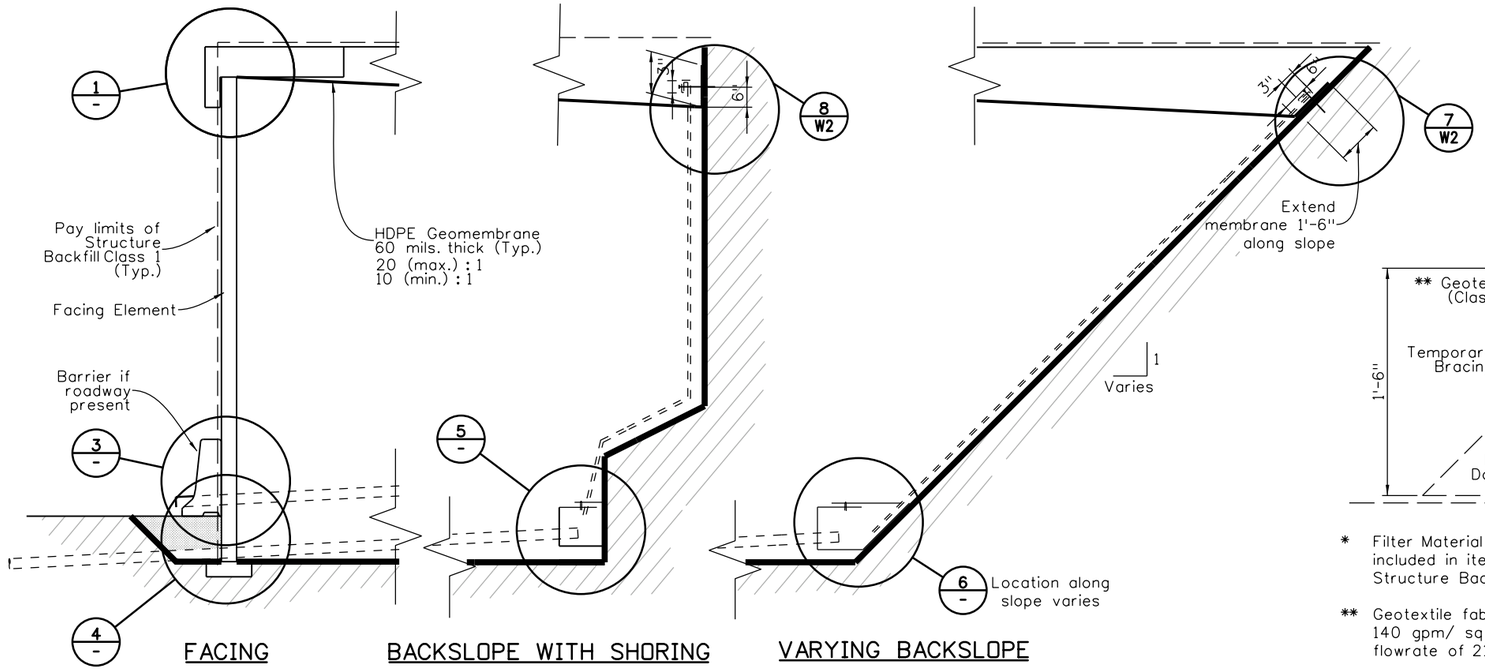
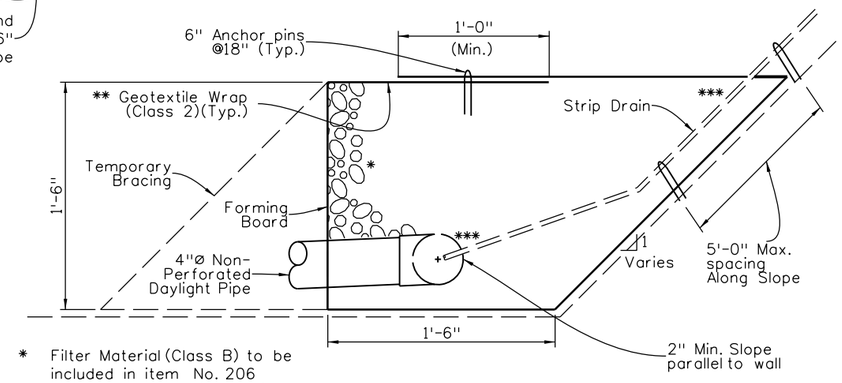
B-504-W1



FACING BACKSLOPE WITH SHORING VARYING BACKSLOPE

NOTES:

1. Drain and waterproofing membrane shall be fully functional with positive slope and outlet passage.
2. The Contractor shall provide site specific geomembrane and top soil reinforcement layout if conflict occurs and working drawing submittal is required.
3. The Contractor, as approved by the Engineer, may raise the location of the daylight drain pipe as appropriate.



