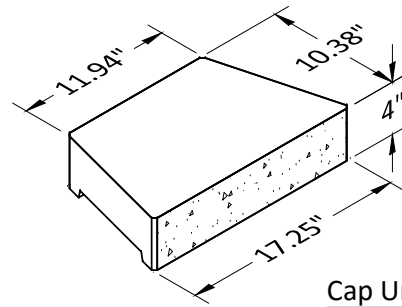
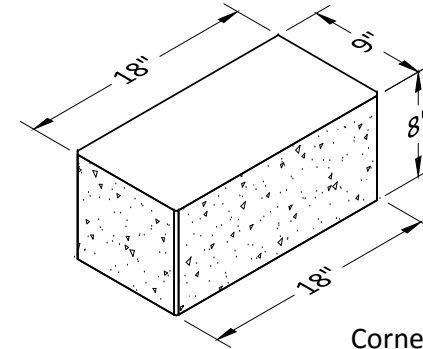


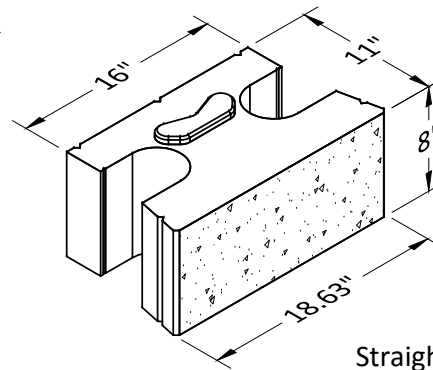
Tri-Plane Face Unit



Cap Unit

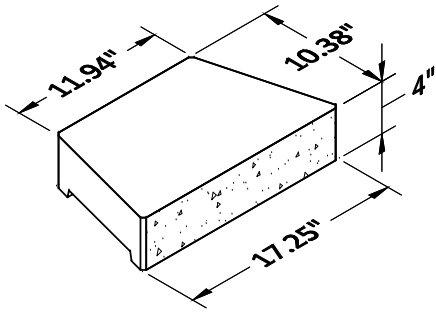


Corner Unit

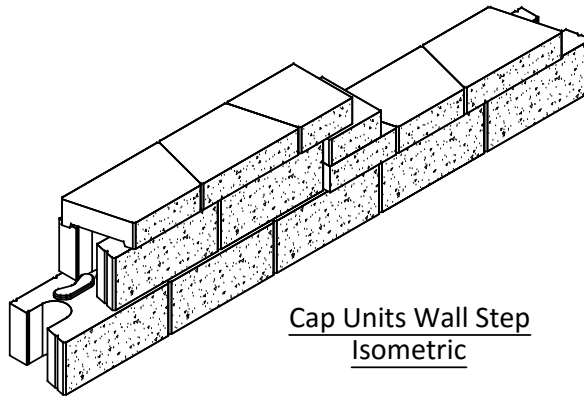


Straight Face Unit

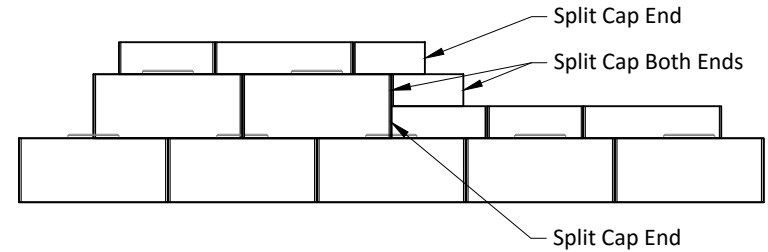
* Dimensions May Vary by Region



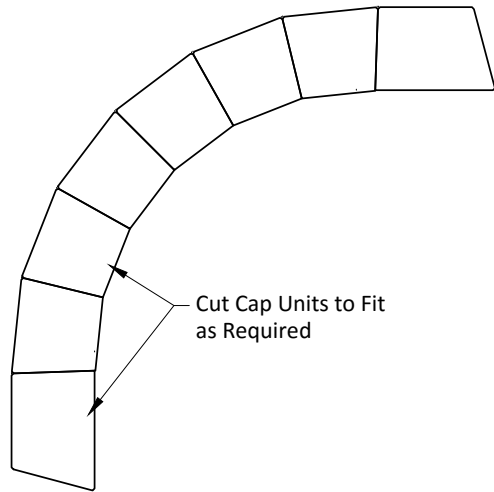
Cap Unit



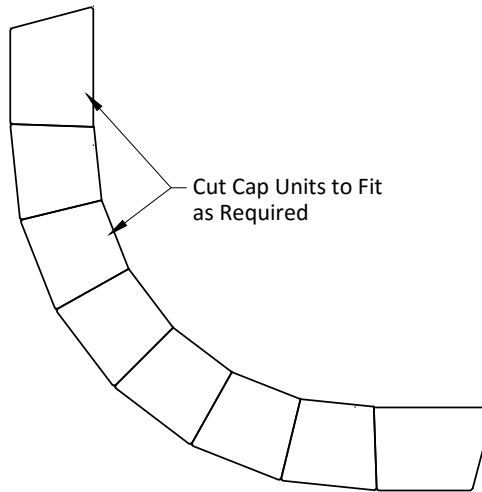
Cap Units Wall Step
