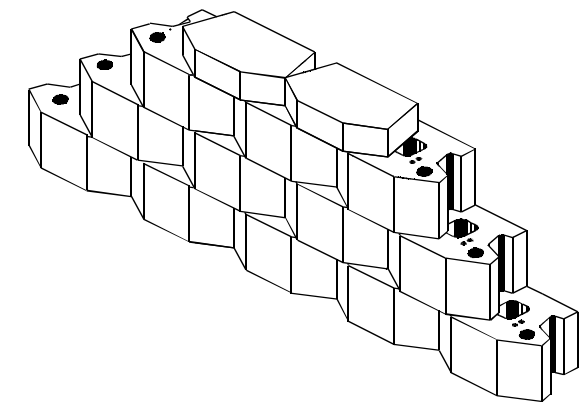
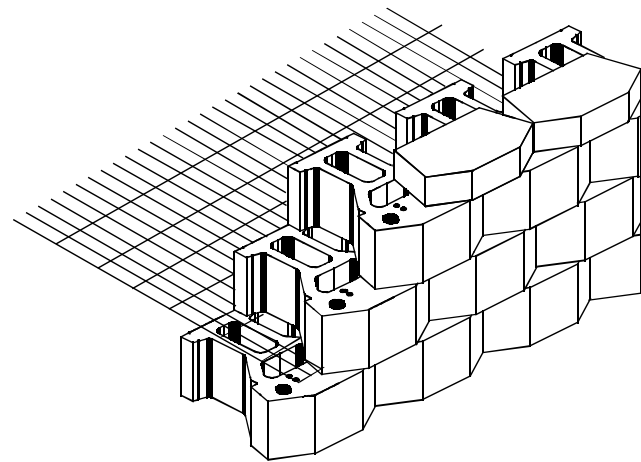
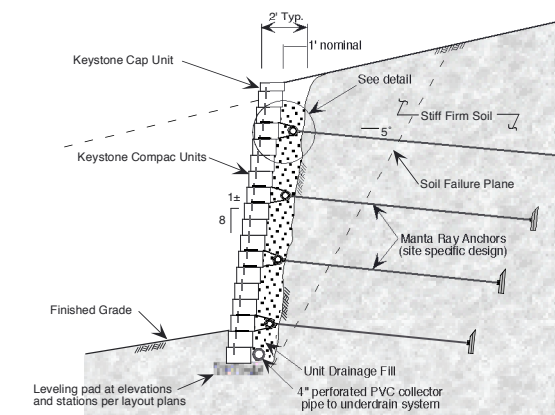
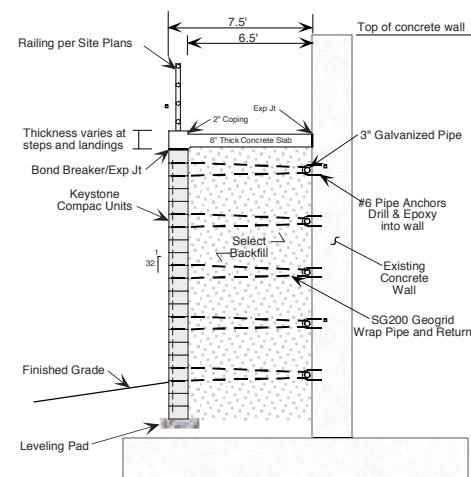


Specialty Applications for Keystone Walls



SHEET INDEX

Title Sheet	Sheet 1
Soil Nail Facing	Sheet 2
Rock/Shotcrete Facing	Sheet 3
Manta Ray Anchor Wall	Sheet 4
H-Pile Wall Facing	Sheet 5
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Concrete Wall Stairway	Sheet 7
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In-situ Slip Joint	Sheet 12



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Specialty Applications

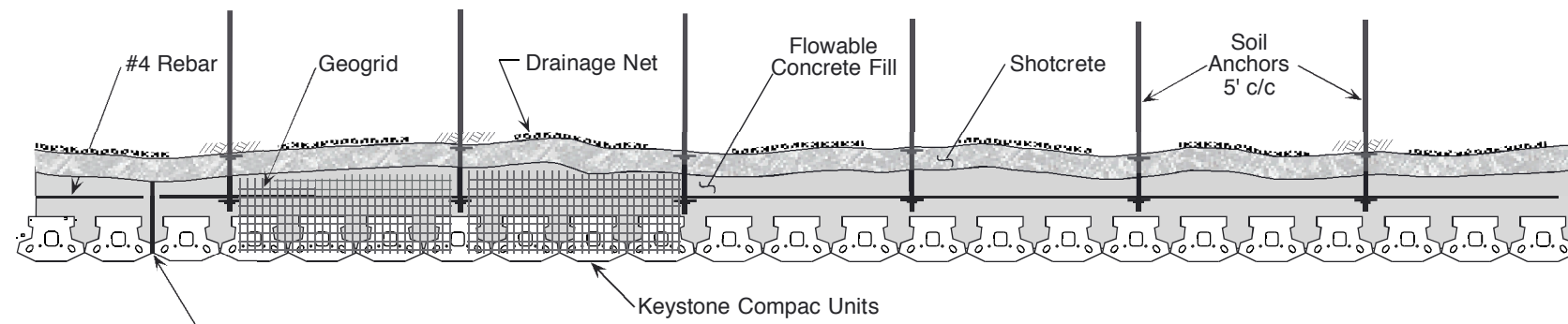
Title Sheet

Scale:

Project No:

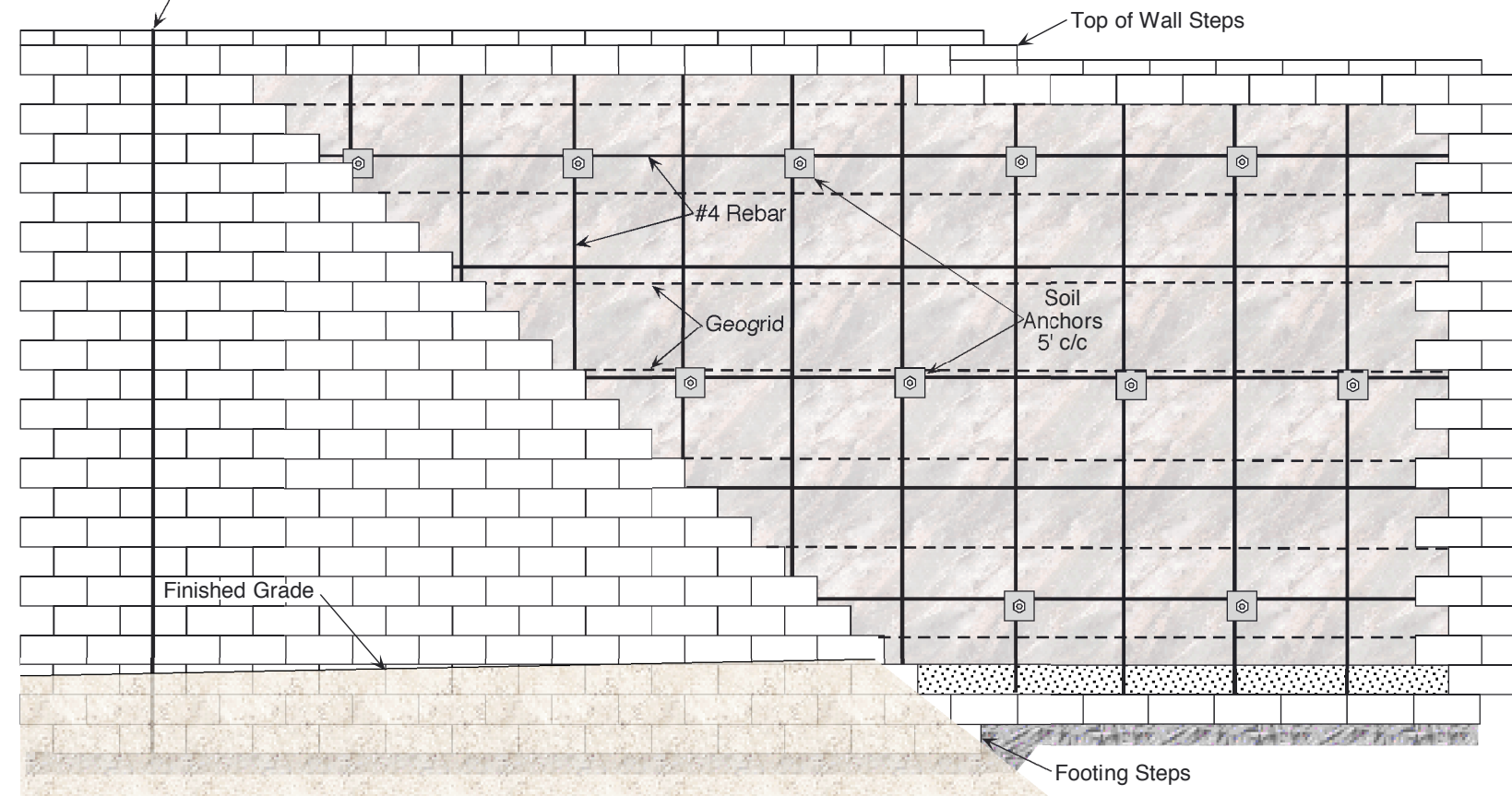
Drawing No.

1

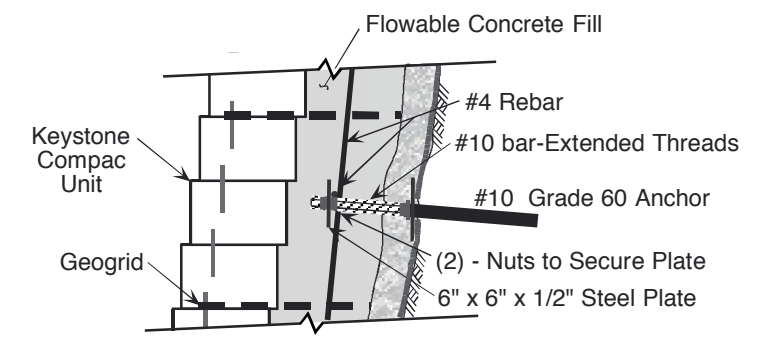


Typical Plan View

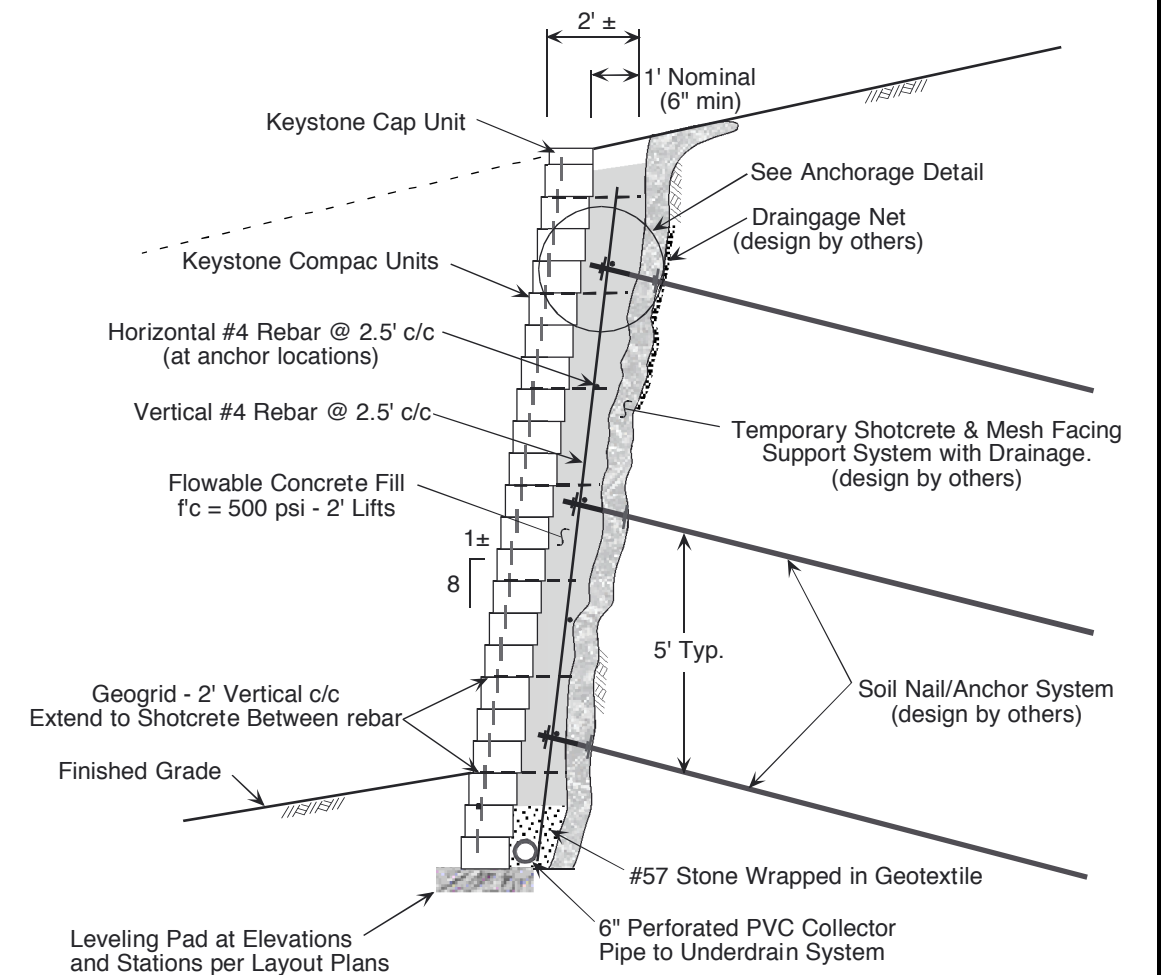
1/2" Expansion Joint Material
(50' c/c Maximum)



