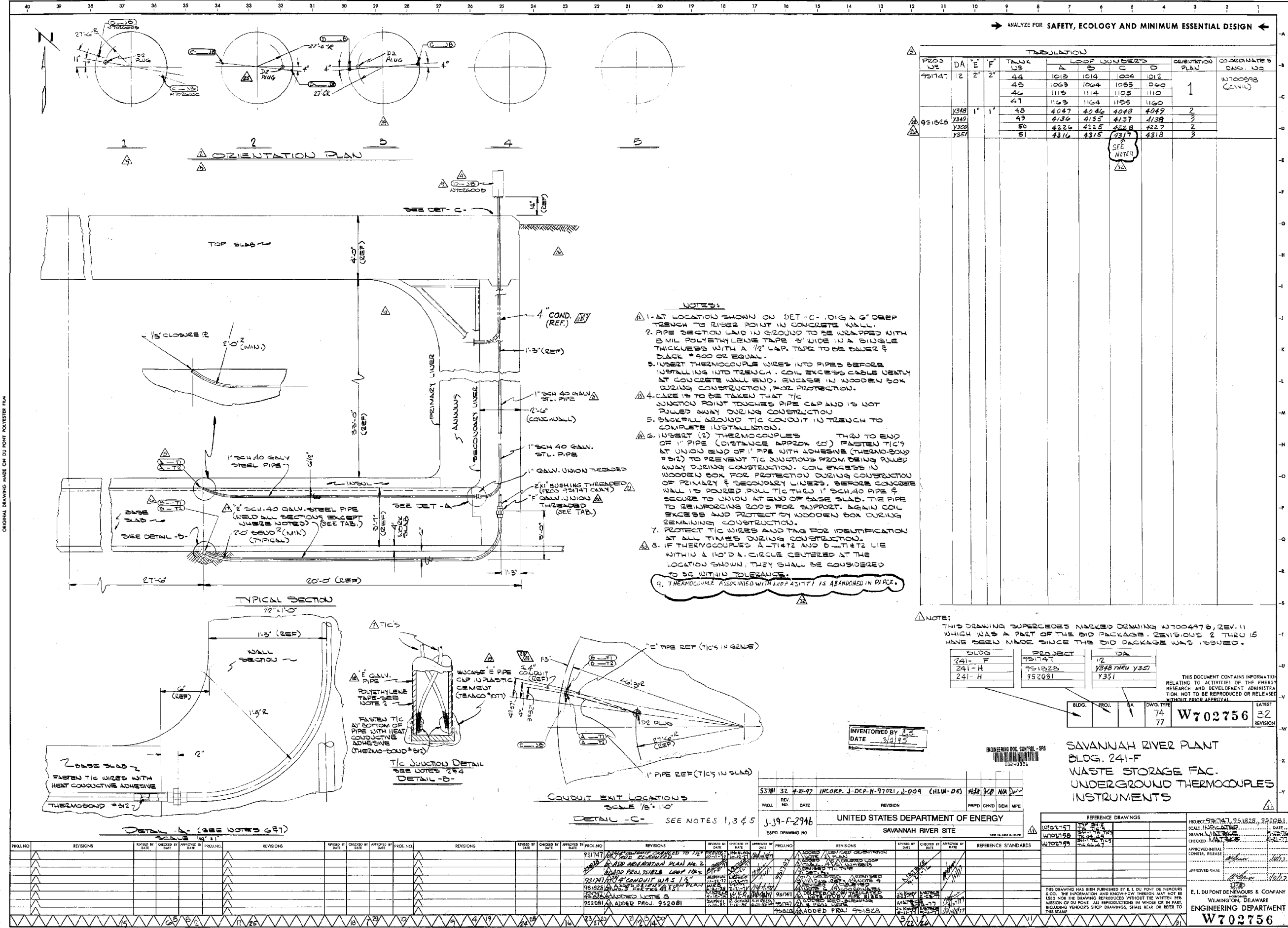




THERMOCOUPLE									
PROJ. NO.	DA	E	F	TAKE	LOOP	NUMBER	ORIENTATION	COORDINATE	DATE
951747	12	2	2	44	1013	1014	1024	1012	1
				45	1063	1064	1055	1060	
				46	1113	1114	1105	1110	
				47	1163	1164	1155	1160	
951825	12	2	2	48	4047	4046	4048	4049	2
				49	4136	4135	4137	4138	3
				50	4226	4225	4228	4227	2
				51	4316	4315	4317	4318	3

