



# TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION

Division of Water Resources

William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Avenue, 11th Floor, Nashville, Tennessee 37243  
1-888-891-8332 (TDEC)

## Notice of Intent (NOI) for General NPDES Permit for Stormwater Discharges from Construction Activities (TNR100000)

<b>Site or Project Name:</b> Proposed Multi-Tenant Retail Building		<b>NPDES Tracking Number:</b> TNR	
Street Address 2220 Gallatin Pike, Nashville, Tennessee		Construction Start Date: August 2020	
or Location:		Estimated End Date: July 2021	
Site 8,900 SF Multi-Tenant Retail Building		Latitude (dd.dddd): 36.307100	
Description:		Longitude (-dd.dddd): -86.686413	
County(ies): Davidson		MS4 (if applicable): Metro Nashville	
Acres Disturbed: 1.15		Total Acres: 1.44	
Check box if a SWPPP is attached: <input checked="" type="checkbox"/>		Check box if a site location map is attached: <input checked="" type="checkbox"/>	
Check the appropriate box(s) if there are streams and/or wetlands on or adjacent to the construction site:		Streams <input type="checkbox"/> Wetlands <input type="checkbox"/>	
Has a jurisdictional determination been made by the USACE or EPA identifying waters of the United States?: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Note: if yes, attach the jurisdictional determination	
If an Aquatic Resource Alteration Permit (ARAP) has been obtained for this site, what is the permit number? NR(S) N/A			
Receiving waters: An open and closed system to Mansker Creek and ultimately to Cumberland River			
<b>Site Owner/Developer (Primary Permittee):</b> (Provide person, company, or entity that has operational or design control over construction plans and specifications): 2220 Gallatin Partners, GP			
For corporate entities only, provide correct Tennessee Secretary of State (SOS) Control Number: (an incorrect SOS control number may delay NOI processing) Not required, since it is GP			
Site Owner or Developer Contact Name: (signs the certification below) Eric Baurle		Title or Position: Manager	
Mailing Address: 1501 Franklin Road		City: Brentwood	State: TN Zip: 37027
Phone: ( 615 ) 429.1272	Fax: ( )	E-mail: ericbaurle@gmail.com	
Optional Contact: Craig Freiberg		Title or Position: Manager	
Mailing Address: 1501 Franklin Road		City: Brentwood	State: TN Zip: 37027
Phone: ( 615 ) 815.4281	Fax: ( )	E-mail: freiberg.craig@gmail.com	
<b>Owner/Developer(s) Certification:</b> (must be signed by president, vice-president or equivalent, or ranking elected official) (Primary Permittee)			
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/Developer Name (print/type): Eric Baurle		Signature: Eric Baurle	Date: 5/4/2020
Owner/Developer Name (print/type): Craig Freiberg		Signature: Craig Freiberg	Date: 5/4/2020
<b>Contractor Certification:</b> (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.			
Contractor name, address, and SOS control number (if applicable):		Signature:	Date:

### OFFICIAL STATE USE ONLY

Received Date: 5-12-20	Reviewer:	Field Office: 04	Permit Tracking Number: TNR 244271	Exceptional TN Water:
Fee(s): 250.	T & E Aquatic Flora/Fauna:	SOS Corporate Status:	Waters with Unavailable Parameters:	Notice of Coverage Date:

**Lonna Justus**

**From:** David Abbey <dabbey@dmgnashville.com>  
**Sent:** Wednesday, May 20, 2020 6:54 AM  
**To:** DWR NEFO  
**Cc:** ericbaurle@gmail.com  
**Subject:** [EXTERNAL] RE: 2220 Gallatin Pk.

NASHVILLE ENVIRONMENTAL  
FIELD OFFICE  
RECEIVED

MAY 20 2020

TENNESSEE DEPT OF  
ENVIRONMENT & CONSERVATION

\*\*\* This is an EXTERNAL email. Please exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email - STS-Security. \*\*\*

Lonna, all of the owners for 2220 Gallatin Partners GP are as listed below. Please let me know if you need anything else. Thank you.

Eric Baurle  
[ericbaurle@gmail.com](mailto:ericbaurle@gmail.com)

Craig Freiberg  
[craig.freiberg@cet-holdings.com](mailto:craig.freiberg@cet-holdings.com)

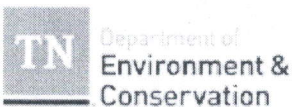
Tony Harris  
[tharris@avenueconstruction.com](mailto:tharris@avenueconstruction.com)

DAVID S. ABBEY, PE  
Senior Development Project Manager  
Development Management Group, LLC  
(615) 227-5863 Office  
[dabbey@dmgnashville.com](mailto:dabbey@dmgnashville.com)

**From:** DWR NEFO <DWR.NEFO@tn.gov>  
**Sent:** Tuesday, May 19, 2020 4:22 PM  
**To:** David Abbey <dabbey@dmgnashville.com>  
**Cc:** ericbaurle@gmail.com  
**Subject:** 2220 Gallatin Pk.

David, please provide a list of all owning partner names for 2220 Gallatin Partners GP, for the Proposed Multi-Tenant Retail Bldg. project, to [dwr.nefo@tn.gov](mailto:dwr.nefo@tn.gov).

Thank you,



*Lonna Justus, CPS I ASA 2*  
Division of Water Resources  
Nashville Environmental Field Office  
711 R.S. Gass Blvd.  
Nashville, TN 37243  
615-687-7068

Development Management Group  
4209 Gallatin Pike  
Nashville, TN 37216

6603

87-7120/2641

DATE

5/15/2020

PAY  
TO THE  
ORDER OF

T.D.E.C.

\$ 250.00

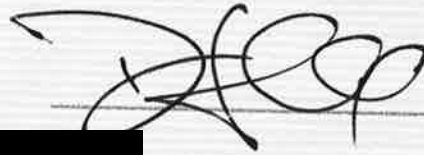
Two Hundred Fifty Dollars & 00/100

DOLLARS

Photo  
Safe  
Deposit®  
Details on back

First Advantage Bank  
3100 West End Avenue  
Suite 250  
Nashville, TN. 37203

FOR 19138- SWPPP SUBMITTAL





# **STORM WATER POLLUTION PREVENTION PLAN**

**Prepared for**

**PROPOSED MULTI-TENANT RETAIL BUILDING**

**2220 Gallatin Pike North, Walmart Outparcel**

**Nashville, Davidson County, Tennessee**

**Prepared By**

**David S. Abbey, PE**

**4209 Gallatin Pike  
Nashville, Tennessee 37216**

**May 5, 2020**



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## **1.0 Site Description**

The project site for the proposed multi-tenant commercial building is located along Gallatin Pike North, Madison, Davidson County, Tennessee on an existing outparcel of the Walmart Superstore property. The existing site is currently zoned as commercial, and the remaining lot is approximately 1.44 acres. Currently, the planned development consists of an 8,900 s.f. multi-tenant retail building on the 1.44 acre parcel with stormwater facilities and utility infrastructure for the proposed building, 81 parking spaces, and other appurtenances to support the facility.

**1.1 Nature of Construction Activity:** As is typical for construction of any project of this magnitude; there are several types of construction. In order to accomplish the construction of the facility, the following types of construction will occur:

- Grading;
- Infrastructure (parking, drives, sidewalks, etc.);
- Excavation;
- Water, sewer, gas, overhead and underground electric, storm sewer installation; and
- Building construction.

**1.2 Construction Sequence:** The existing site is currently zoned as commercial, and the parcel is approximately 1.44 acres. Currently, the planned development consists of an 8,900 s.f. multi-tenant retail building on the 1.44 acre parcel with stormwater facilities and utility infrastructure for the proposed building, 81 parking spaces, and other appurtenances to support the facility.

The first element of construction will be to provide the construction entrance necessary for the vehicles to access the site. This will help to alleviate any tracking of vehicle debris.

The second element of construction will be the installation of the silt fence and erosion eels. Once these measures have been installed, the construction of any remaining erosion and sediment control devices will occur. These measures are shown on Sheet C1.0, C1.1, & C1.2, included in Appendix 1. Once these devices are installed, clearing, excavation and general grading can begin.

The intent of the erosion control plan will be to minimize the disturbance to the site and the surrounding areas.

Subsequent to grading the site, site utility work may begin. All construction shall be in accordance with the storm water runoff controls presented in Section 2 (Sheets C4.0 & C5.1) of this Plan.

- 1.3 Area of Disturbance** The total area of the site which will be developed as part of the report is approximately 1.44 acres. As part of these improvements, excavation, grading, or other activities will disturb approximately 1.15 acres. See Sheets C4.0 & C5.1 in Appendix 2 details these activities.
- 1.4 Site Soils** The subject site is located within the Central Basin Physiographic Province of Middle Tennessee. The Central Basin is an elliptical basin surrounded by the Highland Rim. The Basin is subdivided into inner and outer sections. The inner section is generally smooth and gently rolling in contrast to the higher and more deeply dissected outer Basin. Bedrock is primarily Ordovician limestone, shale and dolomite in the outer Basin. The inner basin is generally covered with limestone with patches of bare platy rock and thin topsoil with glade areas supporting red cedar trees. The region is moderate in karst development with many sinkholes and some large caves present, notably in the glade areas. Published geologic information indicates that the site lies within the Richmond Group which includes Mannie Shale - Olive-gray shale; the Fernvale Limestone which is coarsely crystalline, gray limestone with varicolored grains; the Sequatchie Formation which is typically olive-gray and greenish-gray shale, mudstone, and argillaceous limestone; dolomitic, laminated, and sandy. The Maysville Group which includes the Leipers Formation which is typically nodular, shaly limestone, fine- to coarse-grained limestone; and phosphatic calcarenite locally. The Eden Group which includes the Inman Formation which is typically thin-bedded to laminated, fine-grained, gray limestone with shale partings. The Nashville Group which includes Catheys Formation is typically nodular, shaly limestone, fine- to coarse-grained limestone, phosphatic calcarenite; and light-gray cryptograined limestone. Since the bedrock underlying the site consists of carbonate rock, the site is susceptible to the typical carbonate hazards of irregular weathering, cave and cavern conditions, and overburden sinkholes. Carbonate rock, while appearing very hard and resistant, is soluble in slightly acidic water. This characteristic, plus differential weathering of the bedrock mass, is responsible for the hazards. Of these hazards, the occurrence of sinkholes is potentially the most damaging to over-lying soil supported structures. In Middle Tennessee, sinkholes occur primarily due to differential weathering of the bedrock and "flushing" or "raveling" of overburden soils into the cavities in the bedrock. The loss of solids creates a cavity or "dome" in the overburden. Growth of the dome over time or excavation over the dome can create a condition in which rapid, local subsidence or collapse of the roof of the dome occurs.

- 1.5 Runoff Coefficients** Currently, the site is undeveloped. The existing runoff coefficients for the 1.44 acre site is approximately 0.44. Upon completion, the runoff coefficient of the 1.44 acre site will increase to approximately 0.83.
- 1.6 Location and Site Map** A copy of the location and site map is included as Appendix 3 at the back of this Plan.
- 1.7 Outfall Points** The site drains in both a northerly & westerly direction towards existing systems in the Walmart parking lot & access drive. For the proposed development, an underground storm system will be created and connect to the existing system which daylight in nearby regional detention facility. During initial construction, the existing drainage system and some silt fence or erosion eels will control the runoff. These items are shown on the Sediment and Erosion Control Plans in Appendix 1 (C1.0, C1.1, & C1.2) and the Grading and Drainage Plans included in Appendix 2 (Sheets C4.0 & 5.1).
- 1.8 Industrial Activities** There are currently no industrial activities taking place at this site. In addition, there are no industrial activities planned for the facility.
- 1.9 Receiving Stream and Wetlands** The site drains in both a northerly & westerly direction towards existing systems in the Walmart parking lot & access drive. For the proposed development, an underground storm system will be created and connect to the existing system which daylight in nearby regional detention facility. The regional detention facility flows through open and closed drainage systems to Mansker Creek and ultimately the Cumberland River. Mansker Creek is on TDEC 303d list as a protected or impaired stream. There are no wetlands identified or delineated on the project

## **2.1 Erosion and Sediment Controls**

### **2.1.1 General Criteria and Requirements**

- The construction-phase erosion and sediment controls have been designed to retain sediment on site.
- All control measures must be properly selected, installed, and maintained in accordance with the manufacturer's specifications and good engineering practices. If periodic inspections or other information indicates a control has been inappropriately or incorrectly used, the permittee must replace or modify the control for the site situation. Revisions to the BMP Plan based on the results of the inspection shall be implemented within (7) days.



- If sediment escapes the construction site, off-site accumulations of sediment must be removed at a frequency sufficient to minimize offsite impacts (e.g., fugitive sediment that has escaped the construction site and has collected in a street must be removed so that it is not subsequently washed into storm sewers and streams by the next rain and/or so that it does not pose a safety hazard to users of public streets.) The contractor shall not initiate remediation/restoration of a stream without consulting the Division of Water Pollution Control first. This document does not authorize access to private property.
- Sediment should be removed from sediment traps, silt fences, the sedimentation pond, rock check dams, and other erosion prevention and sediment control measures as necessary, and must be removed when design capacity has been reduced by 33%.
- Litter, construction debris, and construction chemicals exposed to storm water shall be picked up prior to anticipated storm events (e.g. forecasted by local weather reports), or otherwise prevented from becoming a pollutant source for storm water discharges (e.g., screening outfalls, daily pick-up, etc.). After use, silt fences should be removed or otherwise prevented from becoming a pollutant source for storm water discharges.
- Offsite material storage and/or borrow areas (also including overburden and stockpiles of dirt, etc.) used solely for this project are considered part of the project and are hereby governed by this Plan shall be stabilized at the end of each workday.
- Pre-construction vegetative ground cover shall not be destroyed, removed, or disturbed more than 10 calendar days prior to grading or earth moving unless the area is seeded and/or mulched or other temporary cover is installed.
- Clearing and grubbing must be held to the minimum necessary for grading and equipment operation.
- Construction must be sequenced to minimize the exposure time of graded or denuded areas. See the attached grading plans for details. Areas where grading is completed shall be stabilized within the time limits established below.
- Erosion and sediment control measures must be in place and functional before earth moving operations begin, and must be constructed and maintained throughout the construction period. Temporary measures may be removed at the beginning of the day but must be replaced at the end of the workday.
- The following records must be kept on site: the dates when major grading activities occur; the dates when construction activities temporarily or permanently cease on a portion of the site; and the dates when stabilization measures are initiated. (Site Inspection Reports & BMP)

### **2.1.2 Stabilization Practices**

- Stabilization measures shall be as shown on the drawings. Any deviation from these plans should be discussed with the design team and enforcement agencies. The contractor may propose the use of any erosion control protection and sediment control techniques in a final EPSC Plan, provided such techniques are proven to be as or more efficient than the equivalent BMP as contained within the TDEC Erosion Prevention and Sediment Control Field Guide.
- Stabilization measures shall be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, but in no case more than 7 days after the construction activity in that portion of the site has temporarily or permanently ceased, except in the following two situations: 1) where the initiation of stabilization measures by the seventh day is precluded by snow cover or frozen ground conditions, stabilization measures shall be initiated as soon as possible; or 2) where construction activity on a portion of the site is temporarily ceased, and earth disturbing activities will be resumed within 14 days, temporary stabilization measures do not have to be initiated on that portion of the site.
- Temporary or permanent soil stabilization shall be accomplished within 14 days after final grading or other earthwork. Permanent stabilization, as specified on the drawings and specifications shall replace any temporary measures as soon as practicable.