Typical Wall Elevation



Typical Anchorage Detail



Typical Soil Nail/Anchor Section

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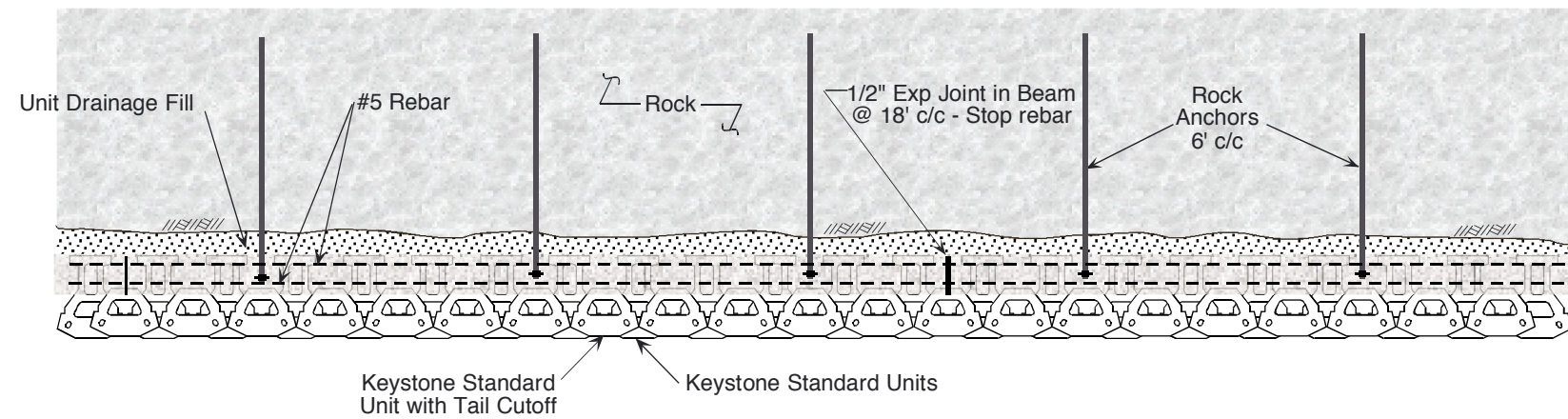
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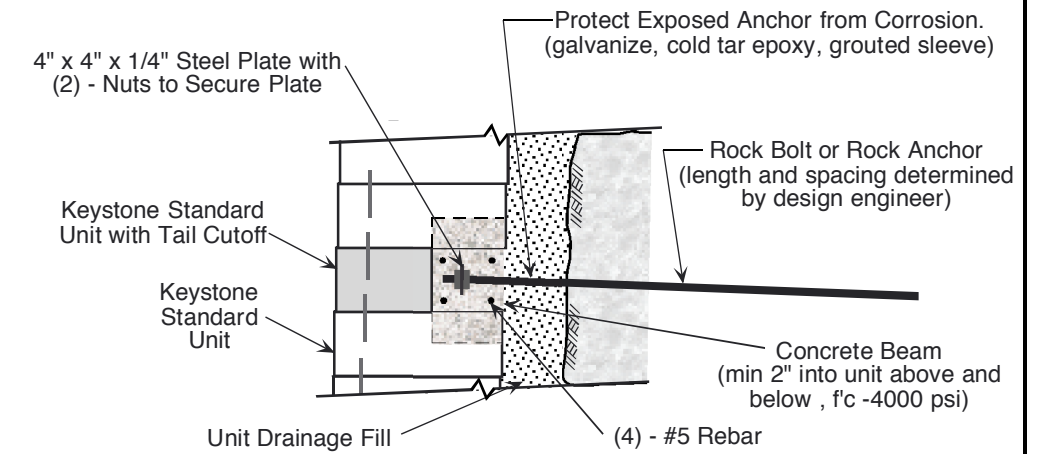
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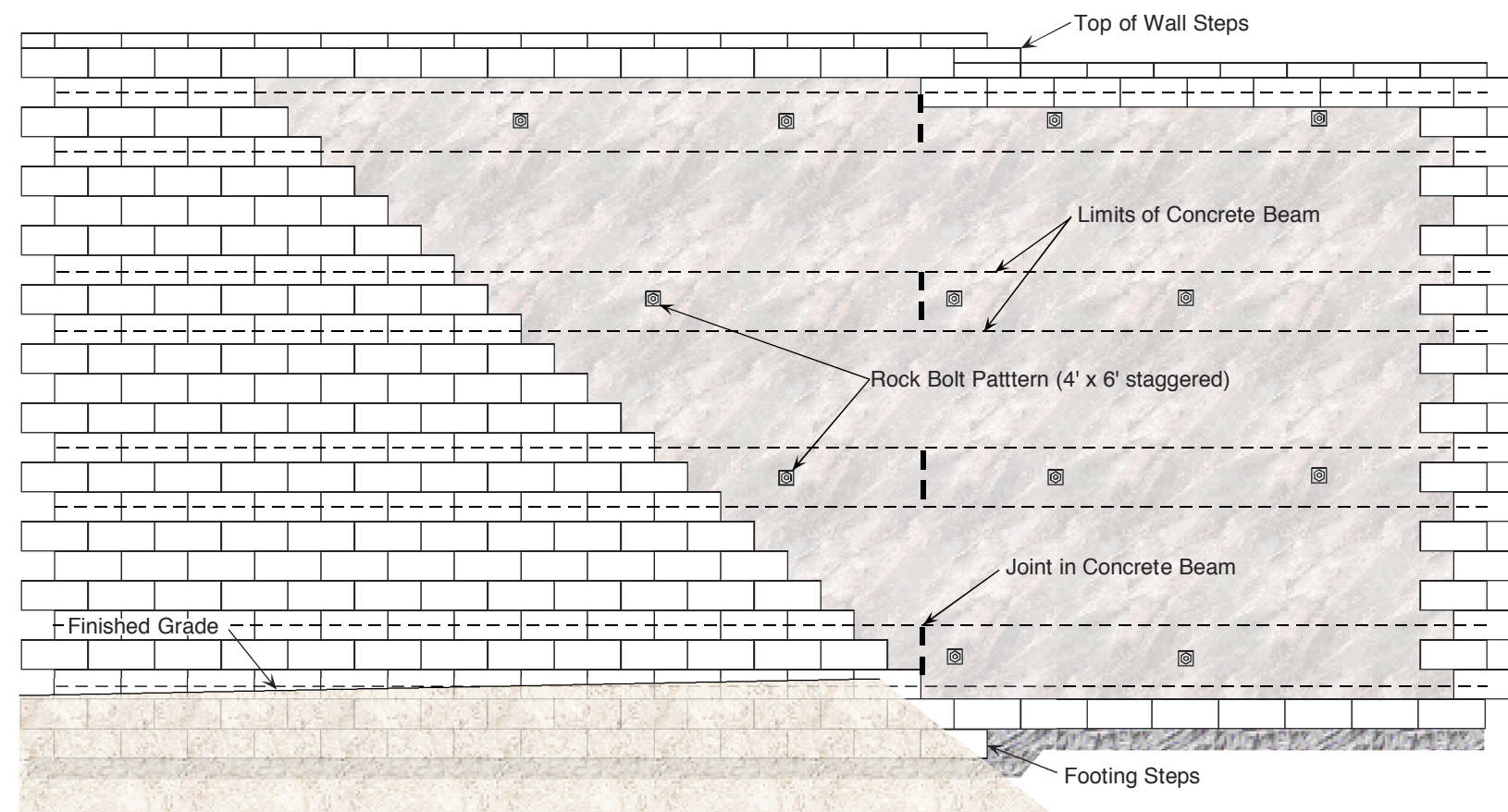
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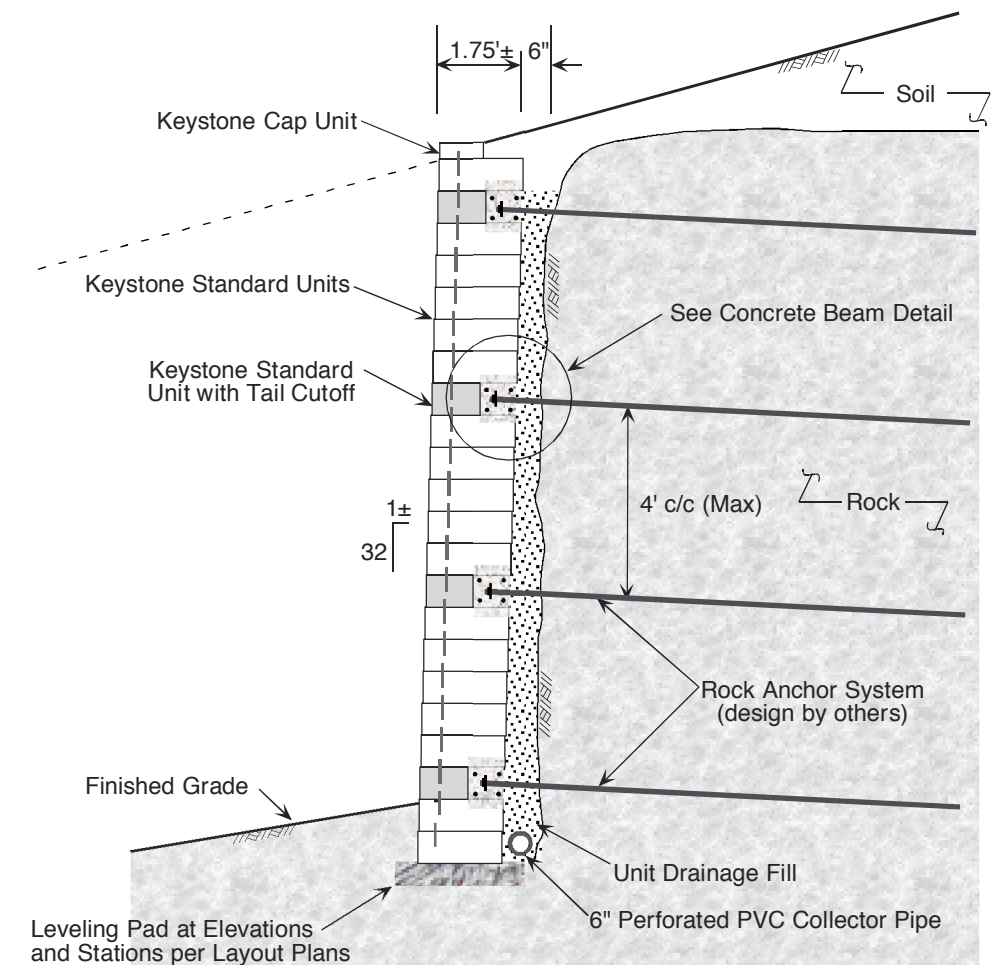
Typical Plan View



