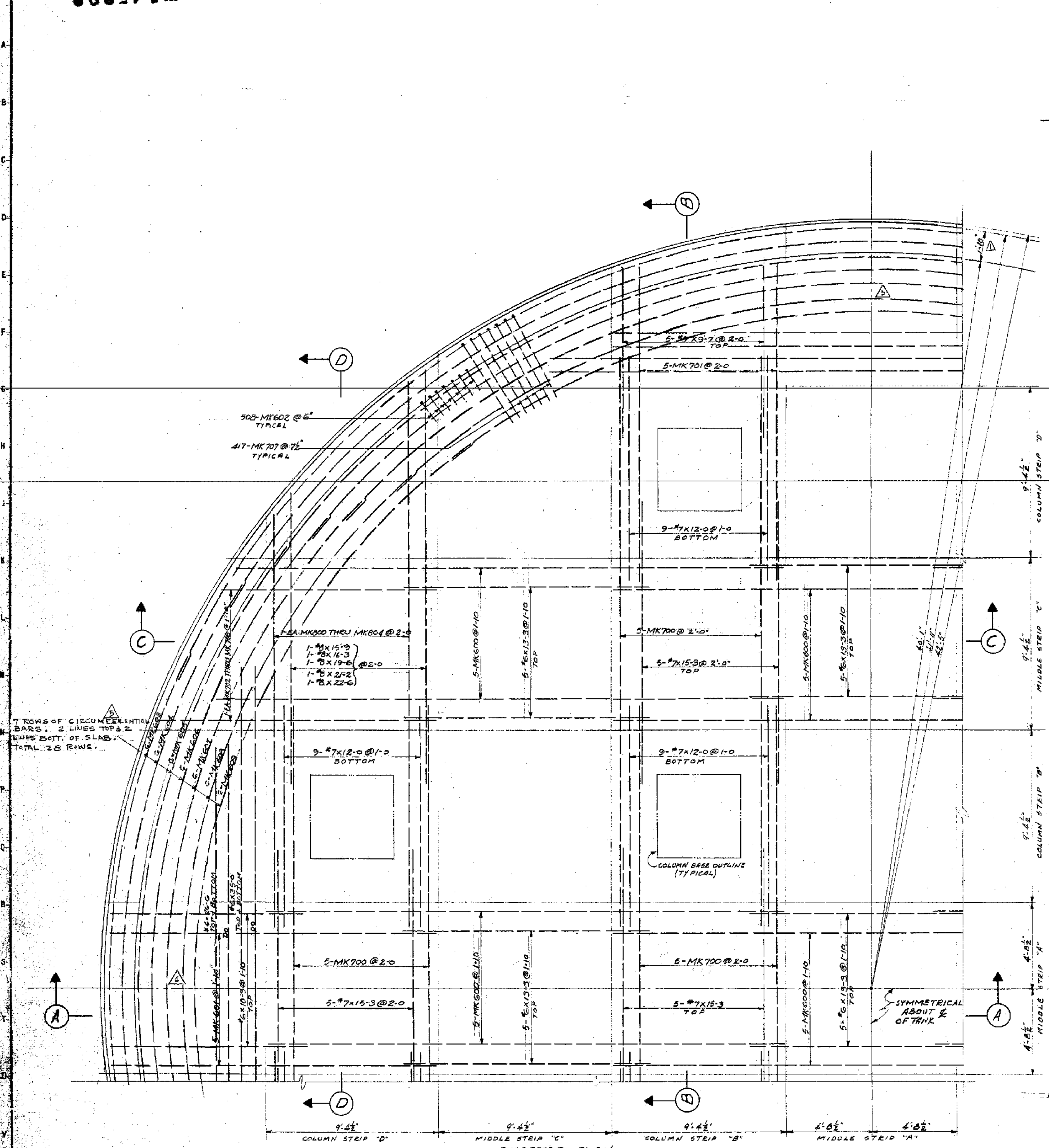
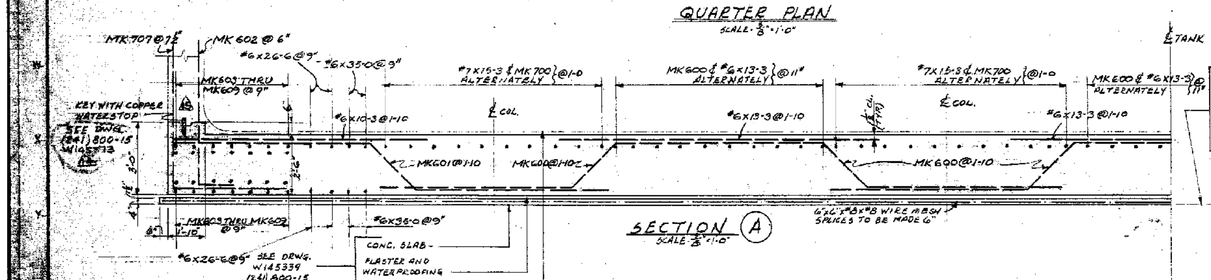
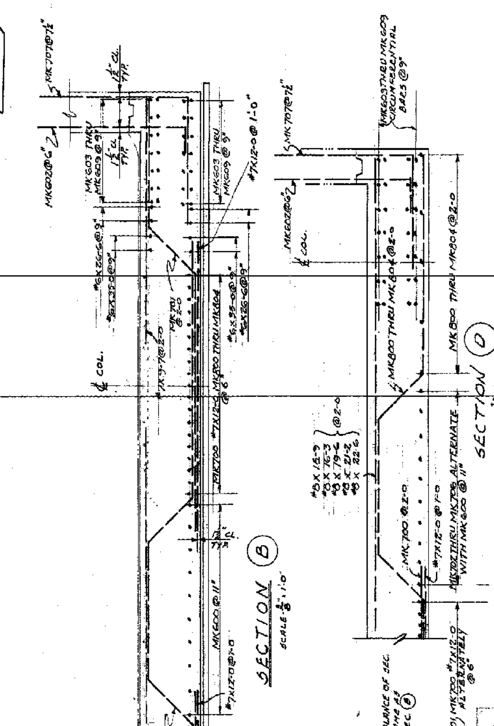
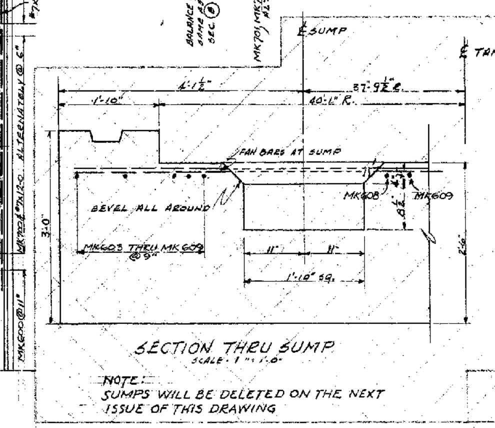
ANALYZE & MARK THIS PRINT FOR ALL SAFETY CONSIDERATIONS IN DESIGN OF CONSTRUCTION