Isometric



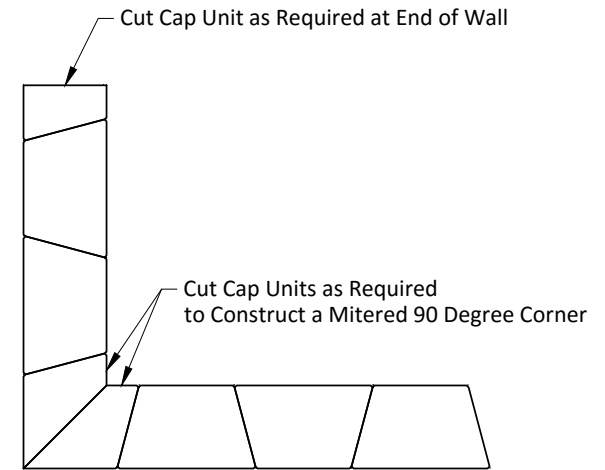
Cap Units Wall Step Plan



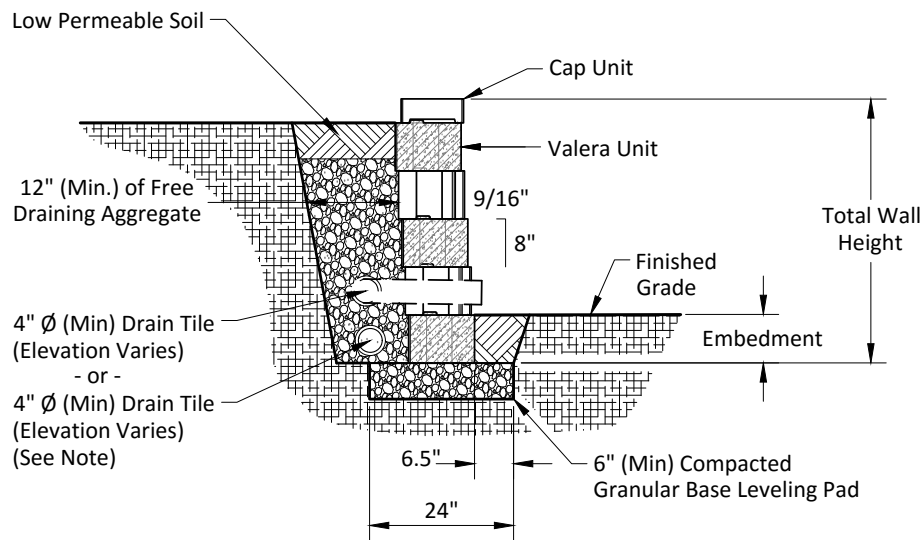
Cap Units Inside Curve



Cap Units Outside Curve



Cap Units Corner / Wall



Gravity Wall Typical Section

Note:

Drain should be at bottom of wall when possible.
Utilize raised drain location when bottom of wall drainage is not possible.

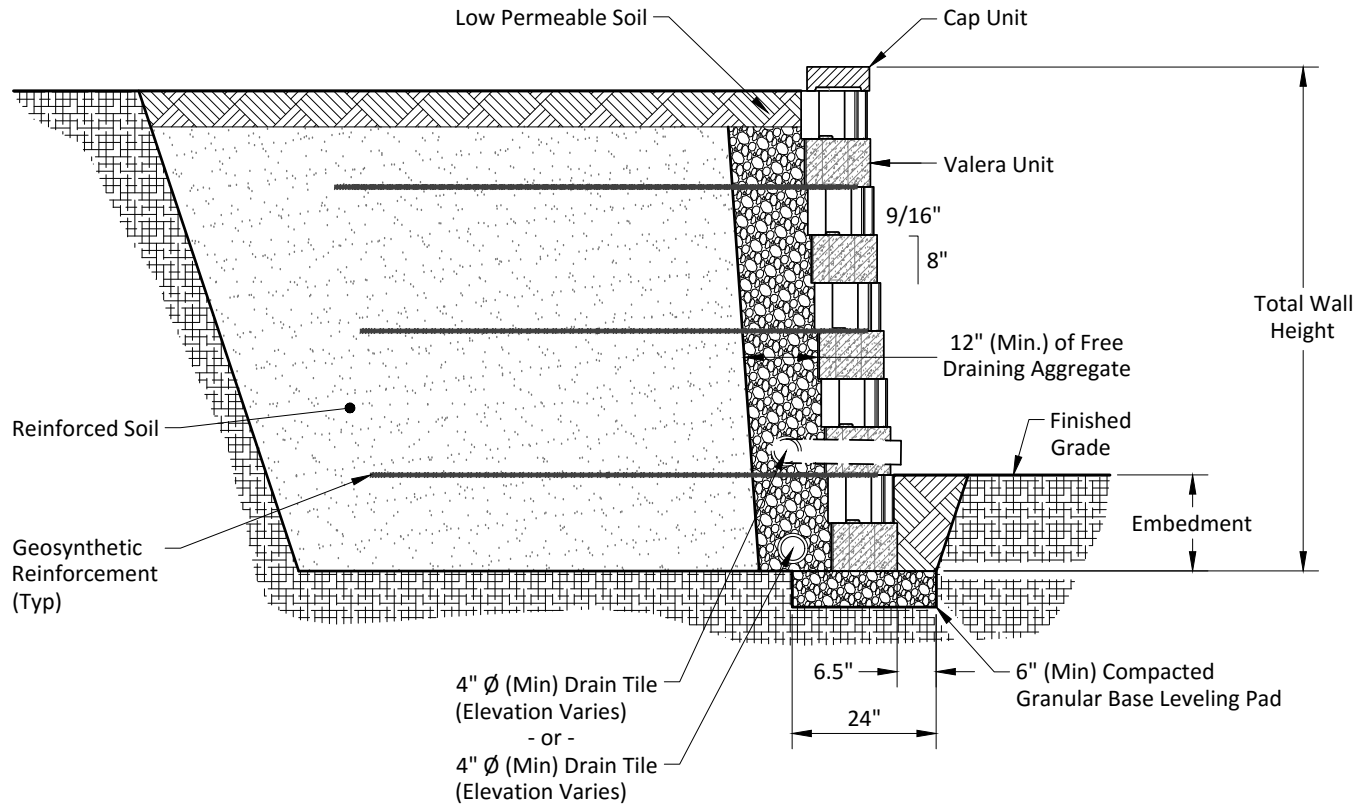
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952-897-1040

