TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER RESOURCES
William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Avenue, 11th Floor
Nashville, TN 37243
Toll Free Number: 1-888-891-8332 (TDEC)

NOTICE OF INTENT (NOI) FOR GENERAL NPDES PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES (TNR100000)

Site or Project Name: Grace Cove Subdivision			**NPDES Tracking Number: TNR**
Street Address including city or zip code or Location: Osment Road / Cleveland, TN 37323			Construction Start Date: June 15, 2024
			Estimated End Date: June 14, 2025
Site Description: A Small 19 lot Subdivision			Latitude (dd.dddd): 35.1316
			Longitude (-dd.dddd): -84.7696
County(ies): Bradley	MS4 Jurisdiction (if applicable): N/A		Acres Disturbed: 4.75
			Total Acres: 5.00

Are there any streams ☐ and/or wetlands ☐ on or adjacent to the construction site?
If wetlands are located on-site and may be impacted, attach wetlands delineation report.
If an Aquatic Resource Alteration Permit has been obtained for this site, what is the permit number? ARAP Number:

Receiving waters: Drainage ditches along Osment Road to Paps Branch, a Tributary of South Chestuee Creek.

Include the SWPPP with the NOI ■ SWPPP Included | Include a site location map ■ Map Included

Name of Site Owner or Developer (Site-Wide Permittee): (correct legal name of person, company, or entity that has operational or design control over construction plans and specifications)
HBA and Partners, LLC TN SOS Control # 001010152

For corporate entities only, provide the Tennessee Secretary of State (SOS) Control Number:

Site Owner or Developer Contact Name: (individual responsible for site) Corey Hindman	Title or Position: (the party who signs the certification below): Managing Partner		
Mailing Address: 238 Old Parksville Road SE	City: Cleveland	State: TN	Zip: 37323
Phone: (423) 400-8656	E-mail: hbaandpartners@gmail.com		

Optional Contact Name:	Title or Position:		
Mailing Address:	City:	State:	Zip:
Phone:	E-mail:		

Owner or Developer Certification: (must be signed by president, vice-president or equivalent, or ranking elected official) (Primary Permittee) HBA and Partners, LLC		
I certify under penalty of law that this document and all attachments were prepared by me, or under my direction or supervision. The submitted information is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury.		
Owner or Developer Name: (print or type): Corey Hindman	Signature:	Date: 05/03/2024

Contractor(s) Certification: (must be signed by president, vice-president or equivalent, or ranking elected official) (Secondary Permittee)		
I certify under penalty of law that I have reviewed this document, any attachments, and the SWPPP referenced above. Based on my inquiry of the construction site owner/developer identified above and/or my inquiry of the person directly responsible for assembling this NOI and SWPPP, I believe the information submitted is accurate. I am aware that this NOI, if approved, makes the above-described construction activity subject to NPDES permit number TNR100000, and that certain of my activities on-site are thereby regulated. I am aware that there are significant penalties, including the possibility of fine and imprisonment for knowing violations, and for failure to comply with these permit requirements. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury.		
Primary contractor name, address, and SOS control number (if applicable): (print or type) David E. Clayton / 6209 Benton Pike NE / Cleveland, TN 37323	Signature:	Date: 05/03/2024
Primary contractor name, address, and SOS control number (if applicable): (print or type)	Signature:	Date:
Primary contractor name, address, and SOS control number (if applicable): (print or type)	Signature:	Date:

Thomas C. Whitsitt, PE, RLS
225 Blueberry Hill Road NW
Cleveland, Tennessee 37312
(423) 605-1671

May 15, 2024

Ms. Jennifer Innes (Via Email)
Tennessee Department of Environment and Conservation
Division of Water Pollution Control
1301 Riverfront Parkway, Suite 206
Chattanooga, Tennessee 37402

Reference: Grace Cove Subdivision Site Preparation
Osment Road, Cleveland, Bradley County, Tennessee

Dear Ms. Innes:

Attached hereto is a Notice of Intent (NOI) for General NPDES Permit for Stormwater Discharges from Construction Activities (TNR1000000) for the development of a site for Small Subdivision in Bradley County, Tennessee.

Also included is a Storm Water Pollution Prevention Plan.

The check for review is being mailed to your office.

Please assign this to one of your reviewers.

Thanking you in advance for your assistance, I remain

Very truly yours,

Thomas C. Whitsitt, P.E., R.L.S.
TCW/wt

Copy: Corey Hindman & David Clayton (via email)

STORM WATER POLLUTION PREVENTION PLAN

Prepared for

Grace Cove Subdivision
Site Development
Osment Road SE
Cleveland, Bradley County, Tennessee

Prepared by:

Thomas C. Whitsitt, P.E., R.L.S.

May 3, 2024

Site Location Map
Grace Cove Subdivision
Cleveland, Bradley County, TN 37323
USGS Quadrangle
Latitude: 35.1316 Longitude: -84.7696

General Information

This Storm Water Pollution Prevention Plan (SWPPP) is developed in accordance with the Tennessee General NPDES Permit (TNR) 100000) for Storm Water Discharges Associated with Construction Activity (TNCGP), and is prepared using sound engineering practices. The Engineer involved with the development of this plan has completed the *Design of Vegetative and Structural Measures for Erosion Prevention and Sediment Control* course available from the State of Tennessee.

As instructed by Part III.F of the TNCGP, this plan and all attachments are hereby submitted to the local Environmental Assistance Center (EAC), along with the complete, correctly signed Notice of Intent (NOI). Construction will not be initiated prior to 30 days from the date of submittal of this document, or prior to receipt of a Notice of Coverage (NOC) from the Tennessee Department of Environment and Conservation (TDEC).

Owner/Developer: HBA and Partners, LLC
238 Old Parksville Road NE
Cleveland, TN 37323
Contact Person: Corey Hindman, Managing Partner
Telephone: (423) 400-8656
Email: hbaandpartners@gmail.com

I certify under penalty of law that this document and all attachments were prepared by me, or under my direction or supervision. The submitted information is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration in made under penalty of perjury.

Representative of owner/developer and title:

Corey Hindman, Managing Partner Date: 05/03/2024

Primary Contractor: David E. Clayton
6209 Benton Pike NE
Cleveland, TN 37323
Contact Person: David Clayton, Owner (423) 593-2299
Email: davidclayton1220@gmail.com

I certify under penalty of law that I have reviewed this document, any attachments and the SWPPP referenced above. Based on my inquiry of the construction site owner/developer identified above, and/or my inquiry of the person directly responsible for assembling this NOI and SWPPP, I believe the information submitted is accurate. I am aware that this NOI, if approved, makes the above-described construction activity subject to NPDES permit number TNR100000, and that certain of my activities on-site are thereby regulated. I am aware that there are significant penalties, including the possibility of fine and imprisonments for knowing violations, and for failure to comply with these permit requirements. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration in made under penalty of perjury.

Company name of primary contractor: Signature (must be signed by president, V.P. or equivalent)

David E. Clayton, Owner Date: 05/03/2024

The individual responsible for installation and maintenance of erosion and sediment control measures will be David Clayton. Inspections will be performed by **Ben Clayton**, who has completed the ***Fundamentals of Erosion Prevention and Sediment Control*** course offered by the State of Tennessee. Ben's mobile telephone number is (423) 716-4148.

Current versions of this SWPPP, the NOI, and the NOC will be kept on the site for the duration of the project. These items will be available for the use of all operators and site personnel involved with erosion and sediment controls, and are available to TDEC personnel visiting the site. A notice will be posted near the construction entrance containing a copy of the NOC with the tracking number assigned by the EAC, the name and telephone number of a contact person for the development, and a brief description of the project.

Any new contractor on the project that has any responsibility to install, inspect, or maintain erosion or sediment control measures will sign the contractor's certification on a copy of the NOI (Appendix A) and will submit it to the local EAC, any correspondence with TDEC or any EAC will reference the tracking number assigned by TDEC to the project. **Corey Hindman** will submit a Notice of Termination (NOT; Appendix B) after the complete installation and successful establishment of the final stabilization activities at the site.

It is the intention and goal of the TNCGP and this SWPPP that any discharge from the property described in this document have no objectionable color contrast to the water body that receives it. The construction activity will be carried out in such a manner as will prevent any discharge that would cause a condition in which visible solids, bottom deposits, or turbidity impairs the usefulness of the waters on the property or downstream of the property for fish and aquatic life, livestock watering and wildlife, recreation, irrigation, navigation, or industrial or domestic water supply.

This plan may be amended for reasons described below, or for other reasons. When the plans are revised, the contractor will implement the changes to erosion protection and sediment controls within 48 hours after the need for modification is identified.

Existing Site Conditions

The property is 5.00 acres of partial woods and open ground. The project involves a proposed disturbed area of 4.75 acres, including the roadway and grading of the lots to be building pad ready. The property lies on the south side of US Highway 74 (Water Level Highway), also south and west of Tamarac Trail SE and east of Osment Road in Bradley County east of Cleveland, Tennessee. The disturbed portion of the site drains east and south in roadway ditches and overland to Paps Branch, a tributary of the South Chestuee Creek.