Typical Concrete Beam Detail



Typical Wall Elevation



Typical Rock Facing Section

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Specialty Applications

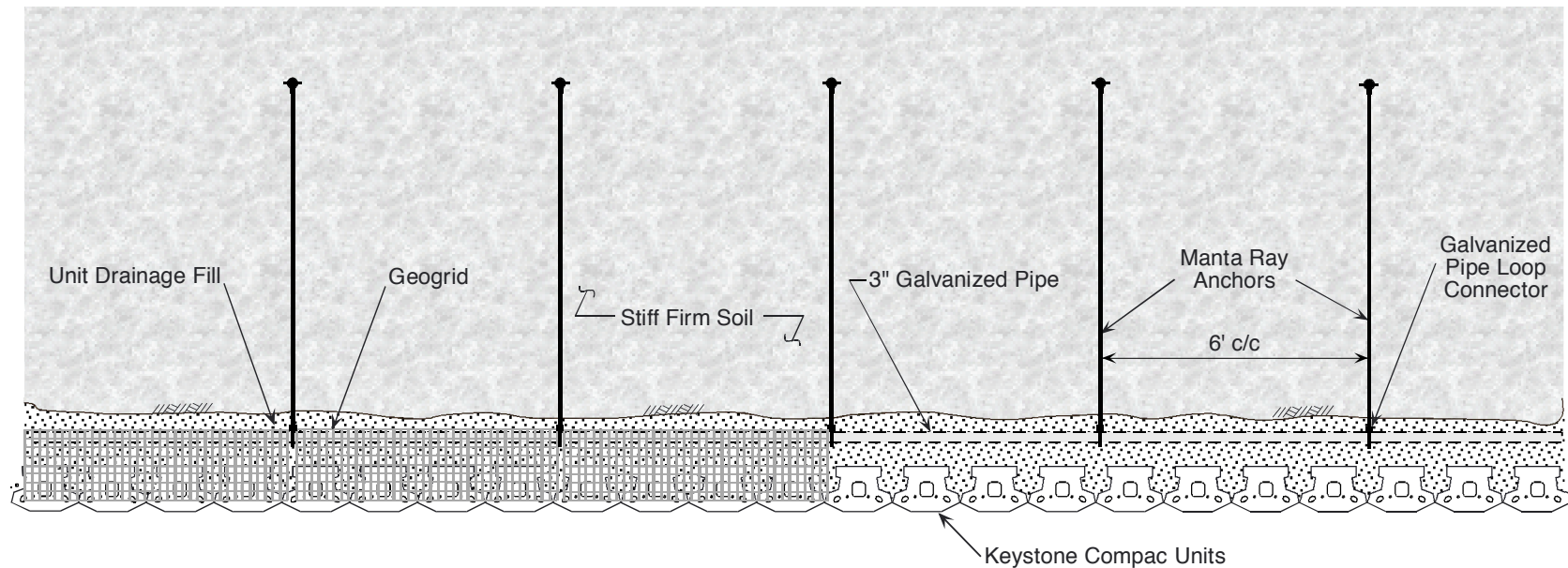
Rock/Shotcrete Facing

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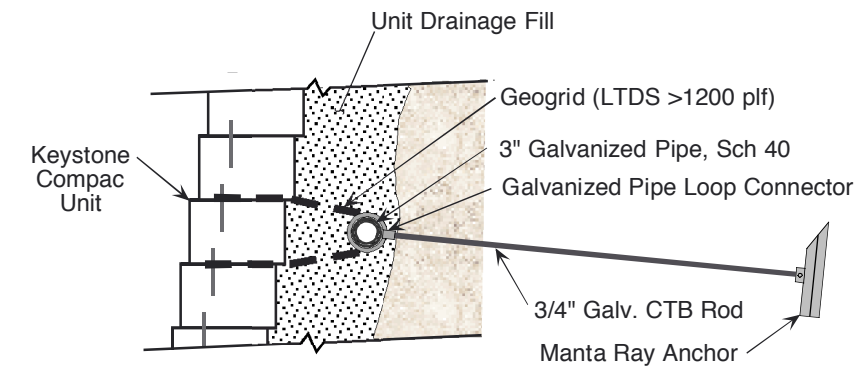
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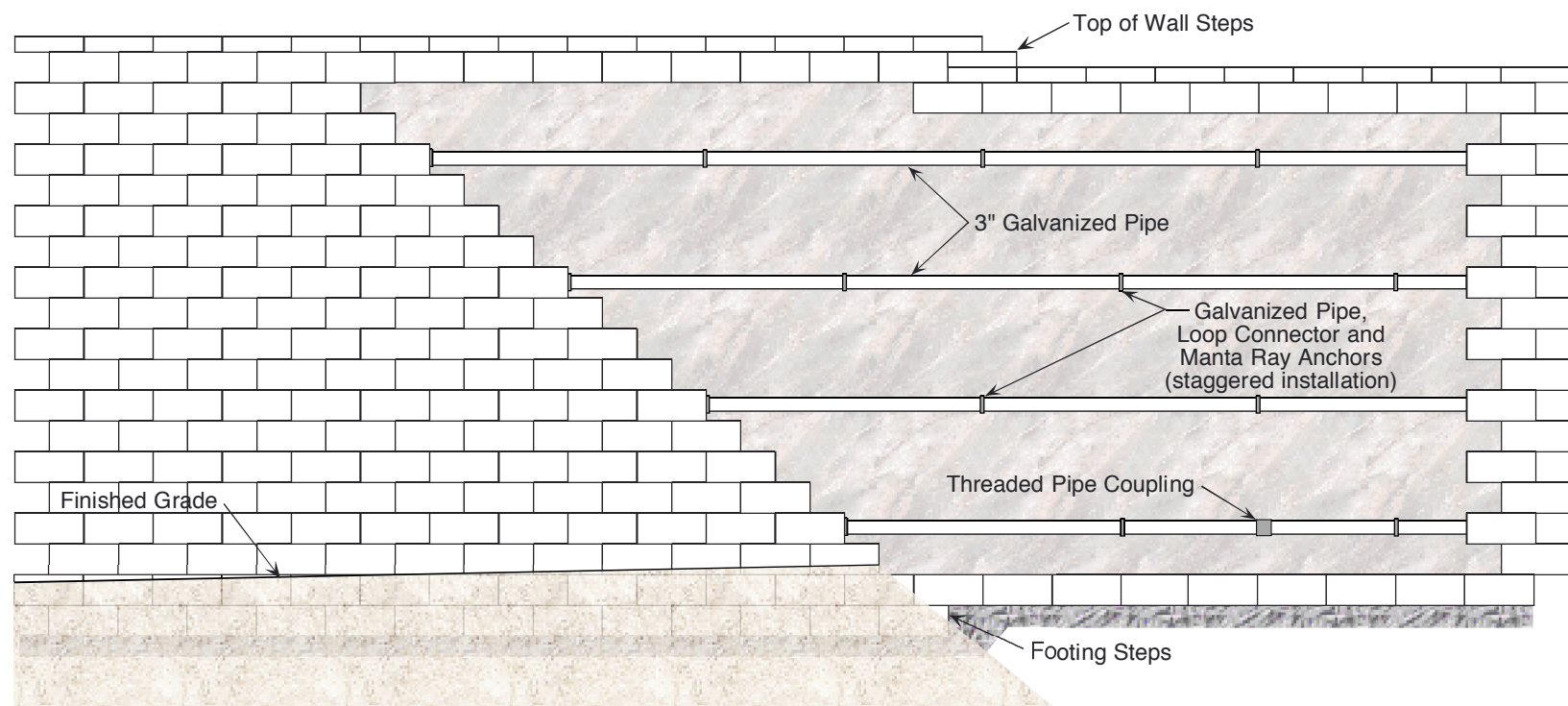
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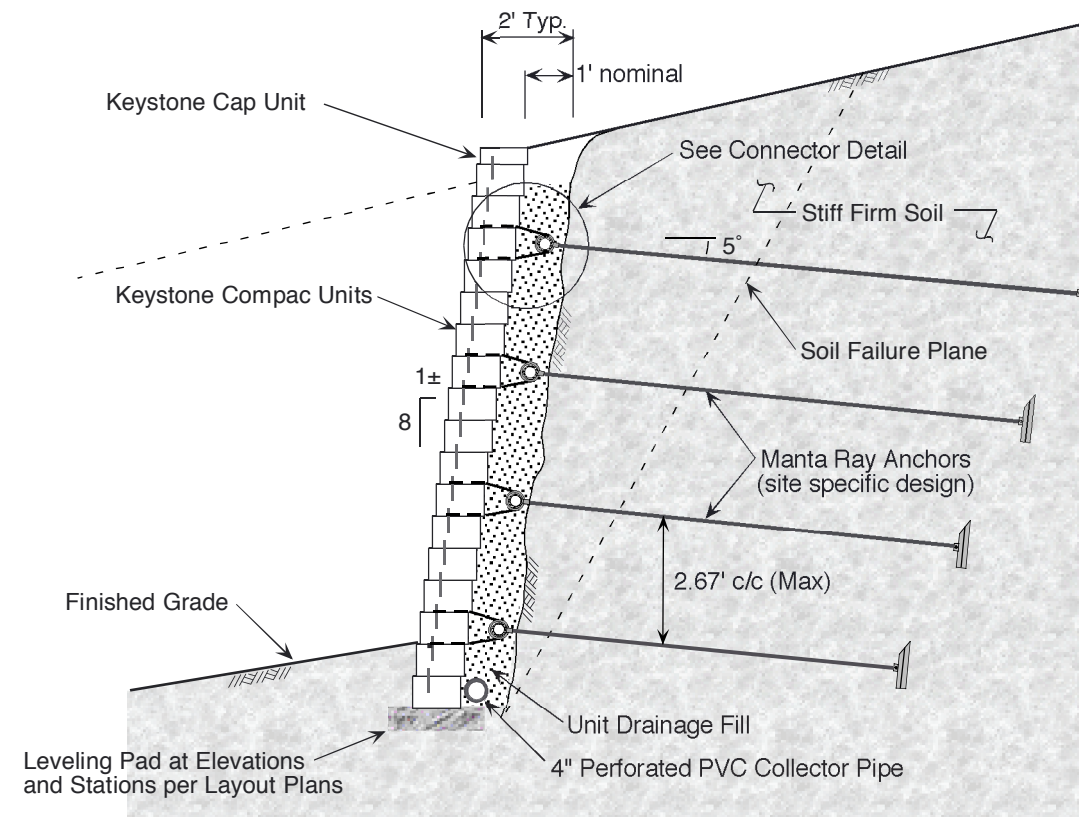
Typical Plan View



Typical Connector Detail



Typical Wall Elevation



Typical Manta Ray Anchor Section

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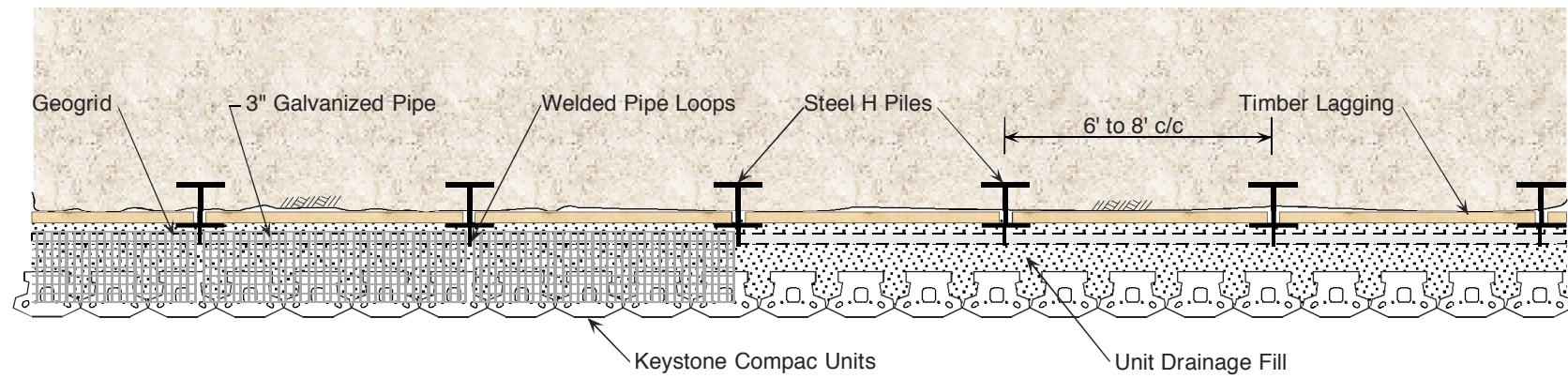


