





**Draper Aden Associates**  
 Engineering • Surveying • Environmental Services

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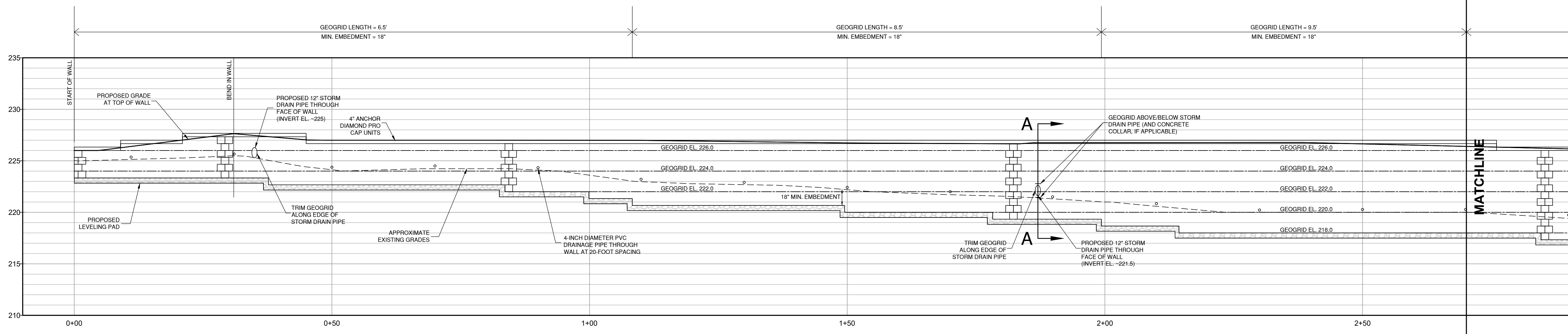
• Hampton Roads, VA  
 • Fayetteville, NC  
 • Northern Virginia  
 • Virginia Beach, VA  
 • Richmond, VA  
 • Blacksburg, VA  
 • Charlottesville, VA

**RETAINING WALL 1 - PROFILE**  
**CAMPBELL POINTE TOWNHOMES PH 6**  
 HARNETT COUNTY, NORTH CAROLINA

REVISIONS	
1/8/2020:	RE-DESIGN FOR ANCHOR DIAMOND PRO PS BLOCK UNITS.
5/27/2020:	RE-DESIGN FOR LAYOUT CHANGES.

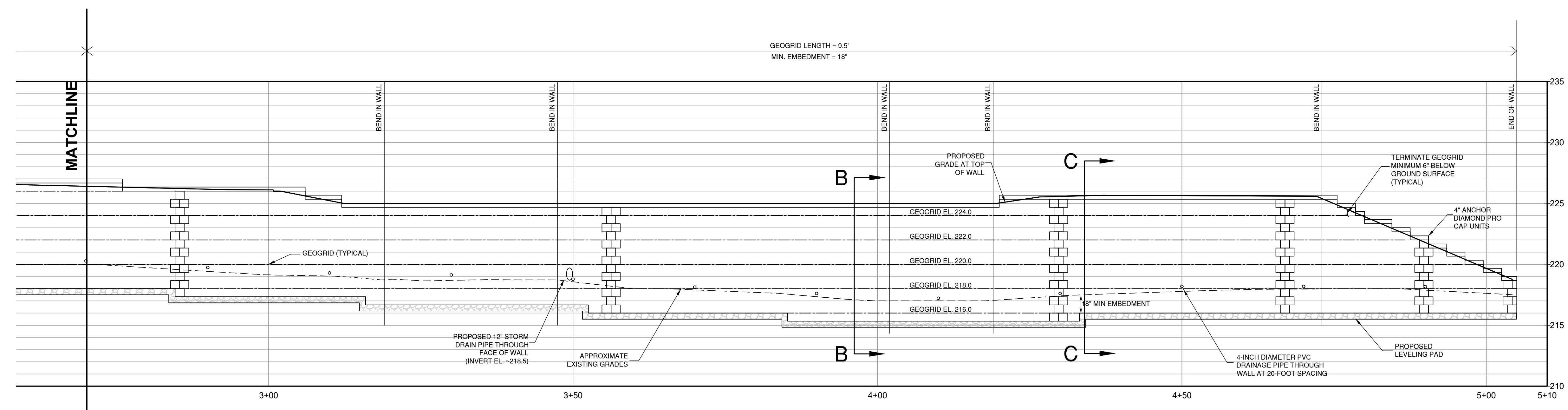
RELEASED FOR PERMITTING AND CONSTRUCTION

DESIGNED BY:	FDP
DRAWN BY:	FDP
CHECKED BY:	CTC Jr
SCALE:	(AS SHOWN)
DATE:	09/03/2019
PROJECT NUMBER:	R14245N-08
<b>RW2</b>	