Soils Survey

Soil surveys indicate that the site is Apison silt loam, Leadvale silt loam and Montevallo silt loam, all of varying slopes. There are no hydric soils in the area, and the site is well drained by natural swales and no defined streams or wetland properties are present in the proposed disturbed area. Paps Branch is approximately 1,000 feet from the proposed disturbed area.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Ab	Apison silt loam, eroded rolling phase	3.7	74.9%
Lb	Leadvale silt loam, eroded undulating phase	1.1	22.9%
Mo	Montevallo shaly silt loam, eroded rolling phase	0.1	2.2%
Totals for Area of Interest		**4.9**	**100.0%**

Ab—Apison silt loam, eroded rolling phase

Map Unit Setting

- *National map unit symbol:* kp72
- *Elevation:* 500 to 1,100 feet
- *Mean annual precipitation:* 45 to 65 inches
- *Mean annual air temperature:* 46 to 70 degrees F
- *Frost-free period:* 179 to 209 days
- *Farmland classification:* Not prime farmland

Map Unit Composition

- *Apison and similar soils:* 100 percent
- *Estimates are based on observations, descriptions, and transects of the mapunit.*

Description of Apison

Setting

- *Landform:* Hillslopes
- *Landform position (two-dimensional):* Summit, shoulder, backslope
- *Landform position (three-dimensional):* Side slope, crest
- *Parent material:* Loamy residuum weathered from interbedded sedimentary rock

Typical profile

- *H1 - 0 to 5 inches:* silt loam
- *H2 - 5 to 22 inches:* silty clay loam
- *Cr - 22 to 40 inches:* bedrock

Properties and qualities

- *Slope:* 5 to 12 percent
- *Depth to restrictive feature:* 20 to 40 inches to paralithic bedrock
- *Drainage class:* Well drained
- *Capacity of the most limiting layer to transmit water (Ksat):* Very low to moderately high (0.00 to 0.20 in/hr)
- *Depth to water table:* More than 80 inches
- *Frequency of flooding:* None
- *Frequency of ponding:* None
- *Available water supply, 0 to 60 inches:* Low (about 3.6 inches)

Interpretive groups

- *Land capability classification (irrigated):* None specified
- *Land capability classification (nonirrigated):* 3e
- *Hydrologic Soil Group:* C
- *Ecological site:* F128XY501WV - Thermic Interbedded Sedimentary Uplands
- *Hydric soil rating:* No

Lb—Leadvale silt loam, eroded undulating phase

Map Unit Setting

- *National map unit symbol:* kp9n
- *Elevation:* 1,700 to 2,300 feet
- *Mean annual precipitation:* 45 to 65 inches
- *Mean annual air temperature:* 46 to 70 degrees F
- *Frost-free period:* 179 to 209 days
- *Farmland classification:* All areas are prime farmland

Map Unit Composition

- *Leadvale and similar soils:* 100 percent

- *Estimates are based on observations, descriptions, and transects of the mapunit.*

Description of Leadvale

Setting

- *Landform:* Hillslopes
- *Landform position (two-dimensional):* Footslope
- *Landform position (three-dimensional):* Base slope
- *Parent material:* Loamy alluvium over residuum weathered from shale

Typical profile

- *H1 - 0 to 5 inches:* silt loam
- *H2 - 5 to 16 inches:* silty clay loam
- *H3 - 16 to 32 inches:* silty clay loam
- *H4 - 32 to 60 inches:* silty clay

Properties and qualities

- *Slope:* 2 to 5 percent
- *Depth to restrictive feature:* 16 to 38 inches to fragipan
- *Drainage class:* Moderately well drained
- *Capacity of the most limiting layer to transmit water (Ksat):* Moderately low to moderately high (0.06 to 0.60 in/hr)
- *Depth to water table:* About 10 to 11 inches
- *Frequency of flooding:* None
- *Frequency of ponding:* None
- *Available water supply, 0 to 60 inches:* Low (about 3.1 inches)

Interpretive groups

- *Land capability classification (irrigated):* None specified
- *Land capability classification (nonirrigated):* 2e
- *Hydrologic Soil Group:* C/D
- *Ecological site:* F128XY505WV - Thermic Low Stream Terrace Alluvium
- *Hydric soil rating:* No

Mo—Montevallo shaly silt loam, eroded rolling phase

Map Unit Setting

- *National map unit symbol:* kpbh
- *Elevation:* 500 to 1,800 feet
- *Mean annual precipitation:* 45 to 65 inches
- *Mean annual air temperature:* 46 to 70 degrees F
- *Frost-free period:* 179 to 209 days
- *Farmland classification:* Not prime farmland

Map Unit Composition

- *Montevallo and similar soils:* 100 percent
- *Estimates are based on observations, descriptions, and transects of the mapunit.*

Description of Montevallo

Setting

- *Landform:* Hills
- *Landform position (two-dimensional):* Summit, shoulder
- *Landform position (three-dimensional):* Side slope, crest
- *Parent material:* Channery residuum weathered from acid shale

Typical profile

- *H1 - 0 to 5 inches:* channery silt loam
- *H2 - 5 to 10 inches:* very channery silt loam
- *Cr - 10 to 20 inches:* bedrock

Properties and qualities

- *Slope:* 5 to 12 percent
- *Depth to restrictive feature:* 10 to 20 inches to paralithic bedrock

- *Drainage class:* Well drained
- *Capacity of the most limiting layer to transmit water (Ksat):* Very low to moderately high (0.00 to 0.20 in/hr)
- *Depth to water table:* More than 80 inches
- *Frequency of flooding:* None
- *Frequency of ponding:* None
- *Available water supply, 0 to 60 inches:* Very low (about 1.0 inches)

Interpretive groups

- *Land capability classification (irrigated):* None specified
- *Land capability classification (nonirrigated):* 4e
- *Hydrologic Soil Group:* D
- *Ecological site:* F128XY501WV - Thermic Interbedded Sedimentary Uplands
- *Hydric soil rating:* No

Hydric Rating by Map Unit

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
Ab	Apison silt loam, eroded rolling phase	0	3.7	74.9%
Lb	Leadvale silt loam, eroded undulating phase	0	1.1	22.9%
Mo	Montevallo shaly silt loam, eroded rolling phase	0	0.1	2.2%
Totals for Area of Interest			**4.9**	**100.0%**

Project Description

The project will involve cutting and filling about 6,000 cubic yards of earth for the development of a 19-lot subdivision with a access road from Osment Road. There will be no import nor export of excavation. The lot was cleared for the sale of the timber, but no grubbing occurred and the stumps remain. The main grading will be for the roadway, but each lot will have a graded and stabilized building pad to minimize future disturbance. This developer will be constructing the homes as well, and will be under this permit, if granted.

Sediment Management

The site will not require a sediment basin as the site drainage breaks down into 2 drainage areas, each less than 3 acres. Silt fences will clarify the water leaving the site from the disturbed areas. Sediment removed from the silt fences or any other accumulated muddy water will be removed and carefully transported to either drying areas or buried in contained locations on site. If pumping is required, it shall be accomplished with a pump/filter bag or will be directed into an appropriate sediment control structure. Sediment will be removed from any sediment control device when the design capacity has been reduced by 50%.

The storm water collection system will consist a roadway curb directing the flow to outlets and area drainage sheet flow off the disturbed areas. The sheet flow will have the silt fence filtering the flow from the site to the overland flow toward the unnamed tributary. There will be outlet protection for the cross-drain piping.

Site Control

A construction entrance will be installed to protect egress and ingress from the site until the site has been stabilized. All vehicles exiting the site will be required to use the construction entrance/exit. Preconstruction vegetation shall not be disturbed more than 15 days prior to any excavating activities. During the entire operation, the work will be overseen by TDEC Level 1 Certified personnel who will constantly observe the work and will make bi-weekly inspection as required by the SWPPP. Steep slopes (equal to or greater than 35%) shall be stabilized no later than 7 days after construction activity on these slopes has temporarily or permanently been ceased.

Failure of any best management practice device will be replaced or repaired within 7 days of its failure. Should it be determined that this SWWP is insufficient to provide adequate EPSC for the site, it will be reviewed and redesigned by Thomas C. Whitsitt as is deemed necessary.

Onsite personnel regularly pick up trash and debris and will check projected weather events to make sure that a rainfall event will not cause the washing of trash, debris or chemicals into the drainage from the site. Exposed litter, debris, chemicals, etc., shall be properly stored and disposed of prior to any anticipated storm events. Any spillage of hazardous materials or chemicals will be managed as per the Spills and Non-Storm Water Contingencies section of this SWPPP.

All EPSCs have been designed to control runoff from a 2 year-24-hour storm event as per (CGP §3.5.3.3).