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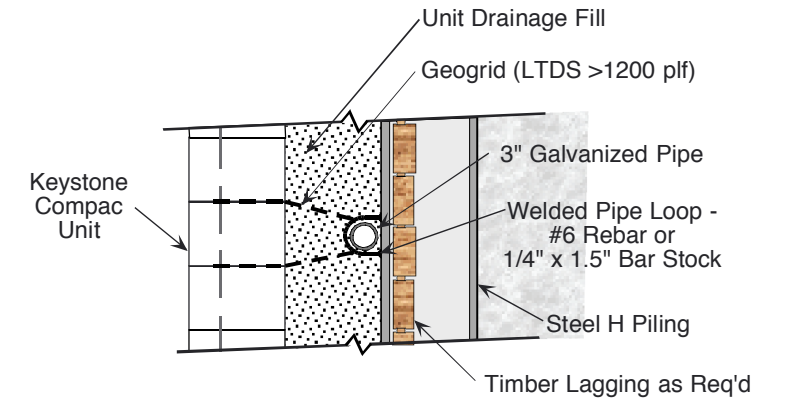
Specialty Applications

Manta Ray Anchor Facing

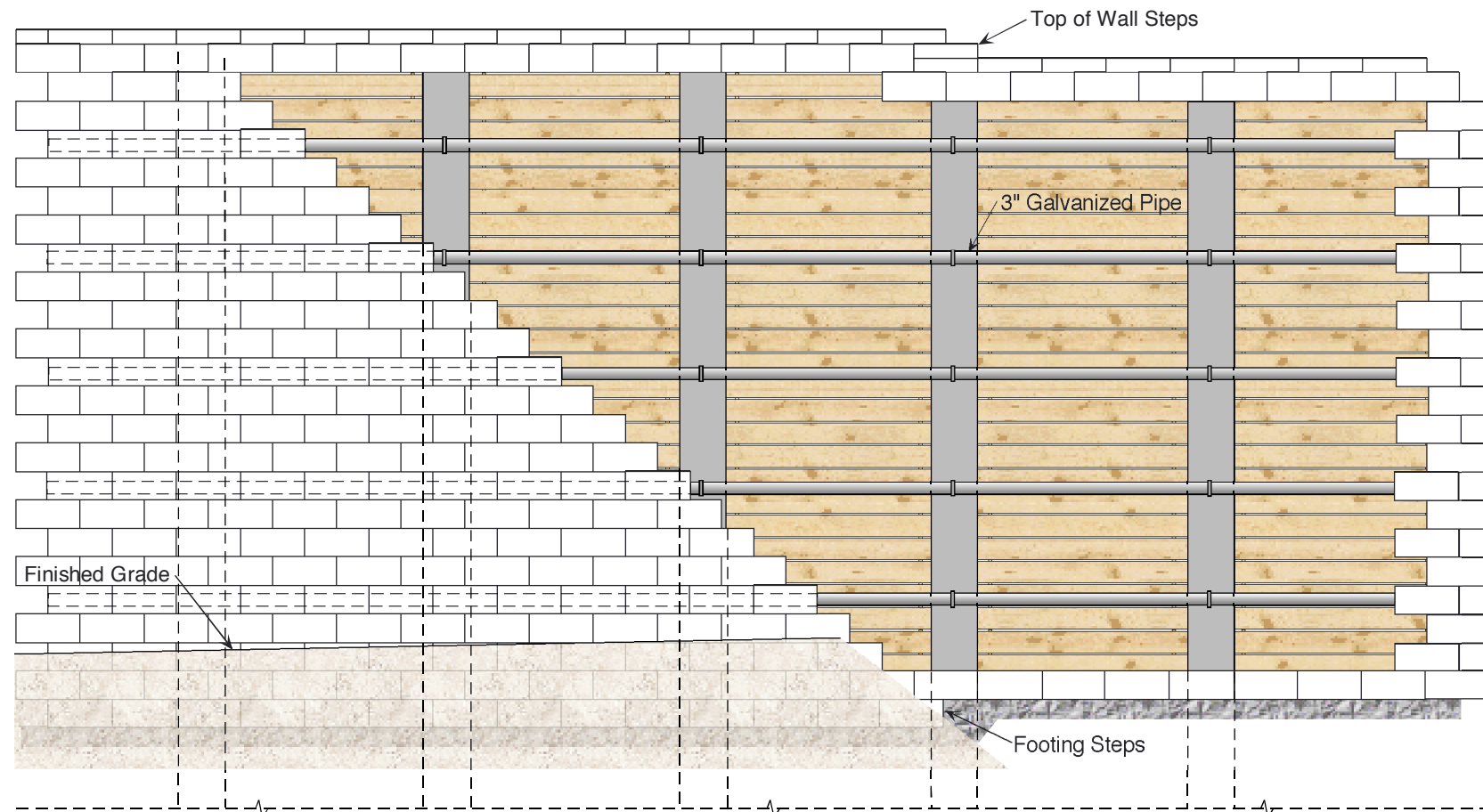
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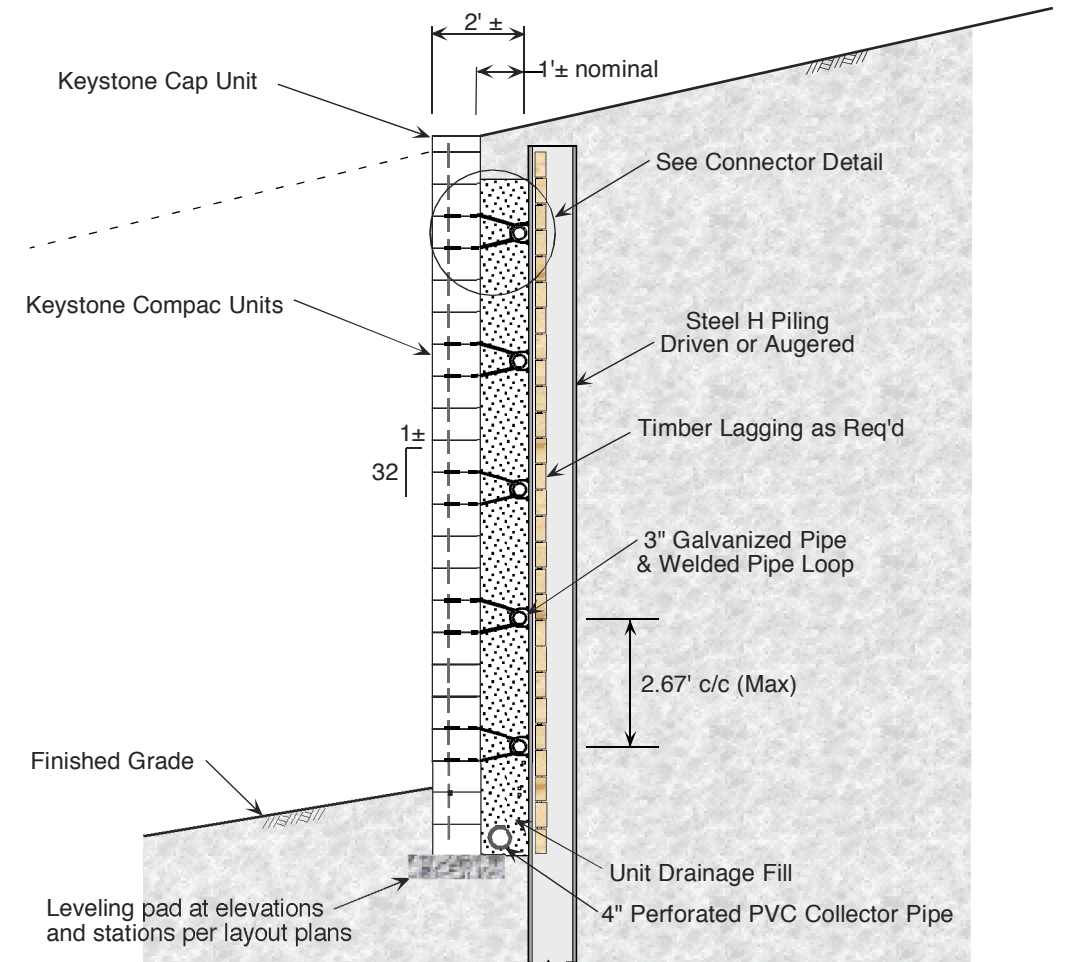
Typical Plan View



Typical Connector Detail



Typical Wall Elevation



Typical Pile & Lagging Wall Section

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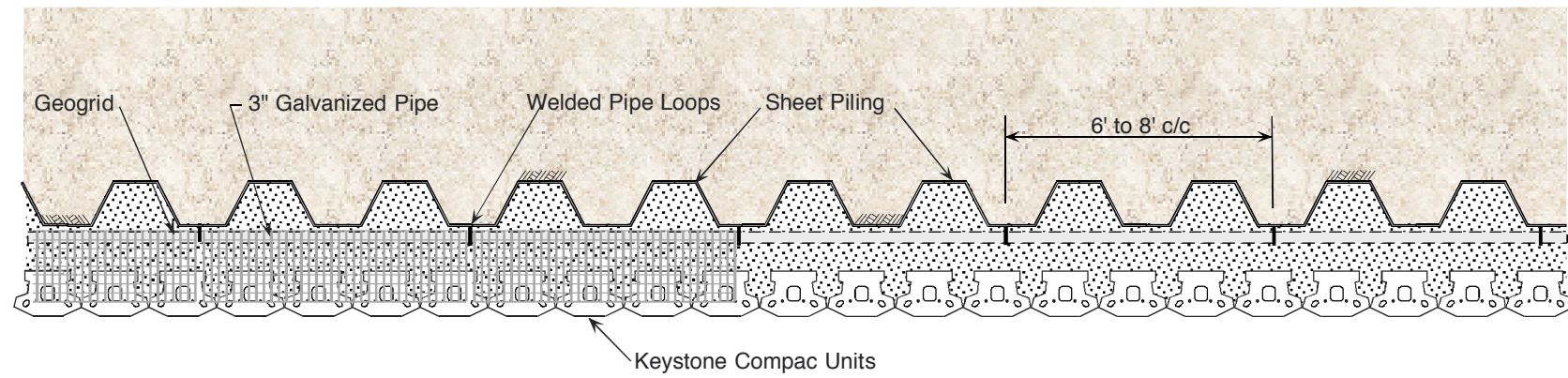


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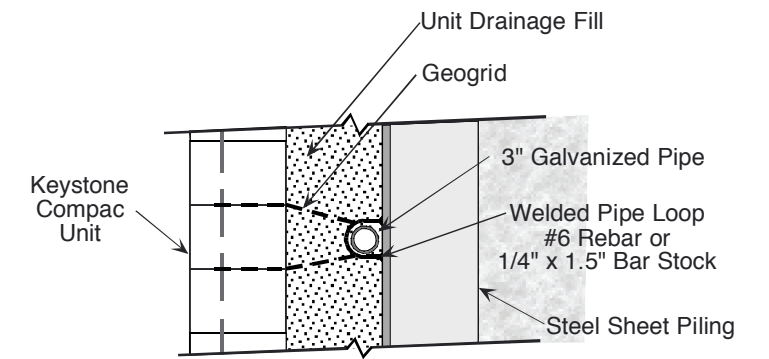
Specialty Applications