Project: Valera Details		
Designed By: RKM	Checked By: CDM	Scale: No Scale

Title: Gravity Wall Details		
Revision:	Date: 12-19-17	Drawing No: 3 of 11



Typical Reinforced Wall Section

Note:

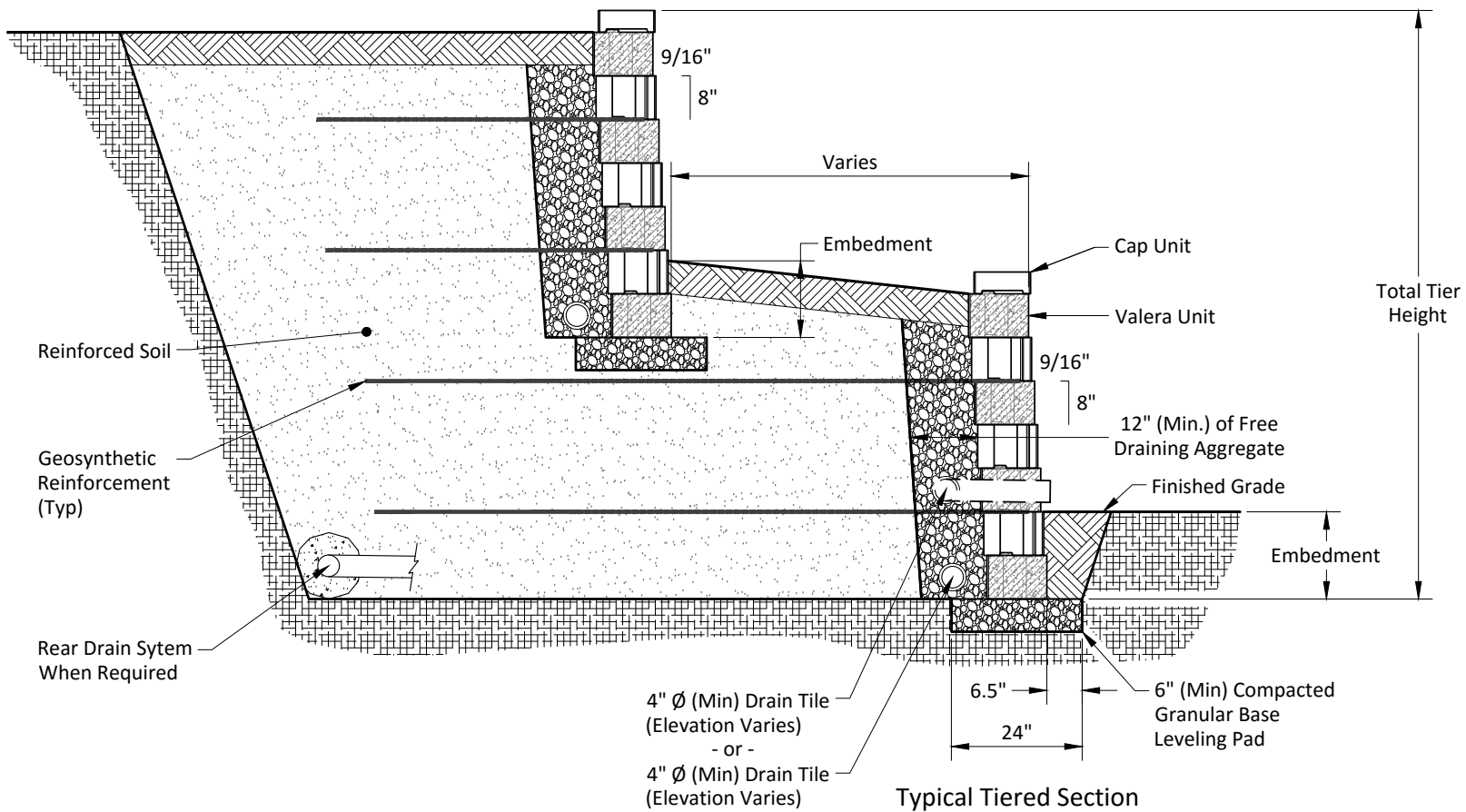
Drain should be at bottom of wall when possible.
Utilize raised drain location when bottom of wall drainage is not possible.

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Project: Valera Details			Title: Reinforced Wall Details		
Designed By: RKM	Checked By: CDM	Scale: No Scale	Revision:	Date: 12-19-17	Drawing No: 4 of 11



Note:

Drain should be at bottom of wall when possible.
Utilize raised drain location when bottom of wall drainage is not possible.



