

TAZEWELL COUNTY PLANNING COMMISSION

Regular Meeting

May 14th, 2026 - 6:30 P.M. (THURSDAY)

REVISED AGENDA



- 6:30 p.m. 1. Call to Order**
- 6:32 p.m. 2. Invocation and Pledge of Allegiance**
- 6:35 p.m. 3. Welcome Visitors**
- 6:37 p.m. 4. Introduce new members Eddy Brown – Western District
& Harry Cundiff – Northern District**
- 6:40 p.m. 5. Approval of the Agenda Format - Additions/Deletions**
- 6:42 p.m. 6. Approval of the April 9th, 2026 Meeting Minutes**
- 6:45 p.m. 7. Unfinished Business**

A. Appoint Subcommittees:

1. Comprehensive Plan Subcommittee:

2025 Members: N/A (Commission voted to suspend the Comprehensive Plan Subcommittee for the entirety of 2025)

2. Subdivision Subcommittee:

**2025 Members: Member Lyons & Member Ramella
Alternate: Chairman Moss**

3. Capital Improvements Subcommittee:

2025 Members: Chairman Moss & Vice-Chairman Herndon

Alternate: Member Cruey

- 7:00 p.m. 8. Items for Discussion:**
- A. Richlands Gas Generator ESC Plan**
 - B. Consolidated Steel ESC Plan**
 - C. 460 Self Storage ESC Plan**
- 7:15 p.m. 9. Engineering Report:**
- A. Consideration to approve Safe Street 4 All letter of support**
 - B. Consideration of moving July 9th meeting**
- 7:20 p.m. 10. Subcommittee Reports**
- 7:22 p.m. 11. Citizen Comments: TWO (2) MINUTES PER SPEAKER**
- 7:25 p.m. 12. Member Concerns**
- 7:30 p.m. 13. Adjourn – Thursday, June 11th, 2026 – 6:30 p.m.**

Tazewell County Virginia

“Bound For Progress”

Shanna Plaster, Vice-Chair
Northwestern District

John Rhudy, Member
Southern District

Kyle Cruely, Member
Northern District

Chuck Presley, Chair
Eastern District

Curtis Breeding, Member
Western District

C. Eric Young
County Administrator

May 14, 2026

The Honorable Sean Duffy
Secretary
U.S. Department of Transportation
1200 New Jersey Avenue SE
Washington, DC 20590

RE: Safe Streets and Roads for All Grant – Tazewell County Rural Safety Implementation Project

Dear Secretary Duffy:

The Tazewell County Planning Commission supports Tazewell County’s application for roadway safety improvements across several rural corridors.

These roadways are used daily by residents, employees, and local businesses. Existing conditions include faded striping, narrow shoulders, and reduced visibility at curves. Those conditions make travel more difficult and contribute to ongoing safety concerns.

The County’s proposal focuses on addressing those conditions through targeted improvements to pavement markings, signage, and roadway surfaces. These changes will improve consistency and visibility for drivers.

We support the County’s effort to improve safety across these corridors.

Sincerely,

Robert “Bob” Moss
Chairman – Tazewell County Planning Commission



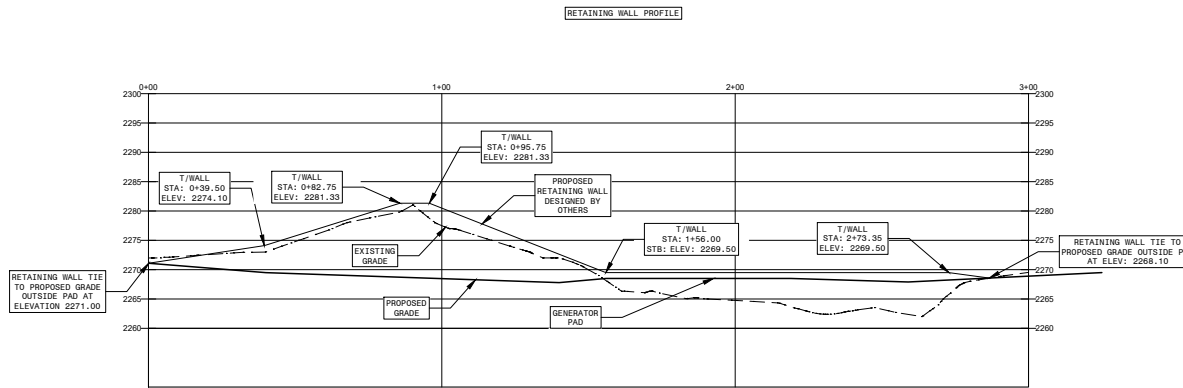
Quantum Richlands – Gas Turbine Generation Station and Line

Project Narrative

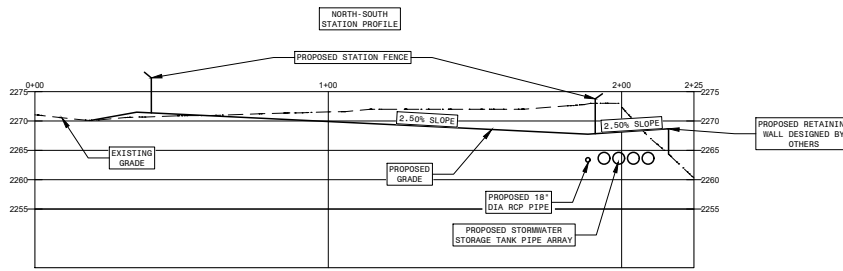
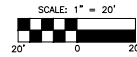
The Town of Richlands requested WSP, who is contracted under Quantum Power, to provide engineering for the new 4.5MW gas power plant connecting to the town's 12kV system.

The proposed Richlands gas generation station is located in Tazewell County, VA north of the City of Richlands, west of Route 67 / Jewel Ridge Road. The project consists of a newly graded station pad, station chain link fencing, access gates, retaining walls and an underground stormwater storage system meeting the VA DEQ requirements. The project erosion and sediment control plan includes silt fence, temporary and permanent seeding, construction entrance and concrete washouts. Proposed drainage patterns generally follow the existing condition, with stormwater runoff flowing north to south into a creek and wetland area at the bottom of the development area.

