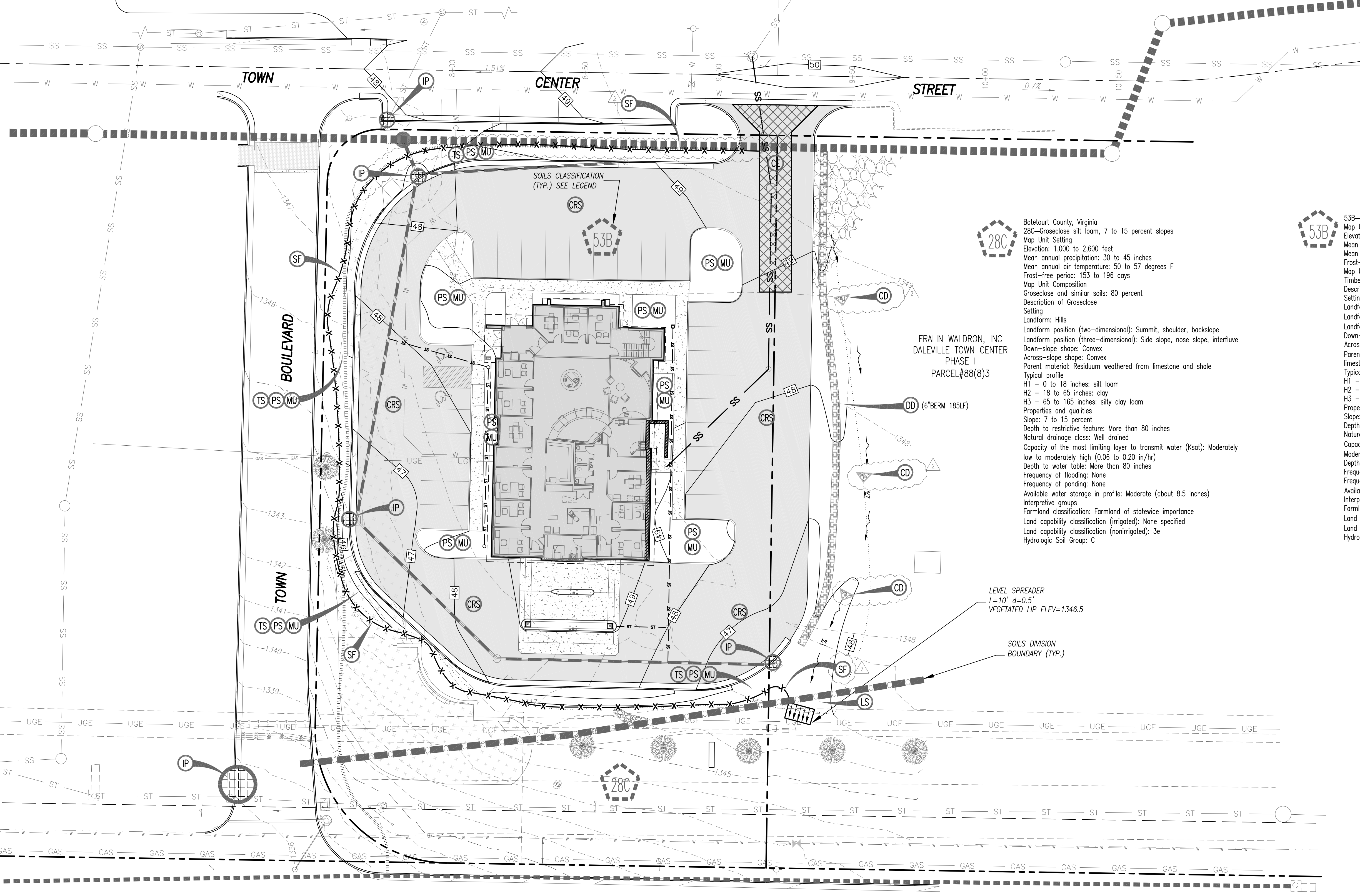
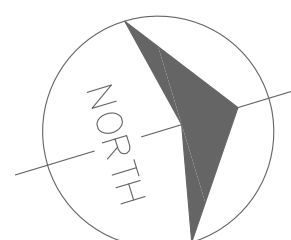