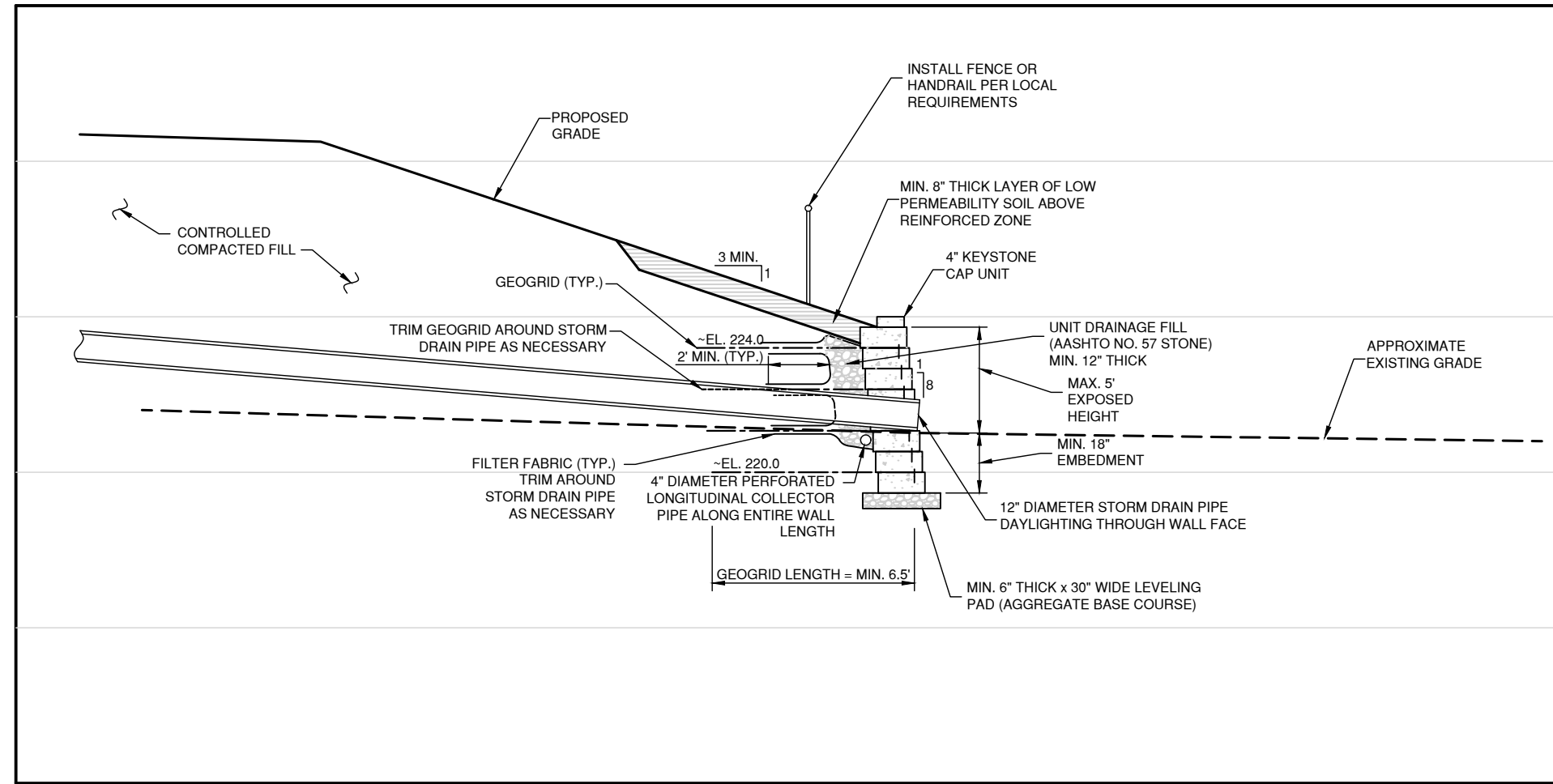
PV - (1) (1) - Scale: H: 1"=10', V: 2.00:1

**RETAINING WALL 1A - PROFILE**  
 VERTICAL SCALE: 1" = 10'  
 HORIZONTAL SCALE: 1" = 5'



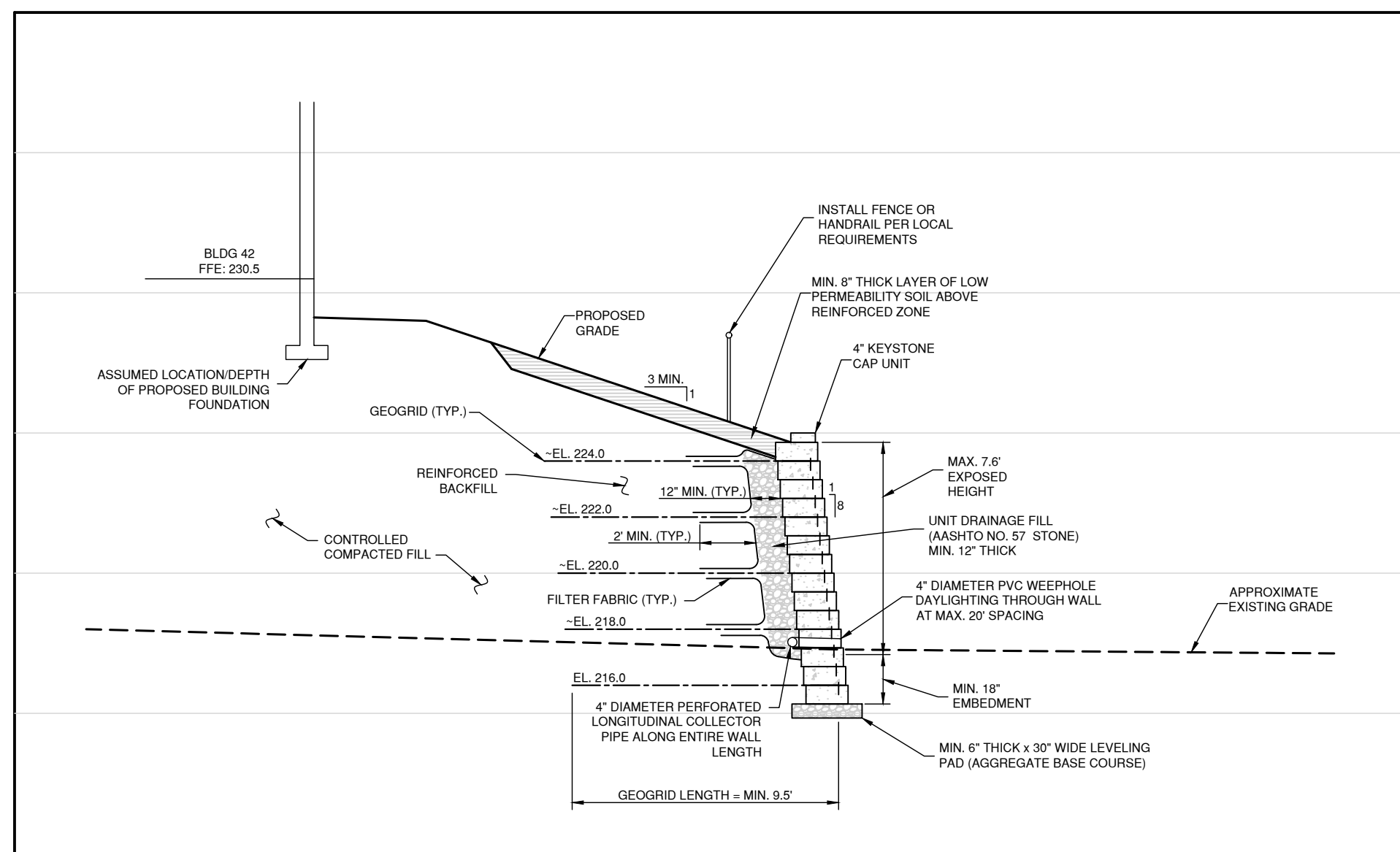
**RETAINING WALL 1B - PROFILE**  
 VERTICAL SCALE: 1" = 10'  
 HORIZONTAL SCALE: 1" = 5'