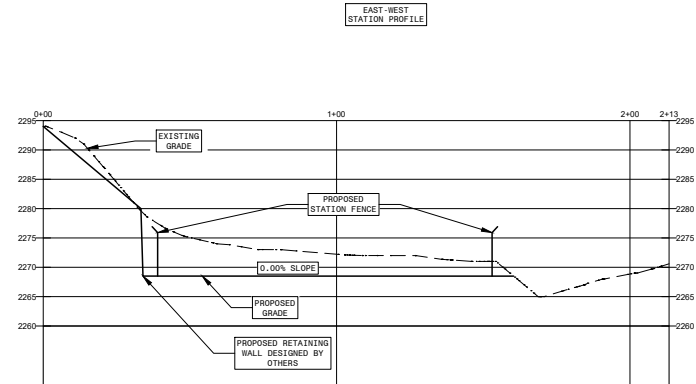
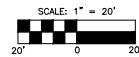
The existing distribution line will be partially rebuilt within the town of Richlands, and the 3.5-mile proposed distribution line will continue north and tap into the new generation station. Perimeter filter sock/silt fence will be used at all structures and along all gravel access roads to contain the sediment from leaving the site. Tracking/Overland access roads will be utilized as much as possible and in dry conditions only to limit the potential for any rutting. Gravel access roads will be built for a few structures based on the terrain and existing condition of the access route. The gravel roads are to remain as permanent access roads post construction. Once complete, new electric lines will be pulled from the existing substation to the generator site. This is roughly 5 miles of 3-phase, 336ACSR wire.



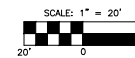
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REFERENCE DRAWING:

- CJ-GS01-S01 COVER SHEET
- CJ-GN01-S02 GENERAL NOTES
- CJ-EC01-S03 STATION LAYOUT PLAN (EXISTING CONDITIONS)
- CJ-SL01-S04 STATION LAYOUT PLAN
- CJ-GP01-S05 GRADING PLAN (PHASE I)
- CJ-CS01-S06 GRADING SECTION VIEWS
- CJ-ED01-S07 EROSION AND SEDIMENT CONTROL DETAILS



CU-GS01-S06.dwg

THIS DRAWING WAS PREPARED BY WSP FOR A SPECIFIC PROJECT, TAKING INTO CONSIDERATION THE SPECIFIC AND UNIQUE REQUIREMENTS OF THE PROJECT. REUSE OF THIS DRAWING OR ANY INFORMATION CONTAINED IN THIS DRAWING FOR ANY PURPOSE IS PROHIBITED UNLESS WRITTEN PERMISSION FROM BOTH WSP AND VEP'S CLIENT IS OBTAINED.

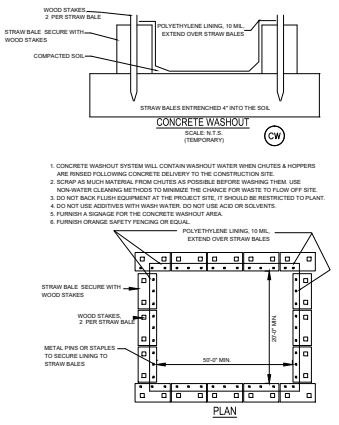
REV	REVISIONS	DATE	DRN	DSGN	CKD	APPD	REFERENCE DRAWINGS
A	ISSUES FOR COUNTY REVIEW - NOT FOR CONSTRUCTION	05/01/2026	JU	AA	TG		

DSGN	AA	05/01/2026
DRN	JU	05/01/2026
CKD	TG	05/01/2026
SCALE:	AS SHOWN	
FOR 24x36 DWG ONLY		



QUANTUM POWER INC.		JOB NUMBER	0245605	REV	A
RICHLANDS GAS GENERATION STATION TAZEVELL COUNTY, VIRGINIA		DRAWING NUMBER	CU-GS01-S06		
GRADING SECTION VIEWS					

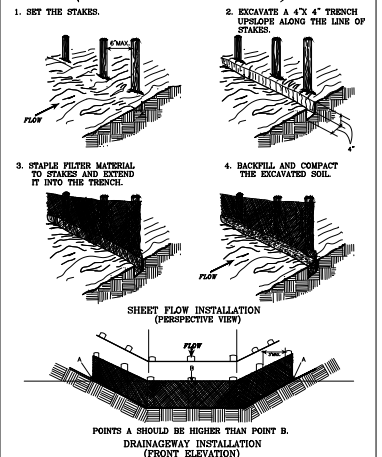
STONE CONSTRUCTION ENTRANCE



1. CONCRETE WASHOUT SYSTEM MUST CONTAIN WASHOUT WATER WHEN CHIPPERS & HOPPERS ARE RIGGED FOLLOWING CONCRETE DELIVERY TO THE CONSTRUCTION SITE.
2. SCOUR AS MUCH MATERIAL FROM CHIPPERS AS POSSIBLE BEFORE WASHING. THEN USE NON-WATER CLEANING METHODS TO MINIMIZE THE CHANCE FOR WASTE TO FLOW OFF SITE.
3. DO NOT RACK FILLER EQUIPMENT AT THE PROJECT SITE. IT SHOULD BE RESTRICTED TO PLANT.
4. DO NOT USE ADDITIVES WITH WASH WATER. DO NOT USE ACIDS OR SOLVENTS.
5. PROVIDE A STORAGE FOR THE CONCRETE WASHOUT AREA.
6. FURNISH AN ORANGE SAFETY FENCING OR EQUAL.

FIGURE 3.29-1 SOURCE: ADAPTED FROM 1981 *Virginia Standards for Soil Erosion and Sediment Control*, vol. No. 500C. Plate 3.29-1

CONSTRUCTION OF A SILT FENCE (WITHOUT WIRE SUPPORT)



1. SET THE STAKES.
2. EXCAVATE A 4' X 4' TRENCH OVERLAP ALONG THE LINE OF STAKES.
3. STAPLE FILTER MATERIAL TO STAKES AND EXTEND IT INTO THE TRENCH.
4. BACKFILL AND COMPACT THE EXCAVATED SOIL.

FIGURE 3.30-2 SOURCE: ADAPTED FROM INSTALLATION OF STONE AND TUBES TRAP BARRIERS FOR SOIL CONTROL, U.S. DNR, Sherwood and Yount. Plate 3.30-2

SEEDBED PREPARATION NOTES:

EXCERPTS FROM SPEC. 3.29 - SURFACE ROUGHENING VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK

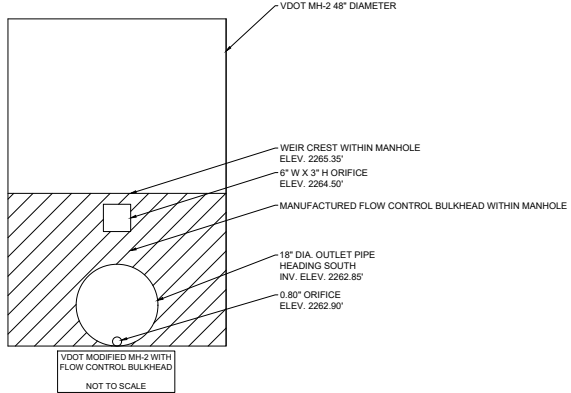
- AREAS WITH GRADES LESS STEEP THAN 3:1 SHOULD HAVE THE SOIL SURFACE LIGHTLY ROUGHENED AND LOOSE TO A DEPTH OF 2 TO 4 INCHES PRIOR TO SEEDING.
- IT IS IMPORTANT TO AVOID EXCESSIVE COMPACTING OF THE SOIL SURFACE WHEN SCOURING. TRACKING WITH BULLDOZER TREADS IS PREFERABLE TO NOT ROUGHENING AT ALL, BUT IS NOT AS EFFECTIVE AS OTHER FORMS OF ROUGHENING, AS THE SOIL SURFACE IS SEVERELY COMPACTED AND RUNOFF IS INCREASED.
- MOVED SLOPES SHOULD NOT BE STEEPER THAN 3:1. EXCESSIVE ROUGHNESS IS UNDESIRABLE WHERE MOWING IS PLANNED. THESE AREAS MAY BE ROUGHENED WITH SHALLOW GROOVES SUCH AS REMAIN AFTER TILLING, DISCING, HARROWING, BAKING, OR USE OF A CULTIPACKER-SEEDER. THE FURROW PASS OF ANY SUCH TILLAGE IMPLEMENT SHALL BE ON THE CONTOUR (PERPENDICULAR TO THE SLOPE).
- GROOVES FORMED BY SUCH IMPLEMENTS SHALL BE NOT LESS THAN 1-INCH DEEP AND NOT FURTHER THAN 12-INCHES APART. FILL SLOPES WHICH ARE LEFT ROUGH AS CONSTRUCTED MAY BE SMOOTHED WITH A DRAGLINE OR PICKUPAWM TO FACILITATE MOWING. ROUGHENING WITH TRACKED MACHINERY ON CLAYEY SOILS IS NOT RECOMMENDED UNLESS NO ALTERNATIVES ARE AVAILABLE.

SEE PLATE 3.29-1 THRU 3.29-4 FOR SURFACE ROUGHENING DETAILS IN SPEC. 3.29 FROM THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK

EXCERPTS FROM SPEC. 3.32 - PERMANENT SEEDING VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK

- SEEDBED PREPARATION - THE SOIL ON A DISTURBED SITE MUST BE MODIFIED TO PROVIDE AN OPTIMUM ENVIRONMENT FOR SEED GERMINATION AND SEEDLING GROWTH. THE SURFACE SOIL MUST BE LOOSE ENOUGH FOR WATER INFILTRATION AND ROOT PENETRATION. THE PH (ACIDITY AND ALKALINITY) OF THE SOIL MUST BE SUCH THAT IT IS NOT TOXIC AND NUTRIENTS ARE AVAILABLE, USUALLY BETWEEN PH 6.0-7.0. SUFFICIENT NUTRIENTS (ADDED AS FERTILIZERS) MUST BE PRESENT. AFTER SEED IS IN PLACE, IT MUST BE PROTECTED WITH A MULCH TO HOLD MOISTURE AND MODIFY TEMPERATURE EXTREMES, AND TO PREVENT EROSION WHILE SEEDLINGS ARE GROWING.
- [THE EXISTING SOIL] MUST HAVE SUFFICIENT DEPTH OF SOIL TO PROVIDE AN ADEQUATE ROOT ZONE. THE DEPTH TO ROCK OR IMPERMEABLE LAYERS SUCH AS HARDPANS SHALL BE 12 INCHES OR MORE, EXCEPT ON SLOPES STEEPER THAN 2:1 WHERE THE ADDITION OF SOIL IS NOT FEASIBLE.

DEPTH (INCHES)	PER 1,000 SQUARE FEET	PER ACRE
1	3.1	134
2	6.2	268
3	9.3	403
4	12.4	537
5	15.5	672
6	18.6	806



REV	REVISIONS	DATE	DRN	DSGN	CKD	APPD	REFERENCE DRAWINGS
A	ISSUES FOR COUNTY REVIEW - NOT FOR CONSTRUCTION	05/01/2026	JU	AA	TA		

TEMPORARY SEEDING

PLANTING DATES	SPECIES	RATE (LBS./ACRE)
SEPTEMBER 1 - FEBRUARY 15	50/50 MIX OF ANNUAL RYEGRASS (LQ/LTM MULTI-FLOURUM) GENERAL CEMENTED RYE (SPECIAL GENERAL)	50-100
FEBRUARY 16 - APRIL 30	ANNUAL RYEGRASS (LQ/LTM MULTI-FLOURUM)	40-100
MAY 1 - AUGUST 31	GERMAN WILLET (SPECIAL LQ/LTM)	50

PERMANENT SEEDING

MINIMUM CARE LAWN	TOTAL LBS. PER ACRE
-COMMERCIAL OR RESIDENTIAL -KENTUCKY 31 OR TURP-TYPE TALL FESCUE -IMPROVES PERENNIAL RYEGRASS -KENTUCKY BLUEGRASS	175-500 LBS.
-KENTUCKY 31 FESCUE -RED TOP GRASS -SEASONAL NURSE CROP*	90-100 LBS.
-KENTUCKY 31 FESCUE -RED TOP GRASS -SEASONAL NURSE CROP*	100 LBS.
-KENTUCKY 31 FESCUE -RED TOP GRASS -SEASONAL NURSE CROP*	150 LBS.
-KENTUCKY 31 FESCUE -RED TOP GRASS -SEASONAL NURSE CROP*	100 LBS.
-KENTUCKY 31 FESCUE -RED TOP GRASS -SEASONAL NURSE CROP*	80 LBS.
-KENTUCKY 31 FESCUE -RED TOP GRASS -SEASONAL NURSE CROP*	80 LBS.
-KENTUCKY 31 FESCUE -RED TOP GRASS -SEASONAL NURSE CROP*	80 LBS.

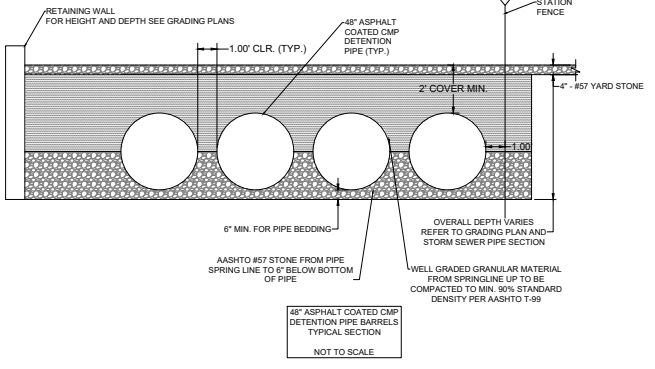
MUSE SEASONAL NURSE CROP IN ACCORDANCE WITH SEEDING DATES AS STATED BELOW:
 FEBRUARY 15TH THROUGH APRIL 15TH ANNUAL RYE
 MAY 1ST THROUGH AUGUST 15TH REDTOP WILLET
 AUGUST 16TH THROUGH OCTOBER 15TH ANNUAL RYE
 NOVEMBER THROUGH FEBRUARY 15TH REDTOP WILLET

