SCALE: 3"=1'-0"




SECTION D-D
SCALE: 1"=1'-0"




DETAIL "A"
NO SCALE




HALF SECTION
SCALE: 1/4"=1'-0"

HALF ELEVATION
SCALE: 1/4"=1'-0"

4 TANKS REQ'D.

## GENERAL NOTES:

1. SEE DU PONT SPECIFICATION 3583 PART 40 FOR STEEL TANK SPECS. AND MATERIAL DESIGNATION.
2. FABRICATION ERECTION, WELDING AND TESTING SHALL CONFORM TO DU PONT SPECIFICATION No. 3583 - PART 40
3. MAX. ALLOWABLE STRESS IN TENSION 17,000 p.s.i.
4. WELDING - DOUBLE WELDED BUTT JOINTS OR SINGLE WELDED BUTT JOINTS WITH BACK-UP STRIPS
5. RADIOGRAPH INSPECTION - COMPLETE COVERAGE OF WELDS BY RADIOGRAPHIC INSPECTION TO BE MADE IN ACCORDANCE WITH PROCEDURES AND STANDARDS OF THE A.S.M.E. BOILER AND PRESSURE VESSEL CODE 1956 EDITION
6. STRUCT. STEEL SHAPES A.S.T.M. DESIGNATION A7-58T
7. INTERPRETATION OF X-RAY FILMS IN ACCORDANCE WITH SPEC. 3583-PART 40 "RULES FOR INTERPRETING X-RAY FILMS OF TANK WELDS"
8. STEEL TANK DESIGNED FOR A LEAK TEST OF 20 FT. MAXIMUM HEIGHT OF WATER. VACUUM TEST ABOVE THIS HEIGHT.
9. CONNECTION OF STUDS TO TANK SHALL DEVELOP FULL STRENGTH OF STUD
10. FOR KEY PLAN & NOZZLES SEE W231243
11. PAINT - NONE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INVENTORIED BY NJS
DATE 1/20/64

W 230907

SAVANNAH RIVER PLANT
BLDG. 241-H
ADDITIONAL WASTE STORAGE TANKS
85'-0" DIA. STEEL TANK - PLAN & DETAILS
STEEL

2-8-60

| PROJ. NO. | REVISIONS | REVISED BY DATE | CHECKED BY DATE | APPROVED BY DATE |
|---|---|---|---|---|
| 981039 | (11) METHOD OF FASTENING L TO PLATE CHANGED TO WELDED. DETAILS "G" AND "H" REMOVED. | DRAWN 12/2/58 | CHECKED 12/2/58 | APPROVED 12/2/58 |

REFERENCE STANDARDS

REFERENCE DRAWINGS

| | | |
|---|---|---|
| W2251 | TANK PLATE | |
| W2251A | LIGHTENING HOLES | |
| W251244 | MISC. DETS. | |
| W2251 | PART 40 | |
| W231242 | BUTTON | |
| BPE210725 | GRAVER DET. | |

ENGINEERING DOC. CONTROL - SRS 00130137

PROJ. NO. 981039
SCALE AS SHOWN
DRAWN BY H. P. THURMOND 8-26-58
CHECKED BY
APPROVED BY
APPROVED BY 1/20/59

ENGINEERING DEPARTMENT

W 230907