Soldier Pile Facing

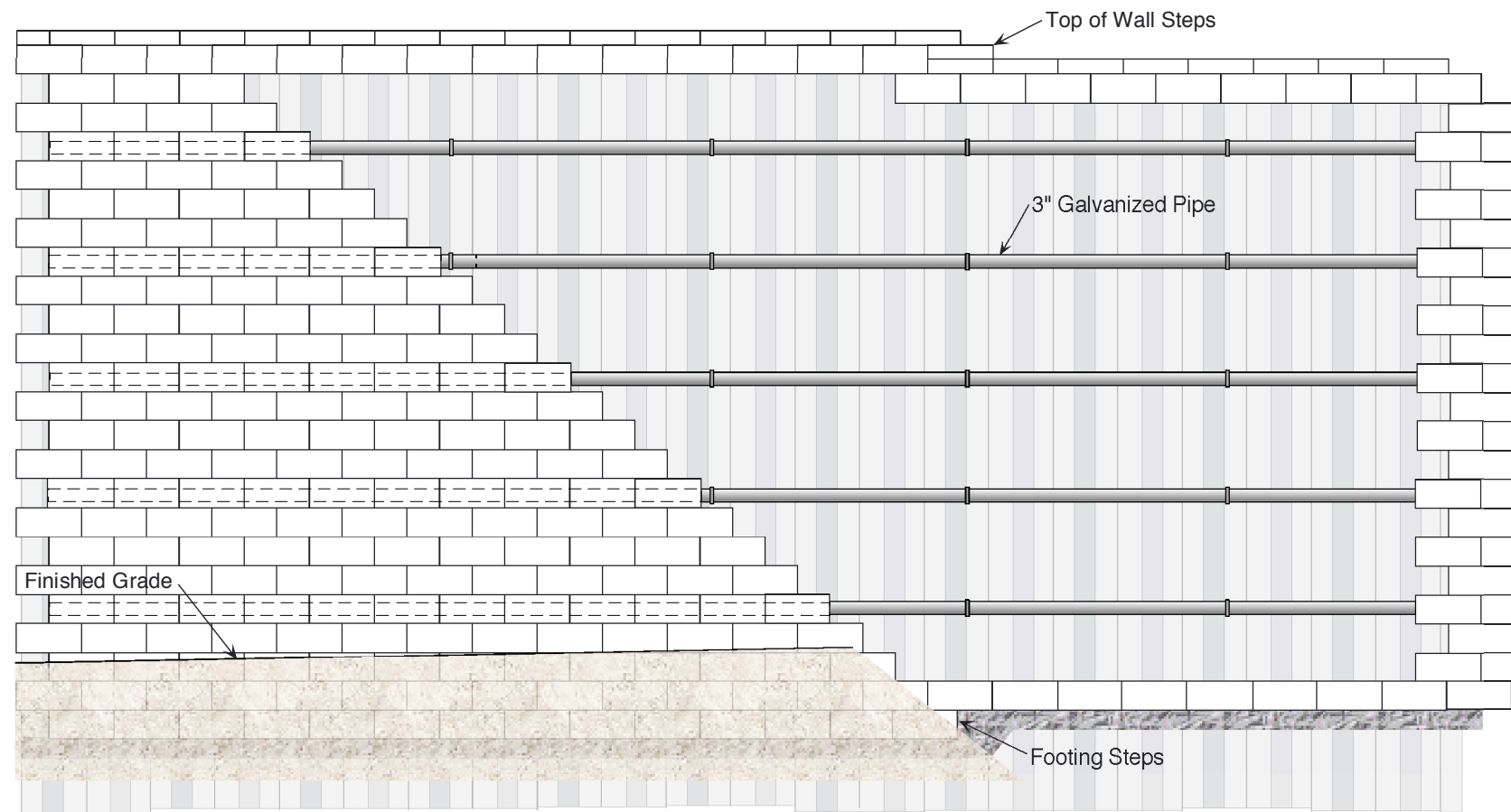
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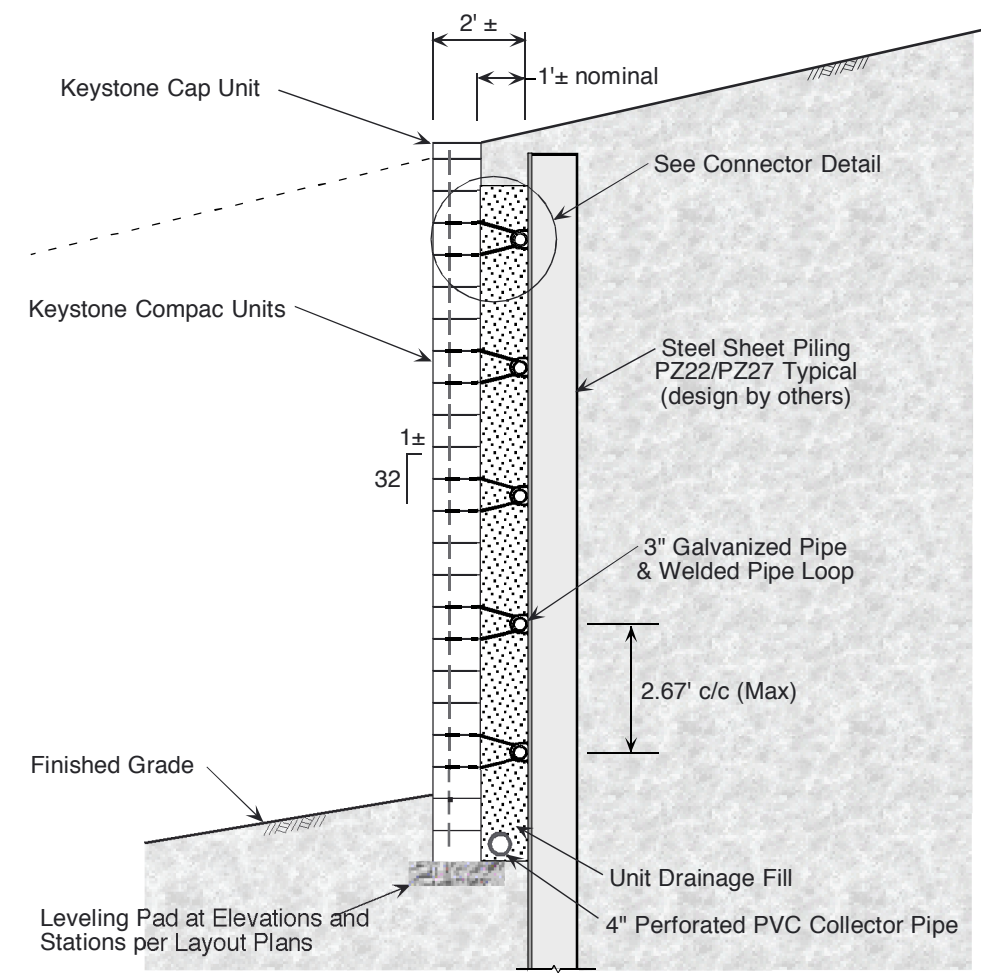
Typical Plan View



Typical Connector Detail



Typical Wall Elevation



Typical Sheet Piling Wall Section

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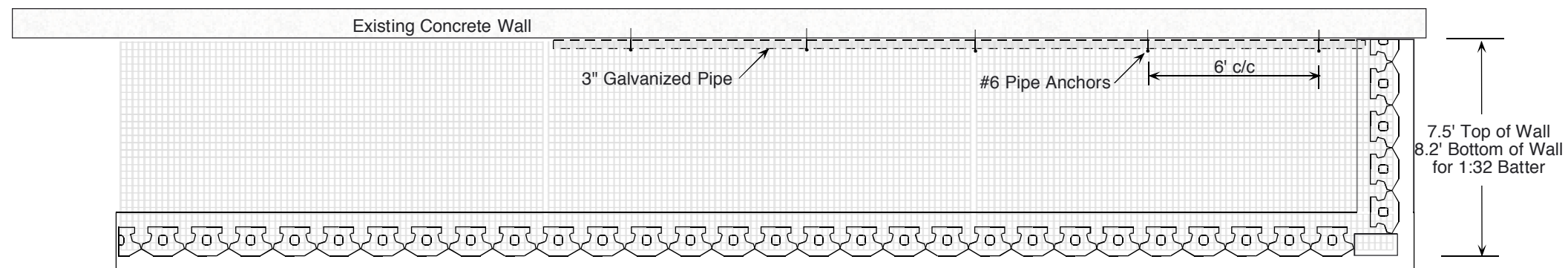
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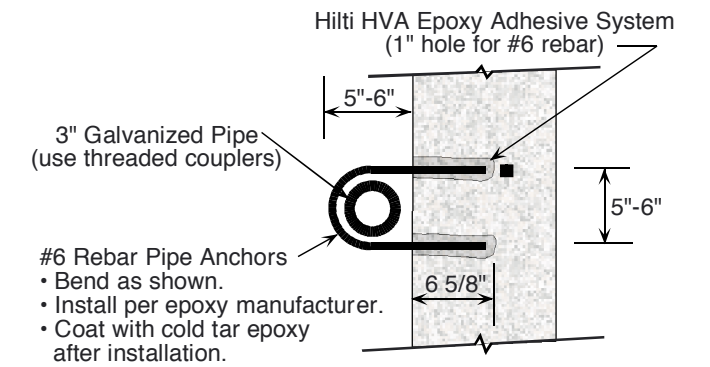
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Specialty Applications
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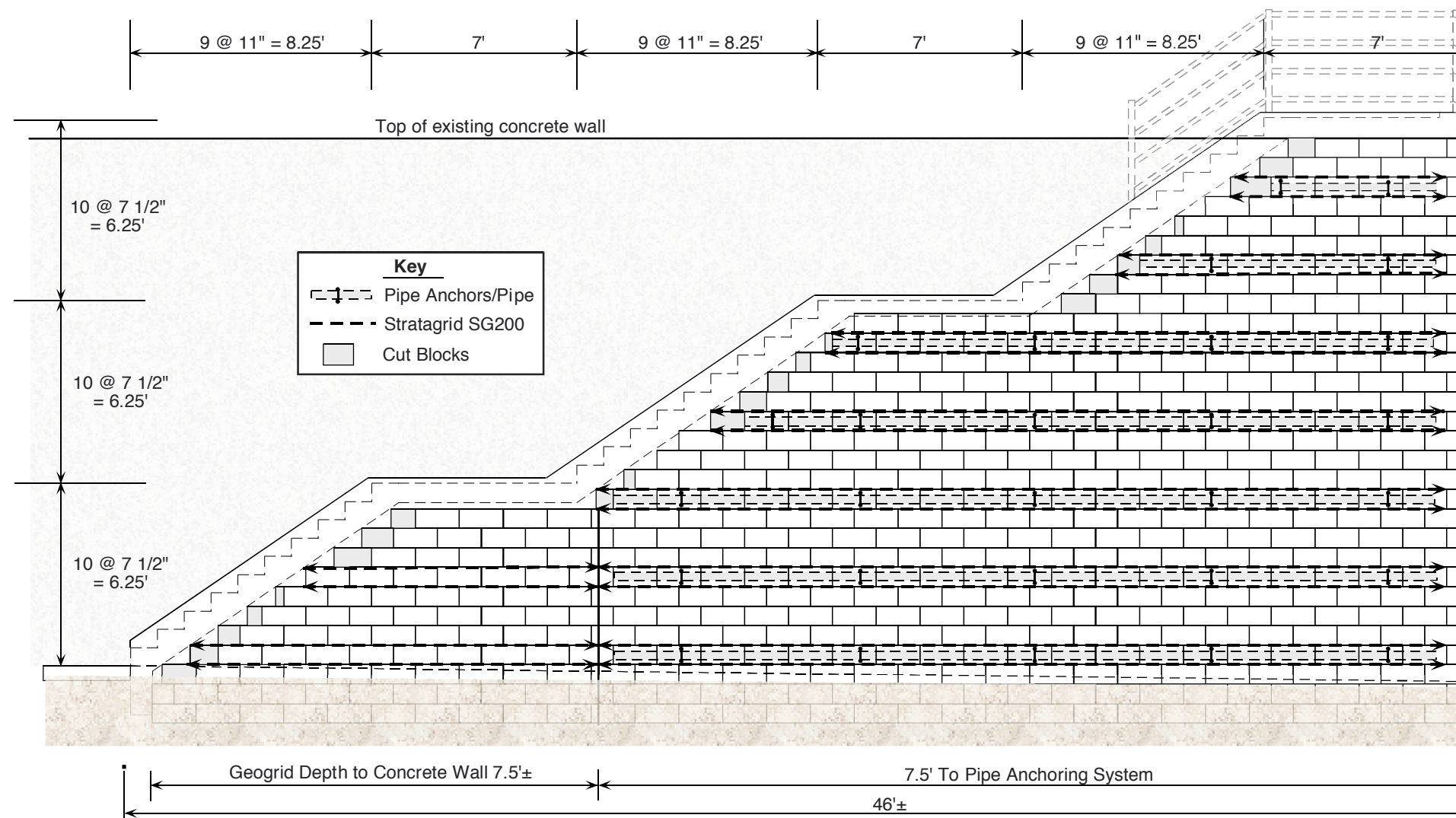
Sheet Pile Facing
 Project No:
 Drawing No. 6



