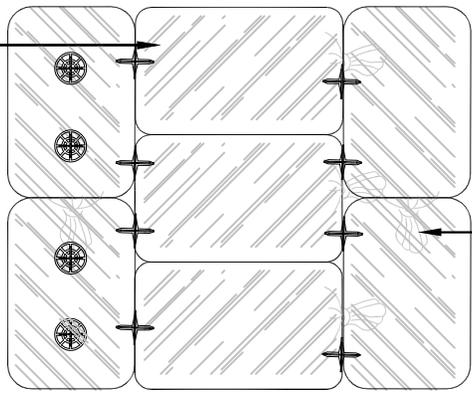


Rotate 2nd Row of Units to Maintain Running Bond Pattern



**NOTE:**

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TITLE  
**LOW ENERGY SHORELINE FOR SLOPES 3H:1V OR <**

DATE  
 JANUARY 2026

SCALE  
 1/2" = 1' - 0"

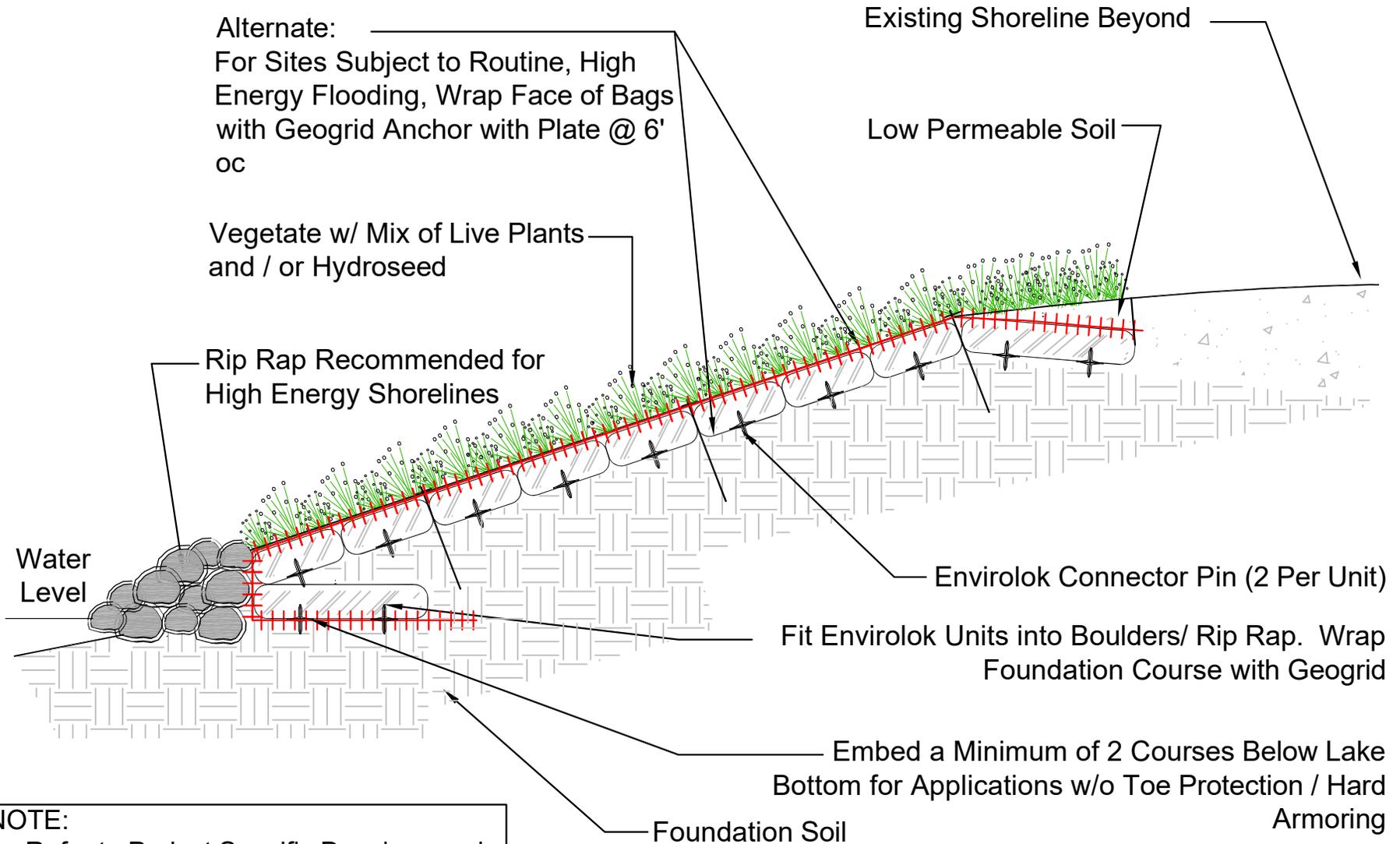
SHEET  
 SHEET SW1

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REVISIONS



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TITLE <b>HIGH ENERGY SHORELINE DETAIL FOR 3H:1V OR &lt;</b>	
DATE JANUARY 2026	SCALE 1/2" = 1' - 0"
SHEET SHEET SW2	