LIME: 2 TONS/ACRE POLYMERIZED AGRICULTURAL GRADE LIMESTONE (90 LBS./1000 FT.²)
 FERTILIZER: 400 LBS./ACRE 10-20-10 OR EQUIVALENT NUTRIENTS (14 LBS./1000 FT.²)

TABLE 3.25-A
ORGANIC MULCH MATERIALS AND APPLICATION RATES

MULCHES	Per Acre	Per 1000 sq. ft.	NOTES
Straw or Hay	1 1/2 - 2 tons (Minimum 2 tons for winter cover)	70 - 90 lbs.	Free from weed and coarse matter. Must be anchored. Spread with match blower or by hand.
Fiber Mulch	Minimum 1500 lbs.	35 lbs.	Do not use in match for winter cover or during hot, dry periods. Apply as slurry.
Corn Stalks	4 - 6 tons	185 - 275 lbs.	Cut or shredded in 4-6" lengths. Air-dried. Do not use in fine turf areas. Apply with match blower, chip handler, or by hand.
Wood Chips	4 - 6 tons	185 - 275 lbs.	Free of coarse matter. Air-dried. Treat with 12 lbs nitrogen per ton. Do not use in fine turf areas. Apply with match blower, chip handler, or by hand.
Bark Chips or Shredded Bark	50 - 70 cu. yds.	1-2 cu. yds.	Free of coarse matter. Air-dried. Do not use in fine turf areas. Apply with match blower, chip handler, or by hand.

* When fiber mulch is the only available mulch during periods when straw should be used, apply at a minimum rate of 2000 lbs./ac. or 45 lbs./1000 sq. ft.



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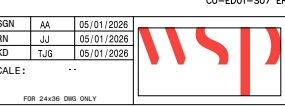
QUANTUM POWER INC.	JOB NUMBER	REV
EROSION AND SEDIMENT CONTROL DETAILS	0245605	A
CU-ED01-S07		



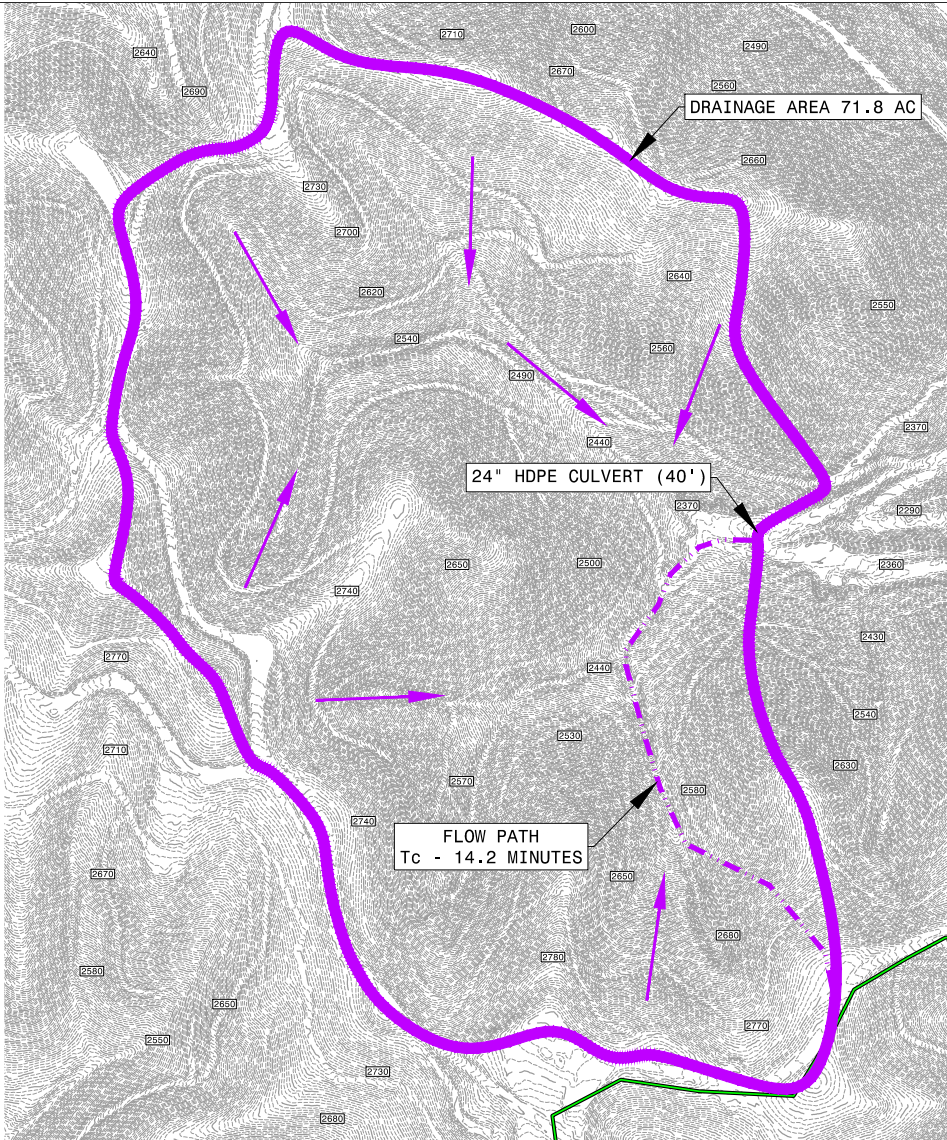
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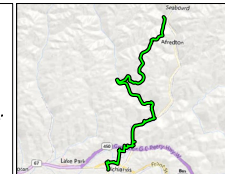
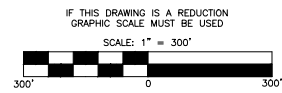
DRN	AA	05/01/2026
DRN	JU	05/01/2026
CKD	TG	05/01/2026



SCALE:	FOR 24x36 DWG ONLY



DRAINAGE AREA - CULVERT		
SOIL TYPE	CURVE NUMBER	ACRES
A	30	36.87
B	55	23.82
C	70	10.21
IMPERVIOUS	98	0.90
TOTAL	45	71.80



REV 0
**QUANTUM RICHLANDS GAS TURBINE
 GENERATION DISTRIBUTION LINE**
 SCC MAP
 TAZEWELL COUNTY, VA
 Sheet 1 of 1



WOP: DR: LCL ENG: AGC CH: DATE: 4/2/2026

**Erosion, Sediment Control, and Stormwater Management Plan
For
Roadway Relocation and Pad Expansion
296 Industrial Park Road
Cedar Bluff, Virginia 24609**

Report prepared for:

Consolidated Steel, Inc.
P.O. Box 110
Pounding Mill, VA 24637
Phone: (888) 315-4950
Fax: (276) 963-7138

Report Prepared By:

Onsite Systems Engineering, PLLC
9748 Coeburn Mountain Road
Wise, Virginia 24293
Phone: (275) 395-1727
Email: wms.ose@gmail.com

April 16, 2026

Revised May 8, 2026



NARRATIVE

Project Description

The purpose of this document is to outline a re-development plan by Consolidated Steel, Inc. in Tazewell County VA to relocate its existing truck entrance roadway and to expand their materials storage pad area. Reference to the final grading configuration can be found on *Map 5, Final Grading Plan*.