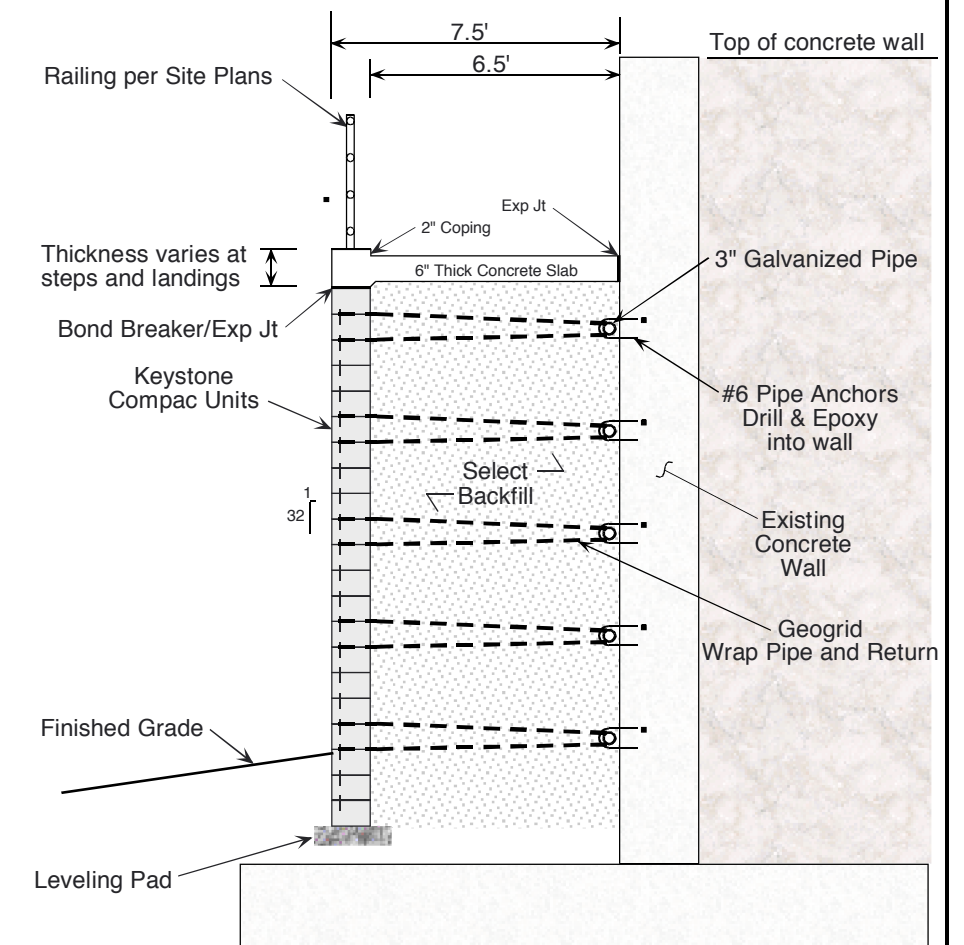
Plan View - Front Face



Pipe Anchor Detail



Elevation - Front Face



Typical Section - Second Landing

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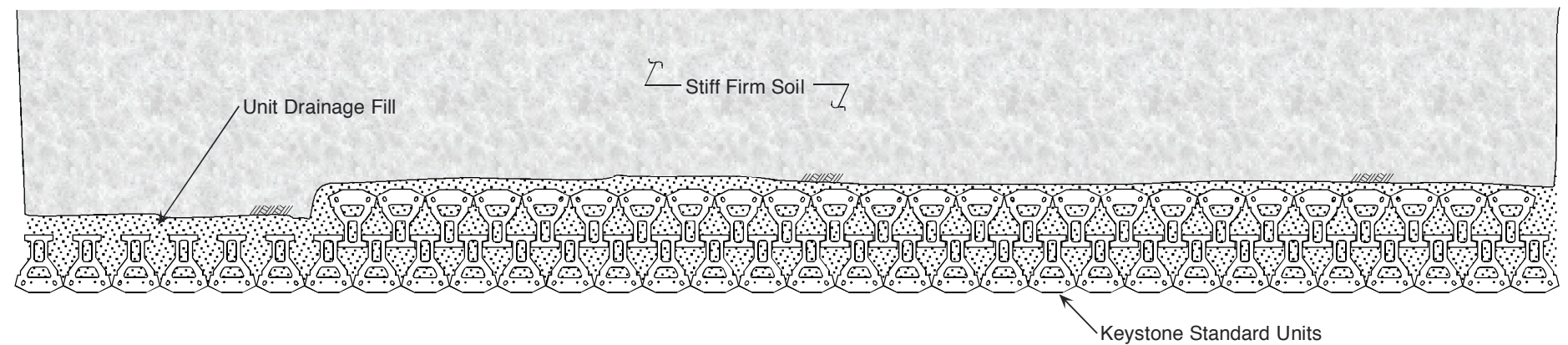
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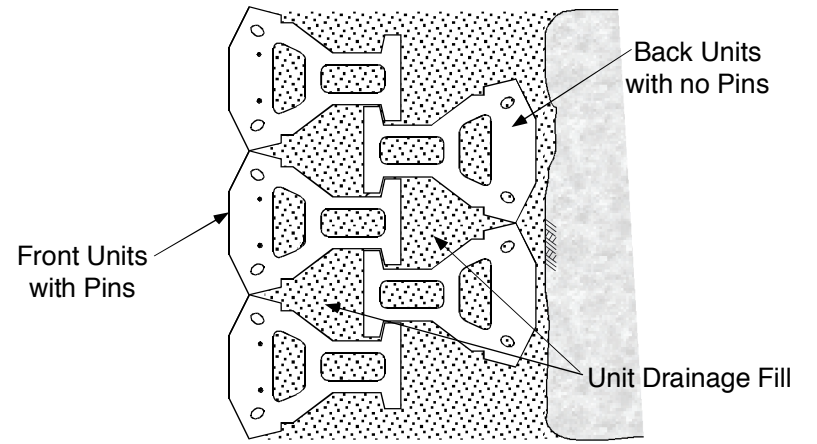
Stairway Facing/ Concrete Wall

Project No:

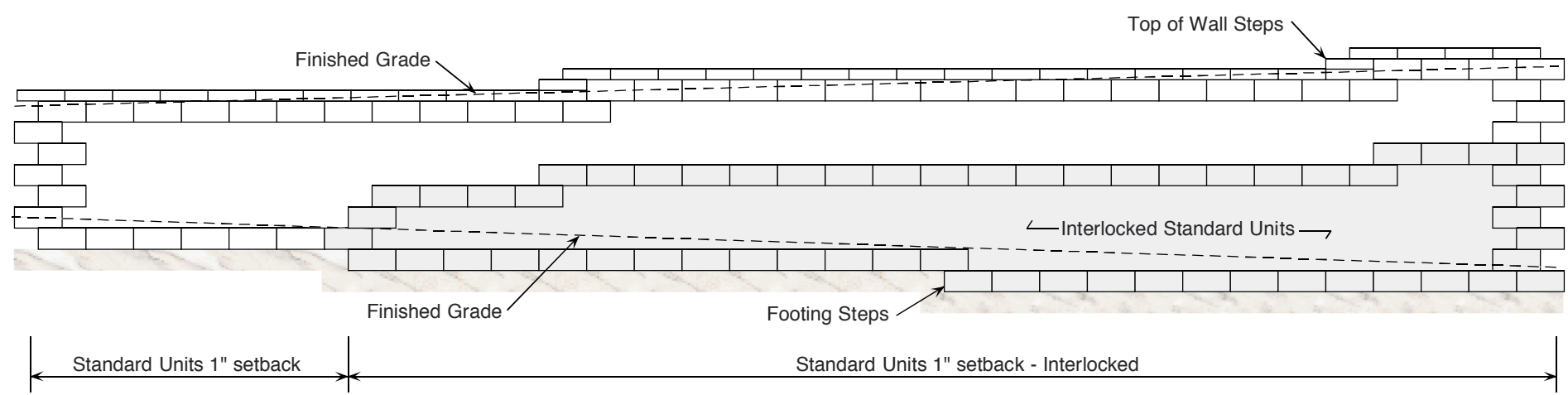
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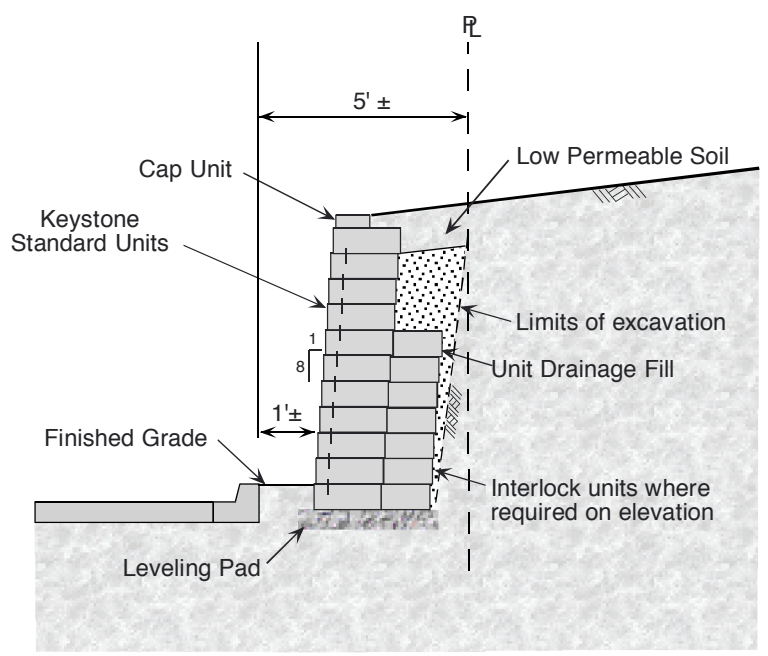
Typical Plan View



Typical Detail



Typical Wall Elevation



Typical Interlocked Wall Section

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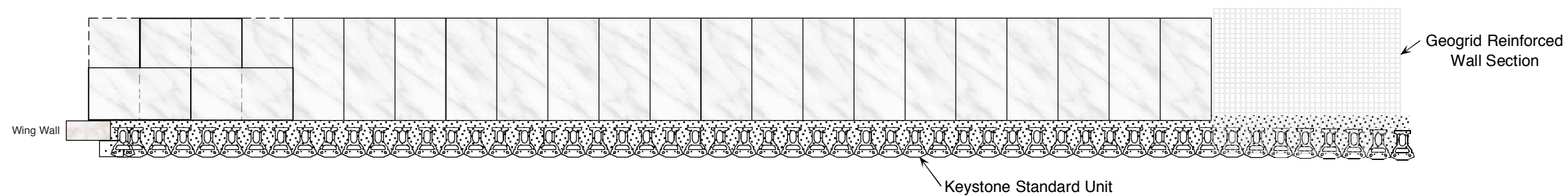
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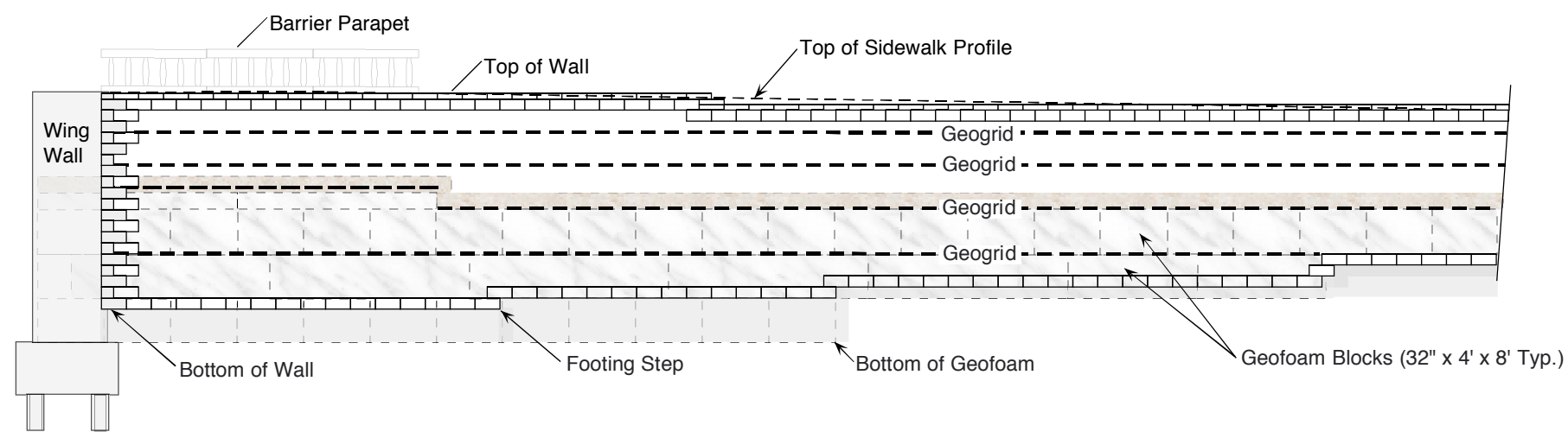
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Specialty Applications