D:\PROJECTS\14245N\14245N-08\2019\14245N-08\Campbell Pointe PH 6 - Retaining Wall Plans - revised May 2020.dwg, May 28, 2020, 10:51:13 PM



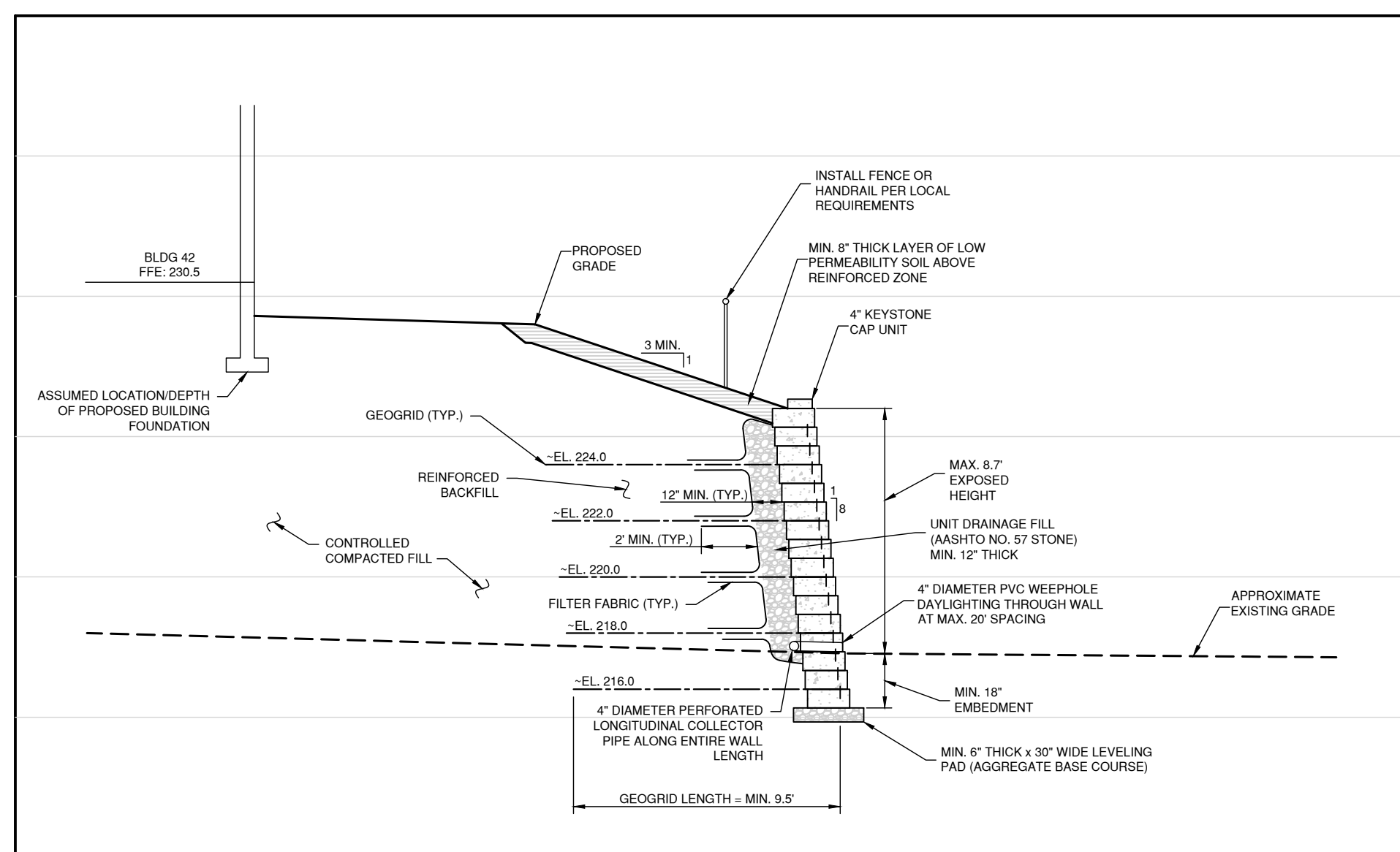
**RETAINING WALL 1 - SECTION A-A**

VERTICAL SCALE: 1" = 5"  
HORIZONTAL SCALE: 1" = 5"



