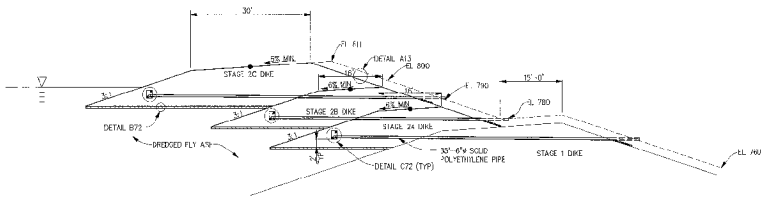
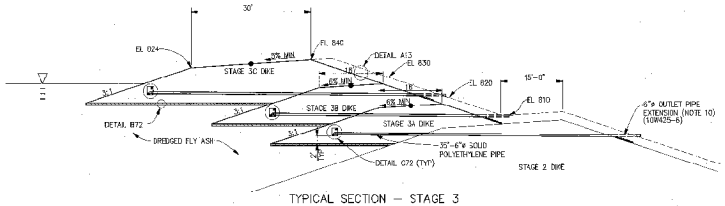
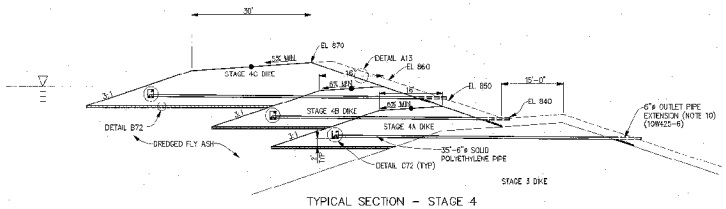


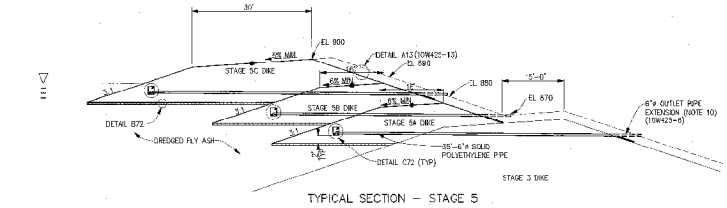
TYPICAL SECTION – STAGES 1&2



TYPICAL SECTION – STAGE 3

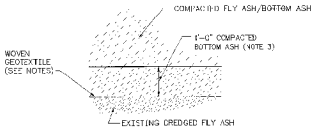


TYPICAL SECTION – STAGE 4



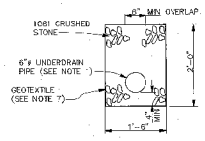
TYPICAL SECTION – STAGE 5

DETAIL A72 – ASH DIKES



DETAIL B72
BENDING DETAIL

NOTES:
1. WOVEN GEOTEXTILE SHALL BE CLASS C IN ACCORDANCE WITH SECTION 571.
2. OMIT WOVEN GEOTEXTILE IF A SUITABLY FIRM BASE EXISTS.
3. BOTTOM ASH THICKNESS MAY BE INCREASED OR DECREASED AS REQUIRED TO OBTAIN REQUIRED COMPACTION.



DETAIL C72
PERIMETER DRAIN
1" = 1'-0"

NOTES:
1. FOR NOTES, SEE 10W425-F.
2. PLACE AND COMPACT ASH DIKES IN ACCORDANCE WITH THE QA/QC PLAN.
3. ELEVATION SHOWN ARE TYPICAL NOMINAL ELEVATIONS. ACTUAL ELEVATIONS WILL VARY AS SHOWN ON FINAL GRADING PLAN ON DRAWING 10W425-XXX.
4. PERFORATED DRAIN PIPE SHALL BE NEW MATERIAL & SHALL BE SLOTTED HDPE DRAIN TUBING AS MANUFACTURED BY ADVANCED DRAINAGE SYSTEM (ADS) OR APPROVED EQUAL. SOLID OUTLET PIPE SHALL BE NON-PERFORATED PIPE BY SAME MANUFACTURER. PIPE SHALL BE JOINED BY COUPLINGS MANUFACTURED BY ADS, OR EQUAL.
5. LATERAL OUTLET PIPE SHALL BE NON-PERFORATED POLYETHYLENE CORRUGATED TUBING AS MANUFACTURED BY ADVANCED DRAINAGE SYSTEMS, INC., COLUMBUS, OHIO (614) 457-3051 OR EQUAL.
6. LATERAL OUTLET PIPES SHALL BE PLACED EVERY 200 FEET ON CENTER.
7. GEOTEXTILE SHALL BE A WOVEN MONOFILAMENT WITH AN APPARENT OPENING SIZE (AOS) SELECTED BY TVA FES (US STANDARD SIEVE SIZE) WHEN TESTED IN ACCORDANCE WITH ASTM D 4751. THE GEOTEXTILE SHALL BE GEOTEX 104F AS MANUFACTURED BY SYNTHETIC INDUSTRIES OR APPROVED EQUAL.

REV	DESCRIPTION	BY	CHK	APP	DATE
R.0	ISSUED FOR DREDGE CELL EXPANSION	DRS	JLM	WPT	8/6/97

SCALE: 1"=10' EXCEPT AS NOTED

YARD

DREDGE CELL EXPANSION
TYPICAL SECTIONS– FLY ASH OPTION
STAGES 1–5

DRAWN BY	DRAWN BY	CHECKED BY	SUPERVISED BY	ENGINEER IN RESPONSIBLE CHARGE	APPROVED BY	ISSUED BY
D.R. SMITH	J.L. MILES	W.P. TAYLOR	H.L. PETTY	R.E. PURKEY	J.G. ADAIR	

KINGSTON FOSSIL PLANT
TENNESSEE VALLEY AUTHORITY
FOSSIL AND HYDRO ENGINEERING

AUTOCAD R14	SIZE	DRAWING NO.	REV
	D	10W425-72	R.0

PARSONS | 0
TASK COMPLETED BY: | REV NO.

PLOT FACTOR:1=1
W_TVA

C.A.D. DRAWING
DO NOT ALTER MANUALLY

TVA-00014021