### **2.1.3 Structural Practices**

The attached drawings depict several structural practices to divert flows from exposed soils, store flows or otherwise limit runoff and the discharge of pollutants from exposed areas of the site to the degree attainable. These practices should control storm water runoff generated by a 5-year, 24-hour storm event include, but are not limited to the following:

- Silt fences;
- Temporary Construction Entrance/Exit;
- Sediment Stop/Erosion Eels;
- Subsurface culverts; and
- Storm drainage inlet protection.

Muddy water to be pumped from excavation and work areas must be held in settling basins or filtered prior to its discharge into surface waters. Water must be discharged through a pipe, well grassed or lined channel or other equivalent means so that the discharge does not cause erosion and the transportation of sediment.

## **2.2 Storm Water Management**

This portion of the Plan addresses measures that are installed during the construction process to control pollutants in storm water discharges that will occur after construction operations have completed. The general permit only addresses the installation of storm water management measures, and not the ultimate operation and maintenance of such measures after the construction activities have been completed and the site has undergone final stabilization.

The planned storm water management measures for the proposed multi-tenant building project include the final stabilization of graded areas. All graded areas shall receive sod or seeding for all disturbed areas in accordance with the landscaping drawings and specifications. Upon notice of termination and approval by City Inspectors, temporary erosion control measures shall be removed.

## **2.3 Other Items Needing Control**

Construction and waste materials that are expected to be stored on site include those typically found at a building construction site. These may include:

- Lumber for forming and construction;
- Stockpiled piping and headwalls;
- Stockpiled rock and gravel;
- Structural steel and reinforcing bars;
- Building materials, such as studs, roof trusses, wiring, conduits, mortar, rock for veneer, shingles, sand, etc.; and
- Construction equipment and vehicles.

All materials shall be stored in such a manner that the materials containing potential pollutants (e.g. machine oils) cannot come in contact with rainwater. No solid materials shall be discharged to the tributary, except as authorized by a section 404 permit and/or an Aquatic Resource Alteration Permit.

Off-site vehicle tracking of sediments and the generation of dust shall be minimized.

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) at 1-800-424-8802 and the Tennessee Department of Environment and Conservation (TDEC) at 1-888-891-8332 as well as the local Environmental Assistance Center.

Also, the Owner will arrange to have prepared a revision of this document to identify measures to prevent the reoccurrence of such releases.

There are no known legally protected state or federally listed threatened or endangered aquatic fauna and/or critical habitat within the site.

## **2.4 Approved Local Government Sediment and Erosion Control Requirements**

The grading and drainage plans included in Appendix 2 (Sheets C4.0 & C5.1) are being reviewed by the Metro Nashville & Davidson County Engineering Department - Stormwater Division and are to be included as part of this Plan. All sediment and erosion control measures must be maintained throughout the life of the project. The site is subject to inspection by said Department at any time. The grading permit issued by said Department must be displayed at the project trailer.

This Plan may be amended to reflect any change that is instituted by the local government to sediment and erosion site plans or site permits, or storm water management site plans or site permits for which the owner (or any of its agents) receives written notice.

## **3.0 Maintenance**

2220 Gallatin Partners, GP, as the site Operator, is responsible that all vegetation, erosion, and sediment control measures as well as other protective measures shown on the drawings are kept in good and effective operating condition. The maintenance needs identified by inspections or other means shall be accomplished before the next storm event if possible, but in no case more than seven days after the need is identified. If maintenance prior to the next anticipated storm event is impracticable, maintenance must be scheduled and accomplished as soon as practicable.

## **4.0 Inspections**

### **4.1 Inspector Training and Certification**

The qualified inspector has been defined for work within the Metro Nashville & Davidson County Engineering Department – Stormwater Division and is to inspect the ERC items per their requirements.

#### **4.1.1 Site Assessment**

Quality assurance of erosion prevention and sediment controls shall be done by performing site assessment at a construction site. The site assessment shall be conducted at each outfall involving drainage totaling 10 or more acres (see subsection 3.5.3.3 below) or 5 or more acres if draining to an impaired or exceptional quality waters (see subsection 5.4.1 below), within a month of

construction commencing at each portion of the site that drains the qualifying acreage of such portion of the site. The site assessment shall be performed by individuals with following qualifications:

- ☐ a licensed professional engineer or landscape architect;
- ☐ a Certified Professional in Erosion and Sediment Control (CPESC) or
- ☐ a person that successfully completed the “Level II Design Principles for Erosion Prevention and Sediment Control for Construction Sites” course.

As a minimum, site assessment should be performed to verify the installation, functionality and performance of the EPSC measures described in the SWPPP. The site assessment should be performed with the inspector, and should include a review and update (if applicable) of the SWPPP.

The site assessment findings shall be documented and the documentation kept with the SWPPP at the site. At a minimum, the documentation shall include information included in the inspection form provided in Appendix C of this permit. The documentation must contain the printed name and signature of the individual performing the site assessment and the following certification:

“I certify under penalty of law that this report and all attachments are, 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 for knowing violations.”

The site assessment can take the place of one of the twice weekly inspections requirement from subsection 3.5.8.2 below. The division may require additional site assessment(s) to be performed if site inspection by division’s personnel reveals site conditions that have potential of causing pollution to the waters of the state.

## **4.2 Schedule of Inspections**

Inspections shall be done before anticipated storm events (or series of storm events such as intermittent showers over one or more days), and within 24 hours after the end of a storm event of 0.5 inches or greater, and at least once every seven calendar days. The project site does not discharge directly into TDEC 303(d) protected waters, however, since the project site will ultimately discharge into 303(d) protected streams, inspections should occur twice a week but must be at least 72 hours apart. When the site has been finally or temporarily stabilized, or runoff is unlikely due to winter conditions (e.g. site covered with snow, ice, or frozen ground), such inspection only has to be conducted once per month. Inspections and associated, necessary repairs done 60 hours before a rain event constitute compliance with “before anticipated storm events,” and inspections and repairs on a Friday meet the requirement for rain events over the weekend.

The qualified inspector shall inspect disturbed areas of the construction site that have not been fully stabilized, areas used for storage of materials that are exposed

to precipitation, structural control measures, and locations where vehicles enter or exit the site.

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 drainage system. Erosion and sediment control measures identified in this Plan shall be observed to ensure that they are operating properly.

Outfalls identified in Section 1.7 shall be inspected to ascertain whether erosion control measures are effective in preventing significant impacts to the receiving waters. Where discharge points are inaccessible, nearby downstream locations shall be inspected if possible. 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 if possible, but in no case more than seven days after the need is identified. If maintenance prior to the next rain is impracticable, maintenance must be scheduled and accomplished as soon as practicable.

Based on the results of the inspection, the site description in Section 1.0 (Sheets C1.0, C1.1, & C1.2,) and the pollution prevention measures identified in Section 2.0 (Sheets C4.0 & C5.1) shall be revised as appropriate, but in no case later than 14 calendar days following the inspection. Such modifications shall provide for timely implementation of any changes to the Plan in no case later than 21 calendar days following the inspection.

Inspections shall be documented and include the following:

- The scope of the inspection;
- Name(s) and title or qualification of personnel making the inspection;
- The date(s) of the inspection;
- Dates of major construction work completed, such as grading, stabilization, and cease work dates;
- Rain gauge records and inspection records;
- Major observations relating to the implementation of the storm water pollution prevention plan (including the location(s) of discharges of sediment or other pollutants from the site and of any control device that failed to operate as designed or proved inadequate for a particular location); and
- Actions taken in accordance with Section 4.2 of this Plan.

Should any deviations from the SWPPP be completed, it is the Contractor's responsibility to mark up those changes in **red** on the attached plans and date when the changes occurred. The contractor should also maintain a current copy of this SWPPP on-site at all times for local inspectors to review as needed. There should also be a current copy of the NOI and NOC kept inside this document in the locations shown.



## **5.0 Non-Storm Water Discharges**

The following non-storm water discharges are authorized under the general permit and are anticipated during the construction of the campus:

- Dewatering of work areas of collected storm water and ground water;
- Water used for dust control;
- Potable water sources including waterline flushings;
- Routine external building wash down which does not use detergents;
- Uncontaminated ground water or spring water; and
- Foundation or footing drains where flows are not contaminated with process materials such as solvents.

All non-storm water discharges, not limited to those identified above shall be discharged through stable discharge structures. These would include the temporary sedimentation basins or the subsurface drainage system shown on the attached grading plans.

## 6.0 Signatures and Certifications

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted 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 for knowing violations.

**Owner: 2220 Gallatin Partners, GP**

Authorized General Partner	<i>Eric Baurle</i>	5/11/2020
Title	Signature	Date

**Construction Manager:**

_____	_____	_____
Title	Signature	Date

### ADDITIONAL SUB-CONTRACTORS

**Company:** \_\_\_\_\_

_____	_____	_____
Title	Signature	Date

**Company:** \_\_\_\_\_

_____	_____	_____
Title	Signature	Date

**Company:** \_\_\_\_\_

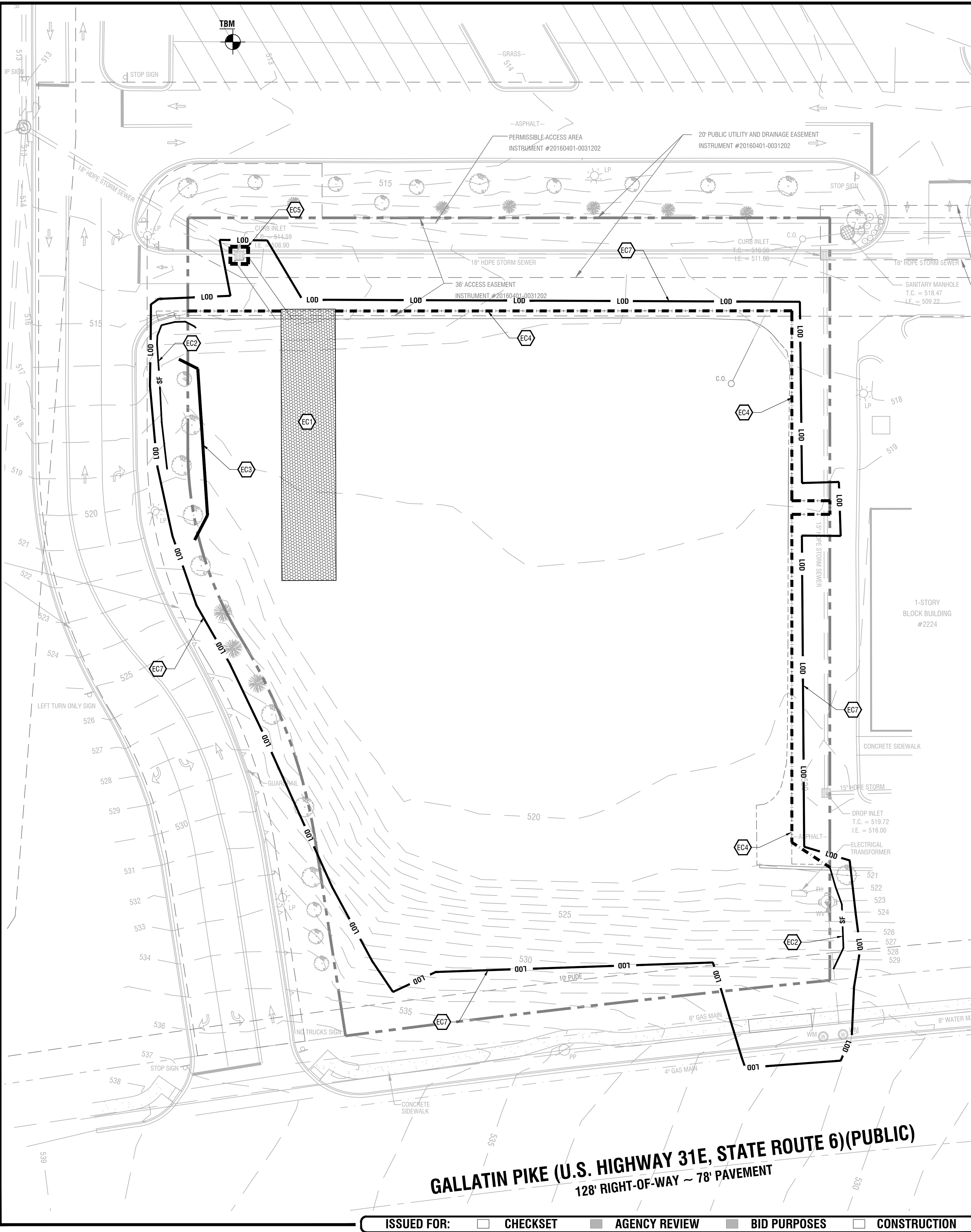
_____	_____	_____
Title	Signature	Date

**Company:** \_\_\_\_\_

_____	_____	_____
Title	Signature	Date



Z:\PROJECT DATABASE\2019\19138 - 2220 Gallatin Pike - Multi Tenant- 2220 Gallatin Pike - Nashville TN\Plans\Engineer\19138\_Gallatin\_Retain-C1.0\_Ero.dwg-C1.0 May 12, 2020 - 2:06pm BrodydenEpenbeck



