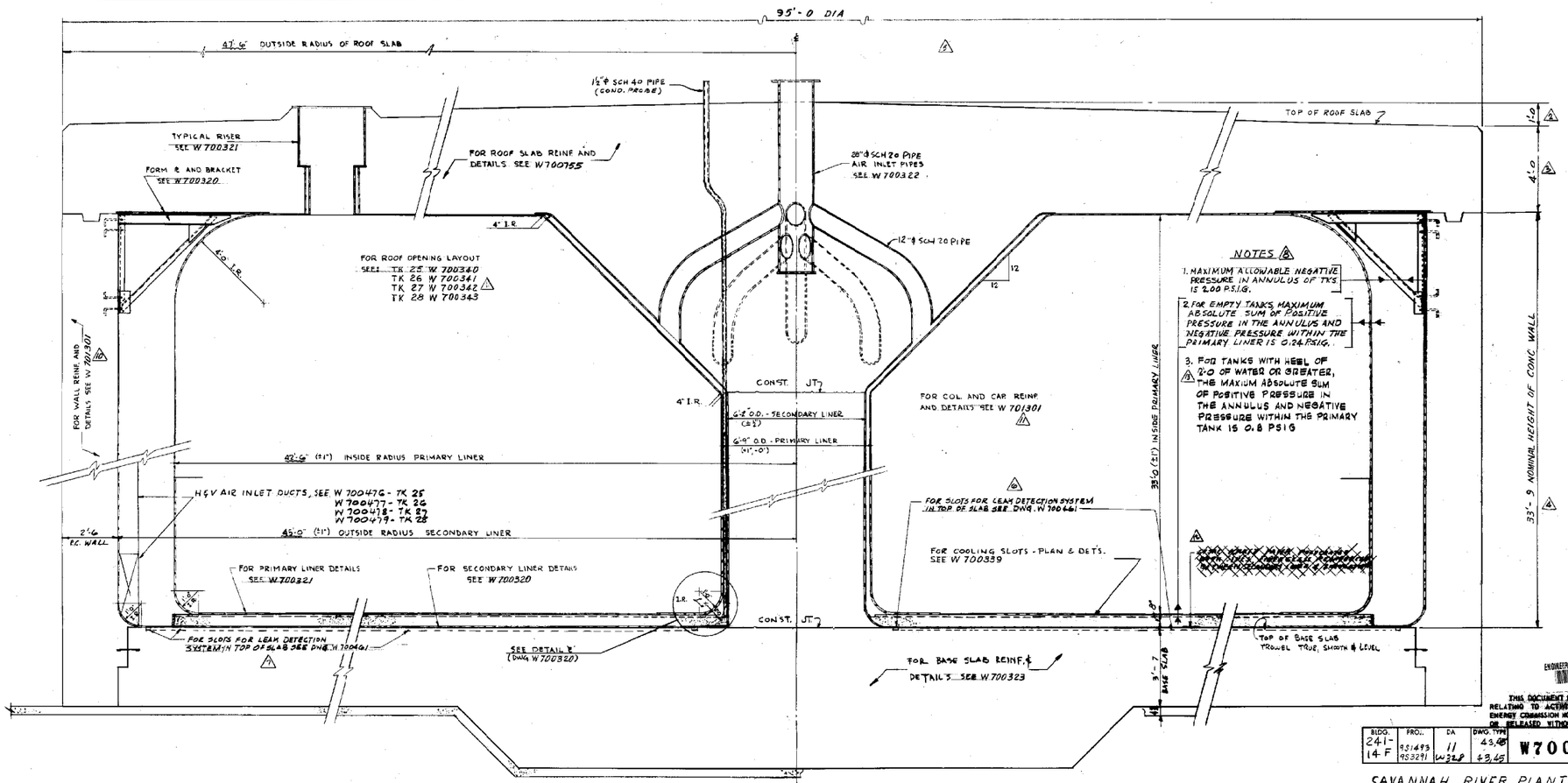
STRUCTURAL DRAWING INDEX

DWG NO	DESCRIPTION	PROJ. NO	DWG NO	DESCRIPTION	PROJ. NO	DWG NO	DESCRIPTION	PROJ. NO	DWG NO	DESCRIPTION	PROJ. NO
W162690	TANK BOTTOM LOWERING FRAME	951493	W700399	PLAN COOLING COIL GUIDES TK 26	951493	W700872	LINER PLATE ATTACHMENTS SH 3	951493	W823398	PLAN PUMP SUPPORTS TK 28	953291
W162691	TANK BOTTOM LOWERING FRAME		W700400	PLAN COOLING COIL SUPPORTS TK 26		W700887	LINER PLATE ATTACHMENTS SH 4		W823455	TANK TOP SLAB SH 2 TK 28	"
W700320	SECONDARY LINER PLANS & DETS		W700421	PLAN HEADER SUPPORTS TK 27		W701242	DIMENSIONAL RECORD TK 25		W831489	PLAN PUMP SUPPORTS TK 25 - STL	953291
W700321	PRIMARY LINER PLANS & DETS		W700422	PLAN COOLING COIL GUIDES TK 27		W701243	DIMENSIONAL RECORD TK 26		W831493	TANK TOP SLAB SH 2 TK 25 - CONC.	"
W700322	AIR INLET MANIFOLD		W700423	PLAN COOLING COIL SUPPORTS TK 27		W701244	DIMENSIONAL RECORD TK 27				
W700323	BASE SLAB REINF		W700424	PLAN HEADER SUPPORTS TK 28		W701245	DIMENSIONAL RECORD TK 28				
W700324	GENERAL ARRGT		W700425	PLAN COOLING COIL GUIDES TK 28		W701274	TOP SLAB PL & DETS SH 1 TK 25				
W700325	LINER PLATE ATTACHMENTS SH 1		W700426	PLAN COOLING COIL SUPPTS TK 28		W701275	TOP SLAB PL & DETS SH 1 TK 26				
W700326	LINER PLATE ATTACHMENTS SH 2		W700461	PLAN OF LEAK DETECTION SYSTEM		W701301	WALL & COLUMN SECTIONS & DETS				
W700339	COOLING SLOTS - PLAN & DETS		W700751	TOP SLAB REINF TK 25		W701309	TOP SLAB PL & DET SH 1 TK 26				
W700340	TOP SLAB PLAN TK 25		W700752	TOP SLAB REINF TK 26		W701310	TOP SLAB PL & DET SH 1 TK 27				
W700341	TOP SLAB PLAN TK 26		W700753	TOP SLAB REINF TK 27		W701488	RISER & PLUG DETAILS				
W700342	TOP SLAB PLAN TK 27		W700754	TOP SLAB REINF TK 28		W701489	PLUG DETAILS SH 1				
W700343	TOP SLAB PLAN TK 28		W700755	TOP SLAB REINF DETAILS		W701490	PLUG DETAILS SH 2				
W700395	PLAN HEADER SUPPORTS TK 25		W700813	TOP SLAB PL & DETS SH 1 TK 25		W701529	PL & DETS H&V ANN FAN FDNS				
W700396	PLAN COOLING COIL GUIDES TK 25		W700814	TOP SLAB PL & DETS SH 1 TK 26		W701801	TEMPORARY RISER BRCGS TK 26				
W700397	PLAN COOLING COIL SUPPORTS TK 25		W700815	TOP SLAB PL & DETS SH 1 TK 27							
W700398	PLAN HEADER SUPPORTS TK 26		W700816	TOP SLAB PL & DETS SH 1 TK 28							

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

NOTES

