



LEGEND

- EXISTING GROUND CONTOUR
- SPOT ELEVATION
- EXISTING PAVED ROAD
- EXISTING UNPAVED ROAD
- EXISTING INRELINE
- EXISTING OVERHEAD ELECTRICAL TOWER
- LIMIT OF GYPSUM DISPOSAL AREA
- BOTTOM OF GEOLOGIC BUFFER CONTOUR (1')
- FINISHED GRADE CONTOUR (FT)

NOTES:
 1. THE TOPOGRAPHIC MAP SHOWN ON THIS DRAWING WAS COMPILED USING PHOTOGRAMMETRIC METHODS PERFORMED BY TVA, BASED ON AN AERIAL PHOTOGRAPH TAKEN IN NOVEMBER 1951. GRID COORDINATES CORRESPOND TO THE 1927 DATUM. ELEVATIONS ARE IN FEET ABOVE MEAN SEA LEVEL. NATIONAL GEODESIC DATUM (NAD83) 1983.
 2. GRADES SHOWN ON THIS DRAWING INDICATE INITIAL CONSTRUCTION OF EARTHEN STARTER DIKES AND BOTTOM OF CLAY LINER.
 3. ALL SLOPES ARE 3H:1V UNLESS OTHERWISE NOTED.

DATE	REVISION	BY	FOR
MARCH 2006	1	JAS	REV
SCALE: 1" = 100'			
PHASE I INITIAL GRADING PLAN AND SOIL DIKES			
COAL-COMBUSTION BY-PRODUCT (GYPSUM) DISPOSAL FACILITY			
DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY
T.Y. ELADY	J.H. SPEED	R.K. DAVES	H.L. PETTY
KINGSTON FOSSIL PLANT TENNESSEE VALLEY AUTHORITY FOSSIL AND FUELS ENGINEERING			
PROJECT NO.	DRAWING NO.	DATE	SCALE
36 C	10W427-4	MARCH 06	1:1

GEOSYNTEC CONSULTANTS, INC. 0
 TASK COMPLETED BY: _____
 REV. NO. _____
 PLOT FACTOR: 1:1
 C.A.D. DRAWING
 DO NOT ALTER MANUALLY

**PHASE I
(51.24 ACRES)**

20-FT WIDE PUBLIC
ACCESS ROAD/BIKE TRAIL

LOWEST POINT
ON INITIAL DIKE
768.28 ELEV

100' X 10' DIA. CUP SURFACE WATER
DIVERSION PIPE (CONSTRUCTED)
BENEATH STORMWATER POND

STORM WATER POND
(6.82 ACRES)

DROP INLET

LIMIT OF GYPSUM
DISPOSAL AREA

36 C 10W427-4