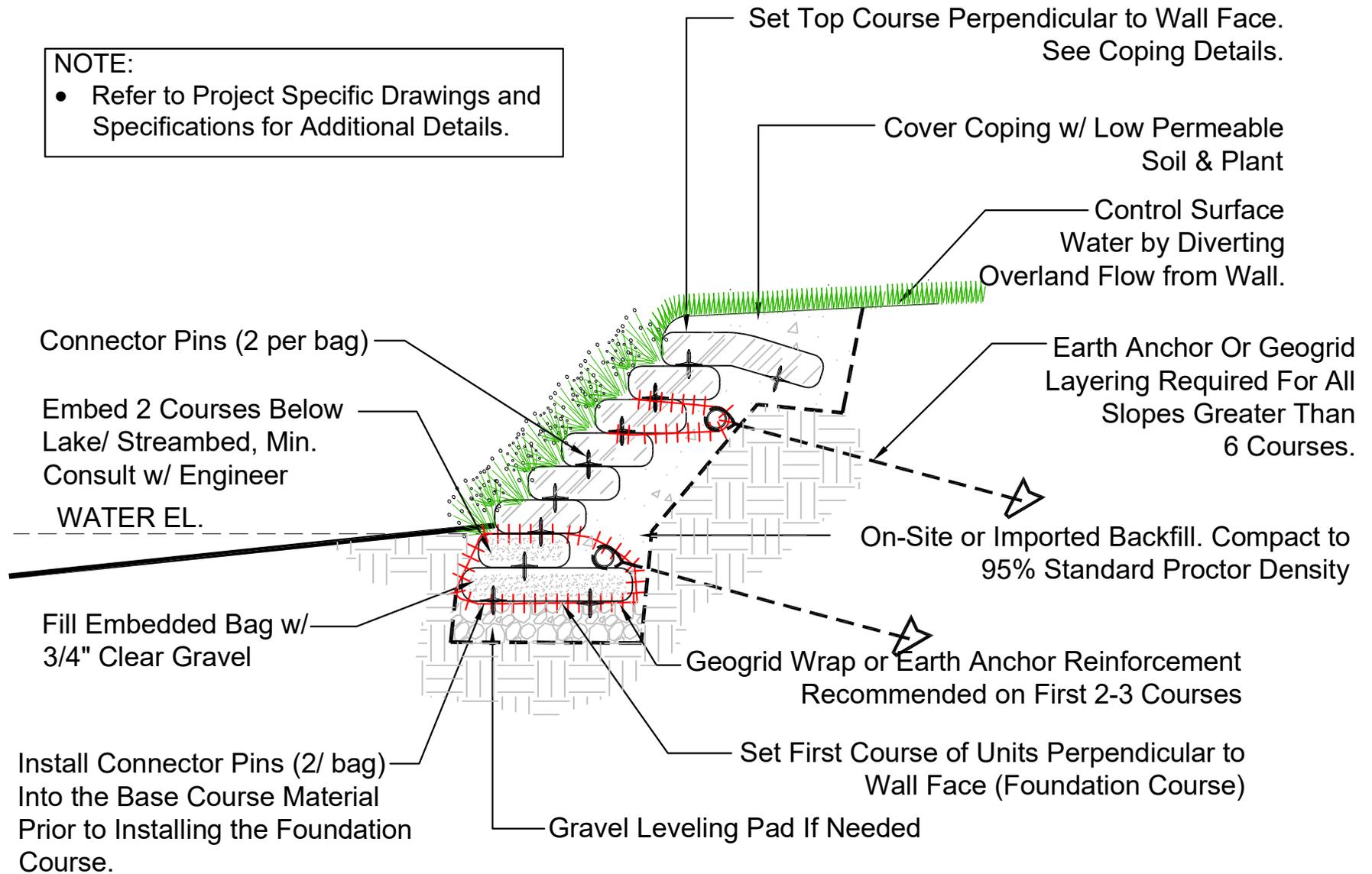
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TITLE  
**LOW ENERGY SHORELINE  
 FOR SLOPES 2H:1V OR >**

DATE  
 JANUARY 2026

SCALE  
 1/2" = 1' - 0"

