

CONVEX CURVE DETAIL

(Not to Scale)

Min 42" Tall Safety Handrail Post

PVC Coated Strut

12" Dia.

SLEEVE-IT FENCE POST DETAIL

(Not to Scale)

TOW = 1160.00 =

Drain Pipe to Daylight - 40 FT O.C. (Typical)

Sleeve-It - 12" Dia. x 24" Depth

Grout Fill After Post Installation w/ Min 3,000 psi Grout

PVC Coated Cantilever Base

💥 12" Soil Cover

TOC = 1159.66

G.:8FT G.:0FT G.:0FT G.:0FT

TOW = 1159.33

- Filter Fabric - 4 FT Wide

Mirafi 140N or Equivalent

— Start Geogrid Approx. 1" From Front of Units

Min 24"

at Max 40' O.C.

2154 McVitty Road, S.W. - Roanoke, Virginia

CIRCEO GEOTECH

 Scale:
 N/A
 Project No.
 RW-1563

 Date:
 04/25/15
 Project No.
 RW-1563

 Revision:
 10/28/15
 Sheet
 3 of 6

Min 42" Safety Handrail or Fence

5956 Buckland Mill Road

Roanoke, Virginia 24019 Phone: (540) 366-2379

Fox: (540) 904-6200

TOC = 1158.33

GEOGRID PLACEMENT DETAIL

(Not to Scale)

DRAIN DETAIL Drain to Daylight

(Not to Scale)

Reinforced Fill

← Fill Cores w/

- 4" Dia. Perforated Drain Pipe

No. 021245

VDOT No. 57 Stone

TOC = 1159.00

BOW = 1150.00 Leveling Pad

Eliminate Gaps

Filter Fabric - 4 FT Wide

Mirafi 140N or Equivalent

Guard Rail Post

Max 6 FT O.C.

Drive or Auger Post

Through Geogrid

Reinforced Fill

Surcharge = 250 psf

TOC = 1157.66 TOW = 1157.33

TOC = 1158.33

GUARDRAIL POST DETAIL

(Not to Scale)

