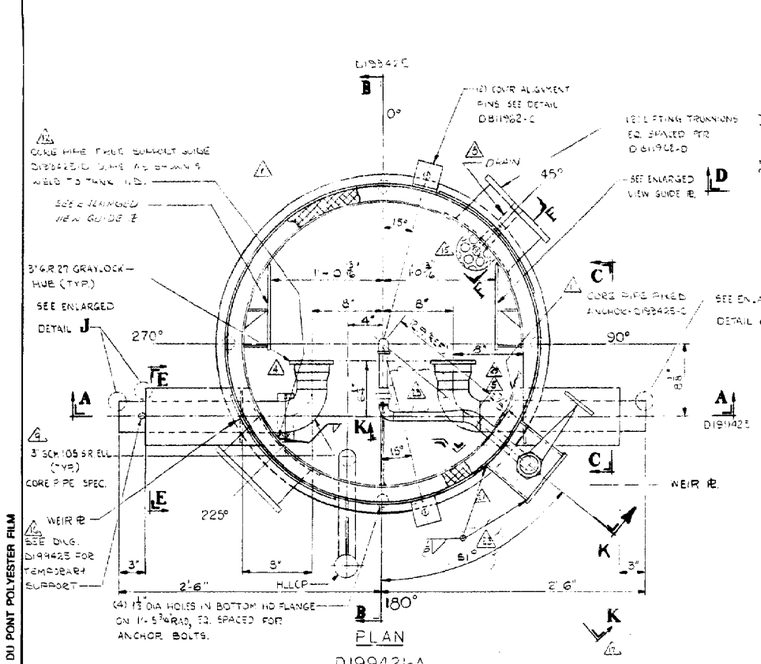
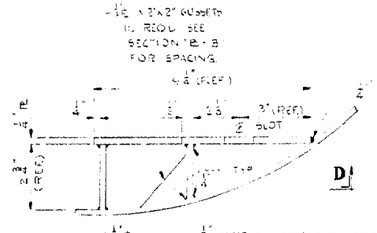
ORIGINAL DRAWING MADE ON DU PONT POLYESTER FILM

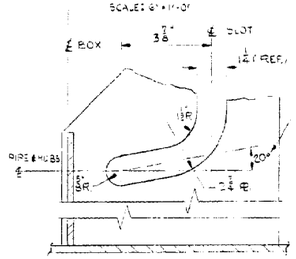
➡ ANALYZE FOR SAFETY, ECOLOGY, AND MINIMUM ESSENTIAL DESIGN ⬅



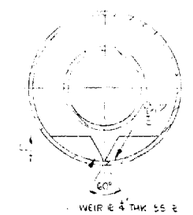
PLAN
D199421-A



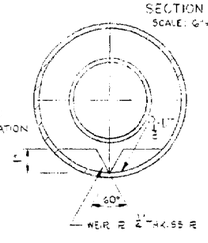
ENLARGED VIEW GUIDE PLATE
(2-REQ'D, ONE OPPOSITE HAND)
SCALE: 6"=1'-0"



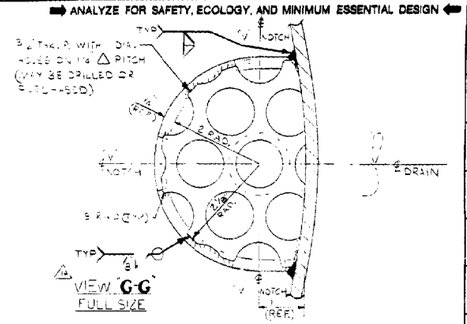
SECTION **D-D**
SCALE: 6"=1'-0"