- NOTES:
1. AT LOCATION SHOWN ON DET-C, DIG A 6" DEEP TRENCH TO RISE POINT IN CONCRETE WALL.
 2. PIPE SECTION LAID IN TRENCH TO BE WRAPPED WITH 3 MIL POLYETHYLENE TAPE 3" WIDE IN A SINGLE THICKNESS WITH A 1/2" LAP. TAPE TO BE COVERED BY BLACK #400 OR EQUAL.
 3. INSERT THERMOCOUPLE WIRES INTO PIPES BEFORE INSTALLING INTO TRENCH. COIL EXCESS CABLE NEATLY AT CONCRETE WALL END. ENCASE IN WOODEN BOX DURING CONSTRUCTION, FOR PROTECTION.
 4. CARE IS TO BE TAKEN THAT T/C JUNCTION POINT TOUCHES PIPE CAP AND IS NOT PULLED AWAY DURING CONSTRUCTION.
 5. BACKFILL AROUND T/C CONDUIT IN TRENCH TO COMPLETE INSTALLATION.
 6. INSERT (2) THERMOCOUPLES THRU TO END OF 1" PIPE (DISTANCE APPROX 20") FASTEN T/C'S AT UNION END OF 1" PIPE WITH ADHESIVE (THERMO-BOND #312) TO PREVENT T/C JUNCTIONS FROM BEING PULLED AWAY DURING CONSTRUCTION. COIL EXCESS IN WOODEN BOX FOR PROTECTION DURING CONSTRUCTION OF PRIMARY & SECONDARY LINERS. BEFORE CONCRETE WALL IS POURED, PULL T/C THRU 1" SCH 40 PIPE & SECURE TO UNION AT END OF BASE SLAB. TIE PIPE TO REINFORCING RODS FOR SUPPORT. AGAIN COIL EXCESS AND PROTECT BY WOODEN BOX DURING REMAINING CONSTRUCTION.
 7. PROTECT T/C WIRES AND TAG FOR IDENTIFICATION AT ALL TIMES DURING CONSTRUCTION.
 8. IF THERMOCOUPLES A-1412 AND B-1412 LIE WITHIN A 10" DIA. CIRCLE CENTERED AT THE LOCATION SHOWN, THEY SHALL BE CONSIDERED TO BE WITHIN TOLERANCE.
 9. THERMOCOUPLE ASSOCIATED WITH LOOP 431711 IS ABANDONED IN PLACE.

NOTE: THIS DRAWING SUPERSEDES MARKED DRAWING W700497B, REV. 11 WHICH WAS A PART OF THE BID PACKAGE. REVISIONS 2 THRU 15 HAVE BEEN MADE SINCE THE BID PACKAGE WAS ISSUED.

BLOG	PROJECT	DA
241-F	951747	12
241-H	951825	Y348 THRU Y351
241-H	952081	Y351

THIS DOCUMENT CONTAINS INFORMATION RELATING TO ACTIVITIES OF THE ENERGY RESEARCH AND DEVELOPMENT ADMINISTRATION. NOT TO BE REPRODUCED OR RELEASED WITHOUT PRIOR APPROVAL.

BLOG	PROJ.	DA	DWG. TYPE	DATE
			74	77
			74	77

SAVANNAH RIVER PLANT
BLOG. 241-F
WASTE STORAGE FAC.
UNDERGROUND THERMOCOUPLES
INSTRUMENTS

REV.	NO.	DATE	REVISION
1	1	12-27-97	INCORP. J. DCP-H-97021, J.004 (HLW-DE) HRP 3/20 NA
2	2	12-27-97	INCORP. J. DCP-H-97021, J.004 (HLW-DE) HRP 3/20 NA
3	3	12-27-97	INCORP. J. DCP-H-97021, J.004 (HLW-DE) HRP 3/20 NA
4	4	12-27-97	INCORP. J. DCP-H-97021, J.004 (HLW-DE) HRP 3/20 NA
5	5	12-27-97	INCORP. J. DCP-H-97021, J.004 (HLW-DE) HRP 3/20 NA
6	6	12-27-97	INCORP. J. DCP-H-97021, J.004 (HLW-DE) HRP 3/20 NA
7	7	12-27-97	INCORP. J. DCP-H-97021, J.004 (HLW-DE) HRP 3/20 NA
8	8	12-27-97	INCORP. J. DCP-H-97021, J.004 (HLW-DE) HRP 3/20 NA
9	9	12-27-97	INCORP. J. DCP-H-97021, J.004 (HLW-DE) HRP 3/20 NA
10	10	12-27-97	INCORP. J. DCP-H-97021, J.004 (HLW-DE) HRP 3/20 NA
11	11	12-27-97	INCORP. J. DCP-H-97021, J.004 (HLW-DE) HRP 3/20 NA
12	12	12-27-97	INCORP. J. DCP-H-97021, J.004 (HLW-DE) HRP 3/20 NA
13	13	12-27-97	INCORP. J. DCP-H-97021, J.004 (HLW-DE) HRP 3/20 NA
14	14	12-27-97	INCORP. J. DCP-H-97021, J.004 (HLW-DE) HRP 3/20 NA
15	15	12-27-97	INCORP. J. DCP-H-97021, J.004 (HLW-DE) HRP 3/20 NA

PROJ. NO.	REVISIONS	REVISIONS	REVISIONS	REVISIONS	REVISIONS	REVISIONS	REVISIONS	REVISIONS	REVISIONS
951747	1	2	3	4	5	6	7	8	9
951825	1	2	3	4	5	6	7	8	9
952081	1	2	3	4	5	6	7	8	9

REFERENCE DRAWINGS	DATE	REVISION
W702756	12-27-97	1
W702756	12-27-97	2
W702756	12-27-97	3
W702756	12-27-97	4
W702756	12-27-97	5
W702756	12-27-97	6
W702756	12-27-97	7
W702756	12-27-97	8
W702756	12-27-97	9
W702756	12-27-97	10
W702756	12-27-97	11
W702756	12-27-97	12
W702756	12-27-97	13
W702756	12-27-97	14
W702756	12-27-97	15

SAVANNAH RIVER PLANT
BLOG. 241-F
WASTE STORAGE FAC.
UNDERGROUND THERMOCOUPLES
INSTRUMENTS