### SCHEDULE OF INSPECTIONS AND MAINTENANCE NOTES

1. INSPECTIONS SHALL BE DONE BEFORE ANTICIPATED STORM EVENTS (OR SERIES OF STORM EVENTS SUCH AS INTERMITTENT SHOWERS OVER ONE OR MORE DAYS), AND WITHIN 24 HOURS AFTER THE END OF A STORM EVENT OF 0.5 INCHES OR GREATER, AND AT LEAST TWICE A WEEK, BUT AT LEAST 72 HOURS APART. WHEN PORTIONS OF THE SITE HAVE BEEN FINALLY OR TEMPORARILY STABILIZED, OR RUNOFF IS UNLIKELY DUE TO WINTER CONDITIONS (E.G. SITE COVERED WITH SNOW, ICE OR FROZEN GROUND), SUCH INSPECTION ONLY HAS TO BE CONDUCTED ONCE PER MONTH.
2. INSPECTIONS AND ASSOCIATED NECESSARY REPAIRS DONE 60 HOURS BEFORE A RAIN EVENT CONSTITUTE COMPLIANCE WITH "BEFORE ANTICIPATED STORM EVENTS," AND INSPECTIONS AND REPAIRS ON A FRIDAY MEET THE REQUIREMENTS FOR RAIN EVENTS OVER THE WEEKEND.
3. QUALIFIED PERSONNEL SHALL INSPECT DISTURBED AREAS OF THE CONSTRUCTION SITE THAT HAVE NOT BEEN FINALLY STABILIZED, AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION, STRUCTURAL CONTROL MEASURES, AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE.
4. 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 DRAINAGE SYSTEM. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE STORM WATER POLLUTION PREVENTION PLAN AND IN THE CONTRACT DOCUMENTS SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY.
5. OUTFALL POINTS (WHERE DISCHARGES FROM THE SITE ENTER STREAMS OR WET WEATHER CONVEYANCES) SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATERS. WHERE DISCHARGE LOCATIONS ARE INACCESSIBLE, NEARBY DOWNSTREAM LOCATIONS SHALL BE INSPECTED IF POSSIBLE. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFFSITE SEDIMENT TRACKING.
6. 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 RAIN EVENT IF POSSIBLE, BUT IN NO CASE MORE THAN SEVEN DAYS AFTER THE NEED IS IDENTIFIED. IF MAINTENANCE PRIOR TO THE NEXT ANTICIPATED STORM EVENT IS IMPRACTICABLE, MAINTENANCE MUST BE SCHEDULED AND ACCOMPLISHED AS SOON AS PRACTICABLE.
7. BASED ON THE RESULTS OF THE INSPECTION, THE SITE DESCRIPTION PROVIDED, AND THE POLLUTION PREVENTION MEASURES PRESENTED IN THIS PLAN MAY BE REVISED AS APPROPRIATE, BUT IN NO CASE LATER THAN 7 CALENDAR DAYS FOLLOWING THE INSPECTION. SUCH MODIFICATIONS SHALL PROVIDE FOR TIMELY IMPLEMENTATION OF ANY CHANGES TO THIS PLAN IN NO CASE LATER THAN 14 CALENDAR DAYS FOLLOWING THE INSPECTION.
8. INSPECTIONS SHALL BE DOCUMENTED AND INCLUDE THE SCOPE OF THE INSPECTION, NAME(S) AND TITLE OR QUALIFICATIONS OF PERSONNEL MAKING THE INSPECTION, THE DATE(S) OF THE INSPECTION, MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THE STORM WATER POLLUTION PREVENTION PLAN (INCLUDING THE LOCATION(S) OF DISCHARGES OF SEDIMENT OR OTHER POLLUTANTS FROM THE SITE AND OF ANY CONTROL DEVICE THAT FAILED TO OPERATE AS DESIGNED OR PROVED INADEQUATE FOR A PARTICULAR LOCATION AND ACTIONS TAKEN IN ACCORDANCE IN PARAGRAPH 6 ABOVE.

### STORMWATER NOTE:

1. ANY EXCAVATION, FILL OR DISTURBANCE OF THE EXISTING GROUND ELEVATION MUST BE DONE IN ACCORDANCE WITH STORM WATER MANAGEMENT ORDINANCE NO. 78-840 AND APPROVED BY THE METROPOLITAN DEPARTMENT OF WATER SERVICES.
2. METRO WATER SERVICES SHALL BE PROVIDED SUFFICIENT AND UNENCUMBERED INGRESS AND EGRESS AT ALL TIMES IN ORDER TO MAINTAIN, REPAIR, REPLACE, AND INSPECT ANY STORMWATER FACILITIES WITHIN THE PROPERTY.
3. CONTRACTOR TO PROVIDE AN AREA FOR TRUCK WASH AND/OR EQUIPMENT FUELING, IF PROPOSED, IN ACCORDANCE WITH METRO CP-10 AND/OR CP-13, RESPECTIVELY. CONTRACTOR TO COORDINATE EXACT LOCATION WITH NPDES DEPARTMENT DURING PRECONSTRUCTION MEETING. CONTROL OF OTHER SITE WASTE SUCH AS DISCARDED BUILDING MATERIALS, CHEMICALS, LITTER, AND SANITARY WASTES THAT MAY CAUSE ADVERSE IMPACTS TO WATER QUALITY ARE ALSO REQUIRED BY THE GRADING PERMITTEE.
4. ALL EROSION CONTROL MEASURES ARE TO BE REMOVED PRIOR TO ANY AS-BUILT APPROVALS.

### NOTE:

GRADING PERMITTEE TO INCLUDE BMP'S DESIGNED TO CONTROL SITE WASTES SUCH AS DISCARDED BUILDING MATERIALS, CHEMICALS, LITTER, AND SANITARY WASTES THAT MAY CAUSE ADVERSE IMPACTS TO WATER QUALITY. THE LOCATION OF AND /OR NOTES REFERRING TO SAID BMP'S SHALL BE SHOWN ON THE EPSC PLAN.

### EROSION CONTROL NOTES:

EROSION EEL'S OR OTHER APPROVED EROSION CONTROL DEVICES TO BE ADDED AT DRIVEWAY ENTRANCE TO PREVENT RUNOFF FROM GETTING ON PUBLIC/PRIVATE ROAD DURING RAIN EVENTS AS NEEDED.

ALL EPSC MEASURES SHALL BE DESIGNED TO MEET THE 5 YEAR DESIGN STORM.

ALL SLOPES 3:1 OR GREATER SHALL BE STABILIZED WITHIN 7 DAYS AND SHALL BE DONE WITH SOD OR EROSION CONTROL BLANKETS.

### STORMWATER NOTE:

SITE POTENTIALLY DRAINS TO TDEC 303d LISTED WATERS - MANSKERS CREEK - WHICH ARE LISTED DUE TO LOSS OF BIOLOGICAL INTEGRITY DUE TO SILTATION, LOW DISSOLVED OXYGEN, & ESCHERICHIA COLI CAUSED BY LAND DEVELOPMENT AND MS4 DISCHARGES.

### CONSTRUCTION GENERAL PERMIT NOTICE OF COVERAGE (NOC) CERTIFICATION

THE PROJECT ASSOCIATED WITH THESE PLANS IS COVERED UNDER CONSTRUCTION GENERAL PERMIT No. \_\_\_\_\_ AS DISTURBANCE IS APPROXIMATELY 1.15± ACRES.

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

CIRCLE ONE: DEVELOPER - PROJECT ENGINEER - OTHER: DAVID S. ABBEY, P.E.  
PLEASE ATTACH A COPY OF THE NOTICE OF COVERAGE UNDER THE CONSTRUCTION GENERAL PERMIT.

NOTE: A PROJECT WILL NOT BE SCHEDULED FOR A PRE-CONSTRUCTION MEETING UNTIL THE STATE CONSTRUCTION GENERAL PERMIT NOC LETTER IS SUBMITTED.

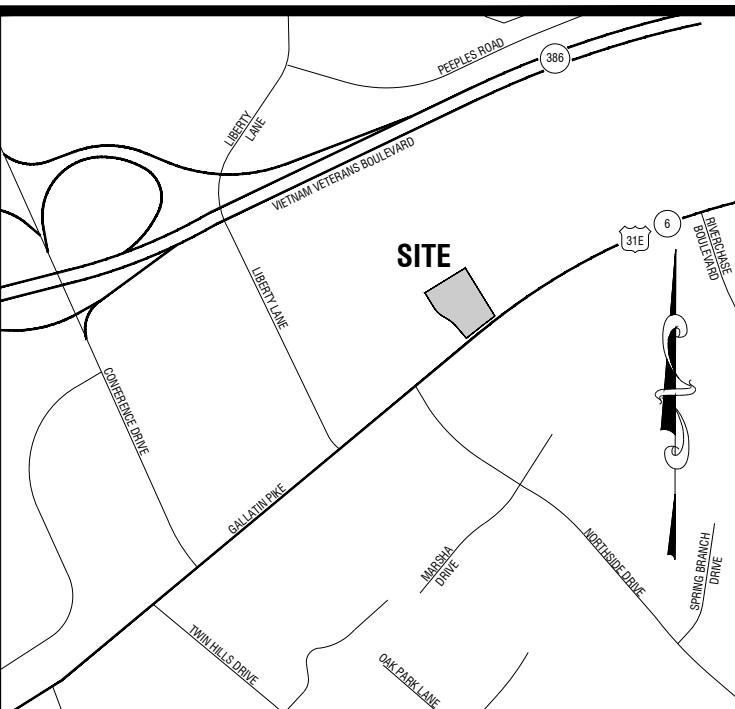


Know what's below.  
Call before you dig.

### SOURCE OF VERTICAL DATUM:

BM  
NATIONAL GEODETIC SURVEY (NGS) ONLINE  
POSITIONING USER SERVICE (OPUS) GPS STATIC OR  
GPS RAPID STATIC SURVEY SESSION DATED 10/10/15

TBM  
P.K. NAIL SET IN THE ASPHALT PARKING LOT OF THE  
WAL-MART PROPERTY  
ELEVATION 512.93 (NAVD 88)



### VICINITY MAP

### FLOOD NOTE:

BY GRAPHIC PLOTTING ONLY, THE DESCRIBED PROPERTY IS LOCATED IN A FLOOD HAZARD ZONE 'X' AS SHOWN ON THE FLOOD INSURANCE RATE MAP COMMUNITY PANEL NO. 47037C0141H WHICH BEARS AN EFFECTIVE DATE OF APRIL 5, 2017.

### DISTURBED AREA:

TOTAL DISTURBED AREA = 1.15 ACRES±

### SURVEY NOTE:

BASE INFORMATION WAS TAKEN FROM AN ALTA/ACSM LAND TITLE SURVEY PREPARED BY BLUE RIDGE SURVEYING SERVICES DATED MARCH 16, 2019. DEVELOPMENT MANAGEMENT GROUP, LLC SHALL NOT BE HELD RESPONSIBLE FOR THE ACCURACY AND/OR COMPLETENESS OF THAT INFORMATION SHOWN HEREON OR ANY ERRORS OR OMISSIONS RESULTING FROM SUCH.

### TYPICAL NOTES

1. ALL CONTROL MEASURES MUST BE PROPERLY SELECTED, INSTALLED, AND MAINTAINED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AND THE CONTRACT DOCUMENTS. IF PERIODIC INSPECTIONS OR OTHER INFORMATION INDICATES A CONTROL HAS BEEN USED INAPPROPRIATELY OR INCORRECTLY, THE CONTRACTOR MUST REPLACE OR MODIFY THE CONTROL FOR SITE SITUATIONS.
2. IF SEDIMENT ESCAPES THE CONSTRUCTION SITE, OFF-SITE ACCUMULATIONS OF SEDIMENT THAT HAVE NOT REACHED A STREAM MUST BE REMOVED AT A FREQUENCY SUFFICIENT TO MINIMIZE OFFSITE IMPACTS. PERMITTEES SHALL NOT INITIATE REMEDIATION/RESTORATION OF A STREAM WITHOUT CONSULTING THE REGULATING AGENCY FIRST. THIS PERMIT DOES NOT, HOWEVER, AUTHORIZE ACCESS TO PRIVATE PROPERTY.
3. SEDIMENT SHOULD BE REMOVED FROM SEDIMENT TRAPS, SILT FENCES, SEDIMENTATION PONDS, AND OTHER SEDIMENT CONTROLS AS NECESSARY, AND MUST BE REMOVED WHEN DESIGN CAPACITY HAS BEEN REDUCED BY 50%.
3. LITTER, CONSTRUCTION DEBRIS, AND CONSTRUCTION CHEMICALS EXPOSED TO STORM WATER SHALL BE PICKED UP PRIOR TO ANTICIPATED STORM EVENTS, OR OTHERWISE PREVENTED FROM BECOMING A POLLUTANT SOURCE FOR STORM WATER DISCHARGES.
4. PRE-CONSTRUCTION VEGETATIVE GROUND COVER SHALL NOT BE DESTROYED, REMOVED OR DISTURBED MORE THAN 7 CALENDAR DAYS PRIOR TO GRADING OR EARTH MOVING UNLESS THE AREA IS SEEDED AND/OR MULCHED OR OTHER TEMPORARY COVER IS INSTALLED.
5. CLEARING AND GRUBBING MUST BE HELD TO THE MINIMUM NECESSARY FOR GRADING AND EQUIPMENT OPERATION.
6. CONSTRUCTION MUST BE SEQUENCED TO MINIMIZE THE EXPOSURE TIME OF GRADED OR DENUDED AREAS.
7. EROSION AND SEDIMENT CONTROL MEASURES MUST BE IN PLACE AND FUNCTIONAL BEFORE EARTH MOVING OPERATIONS BEGIN, AND MUST BE CONSTRUCTED AND MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. TEMPORARY MEASURES MAY BE REMOVED AT THE BEGINNING OF THE WORK DAY, BUT MUST BE REPLACED AT THE END OF THE WORK DAY.
8. THE FOLLOWING RECORDS SHALL BE MAINTAINED ON SITE: THE DATES WHEN MAJOR GRADING ACTIVITIES OCCUR; THE DATES WHEN CONSTRUCTION ACTIVITIES TEMPORARILY OR PERMANENTLY CEASE ON A PORTION OF THE SITE, AND THE DATES WHEN STABILIZATION MEASURES ARE INITIATED.
9. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICAL IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN SEVEN DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED. EXCEPT IN THE FOLLOWING TWO SITUATIONS: (1) WHERE THE INITIATION OF STABILIZATION MEASURES BY THE SEVENTH DAY IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICAL; OR (2) WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH DISTURBING ACTIVITIES WILL BE RESUMED WITHIN 7 DAYS, TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF SITE.
10. CONSTRUCTION MUST BE PHASED FOR PROJECTS IN WHICH OVER 50 ACRES OF SOIL WILL BE DISTURBED. AREAS OF THE COMPLETED PHASE MUST BE STABILIZED WITHIN 7 DAYS AFTER ANOTHER PHASE HAS BEEN INITIATED OR OTHERWISE PREVENTED FROM BECOMING A POLLUTANT SOURCE FOR STORM WATER DISCHARGES. AFTER USE, SILT FENCES SHOULD BE REMOVED OR OTHERWISE PREVENTED FROM BECOMING A POLLUTANT SOURCE FOR STORM WATER DISCHARGES.
11. TEMPORARY OR PERMANENT SOIL STABILIZATION SHALL BE ACCOMPLISHED WITHIN 7 DAYS AFTER FINAL GRADING OR OTHER EARTH WORK. PERMANENT STABILIZATION WITH PERENNIAL VEGETATION OR OTHER PERMANENTLY STABLE, NON-ERODING SURFACE SHALL REPLACE ANY TEMPORARY MEASURES AS SOON AS PRACTICABLE.
12. NO SOLID MATERIALS INCLUDING BUILDING MATERIAL, SHALL BE DISCHARGED TO WATERS OF THE UNITED STATES EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT AND/OR TENNESSEE AQUATIC RESOURCE ALTERATION PERMIT
13. OFFSITE VEHICLE TRACKING OF SEDIMENTS AND THE GENERATION OF DUST SHALL BE MINIMIZED.