Stabilization Locations

Stabilization of slopes will be by grassing with mulch. The top of each pad itself will be seeded with mulch. The road will be paved with asphalt. Everything not so covered will be seeded and mulched.

Any temporary or permanent stabilization shall be completed no later than 14 days after the construction activity for said area has temporarily or permanently ceased. Steep slopes (equal to or greater than 35%) shall be stabilized no later than 7 days after construction activity on these slopes has temporarily or permanently been ceased.

The permanent seeding will be with KY 31 Fescue; however, the slopes will be temporarily seeded along with the flat areas according to the following seasonal seed mix depending on the season during which the grassing is accomplished

GROUP "B"		
Kentucky 31 Fescue	55	
English Rye	20	June 1-August 15
Korean Lespedeza	15	
German Millet	10	
GROUP "B1"		
Bermudagrass (hulled)	70%	April 15 - August 15
Annual Lespedeza	30%	
GROUP "C"		
Kentucky 31 Fescue	70%	
English Rye	20%	August 1-December 1
White Clover	10%	
GROUP "C1"		
Crown Vetch	25%	
Kentucky 31 Fescue	70%	February 1-December 1
English Rye	5%	

Groups "A", "B", and "C" when sown on slopes 3:1 and steeper shall be over seeded with Sericea Lespedeza at the rate of 15 lbs per acre(0.2 kgs per 100 m^2). When over-seeding is performed between February 1 and July 1, Scarified Sericea Lespedeza shall be used with an additional 2 lbs per acre(22 grams per 100 m^2) of Weeping Lovegrass. Between July 1 and December unhulled Sericea Lespedeza shall be used. Group "C1" seed shall be used only when specified in the Plans.

Seed groups and approved varieties to be used for temporary seeding according to dates.

GROUP "D" Jan. 1-May 1		GROUP "E" May 1-July 15	GROUP "F" July 15-Jan. 1
Italian Rye	33-1/3%	100%	Balboa Rye 66-2/3%
Korean Lespedeza	33-1/3%	*Sudan-Sorghum Crosses	Italian Rye 33-1/3%
Summer Oats	33-1/3%	or	
		**Starr Millet 100%	

303d Requirements and Inspections

Discharges from the project will flow overland, but ultimately will ultimately enter the South Chestuee Creek. According to Part III.F. of the TNCGP, this plan and all attachments is being submitted to the local EAC, along with the completed NOI.

If the controls are installed and maintained correctly but are found to provide an inadequate level of protection, **Thomas C. Whitsitt** will make revisions to this plan and these revisions will be implemented by the contractor. The inspector will certify on a twice weekly basis on the standard TDEC ***Construction Storm Water Inspection Report*** form that the inspection described above has been performed and whether or not all of the erosion and sediment control measures are installed and in working order.

A construction site assessment of the SWPPP shall be performed in accordance with part 3.1.2 of the Tennessee Construction General Permit within one month of construction commencement.

Inspections will be conducted at least twice a week 72 hours apart. Inspections will be performed by qualified inspectors (TNEPSC Level One certified). Inspections will include all disturbed areas, sediment control structures, outfall points and drain ways located on the site. Inspections will be properly documented according to the requirements of section 3.5.8.2 of the TNCGP. If inspections find the maintenance (i.e. failure of control or improper installation) is required, action to correct will be taken before the next storm event, but no later than 7 days after identification. The inspector will maintain the project rain gauge that is located in the proximity of the site. Inspections will cover, at a minimum, all disturbed areas that have not

undergone final stabilization, sediment control structures, outfall points, and the stream. The inspections will be conducted with the purpose of determining whether erosion prevention and sediment control measures are effective in preventing impacts to receiving waters. If during these inspections it is discovered that repair or maintenance is required of any temporary or permanent control measure, the action taken to correct the problem will be documented.

Runoff Calculations

The Rational Method was used to estimate pre and post-development runoff. The calculations indicate that there will be a minimal increase in runoff coefficient and in peak discharge as a result of the project; however, the stormwater must traverse some distance overland through to the creek. Additionally, the impervious area will be greatly flattened so as to reduce the velocity of the runoff and to increase the time of concentration of any rainfall event so that at the end of this project the runoff from the site will be roughly equivalent to the preconstruction condition.

Spills and Non-Storm Water Contingencies

All fueling of equipment and vehicles on site will be conducted in properly designated areas. Any spillage will be removed immediately. Contaminated soils will be placed on heavy plastic and covered or placed into approved containers to prevent contact with storm water. All fuel tanks will be in the containment area. Oils, other vehicle fluids, paints, and solvents will be stored in the construction trailer. Any spill in excess of two gallons will be reported to a representative of the site contractor.

If a release containing a hazardous substance in an amount equal to or in excess of a reporting quantity established under either 40 CFR 117 or 40 CFR 302 occurs during a 24-hour period, the contractor will immediately notify the permittee who shall then do the following: notify the National Response Center (NRC) (800-424-8802) and the Tennessee Emergency Management Agency (TEMA) (emergencies: 800-262-3300; non-emergencies: 800-262-3400); as well as the local Environmental Assistance Center.

Each participant is responsible for providing litter control for trash generated by his crew. A container for garbage will be located on the construction site and will be limited to garbage and paper trash only. Paint cans, oil cans, used oil, and filters will be contained and disposed of by the contractor by taking them to the Bradley County Hazardous Waste Disposal Center.

Phasing of Construction

The site development will be accomplished in two phases.

Phase 1 will be the construction entrance into the site from Osment Road, installation of erosion prevention and sediment control features at the site itself, grubbing and removal of the remaining tree stumps and grading the subdivision roadway. The site naturally drains northeast to Tamarac Trail and northwest to Osment Road. At both roadways, existing drainage ditches will convey the outfall west and south to an overland swale and on the Paps Branch, so no especial ditches or swales will be required. It is anticipated that 2 days will be required for installation of the construction entrance and the silt fences, and an additional 10 days to rough in the roadway.

Phase 2 will be the grading and stabilization of the lot pads and paving the roadway with crushed stone. Approximately 6,000 cubic yards of onsite cut and fill along with fine grading of the area will take about 3 to 4 weeks. As each lot has a home built on it, permanent grassing and driveway construction will be completed. When the first home is sold and occupied, asphaltic binder will be placed on the crushed stone paving. All areas not covered with stone or pavement will be grassed. All erosion prevention and sediment control measures identified in this SWPPP will have been installed prior to any grading activities, as recommended in the Tennessee Erosion Prevention and Sediment Control Handbook. Any disturbed areas not under construction for 14 days (7 days for slopes greater than 35%) will be temporarily grassed.

Following hereinafter is a copy of the required Inspection Report.

TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION (TDEC)
DIVISION OF WATER RESOURCES (DWR)
William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Avenue, 11th Floor
Nashville, Tennessee 37243
1-888-891-TDEC (8332)

NOTICE OF TERMINATION (NOT) FOR GENERAL NPDES PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES (CGP)

This form is required to be submitted when requesting termination of coverage from the CGP. The purpose of this form is to notify the TDEC that either all stormwater discharges associated with construction activity from the portion of the identified facility where you, as an operator, have ceased or have been eliminated; or you are no longer an operator at the construction site. Specifically, this means that all disturbed soils at the portion of the construction site where the operator had control have been permanently stabilized, the temporary erosion and sediment control measures have been removed, and/or subsequent operators have obtained permit coverage for the site or portions of the site where the operator had control. Submission of this form shall in no way relieve the permittee of permit obligations required prior to submission of this form.

Submit this form to the local DWR Environmental Field Office (EFO) address (see table below) or using MyTDEC Forms electronic submittal process. For more information, contact your local EFO at the toll-free number 1-888-891-8332 (TDEC).

Site or Project Name:	**NPDES Tracking Number: TNR**
Street Address or Location:	County(ies):

Name of Permittee Requesting Termination of Coverage:			
Permittee Contact Name:	Title or Position:		
Mailing Address:	City:	State:	Zip:
Phone:	E-mail:		

Check the reason(s) for termination of permit coverage: (check only one)

☐	Primary permittee termination: all requirements for termination under Permit Part 9.1.1. a) through c) have been met. This includes, but is not limited to, for areas the primary permittee has control all earth-disturbing activities at the site are complete and permanent stabilization as defined in Part 10 of the CGP has been achieved. (attach photo documentation)
	When applicable, and you are a primary permittee seeking termination, list who is responsible for ongoing maintenance of stormwater controls left on the site subject for long-term use following termination of coverage:
☐	Secondary permittee termination: all requirements for termination under Permit Part 9.2.1. have been met (no longer an operator at the construction site).

