



SonomaStone[®]

1-800-UNILOCK | UNILOCK.COM

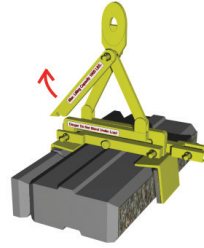
UNILOCK[®]
PAVERS & WALLS

SONOMASTONE®

CLASSIC



NATURAL



Clamps available at Unilock. Please contact your Unilock Territory Manager or call 1-800-UNILOCK.

PRODUCT ATTRIBUTES

Visual Appearance	Heavy-duty Retaining Wall with the appearance of hand-placed units.
Finish	Split and weathered.

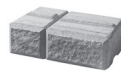
PRODUCT SPECIFICATIONS



STANDARD
 $14\frac{3}{4} \times 47\frac{1}{4} \times 7\frac{1}{4}$ "
 375 x 1200 x 185mm



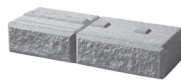
COPING
 $14\frac{3}{4} \times 47\frac{1}{4} \times 7\frac{1}{4}$ "
 375 x 1200 x 185mm



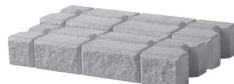
TAPERED STANDARD
 $14\frac{3}{4} \times 23\frac{1}{4} \times 7\frac{1}{4}$ "
 375 x 590 x 185mm



TAPERED COPING
 $14\frac{3}{4} \times 23\frac{1}{4} \times 7\frac{1}{4}$ "
 375 x 590 x 185mm

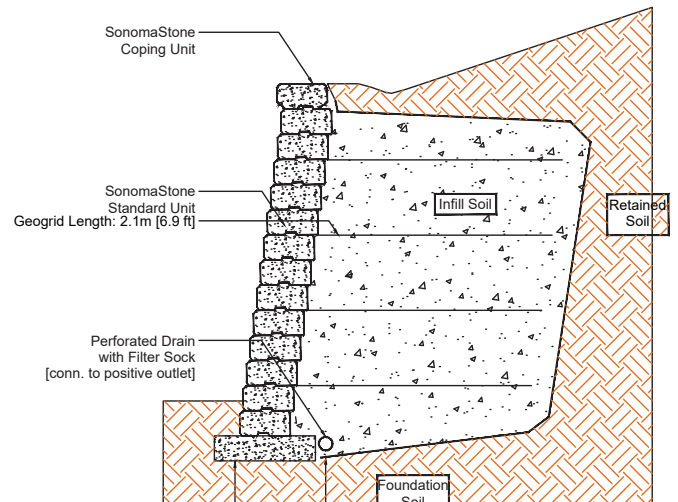


CORNER
 $38\frac{3}{8} \times 14\frac{3}{4} \times 7\frac{1}{4}$ "
 975 x 375 x 185mm

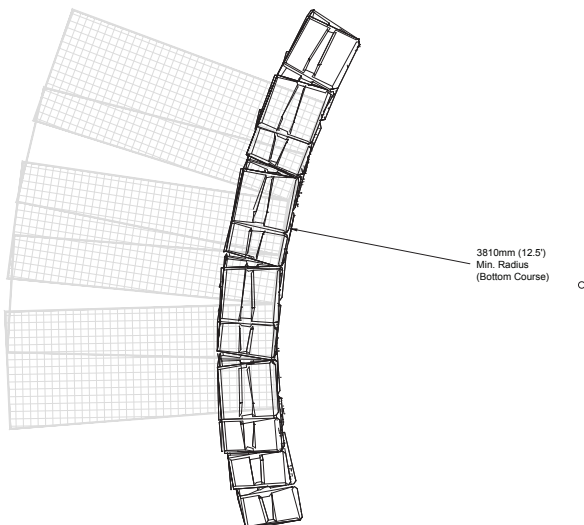


DOUBLE
 $29\frac{1}{2} \times 47\frac{1}{4} \times 7\frac{1}{4}$ "
 750 x 1200 x 185mm

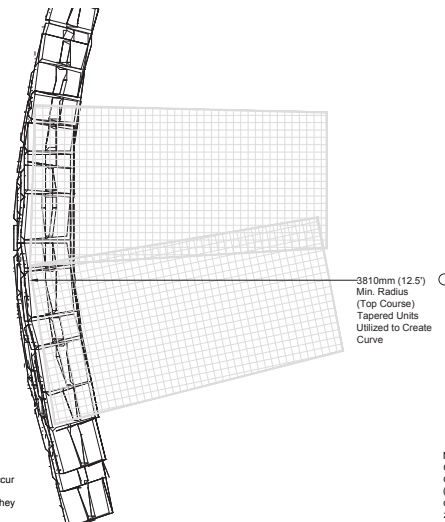
GEOGRID WALL SECTION



Cross sections are examples, and must not be used for construction.



Note:
 Due to curved orientation, gaps will occur between adjacent section of geogrid. Alternate layers should be placed so they overlap the gaps in lower layers.