Consolidated Steel, Inc. is a family-operated business situated on River Industrial Park Road in Cedar Bluff, Virginia. For further geographic context, see *Vicinity Map* on *Map 1*.

The primary facility for Consolidated Steel currently occupies two parcels of land - BB&C, Inc., and Cedar Hills Properties, Inc. In addition, small portions of land from a tract owned by Keith & Linda Matney and another tract owned by Mountain Peak Land and Cattle, LLC are used by Consolidated Steel. All parcels mentioned are under the operational management of Consolidated Steel, Inc.

Re-development activities will occur on a 5.52-acre parcel owned by Cedar Hills Properties, Inc. (tax parcel 141A0057L). Additionally, a small section of the westerly adjoining parcel, owned by Triple H Construction and Equipment, will be used to accommodate the relocated roadway outslope. Triple H Construction and Equipment will provide a permanent easement to permit grading and right-of-way for the roadway and to provide permanent stormwater easements for Pond No. 1 and Pond No. 2 (see Appendix F).

Land-disturbing activities associated with this development will primarily involve grading to facilitate various components of the project. The following tasks are planned:

- Building three sediment ponds that will be converted to permanent stormwater management ponds upon stabilization and successful revegetation of the site.

- Development of stormwater conveyance structures
- Grading to expand the materials storage pad
- Construction of a new roadway to replace the existing truck access road
- Filling of a portion of the current truck access road to create additional storage pad area

This project is scheduled to proceed in three phases, as depicted on *Maps 3, 4, and 5*. The activities are expected to impact 7.25 acres and it is estimated that it will take 60 days to complete. The anticipated earthwork for the undertaking comprises just over 31,000 cubic yards of balanced cut and fill.

The Responsible Land Disturber (RLD) for this project is Keith Matney (RLD #37232)

Existing Site Conditions

Map 2 presents the current topography with aerial imagery of the subject property and surrounding areas. The planning area evaluated using the Virginia Runoff Reduction Method (VRRM) encompasses 8.25 acres, as depicted on *Maps 10 and 11*. This area includes all land impacted by the re-development and for which the owner holds legal authority to alter land cover. Of the total acreage, 5.66 acres are previously disturbed: 2.52 acres consist of prior cut-and-fill slopes maintained as turf within an industrial context, and 3.14 acres comprise an asphalt truck access roadway and a nearly level gravel-surfaced storage area that slopes southward at approximately 0.8%. The remaining 2.59 acres remain undisturbed or wooded, with portions currently utilized for grazing

Runoff originating from this project, along with 8.64 acres of adjacent land, is directed to two highway culverts located beneath Kents Ridge Road, designated as EP #1 and EP #2 on *Maps 8 and 9*. Both culverts discharge into Little River to the west of the site, and are utilized as evaluation points for pre- and post-development peak flow analysis. The Virginia Department of Transportation (VDOT) concurs with discharging into their

drainage system as evidenced by a copy of email correspondence with them (see *Appendix G under Correspondence* for a copy of that email).

The site is outside the Zone A designation for the floodplain of Little River, in an area of minimal flood hazard as shown by the Flood Map included in *Appendix B*. The site to be permitted is also outside any Resource Protection Area (RPA) that might be present due to its proximity to the perennial flow of Little River.

The location is situated at the eastern portion of the Clinch/Powell River Basin, which is identified by the 8-digit hydrologic unit code (HUC) 06010205.

Post-Development Site Conditions

Map 5 presents the final grading contours for the site. *Map 7* details the proposed land cover categories, which are also provided in tabular form in *Appendix B under Post-Development Runoff Curve Number Calculations*. The newly developed site will include a 4.03-acre gravel-surfaced materials storage pad with access via a re-aligned truck access roadway, as well as three permanent stormwater management ponds.

Karst Terrain Evaluation

The site has undergone an evaluation for potential karst features. A desktop review confirms the site's location within a region mapped as having moderate to high karst potential, with soils typical of residuum derived from limestone and dolomite. According to the NRCS soils report (*see Appendix A*), only the 13E Carbo Rock outcrop complex map unit mentions karst in its description. The soil map shows that the 13E Carbo Rock soils cover a minimal area (0.1 acre) at the far east edge of the watershed adjacent to the site. Only 0.02 acres of this will be disturbed where a construction entrance is planned at the existing grade. An aerial / topographic review along with field reconnaissance found no sinkholes, closed depressions, rock outcrops, or losing streams/swales within the proposed disturbance area.

Nevertheless, additional precautions will be taken during construction:

If karst conditions are identified, such as:

- Sinkholes
- Voids
- Sudden ground settlement

The following protocol will be followed:

- Construction activities in the affected area will cease immediately
- The area will be secured and stabilized
- A qualified geotechnical professional will assess the situation
- Suitable remedial actions will be implemented before work resumes

Adjacent Property

The site is mainly bordered by industrial properties, with agricultural land to the east. The VDOT right-of-way for Kents Ridge Road borders the west side of the project.

Off-Site Areas

No off-site land disturbing activities are planned to be disturbed in association with the development of this site, however off-site compliance with water quality standards is planned for a property located 14 miles east of this site in the same Clinch/Powell River Basin designated by the HUC of 06010205.

Soils

A custom soil resource report covering the planning area and associated watershed has been obtained from the Natural Resources Conservation Service's Web Soil Survey (see *Appendix A*).

Critical Erosion Areas

All proposed final slopes are under 75 feet in length, so no critical erosion areas will occur due to slope length. Silt control measures will be implemented near disturbed land to prevent runoff onto neighboring properties.