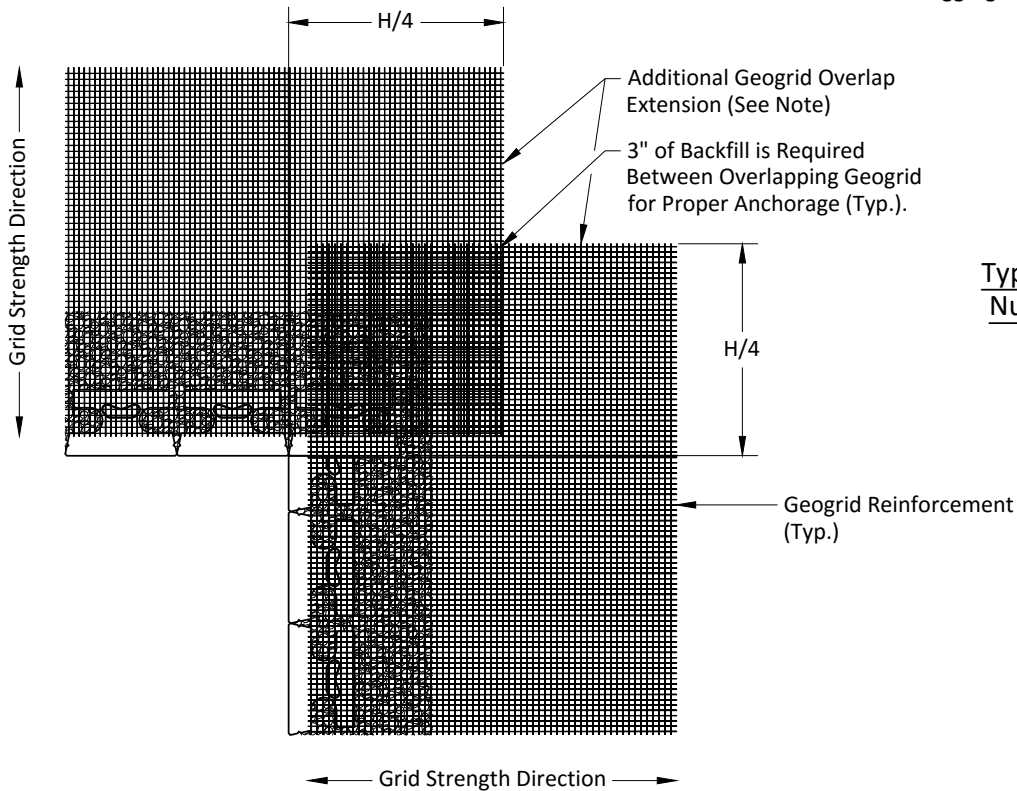
Project: Valera Details			Title: Tiered Wall Details		
Designed By: RKM	Checked By: CDM	Scale: No Scale	Revision:	Date: 12-19-17	Drawing No: 5 of 11

Geogrid Note:

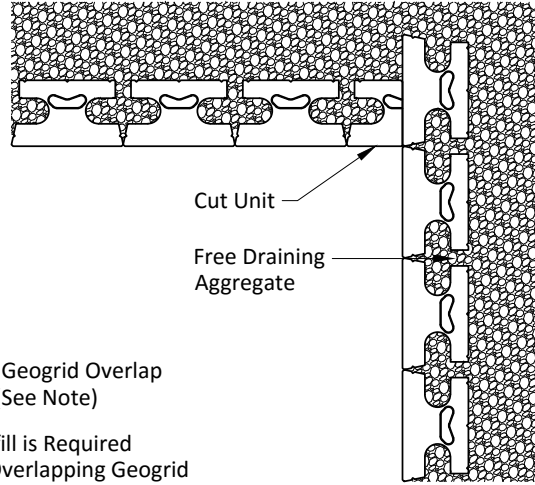
Measure, cut and orient the geogrid, as per the engineers design and the geogrid manufacturers specifications on correct strength direction.

Extend geogrid the wall height / 4 (H / 4) beyond the adjoining wall face at inside wall corners.

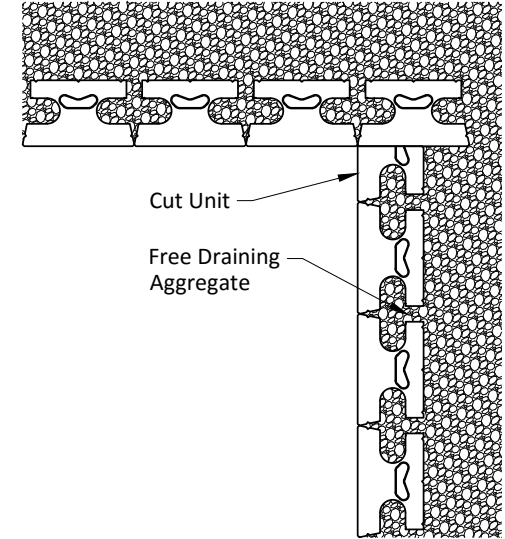
The reinforcement should not extend into the retaining wall units on the perpendicular leg of the 90 degree corner.



