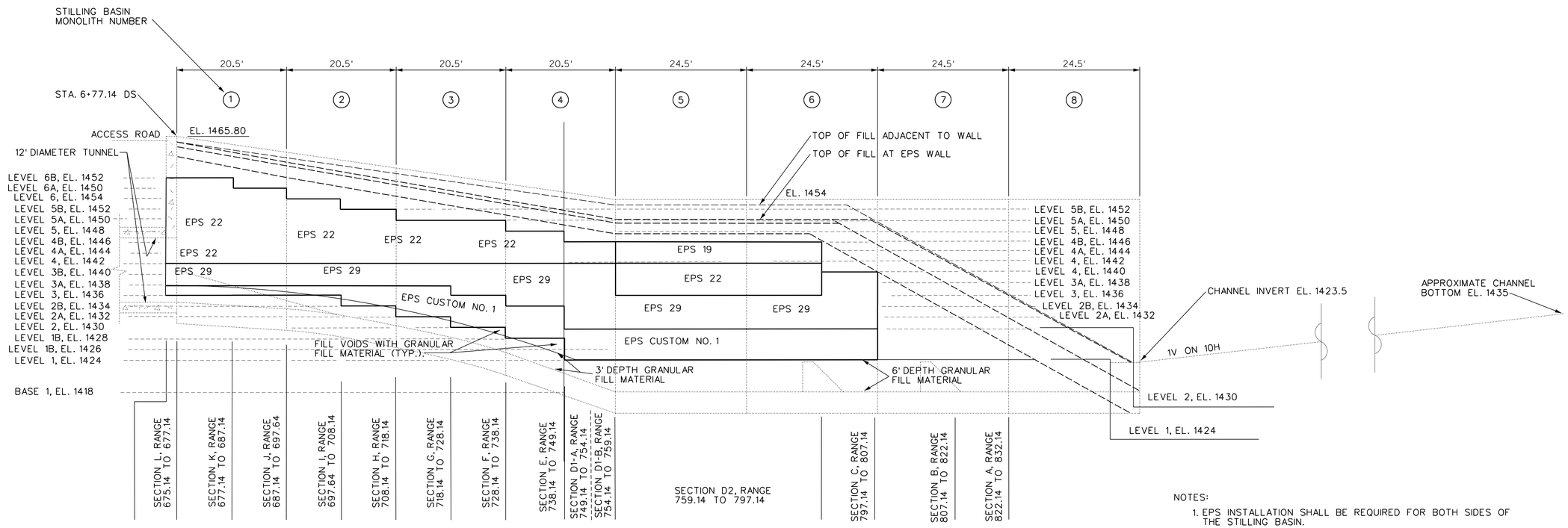
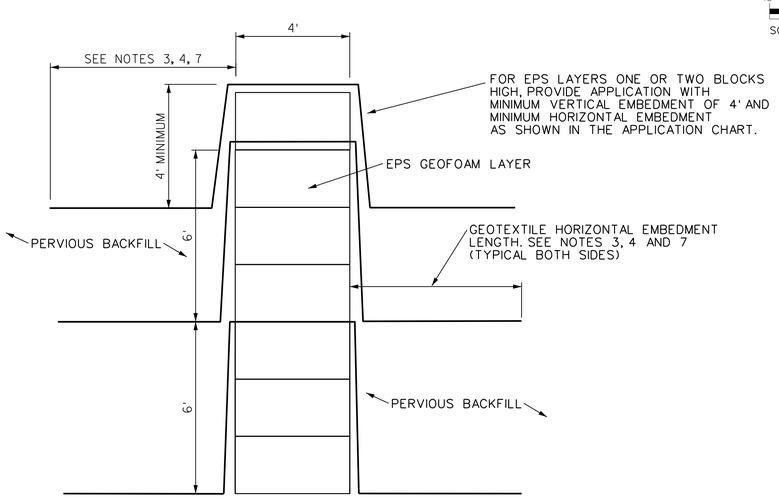


PROFILE RIGHT - EPS INSTALLATION

SCALE: 1" = 10'-0"

10' 0 10' 20'

SCALE IN FEET



GEOTEXTILE INSTALLATION DETAIL

NOT TO SCALE

NOTES:

1. EPS INSTALLATION SHALL BE REQUIRED FOR BOTH SIDES OF THE STILLING BASIN.
2. CHANGES TO EPS TYPE, ELEVATION AND LOCATION WITHIN A MONOLITH ARE MADE AT THE RANGE INDICATED.
3. THE REQUIRED EPS TYPE AND THICKNESS BY LEVEL AND SECTION IS AS DEPICTED ON "PROFILE RIGHT - EPS INSTALLATION", THIS SHEET. GEOTEXTILE ANCHORING SHALL BE APPLIED AT INTERVALS SHOWN IN THE GEOTEXTILE EMBEDMENT LENGTH TABLE, SHEET C-13.
4. REQUIRED VERTICAL LENGTH FOR GEOTEXTILE FLOTATION ANCHORING IS 6' FOR EPS LAYERS 6' THICK AND 4' FOR LAYERS LESS THAN 6' THICK. HORIZONTAL EMBEDMENT LENGTH IS AS SHOWN IN THE GEOTEXTILE EMBEDMENT LENGTH TABLE ON SHEET C-13. SEE SPECIFICATION SECTION 07241
5. PLACE BACKFILL EQUALLY ON BOTH SIDES OF EPS WALL. HEIGHT OF BACKFILL DIFFERENTIAL BETWEEN EACH SIDE OF WALL SHALL NOT EXCEED 2 FEET VERTICALLY.
6. GEOTEXTILE SHALL BE SPLICED BY OVERLAPPING A MINIMUM OF 2' WHEN CHANGING ROLLS.
7. GEOTEXTILE SHALL BE ONE PIECE PERPENDICULAR TO THE EPS WALL.
8. ALL EPS BLOCKS MUST BE RESTRAINED BY GEOTEXTILE TIE DOWN FABRIC.

US Army Corps of Engineers
Kansas City District

Symbol	Description	Date	Appr.

Designed by: H.T.Y.
Date: APRIL 2004
Rev.
Dwn by: H.T.Y.
Ckd by: R.S.K.
Design file no. E-1-1665
Drawing code:
Reviewed by:
Submitted by: D.L.M.
File name: W1WC014.DGN
Plot date:
Plot scale: 10:1

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
KANSAS CITY, MISSOURI

SALINE RIVER, KANSAS
WILSON LAKE
STILLING BASIN WALL REPAIR

OPTION 2 - EPS WALLS PROFILE, SECTIONS AND DETAILS

Sheet reference number:
C-14