### NOTES BY SYMBOL

CODE	DESCRIPTION	DETAIL
EC1	TEMPORARY CONSTRUCTION ENTRANCE	2/C1.2
EC2	SILT FENCE	1/C1.2
EC3	TREE PROTECTION	6/C1.2
EC4	EROSION EEL	3/C1.2
EC5	INLET PROTECTION	4/C1.2
EC6	CONCRETE WASH OUT AREA	5/C1.2
EC7	LIMIT OF DISTURBANCE	

SWGR

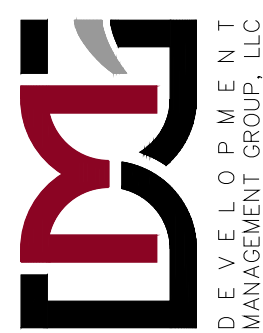
PARCEL 177.00  
TAX MAP No. 026-00

PLANS PREPARED FOR:

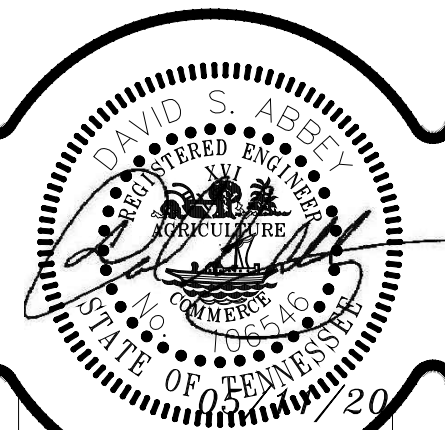
2220 GALLATIN PARTNERS, GP  
1501 FRANKLIN ROAD  
BRENTWOOD, TN 37027  
TELE: (615)

PLANS PREPARED BY:

4209 GALLATIN PIKE  
NASHVILLE, TN 37216  
TELE: (615) 227-5863  
www.dmgashville.com



MULTI-TENANT BUILDING  
2220 GALLATIN PIKE  
MADISON, DAVIDSON COUNTY, TENNESSEE



REVISIONS

DATE: 05-11-20

DMG Project No: 19138

EROSION & SEDIMENT  
CONTROL PLAN (STAGE 1)

C1.0

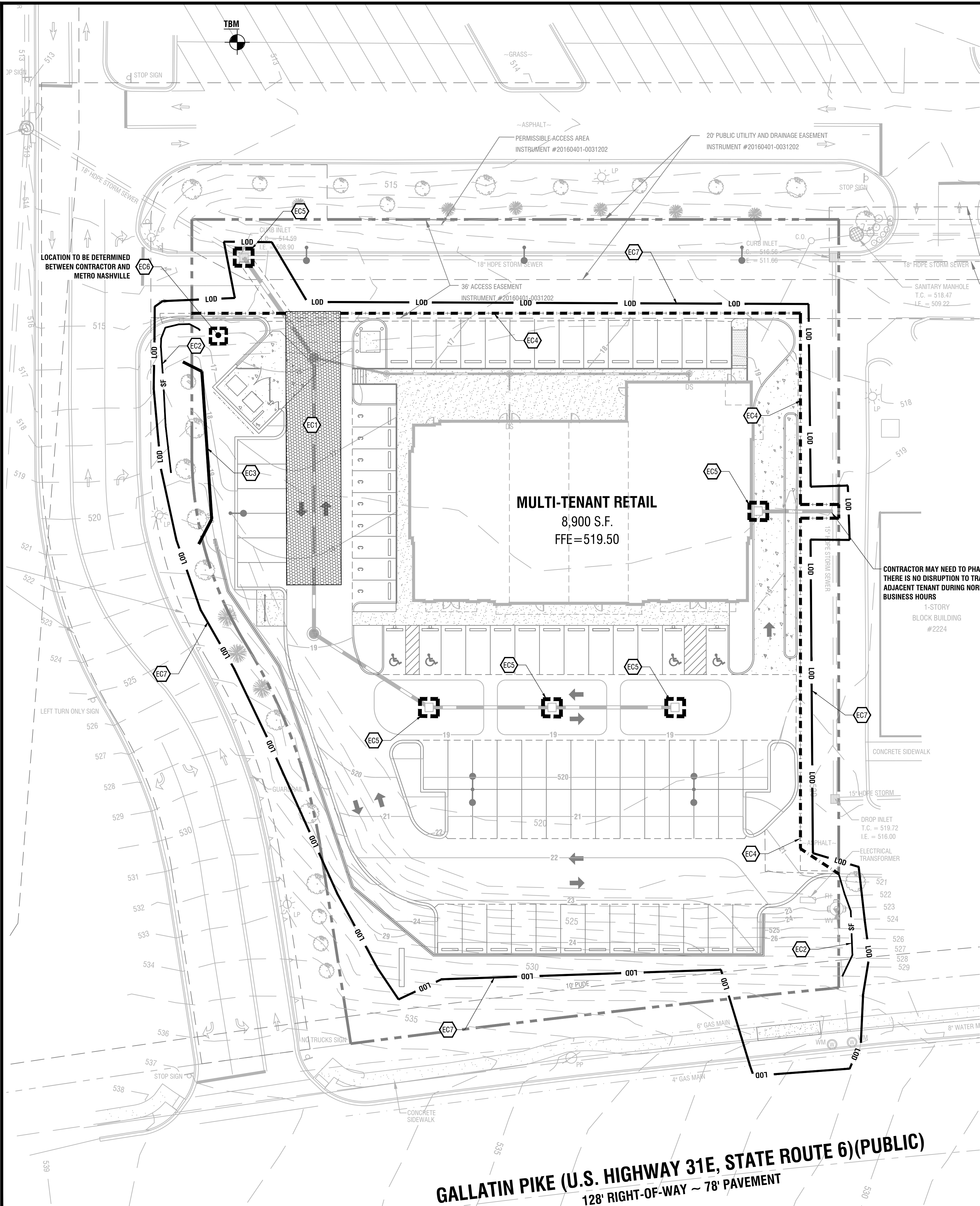
ISSUED FOR: ☐ CHECKSET ☒ AGENCY REVIEW ☐ BID PURPOSES ☐ CONSTRUCTION



SCALE: 1"=20'



Z:\PROJECT DATABASE\2019\19138 - 2220 Gallatin Pike - Multi Tenant- 2220 Gallatin Pike - Nashville TN\Plans\Engineering\19138\_Gallatin Retail\1-1\_Ero.dwg-C1.0 May 12, 2020 - 2:07pm BroydenEpenbeck



### SCHEDULE OF INSPECTIONS AND MAINTENANCE NOTES

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THE PROJECT ASSOCIATED WITH THESE PLANS IS COVERED UNDER CONSTRUCTION GENERAL PERMIT No. \_\_\_\_\_ AS DISTURBANCE IS APPROXIMATELY 1.15± ACRES.

SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

CIRCLE ONE: DEVELOPER - PROJECT ENGINEER - OTHER: DAVID S. ABBEY, P.E.  
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**GALLATIN PIKE (U.S. HIGHWAY 31E, STATE ROUTE 6)(PUBLIC)**  
128' RIGHT-OF-WAY ~ 78' PAVEMENT

ISSUED FOR: ☐ CHECKSET ☒ AGENCY REVIEW ☐ BID PURPOSES ☐ CONSTRUCTION



SCALE: 1"=20'



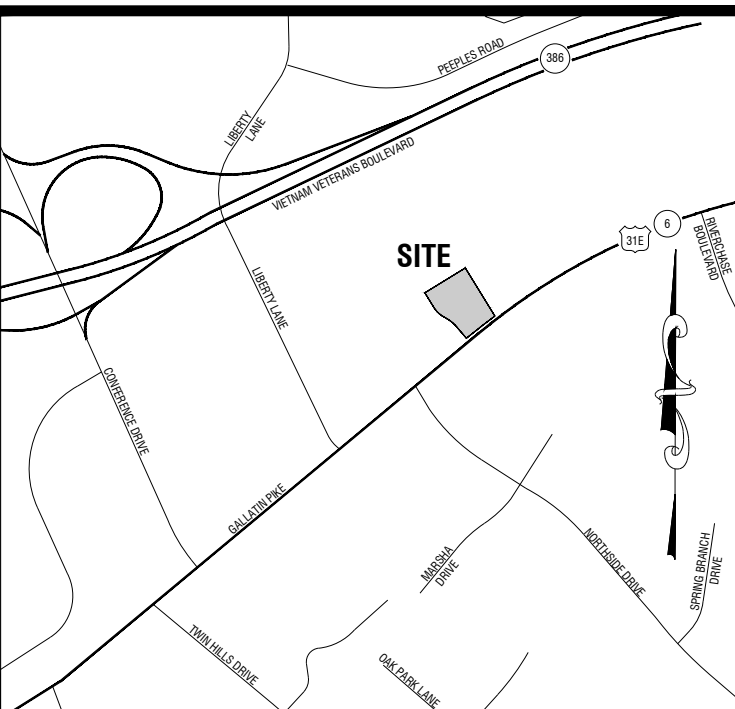
Know what's below.  
Call before you dig.

### SOURCE OF VERTICAL DATUM:

BM  
NATIONAL GEODETIC SURVEY (NGS) ONLINE  
POSITIONING USER SERVICE (OPUS) GPS STATIC OR  
GPS RAPID STATIC SURVEY SESSION DATED 10/10/15

TBM  
P.K. NAIL SET IN THE ASPHALT PARKING LOT OF THE  
WAL-MART PROPERTY  
ELEVATION 512.93 (NAVD 88)

### VICINITY MAP



### FLOOD NOTE:

BY GRAPHIC PLOTTING ONLY, THE DESCRIBED  
PROPERTY IS LOCATED IN A FLOOD HAZARD ZONE 'X'  
AS SHOWN ON THE FLOOD INSURANCE RATE MAP  
COMMUNITY PANEL NO. 47037C0141H WHICH BEARS  
AN EFFECTIVE DATE OF APRIL 5, 2017.

### DISTURBED AREA:

TOTAL DISTURBED AREA = 1.15 ACRES±

### SURVEY NOTE:

BASE INFORMATION WAS TAKEN FROM AN  
ALTA/ACSM LAND TITLE SURVEY PREPARED BY BLUE  
RIDGE SURVEYING SERVICES DATED MARCH 16, 2019  
DEVELOPMENT MANAGEMENT GROUP, LLC SHALL  
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AND/OR COMPLETENESS OF THAT INFORMATION  
SHOWN HEREON OR ANY ERRORS OR OMISSIONS  
RESULTING FROM SUCH.

### TYPICAL NOTES

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3. LITTER, CONSTRUCTION DEBRIS, AND CONSTRUCTION CHEMICALS EXPOSED TO STORM WATER SHALL BE PICKED UP PRIOR TO ANTICIPATED STORM EVENTS, OR OTHERWISE PREVENTED FROM BECOMING A POLLUTANT SOURCE FOR STORM WATER DISCHARGES.
4. PRE-CONSTRUCTION VEGETATIVE GROUND COVER SHALL NOT BE DESTROYED, REMOVED OR DISTURBED MORE THAN 7 CALENDAR DAYS PRIOR TO GRADING OR EARTH MOVING UNLESS THE AREA IS SEEDED AND/OR MULCHED OR OTHER TEMPORARY COVER IS INSTALLED.
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9. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICAL IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN SEVEN DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED. EXCEPT IN THE FOLLOWING TWO SITUATIONS: (1) WHERE THE INITIATION OF STABILIZATION MEASURES BY THE SEVENTH DAY IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICAL; OR (2) WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH DISTURBING ACTIVITIES WILL BE RESUMED WITHIN 7 DAYS, TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF SITE.
10. CONSTRUCTION MUST BE PHASED FOR PROJECTS IN WHICH OVER 50 ACRES OF SOIL WILL BE DISTURBED. AREAS OF THE COMPLETED PHASE MUST BE STABILIZED WITHIN 7 DAYS AFTER ANOTHER PHASE HAS BEEN INITIATED OR OTHERWISE PREVENTED FROM BECOMING A POLLUTANT SOURCE FOR STORM WATER DISCHARGES; AFTER USE, SILT FENCES SHOULD BE REMOVED OR OTHERWISE PREVENTED FROM BECOMING A POLLUTANT SOURCE FOR STORM WATER DISCHARGES.
11. TEMPORARY OR PERMANENT SOIL STABILIZATION SHALL BE ACCOMPLISHED WITHIN 7 DAYS AFTER FINAL GRADING OR OTHER EARTH WORK. PERMANENT STABILIZATION WITH PERENNIAL VEGETATION OR OTHER PERMANENTLY STABLE, NON-ERODING SURFACE SHALL REPLACE ANY TEMPORARY MEASURES AS SOON AS PRACTICABLE.
12. NO SOLID MATERIALS INCLUDING BUILDING MATERIAL, SHALL BE DISCHARGED TO WATERS OF THE UNITED STATES EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT AND/OR TENNESSEE AQUATIC RESOURCE ALTERATION PERMIT
13. OFFSITE VEHICLE TRACKING OF SEDIMENTS AND THE GENERATION OF DUST SHALL BE MINIMIZED.