Inside Corner Plan with Geogrid



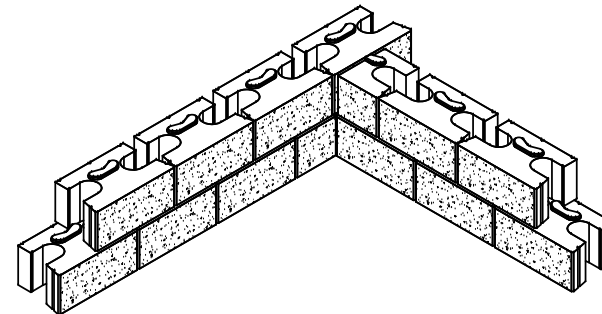
Typical Base and / or Odd Numbered Courses Plan



Typical 2nd and / or Even Numbered Courses Plan

Block Note:

Cut units as required to maintain running bond pattern.



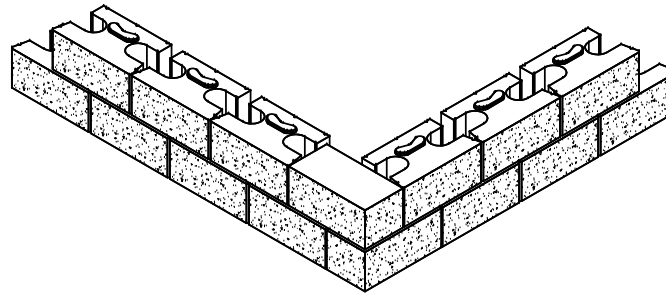
Inside Corner Isometric

Project: Valera Details			Title: Inside Corner Details		
Designed By: RKM	Checked By: CDM	Scale: No Scale	Revision:	Date: 12-19-17	Drawing No: 6 of 11

Geogrid Note:

Measure, cut and orient the geogrid, as per the engineers design and the geogrid manufacturers specifications on correct strength direction.

The reinforcement should not extend into the retaining wall units on the perpendicular leg of the 90 degree corner.



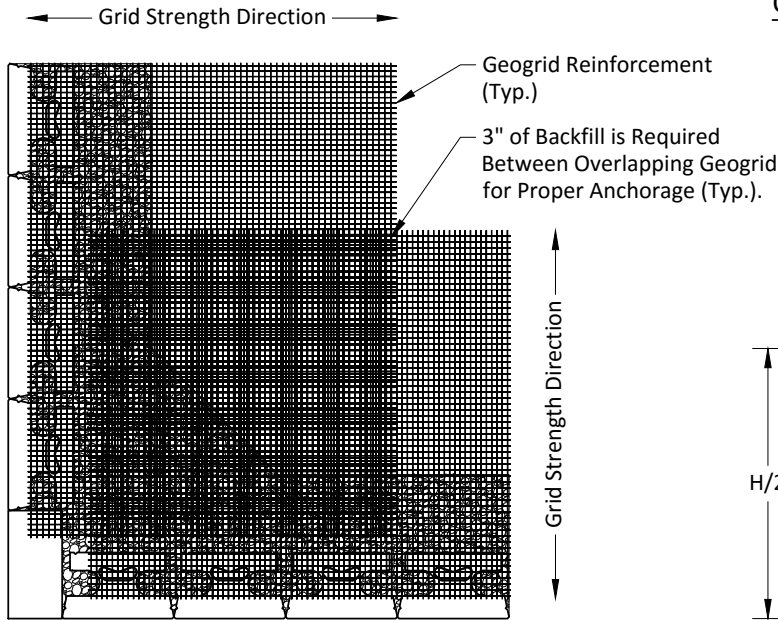
Block Note:

Cut units as required to maintain running bond pattern.

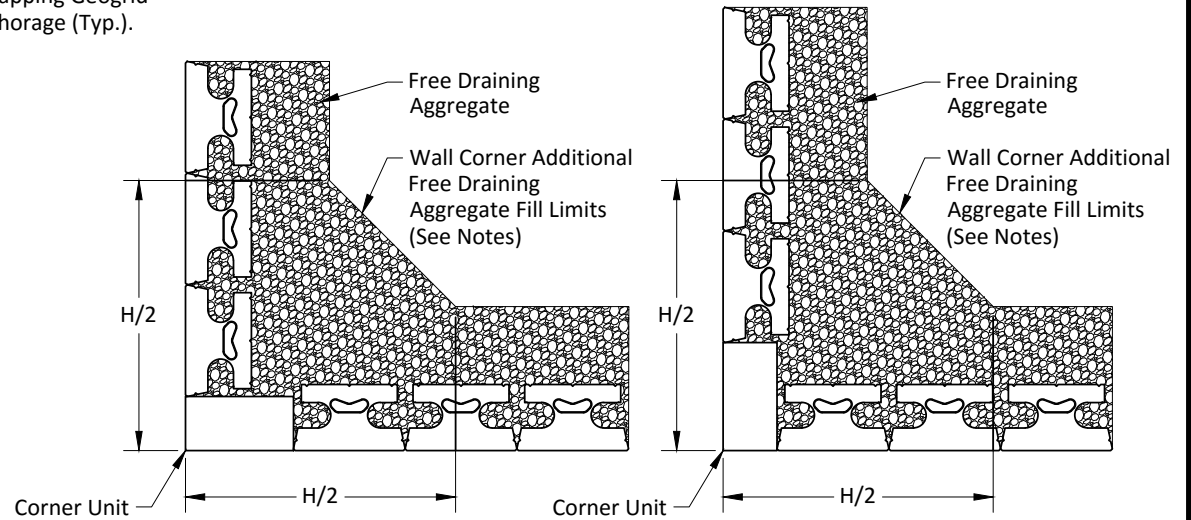
Free Draining Aggregate Note:

Place additional free draining aggregate fill at outside wall corners to extend back from wall face each way a distance equal to the wall height / 2 ($H / 2$).

