

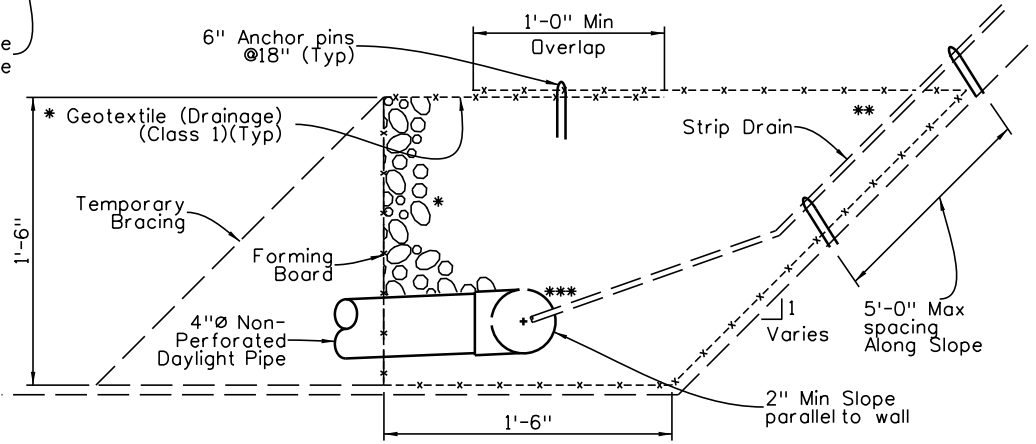
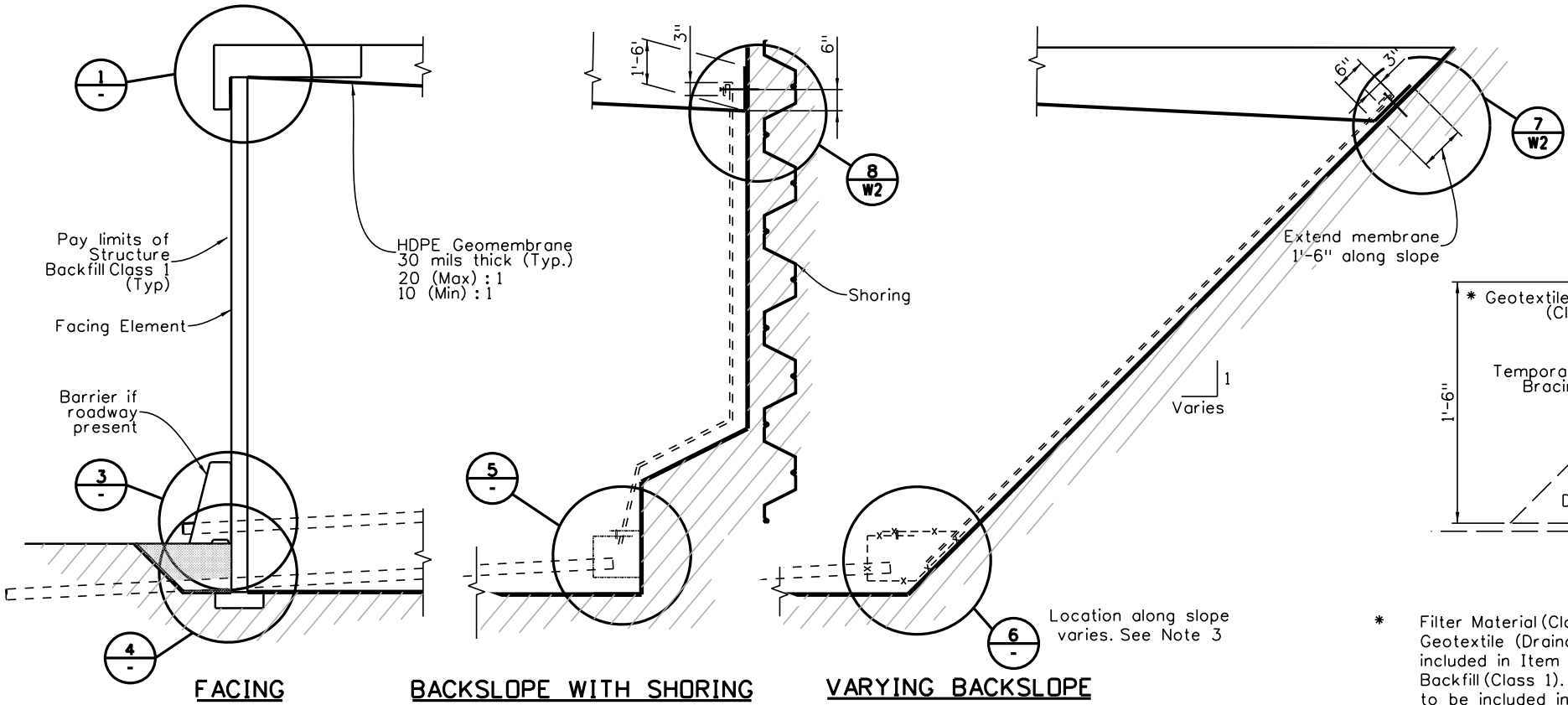
Revision Dates
09-16
10-24