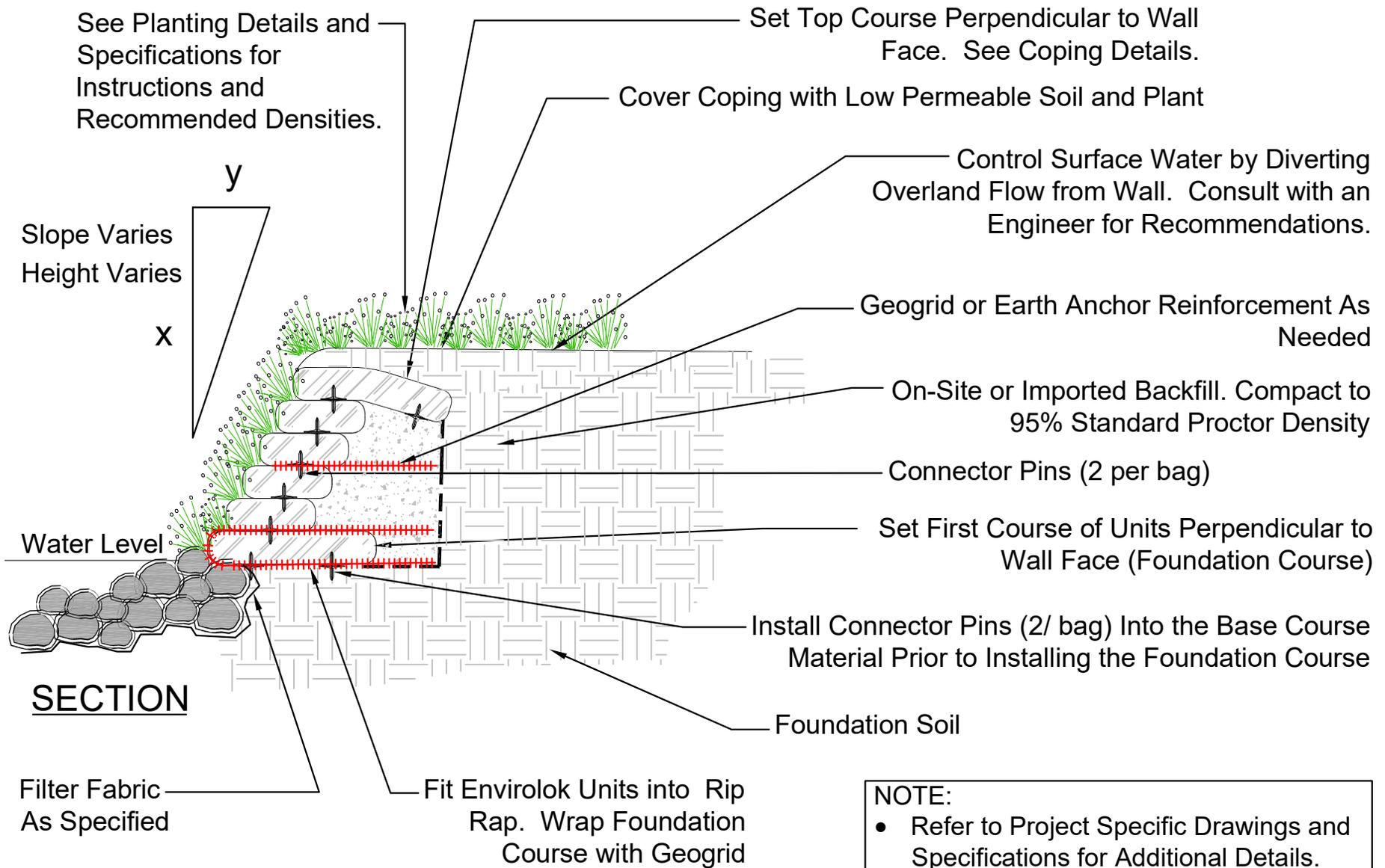
SHEET  
 SHEET SW3



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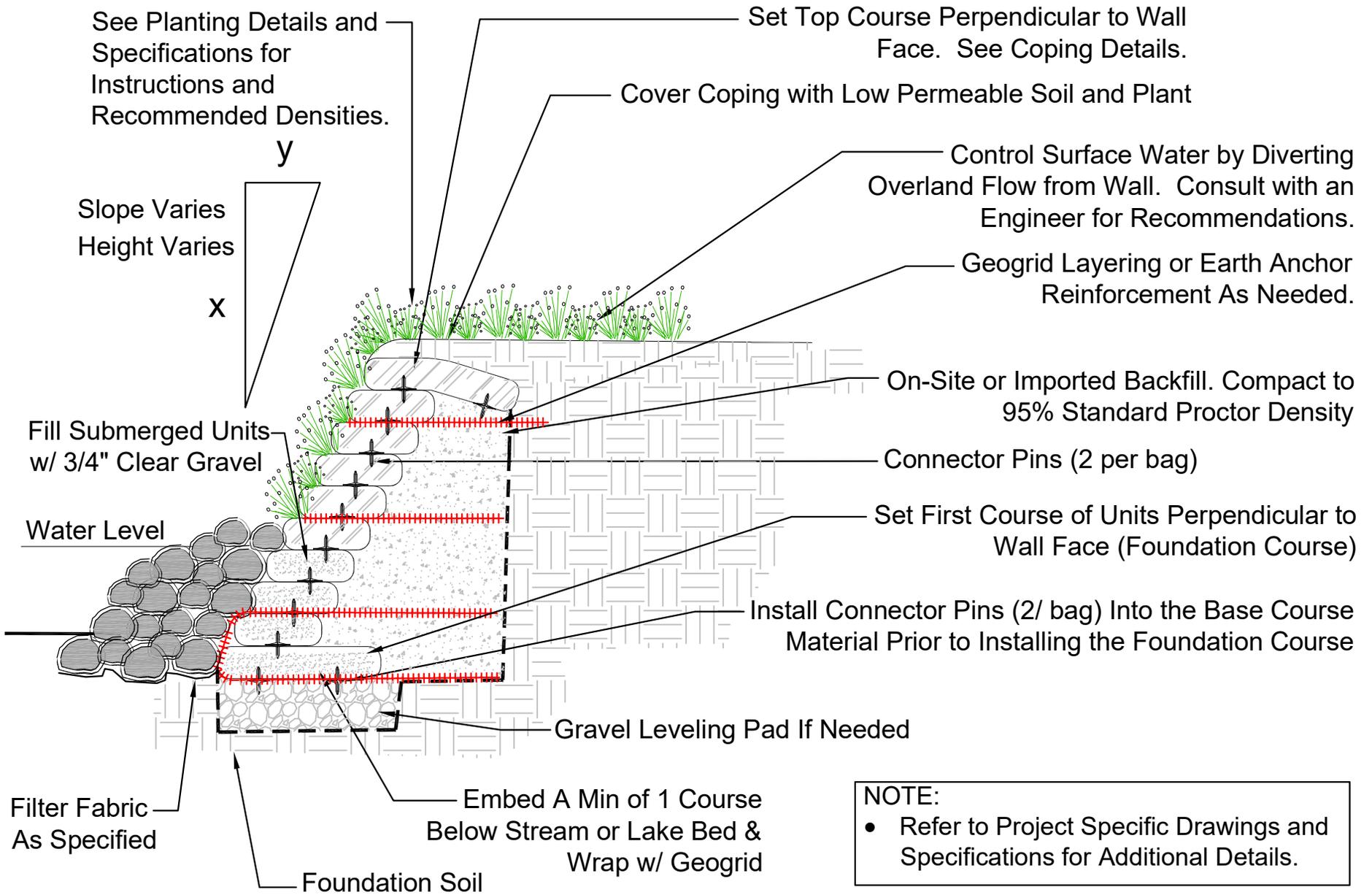
TITLE <b>BOULDER/ RIP RAP TOE PROTECTION OPTION 1</b>	
DATE JANUARY 2026	SCALE 1/2" = 1' - 0"
SHEET SHEET SW4	