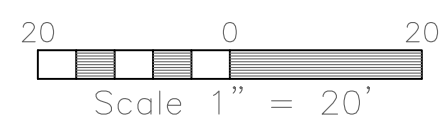
28C

Botetourt County, Virginia
28C—Groseclose silt loam, 7 to 15 percent slopes
Map Unit Setting
Elevation: 1,000 to 2,600 feet
Mean annual precipitation: 30 to 45 inches
Mean annual air temperature: 50 to 57 degrees F
Frost-free period: 153 to 196 days
Map Unit Composition
Groseclose and similar soils: 80 percent
Description of Groseclose
Setting
Landform: Hills
Landform position (two-dimensional): Summit, shoulder, backslope
Landform position (three-dimensional): Side slope, nose slope, interfluve
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Residuum weathered from limestone and shale
Typical profile
H1 - 0 to 18 inches: silt loam
H2 - 18 to 65 inches: clay
H3 - 65 to 165 inches: silty clay loam
Properties and qualities
Slope: 7 to 15 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately low to moderately high (0.06 to 0.20 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: Moderate (about 8.5 inches)
Interpretive groups
Farmland classification: Farmland of statewide importance
Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 3e
Hydrologic Soil Group: C

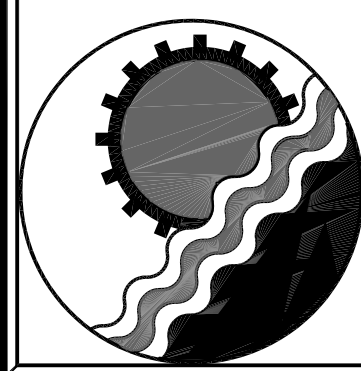
53B

53B—Timberville silt loam, 0 to 7 percent slopes, occasionally flooded
Map Unit Setting
Elevation: 1,400 to 3,600 feet
Mean annual precipitation: 30 to 45 inches
Mean annual air temperature: 50 to 57 degrees F
Frost-free period: 153 to 196 days
Map Unit Composition
Timberville and similar soils: 80 percent
Description of Timberville
Setting
Landform: Drainageways
Landform position (two-dimensional): Footslope
Landform position (three-dimensional): Base slope
Down-slope shape: Linear
Across-slope shape: Concave
Parent material: Local alluvium and/or colluvium derived from limestone and shale
Typical profile
H1 - 0 to 28 inches: silt loam
H2 - 28 to 109 inches: silty clay loam
H3 - 109 to 165 inches: clay
Properties and qualities
Slope: 0 to 7 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 1.98 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: Moderate (about 8.9 inches)
Interpretive groups
Farmland classification: All areas are prime farmland
Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 2e
Hydrologic Soil Group: B

NOTE:
FOR CONSTRUCTION ACTIVITIES THAT HAVE A DISTURBED AREA GREATER THAN 1 ACRE, THE VIRGINIA DEPARTMENT OF CONSERVATION AND RECREATION (DCR) WILL REQUIRE THIS PROJECT TO FOLLOW THE VIRGINIA POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT PROGRAM (VPDES) AND TO REGISTER FOR A VIRGINIA STORMWATER MANAGEMENT PROGRAM (VSMP) PERMIT. PURSUANT TO THIS PERMIT A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) AND AN APPROVED EROSION AND SEDIMENT CONTROL PLAN MUST BE ONSITE AT ALL TIMES. CONTRACTOR SHALL CONTACT BOTETOURT COUNTY EROSION AND SEDIMENT CONTROL ADMINISTRATOR FOR REGISTRATION AND SECURE ALL PERMITS REQUIRED FOR CONSTRUCTION, PRIOR TO THE START OF CONSTRUCTION ACTIVITIES.



U.S. ROUTE 220



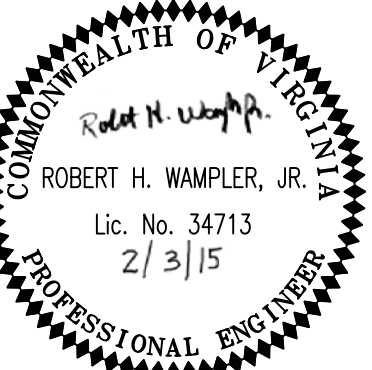
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No.	Revision	By	Appd.	Date	Drawn
2	BotCo E&S recommendations	ECI	RHW	1/29/15	MSMj
					Designed RHW
					Checked RHW
					Approved RHW

EROSION & SEDIMENT CONTROL PLAN
BANK OF BOTETOURT

AT DALEVILLE TOWN CENTER
BOTETOURT COUNTY - VIRGINIA



SCALE: 1"=20'
DATE: Feb. 3, 2015
PROJECT: 14047
C-6