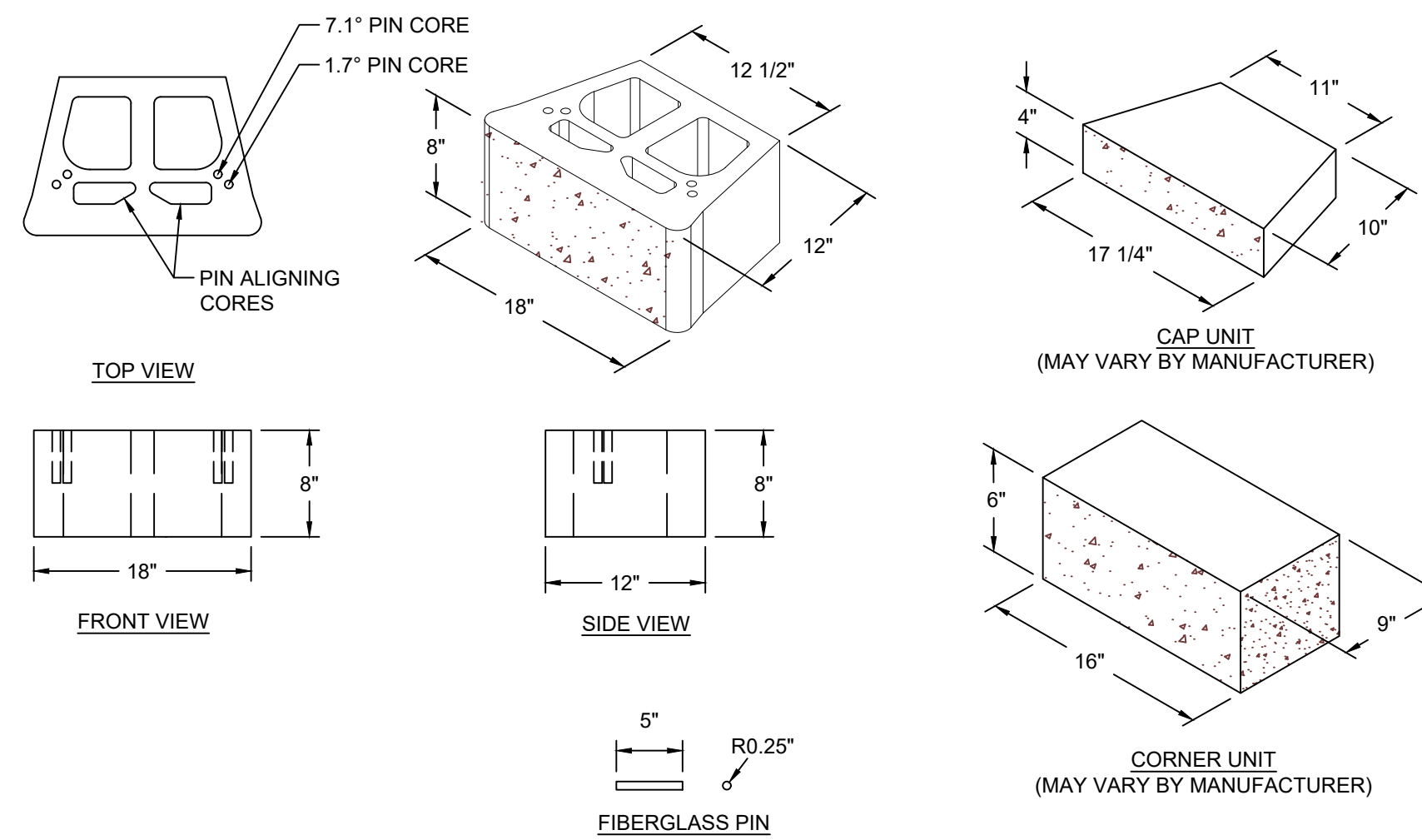
**RETAINING WALL 1 - SECTION B-B**

VERTICAL SCALE: 1" = 5"  
HORIZONTAL SCALE: 1" = 5"



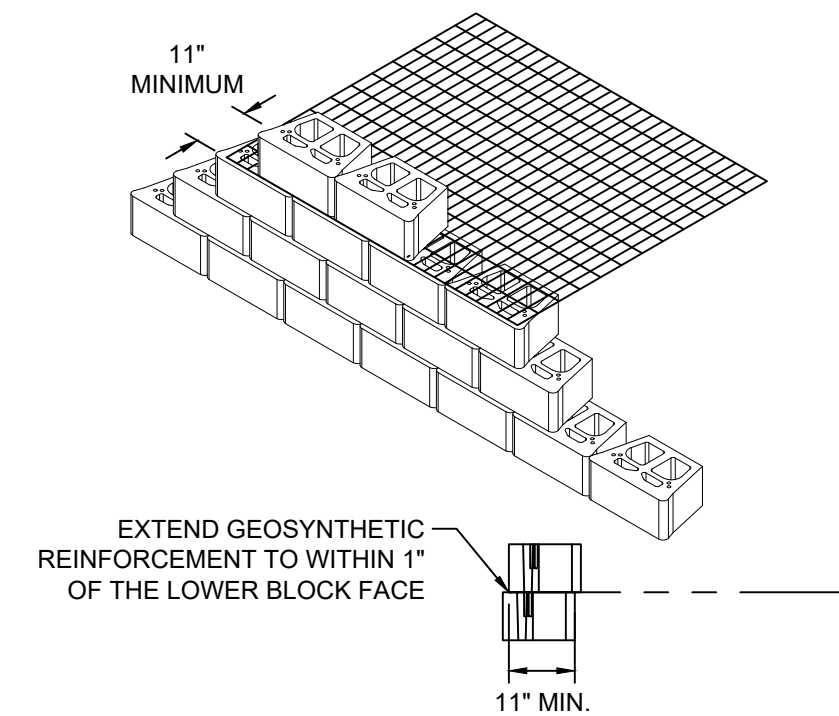
**RETAINING WALL 1 - SECTION C-C**

VERTICAL SCALE: 1" = 5"  
HORIZONTAL SCALE: 1" = 5"