Certification and Signature:

(must be signed by president, vice-president or equivalent ranking elected official)

I certify under penalty of law that either: (a) all stormwater discharges associated with construction activity from the portion of the identified facility where I was an operator have ceased or have been eliminated or (b) I am no longer an operator at the construction site. I understand that by submitting this notice of termination, I am no longer authorized to discharge stormwater associated with construction activity under this general permit, and that discharging pollutants in stormwater associated with construction activity to waters of the state is unlawful under the Tennessee Water Quality Control Act where the discharge is not authorized by a NPDES permit. I also understand that the submittal of this notice of termination does not release an operator from liability for any violations of this permit or the Tennessee Water Quality Control Act. I certify under penalty of law that this document and all attachments were prepared by me, or under my direction or supervision. The submitted information is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury.

Permittee name (print or type):	Signature:	Date:

EFO	Address	EFO	Street Address
Memphis	8383 Wolf Lake Drive, Bartlett, TN 38133	Cookeville	1221 South Willow Ave., TN 38506
Jackson	1625 Hollywood Drive, TN 38305	Chattanooga	1301 Riverfront Parkway, Ste. 206, TN 37402
Nashville	711 R S Gass Boulevard, TN 37243	Knoxville	3711 Middlebrook Pike, TN 37921
Columbia	1421 Hampshire Pike, TN 38401	Johnson City	2305 Silverdale Road, TN 37601

TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION (TDEC)
DIVISION OF WATER RESOURCES
William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Avenue, 11th Floor
Nashville, Tennessee 37243
1-888-891-8332 (TDEC)

General NPDES Permit for Stormwater Discharges from Construction Activities (CGP)

Construction Stormwater Inspection Certification (Inspection Form)

Site or Project Name:		**NPDES Tracking Number: TNR**
Primary Permittee Name:		Date of Inspection:
Current approximate <u>disturbed</u> acreage:	Has rainfall been checked/documented daily? ☐ Yes ☐ No	Name of Inspector:
Current weather/ground conditions:	Rainfall total since last inspection:	Inspector's TNEPSC Certification Number:
Site Assessment ☐ Yes ☐ No	Assessor's TN PE registration number:	Assessor's TNEPSC Level II/CPESC number:

Check the box if the following items are on-site:	
☐	Notice of Coverage (NOC)
☐	Stormwater Pollution Prevention Plan (SWPPP)
☐	Weekly inspection documentation
☐	Site contact information
☐	Rain Gage
Off-site Reference Rain Gage Location	

Best Management Practices (BMPs):

Are the Erosion Prevention and Sediment Controls (EPSCs) functioning correctly? If "No," describe below in Comment Section				
1.	Are all applicable EPSCs installed and maintained per the SWPPP per the current phase?		☐ Yes	☐ No
2.	Are EPSCs functioning correctly at all disturbed areas/material storage areas? (permit section 5.5.3)		☐ Yes	☐ No
3.	Are EPSCs functioning correctly at outfall/discharge points such that there is no objectionable color contrast in the receiving stream, and no other water quality impacts? (permit section 5.5.3.5 and 6.3.2)		☐ Yes	☐ No
4.	Are EPSCs functioning correctly at ingress/egress points such that there is no evidence of track-out? (permit section 5.5.3.1)		☐ Yes	☐ No
5.	If applicable, have discharges from dewatering activities been managed by appropriate controls? (permit section 4.1.3) If "No," describe below the measure to be implemented to address deficiencies.	☐ N/A	☐ Yes	☐ No
6.	If construction activity at any location on-site has temporarily/permanently ceased, was the area stabilized within 14 days? (permit section 5.5.3.4) If "No," describe below each location and measures taken to stabilize the area(s).	☐ N/A	☐ Yes	☐ No
7.	Have pollution prevention measures been installed, implemented, and maintained to minimize the discharge of pollutants from wash waters, exposure of materials and discharges from spills and leaks per section 4.1.4? If "No," describe below the measure to be implemented to address deficiencies.	☐ N/A	☐ Yes	☐ No

Site or Project Name:	**NPDES Tracking Number: TNR**
Primary Permittee Name:	Date of Inspection:

8.	If a concrete washout facility is located on site, is it clearly identified on the project and maintained? If "No," describe below the measures to be implemented to address deficiencies. (permit section 1.2.2)	☐ N/A	☐ Yes	☐ No
9.	Have all previous deficiencies been addressed? If "No," describe the remaining deficiencies in the Comments section. ☐ Check if deficiencies/corrective measures have been reported on a previous form.	☐ N/A	☐ Yes	☐ No

Comment Section. If the answer is "No" for any of the above, describe the problem and summarize corrective actions to be taken. Otherwise, describe any pertinent observations:

Certification and Signature (must be signed by the certified inspector and the permittee per Sections 5.5.3.11 (g) and 8.7.2 of the CGP)

I certify under penalty of law that this document and all attachments were prepared by me, or under my direction or supervision. The submitted information is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury.

Inspector Name and Title :	Signature:	Date:
Primary Permittee Name and Title:	Signature:	Date:

Construction Stormwater Inspection Certification Form (Inspection Form)

Purpose of this form / Instructions

An inspection, as described in subsection 5.5.3.9. of the General Permit for Stormwater Discharges from Construction Activities ("Permit"), shall be performed at the specified frequency and documented on this form. Inspections shall be performed at least 72 hours apart. Where sites or portion(s) of construction sites have been temporarily stabilized, or runoff is unlikely due to winter conditions (e.g., site covered with snow or ice), such inspection only has to be conducted once per month until thawing results in runoff or construction activity resumes.

Inspections can be performed by:

a) a person with a valid certification from the "Fundamentals of Erosion Prevention and Sediment Control Level I" course,
b) a licensed professional engineer or landscape architect,
c) a Certified Professional in Erosion and Sediment Control (CPESC), or
d) a person who has successfully completed the "Level II Design Principles for Erosion Prevention and Sediment Control for Construction Sites" course.

Qualified personnel, as defined in subsection 5.5.3.10 of the Permit (provided by the permittee or cooperatively by multiple permittees) shall inspect disturbed areas of the construction site that have not been permanently stabilized, areas used for storage of materials that are exposed to precipitation, structural control measures, locations where vehicles enter or exit the site, and each outfall.

Disturbed areas and areas used for storage of materials that are exposed to precipitation shall be inspected for evidence of, or the potential for, pollutants entering the site's drainage system. Erosion prevention and sediment control measures shall be observed to ensure that they are operating correctly.

Outfall points (where discharges leave the site and/or enter waters of the state) shall be inspected to determine whether erosion prevention and sediment control measures are effective in preventing significant impacts to receiving waters. Where discharge locations are inaccessible, nearby downstream locations shall be inspected. Locations where vehicles enter or exit the site shall be inspected for evidence of offsite sediment tracking.

Based on the results of the inspection, any inadequate control measures or control measures in disrepair shall be replaced or modified, or repaired as necessary, before the next rain event if possible, but in no case more than 7 days after the need is identified.

Based on the results of the inspection, the site description identified in the SWPPP in accordance with section 5.5.1 of the Permit and pollution prevention measures identified in the SWPPP in accordance with section 5.5.2 of the Permit, shall be revised as appropriate, but in no case later than 7 days following the inspection. Such modifications shall provide for timely implementation of any changes to the SWPPP, but in no case later than 14 days following the inspection.

All inspections shall be documented on this Construction Stormwater Inspection Certification form. Alternative inspection forms may be used as long as the form contents and the inspection certification language are, at a minimum, equivalent to the Division's form and the permittee has obtained a written approval from the Division to use the alternative form. Inspection documentation will be maintained on site and made available to the Division upon request. Inspection reports must be submitted to the Division within 10 days of the request.

Trained certified inspectors shall complete inspection documentation to the best of their ability. Falsifying inspection records or other documentation or failure to complete inspection documentation shall result in a violation of this permit and any other applicable acts or rules.

Grace Cove

Osment Road SE Cleveland, TN

Location Plan

INDEX

LOCAL CONTACTS

Bradley County Planning Department
Ron Wilson, Chief Building Official
Theresa Vineyard, Office Administrator & Permitting Specialist
155 Broad Street Northwest
P.O. Box 1167
Cleveland, Tennessee 37311
Phone: (423) 775-1817

Bradley County Road Department
Tom Collins Superintendent
752 Pleasant Grove Road, SW
McDonald, TN 37353
Phone: (423) 728-7006

Ocoee Utility District
Tim Lawson, General Manager
P.O. Box 305
Ocoee, TN 37361
Phone: (423) 559-8505

811

Call Before you Dig!

(800) 351-1111

Wait three days before you dig. It is the responsibility of all contractors to contact utility companies prior to commencement of any construction. Certification of underground utilities is not available for this project.