EARTHWORK SUMMARY (PHASE 2)

	CUT (BCY)	SWELL (%)	EMBANKMENT VOLUME (CY)	FILL (BCY)	EXCESS CUT
POND NO. 1	2,070	14.0%	2,360	50	2,310
POND NO. 2	1,350	18.0%	1,593	240	1,353
DIVERSION NO.1	370	-4.0%	355	270	85
NORTH END OF PAD FILL AND PARTIAL ROADWAY GRADING	18,260	16.0%	21,182	7,380	13,802
TEMPORARY STORAGE OF EXCESS MATERIAL	-	-	-	17,550	-
TOTALS	22,050		25,490	25,490	(0)

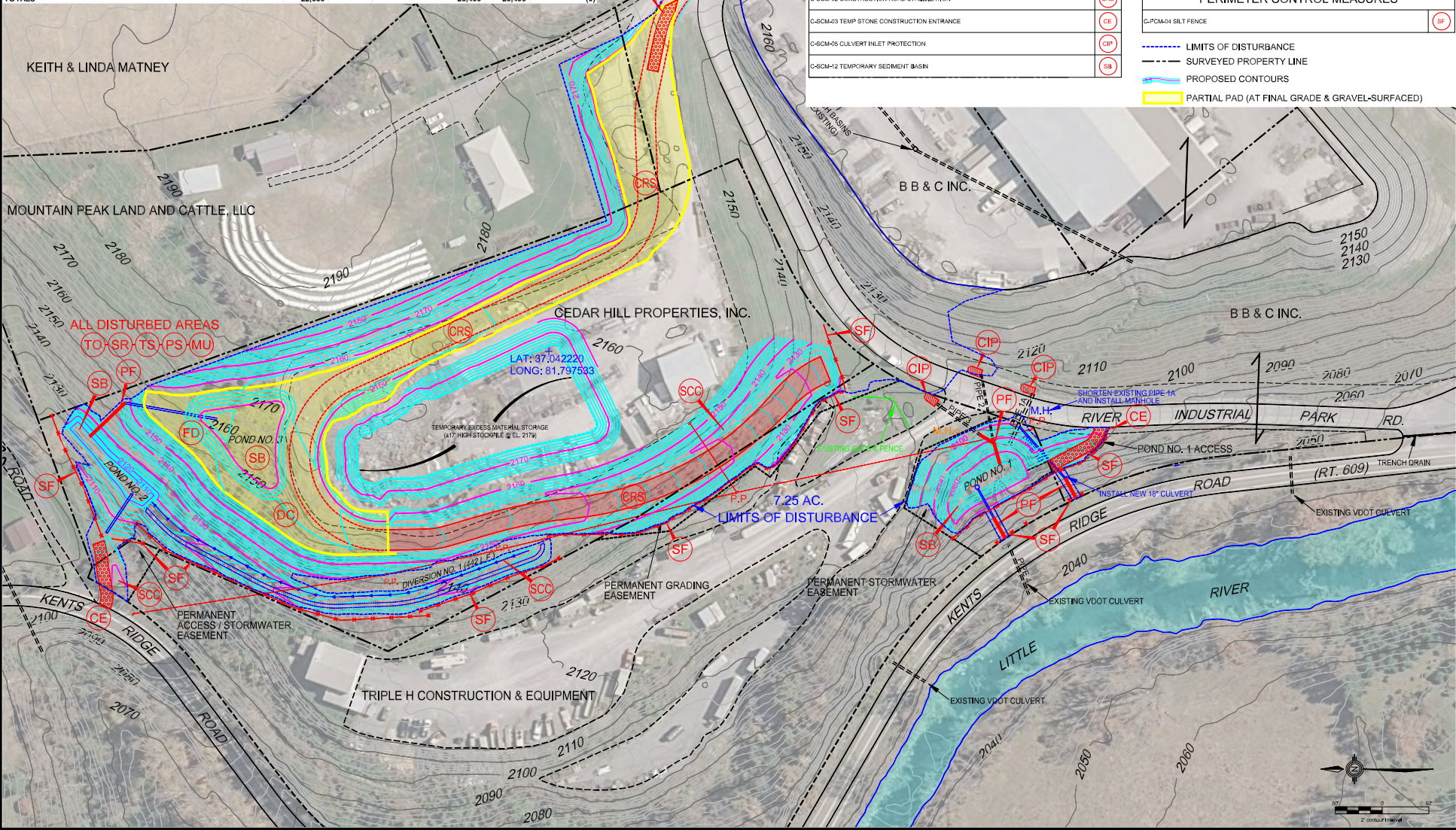
EROSION CONTROL MEASURES

C-ECM-08 TEMPORARY FILL DIVERSION	FD
C-ECM-09 STORMWATER CONVEYANCE CHANNEL	SCC
C-ECM-11 PAVED FLUME	PF
SEDIMENT CONTROL MEASURES	
C-SCM-01 DUST CONTROL	DC
C-SCM-02 CONSTRUCTION ROAD STABILIZATION	CAS
C-SCM-03 TEMP STONE CONSTRUCTION ENTRANCE	CE
C-SCM-05 CULVERT INLET PROTECTION	CIP
C-SCM-12 TEMPORARY SEDIMENT BASIN	SB

SURFACE STABILIZATION MEASURES

C-SSM-02 TOPSOILING	TO
C-SSM-03 SURFACE ROUGHENING	SR
C-SSM-09 TEMPORARY SEEDING	TS
C-SSM-10 PERMANENT SEEDING	PS
C-SSM-11 MULCHING	MU
PERIMETER CONTROL MEASURES	
C-PCM-04 SILT FENCE	SF

- LIMITS OF DISTURBANCE
- SURVEYED PROPERTY LINE
- PROPOSED CONTOURS
- PARTIAL PAD (AT FINAL GRADE & GRAVEL-SURFACED)