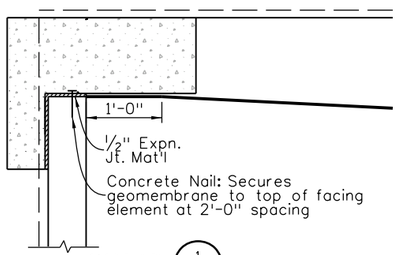
* Filter Material (Class B) to be included in item No. 206 Structure Backfill (Class 1).

** Geotextile fabric flow rate = 140 gpm/ sq ft (min.) and core flowrate of 21 gpm/ft (min.)

***Cut 12" wide slot and insert strip drain into 4"Ø pipe and pass through geotextile filter material

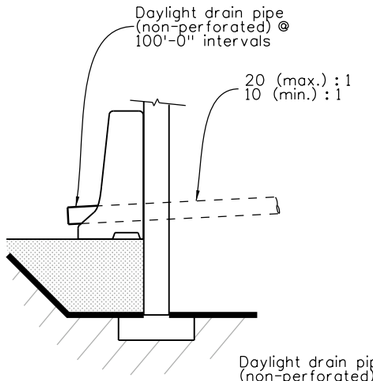
DETAIL 6 -

Drain Detail
For Varying Backslope



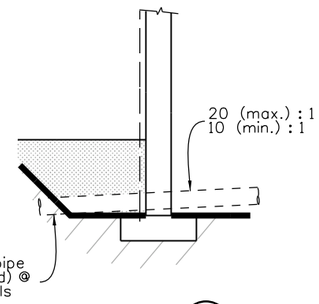
DETAIL 1 -

Top of facing element varies
Geomembrane nailed to facing element



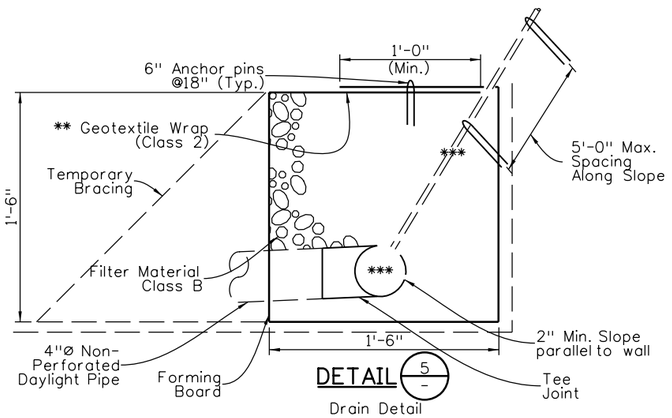
DETAIL 3 -

Used if roadway present



DETAIL 4 -

Used if no roadway present



DETAIL 5 -

Drain Detail
For Backslope With Shoring

Design	INITIAL	DATE	Detail	INITIAL	DATE	Quantities	INITIAL	DATE
Designed By			Detailed By			Quantities By		
Checked By			Checked By			Checked By		

Revision Dates (Preliminary Stage Only): 09-16

nguyenh 9:19:01 AM C:\Users\nguyenh\Desktop\Worksheet dgn and PDF\Sheet_B-504-W1.dgn

Print Date: 9/6/2016	Sheet Revisions		
File Name: Sheet_B-504-W1.dgn	Date:	Comments	Init.
Horiz. Scale: NTS Vert. Scale: As Noted			
Staff Bridge Branch-Unit OXXX Unit Leader Initials			

Colorado Department of Transportation
4201 East Arkansas Avenue
Room 107
Denver, CO 80222
Phone: 303-757-9309 FAX: 303-757-9197
Staff Bridge Branch Initials

As Constructed	DRAIN AND WATERPROOFING MEMBRANE DETAILS			Project No./Code
No Revisions:				Project Number
Revised:	Designer: XXXXXXXX	Structure Numbers	WALL-X-XX-XX	Code
Void:	Detailer: XXXXXXXX		WALL-X-XX-XX	
	Sheet Subset: Wall	Subset Sheets: WXX of XX		Sheet Number