Revisions:

05/06/2024

Thomas C. Whitsitt, P.E., R.L.S.
225 Blueberry Hill Road NW / Cleveland, TN 37312
(423) 605-1671

HBA & Partners
6649 Georgetown Road NW / Cleveland, TN 37312
(423)400-8656

Grace Cove

Cover Sheet

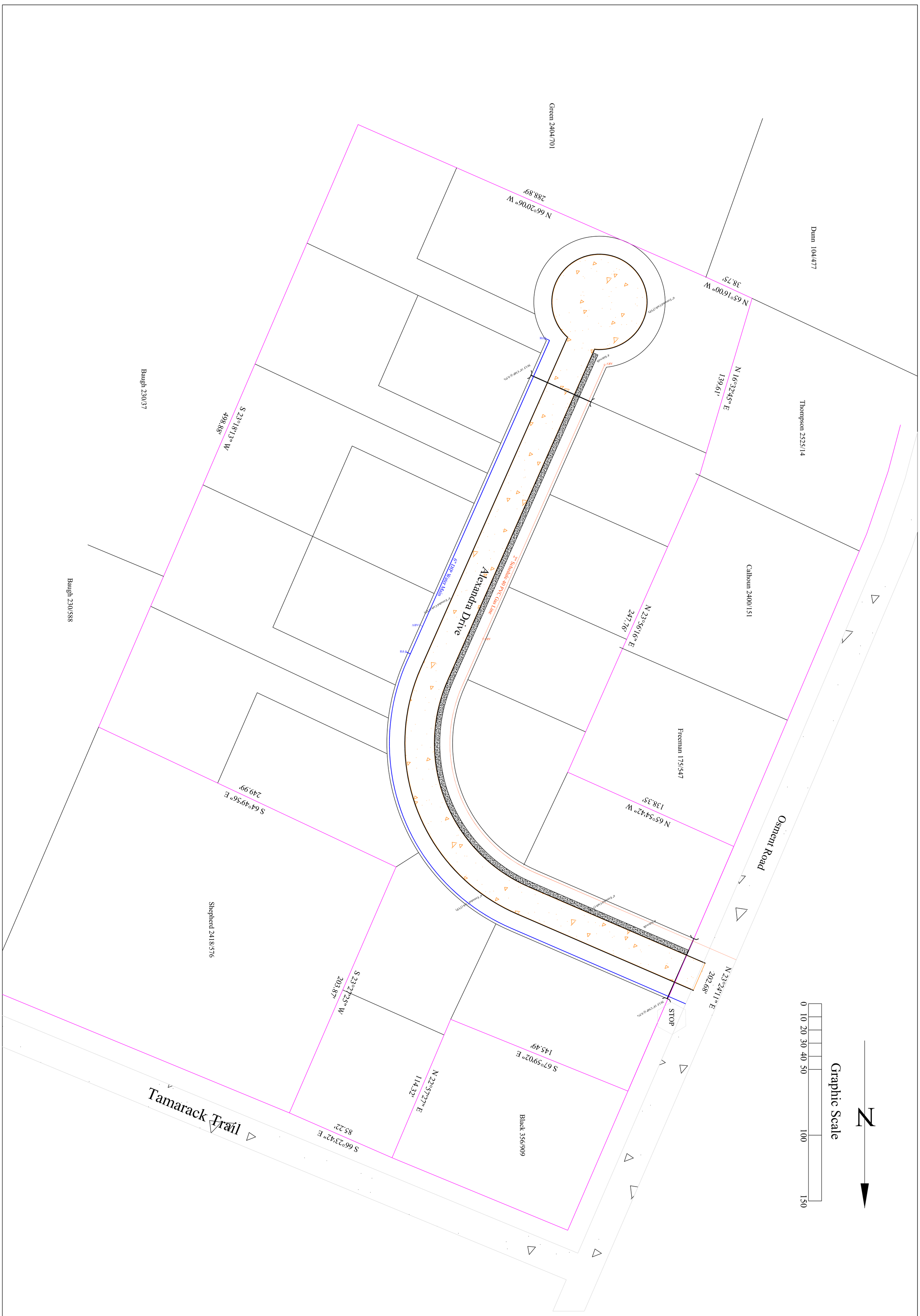
No Scale

Cover Sheet

Issue Date: 05/06/2024

Drawing No.

C-00



C-01	Site Plan	Grace Cove	HBA & Partners	Thomas C. Whitsitt, P.E., R.L.S.
Drawing No.	Issue Date: 05/06/2024	Site Plan	6649 Georgetown Road NW / Cleveland. TN 37312	225 Blueberry Hill Road NW / Cleveland, TN 37312
		Scale 1" = 30'	(423)400-8656	(423) 605-1671

Revisions:

N

Graphic Scale

0 10 20 30 40 50 100 150

Osment Road

Outfall 1 (2.33 Ac.)

Outfall 2 (2.42 Ac.)

Drainage Divide

Drainage

Drainage

Tamarack Trail

Legend

- Existing Contour
- DA Disturbed Area
- SF Silt Fence
- CE Construction Entrance

Revisions:

05/06/2024

Thomas C. Whitsitt, P.E., R.L.S.
225 Blueberry Hill Road NW / Cleveland, TN 37312
(423) 605-1671

HBA & Partners
6649 Georgetown Road NW / Cleveland. TN 37312
(423)400-8656

Grace Cove

SWPPP Phase 1

Scale 1" = 50'

SWPPP Phase 1

Issue Date: 05/06/2024

Drawing No.

C-02

Osment Road

Alexandra Drive

Tamarack Trail

N 16°32'45" E
139.61'

N 23°56'16" E
247.76'

N 23°24'11" E
202.68'

N 65°16'00" W
38.75'

N 65°59'04" W
248.89'

N 65°59'47" W
138.35'

S 67°59'02" E
145.10'

N 22°57'27" E
114.32'

S 23°37'25" W
203.87'

S 66°23'42" E
48.39'

S 64°49'56" E
249.99'

S 23°18'13" W
498.88'

6" DIP Water Main

2" Schedule 40 PVC Gas Line

820

830

Graphic Scale

0 10 20 30 40 50 100 150

Legend

- Existing Contour
- Final Contour
- Disturbed Area
- Silt Fence
- Construction Entrance
- Asphalt Pavement

Revisions:

Thomas C. Whitsitt, P.E., R.L.S.
225 Blueberry Hill Road NW / Cleveland, TN 37312
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HBA & Partners
6649 Georgetown Road NW / Cleveland, TN 37312
(423)400-8656

Grace Cove

SWPPP Phase 2

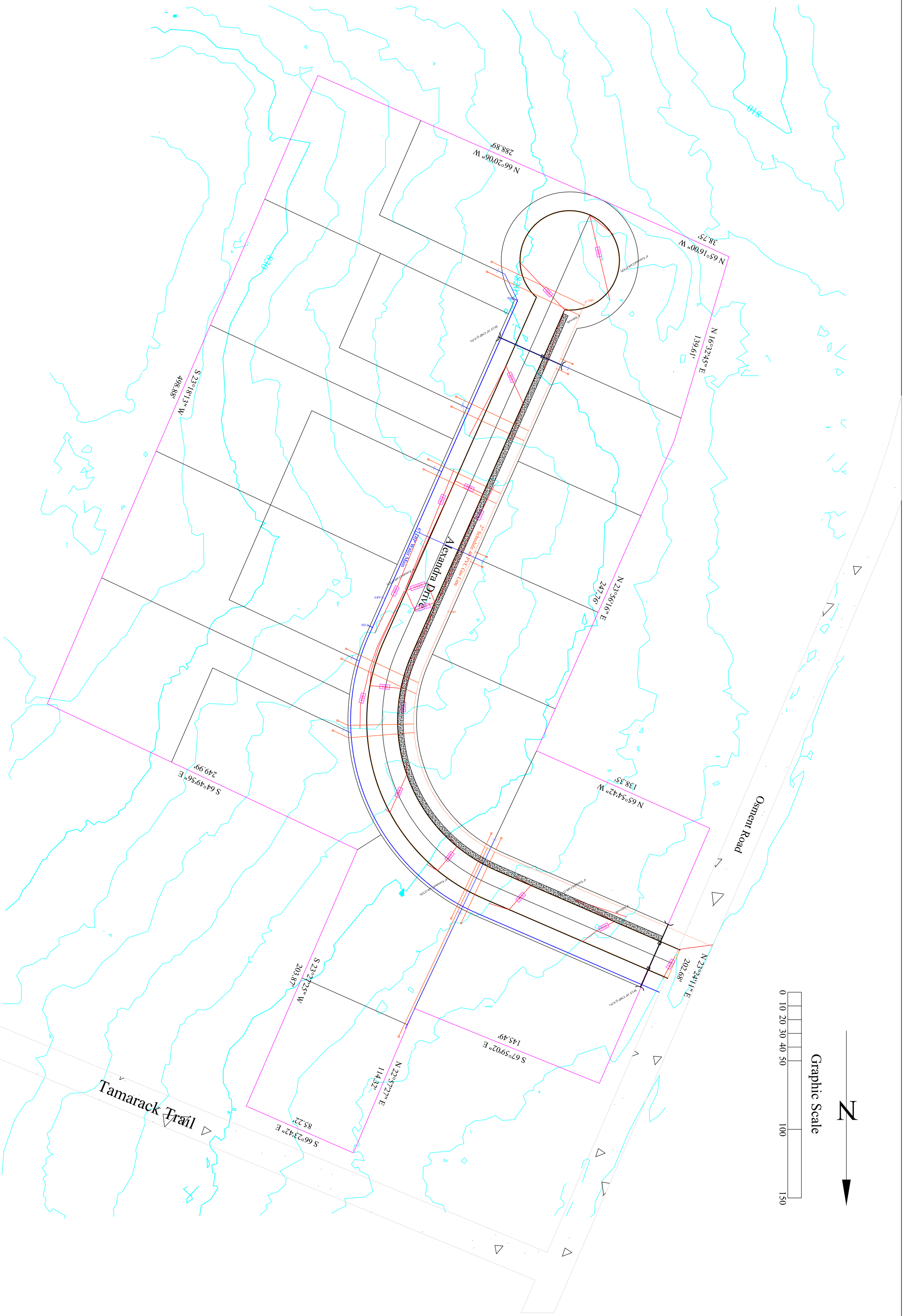
Scale 1" = 50'