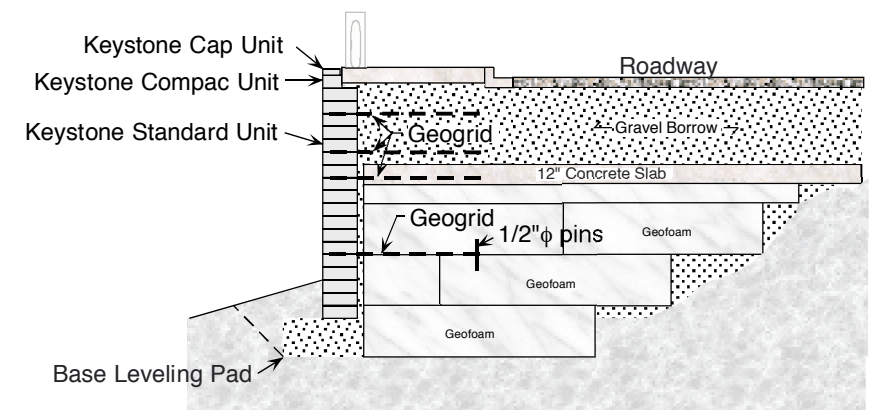
Interlocking Standard Units
 Project No:
 Drawing No. 8



Typical Wall Plan



Elevation - Front Face



Typical Section

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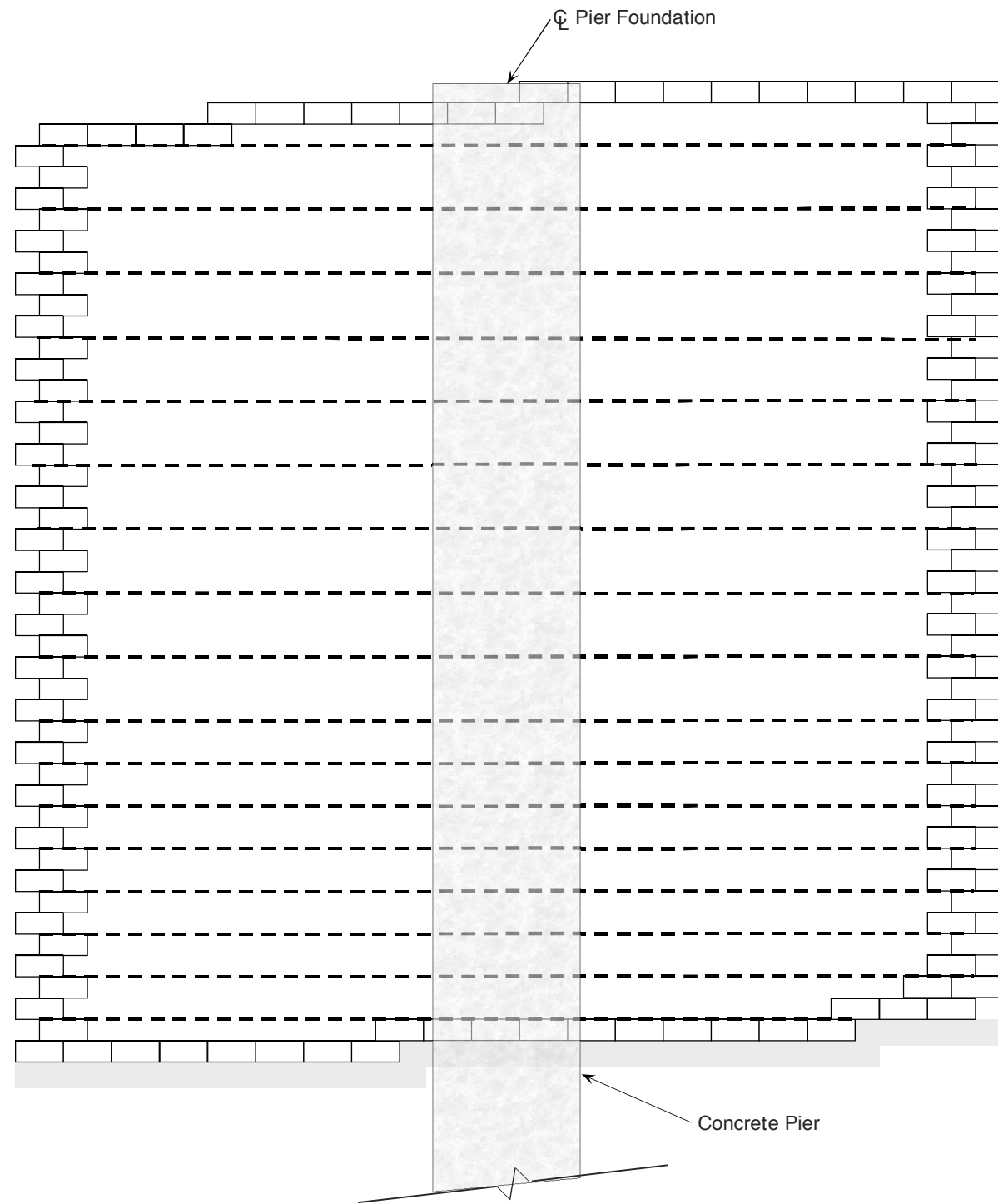


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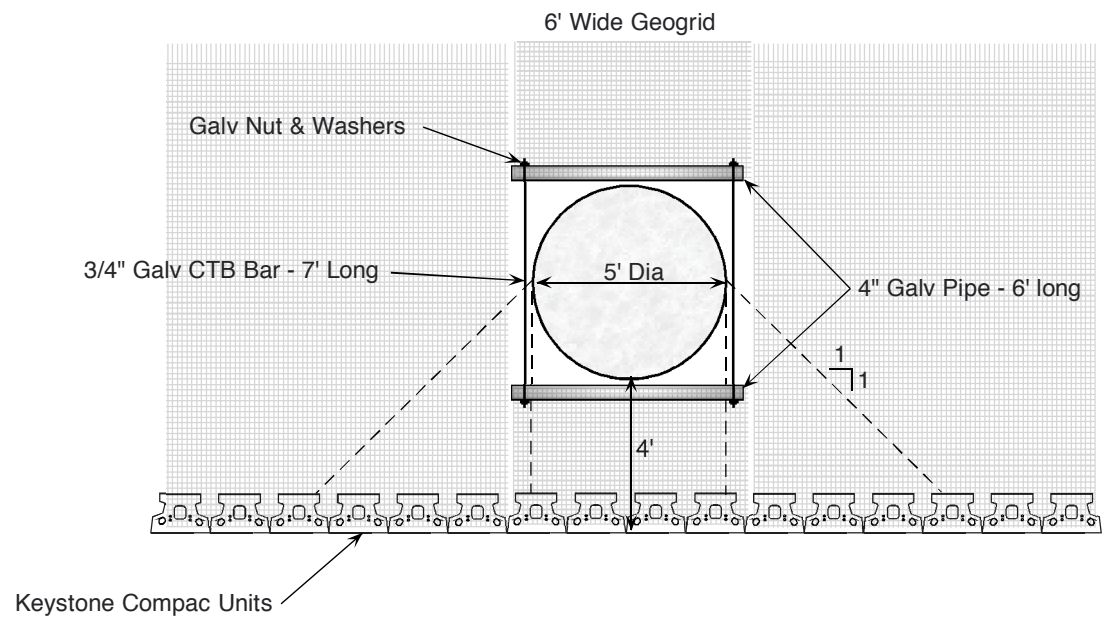
Specialty Applications

