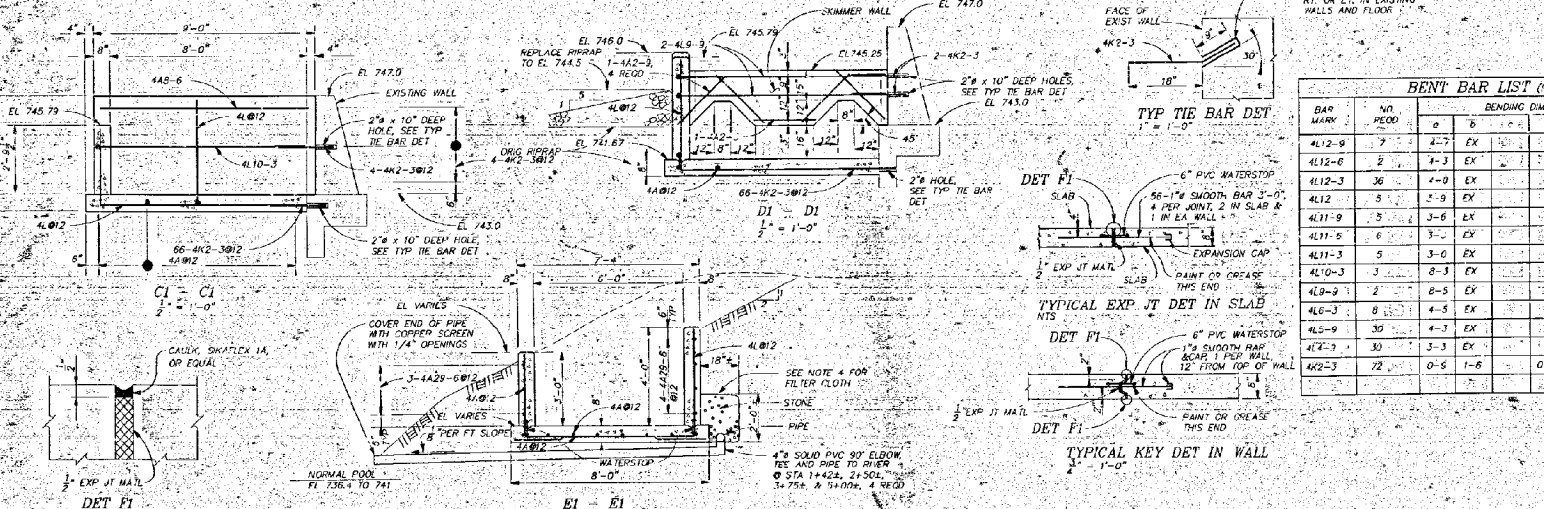
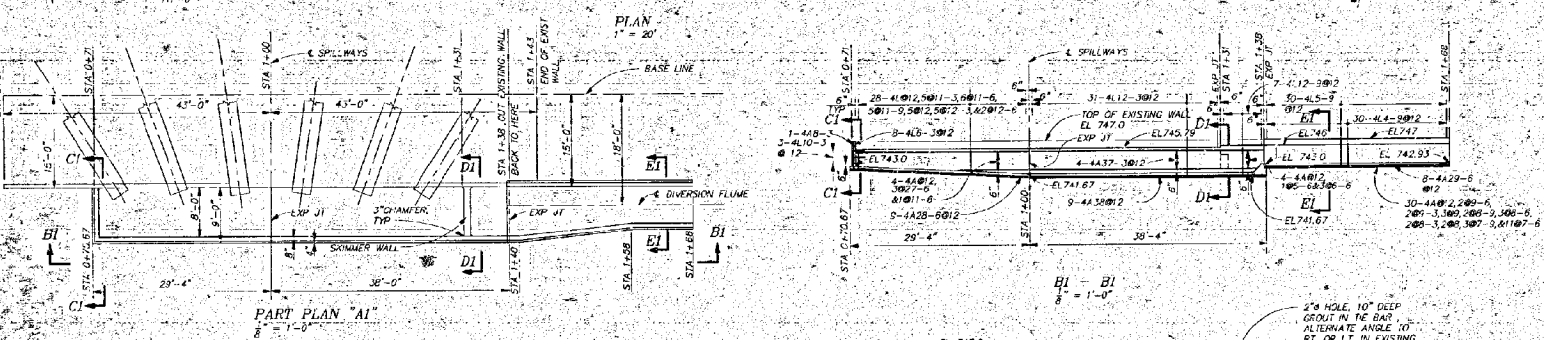