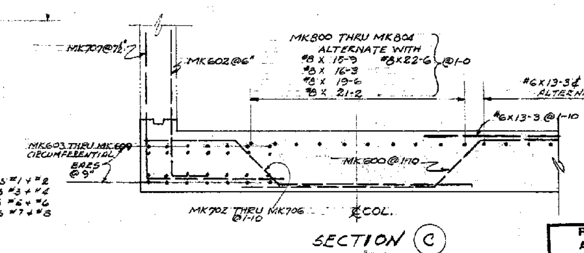
W145293











BAR BENDING SCHEDULE

TYPE 1 — TYPE 2 — TYPE 3 — TYPE 4

ALL DIMENSIONS ARE OUT TO OUT

MARK	NUMBER REQUIRED	SIZE #	TYPE	LENGTH	A	B	C	D	E	F	G	R	H	O
700	80	7	3	32'-6"			10'-8"	2'-11½"	5'-3"		10'-8"		2'-1"	30'-9"
	80	7	STR.	15'-3"										
	216	7	STR.	12'-0"										
701	40	7	4	18'-2½"				2'-11½"		10'-8"	4'-7"		2'-1"	17'-4"
	40	7	STR.	9'-7"										
600	90	6	3	30'-0"			8'-0"	2'-11½"	8'-1"		8'-0"		2'-1"	28'-3"
	90	6	STR.	13'-3"										
601	20	6	4	19'-7"				2'-11½"		8'-0"	7'-9"		2'-1"	17'-10"
	20	6	STR.	10'-3"										
800	8	8	3	22'-0"			10'-8"	2'-11½"	5'-3"		2'-3"		2'-1"	22'-3"
801	8	8	3	26'-3"			10'-8"	2'-11½"	5'-3"		4'-5"		2'-1"	24'-6"
802	8	8	3	28'-3"			10'-8"	2'-11½"	5'-3"		6'-5"		2'-1"	26'-6"
803	8	8	3	29'-10"			10'-8"	2'-11½"	5'-3"		8'-0"		2'-1"	28'-1"
804	8	8	3	31'-3"			10'-8"	2'-11½"	5'-3"		9'-6"		2'-1"	29'-6"
	8	8	STR.	15'-9"										
	8	8	STR.	16'-3"										
	8	8	STR.	19'-6"										
	8	8	STR.	21'-2"										
	8	8	STR.	22'-6"										
702	8	7	4	12'-10"				2'-11½"		8'-0"	1'-11"		2'-1"	12'-0"
703	8	7	4	13'-10"				2'-11½"		8'-0"	2'-11"		2'-1"	13'-0"
704	8	7	4	14'-10"				2'-11½"		8'-0"	3'-11"		2'-1"	14'-0"
705	8	7	4	15'-7"				2'-11½"		8'-0"	4'-8"		2'-1"	14'-9"
706	8	7	4	16'-3"				2'-11½"		8'-0"	5'-4"		2'-1"	15'-5"
602	508	6	2	9'-0"	2'-6"	6'-6"								
707	417	7	2	11'-6"	5'-0"	6'-6"								
	8	6	STR.	26'-6"										
	8	6	STR.	35'-0"										
603	24	6	1	45'-2"								41'-8"		
604	24	6	1	44'-4"								40'-11"		
605	24	6	1	43'-7"								40'-2"		
606	24	6	1	42'-9"								39'-5"		
607	24	6	1	42'-0"								38'-8"		
608	24	6	1	41'-2"								37'-11"		
609	24	6	1	40'-5"								37'-2"		
	6470 SQ. FT. OF		6"x6"x#8x#8 WIRE MESH											

