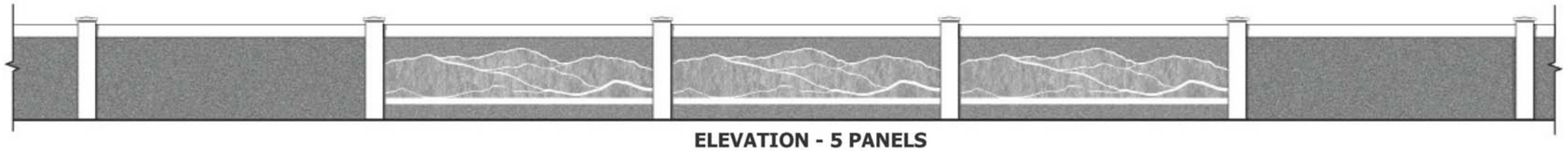
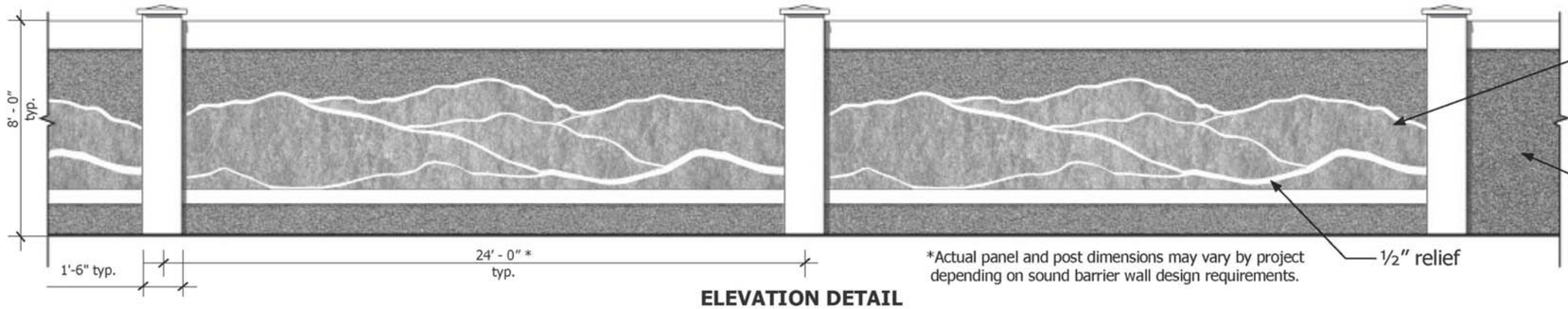
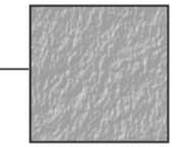


ELEVATION - 5 PANELS

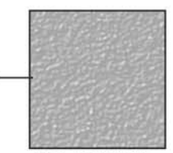


*Actual panel and post dimensions may vary by project depending on sound barrier wall design requirements.

ELEVATION DETAIL



CHISELED LIMESTONE
½" MIN. - 1½" MAX. RELIEF



PEA GRAVEL
0" - ¾" RELIEF

3 decorative panels to every 15 regular panels (Option 1)

Continuous decorative panels (Option 2)

2 Panel height shown at 16' - 0" height

DRIVING VIEW

ASSUMPTIONS:

- Illustrations show a 24' C - C post spacing
- Caps on posts
- Elevation change at posts
- Concrete or steel posts
- 1 color stained absorptive material

VOLUME V – PART 12
ARCHITECTURAL TREATMENT: MOUNTAIN THEME
RENDERING OF SOUND WALL - VIRGINIA MOUNTAINS

STATE	FEDERAL AID ROUTE	FEDERAL AID PROJECT	STATE ROUTE	STATE PROJECT	SHEET NO.
VA.	—				

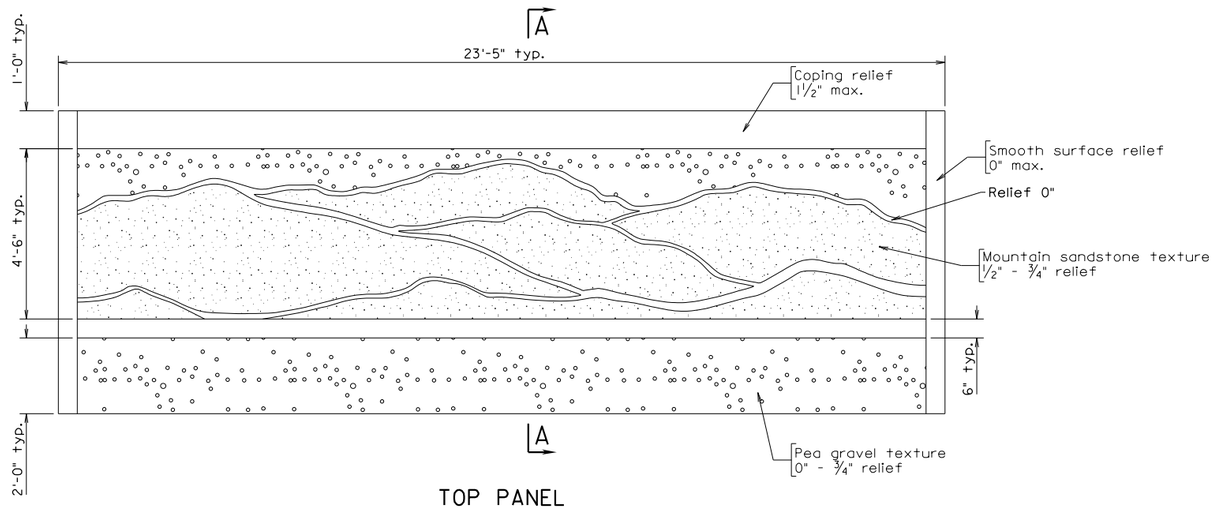
Notes:

The Contractor shall design panel in accordance with special provisions and/or special copied notes provided with the contract.

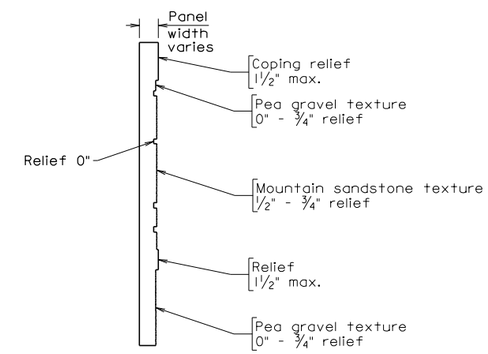
When panels are stacked, horizontal edges must match in appearance and allignment. Textures must allign together straight and true.

For post and cap details, see Sheet No. X.

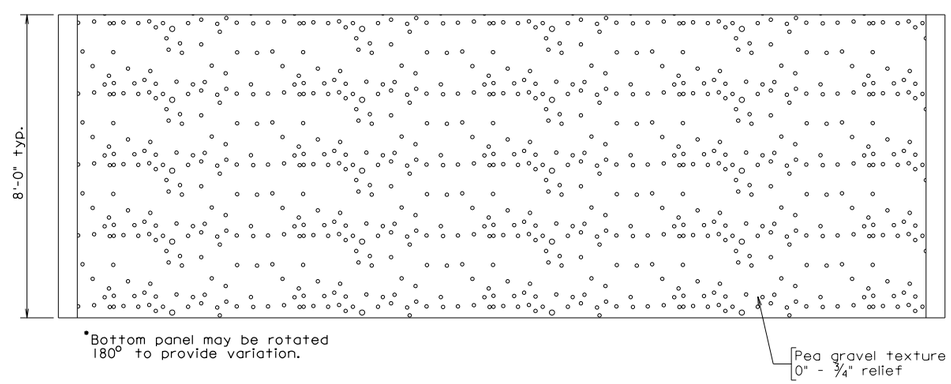
Texture details for these panels, see Sheet No. X.



TOP PANEL



SECTION A-A



BOTTOM PANEL

Scale: ½" = 1'-0" unless otherwise shown.

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No.	Description	Date

Revisions

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION

STRUCTURE AND BRIDGE DIVISION

PRECAST SOUND WALL PANELS
VIRGINIA MOUNTAINS

Designed:	Date	Plan No.	Sheet No.
Drawn:		BSW-2A	
Checked:			