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TITLE  
**BOULDER/ RIP RAP TOE PROTECTION OPTION 2**

DATE  
JANUARY 2026

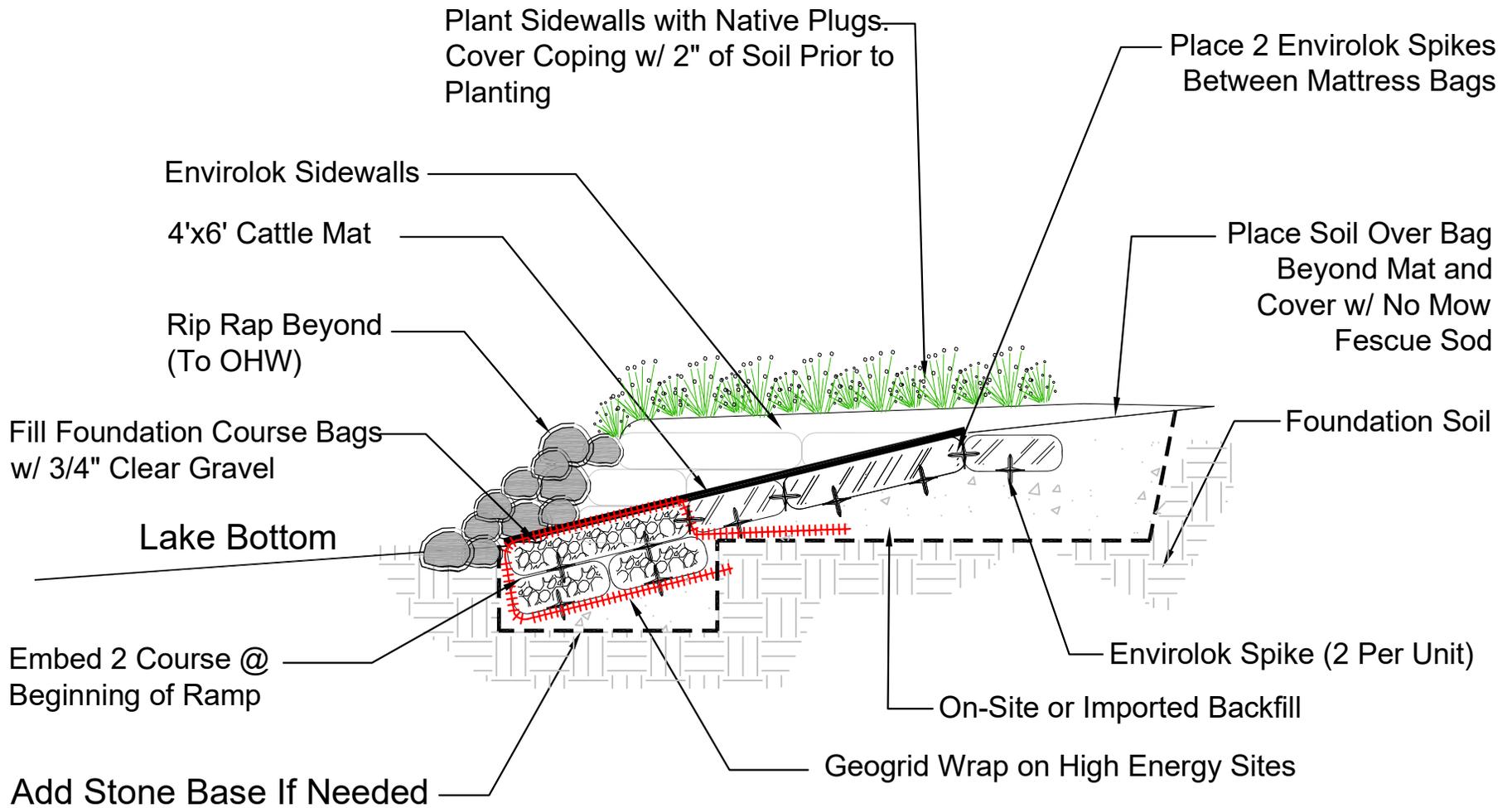
SCALE  
1/2" = 1' - 0"

SHEET  
SHEET SW5

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**SECTION**

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TITLE  
**PEDESTRIAN ACCESS  
AT SHORELINE 1 OF 3**

DATE  
JANUARY 2026

SCALE  
1/2" = 1' - 0"

SHEET  
SHEET SW6



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REVISIONS

Plant Sidewalls with Native  
Plugs. Cover Coping w/ 2" of  
Soil Prior to Planting

4'x6' Cattle Mat

Envirolok Sidewalls  
Beyond

4-6' Wide

Rip Rap Beyond  
(To OHW)

Varies

Fill Foundation Course  
Bags w/ 3/4" Clear Gravel

Envirolok Spike (2 Per Unit)

Embed 2 Courses @ Beginning  
of Ramp

Add Stone Base If Needed

**ELEVATION**

**NOTE:**

- Refer to Project Specific Drawings and Specifications for Additional Details.