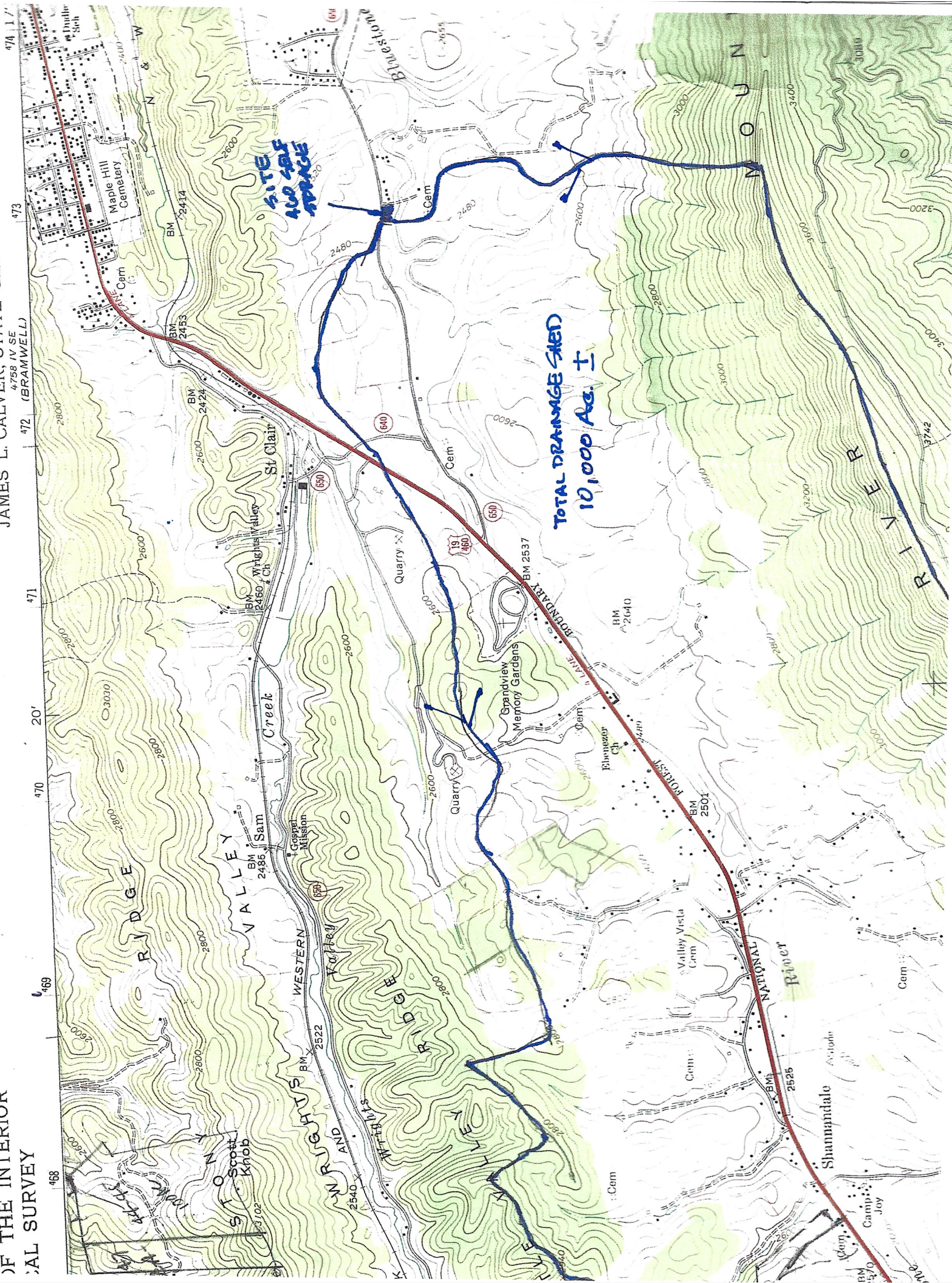
Rev.	Date	Description

REGISTERED PROFESSIONAL ENGINEER
 W. M. SKRIBNER
 Lic. No. 540000811
 4/16/26

CONSULTED: BLK
 DRAWING: BLK
 CHECKED: WMB
 DATE: MARCH 18, 2026
 SCALE: AS NOTED
 PROJECT NO.:
 FILE NUMBER:

Consolidated Steel, Inc.
 296 RIVER INDUSTRIAL PARK ROAD
 Cedar Bluff, VA 24609
 PHASE 2 GRADING PLAN
 ROADWAY RELOCATION AND PAD EXPANSION

SHEET NUMBER





- Legend**
- Silt Fence (SF)
 - Construction Entrance
 - Proposed Surface Contour
 - Existing Surface Contours

Notes:

1. Top Soil and Soil Stockpiles will be left, to be used on other projects.
2. Office projects must have an approved E&S Plan.
3. Stockpiles are to be seeded with temporary seeding mixtures as spelled out in the narrative report.
4. Total disturbed area not to exceed 0.95 acres.

ALPHA LAND SURVEYORS, PC
188 MAIN STREET
TAZEWELL, VIRGINIA 24651
PHONE: 276.886.8670

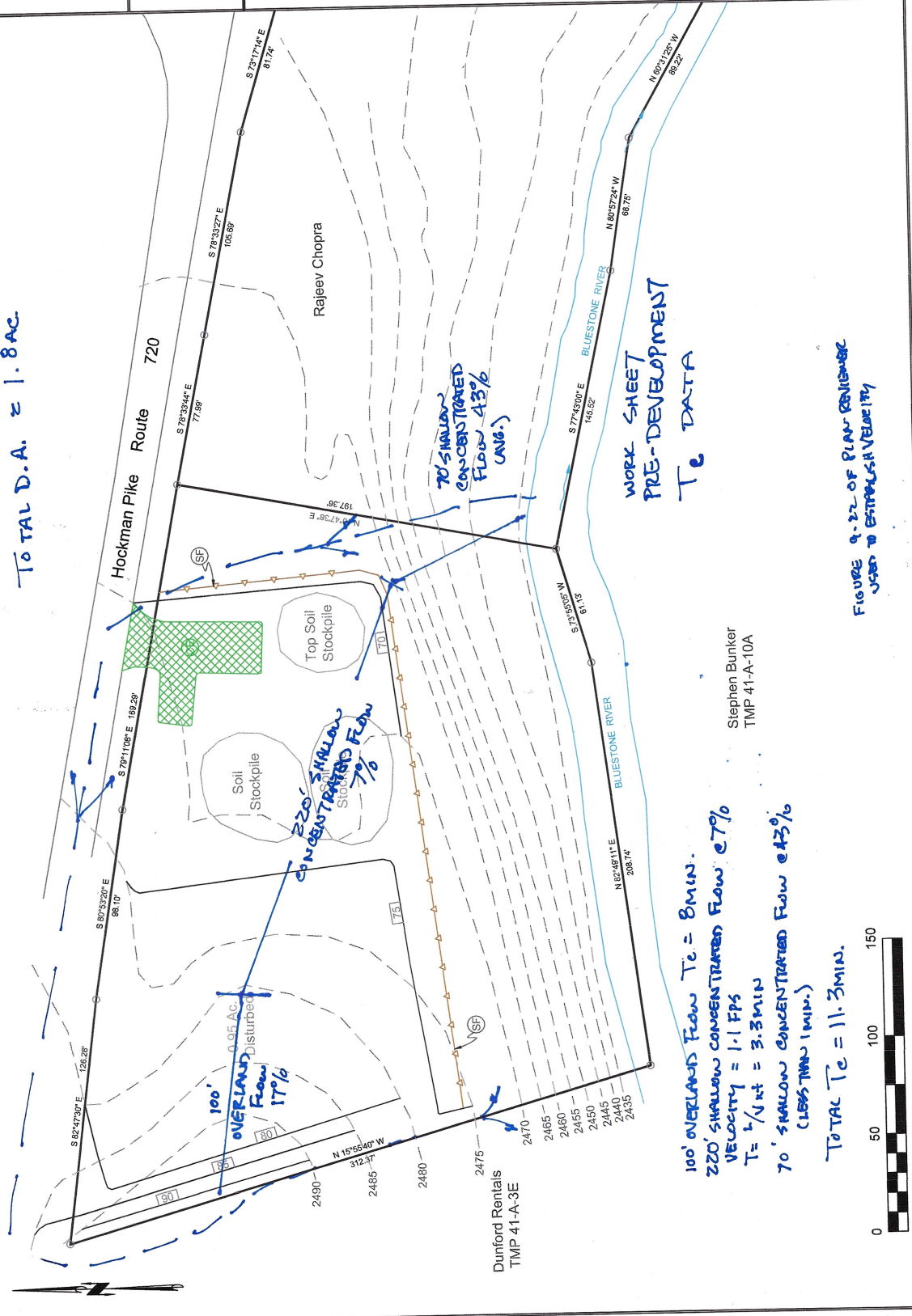
EROSION CONTROL & GRADING PLAN

for

460 Self Storage LLC
on Hockman Pike Road
Bluefield Virginia

Designed:	EG	Date:	March, 31, 2008
Reviewed:	JAL	Scale:	1" = 50'
Checked:		Sheet Number:	3 of 11