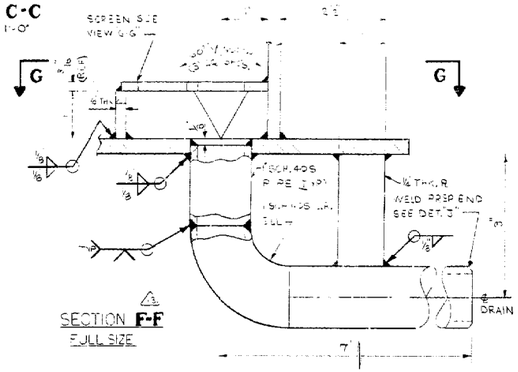


SECTION **C-C**
SCALE: 6"=1'-0"

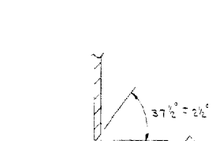


SECTION **E-E**
SCALE: 6"=1'-0"

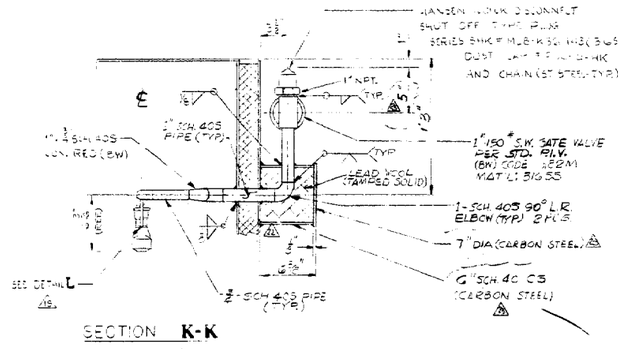




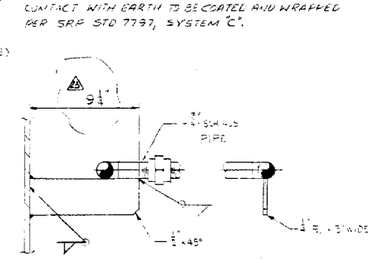
SECTION **F-F**
FULL SIZE



DETAIL **J**
FULL SIZE



SECTION **K-K**



DETAIL **L**
SCALE: 3"=1'-0"

GENERAL NOTES (CONT'D)

△12 - ALL UNDERGROUND PIPING & METAL SURFACES IN CONTACT WITH EARTH TO BE COATED AND WRAPPED PER SRP STD 7797, SYSTEM 'C'.

GENERAL NOTES:

1. EXCEPT AS NOTED OTHERWISE MATL: BOX & INTERIOR PLES 304L SST. PER ASTM - BOX, JACKET & EXT. PLES CS. A36 AND DESIGNATED WITH "C.S." ALL CORE PIPING WILL BE TYPE 304L PER DUPONT SPEC 4482 CODE P45 CORROSION EVALUATED PER SPEC 4498. OTHER 304L PIPE WILL BE COML. QUALITY. (CORR EVAL. NOT REQ'D) PER ASTM SPECS. FOR GRAYLOC CONNECTORS SEE M&E W.A.'S SEE 5-4-L FOR SW 328 - 5-6-L FOR P.D. W.S. SPEC. NO. ALL VALVES ARE SW SST SPEC. SS 5.1. (SW W.A.'S - 5.1.) △
2. WELDING: SST TO SST-SPEC. SW 17 W, CORE PIPING PER PIPE SPEC. SST TO CS - SPEC. SW 20.1 W (E 309 CR E 310 ELECTRODES)
3. FOR ARRANGEMENT SEE DWGS W. SK 3795-4 W SK 3953.
4. HYDROSTATIC TEST ALL CORE PIPE PER CODE 4482, P45.
5. CORROSION ALLOWANCE: NONE (EXCEPT PIPING TO BE PER PIPING SPECS.)
6. BREAK ALL SHARP EDGES.
7. DYE CHECK ALL PENETRATION WELDS THRU VALVE BOX, AND BOTTOM ℄ CLOSURE WELDS AND LIFTING TRUNNION & LUG WELDS. CHECK PIPING WELDS PER SPEC. 4482-P45
8. ROLLER SLOT TO BE CHECKED FOR SMOOTH ROLLER TRAVEL BEFORE FINAL ASSEMBLY.
9. HYDRO TEST BOX BY FILLING WITH WATER AND HOLDING FOR 24 HRS.
10. WEIGHTS SHOWN ARE APPROX; VENDOR TO WEIGH ITEM AND STAMP OR WELD ACTUAL WEIGHT IN LOCATIONS AS NOTED.
11. FABRICATION OF THE VALVE BOX AND JACKET PIPING TO BE IN ACCORDANCE WITH SPEC. SG55 AND CORE PIPING WITH SPEC. 4482-P45