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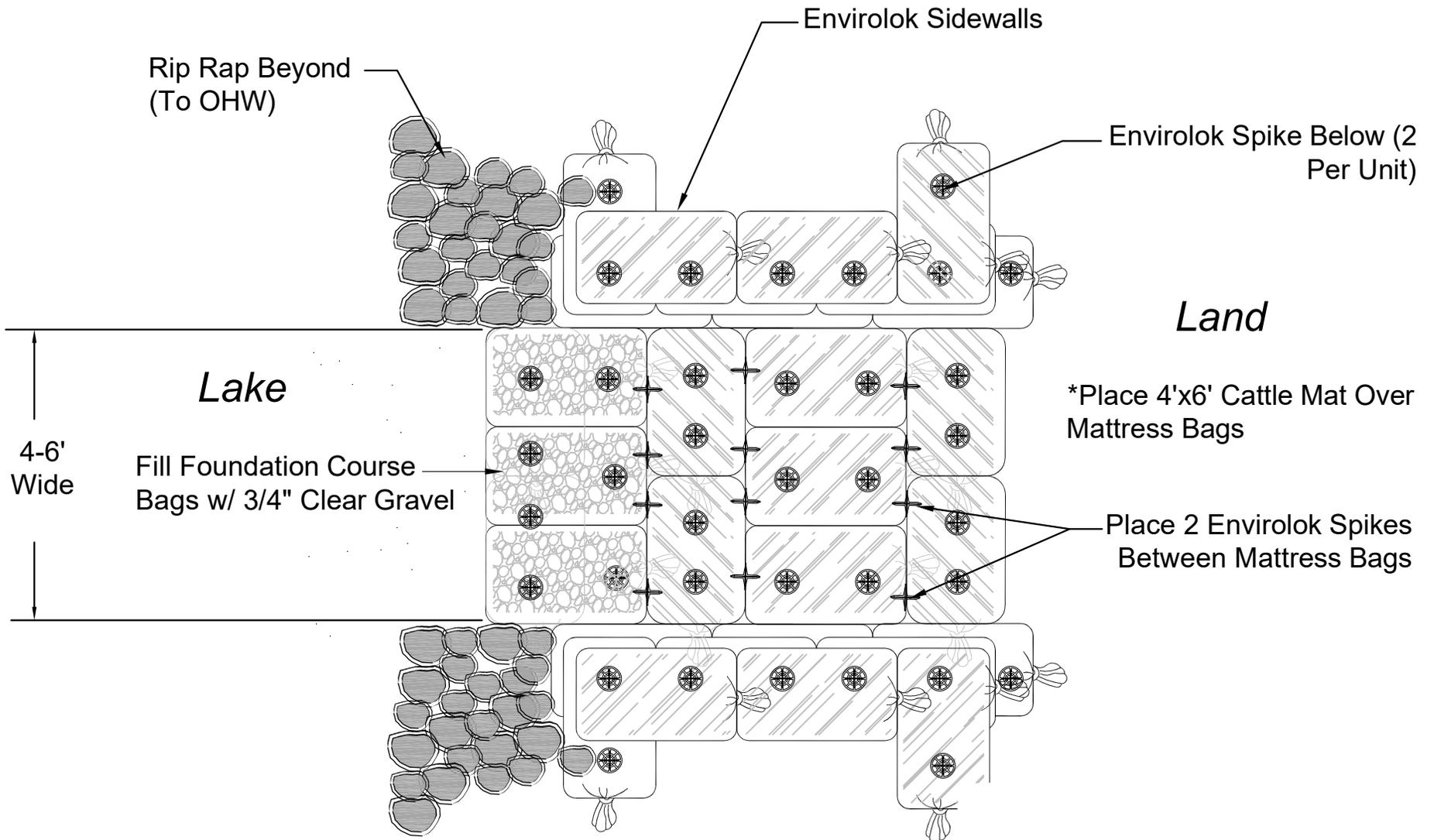
TITLE <b>PEDESTRIAN ACCESS AT SHORELINE 2 OF 3</b>	
DATE JANUARY 2026	SCALE 1/2" = 1' - 0"
SHEET SHEET SW7	



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REVISIONS



**NOTE:**

- Refer to Project Specific Drawings and Specifications for Additional Details.

**PLAN**

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TITLE  
**PEDESTRIAN ACCESS  
 AT SHORELINE 3 OF 3**

DATE  
 JANUARY 2026

SCALE  
 1/2" = 1' - 0"

SHEET  
 SHEET SW8



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REVISIONS


See Planting Details and Specifications for Instructions and Recommended Densities.

Control Surface Water by Diverting Overland Flow from Wall. Consult with an Engineer for Recommendations.

**NOTE:**

- Refer to Project Specific Drawings and Specifications for Additional Details.

Place Envirolok Units Over Top of Stone or Gabion. Wrap Foundation Course with Geogrid and Layer Back or Connect to Earth Anchors As Directed By Engineer

Geogrid Layering or Earth Anchoring if Required by Engineer

Foundation Soil

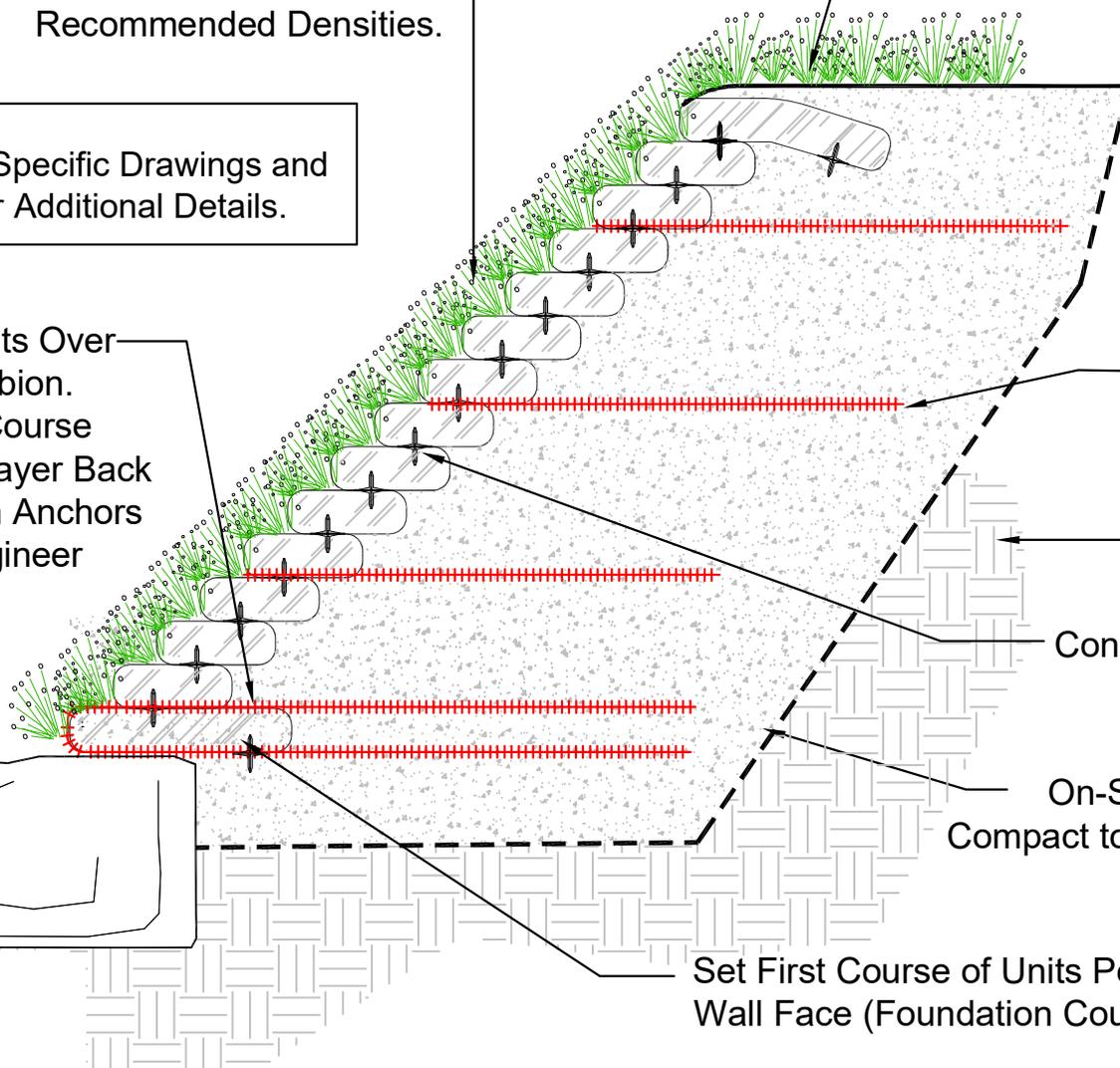
Connector Pins (2 per bag)