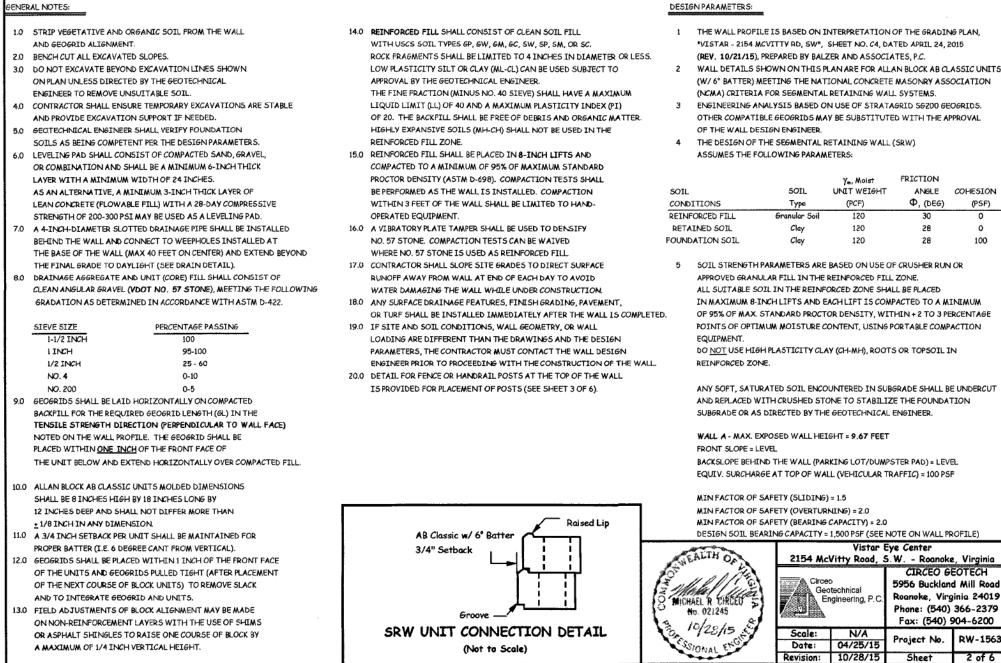
AB Classic Units-

CONCAVE CURVE DETAIL

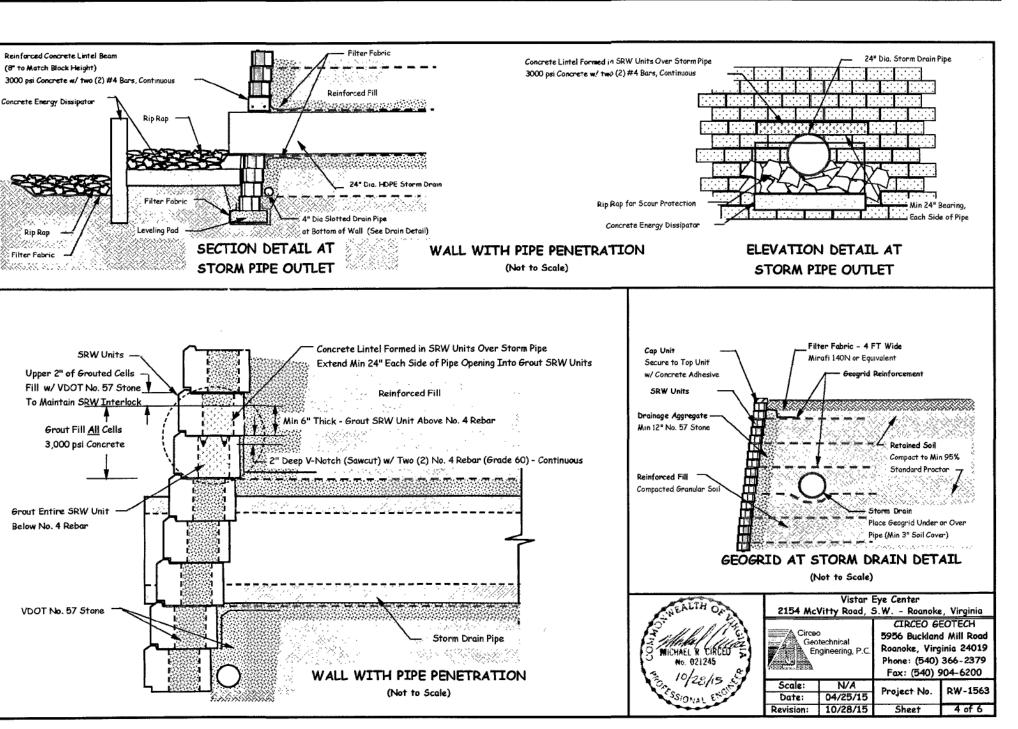
(Not to Scale)

