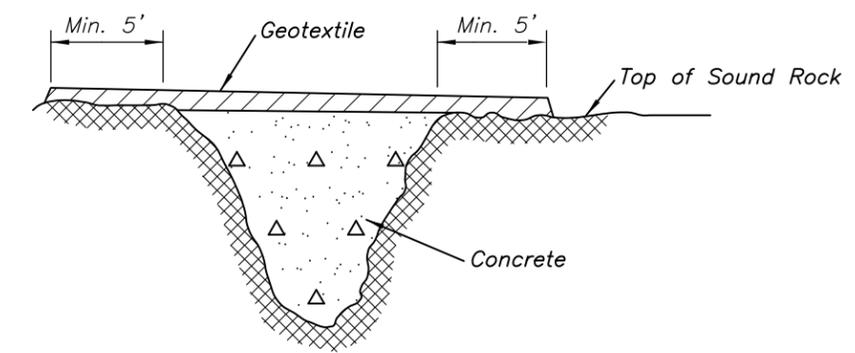
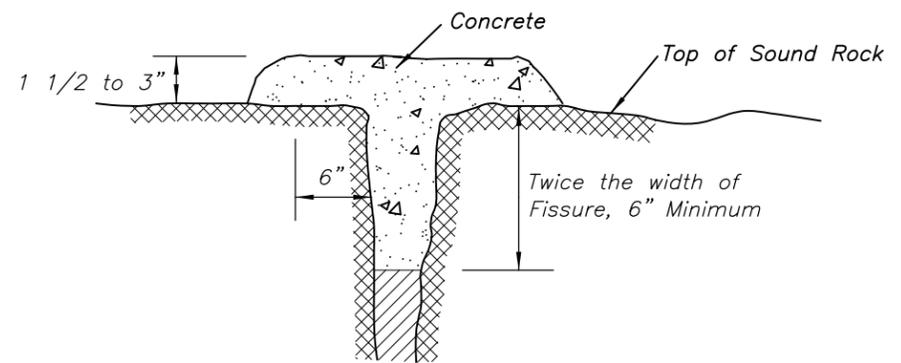


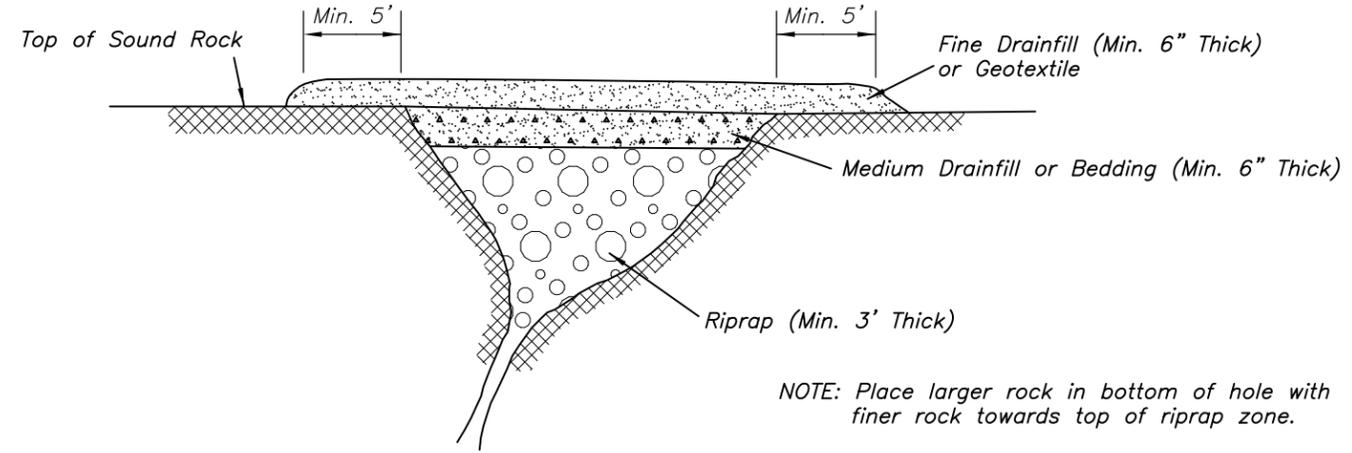
(METHOD 1) THIN SURFACE CRACKS



(METHOD 3) SMALL HOLES OR SOLUTION CHANNELS



(METHOD 2) OPEN FISSURES



NOTE: Place larger rock in bottom of hole with finer rock towards top of riprap zone.

(METHOD 4) LARGE HOLES OR SINKHOLES

NOTES:

1. All soil material in area of sinkholes shall be removed down to rock surface. Soil material in crevices and voids in rock shall be removed as approved by Engineer.
2. Typical treatments are shown. After sinkhole area is cleaned, the area will be evaluated by Engineer. Type and extent of treatment will be selected.
3. Concrete mix may be adjusted as approved by Engineer to ensure concrete will flow into void areas.
4. Concrete, Rock Riprap, Bedding, Medium Drainfill, Fine Drainfill, Geotextile and Earthfill shall be as specified.
5. Repaired area shall be covered with two (2) feet of compacted clay Earthfill.
6. Treatment of rock surfaces is also covered by Missouri Construction Specification 63 adapted from NEH Section 20 Specifications.

Date	
Designed	
Drawn	
Checked	
Approved	

TYPICAL TREATMENT OF
ROCK SURFACES AND SINKHOLES



DRAFT
NOT FOR
CONSTRUCTION

File Name	
Drawing Name	29-N-506
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