BSW2A.dgn

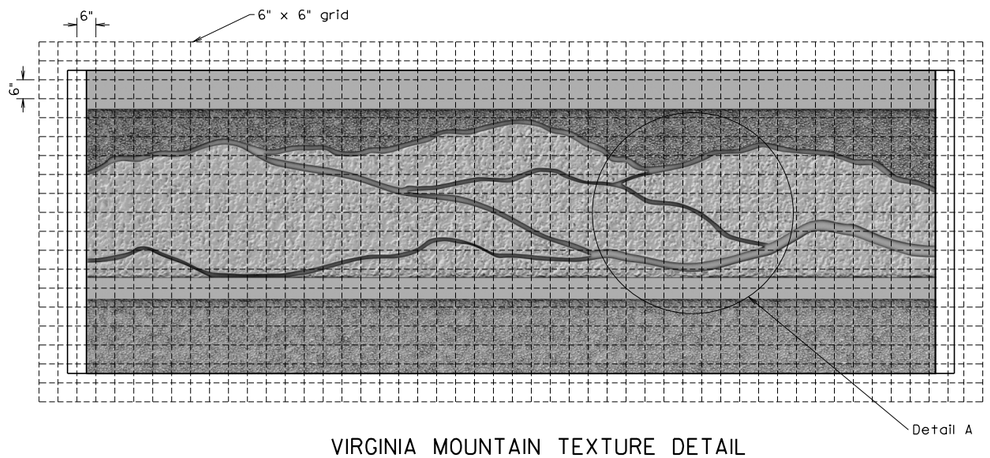
06-26-2013

BSW-2A

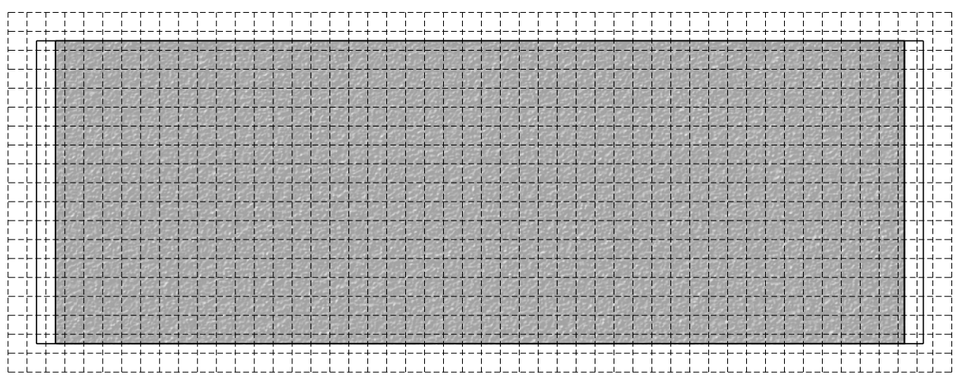
STATE	FEDERAL AID ROUTE	FEDERAL AID PROJECT	STATE ROUTE	STATE PROJECT	SHEET NO.
VA.	—				

Notes:

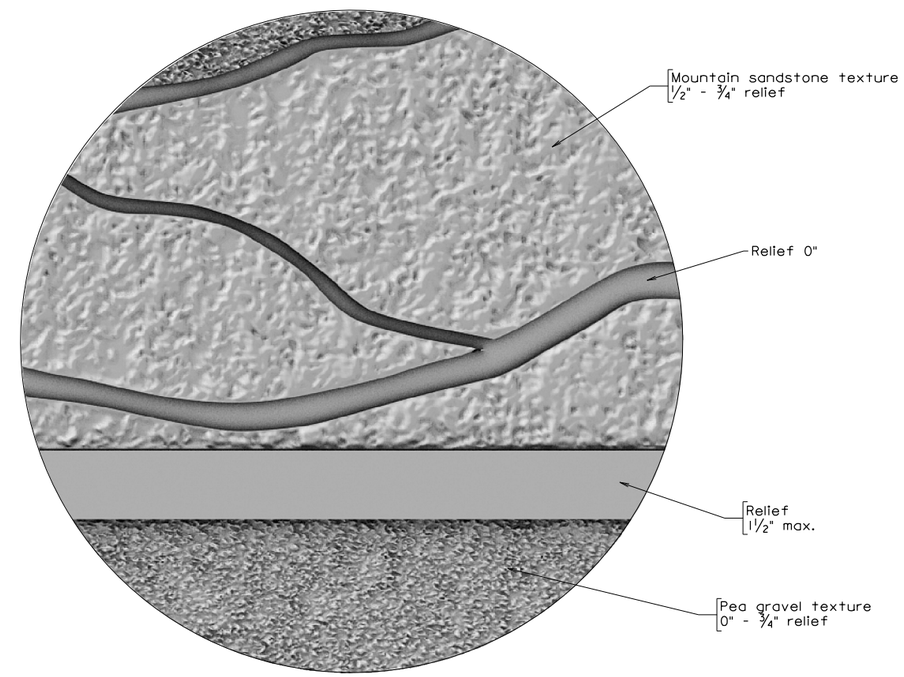
For panel details, see Sheet No. X.



VIRGINIA MOUNTAIN TEXTURE DETAIL



VDOT PEA GRAVEL TEXTURE DETAIL



DETAIL A
Not to scale

Scale: 1/2" = 1'-0" unless otherwise shown.

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No.	Description	Date

Revisions

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION

STRUCTURE AND BRIDGE DIVISION

PRECAST SOUND WALL PANELS
VIRGINIA MOUNTAIN

Designed:	Date	Plan No.	Sheet No.
Drawn:		BSW-2B	
Checked:			

BSW2B.dgn

06-26-2013

BSW-2B

SOUND WALLS – ARCHITECTURAL TREATMENT

MOUNTAIN THEME: VIRGINIA MOUNTAINS

NOTES TO DESIGNER:

The standard drawings for architectural treatment for sound walls are laid out for a 8-foot high x 24-foot center-of-post to center-of-post panel option. For specific projects, if a sound wall panel is smaller or larger than the standard 8-foot high x 24-foot long panel size, the architectural designs need to be adjusted to fit the longer or shorter panel length.

ADD THE FOLLOWING NOTES, DIMENSIONS, DETAILS, ETC TO STANDARD:

Notes:

Add appropriate plan sheet number to notes.