Outside Corner Isometric

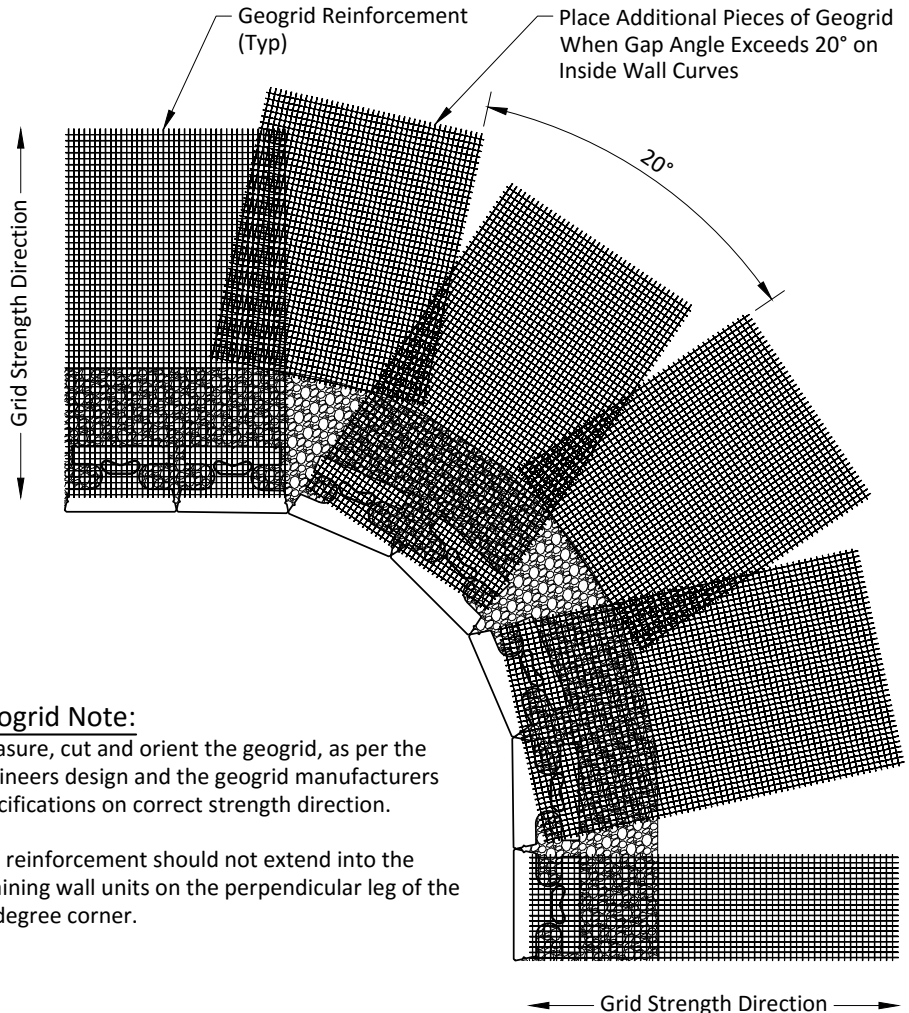


Outside Corner Plan with Geogrid



Typical Base and / or Odd Numbered Courses Plan

Typical 2nd and / or Even Numbered Courses Plan



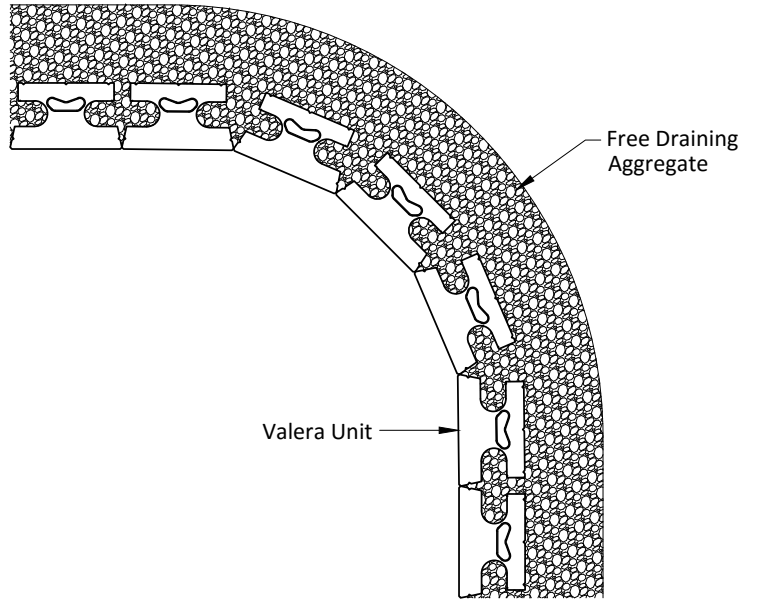
Geogrid Note:

Measure, cut and orient the geogrid, as per the engineers design and the geogrid manufacturers specifications on correct strength direction.
 The reinforcement should not extend into the retaining wall units on the perpendicular leg of the 90 degree corner.