On-Site or Imported Backfill. Compact to 95% Standard Proctor Density

Water Level

Set First Course of Units Perpendicular to Wall Face (Foundation Course)

Stone Toe or Gabion Basket



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TITLE  
**STONE TOE OR GABION PROTECTION DETAIL**

DATE  
JANUARY 2026

SCALE  
1/2" = 1' - 0"

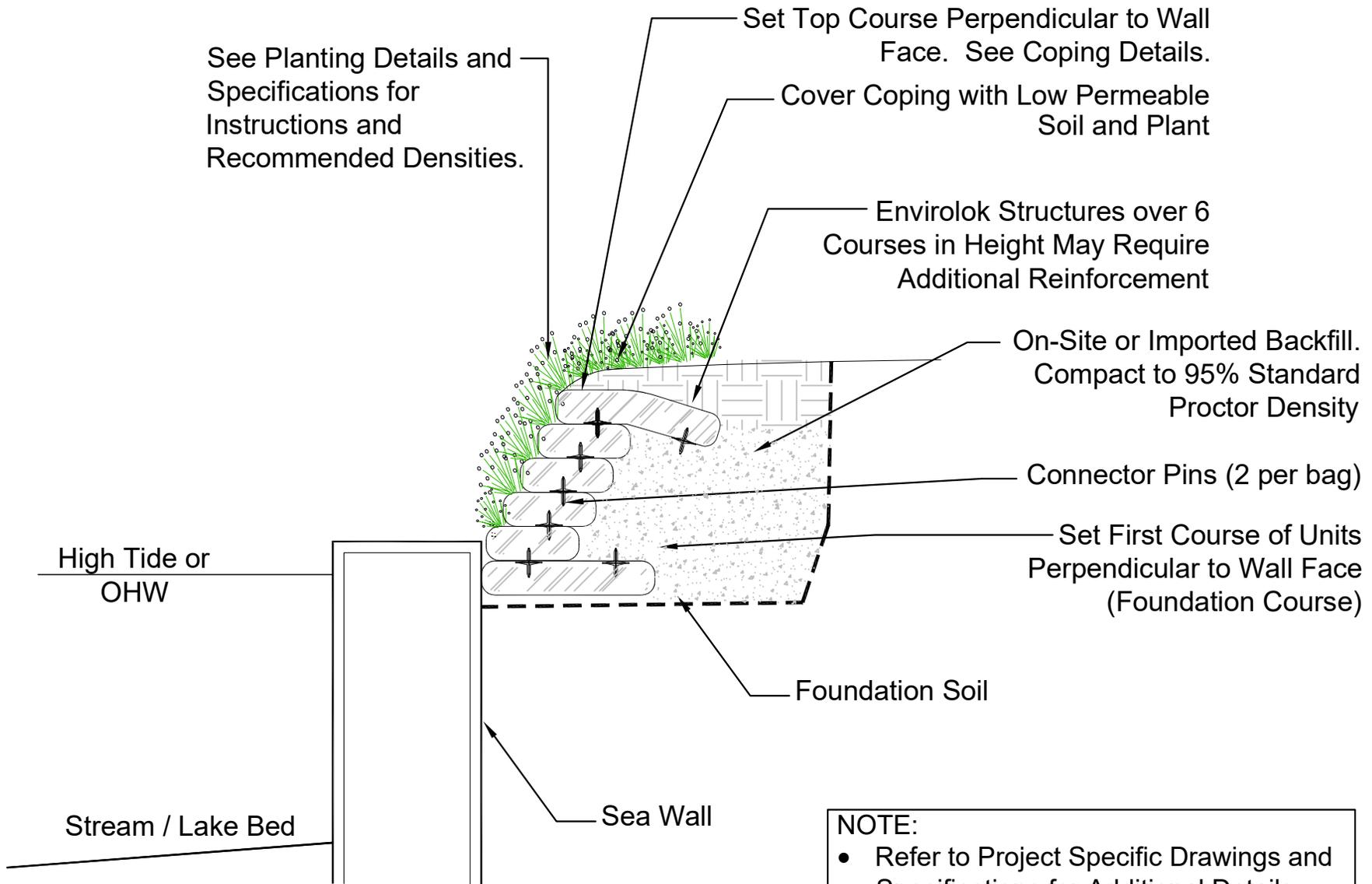
SHEET  
SHEET SW9

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TITLE  
**SEA WALL TOE PROTECTION OPTION 1**