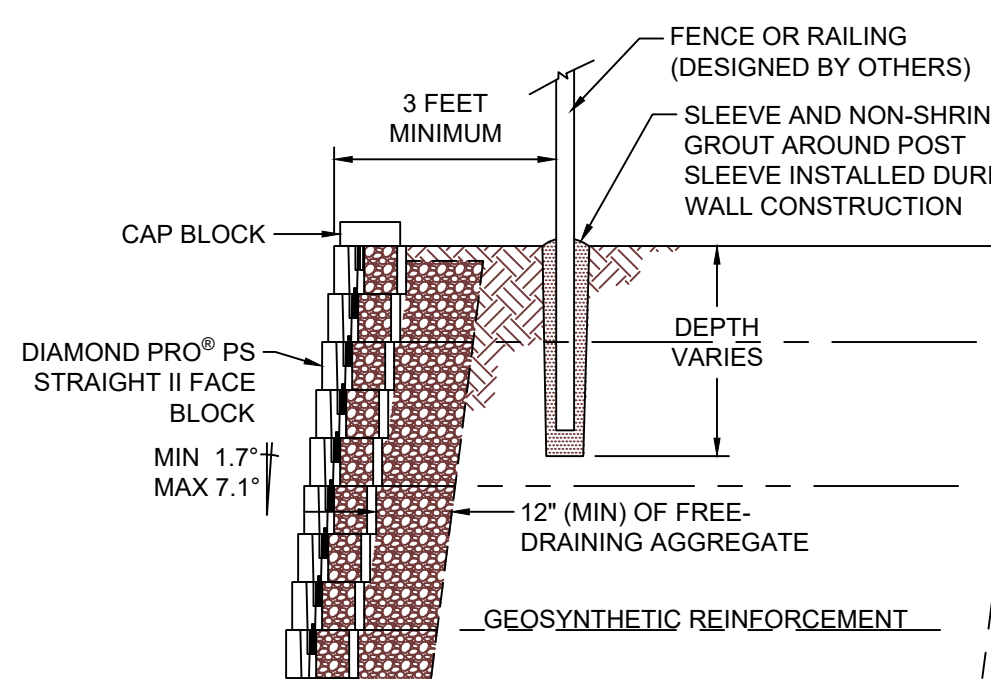
**INDIVIDUAL BLOCK DETAILS**

NOT TO SCALE



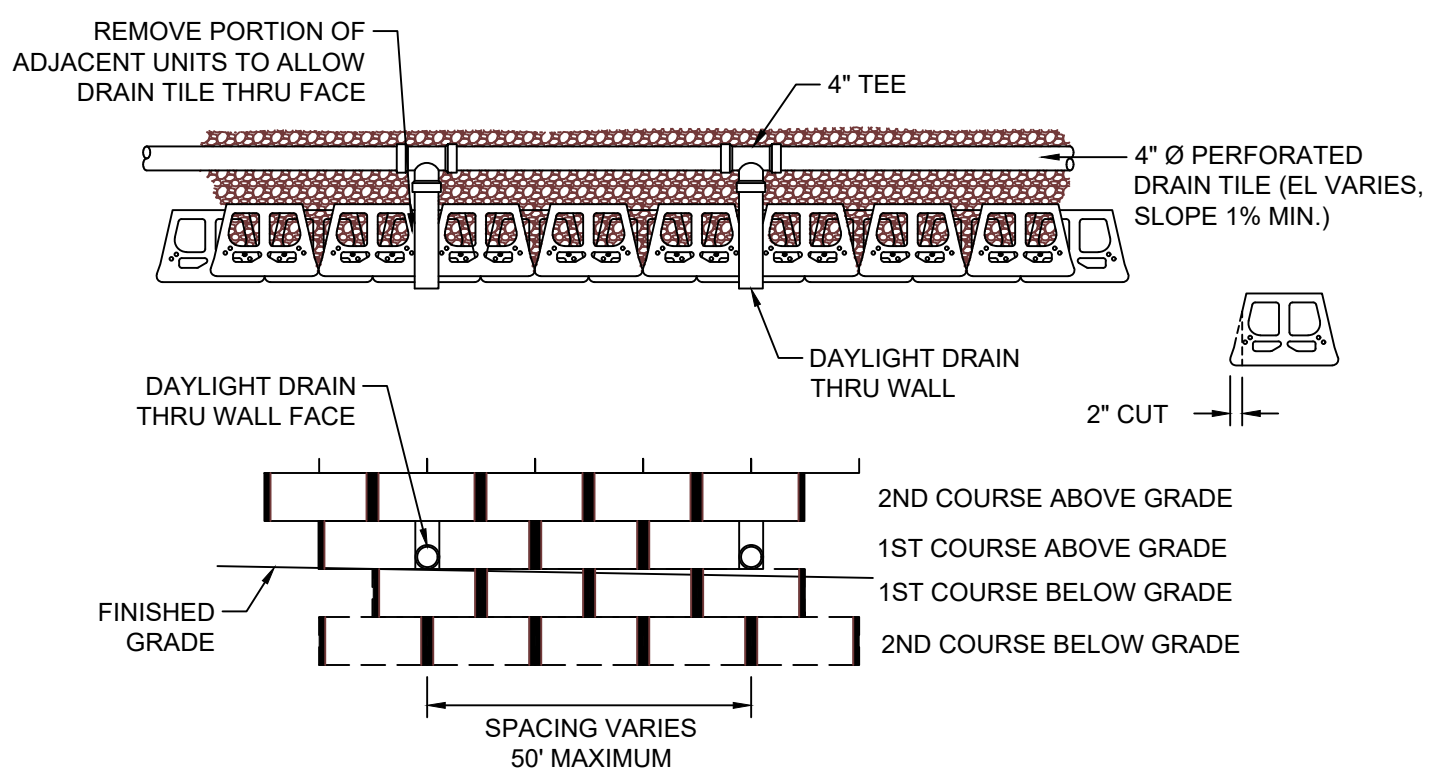
**REINFORCEMENT CONNECTION DETAIL**

NOT TO SCALE



**TYPICAL FENCE/RAILING DETAIL**

NOT TO SCALE



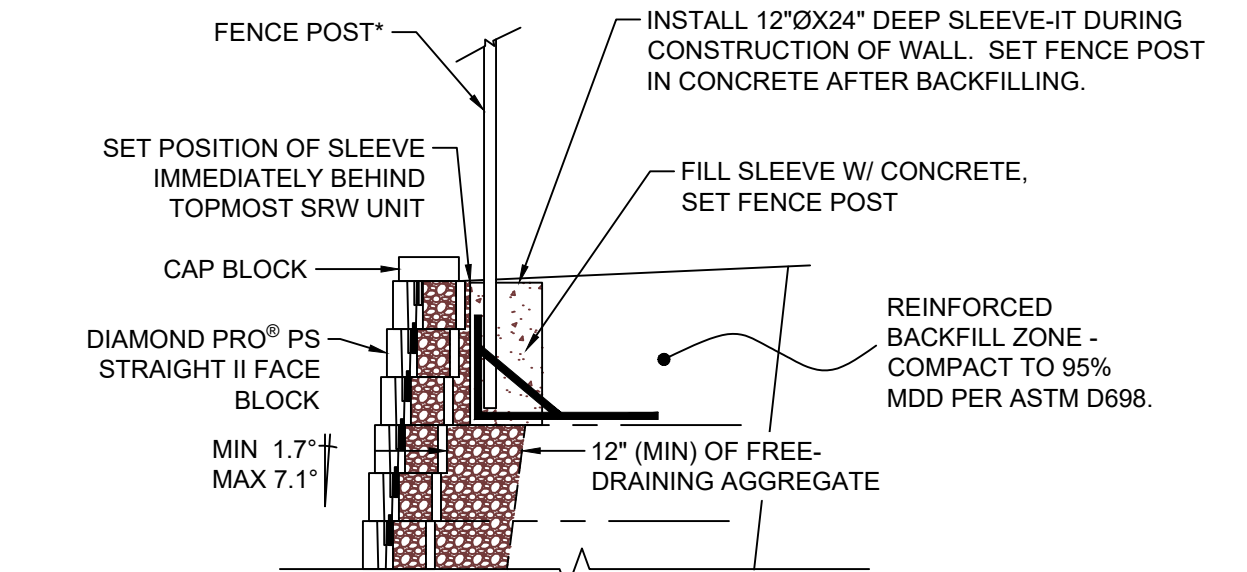
**TYPICAL DETAIL FOR DRAIN PIPE THROUGH WALL FACE**

NOT TO SCALE

FOR MORE INFORMATION CONTACT: STRATA GLOBAL SOLUTIONS 1-800-680-7750

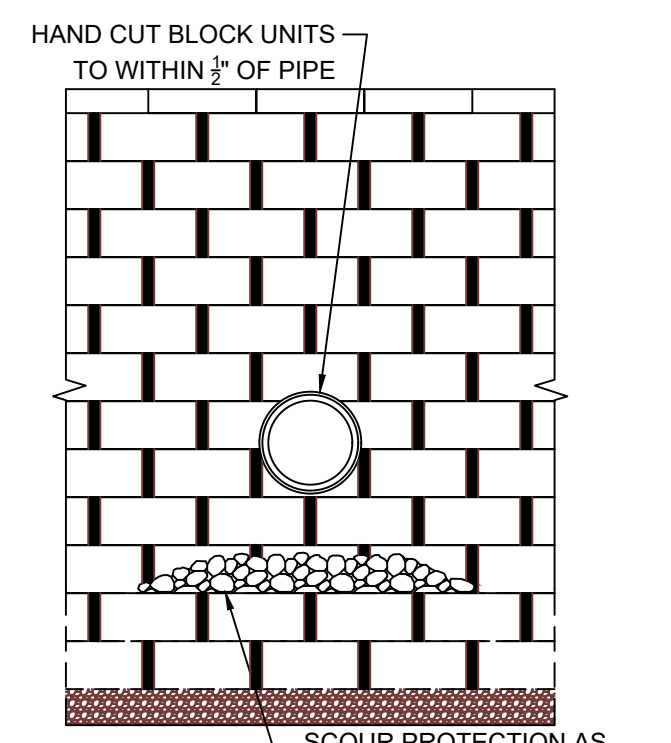