### NOTES BY SYMBOL

CODE	DESCRIPTION	DETAIL
EC1	TEMPORARY CONSTRUCTION ENTRANCE	2/C1.2
EC2	SILT FENCE	1/C1.2
EC3	TREE PROTECTION	6/C1.2
EC4	EROSION EEL	3/C1.2
EC5	INLET PROTECTION	4/C1.2
EC6	CONCRETE WASH OUT AREA	5/C1.2
EC7	LIMIT OF DISTURBANCE	

SWGR

PARCEL 177.00  
TAX MAP No. 026-00

PLANS PREPARED FOR:

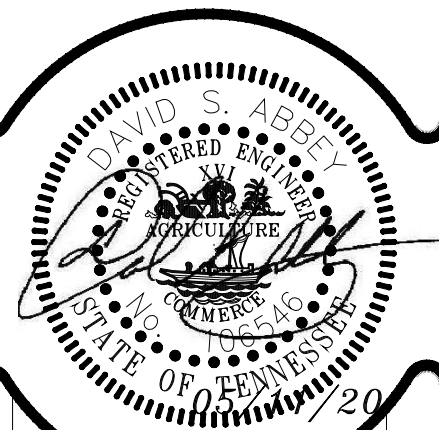
2220 GALLATIN PARTNERS, GP  
1501 FRANKLIN ROAD  
BRENTWOOD, TN 37027  
TELE:(615)

PLANS PREPARED BY:

4209 GALLATIN PIKE  
NASHVILLE, TN 37216  
TELE:(615) 227-5863  
www.dmgashville.com



**MULTI-TENANT BUILDING**  
2220 GALLATIN PIKE  
MADISON, DAVIDSON COUNTY, TENNESSEE



REVISIONS

DATE

DATE: 05-11-20

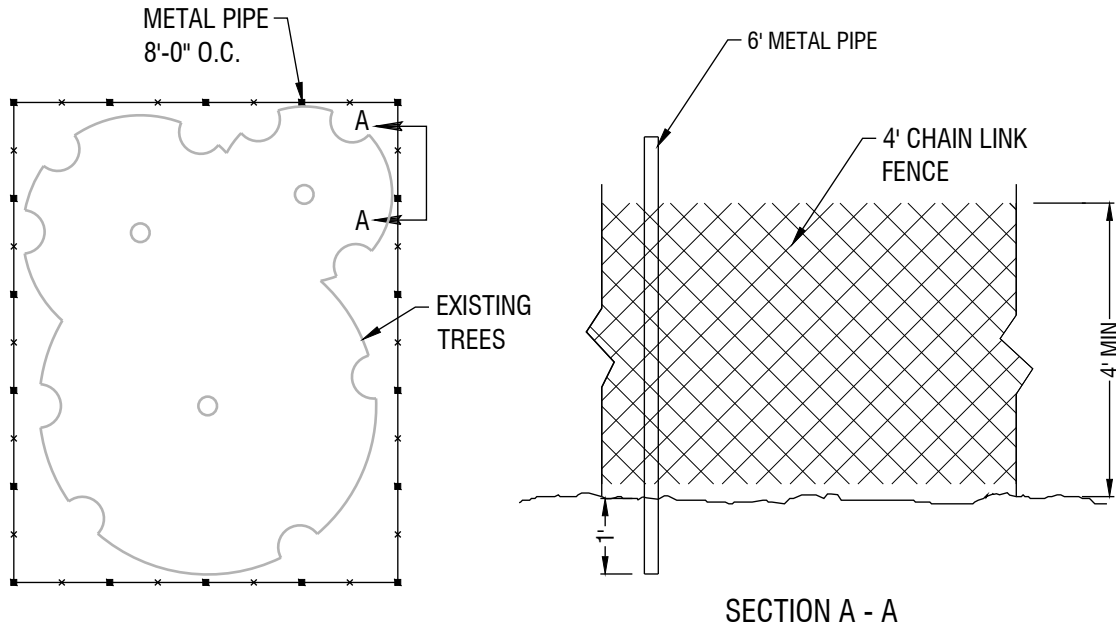
DMG Project No: 19138

EROSION & SEDIMENT  
CONTROL PLAN (STAGE 2)

C1.1

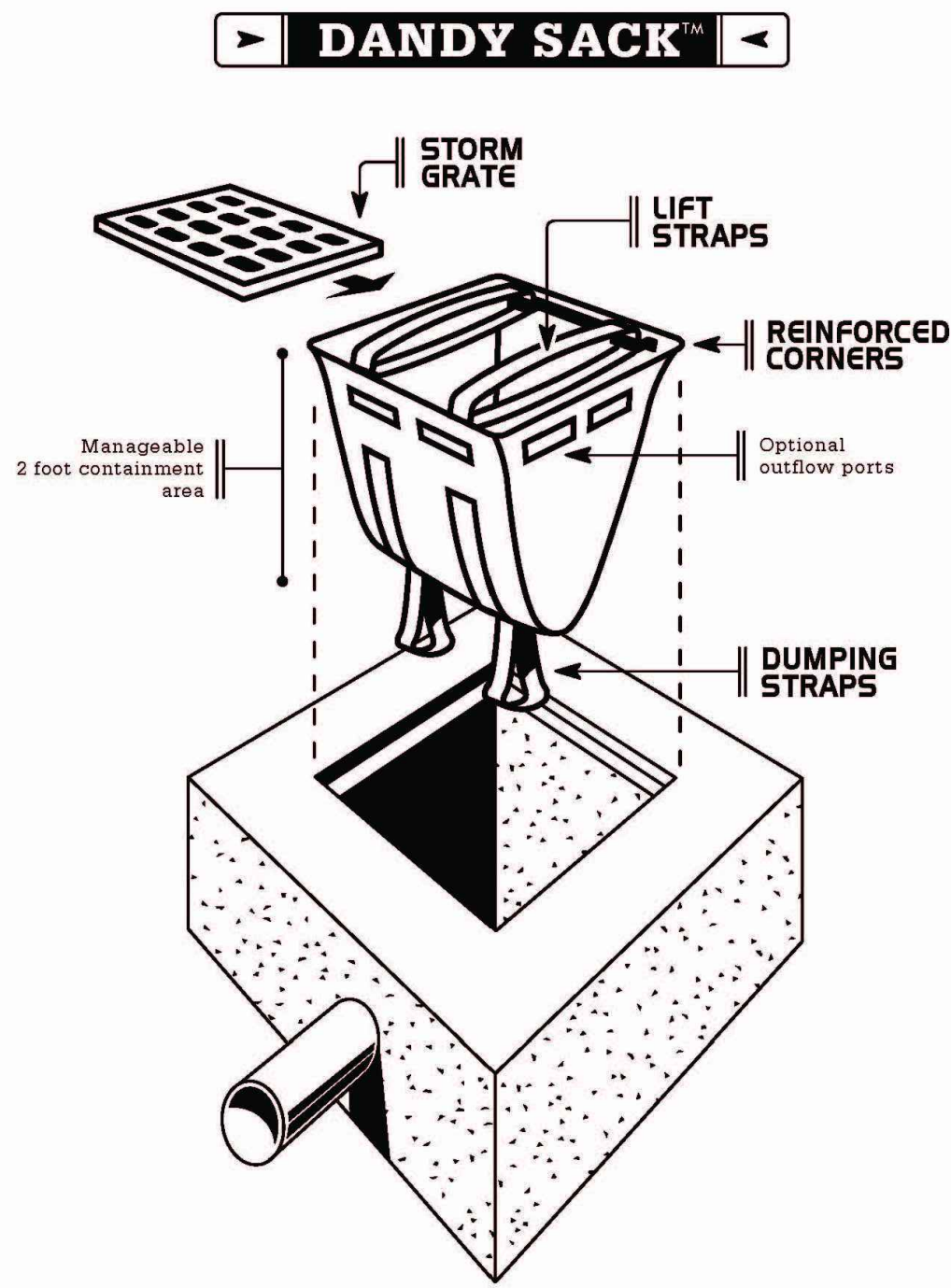


Z:\PROJECT DATABASE\2019\19138 - Gallatin Partners - Multi Tenant- 2220 Gallatin Pike - Nashville TN\Plans\Engineer\19138\_Gallatin Retai\1-2\_Erodi.dwg--06.0 May 12, 2020 -- 2:07pm BroydenErenbeck