- KEY PLAN**  
SCALE = 1" = 40'
- NOTES**
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH GENERAL CONSTRUCTION SPECIFICATION NO. 1-1 UNLESS OTHERWISE NOTED.
  - CLEARING AND GRUBBING SHALL CONFORM TO SECTION 101.
  - ALL UNSUITABLE MATERIAL (TOPSOIL, VEGETATION, ROOTS, AND STUMPS) SHALL BE REMOVED FROM THE AREA WHERE EMBANKMENTS ARE TO BE CONSTRUCTED. FILL SHALL BE UNCLASSIFIED MATERIAL AND SHALL BE PLACED IN APPROXIMATELY 6" LAYERS AND COMPACTED WITH HAULING EQUIPMENT. UNCLASSIFIED EXCAVATION SHALL CONFORM TO SECTION 120. DORROW SHALL CONFORM TO SECTION 123.
  - CLASS B FILTER CLOTH CONFORMING TO THE REQUIREMENTS OF SECTION 571 SHALL BE PLACED BETWEEN THE UNDERDRAIN STONE AND ALL ROCK OR COIL INTERLACES. UNDERDRAIN SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 500 & 10B1.
  - RIP RAP SHALL CONFORM TO SECTION 100B.
  - THE EMBANKMENT BETWEEN STA 0+80 & STA 6+80 SHALL BE COVERED WITH A MINIMUM OF 4" OF TOPSOIL THAT CONFORMS TO SECTION 130. CUT AND FILL SLOPES AND OTHER DISTURBED AREAS SHALL BE SEEDED (TYPE B MIXTURE 1 OR TYPE B MIXTURE 2) FERTILIZED, AND MULCHED IN ACCORDANCE WITH SECTIONS 380 & 580 RESPECTIVELY.
  - CONCRETE SHALL BE 3025 AFTY PLACED IN ACCORDANCE WITH GENERAL CONSTRUCTION SPECIFICATIONS 0-2.
  - STEEL REINFORCING SHALL BE IN ACCORDANCE WITH SECTION 125. GRADE 60 REINFORCING BARS SHALL BE PLACED IN A CONTINUOUS LEFT IN SECTIONS BOUND BY EXPANSION JOINTS.
  - ALL EXPOSED CONCRETE WALL SURFACES AND FLUME SURFACES SHALL BE SMOOTH.
  - ALL EXPANSION JOINTS SHALL BE GROoved BY 12 RICH HEAVY DUTY WATER STOP AS MANUFACTURED BY TELY-BRAB' OR EQUAL.
  - CHAMFER ALL EXPOSED EDGES 3/4" UNLESS OTHERWISE NOTED.
  - DRILLED HOLES SHALL BE CLEANED OF ALL DRILLING RESIDUE, OIL, AND FINES STANDING WATER. FIVE STAR OR EQUAL SHALL BE USED TO LABEL THE REBAR AS SHOWN. THE OROUT IS TO BE PLACED IN THREE EQUAL 1' VENTS WITH THE REBAR SPACED BENEATH LAYERS.
  - THE BARS - FLAN BARS ONE INCH DIA. 36" LONG, WITH ONE END PAINTED.
  - FOR LIST OF MATERIAL SEE 10W419-2.



**BENT BAR LIST (PART PLAN A1)**

BAR MARK	NO REOD	BENDING DIMENSIONS							
		a	b	c	d	e	f	g	
4L12-9	7	2-7	EX						
4L12-6	2	4-3	EX						
4L12-3	36	4-0	EX						
4L12	5	5-9	EX						
4L11-9	5	3-6	EX						
4L11-5	6	3-0	EX						
4L11-3	5	3-0	EX						
4L10-3	3	8-3	EX						
4L8-9	2	8-5	EX						
4L6-3	8	4-5	EX						
4L5-9	30	4-3	EX						
4L7-3	30	3-3	EX						
4K2-3	72	0-5	1-6	0-5					

SCALE: NONE EXCEPT AS NOTED

**ASH POND DIKE**

**CONCRETE DIVERSION FLUME OUTLINE & REINFORCING SH. 1 OF 3**

**KINGSTON FOSSIL PLANT**  
TENNESSEE VALLEY AUTHORITY

REV	DATE	ISSUE	BY	CHKD	APPV	NOV	ISSD	EX. COMMENT
1								

NO.	REVISION	DATE	BY	CHKD	APPV	NOV	ISSD	EX. COMMENT
1	DESIGNED	2-2-74						
2	CHECKED	2-2-74						
3	APPROVED	2-2-74						

ENGINEERING DATE: 2-2-74

ISSUED BY: J. H. Cowling

SCALE: NONE EXCEPT AS NOTED

36 C 10 W 419-1 R 0

CAD SYSTEM ORIGINAL  
DO NOT CHANGE MANUALLY