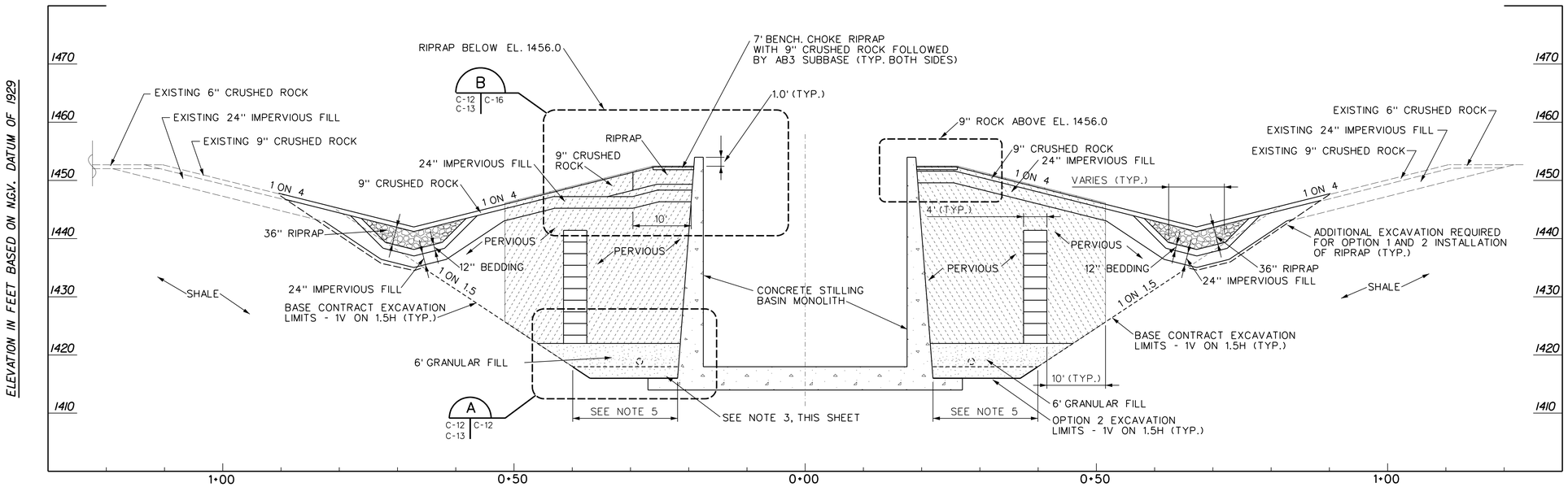

OPTION 2 - TYPICAL SECTION - BACKFILL DETAILS

10' 0 10' 20'
SCALE IN FEET
(VERTICAL AND HORIZONTAL)

NOTES:

1. CROSS SECTION SHOWN LOOKING DOWNSTREAM.
2. REPLACE EXISTING 12" DIA. CMP DRAIN PIPE WITH 12" SLOTTED DRAIN PIPE, BOTH SIDES OF STILLING BASIN. SEE SPECIFICATION SECTION 13280 FOR ASBESTOS WORK REQUIREMENTS.
3. ADDITIONAL EXCAVATION IS REQUIRED FOR OPTION 2.
4. EXISTING DRAIN SHALL NOT BE REMOVED UNTIL ALL MATERIALS FOR NEW DRAIN ARE ON SITE.
5. EXCAVATION UNDER BASE CONTRACT SHALL BE TO TOP OF GRAVEL FILTER MATERIAL, WITH 18 FT HORIZONTAL CLEARANCE FROM FACE OF WALLS, AND 1' ON 1.5' LAYBACK.
6. EXCAVATION AND BACKFILL ON EACH SIDE OF THE STILLING BASIN SHALL BE CONDUCTED IN A BALANCED MANNER WITH RESPECT TO THE OPPOSITE SIDE OF THE STILLING BASIN. ELEVATIONS ON ONE SIDE SHALL BE MAINTAINED WITHIN 4' OF THE ELEVATION OF THE OPPOSITE SIDE OF THE STILLING BASIN.

LEGEND

AREA RESTRICTED. NO EXCAVATION OR HAUL EQUIPMENT TRAFFIC ALLOWED.

EPS (GEOFOAM BLOCK) WALL SYSTEM

GEOTEXTILE ANCHOR HORIZONTAL EMBEDMENT LENGTHS - FEET

LEVEL	SECTION C HORIZONTAL EMBEDMENT LENGTH	SECTION D2 HORIZONTAL EMBEDMENT LENGTH	SECTION D1 HORIZONTAL EMBEDMENT LENGTH	SECTION E HORIZONTAL EMBEDMENT LENGTH	SECTION F HORIZONTAL EMBEDMENT LENGTH	SECTION G HORIZONTAL EMBEDMENT LENGTH	SECTION H HORIZONTAL EMBEDMENT LENGTH	SECTION I HORIZONTAL EMBEDMENT LENGTH	SECTION J HORIZONTAL EMBEDMENT LENGTH	SECTION K HORIZONTAL EMBEDMENT LENGTH	SECTION L HORIZONTAL EMBEDMENT LENGTH
6											6
5B										8.5	8.5
5A								8	8		
5							12	12	12	12	12
4A						3.5					
4				10	10	10	10	10	5	5	5
3A		6.5	6.5								
3	9	9	9	9	9	9					
2	7.5	7.5	7.5								

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-1-1664
Drawing code:
Reviewed by:
Submitted by: D.L.M.
File name: WWC013.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 - TYPICAL CROSS SECTION AND GEOTEXTILE SCHEDULE

Sheet reference number:
C-13