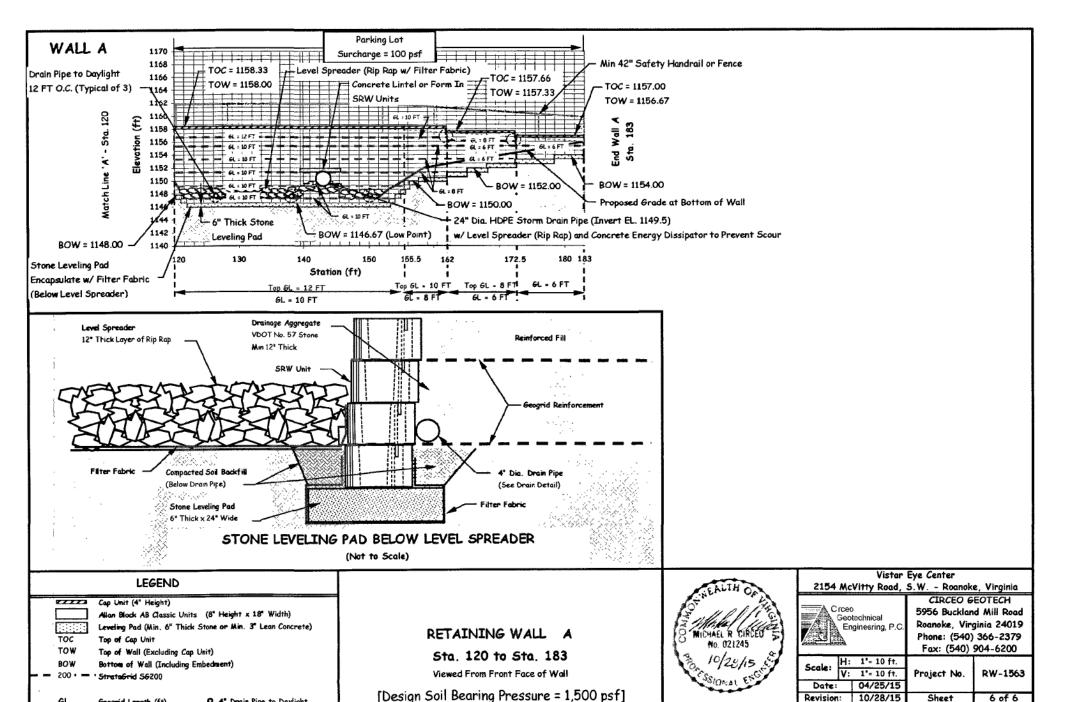
24" Min

WALL A











1. THE RETAINING WALL DRAWINGS SHOWN ON THIS PLAN ARE FOR COORDINATION PURPOSES ONLY. THE G.C. SHALL BE RESPONSIBLE FOR OBTAINING THE LATEST PLANS FROM THE WALL DESIGNER PRIOR TO

2. THE RETAINING WALL DRAWINGS SHOWN ON THIS PLAN HAVE BEEN REDUCED IN SCALE.

3. THE G.C. SHALL BE RESPONSIBLE FOR OBTAINING ANY NECESSARY PERMITS RELATING TO THE RETAINING WALL CONSTRUCTION, INCLUDING SUBMITTAL TO THE BUILDING DEPARTMENT.

4. THE G.C. SHALL COORDINATE THE WALL CONSTRUCTION AND GEOGRID PLACEMENT WITH ALL PROPOSED CURB AND GUTTER, STORM SEWER, LIGHT POLES, GUARDRAIL INSTALLATION, ETC.



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New River Valley Richmond Staunton

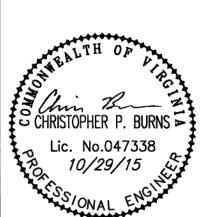
Harrisonburg RESIDENTIAL LAND DEVELOPMENT ENGINEERING SITE DEVELOPMENT ENGINEERING LAND USE PLANNING & ZONING LANDSCAPE ARCHITECTURE

LAND SURVEYING ARCHITECTURE STRUCTURAL ENGINEERING TRANSPORTATION ENGINEERING ENVIRONMENTAL & SOIL SCIENCE WETLAND DELINEATIONS & STREAM EVALUATIONS

## Balzer and Associates, Inc.

1208 Corporate Circle Roanoke, VA 24018

540-772-9580 FAX 540-772-8050



. sw DETAIL VIS 2154 MCV AINING

DRAWN BY DESIGNED BY CPB CHECKED BY BTC

5/4/2015

SCALE

APPROVED

**REVISIONS:** 6/30/2015 8/6/2015 10/1/2015 10/29/2015 w/ Min 42" Tall Safety Handrail or Fence (Approx. Scale 1" = 20 FT) DEC 0 1 2015 LEGEND 2154 McVitty Road, S.W. - Roanoke, Virginia Cap Unit (4" Height) 5956 Buckland Mill Roa Allan Block AB Classic Units (8" Height x 18" Width) SHEET NO. Roanoke, Virginia 24019 Leveling Pad (Min. 6" Thick Stone or Min. 3" Lean Concrete)
TOC Top of Cap Unit RETAINING WALL A Top of Cap Unit No. 021245 TOW Top of Wall (Excluding Cap Unit) Sta. 0 to Sta. 120 BOW Bottom of Wall (Including Embedment) Project No. RW-1563 Viewed From Front Face of Wall [Design Soil Bearing Pressure = 1,500 psf] [Design Soil Bearing Pressure = 1,500 psf] Geogrid Length (ft) O 4° Drain Pipe to Daylight