\*FENCING SYSTEMS APPROVED FOR USE WITH SLEEVE-IT ARE LIMITED TO THE FOLLOWING HEIGHTS:

- A. CHAIN LINK UP TO 8 FEET ABOVE FINISHED GRADE WITH POST SPACING OF 8 FEET (MIN)
- B. ORNAMENTAL (STEEL, ALUMINUM, WROUGHT IRON) POST UP TO 6 FEET ABOVE GRADE WITH POST SPACING OF 10 FEET (MIN)
- C. OPEN BOARD / GAP BOARD (70% OPEN) POST UP TO 6 FEET ABOVE FINISHED GRADE WITH POST SPACING OF 6 FEET (MIN)



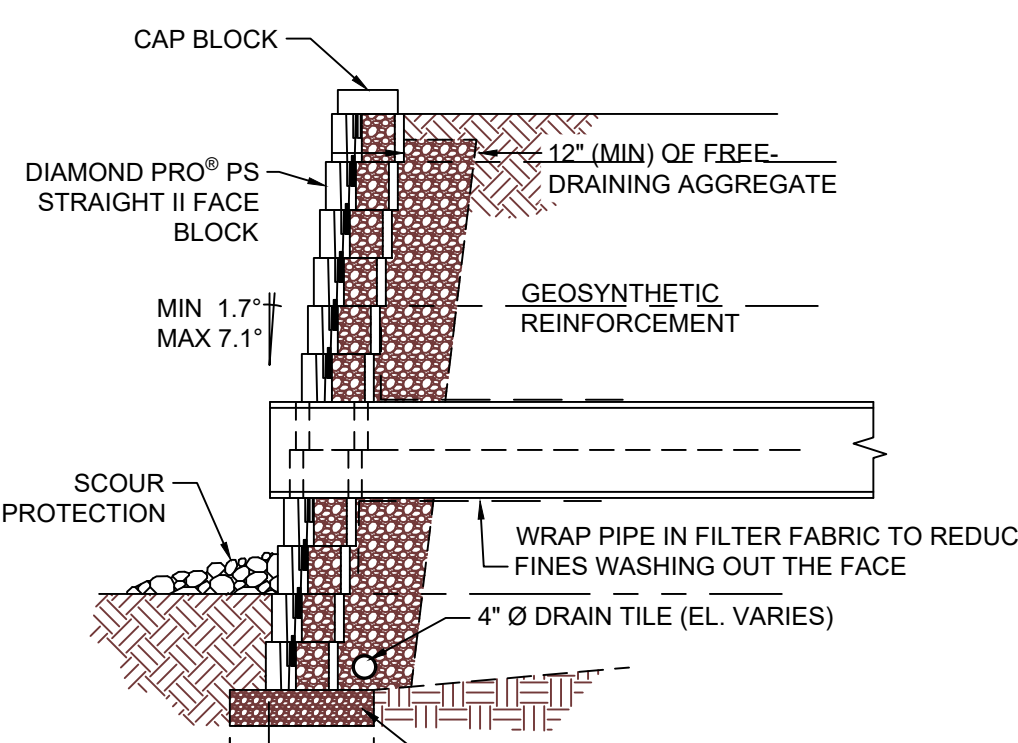
**TYPICAL FENCE/RAILING DETAIL WITH SLEEVE-IT**