DATE  
 JANUARY 2026

SCALE  
 1/2" = 1' - 0"

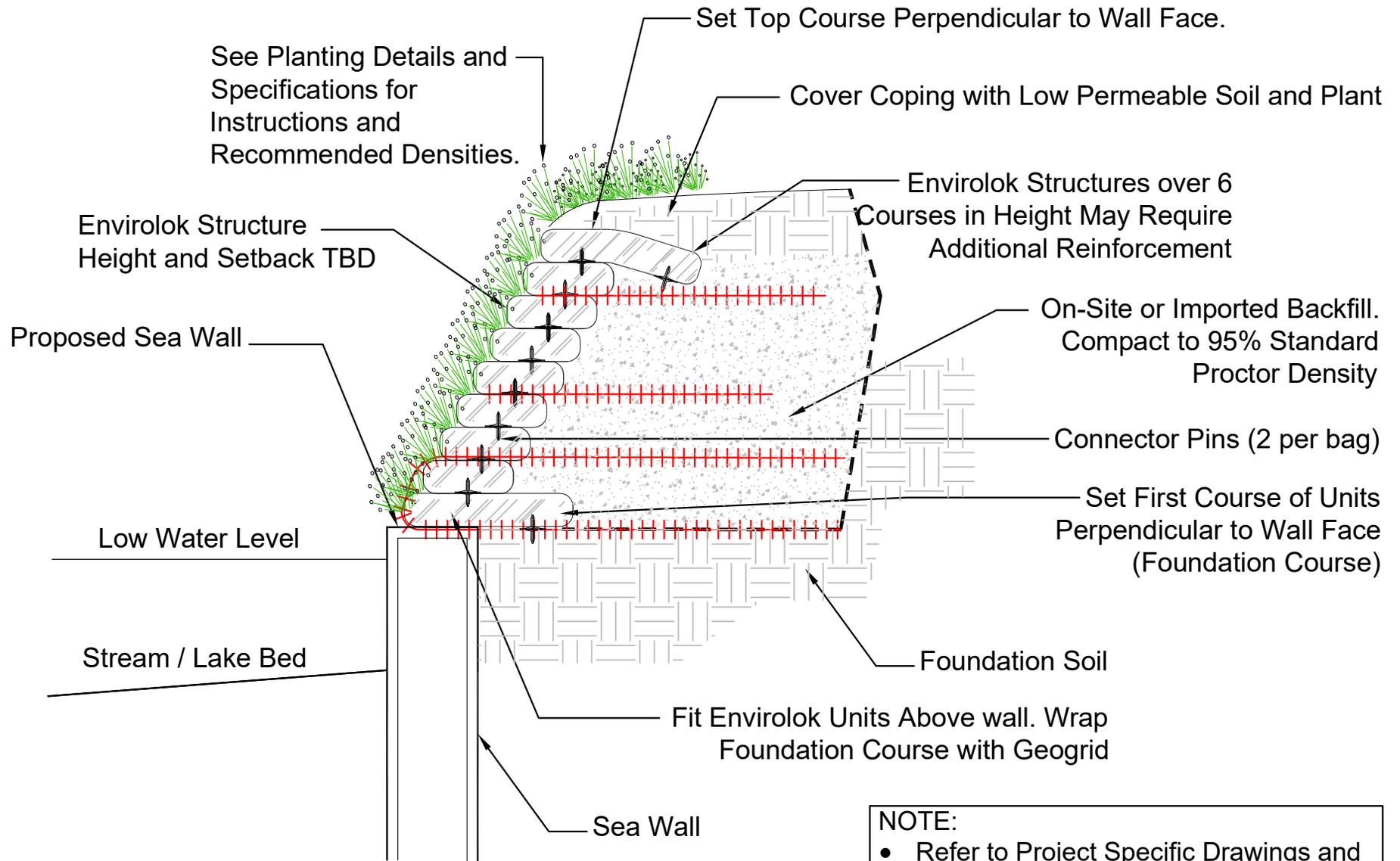
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TITLE  
**SEA WALL TOE PROTECTION OPTION 2**

DATE  
 JANUARY 2026

SCALE  
 1/2" = 1' - 0"

