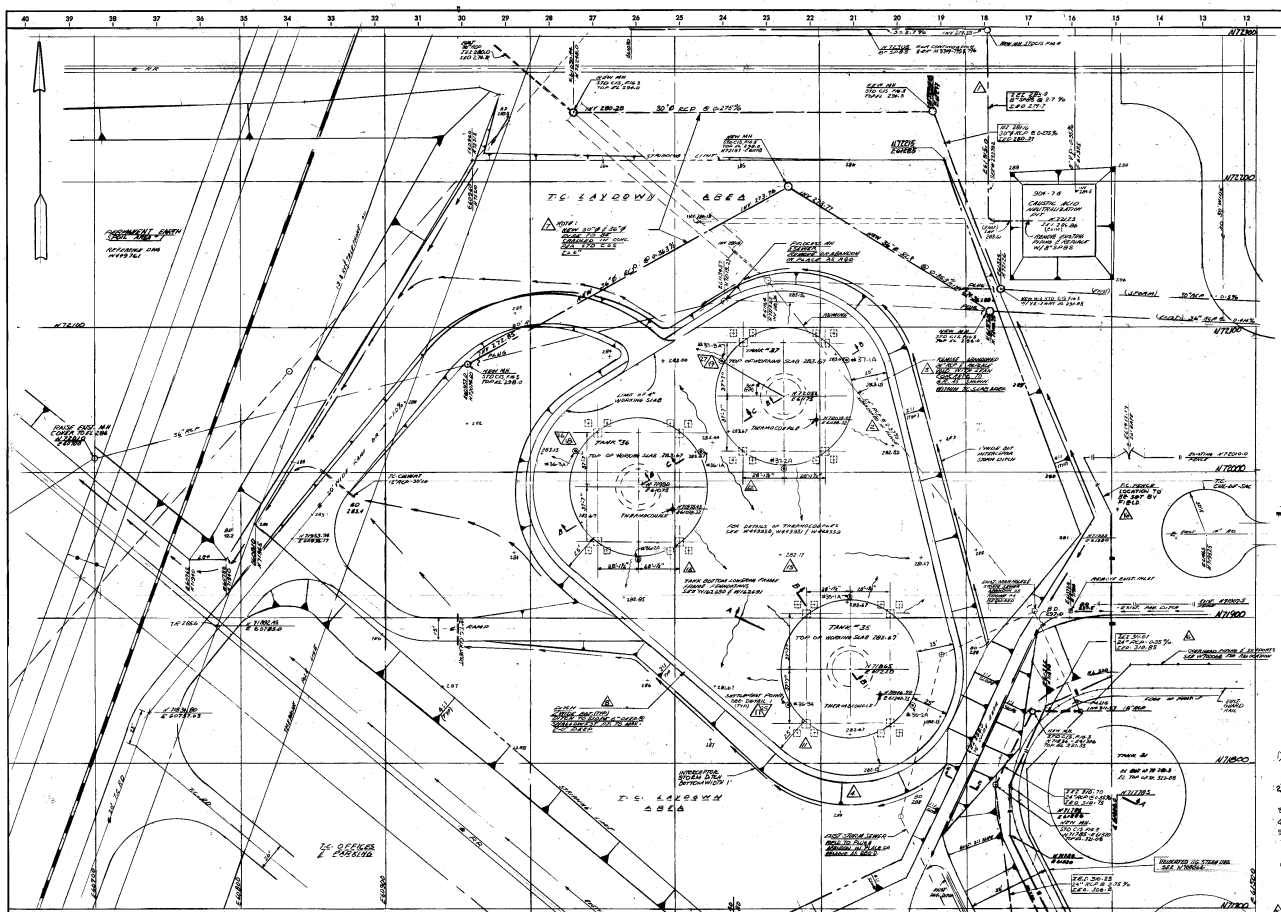
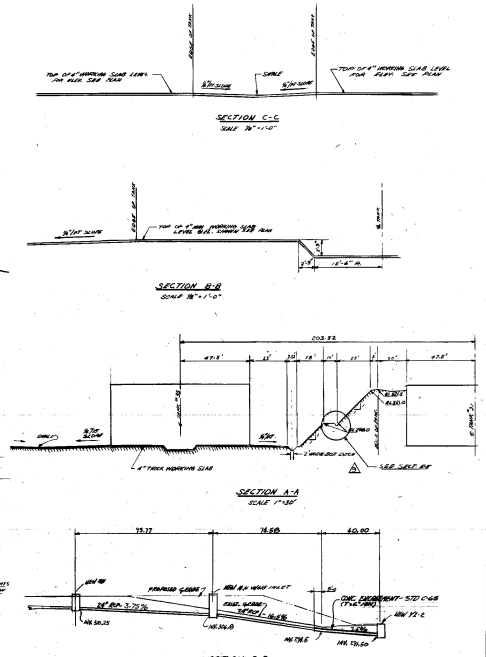