NOT TO SCALE

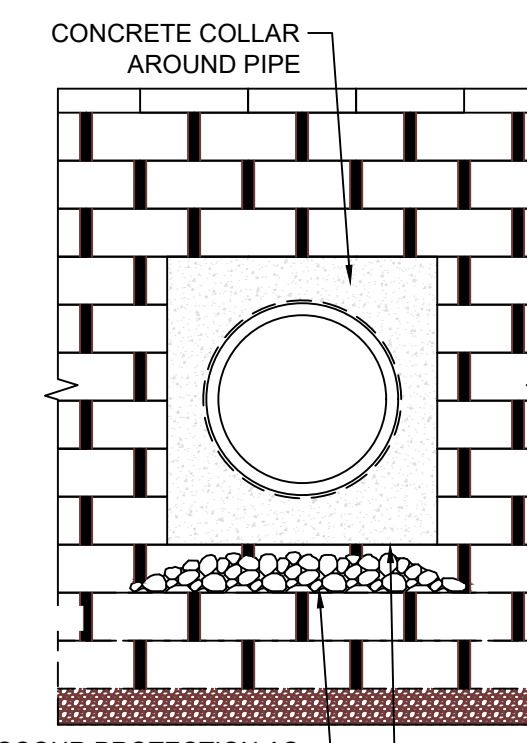


**TYPICAL DETAIL FOR SMALL UTILITIES THROUGH WALL**

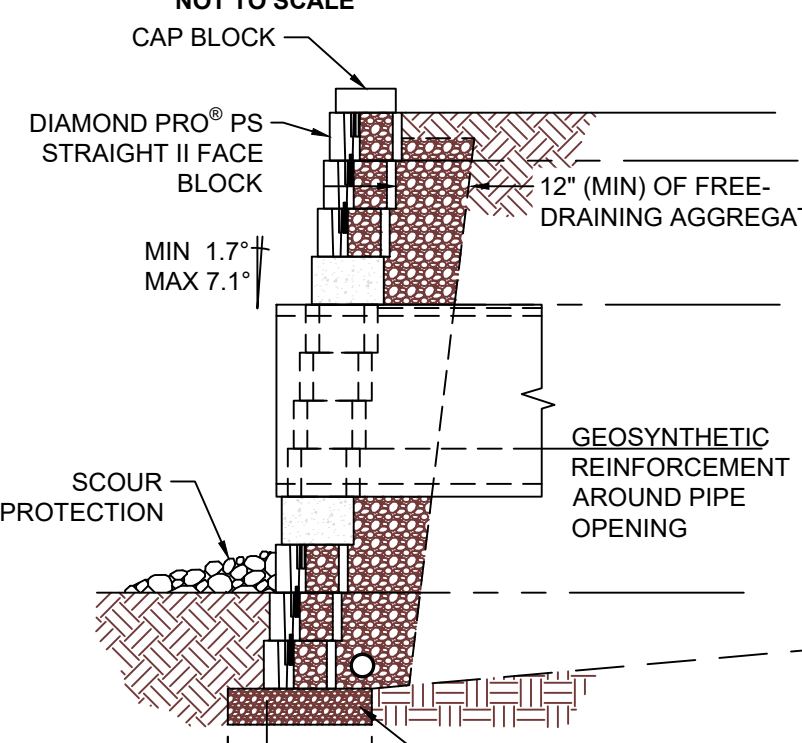
NOT TO SCALE



**SECTION VIEW**



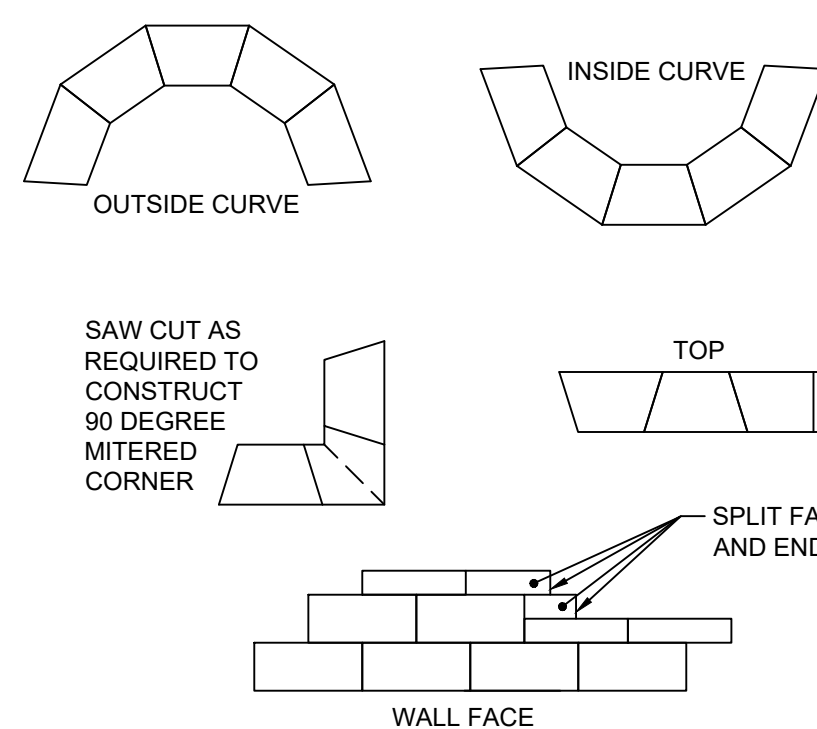
**FACE VIEW**



**SECTION VIEW**

**TYPICAL DETAIL FOR LARGE UTILITIES THROUGH WALL**

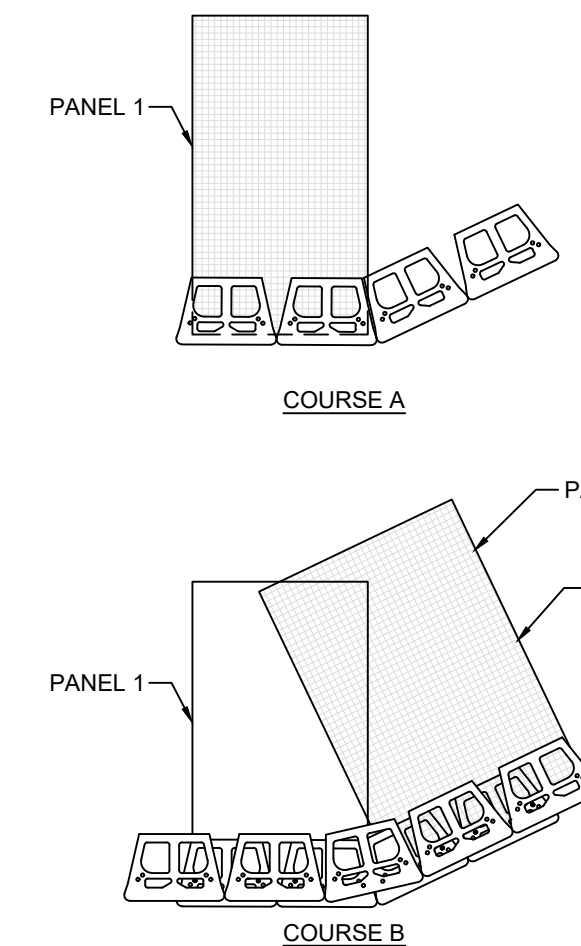
NOT TO SCALE



**CAPPING DETAILS**

NOT TO SCALE

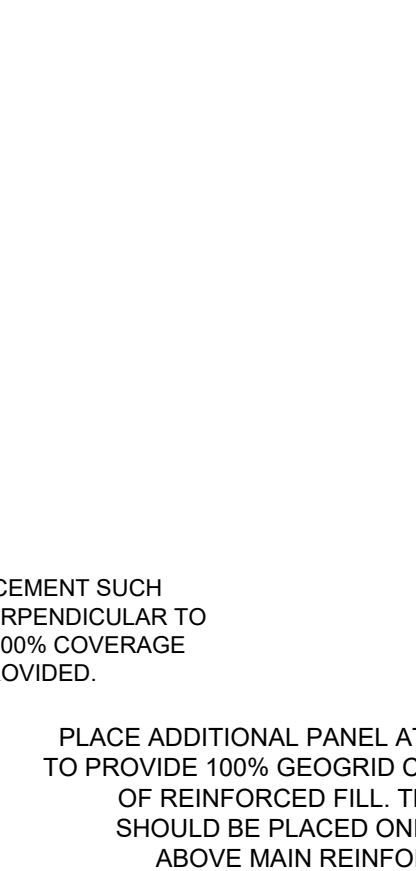
1. ALWAYS START CAPPING WALL FROM THE LOWEST ELEVATION.
2. LAYOUT CAPS PRIOR TO USING ADHESIVE.
3. CUT CAPS TO FIT. VARIOUS COMBINATIONS OF LONG AND SHORT CAP FACES WILL BE NECESSARY FOR RADII GREATER THAN THE MINIMUM.
4. ALTERNATE SHORT AND LONG CAP FACES EVERY OTHER CAP TO ACHIEVE A STRAIGHT ROW OF CAPS.
5. USE EXTERIOR-GRADE CONSTRUCTION ADHESIVE TO SECURE CAPS.



**TYPICAL DETAIL FOR OUTSIDE ANGLES**

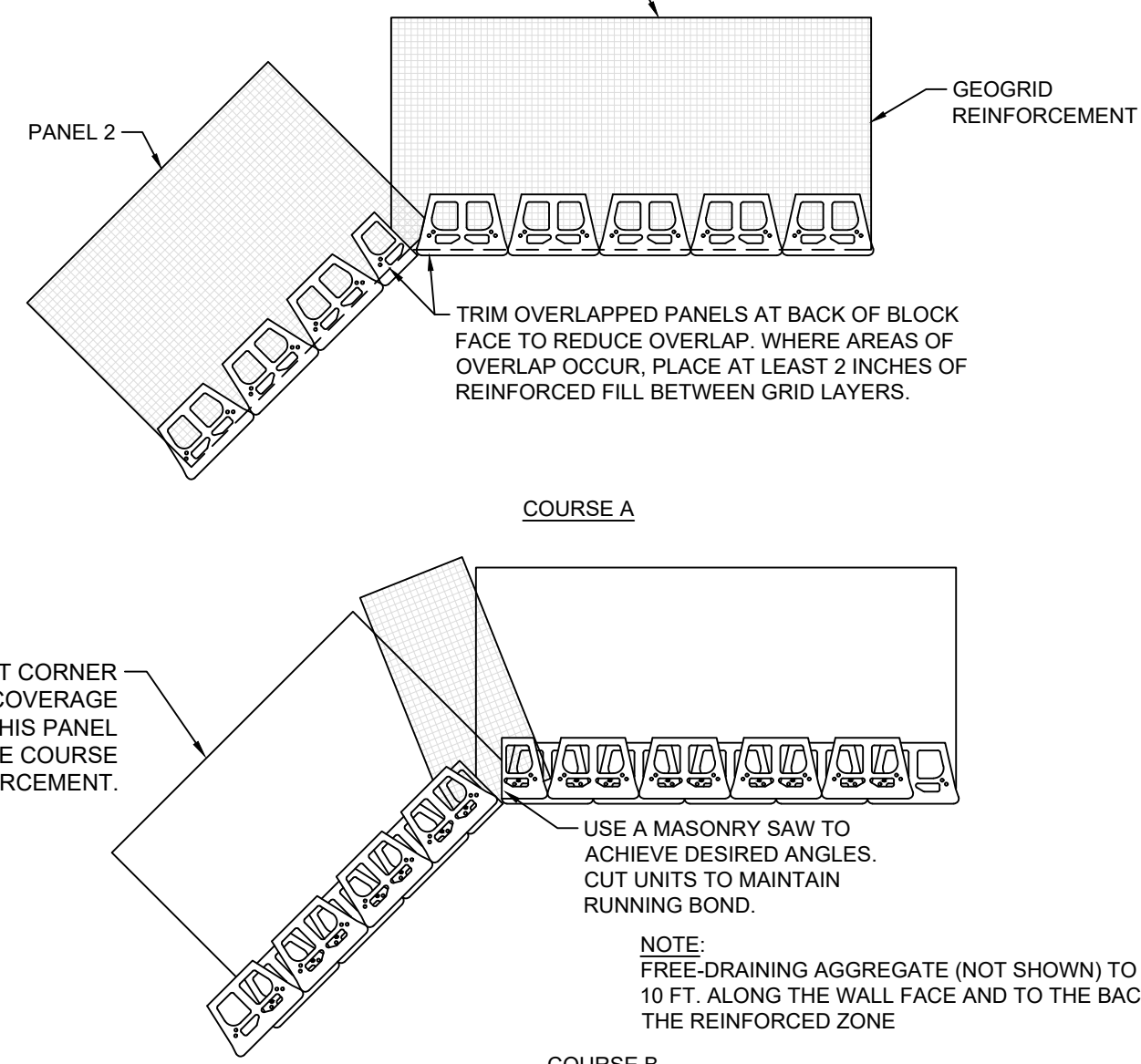
NOT TO SCALE

- NOTES:
1. ALTERNATE COURSES "A" & "B" AS NEEDED TO FULL HEIGHT OF WALL.
  2. MODIFY UNITS AS NEEDED TO MAINTAIN RUNNING BOND.
  3. ADHERE ALL PARTIAL UNITS WITH CONSTRUCTION GRADE ADHESIVE.
  4. ADJUST PLACEMENT IN FIELD TO ACHIEVE DESIRED ANGLE.
  5. FREE-DRAINING AGGREGATE (NOT SHOWN) TO SPAN 10 FT. ALONG THE WALL FACE AND TO THE BACK OF THE REINFORCED ZONE.



**TYPICAL DETAIL FOR INSIDE ANGLES**

NOT TO SCALE



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**RETAINING WALL 1 - TYPICAL SECTIONS AND DETAILS**  
**CAMPBELL POINTE TOWNHOMES PH 6**  
HARRETT COUNTY, NORTH CAROLINA

**REVISIONS**

1/8/2020: RE-DESIGN FOR ANCHOR DIAMOND PRO PS BLOCK UNITS.  
5/27/2020: RE-DESIGN FOR LAYOUT CHANGES.

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**RW3**

P:\14245\14245N\14245N-08\CADD\DWG\RETAINING WALL PH 6.dwg, 09/03/2019 10:52:27 AM, User: fdp, Plot: 14245N-08-RETAINING WALL PH 6.dwg, May 20, 2020 10:52:27 AM