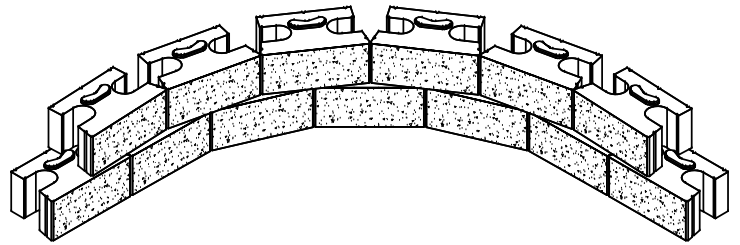
Inside Curve Plan with Geogrid

Block Note:

Cut units as required to maintain running bond pattern.



Typical Inside Curve Plan



Inside Curve Isometric

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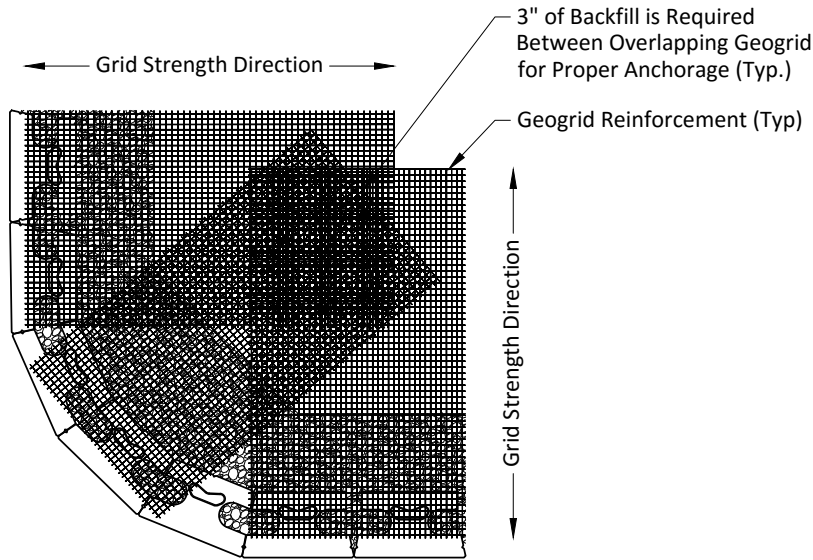


Project: Valera Details			Title: Inside Curve Details		
Designed By: RKM	Checked By: CDM	Scale: No Scale	Revision:	Date: 12-19-17	Drawing No: 8 of 11

Geogrid Note:

Measure, cut and orient the geogrid, as per the engineers design and the geogrid manufacturers specifications on correct strength direction.

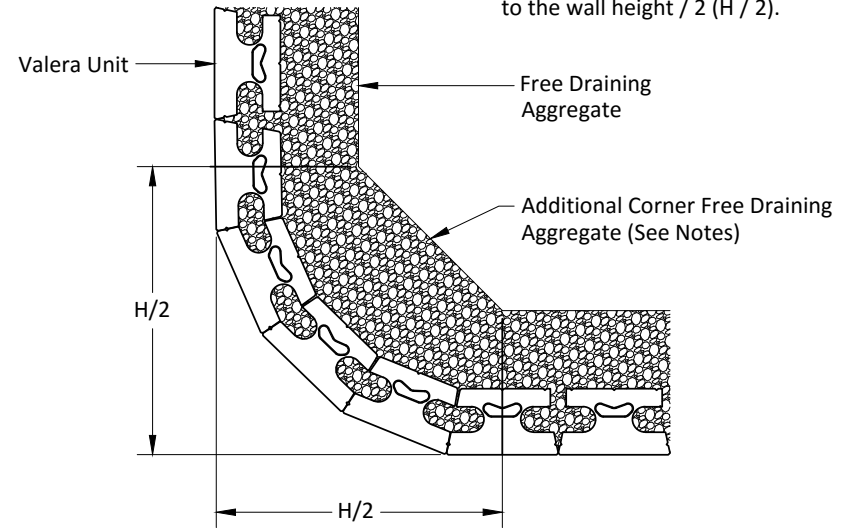
The reinforcement should not extend into the retaining wall units on the perpendicular leg of the 90 degree corner.



Outside Curve Plan with Geogrid

Free Draining Aggregate Note:

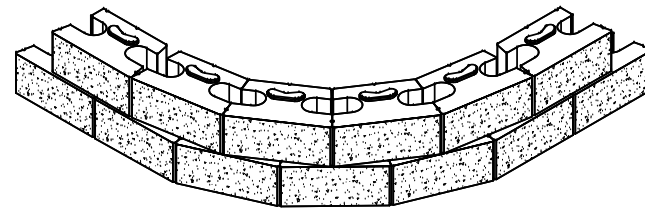
Place additional free draining aggregate fill at outside wall corners to extend back from wall face each way a distance equal to the wall height / 2 ($H / 2$).



Typical Outside Curve Plan

Block Note:

Cut units as required to maintain running bond pattern.