→ ANALYZE FOR **SAFETY, ECOLOGY AND MINIMUM ESSENTIAL DESIGN** ←



GENERAL NOTES

1) PRIOR TO COMMENCEMENT OF EXCAVATION FOR NEW WASTE TANKS 85, 86, & 87, FIELD IS TO REMOVE EXISTING SPOIL PILE AND STRIP TOPSOIL IN AREA TO A NOMINAL DEPTH OF 12 INCHES BELOW ORIGINAL GRADE. SEE W449791 FOR GENERAL NOTES AND LIMITS OF WORK.
2) EXCAVATED MATERIAL BELOW TOPSOIL STRIPPING ELEVATIONS (AS SHOWN ON W449791) IS TO BE STOCKPILED FOR FUTURE USE AS GENERAL BACKFILL. USE THE AREA DESIGNATED AS "TEMPORARY SPOIL AREA" ON W449791
3) EXCAVATION SHALL BE PER DUPONT STANDARDS SC-3-E, SC-3.1-E & S9F.
4) ALL MATERIAL PLACED IN THE "TEMPORARY SPOIL AREA" SHALL RECEIVE STANDARD COMPACTION PER STD. SC-4-E.
5) THE SLOPES OF THE EXCAVATION STOCKPILE AREA SHALL BE NO STEEPER THAN 4:1. ALL SLOPES SHALL RECEIVE 4" TOPSOIL, FIELD SEEDING & ASPHALT EMULSION ON TOP OF STRAW MULCH IMMEDIATELY UPON PLACEMENT. STD. (SC-8-E)
6) THE EXPOSED FACE OF THE OPEN EXCAVATION SHALL BE PROTECTED BY ASPHALT EMULSION OR SIMILAR TYPE APPLICATION TO PREVENT EXCESSIVE EROSION.
7) EROSION DAMAGE DURING CONSTRUCTION SHALL BE CORRECTED IMMEDIATELY FOLLOWING EACH STORM.
8) STORM DRAINAGE IN DITCH SHOWN AT EL 298 (SECTION A-A) MUST BE DIRECTED TO MONITORED STORM SEWER SYSTEM. A SIMILAR SITUATION WILL EXIST AFTER EARLY TURNOVER OF TANK 85 (SEE W449987). DRAINAGE OF EXCAVATION TO SUIT FIELD CONDITIONS.
9) FIELD TO PROVIDE A METHOD OF CONTAINMENT OF STORM WATER RUNOFF (i.e. STOP LOG GATE) IN THE EVENT OF A SPILL NEAR EXISTING TANKS WHICH MIGHT ENTER THE EXCAVATION
10) 30" Ø STORM SEWER & 36" Ø COOLING WATER LINE & 8"SPAS PROCESS SEWER ARE TO BE RELOCATED & CONDITIONED BEFORE T.C. LAYDOWN AREA CAN BE USED.

THIS DOCUMENT CONTAINS INFORMATION RELATING TO ACTIVITIES OF THE ATOMIC ENERGY COMMISSION NOT TO BE REPRODUCED OR RELEASED WITHOUT PRIOR APPROVAL.