INITIALS	DESIGN	DATE	DETAIL	DATE	QUANTITY	DATE
By						
Checked By						

B-504-W1

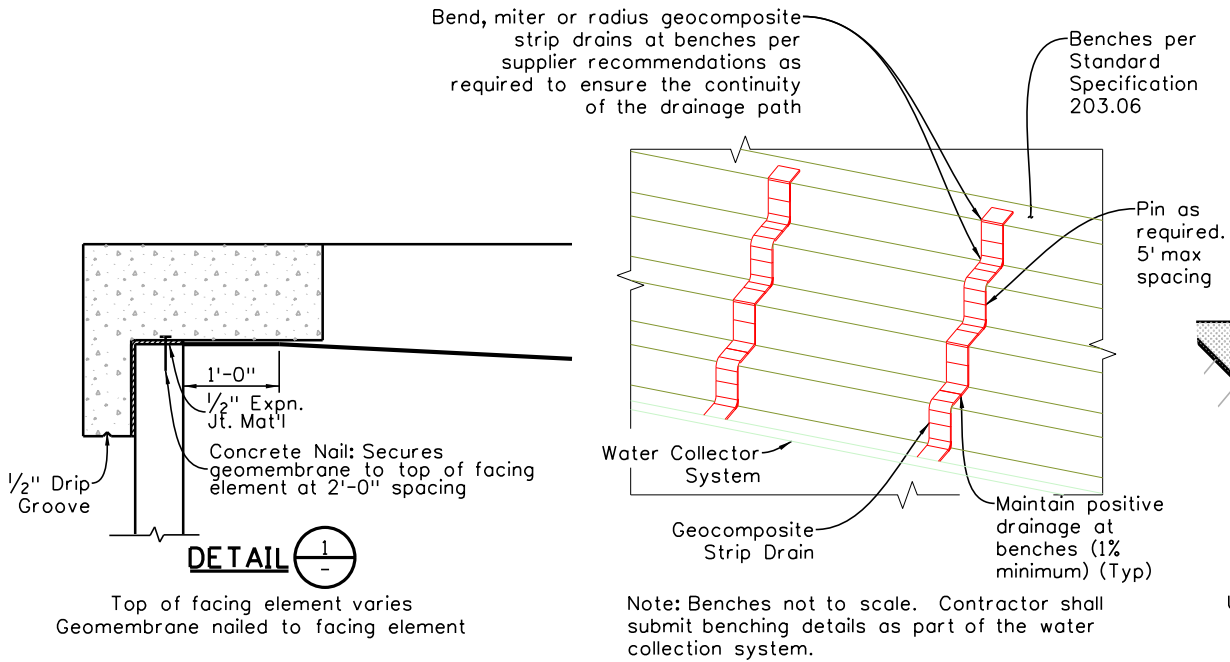
NOTES:

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.

