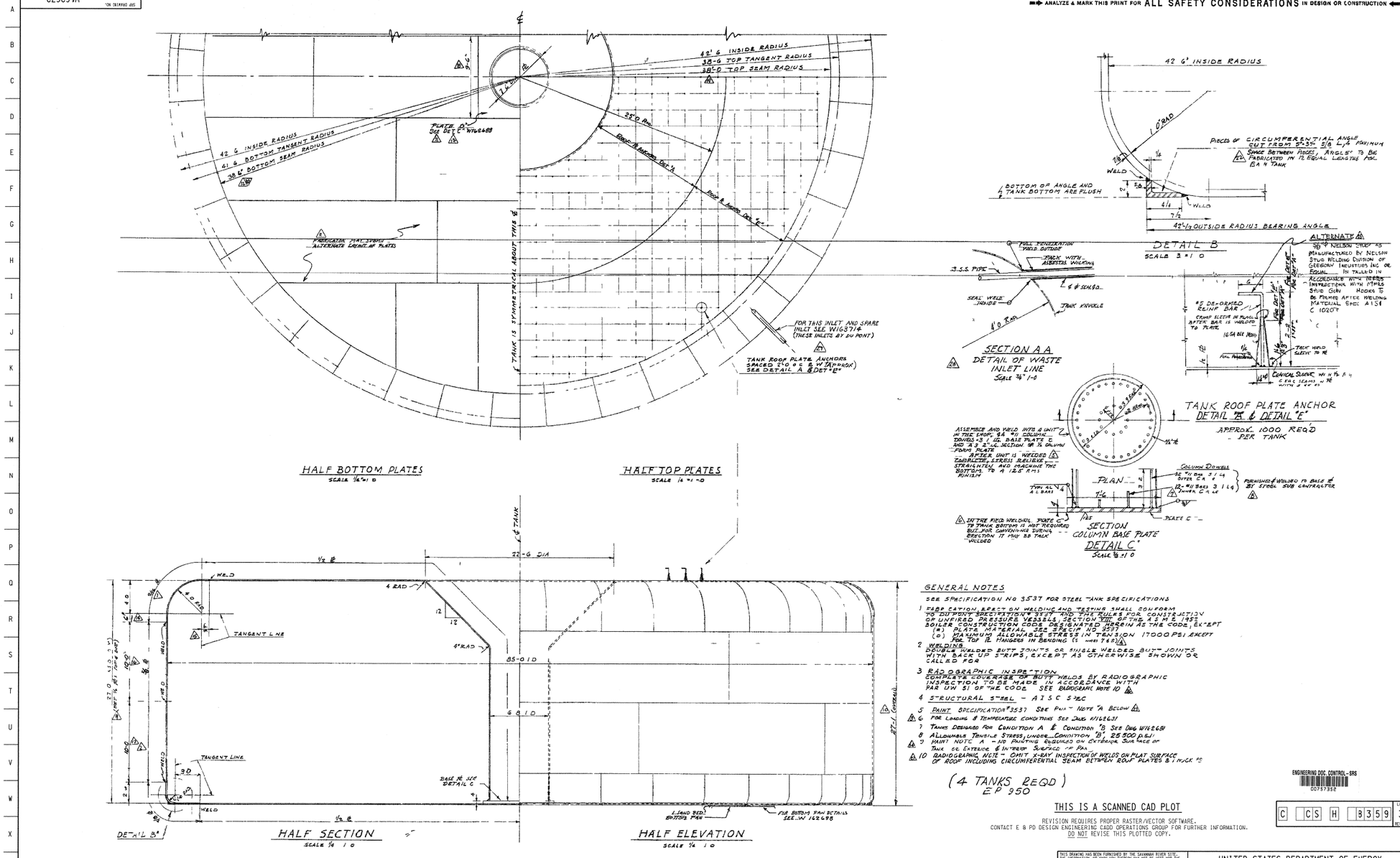
SHP DRAWING NO. W162672

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



GENERAL NOTES

SEE SPECIFICATION NO 3537 FOR STEEL TANK SPECIFICATIONS

1. FABRICATION, ERECTION, WELDING AND TESTING SHALL CONFORM TO DU PONT SPECIFICATION 3537 AND THE RULES FOR CONSTRUCTION OF UNFIRED PRESSURE VESSELS, SECTION VIII OF THE A.S.M.E. 1952 BOILER CONSTRUCTION CODE DESIGNATED HEREIN AS THE CODE, EXCEPT
   (A) PLATE MATERIAL SEE SPECIF NO 2537
   (B) MAXIMUM ALLOWABLE STRESS IN TENSION 17000 PSI EXCEPT FOR TOP PL FLANGES IN BENDING (S = 14000 PSI)
2. WELDING
   DOUBLE KNOLLED BUTT JOINTS OR SINGLE WELD BUTT JOINTS WITH BACK UP STRIPS, EXCEPT AS OTHERWISE SHOWN OR CALLED FOR
3. RADIOGRAPHIC INSPECTION
   COMPLETE COVERAGE OF BUTT WELDS BY RADIOGRAPHIC INSPECTION TO BE MADE IN ACCORDANCE WITH PAR UW 51 OF THE CODE SEE RADIOGRAPHIC NOTE 10
4. STRUCTURAL STEEL - AISC STRUC
5. PAINT SPECIFICATION 3537 SEE PAINT NOTE A BELOW
6. FOR LOADING & TEMPERATURE CONDITIONS SEE DWG W162631
7. TANKS DESIGNED FOR CONDITION A & CONDITION B SEE DWG W162631
8. ALLOWABLE TENSILE STRESS UNDER CONDITION B, 25500 PSI
9. PAINT NOTE A - NO PAINTING REQUIRED ON EXTERIOR SURFACE OF TANK OR EXTERIOR & INTERIOR SURFACE OF PIER
10. RADIOGRAPHIC NOTE - OMIT X-RAY INSPECTION OF WELDS ON FLAT SURFACE OF ROOF INCLUDING CIRCUMFERENTIAL SEAM BETWEEN ROOF PLATES & 1 NECK RS

(4 TANKS REQD)
EP 950