SWPPP Phase 2

Issue Date: 05/06/2024

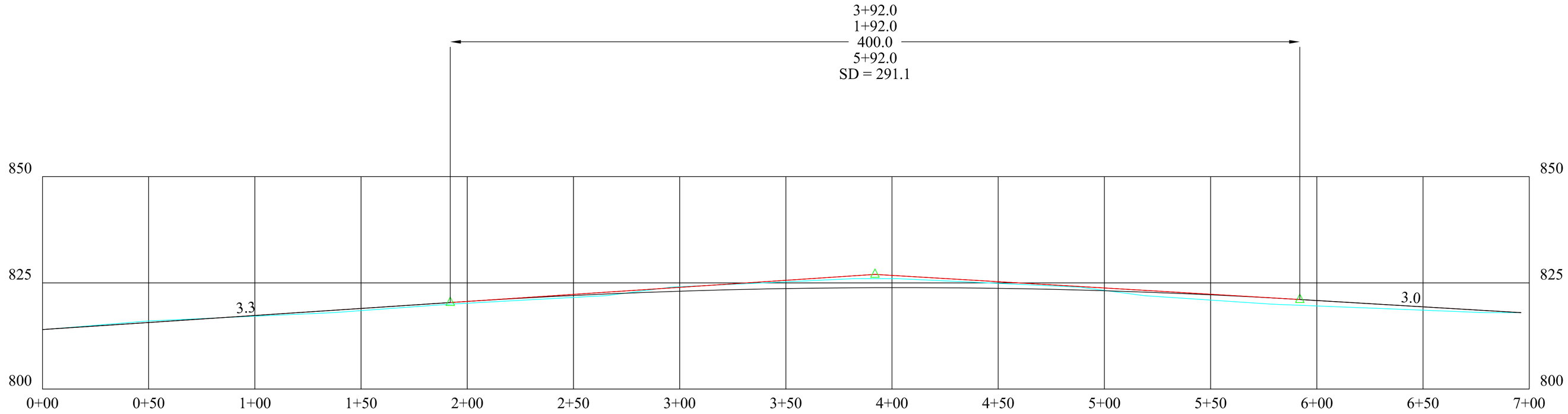
Drawing No.

C-03



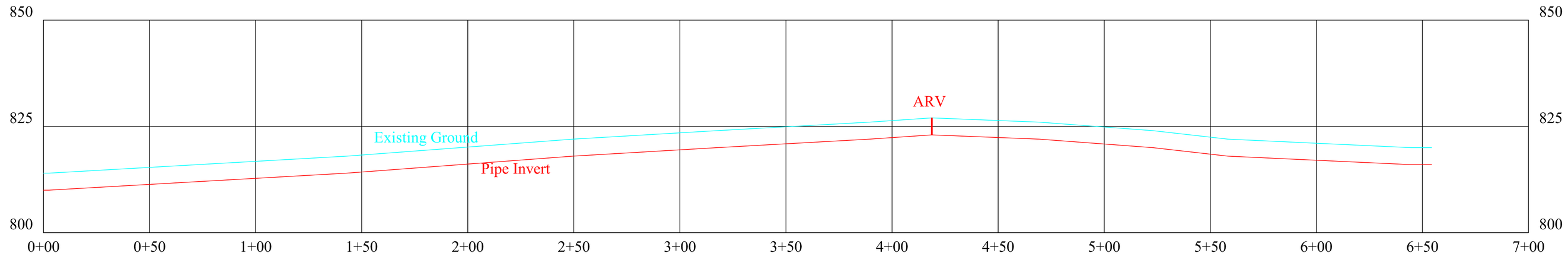
C-04	Water & Sewer Plan	Grace Cove	HBA & Partners	Thomas C. Whitsitt, P.E., R.L.S.
Drawing No.	Issue Date: 05/06/2024	Water & Sewer Plan	6649 Georgetown Road NW / Cleveland. TN 37312	225 Blueberry Hill Road NW / Cleveland, TN 37312
		Scale 1" = 50'	(423)400-8656	(423) 605-1671

Revisions:



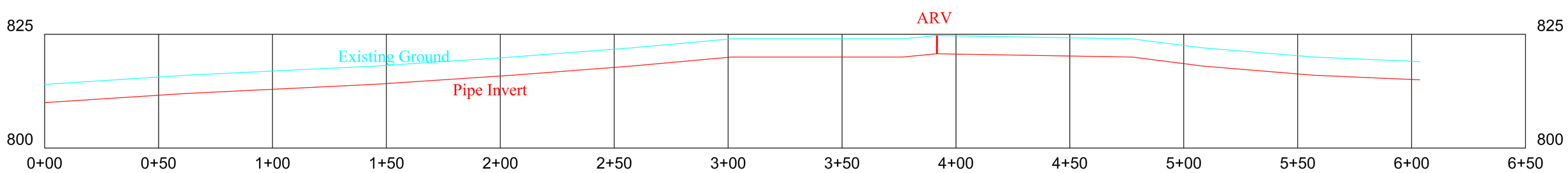
Alexandra Drive

Scale: 50H - 25V



Water Line Profile

Scale: 50H - 25V



Sewer Force Main Profile

Scale: 50H - 25V

Revisions:

05/06/2024

Thomas C. Whitsitt, P.E., R.L.S.

HBA & Partners

6649 Georgetown Road NW / Cleveland, TN 37312

225 Blueberry Hill Road NW / Cleveland, TN 37312

(423)400-8656

(423) 605-1671

Grace Cove

Road Profile

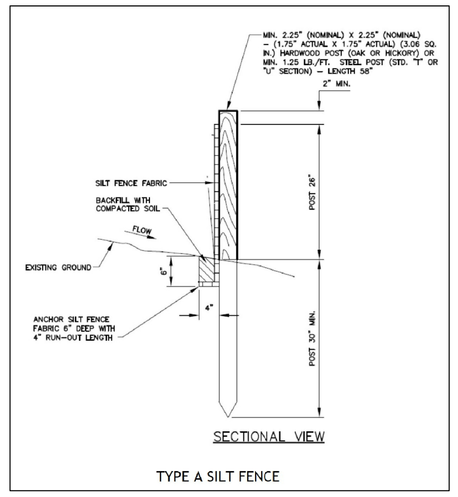
Scale As Shown

Profiles

Issue Date: 05/06/2024

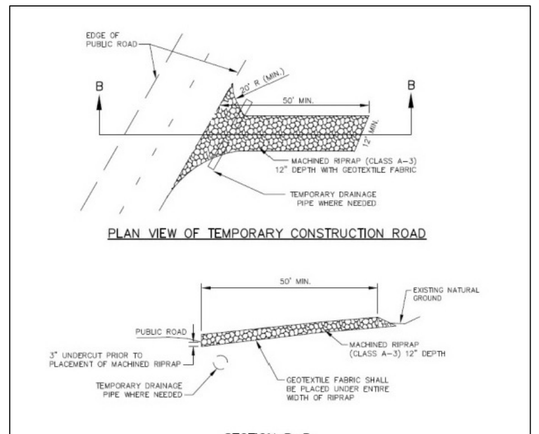
Drawing No.