TOTAL D.A. \approx 1.8 AC



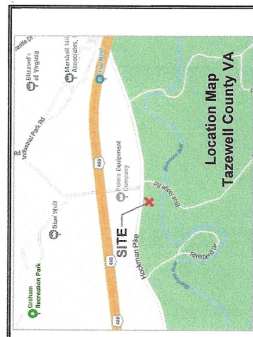
WORK SHEET
PRE-DEVELOPMENT
T_c DATA

FIGURE 9-22 OF PLAN REVIEWER'S
USED TO ESTABLISH VELOCITY

Stephen Bunker
TMP 41-A-10A



TOTAL D.A. = 1.8 AC



Legend

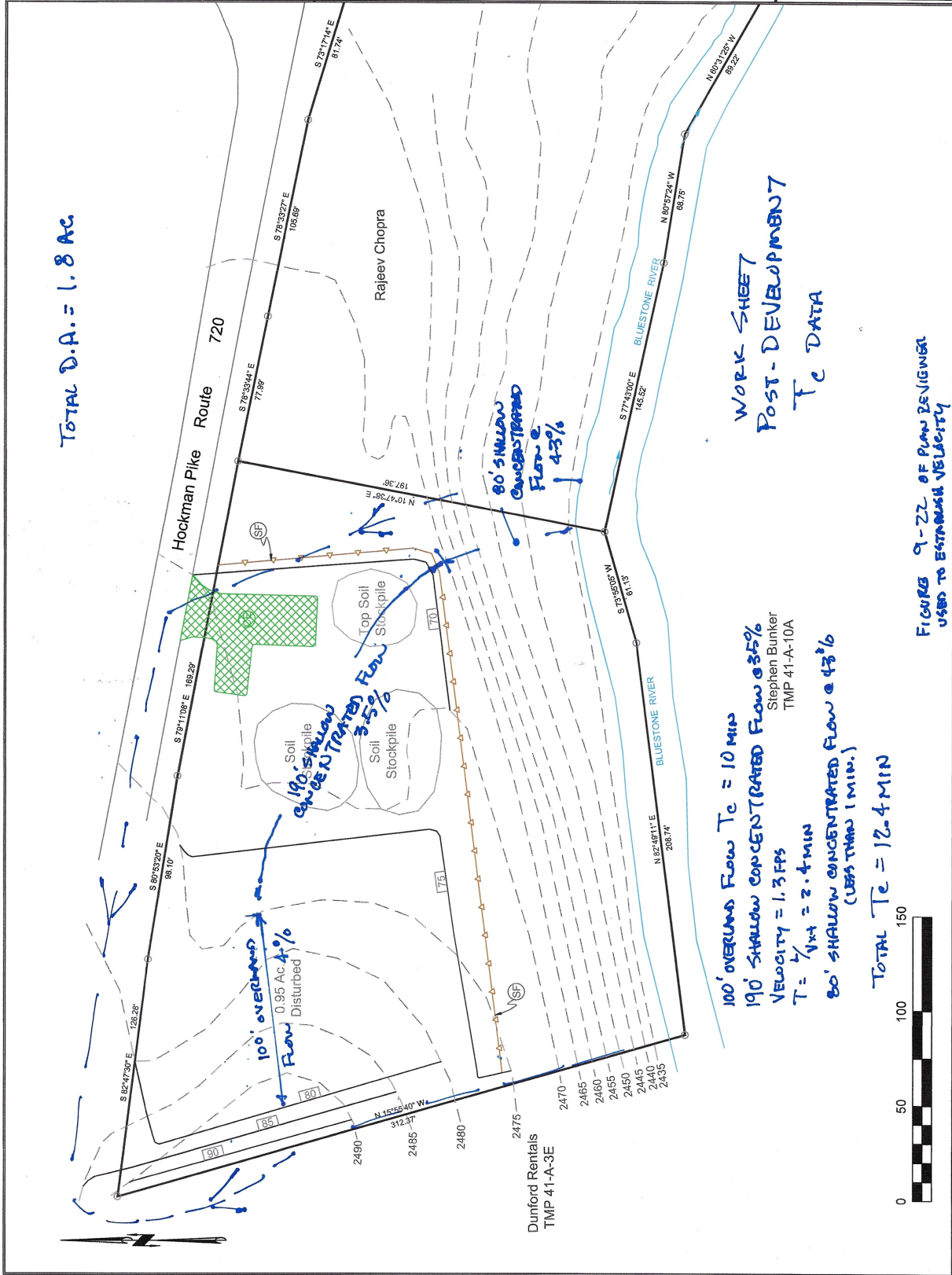
- Silt Fence (SF)
- Construction Entrance
- Proposed Surface Contour
- Existing Surface Contours

Notes: Top Soil and Soil Stockpiles will be left, to be used in office site preparation.
 Other projects must have an approved E&S Plan.
 Stockpiles are to be seeded with temporary seeding mixtures as spelled out in the narrative report.
 Total disturbed area not to exceed 0.95 acres.

ALPHA LAND SURVEYORS, PC
 188 MAIN STREET
 TAZEVELL, VIRGINIA 24651
 PHONE: 276.988.8870

EROSION CONTROL & GRADING PLAN
 for
460 Self Storage LLC
 on Hockman Pike Road
 Bluefield Virginia

Designed:	Date: March 31, 2028
Drawn:	Scale: 1" = 50'
Reviewed:	Sheet: 3 of 3
Checked:	Sheet Number:



WORK SHEET
 POST-DEVELOPMENT
 Tc DATA

FIGURE 9-22 OF PLAN 25/VIEWER
 USED TO ESTIMATE VELOCITY



Dunford Rentals
 TMP 41-A-3E

460 SELF STORAGE
PRE & POST DEVELOPMENT DRAINAGE
CALCULATIONS

PRE-DEVELOPMENT:

D.A. = 1.8 acres

C = 0.3

Tc = 11.3 min.

I (10yr) = 5.0

Q (10yr) = $1.8 \times 0.3 \times 5.0 = 2.7$ cfs

POST-DEVELOPMENT:

D.A. = 1.8 acres

C = 0.3

Tc = 12.4 min.

I (10yr) = 4.9

Q (10yr) = $1.8 \times 0.3 \times 4.9 = 2.6$ cfs

See PRE & POST Tc work sheets for time of concentration data