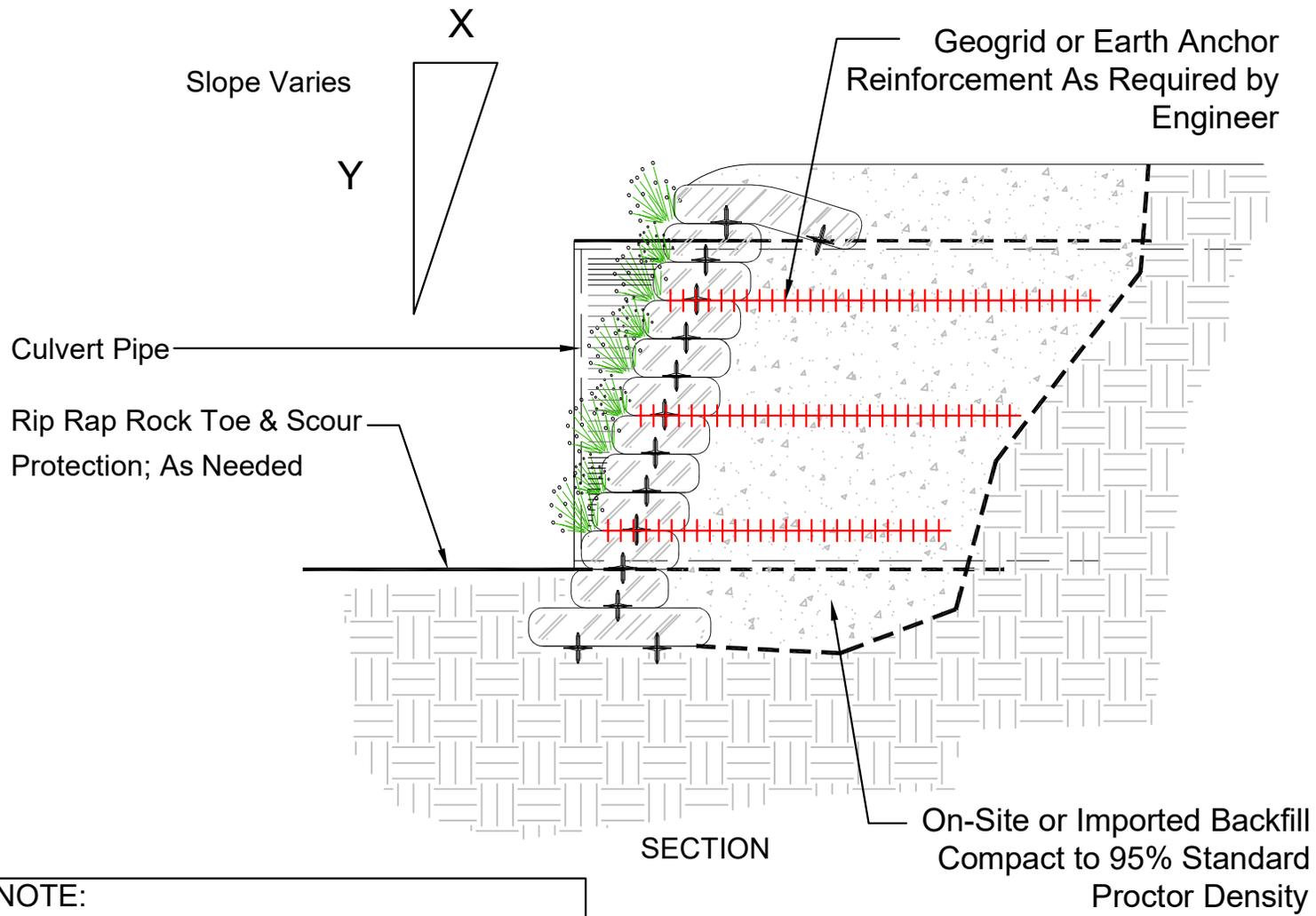
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TITLE <b>CULVERT HEADWALL DETAIL 1 OF 2</b>	
DATE JANUARY 2026	SCALE 1/2" = 1' - 0"
SHEET SHEET SW12	

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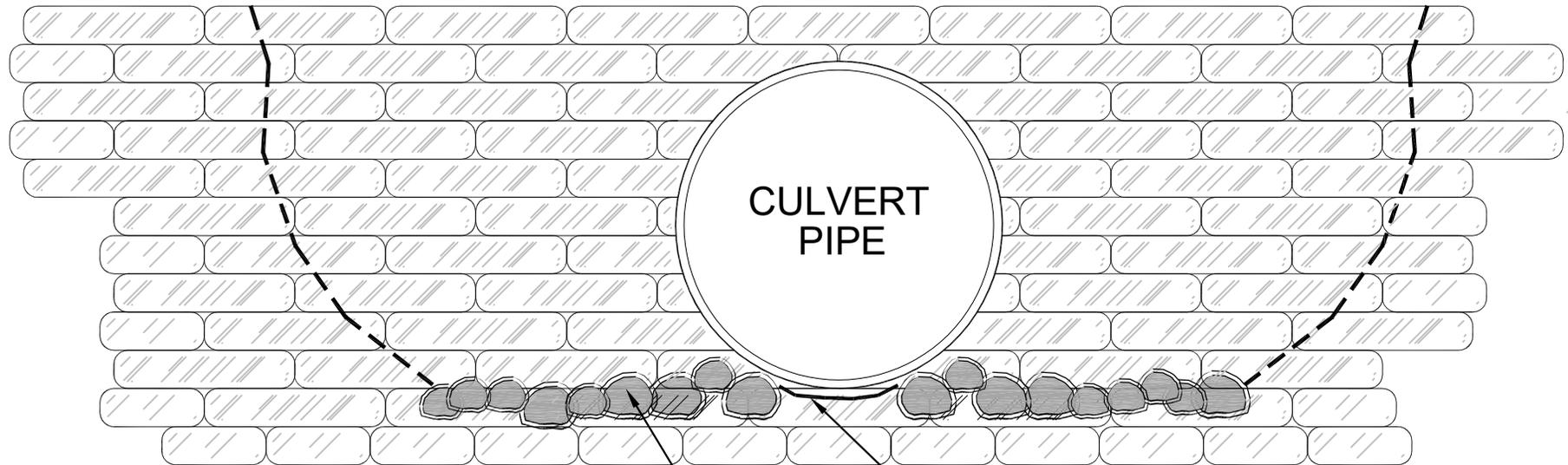
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REVISIONS

**NOTE:**

- Bags may be Angled or Placed in Tie-Back Pattern to Fit Against Culvert
- Bag Height and Width can also be Adjusted by Removing Up To 30% of Fill.
- Refer to Project Specific Drawings and Specifications for Additional Details.



ELEVATION

Scour Protection (As Needed)

Rip Rap Rock Toe Protection (As Needed)

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TITLE  
**CULVERT HEADWALL  
 DETAIL 2 OF 2**

DATE  
 JANUARY 2026

SCALE  
 1/2" = 1' - 0"

SHEET  
 SHEET SW13



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