1. FOR STEEL TANK LINER SPECIFICATIONS & GENERAL CONSTRUCTION PROCEDURES SEE SPEC No. 6797
2. STEEL PLATES FOR PRIMARY & SECONDARY LINERS ARE TO BE ASTM A-516 GRADE 70. MIN TENSILE STRENGTH = 70,000 PSI, DESIGN WORKING STRESS FOR INTERNAL HYDROSTATIC PRESSURE = 17,500 PSI
3. THE PRIMARY LINER IS TO CONTAIN WASTE LIQUID WITH A SPECIFIC GRAVITY = 1.8, DEPTH = 31'-0. THE SECONDARY LINER IS TO SERVE AS A FORM FOR THE CONCRETE TANK AND TO CONTAIN ANY LEAKAGE FROM THE PRIMARY LINER.
4. THE ENTIRE PRIMARY LINER, INCLUDING RISERS & INLETS IS TO BE STRESS RELIEVED IN ACCORDANCE WITH SPEC. No. 6797.
5. TEMPORARY ROOF SHORING IS TO REMAIN IN PLACE A MINIMUM OF 21 DAYS AFTER COMPLETION OF ROOF SLAB POUR.



TYPICAL CROSS-SECTION
SCALE: ½"=1'-0

ENGINEERING DOC. CONTROL - SRS
0003389

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BLDG.	PROJ.	DA	DWG. TYPE		LATEST
241-14 F	951493 953291	11 W328	43,48 43,45	W700324	16 REVISION

SAVANNAH RIVER PLANT
BLDG. 241-14F TANKS 25, 26, 27 & 28
ADDITIONAL WASTE STORAGE TANKS
GENERAL ARRANGEMENT
CONCRETE & STEEL

INVENTORIED BY ... DATE ...

NOTE
REVISIONS 1 THRU 7 MADE PRIOR TO S.C.R. RELEASE

RMD REVIEWED AT REV. 16 DATE 8/8/72

Reproduced From W748849

PROJ. NO	REVISIONS	REVISED BY DATE	CHECKED BY DATE	APPROVED BY DATE
953291	△ ADDED REF. DRWGS.			
951493	△ REF. DWGS. ADDED			
951493	△ DIMENSIONS ADDED			
951493	△ DIMENSION ADDED FOR LEAK DETECTION SYSTEM			
	△ ADD. NOTES 1 & 2			
951493	△ ADD DWG INDEX, ADD REF DWG			
951493	△ REMOVED SIGM. & ADDED REF. DWGS.			
951493	△ ADDED NOTE 3			
953291	△ ADDED REF. DWG 953291 AND REF. DWGS.			

REFERENCE STANDARDS

REFERENCE DRAWINGS			
W700320	SEC LINER	W700343	TOP SL TK 28
W700321	PRI LINER	W700322	AIR INLET MANIFOLD
W701301	WALL & COL DETAILS	W700339	COOLING SLOTS
W700323	BASE SL REINF	W700461	LEAK DETECT SYSTEM
W700755	TOP SL REINF		
W700340	TOP SL TK 25		
W700341	TOP SL TK 26		
W700342	TOP SL TK 27		

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PROJECT 951493, 953291
SCALE ½"=1'-0
DRAWN C. O. REITZ OCT. 18 1974
CHECKED L.A. CRAFTON 10/21/74
APPROVED: INITIAL CONSTR. RELEASE W. L. ... 10/21/74
APPROVED: FINAL W. L. PETERS 7/31/75

E. I. DU PONT DE NEMOURS & COMPANY
WILMINGTON, DELAWARE
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W700324

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