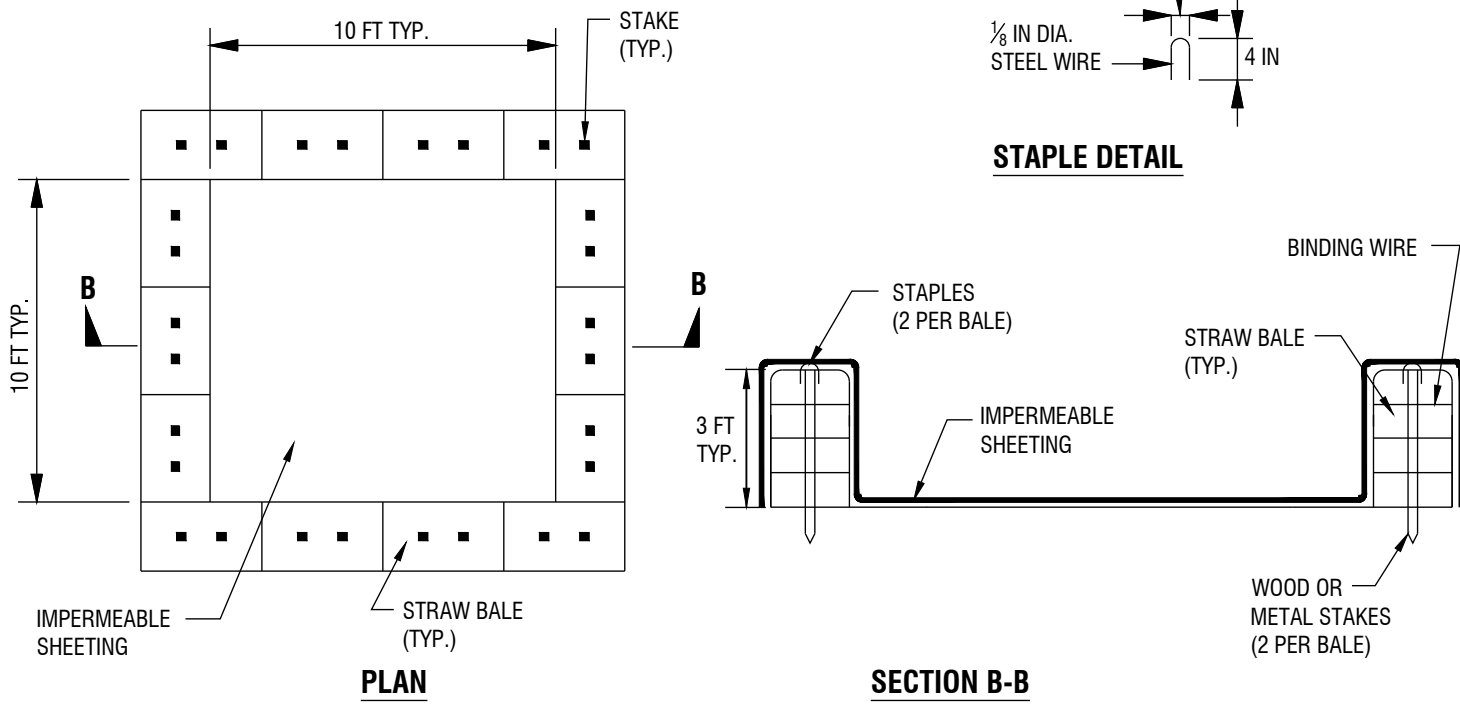
6

NTS  
**TREE PROTECTION DETAIL**



4

NTS  
**INLET PROTECTION (TCP-24)**

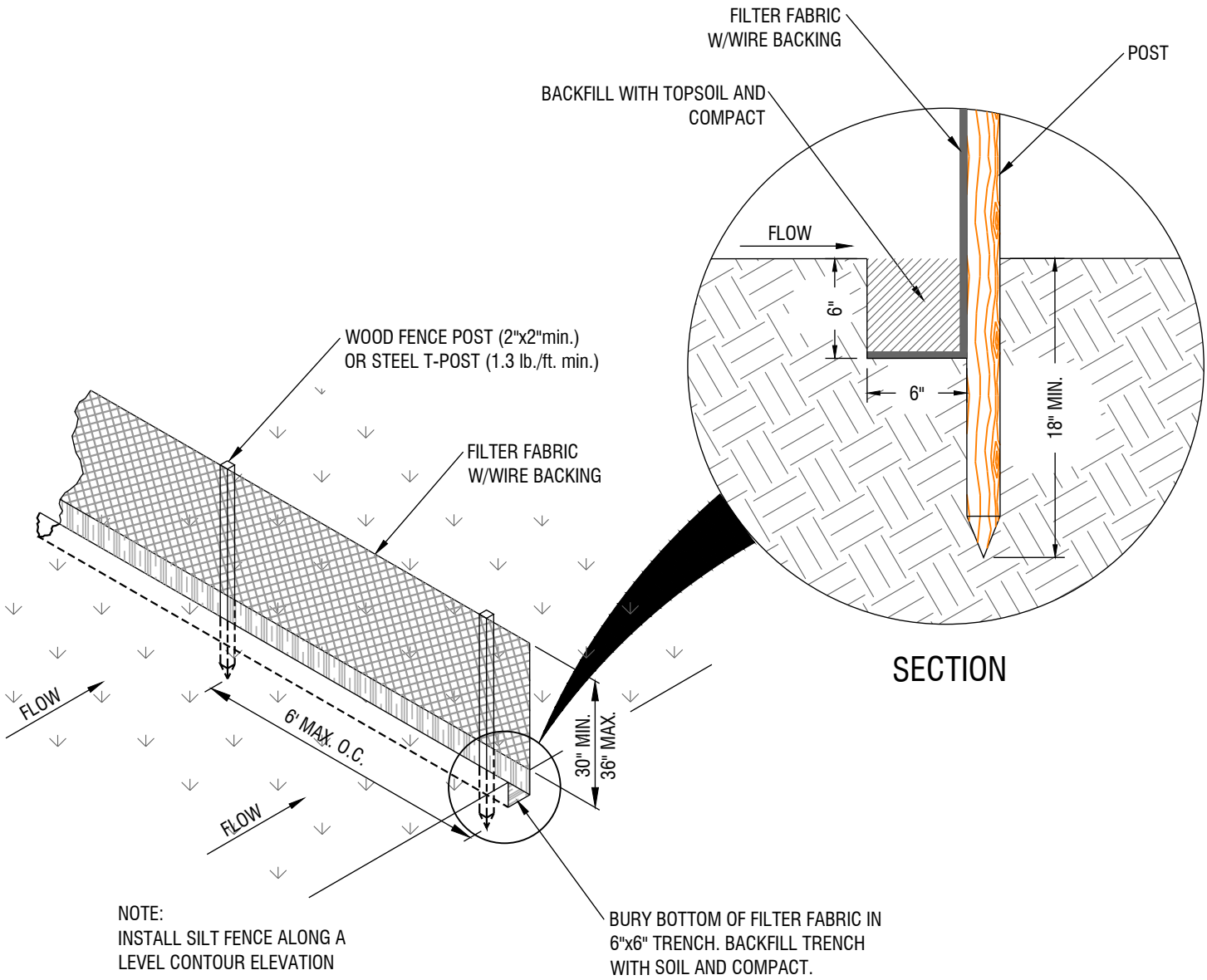


5

NTS  
**CONCRETE WASHOUT STRUCTURE (CP-10)**

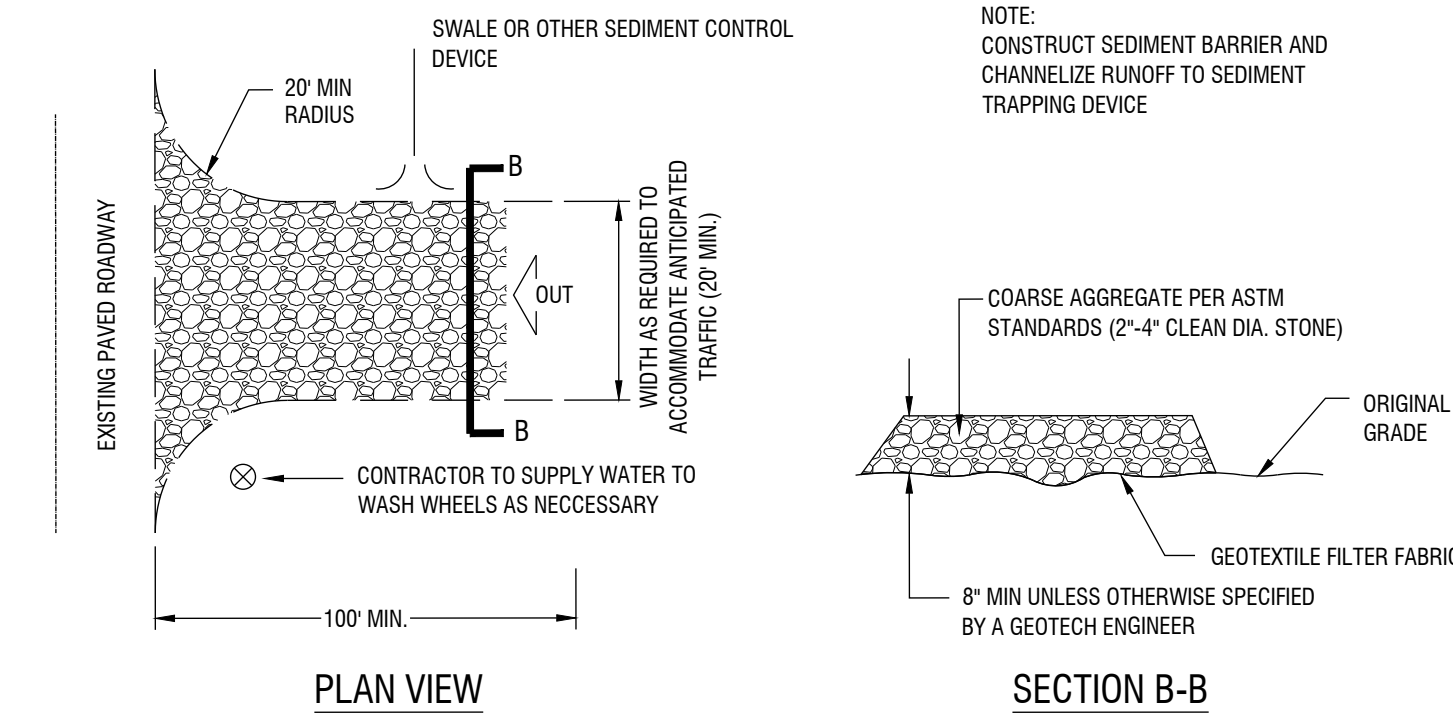
**CONSTRUCTION SPECIFICATIONS**

1. LOCATE WASHOUT STRUCTURE A MINIMUM OF 50 FEET AWAY FROM OPEN CHANNELS, STORM DRAIN INLETS, SENSITIVE AREAS, WETLANDS, BUFFERS AND WATER COURSES AND AWAY FROM CONSTRUCTION TRAFFIC.
2. SIZE WASHOUT STRUCTURE FOR VOLUME NECESSARY TO CONTAIN WASH WATER AND SOLIDS AND MAINTAIN AT LEAST 4 INCHES OF FREEBOARD. TYPICAL DIMENSIONS ARE 10 FEET X 10 FEET X 3 FEET DEEP.
3. PREPARE SOIL BASE FREE OF ROCKS OR OTHER DEBRIS THAT MAY CAUSE TEARS OR HOLES IN THE LINER. FOR LINER, USE 10 MIL OR THICKER UV RESISTANT, IMPERMEABLE SHEETING, FREE OF HOLES AND TEARS OR OTHER DEFECTS THAT COMPROMISE IMPERMEABILITY OF THE MATERIAL.
4. PROVIDE A SIGN FOR THE WASHOUT IN CLOSE PROXIMITY TO THE FACILITY.
5. KEEP CONCRETE WASHOUT STRUCTURE WATER TIGHT. REPLACE IMPERMEABLE LINER IF DAMAGED (E.G., RIPPED OR PUNCTURED). EMPTY OR REPLACE WASHOUT STRUCTURE THAT IS 75 PERCENT FULL, AND DISPOSE OF ACCUMULATED MATERIAL PROPERLY. DO NOT REUSE PLASTIC LINER. WET-VACUUM STORED LIQUIDS THAT HAVE NOT EVAPORATED AND DISPOSE OF IN AN APPROVED MANNER. PRIOR TO FORECASTED RAINSTORMS, REMOVE LIQUIDS OR COVER STRUCTURE TO PREVENT OVERFLOWS. REMOVE HARDENED SOLIDS, WHOLE OR BROKEN UP, FOR DISPOSAL OR RECYCLING. MAINTAIN RUNOFF DIVERSION AROUND EXCAVATED WASHOUT STRUCTURE UNTIL STRUCTURE IS REMOVED.



1

NTS  
**SILT FENCE WITH BACKING (TCP-13)**

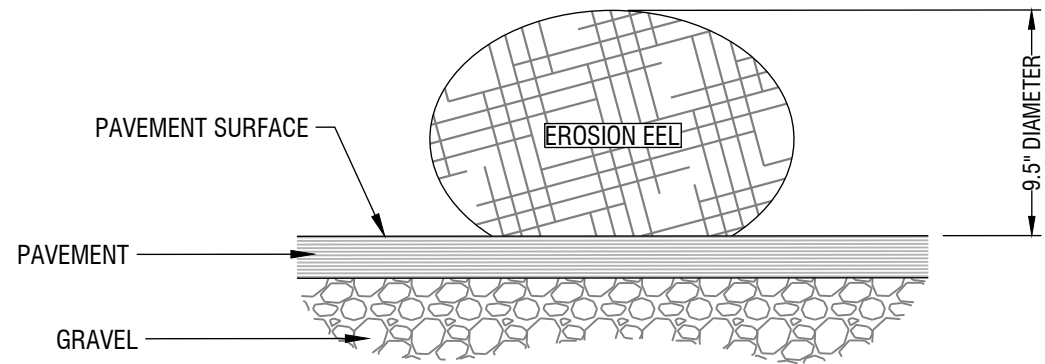


2

NTS  
**TEMPORARY CONSTRUCTION EXIT (TCP-03)**

NOTE:  
SILT PROTECTION PLACED IN ASPHALT LOCATIONS SHALL HAVE SAND BAGS PLACED AT POINTS ALONG THE BARRIER. BAGS ARE INTENDED TO PREVENT MOVEMENT AND PROVIDE STABILIZATION FOR THE DEVICE AND SHALL BE PLACED ON TOP, PERPENDICULAR TO RUN. SAND BAG PLACEMENT NOT MORE THAN 8 FEET APART.

NOTE:  
UTILIZE THE EROSION EEL BY JEN HILL OR APPROVED EQUAL.



3

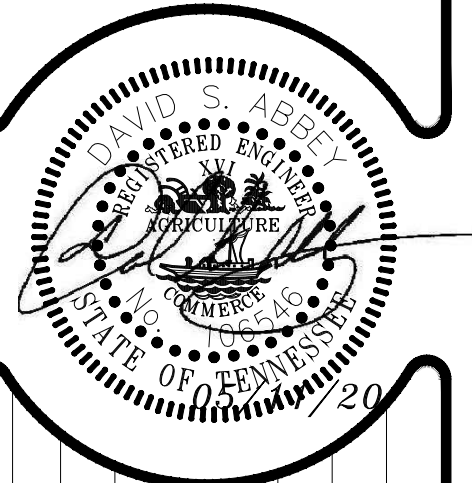
NTS  
**EROSION EEL (TCP-14)**

2220 GALLATIN PARTNERS, GP  
1501 FRANKLIN ROAD  
BRENTWOOD, TN 37027  
TELE:(615)

4209 GALLATIN PIKE  
NASHVILLE, TN 37216  
TELE:(615) 227-5863  
www.dmgashville.com



MULTI-TENANT BUILDING  
2220 GALLATIN PIKE  
MADISON, DAVIDSON COUNTY, TENNESSEE



DATE: 05-11-20

DMG Project No: 19138

EROSION & SEDIMENT  
CONTROL DETAILS

C1.2

ISSUED FOR:



CHECKSET



AGENCY REVIEW



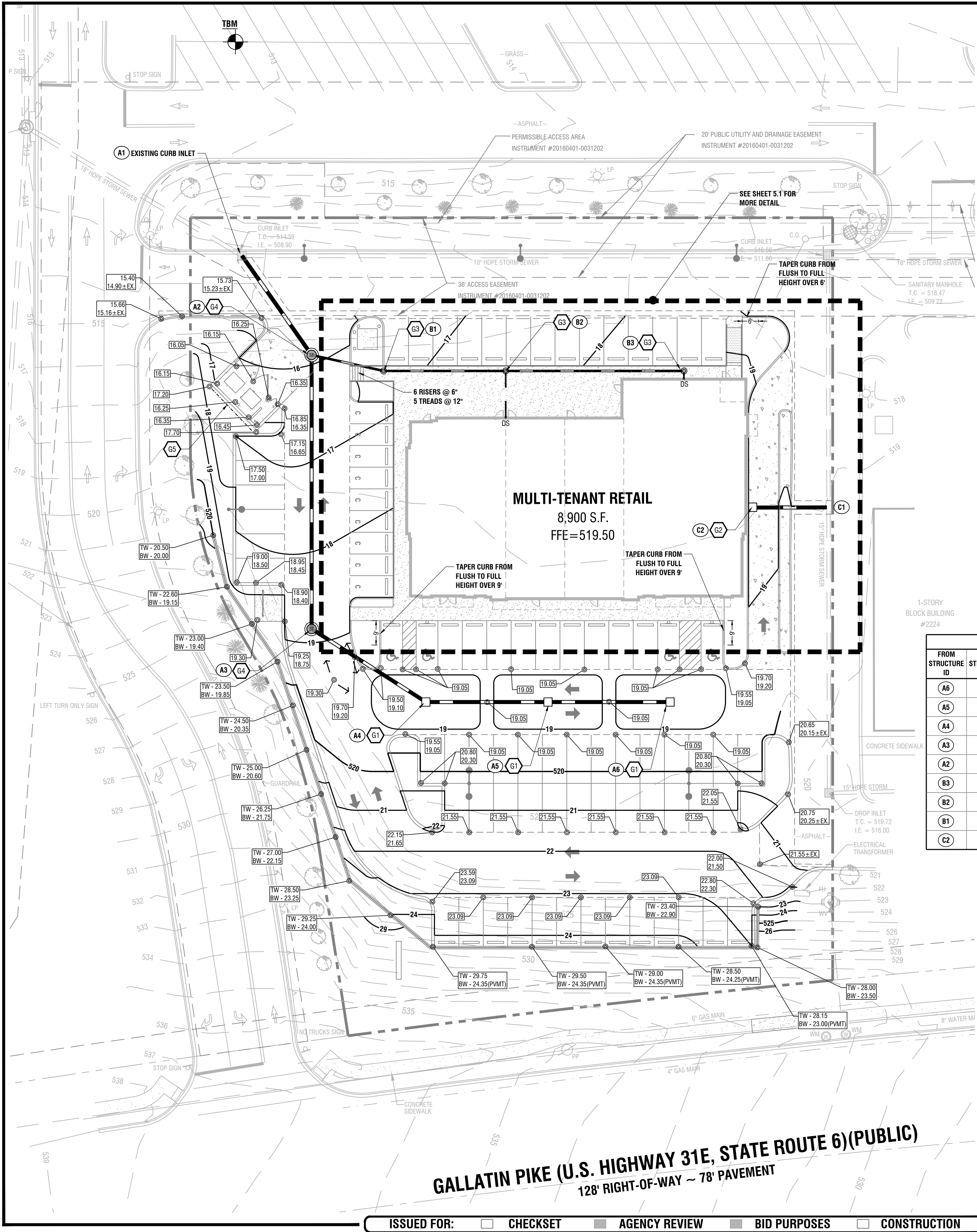
BID PURPOSES



CONSTRUCTION

SCALE: AS NOTED



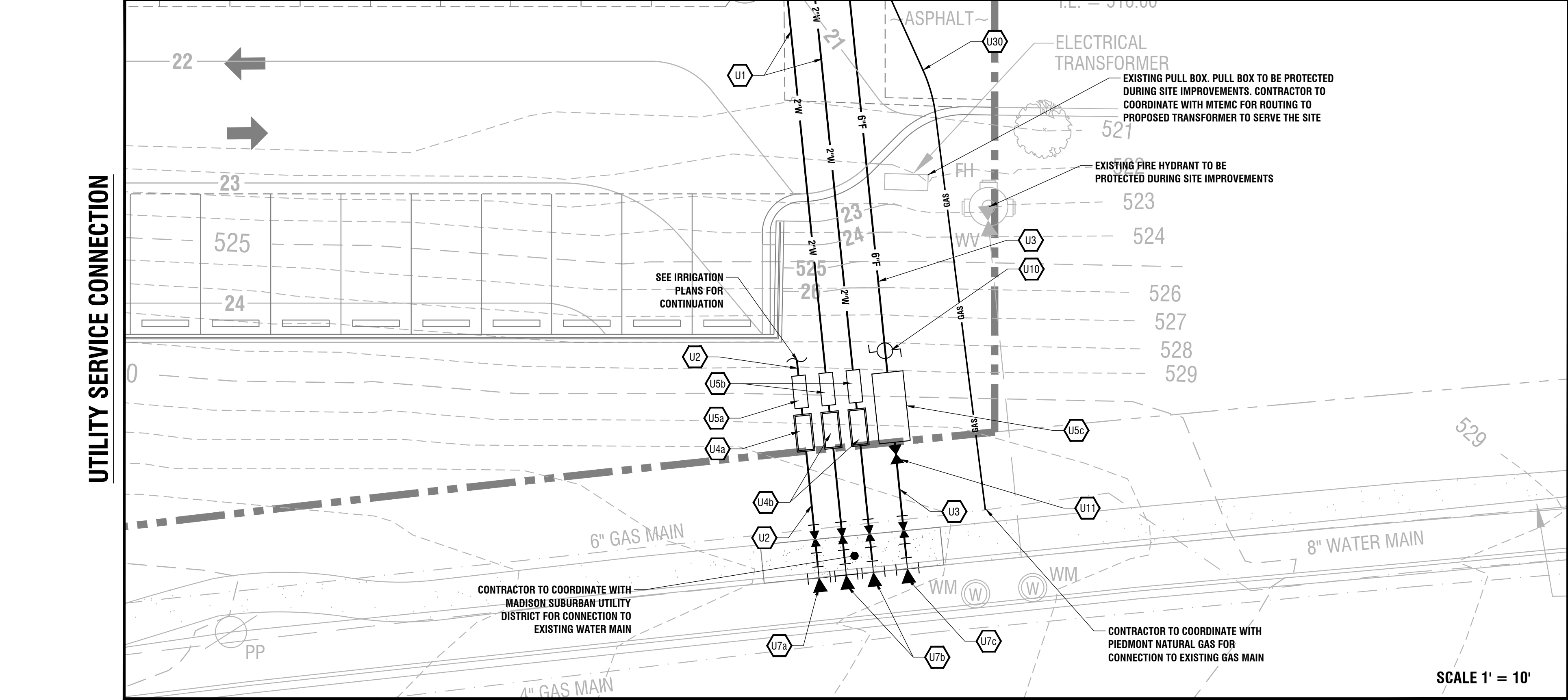


**PARCEL 177.00**  
**TAX MAP No. 026-00**



Z:\PROJECT DATABASE\2019\19138 - Gallatin Partners - Multi Tenant- 2220 Gallatin Pike - Nashville TN\Plans\Engineer\19138\_Gallatin Retail\_C5-1\_UH-Geo.dwg-C1.0 (2) May 12, 2020 -- 2:17pm BrodyEranbeck

NOTES BY SYMBOL		
CODE	DESCRIPTION	DETAIL
U1	2" WATER SERVICE	
U2	1" IRRIGATION	
U3	6" FIRE SERVICE	
U4a	1" IRRIGATION WATER METER	2/C6.2
U4b	2" DOMESTIC WATER METER	3/C6.2
U5a	1" REDUCED PRESSURE BACKFLOW PREVENTER IN HEATED ENCLOSURE BY SAFE-T-COVER OR APPROVED EQUAL	4/C6.2 & 5/C6.2
U5b	2" REDUCED PRESSURE BACKFLOW PREVENTER IN HEATED ENCLOSURE BY SAFE-T-COVER OR APPROVED EQUAL	4/C6.2 & 5/C6.2
U5c	6" DOUBLE DETECTOR CHECK VALVE ASSEMBLY IN HEATED ENCLOSURE BY SAFE-T-COVER OR APPROVED EQUAL	6/C6.2 & 7/C6.2
U6	6" x 6" TEE	
U7a	8" x 1" TAPPING SLEEVE & VALVE	1/C6.3
U7b	8" x 2" TAPPING SLEEVE & VALVE	1/C6.3
U7c	8" x 6" TAPPING SLEEVE & VALVE	1/C6.3
U8	CONCRETE BEND WITH THRUST BLOCK	6/C6.3 & 7/C6.3
U9	FIRE DEPARTMENT CONNECTION	
U10	POST INDICATOR VALVE	
U11	6" GATE VALVE	
U20	SANITARY SEWER SERVICE	
U21	SANITARY SEWER CLEANOUT	9/C6.1
U22	GREASE INTERCEPTOR (1,000 GALLON MIN.)	
U30	GAS SERVICE	
U31	GAS METER	
U40	PAD MOUNTED TRANSFORMER	
U41	UNDERGROUND ELECTRICAL LINE	



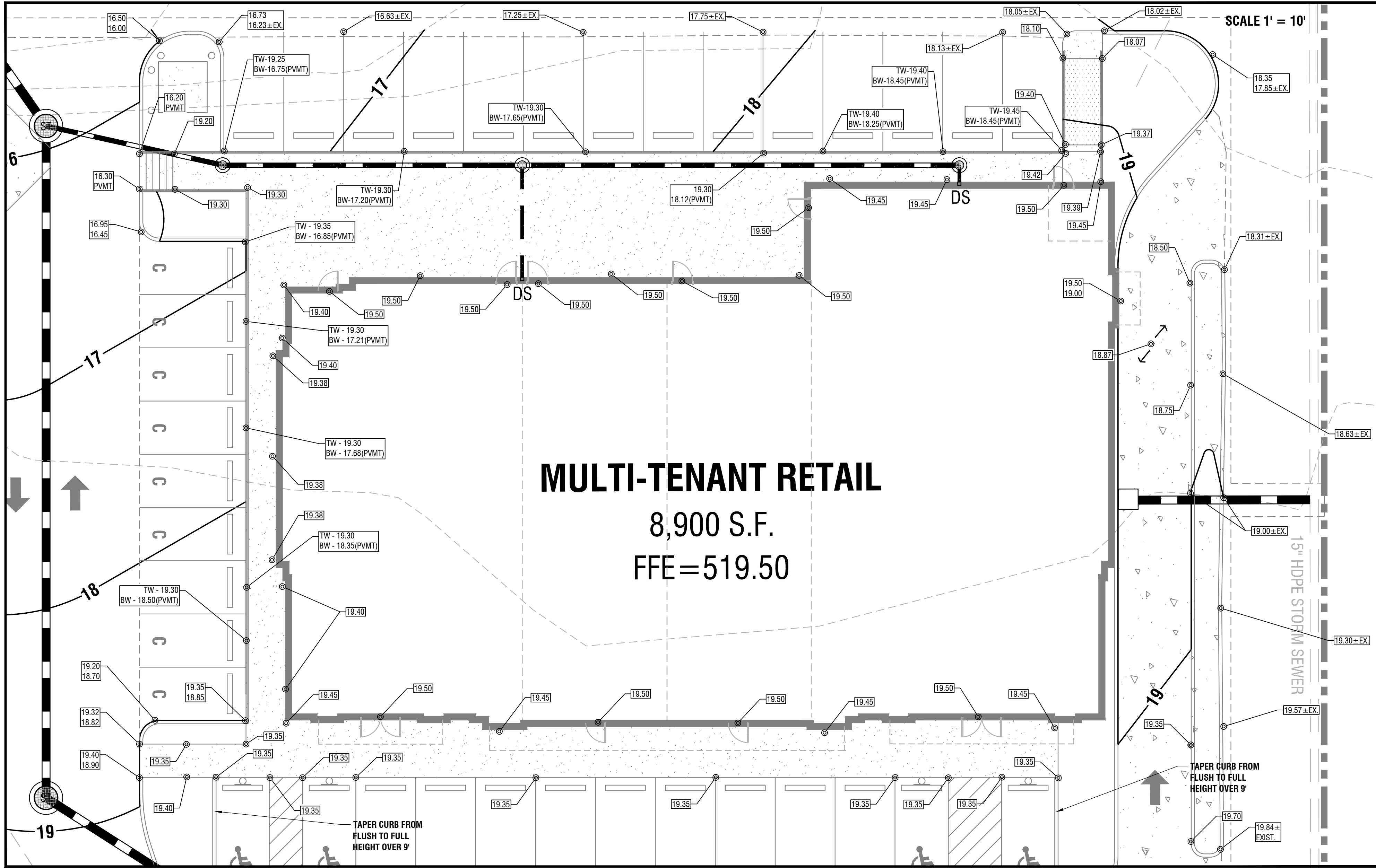
**UTILITY NOTE:**  
SEE SHEET C5.0 FOR FULL UTILITY PLAN AND NOTES

**WATER NOTE:**  
1. SEE SHEET C6.2 FOR MADISON SUBURBAN UTILITY DISTRICT (MSUD) GENERAL NOTES FOR WATER LINE CONSTRUCTION.  
2. SEE SHEET C6.2 & C6.3 FOR MSUD STANDARD DETAILS.  
3. CONTRACTOR TO HAVE ON HAND THE LATEST COPY OF MSUD WATER MAIN MATERIAL AND INSTALLATION SPECIFICATIONS.

**UTILITY NOTE:**  
CONTRACTOR TO USE EXTREME CARE DURING CONSTRUCTION AS TO NOT DAMAGE OR DISRUPT ANY OFFSITE EXISTING UTILITIES OR ANY ONSITE UTILITIES THAT ARE TO REMAIN AND BE REUSED

**PROPOSED FEATURE LEGEND**

WATER SERVICE — 2" W —  
GAS SERVICE — GAS —



**GEOTECHNICAL NOTE:**  
CONTRACTOR TO PROVIDE AN ALLOWANCE WITHIN THEIR BUDGET ALONG WITH APPROXIMATE QUANTITY OF MATERIAL TO BE REMOVED AS PART OF OVERALL CONSTRUCTION ON THIS PROJECT SINCE GEOTECHNICAL REPORT INDICATES ROCK WILL BE ENCOUNTERED AT SHALLOW DEPTHS.

**GRADING NOTE:**  
SEE SHEET C4.0 FOR FULL GRADING PLAN AND NOTES

**PROPOSED FEATURE LEGEND**

PROPOSED CONTOUR — 950 —  
PROPOSED SPOT ELEVATION 21.15  
PROPOSED AREA DRAIN ■  
PROPOSED STORM DRAIN PIPE — —

ISSUED FOR: ☐ CHECKSET ☒ AGENCY REVIEW ☐ BID PURPOSES ☐ CONSTRUCTION

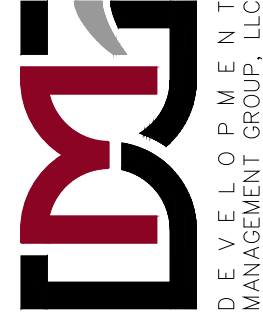
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PLANS PREPARED FOR:

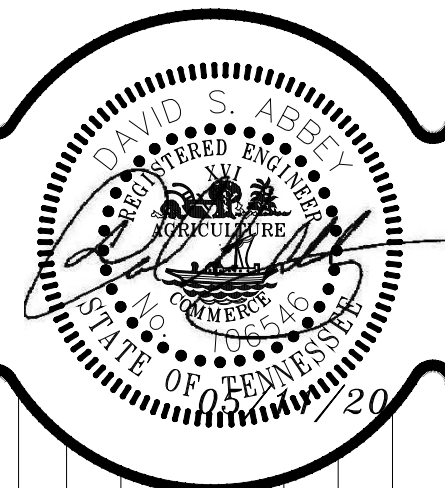
2220 GALLATIN PARTNERS, GP  
1501 FRANKLIN ROAD  
BRENTWOOD, TN 37027  
TEL: (615) 227-5863  
www.dmgashville.com

PLANS PREPARED BY:

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NASHVILLE, TN 37216  
TEL: (615) 227-5863  
www.dmgashville.com



**MULTI-TENANT BUILDING**  
2220 GALLATIN PIKE  
MADISON, DAVIDSON COUNTY, TENNESSEE



REVISIONS  
DESCRIPTION

NO. DATE

DATE: 05-11-20

DMG Project No: 19138

GRADING & UTILITY PLANS

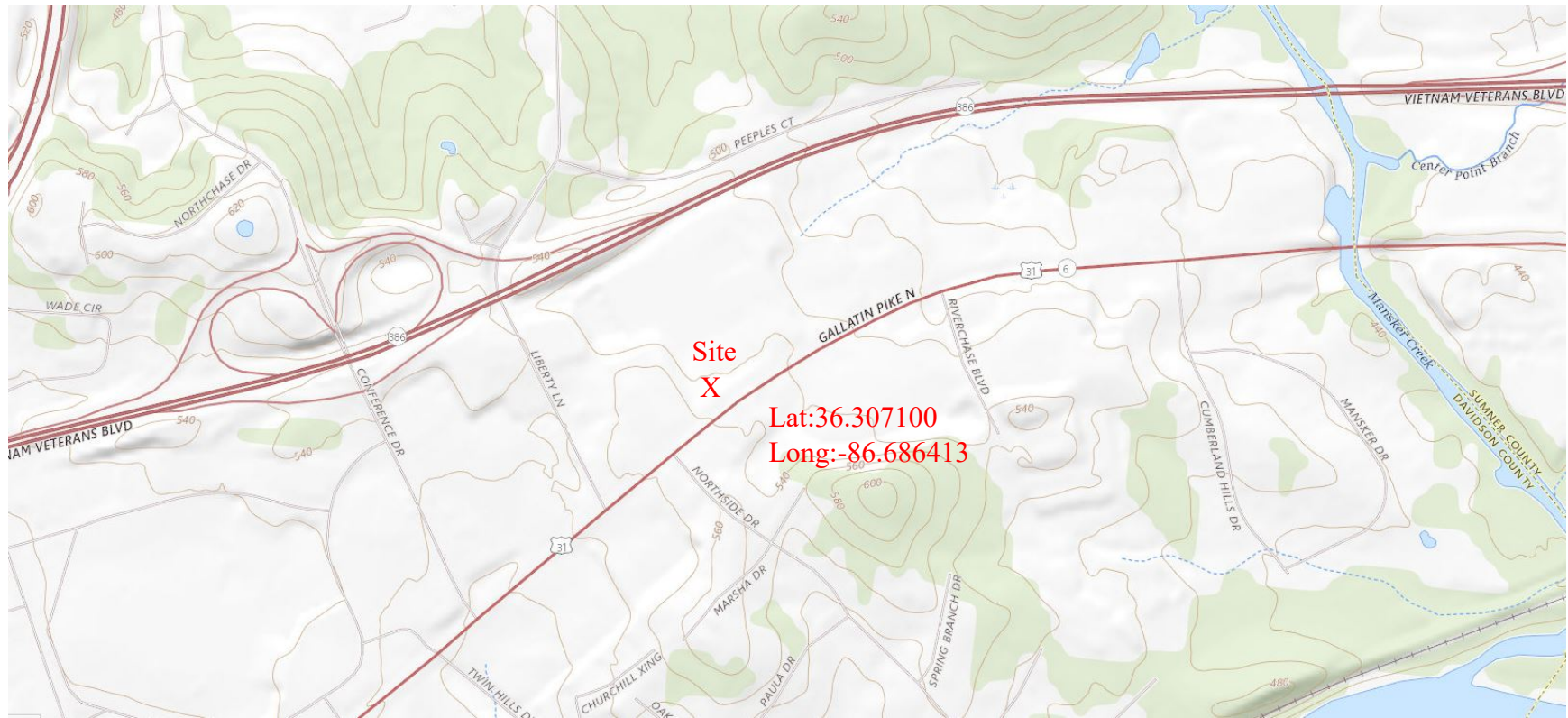
**C5.1**



Site Map : Multi-Tenant Building 2220 Gaalatin Pike, Madison, Davidson County, Tennessee



Vicinity Map : Multi-Tenant Building 2220 Gaalatin Pike, Madison, Davidson County, Tennessee





NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The **community map repository** should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where **Base Flood Elevations** (BFEs) and/or **floodways** have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Boundaries of the **floodways** were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by **flood control structures**. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures for this jurisdiction.