C-05



SECTIONAL VIEW

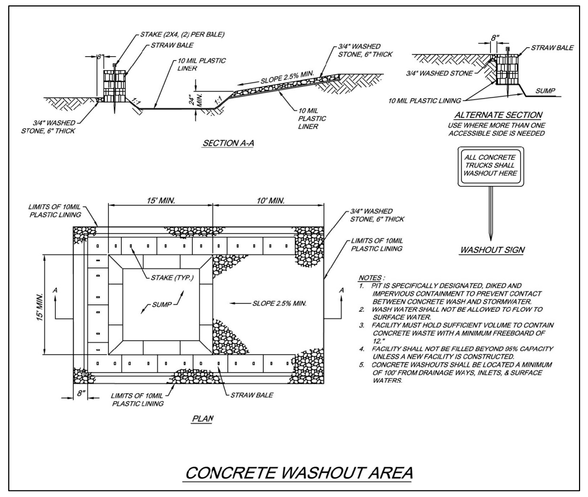
TYPE A SILT FENCE



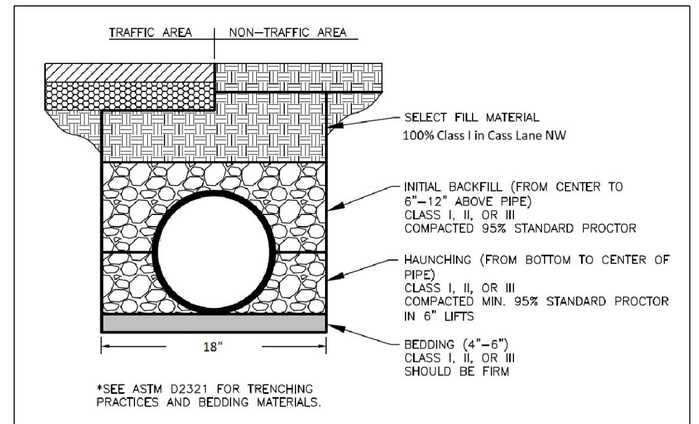
PLAN VIEW OF TEMPORARY CONSTRUCTION ROAD

SECTION B–B

Construction Exit Detail

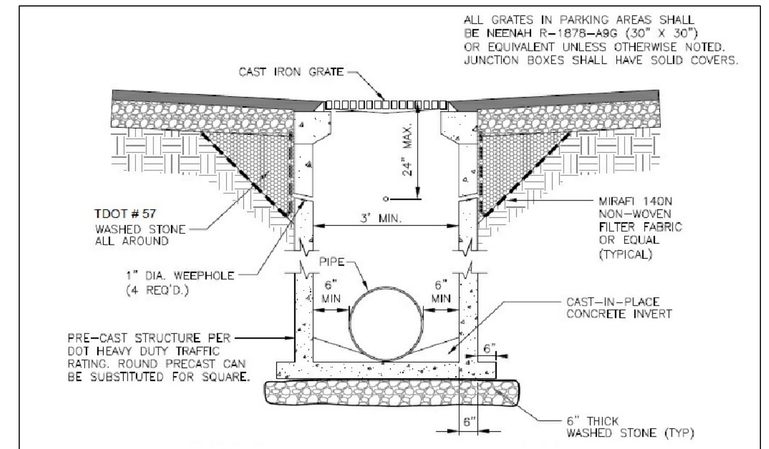


CONCRETE WASHOUT AREA

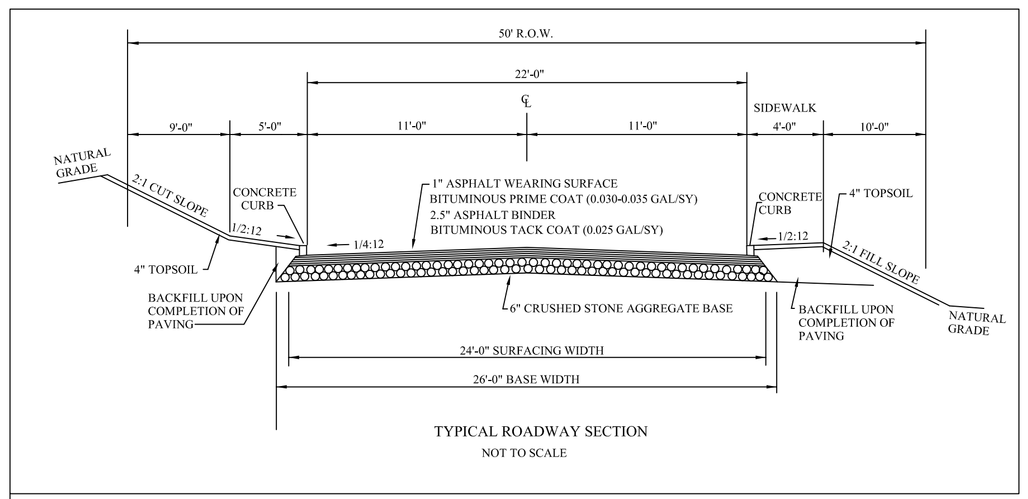


*SEE ASTM D2321 FOR TRENCHING PRACTICES AND BEDDING MATERIALS.

HDPE PIPE INSTALLATION PROCEDURES

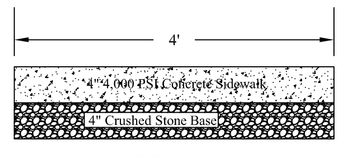


AREA INLET / JUNCTION BOX

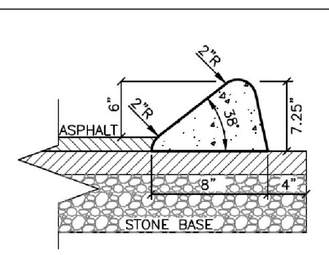


TYPICAL ROADWAY SECTION

NOT TO SCALE



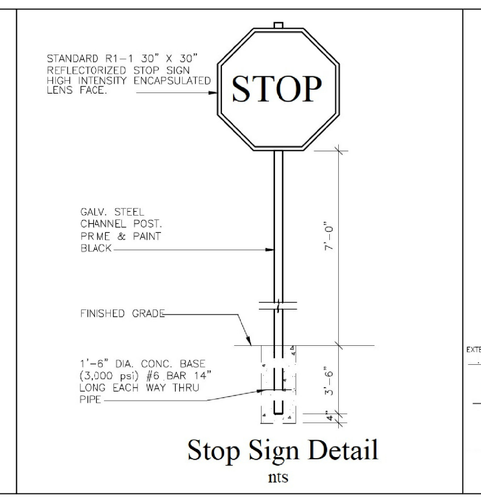
SIDEWALK



EXTRUDED CURB DETAIL

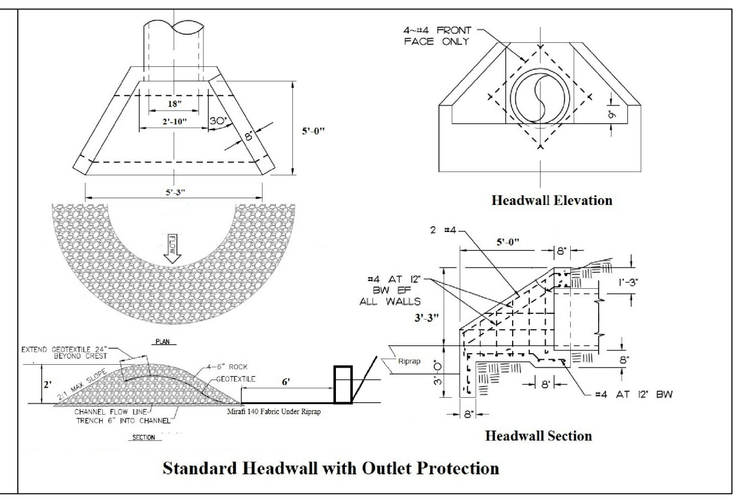
GENERAL NOTES

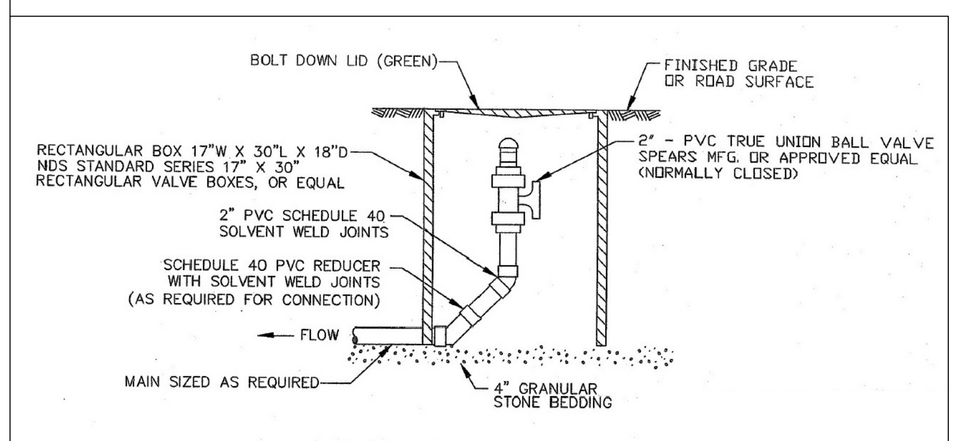
1. CONCRETE SHALL BE CLASS "A" 4,000 PSI. CURING COMPOUND SHALL BE CLEAR BOND BY GUARDIAN CHEMICAL.
2. CONTRACTION JOINTS SHALL BE SPACED AT 10' (REDUCED TO NO LESS THAN 6' FOR CLOSURES).
3. EDGES OF JOINTS SHALL BE FINISHED WITH 1/4" RADII.
4. BROOM FINISH IN TRAVERSE DIRECTION.