NOTE: REINFORCING SHOWN ABOVE IS FOR ONE TANK

12 TANKS REQUIRED

NOTES:
FOR CONCRETE DESIGN NOTES, SEE DWG. W-145225 (241) 800-5
FOR GENERAL NOTES, SEE DWG. W-145339 (241) 800-15
FOR LOCATION PLAN, SEE DWG. W145241 (241) 800-17

BAR PLACING ORDER:
1- PLACE CIRCUMFERENTIAL BARS AND BARS 827 + 828 IN BOTTOM OF SLAB
2- PLACE DOWELS MARKED 825
3- PLACE DOWELS MARKED 826
4- PLACE CIRCUMFERENTIAL BARS AND BARS 827 + 828 IN TOP OF SLAB
5- PLACE ALL MIDDLE STRIPS IN ONE DIRECTION ONLY - BENT BARS + STRAIGHT BARS
6- PLACE REMAINING MIDDLE STRIPS - BENT BARS + STRAIGHT BARS
7- PLACE ALL COLUMN STRIPS IN ONE DIRECTION ONLY - BENT BARS + STRAIGHT BARS
8- PLACE REMAINING COLUMN STRIPS - BENT BARS + STRAIGHT BARS

ALL MARKED BARS SHALL HAVE THE PREFIX 'X'.

HORIZONTAL BAR LAPS ARE AS FOLLOWS:
#5 - 1'-3"
#6 - 1'-6"
#7 - 1'-8"
#8 - 1'-11"

UNCLASSIFIED
DOES NOT CONTAIN
UNCLASSIFIED CONTROLLED
NUCLEAR INFORMATION
ADC & RO: C.J. Banick Date: 8/9/93
C.J. Banick, Asst. Class. Off.

ENGINEERING DOC. CONTROL – SRS
00236201

[redacted]

W145293

[redacted]

CHEMICAL PLANTS DIVISION
OF BLAW-KNOX CONSTRUCTION CO., PITTSBURGH, PA.

CONTRACT NO.	B-K DRAWING NO.	REV.
BKC-3555	(241) 800-16	16

APPROVED BY	APPROVAL DATE
RANSONE	7-11-51
GREINER	7-12-51
C.H. MARINO	7-16-51
P.L. SMITH	7-13-51
W.F. O'NEILL	7-16-51

SAVANNAH RIVER PLANT
200 AREA
WASTE STORAGE TANKS 241 F&H
BOTTOM SLAB - PLAN, SECTIONS + DETAILS
CONCRETE

RMD REVIEWED AT REV. 16 DATE 8-17-89

[redacted]

PROJ. NO.	REVISIONS	REVISED BY DATE	CHECKED BY DATE
8980	1 DIM. WAS 1 ft 6 in	A.J.T. 8-15-51	F.M.S. 8-15-51
8980	2 DELETE SECTION THRU SUMP	J.W.S. 8-17-51	A.R.B. 8-21-51
8980	3 & 4 REMOVE SUMP	J.W.S. 8-17-51	A.R.B. 8-21-51
8980	5 NOTE WAS: 7 ROWS (TOP & BOTTOM)	R.G.M. 8-23-51	A.J.T. 8-21-51
8980	6 ADDED NOTE	R.G.M. 8-23-51	A.J.T. 8-27-51
8980	7 TO 13 NUMBER REQUIRED WAS 12	R.G.M. 8-23-51	A.J.T. 8-27-51
8980	14 ADDED REF. FOR WATERSTOP	V.S. 8-30-51	A.J.T. 8-30-51
8980	15 CHANGED WATERSTOP DETAIL	V.S. 8-30-51	A.J.T. 8-31-51
8980	16 ADDED NORTH ARROW	V.S. 9-4-51	A.J.T. 9-4-51

REFERENCE DRAWINGS	
W145241 (241) 800-17	EXCAVATION PLAN + SECTIONS
W145225 (241) 800-5	DESIGN OF CONC. TANK
W145373 (241) 800-15	GENERAL ARRANGE. + CONSTRUCTION DET.

PROJ. NO. 8980
SCALE AS NOTED
DRAWN BY A.R. BEDNAR 7-5-51
CHECKED BY F.M. SMITH 7-11-51
APPROVED BY C.W. Bengston 9-4-51
APPROVED BY W.C. Wiseman 9-4-51
ENGINEERING DEPARTMENT

W145293

(241F) DWG. SCH. PAGE 401 LINE 3
(241H) PAGE 401 LINE 5