The projection used in the preparation of this map was State Plane Tennessee FIPS 4100. The **horizontal datum** was NAD83, GRS1980 spheroid. Differences in datum, spheroid, projection or State Plane zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same **vertical datum**. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at <http://www.ngs.noaa.gov/> or contact the National Geodetic Survey at the following address:

NGS Information Services  
NOAA, NNGS12  
National Geodetic Survey  
SSMC-3, #9202  
1315 East-West Highway  
Silver Spring, Maryland 20910-3282  
(301) 713-3242

To obtain current elevation, description, and/or location information for **bench marks** shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (301) 713-3242 or visit its website at <http://www.ngs.noaa.gov/>.

**Base map** information shown on this FIRM was provided in digital format by the Metropolitan Government of Nashville and Davidson County. This information was photogrammetrically compiled from aerial photography dated March 2008.

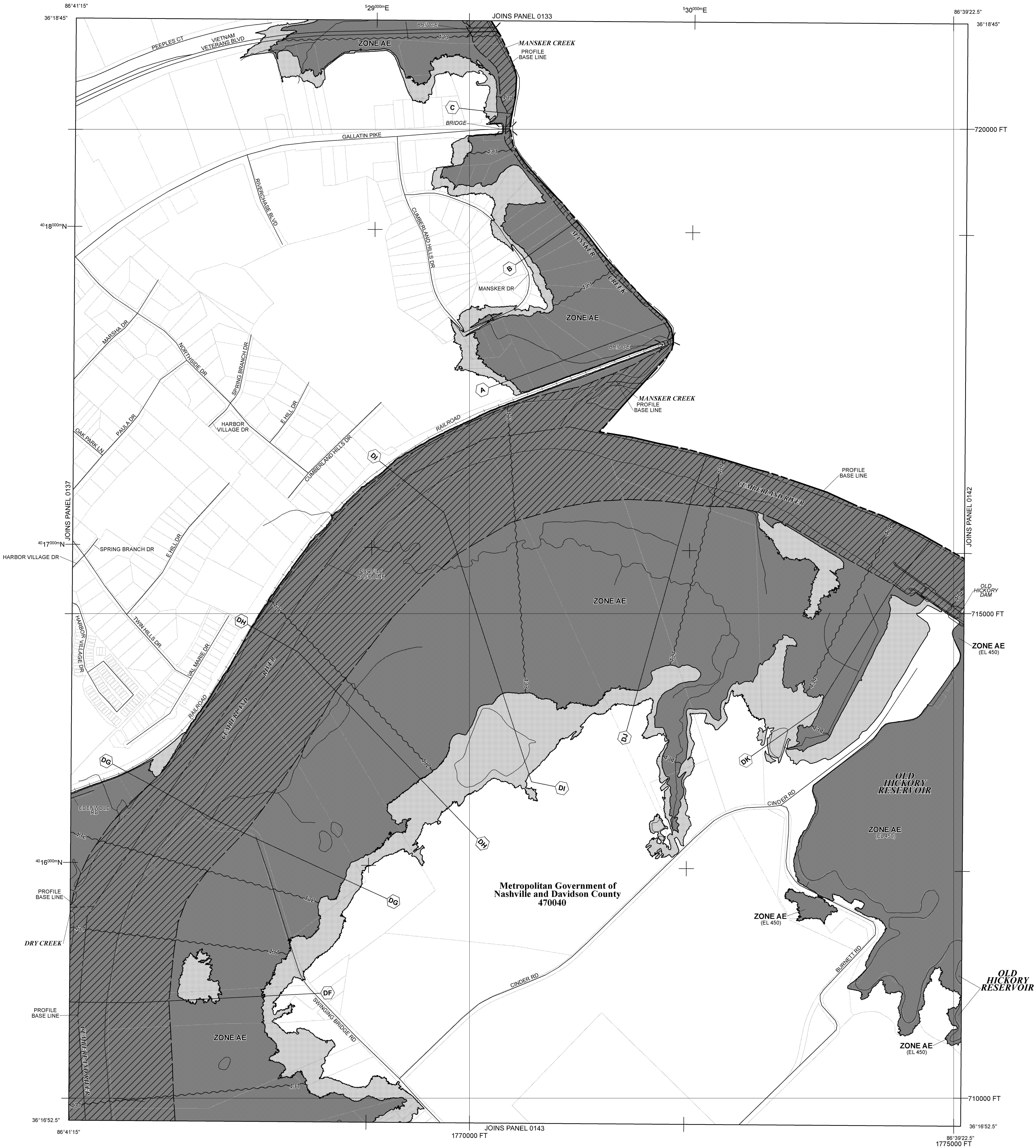
This map reflects more detailed and up-to-date **stream channel configurations** than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables in the Flood Insurance Study report (which contains authoritative hydraulic data) may reflect stream channel distances that differ from what is shown on this map.

**Corporate limits** shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed **Map Index** for an overview map of the county showing the layout of map panels; community map repository addresses; and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

For information and **questions about this map**, available products associated with this FIRM including historic versions of this FIRM, how to order products or the National Flood Insurance Program in general, please call the **FEMA Map Information eXchange** at 1-877-FEMA-MAP (1-877-336-2627) or visit the FEMA Map Service Center website at <http://mssc.fema.gov/>. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. Many of these products can be ordered or obtained directly from the website. Users may determine the current map date for each FIRM panel by visiting the FEMA Map Service Center website or by calling the FEMA Map Information eXchange.

The "profile base lines" depicted on this map represent the hydraulic modeling baselines that match the flood profiles in the FIS report. As a result of improved topographic data, the "profile base line", in some cases, may deviate significantly from the channel centerline or appear outside the SFHA.



LEGEND

**SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD**

The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

- ZONE A** No Base Flood Elevations determined.
- ZONE AE** Base Flood Elevations determined.
- ZONE AH** Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
- ZONE AO** Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
- ZONE AR** Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
- ZONE A99** Areas to be protected from 1% annual chance flood event by a Federal flood protection system under construction; no Base Flood Elevations determined.
- ZONE V** Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
- ZONE VE** Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

**FLOODWAY AREAS IN ZONE AE**

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

**OTHER FLOOD AREAS**

**ZONE X** Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

**OTHER AREAS**

**ZONE X** Areas determined to be outside the 0.2% annual chance floodplain.  
**ZONE D** Areas in which flood hazards are undetermined, but possible.

**COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS**

**OTHERWISE PROTECTED AREAS (OPAs)**

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

- Floodplain boundary
- Floodway boundary
- Zone D boundary
- CBRS and OPA boundary
- Boundary dividing Special Flood Hazard Area Zones and boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths, or flood velocities
- Base Flood Elevation line and value; elevation in feet\*
- Base Flood Elevation value where uniform within zone; elevation in feet\*
- \* Referenced to the North American Vertical Datum of 1988

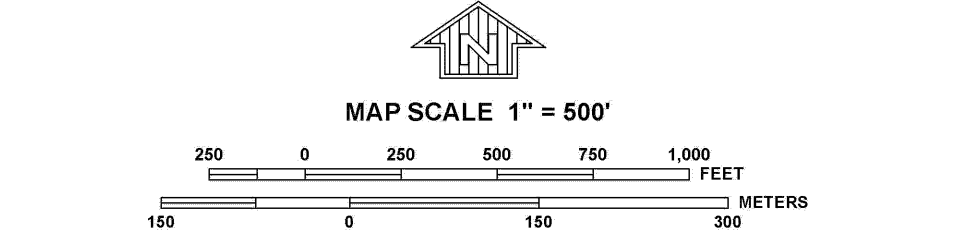
- Cross section line**
- Transect line**
- Geographic coordinates referenced to the North American Datum of 1983 (NAD 83), Western Hemisphere
- 1000-meter Universal Transverse Mercator grid ticks, zone 16
- 5000-foot grid values: Tennessee State Plane coordinate system (FIPSZONE = 4100), Lambert projection
- Bench mark (see explanation in Notes to Users section of this FIRM panel)
- River Mile
- MAP REPOSITORIES**
- Refer to Map Repositories list on Map Index
- EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP**
- APRIL 20, 2001

**EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL**  
November 21, 2002 – to decrease Base Flood Elevations, to add Base Flood Elevations, to change Special Flood Hazard Areas, to change Zone designations, to add roads and road names, and to remove the Sumner County portion of the City of Goodlettsville.

April 5, 2017 – to update corporate limits, to change Base Flood Elevations, to add Base Flood Elevations, to add Special Flood Hazard Areas, to change Special Flood Hazard Areas, to change zone designations, to add floodway, to add roads and road names, to incorporate previously issued Letters of Map Revision, to reflect updated topographic information

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620.



NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0141H

**FIRM**

FLOOD INSURANCE RATE MAP

METROPOLITAN GOVERNMENT OF

**NASHVILLE AND**

**DAVIDSON COUNTY,**

**TENNESSEE**

AND INCORPORATED AREAS

**PANEL 141 OF 478**

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY	470040	0141	H

Notice to User: The Map Number shown below should be used when placing map orders. The Community Number shown above should be used on insurance applications for the subject community.

**MAP NUMBER**  
**47037C0141H**

**MAP REVISED**  
**APRIL 5, 2017**

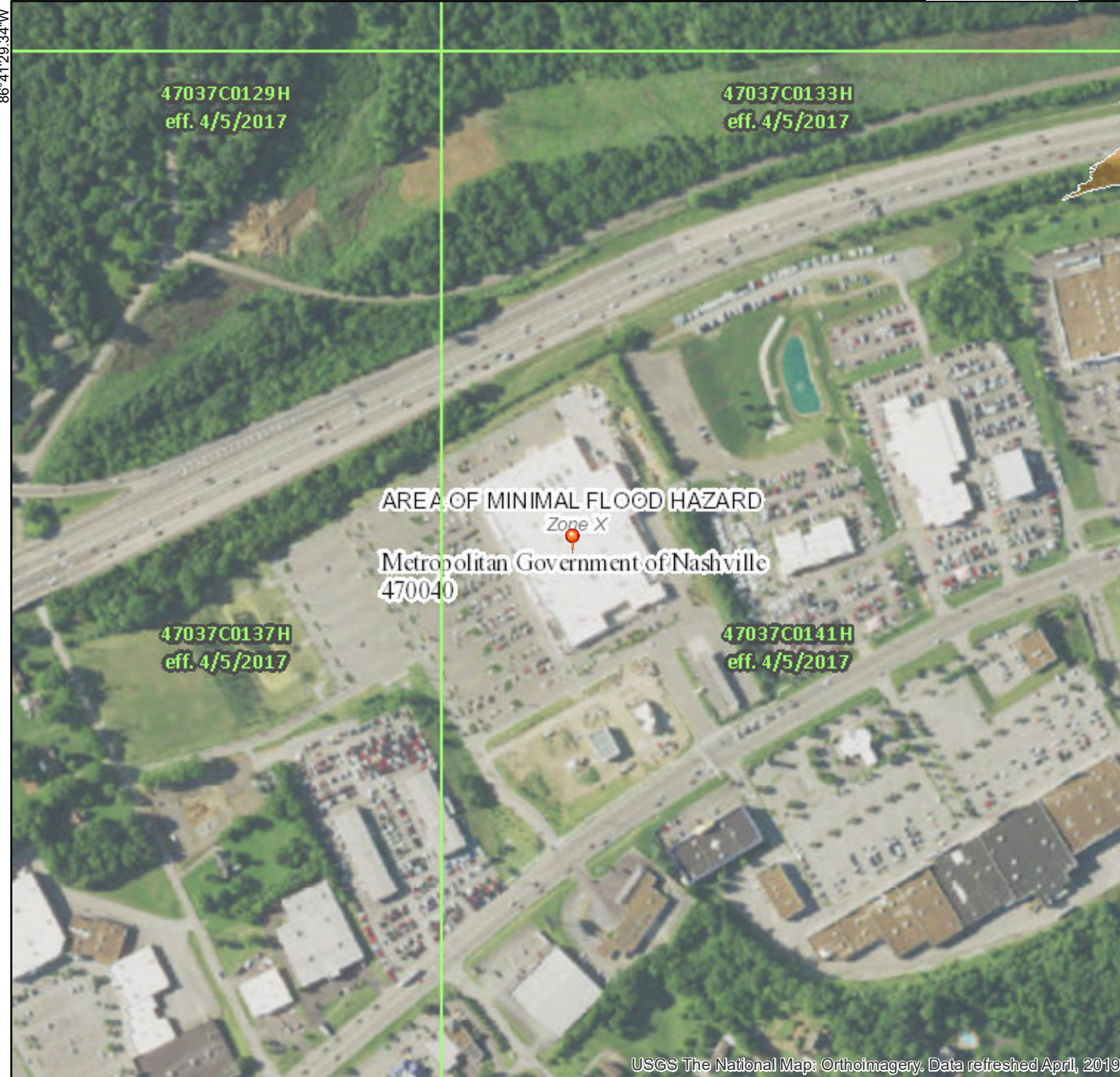
Federal Emergency Management Agency



# National Flood Hazard Layer FIRMette



36°18'46.37"N



0 250 500 1,000 1,500 2,000 Feet

1:6,000

36°18'17.37"N

## Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone D
		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5
		513 Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		Profile Baseline
		Hydrographic Feature
		Digital Data Available
		No Digital Data Available
		Unmapped



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **3/20/2020 at 12:54:41 PM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

86°40'51.88"W