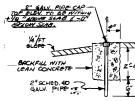
BLDG.	PROJ.	DA	DWG. TYPE		LATEST REVISION
241-12H	860314 951463	1	42	W449843	27

ENGINEERING DOC. CONTROL - SRS 00026625

GENERAL NOTES (CONTINUED)

11) PRIOR TO FILE EXPORT (AT BASELINE) THE RC/CONCRETE WORKING SLAB IS TO BE SURVEYED IN FIELD WITH ENGLISH DIMENSIONS ABOUT 1 FT.
12) THE FOLLOWING DOCUMENTS ARE TO BE RETAINED FOR QUALITY ASSURANCE PURPOSES:
a. LAYOUT ENGINEERING LOGS.
b. GRAIN SIZE ANALYSIS REPORTS OF FILL MATERIAL.
c. MOISTURE DENSITY REPORTS.
d. ELEVATION CHECK SHEETS OF SETTLEMENT POINTS.

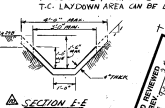
"THIS DRAWING IS TO BE RETAINED IN PROJECT FILES FOR RECORD PURPOSES. SEE W700505 & W700242 FOR ALL FINAL & "AS-BUILT" INFORMATION."



DETAIL 1
SETTLEMENT POINT (TYPICAL)
INDICATED THUS (⊗) ON PLAN
NO SCALE

SETTLEMENT POINT LOCATIONS

TANK 85	N 7184.12	E 4178.65 = 35-3A
	N 7184.12	E 4186.35 = 35-3B
	N 7192.75	E 4182.0 = 35-1A
TANK 86	N 7142.25	E 4170.0 = 36-2A
	N 7203.88	E 4133.65 = 36-3A
	N 7203.88	E 4144.35 = 36-1A
TANK 87	N 7206.25	E 4117.50 = 37-2A
	N 7207.88	E 4133.65 = 37-3A
	N 7207.88	E 4126.35 = 37-1A



SECTION E-E
TYPICAL NON-CONFORMED DITCH PER SEE DETAIL
SCALE 1/2"=1'-0"

PROJECT 860314 - 951463
SCALE 1"=30'
DRAWN M. GALLEGO
CHECKED J. D. Shaw
APPROVED-INITIAL CONSTR. RELEASE M. P. Richards
APPROVED-FINAL M. P. Richards

REFERENCE DRAWINGS			
W 2395-796	EARTHWORK	W 236526	BLDG. SITE PLAN FIRST FLOOR
W 2302-796	10-F3	W 6078	G.L. AREA SITE PLAN FIRST FLOOR
W 2702-796	11-F0	W 239250	SITE PLAN FIRST FLOOR
W 2369-796	D.L. FLOW DIAG	W 237250	FLOW DIAGRAM BLDG. 241-12H
W 2369-796	D.L. FLOW DIAG	W 237261	FLOW DIAGRAM BLDG. 241-12H
W/162890	CONDITIONS FOUND DURING CONSTRUCTION	W 417890	TC PLOT PLAN
		W 237252	BLDG. SITE PLAN FIRST FLOOR
		W 162626	SANITARY

REFERENCE STANDARDS	
SP8S	C12E
SC-3-E	SC-3.1-E
S9F	SC-4-E
SC-8E	C15
C6S	

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E. I. DU PONT DE NEMOURS & COMPANY
WILMINGTON, DELAWARE
ENGINEERING DEPARTMENT
W449843

SAVANNAH RIVER PLANT
BUILDING 241-12 H
ADDNL. HIGH LVL. WASTE STG. TANKS
EXCAVATION PLAN
CIVIL

Reproduced From 449843

PROJ. NO.	REVISIONS	REVISED BY DATE	CHECKED BY DATE	APPROVED BY DATE
951463	ADDED SETTLEMENT PT. NUMBERS			
951463	ADDED NEW NOTE (8)			
951463	ADDED NOTE FOR CONSTR. ENGINEER			
951463	ADDED NOTE FOR CONSTR. ENGINEER			
951463	ADDED DETAIL 1			
951463	ADDED NOTE 9 & 9 1/2			
951463	ADDED DITCH SECTION			
951463	ADDED NOTE 10			
951463	ADDED NOTE			