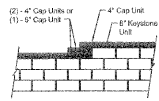
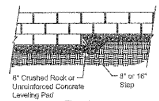


V:\Projects\Sells Projects\05-4029 Amberly AR Carolina Preserve Rec Center\DRAWINGS\PROJECT DRAWINGS\05-4029 C9.0 Details.dwg 1/10/2006 9:00:03 AM EST



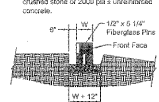
Note:
1. Receive all cap units with Keystone Keyhole or equal.

Top of Wall Steps



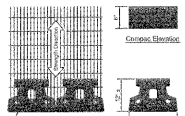
Elevation

Note:
1. The leveling pad is to be constructed of crushed stone or 2000 psi unadorned concrete.



Section

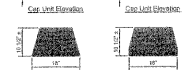
Leveling Pad Detail



Geogrid Elevation

Note:
1. Geogrid is to be placed on level foundation prepared in accordance with the manufacturer's instructions. The geogrid shall be placed on the level side of the wall.

Grid & Pin Connection



Cap Unit Elevation

Note:
1. Cap unit shall be placed on level foundation prepared in accordance with the manufacturer's instructions. The cap unit shall be placed on the level side of the wall.

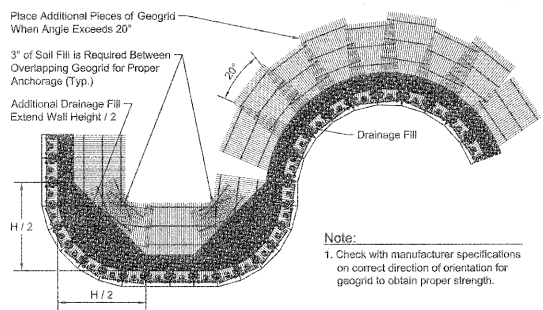
Cap Unit Section

Note:
1. Straight Spill Cap Unit shall be used in areas where the wall is to be straight.

Straight Spill Cap Unit Section

Note:
1. Dimensions & materials may vary by region.

Design is for internal details of the KEYSTONE wall structure only. External details, including but not limited to foundation and pipe details, is the responsibility of the Owner. The design is based on the assumption that the materials within the retained mass, methods of construction, and quality of materials conform to KEYSTONE's specification for this project. The drawing is being furnished for this specific project only. Any party executing the document does so in accordance and agrees that it shall not be applicable in whole or in part, nor distributed to others without the consent of Keystone Retaining Wall Systems, Inc.



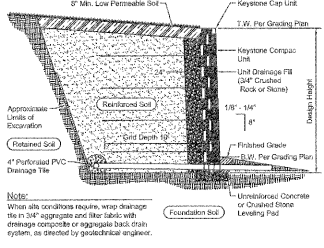
Geogrid Installation on Curves

Place Additional Pieces of Geogrid When Angle Exceeds 20°

3" of Soil Fill is Required Between Overlapping Geogrid for Proper Anchorage (Typ.)

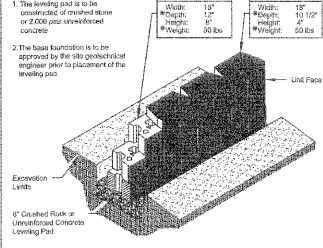
Additional Drainage Fill Extend Wall Height / 2

Note:
1. Check with manufacturer specifications on correct direction of orientation for geogrid to obtain proper strength.



Typical Reinforced Wall Section

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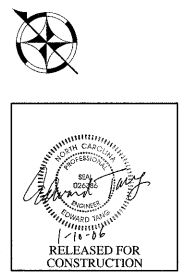
Concrete Unit/Base Pad Isometric Section View

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Base Leveling Pad Notes:
1. The leveling pad is to be constructed of crushed stone or 2000 psi unadorned concrete.
2. The base foundation is to be approved by the site geotechnical engineer prior to placement of the leveling pad.
3. Crushed Stone or Unadorned Concrete Leveling Pad

Concrete Unit		Cap Unit	
Width:	12"	Width:	16"
Height:	12"	Height:	13 1/2"
Weight:	50 lbs	Weight:	60 lbs

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PULTE HOMES
801 Corporate Center Drive
Raleigh, NC 27607

NO.	REVISIONS

PROJECT #: 05-4029 DATE: 1/10/05
DRAWN BY: CD CHECKED BY: ET
TITLE: RETAINING WALL & SANITARY SEWER DETAILS
SHEET: C9.4

05-SP-135
APPROVED:
TOWN OF CARY
Approved by: *DRC* Date: 12-14-05
Planning: *AC* Date: 7-2-06
Engineering: *IS* Date: 1-19-06