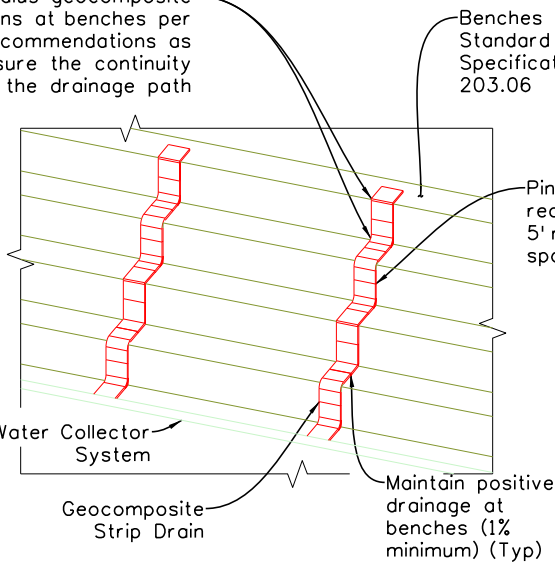


DETAIL 6
Drain Detail
For Varying Backslope

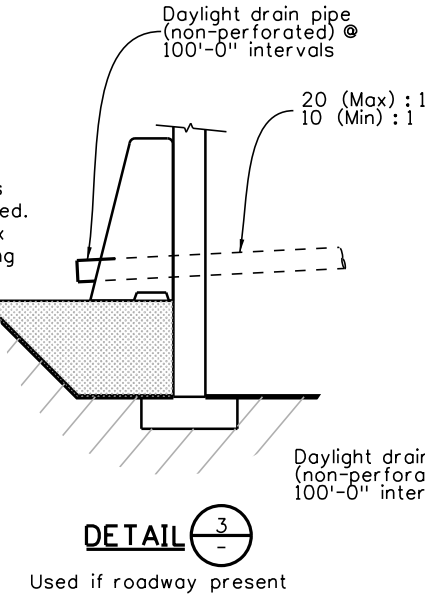
- * Filter Material (Class B) and Geotextile (Drainage) (Class 1) to be included in Item No 206 Structure Backfill (Class 1). Drainage System to be included in the cost of the work.
- ** Flow rate = 140 GPM/SF (Min) and core flowrate of 21 GPM/Ft (Min)
- *** Cut 12" wide slot and insert strip drain into 4"Ø pipe and pass through geotextile filter material



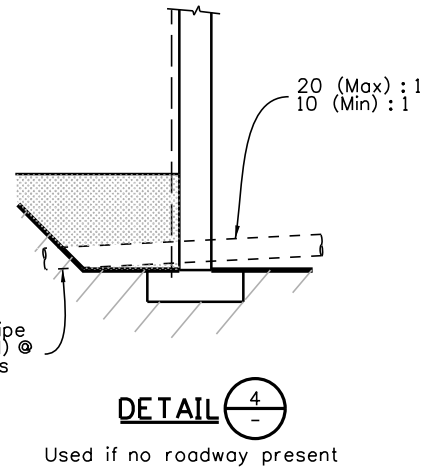
DETAIL 1
Top of facing element varies
Geomembrane nailed to facing element



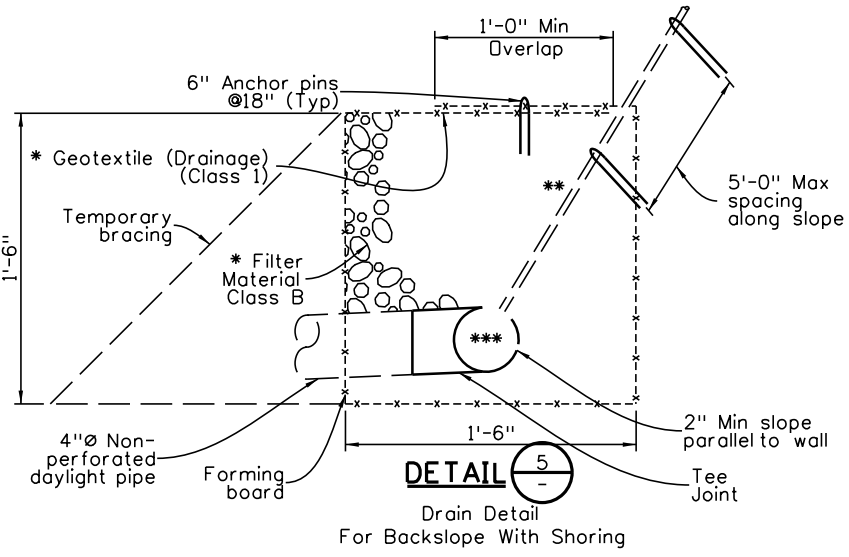
DETAIL 2
Note: Benches not to scale. Contractor shall submit benching details as part of the water collection system.



DETAIL 3
Used if roadway present



DETAIL 4
Used if no roadway present



DETAIL 5
Drain Detail
For Backslope With Shoring

All seals for this set of drawings are applied to the cover page(s)

Print Date: \$DATE\$
File Name: Sheet_B-504-W1.dgn
Horiz. Scale: Vert. Scale: As Noted
Unit Information Unit Leader Initials

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation

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Staff Bridge Branch

As Constructed
No Revisions:
Revised:
Void:

DRAIN AND WATERPROOFING MEMBRANE DETAILS			
Designer:	XXXXXXXX	Structure Numbers	XXXXXXXXXXXXXX
Detailer:	XXXXXXXX	Subset Sheets:	WXX of XXX
Sheet Subset:	WALL		

Project No./Code
Sheet Number