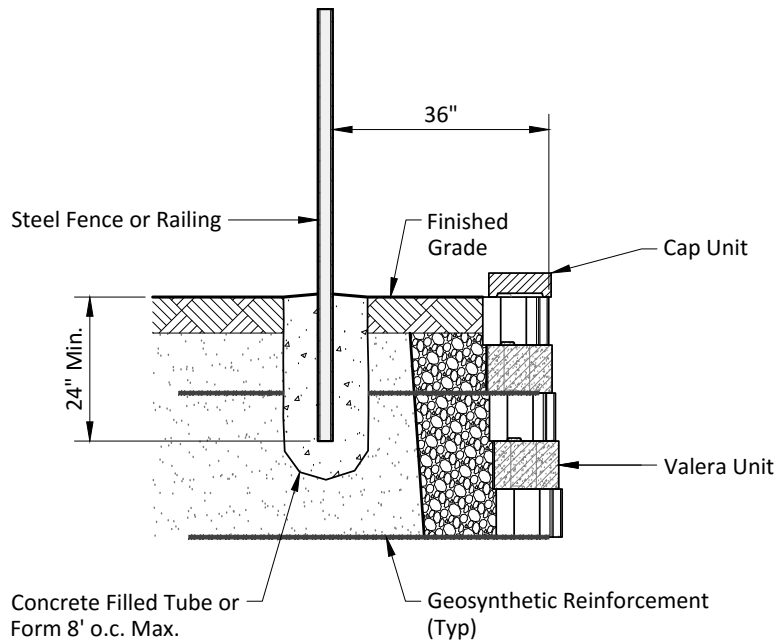


Outside Curve Isometric

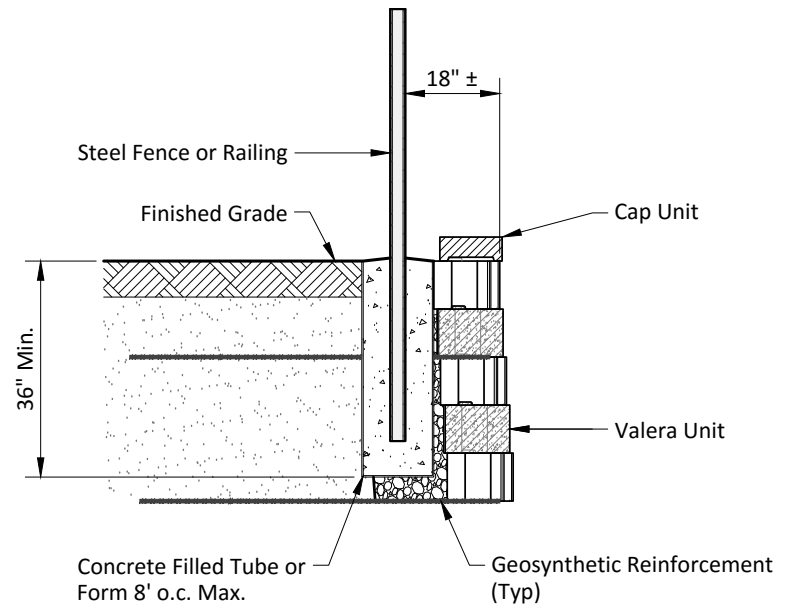
Project: Valera Details			Title: Outside Curve Details		
Designed By: RKM	Checked By: CDM	Scale: No Scale	Revision:	Date: 12-19-17	Drawing No: 9 of 11

Note:

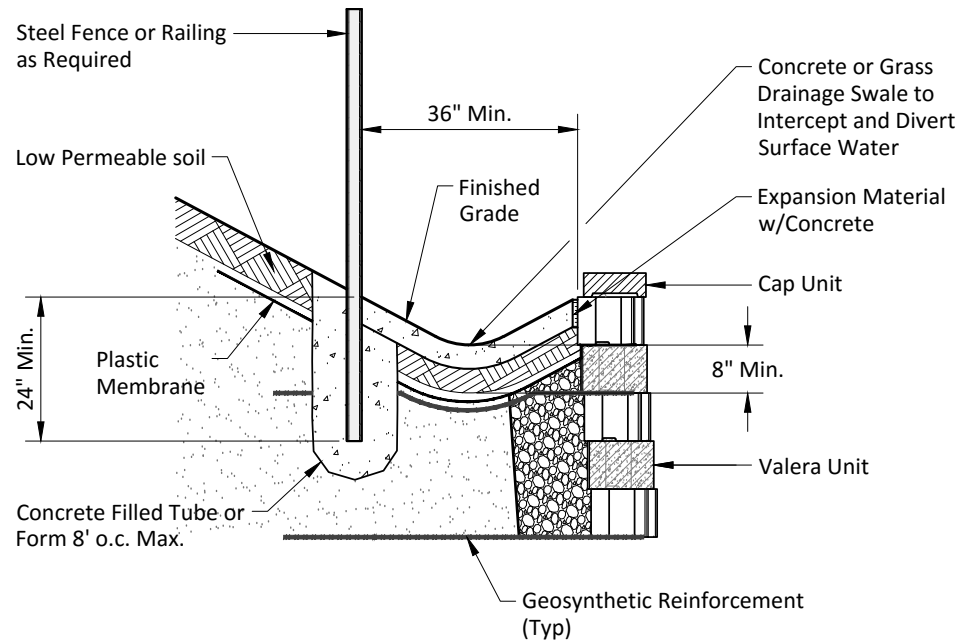
Concrete filled tube or form to be set during the wall construction, not drilled through geogrid afterwards when directly behind units.



Fence Section



Minimum Offset Fence Section



Drainage Swale Section

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Project: Valera Details		
Designed By: RKM	Checked By: CDM	Scale: No Scale

Title: Top of Wall Swale Details		
Revision:	Date: 12-19-17	Drawing No: 11 of 11