D 199421	LAST REV. 23

M/F	TYPE	D 199421	LAST REV. 23
	27		

United Engineers & Constructors
A Raytheon Company
STEARNS CATALYTIC DIVISION PHILA. PA

DRAWN BY	R. BUNT	CONTRACT NO.	82GA-SC3
SCD. CHECKED	J. LEWIS		
SCD. APPROVED		DRAWING NO.	REV.

THIS DOCUMENT CONTAINS INFORMATION RELATING TO ACTIVITIES OF THE U.S. DEPARTMENT OF ENERGY NOT TO BE REPRODUCED OR RELEASED WITHOUT PRIOR APPROVAL.

DOE REVIEWED AT REV. DATE

SAVANNAH RIVER PLANT
BLDG 241F W328 F AREA
SALT REMOVAL TYPE III PH I
SINGLE VALVE - VALVE BOX
PROCESS DETAILS SH 1 △

PROJ NO.	REVISION	RVSD	CHKD	APPD	DATE
93291	23 DCS-85-3254-3705 (UE&C)				

PROJ NO.	REVISION	RVSD	CHKD	APPD	DATE
93291	14 ADDED VIEW "G-G"				
	15 ADDED SCREEN				
	16 ADDED TEMPORARY NOTE				
93291	17-19 ADDED SECTION K-K				
	18-20 ADDED DETAIL L				
	21-22 REDESIGNED SPRAY PIPE				
	— 6 SHIELD FOR FIELD CONSTR.				
93291	23 CHKD: SI WAS 90° 2¼ WAS 90°				
	2¾ WAS 30° 5" WAS 6"				
	6" SCH 40CS WAS 3" SCH 40 S				

PROJ NO.	REVISION	RVSD	CHKD	APPD	DATE
93291	1 DRAIN WAS AT 135°				
	2 ADDED NOTE 12				
93291	3 PROJECT WAS 93403				
	4-6 DELETED FLUSH LINES PER P&ID				
	7 ADDED DWG NO.				
	8 DRAIN WAS 3" SCH 40S PIPE				
	9 CORE PIPE WAS SCH 40S				
	10 REVISED DETAIL 'J'				
	11-12 ADDED SIZES & PARTS, D19941S-C&D				
	13 REVISED SECT. FF				

DWGS	STDS
W816375	SW 17 W
SPEC 4482 P45	SG 55
SPEC 4498	SW 20.1 W
W816375	SPEC 7757
D199442S	D 211766

TOLERANCES ON ALL DIMENSIONS, UNLESS OTHERWISE NOTED, TO BE:
DECIMALS: ANGLES ± 0°30' 1-PLACE ± 0.05 IN. FRACTIONS ± 1/16 2-PLACE ± 0.01 IN.

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PROJECT	95-3291-WSB499
SCALE	3/4" = 1'-0" & AS NOTED
DRAWN	T.M. MILLAN 5-1-86
CHECKED	J. RILEY 5-21-86
APPROVED-ENG	6/10/86
I.C.R.	4/11/86
APPROVED-FINAL	7-22-87

E. I. DU PONT DE NEMOURS & CO., INC.
WILMINGTON, DELAWARE
ENGINEERING DEPARTMENT
D 199421

W3286-W328/27

MICROGRAPHICS - I.R.M. DEPT. WESTINGHOUSE SAVANNAH RIVER SITE

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