Keystone/Geofoam Wall

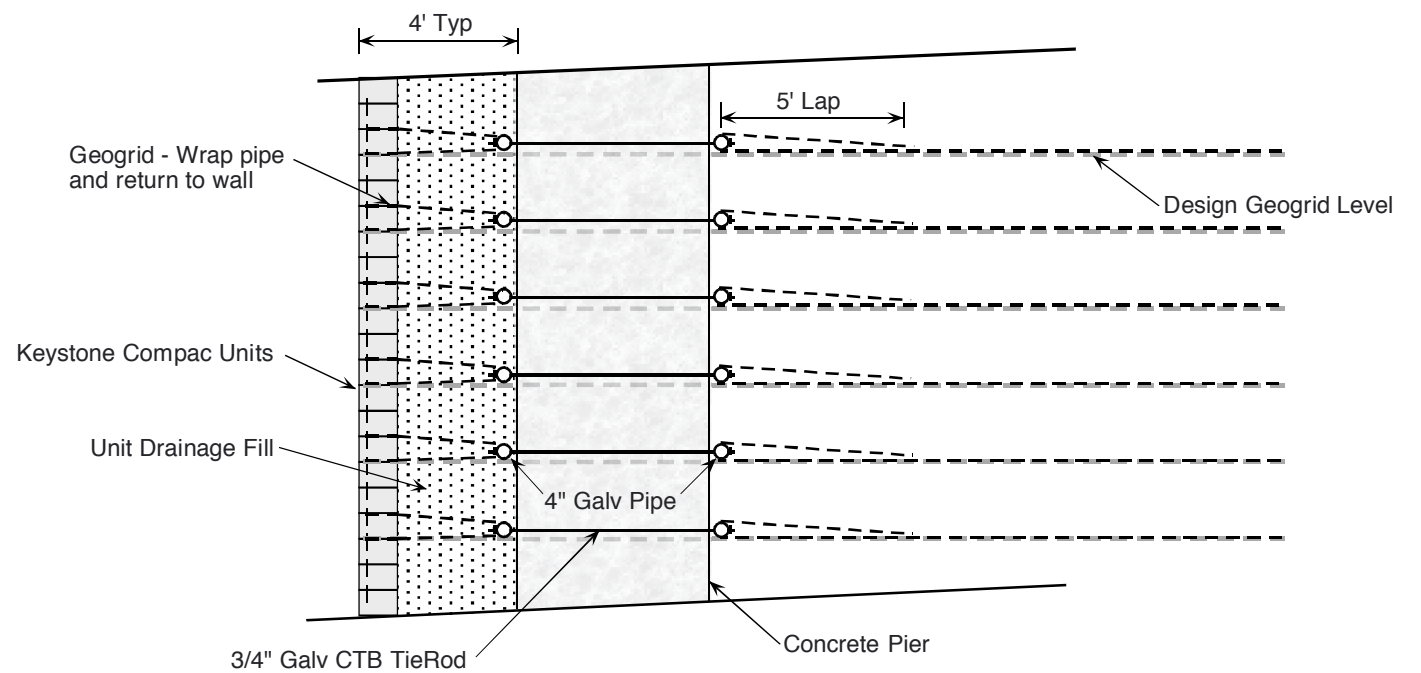
Project No: Drawing No. 9



Wall Elevation @ Pier



Wall Plan @ Pier



Wall Section @ Pier

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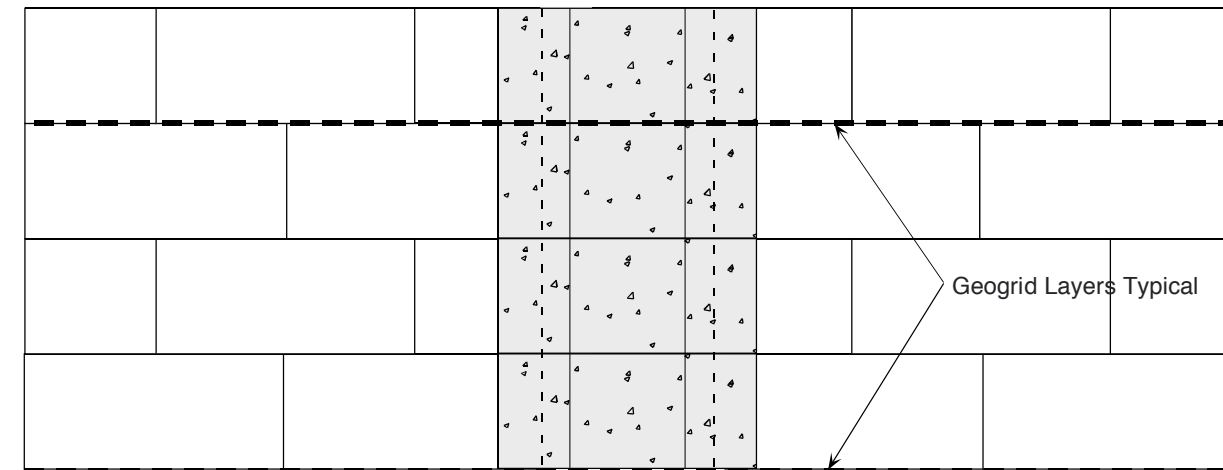
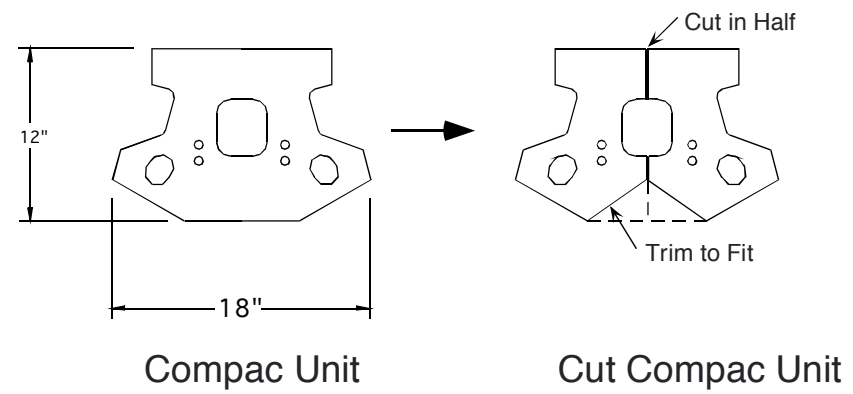
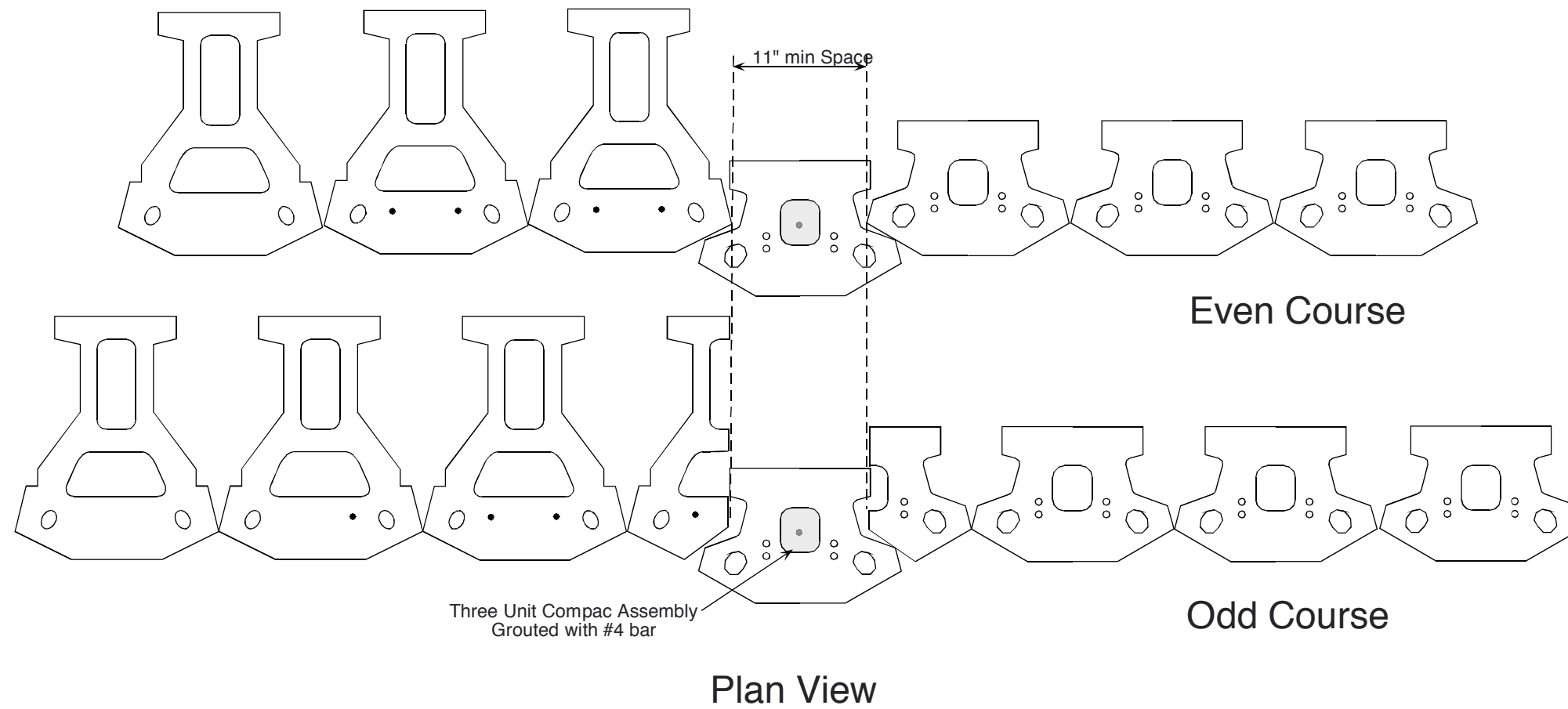
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Specialty Applications	
Scale:	

Foundation Obstruction	
Project No:	
Drawing No.	10



Front Elevation

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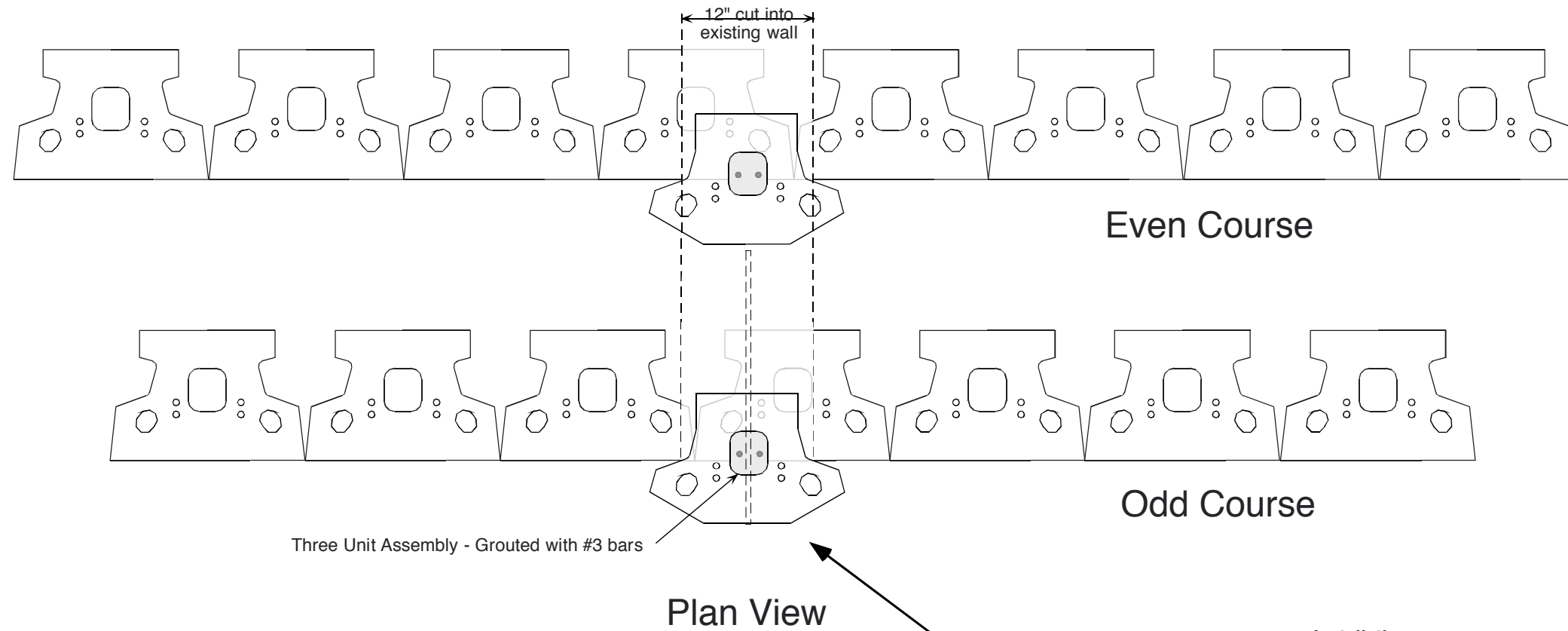
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Specialty Applications

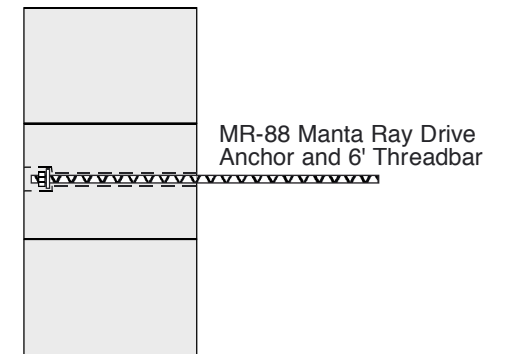
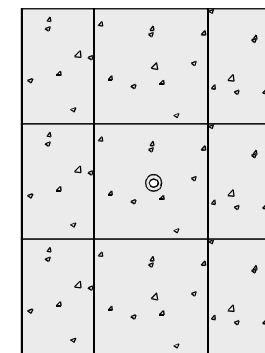
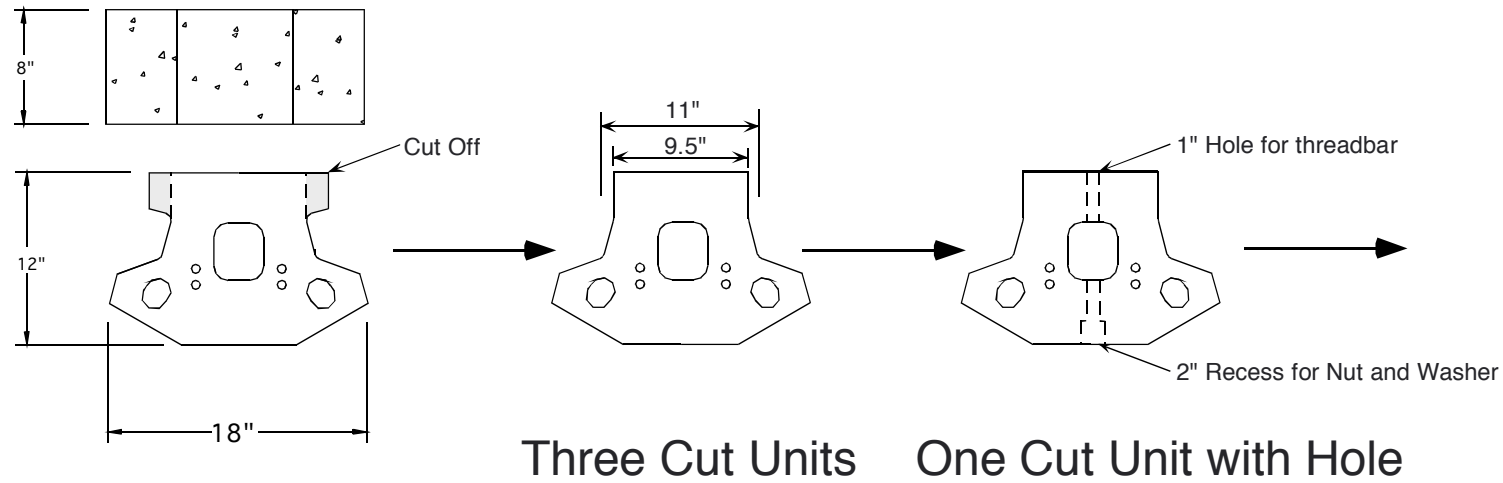
Slip Joint Installation

Project No:

Drawing No.



- Installation**
1. Cut out wall in 3-4 unit segments.
 2. Drive anchor into backfill and lock.
 3. Install three unit slip joint segment.
 4. Repeat as required.



3 Unit Assembly

Anchored 3 Unit Assembly

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Specialty Applications

In-Situ Slip Joint

Project No: Drawing No. 12