THIS IS A SCANNED CAD PLOT

REVISION REQUIRES PROPER RASTER/VECTOR SOFTWARE.
CONTACT E & PD DESIGN ENGINEERING CADD OPERATIONS GROUP FOR FURTHER INFORMATION.
DO NOT REVISE THIS PLOTTED COPY.

ENGINEERING DOC. CONTROL-SRS
00797352

C CS H 3359 LATEST REVISION 30

PROJ.	REV. NO.	DATE	REVISION	PRP'D	LEAD ENG	CHK'D	APRV'D	APRV'D	APRV'D
B980	29	11/02/55	ADDED NOTE	SIGNATURES ON MICROFILM					
N/A	30	04/06/04	INCORPORATED C-DCF-H-03452. (LWTS-DMM)	LWTS-DMM	N/A	KR			N/A

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REFERENCE DRAWINGS

W163018	GENERAL ARRANGEMENT & CONST DETAILS
W163012	TOP PLAN OF 85'-0" DIA TANK-STEEL
W163688	PLAN FOR 85'-0" DIA TANK-STEEL
W163214	PROCESS-PIPING
BRF 209167	GRAVER TANK & MFG CO., INC

REFERENCE STANDARDS

UNITED STATES DEPARTMENT OF ENERGY

SAVANNAH RIVER SITE

BLDG. NO.	SITE CLEARANCE NO.	DESIGN AREA NO.	DESIGN GROUP
241-H	N/A	N/A	LWTS-DMM

TITLE

SAVANNAH RIVER PLANT
200 AREA - TYPE II TANKS 13-16
WASTE STORAGE TANKS 241-H

85'-0" DIA. STEEL TANK DETAILS
STEEL
PWO. 6010 H (FDM-190 H)

SCALE	SHP DRAWING NO.	SHEET NO.	LATEST REVISION
NONE	W162672	1 OF 1	30

W.S. # ( ) REF FILES YES NO

LEVELS 1111111111222222222333333333444444444455555555556666

PSC# PLOT DATE

DRAWN BY (ORIG): R.REIMER
TIME
DATE: 04/06/04

LAST CADD REV.

Scale shown on this drawing is only applicable when plotted at 30"x42" (actual drawing size)

W162672\W162672.dgn Apr. 06, 2004 09:02:41