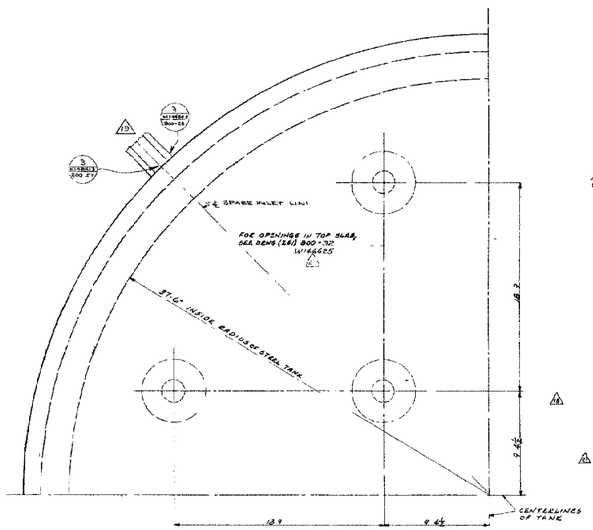
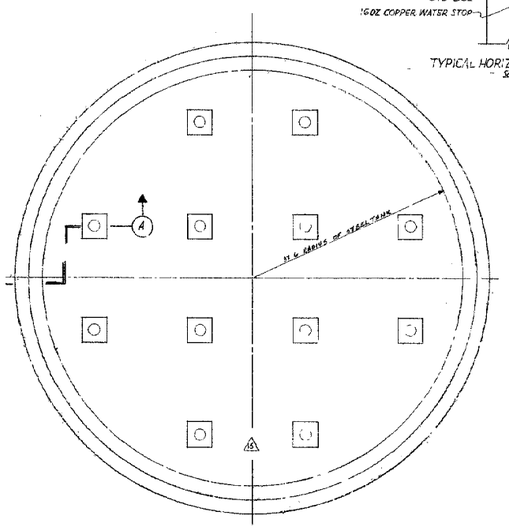
W145579

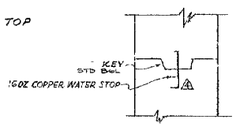
ANALYZE & MARK THIS PRINT FOR ALL SAFETY CONSIDERATIONS IN DESIGN OR CONSTRUCTION



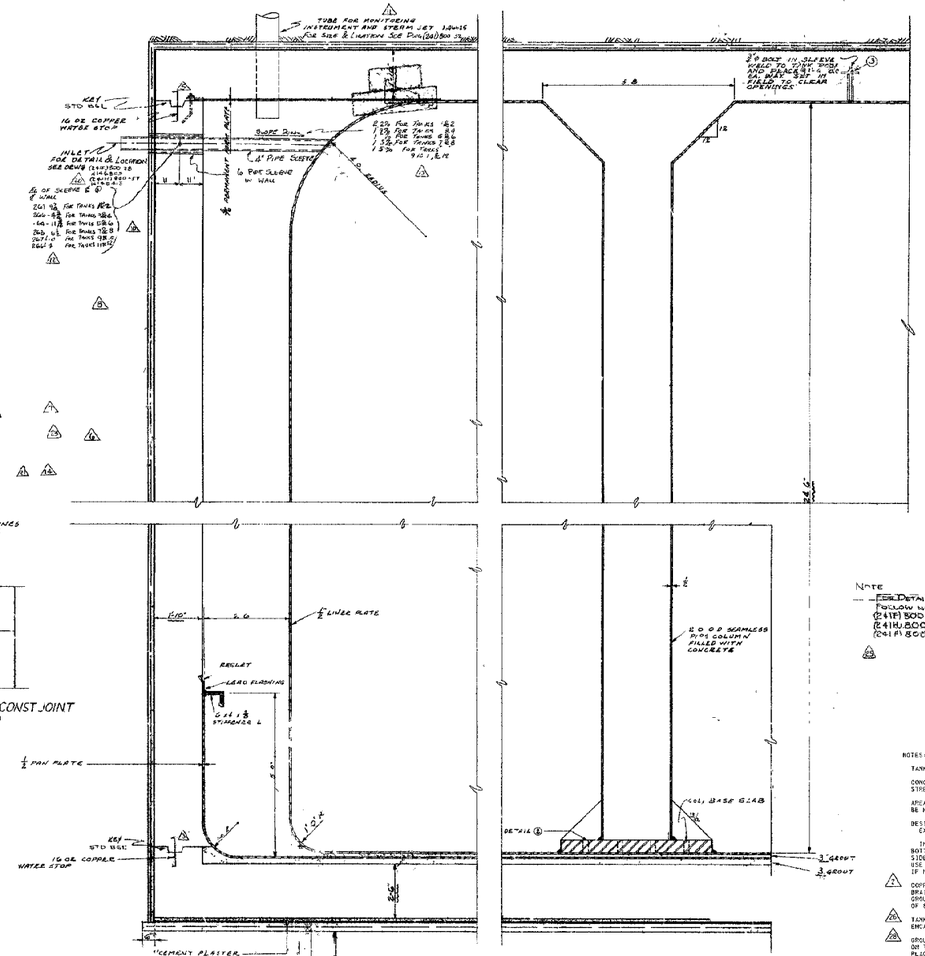
QUARTER PLAN -- TANK TOP
SCALE 3/8" = 1'-0"