Note:
 Geogrids will overlap and should have 75mm of compacted soil between the layers. (Geogrids should be spaced on blocks so overlap does not occur until geogrid enters soil zone as shown)

TECHNICAL INFORMATION

ASTM C 1372 Standard Specifications for Dry-Cast Segmental Retaining Wall Units

Conforms to:

- C140 for Absorption and Compressive Strength > 3000 PSI
- C1262 for Freeze Thaw Durability <1% mass loss
- C1372 Overall dimensional variations permissible for width, height and length +/-3.2mm

Unilock standards exceed 6,000 PSI for SonomaStone® products with:

- 4% absorption avg.
- 5% absorption max.
- Dimensional Accuracy +/-2.00mm

Test results available upon request

LEED INFORMATION

Materials & Resources: LEED V4:

Building Product Disclosure and Optimization

Sourcing of Raw Materials - Sourcing of Raw Materials and Extraction • 1 point

Sourcing of Raw Materials - Leadership Extraction Practices • 1 point

Material Ingredient Reporting - Material Ingredient Reporting • 1 point

Material Ingredient Reporting - Material Ingredient Optimization • 1 point

Environmental Product Declaration • 1 point

PRODUCT DATA

Stones & Bundling	Face Feet Per		Linear Feet Per		Units Per		Per Bundle		Lbs Per	
	Bundle	Unit	Bundle	Unit	Bundle	Face Feet	Layers	Sections	Unit	Bundle
Gormley Manufacturing										
Standard	21.63	2.404	36.00	4.000	9	0.42	3		386	3,470
Tapered	21.15	1.175	34.80	1.933	18	0.85	3		196	3,525
Double Unit	14.42	4.808	3.00	1.000	3	0.21	3		1,158	3,473
Coping 48"	21.63	2.404	36.00	4.000	9	0.42	3		383	3,450
Coping Tapered 24"	10.50	1.167	17.40	1.933	9	0.86	2		180	1,620
Corner Unit (Double Unit)	15.63	5.208	-	-	3	0.19	3		716	2,148

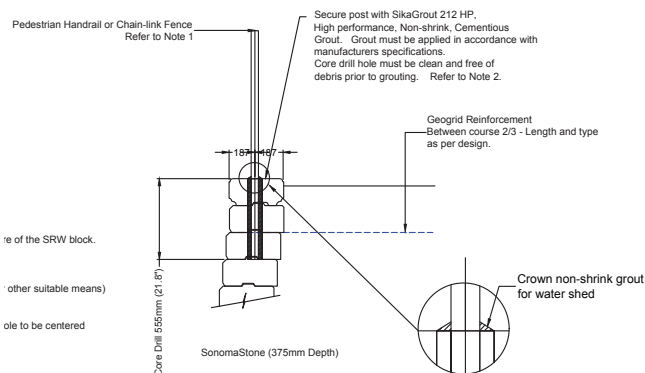
Notes: Sonoma Clamp required for installation. Units can be installed three at a time for increased production. **SonomaStone corners are sold as double units, one left and one right. There are 3 Standard units included on a skid of Double Units. The Coping Unit has a smooth finish with a cornice detail. Tapered units achieve a 14' radius. *Sonoma DBL Unit is sold together with a single unit. Automatic setback is 1½" per row. Contact your Unilock Territory Manager or call 1-800-UNILOCK for further information. *For custom options, please contact your Unilock Territory Manager.

APPLICATIONS



Retaining Walls

TYPICAL DETAIL CORE DRILLED HANDRAIL



TYPICAL DETAIL PRIVACY FENCE

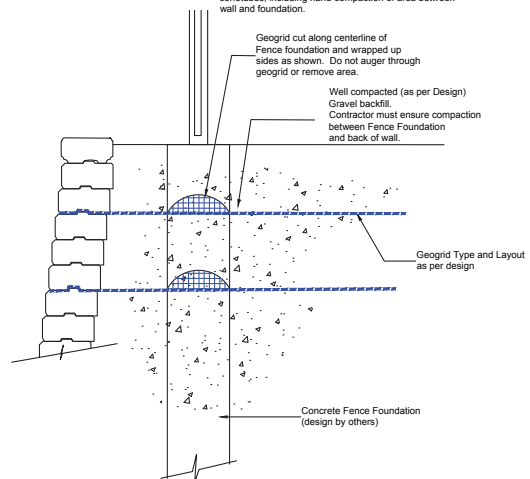
Notes:

Fence and foundation to be designed by others. Min. foundation depth to be 1.8m or as specified in Design.

• Max. 300mm O/D for fence footing and min. 300 offset on back of coping unit.

• Fence footing forms (Sonotubes) must be installed while geogrid reinforced wall is being constructed.

• Contractor must ensure required compaction around sonotubes, including hand-compaction of area between wall and foundation.



*Things to know:

For SonomaStone®, Unilock, through **Risi Stone Systems International**, can provide preliminary site engineering for most commercial projects. Soils information, site drawings, and loading requirements are some of the information details required in order to provide this preliminary site engineering.

Retaining wall engineering software is also available free of charge. Contact your local Unilock representative for details.

For more information please visit <https://www.risistone.com/product/sonomastone/>.