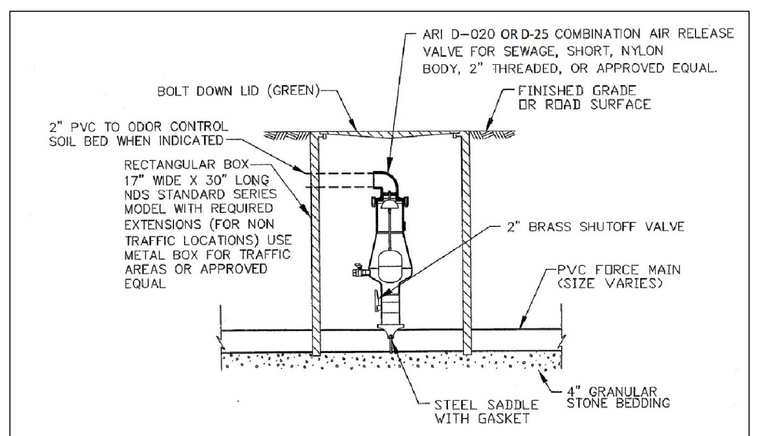
Stop Sign Detail

nts

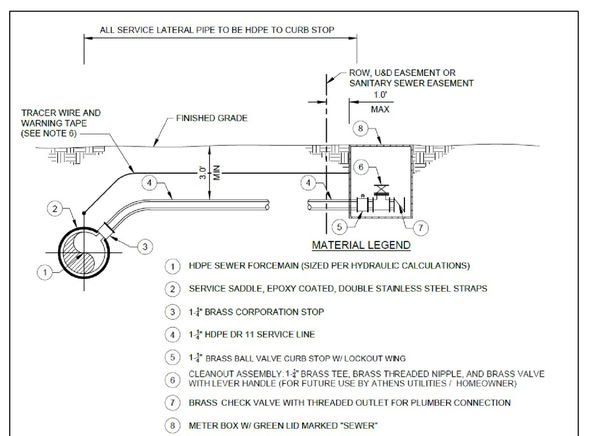




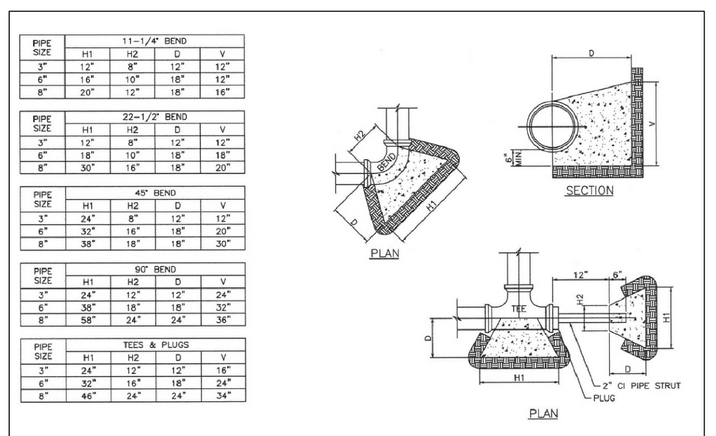
END OF LINE CLEANOUT



LOW PRESSURE AIR RELEASE VALVE

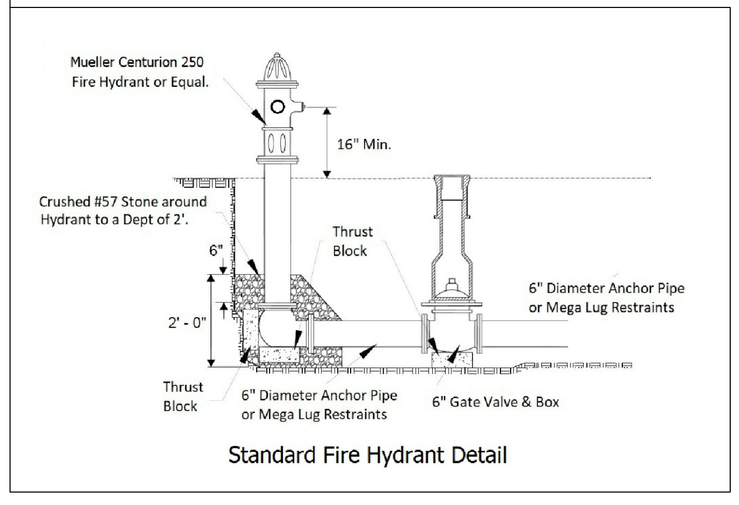


LOW PRESSURE SEWER SERVICE LATERAL

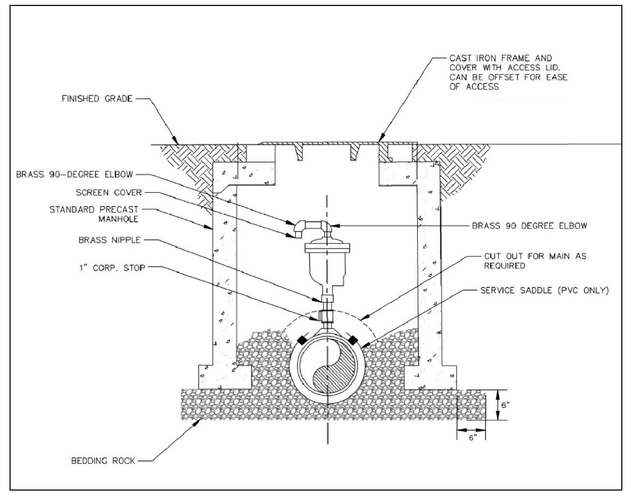


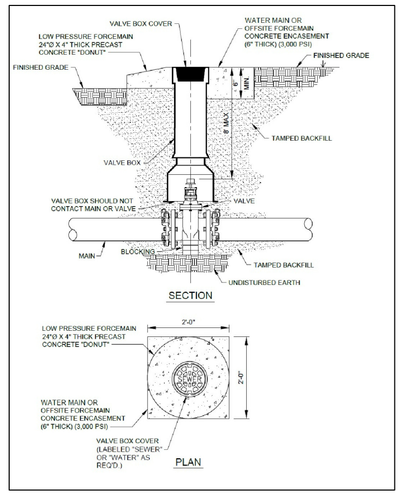
CONCRETE THRUST BLOCK DETAIL

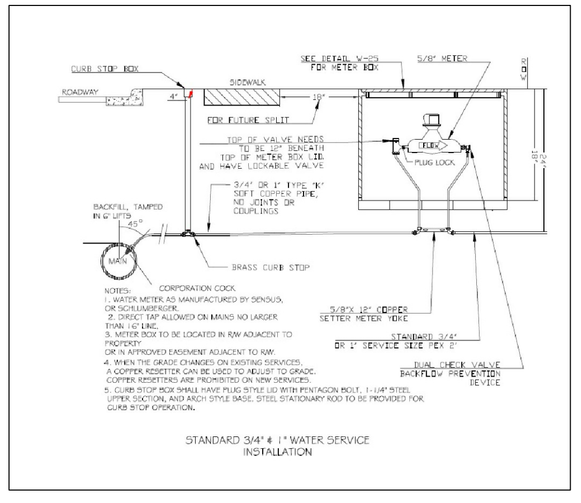
NOT TO SCALE



Standard Fire Hydrant Detail







Revisions:

Thomas C. Whitsitt, P.E., R.L.S.
225 Blueberry Hill Road NW / Cleveland, TN 37312
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6649 Georgetown Road NW / Cleveland, TN 37312
(423)400-8656

Grace Cove

Details

Scale 1" = 50'

Details

Issue Date: 05/06/2024

Drawing No.

C-06

FW: [EXTERNAL] Grace Cove Subdivision in Bradley County

Jennifer Innes <Jennifer.Innes@tn.gov>

Wed 5/15/2024 11:34 AM

To:Cali Calderwood <Cali.Calderwood@tn.gov>;Hannah L. Biggs <Hannah.L.Biggs@tn.gov>

4 attachments (15 MB)

Innes 05-15-24.pdf; Grace Cove CN-0940 NOI Form CGP 22FEB22.pdf; Grace Cove Subdivision SWPPP Narrative.pdf; Grace Cove Subdivision Site Development Plans.pdf;

From: Tom Whitsitt <tcwhitsitt@gmail.com>
Sent: Wednesday, May 15, 2024 11:22 AM
To: Jennifer Innes <Jennifer.Innes@tn.gov>; Cali Dobbins <Cali.Dobbins@tn.gov>
Cc: Corey Hindman <hbaandpartners@gmail.com>; David Clayton <davidclayton1220@gmail.com>
Subject: [EXTERNAL] Grace Cove Subdivision in Bradley County

Attached are items relevant to an application for coverage under the Tennessee NPDES General Permit. The check is being mailed to your office.

Thanks,

T

Thomas C. Whitsitt, PE, RLS
225 Blueberry Hill Road NW
Cleveland, TN 37312
(423) 605-1671