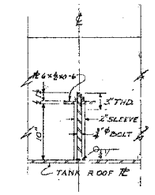
PLAN TANK BOTTOM
SCALE 3/8" = 1'-0"



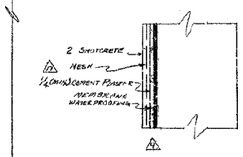
TYPICAL HORIZONTAL CONST JOINT
SCALE 1 = 1'-0"



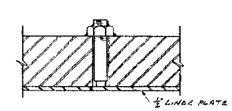
SECTION (A)
SCALE 3/8" = 1'-0"



DETAIL 3
SCALE 1/2" = 1'-0"



DETAIL 1
SCALE 1" = 1'-0"



DETAIL 2
SCALE 3" = 1'-0"

NOTE
FOR DETAIL OF WAT BP NO 12 SEE THE FOLLOW NG DWGS:
(241F) 800-8 / W165770
(241H) 800 3 / W183808
(241F) 800 14 / W1983

NOTES:

TANK SPECIFICATIONS NO. 3304.

CONCRETE TO DEVELOP 2500 PSI COMPREHENSIVE STRENGHT IN 28 DAYS.

AREA BETWEEN STEEL TANK AND STEEL PAN TO BE MONITORED.

DESIGN LIVE LOADS
EXTERNAL - 3'-0" EARTH COVER
GROUND WATER TO STOP OF COVERED TANK.
INTERNAL - FLUID CONTENTS
BOTTOM SLAB TO BE MONOLITHIC POUR.
SIDE WALLS TO HAVE NO VERTICAL CONSTRUCTION JOINTS. USE HORIZONTAL CONSTRUCTION JOINTS IN SIDE WALLS IF NECESSARY.

COPPER WATER STOP TO BE CONTINUOUS SEAMS TO BE BRAZED WATER TIGHT TO PREVENT TANK'S FLOATING GROUND WATER JUST NOT PERMITTED TO RISE TO A LEVEL OF 5'-0" BELOW CONCRETE.

TANK WITH NO EARTH FILL ON TANK BUT AFTER CONCRETE EMCASEMENTS ON ROOF OF TANK ARE IN PLACE.

GROUND WATER MUST NOT TO BE PERMITTED TO RISE ABOVE THE LINE ON THE TOP OF THE CONCRETE AND UNTIL AT LEAST 5'-0" FILL HAS BEEN PLACED ON TOP OF TANK.

UNCLASSIFIED
DOES NOT CONTAIN
UNCLASSIFIED CONTROLLED
NUCLEAR INFORMATION

Reviewing Official: SIGNATURE ON MICROFILM (Name and Title)

Date: 08/15/95

C | CS | H | 3358 | LATEST REVISION 29

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.

PROJ.	REV. NO.	DATE	REVISION	PRP'D	LEAD ENG	CHK'D	APRV'D	APRV'D	APRV'D

PROJ.	REV. NO.	DATE	REVISION	PRP'D	LEAD ENG	CHK'D	APRV'D	APRV'D	APRV'D

PROJ.	REV. NO.	DATE	REVISION	PRP'D	LEAD ENG	CHK'D	APRV'D	APRV'D	APRV'D
N/A	28	08/03/93	REVISED FLOTATION NOTE.		SIGNATURES ON MICROFILM				
N/A	29	08/15/95	INCORPORATED C-DCF-G-CC355. (LWTS-DWM)		N/A				N/A

THIS DRAWING HAS BEEN MICROFILMED BY THE SAVANNAH RIVER SITE. ALL INFORMATION AND BORDER FOR THERON HAS NOT BE USED NOR THE DRAWING REPRODUCED WITHOUT WRITTEN PERMISSION BY THE PROJ. CONTRACTOR. ALL WORKING DRAWINGS, SHOP DRAWINGS, FIELD DWG. VENDORS SHOP DRAWINGS, SHALL BEAR OR REFER TO THIS STAMP.

REFERENCE DRAWINGS

41-95225	DESIGN OF CONCRETE TANK
41-95379	75-0" DIA STEEL TANK DETAILS
41-95499	EXCAVATION
41-95367	STEEL PAN PLATE DETAILS

ENGINEERING DOC CONTROL - SRS
D0765744

REFERENCE STANDARDS

UNITED STATES DEPARTMENT OF ENERGY
SAVANNAH RIVER SITE

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

TITLE
SAVANNAH RIVER PLANT
200 AREA
TYPE I TANKS 1-8 AND 9-12
WASTE STORAGE TANKS 241-H
GENERAL ARRANGEMENT & CONSTRUCTION DETAILS
CONCRETE AND STEEL
(U)

SCALE	SRP DRAWING NO.	SHEET NO.	LATEST REVISION
NONE	W145573	1 OF 1	29

W.S. # 1 1 - REF FILES YES NO

LEVELS 1111111111 2222222222333333333444444444555555555666666666 1234567890123456789012345678901234567890123456789012345678901234 PSG- PLOT DATE

DRAWN BY (ORIGI): TIME

LAST CADD REV. BY: R.REINER DATE: 04/05/94

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

C:\CADDS\W145573.DGN Apr 05, 2014 12:17:59