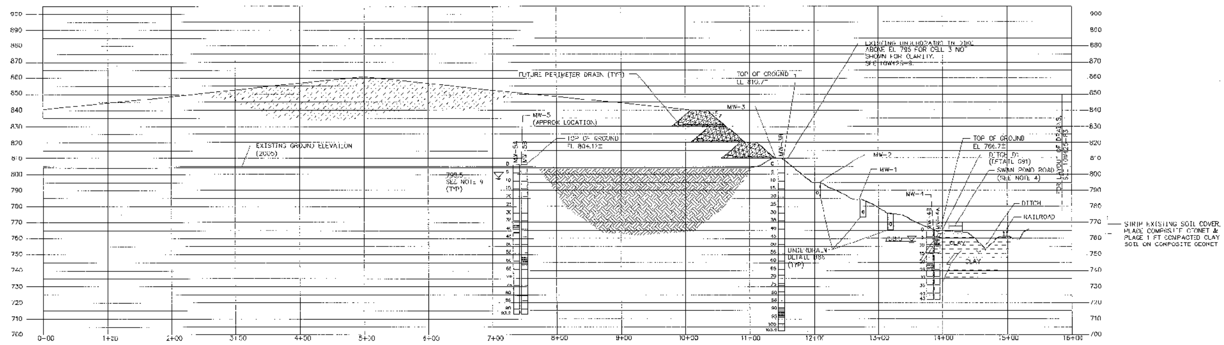
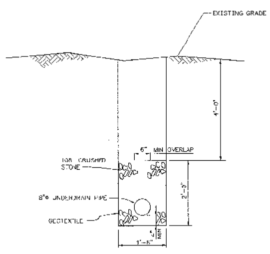
35 C 10W425-88



SECTION A88

SCALE: HORIZONTAL: 1" = 30'
VERTICAL: 1" = 20'



DETAIL B88

PERIMETER UNDERDRAIN
SCALE: 1" = 1'-0"

NOTES:

1. FOR DRAWINGS LIST AND LEGEND SEE 10W425-81.
2. FOR GENERAL NOTES SEE 10W425-26. FOR CONSTRUCTION NOTES, SEE 10W425-83.
3. BETWEEN EL 760 & 775, STRIP EXISTING 1'-0" SOIL COVER WITHIN THE LIMITS SHOWN ON DRAWINGS 10W425-83 THRU 10W425-86, PRIOR TO INSTALLING FINAL COVER. STOCK PILE SOIL AND REUSE AS RANDOM FILL VEGETATIVE LAYER FOR FINAL COVER.
4. DETAIL DEPICTS SECTION THROUGH EXISTING DREDGE CELL'S ADJACENT TO SWAN POND ROAD. BASE ELEVATION OF DREDGE CELL VARIES.
5. UNDERDRAINS ARE NOT REQUIRED FOR EXISTING DIKE CONSTRUCTED FOR DREDGE CELL 2.
6. LATERAL OUTLET PIPE SHALL BE NON-PERFORATED POLYETHYLENE CORRUGATED TUBING AS MANUFACTURED BY ADVANCED DRAINAGE SYSTEMS, INC., COLUMBUS, OHIO (614) 457-3051 OR EQUAL.
7. LATERAL OUTLET PIPES SHALL BE PLACED EVERY 200 FEET ON CENTER, AT LOW POINTS. FOR PROFILE OF DRAINS, SEE 10W425-94.
8. GEOTEXTILE USED FOR UNDERDRAIN 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.
9. WATER LEVELS SHOWN ARE THOSE EXISTING AFTER MW DEVELOPMENT.

— SCREENING FOR BORE HOLE CONVERTED TO MW.

INITIAL ISSUE TO INCORPORATE DCN KIF-05-1090-010

SCALE: 1" = 50' EXCEPT AS NOTED

YARD

DREDGE CELL
DIKE RESTORATION
SECTION & DETAIL — SHEET 1

KINGSTON FOSSIL PLANT
TENNESSEE VALLEY AUTHORITY
FOSSIL AND HYDRO ENGINEERING

AUTOCAD R2000 | 35 | C | 10W425-88 | R 0

PLOT FACTOR:600
W_TVA

C.A.D. DRAWING
DO NOT ALTER MANUALLY

TVA-00014046