OCT 18 2019

OFFICE NONMENTAL



# TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION

Division of Water Resources

Division of Water Resources

William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Avenue, 11th Floor, Nashville, Tennessee 37245 E DEPT OF

1-888-891-8332 (TDEC)

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

Site or Project Name	: 1917 LLC- Rock Spr	ings Road Commerci	al Property	NPDES Tracking Number: TNR	
Street Address or Location: northeast corner of Rock Springs Road and Stonecrest Blvd intersection in Smyrna, TN				ate: November 2019	
			intersection in Smyrna, TN	Estimated End Date	
Site Description: Site Grading For Future Commercial Development			Latitude (dd.dddd);	35.974	
			Longitude (-dd.dddd	Control of the Contro	
County(ies): Ruther	ford	MS4 Jurisdiction	Smyrna	Acres Disturbed:	6.8
		(if applicable):	Omyma	Total Acres:	6.8
If wetlands are located If an Aquatic Resource	box(s) if there are stream fon-site and may be imple Alteration Permit (ARAI	acted, attach wetlands of	delineation report.		Wetlands   NWAShall ENVIR
Receiving waters: Ro	ck Spring Branch				DOFFI
Attach the SWPPP wit	th the NOI: SWPPP	Attached 🔽	Attach a site location r	nap: Map Attac	Control of the Contro
over construction plans	r (Primary Permittee): (Is and specifications): 19	917, LLC			rol 000721201
For corporate entities of an incorrect SOS cont	only, provide correct Ten trol number may delay N	nessee Secretary of Sta Of processing)	ite (SOS) Control Number	o01013427	
Site Owner or Developer Contact Name: (individual responsible for site)			Title or Position: (the	party who signs the c	ertification below)
D. Edwin Davenport, Managing Member			Title or Position: (the party who signs the certification below)		
Mailing Address: 110 (	Glen Echo Drive		City: Smyrna	State: TN	ertification below) EPT ( CONSERTION 37167
Phone: (615) 355-70	50 Fax: (	)	E-mail: edavenport	@southernbankoftr	i.com
Optional Contact:			Title or Position:		
Mailing Address:			City:	State:	Zip:
Phone: ( )	Fax: (	)	E-mail:	**************************************	
Owner/Developer Cer	tification: (must be signe	d by president, vice-presi	ident or equivalent, or ran	king elected official) (P	rimary Permittee)
certify under penalty of lav	w that this document and all a did bellet, true, accurate, and conment. As specified in Tenr	attachments were prepared	by me, or under my direction	or supervision. The sub	mitted information is to the
Owner/Developer Name: (print/type) D. Edwin Davenport			Signature?		ate: 1/17/19
ontractor(s) Certifica	ntion: (must be signed by	president, vice-preside	int or equivalent, or ranki	ng elected official) (S	econdary Permittee)
accurate. I am aware that the strict of the	w that I have reviewed this do above and/or my inquiry of this NOI, if approved, makes by regulated. I am aware with these permit requirements	ne person directly responsit the above-described constru that there are sloulficant pe	ble for assembling this NOI a action activity subject to NPD naities, including the possibility	and SWPPP, I believe the DES permit number TNA:	e information submitted is 00000, and that certain of
Contractor name, addre	ess, and SOS control nur	nber (if applicable):	Signature:	D	ate:
Contractor name, address, and SOS control number (if applicable):			Signature:	D	ate:
FFICIAL STATE USE	ONLY				
eceived Date:	Reviewer:	Field Office:	Permit Tracking Number: TNR 243	8/3 Exception	onal TN Water:
ee(s):	T & E Aquatic Flora/Fauna:	SOS Corporate Status:	Waters with Unavailable Par		f Coverage Date;
I-0940 (Rev. 8-16)		•		······································	DOA 2266

	10/17/19 DATE DECHECK ARMOR
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Southern Bank OF TENNESSEE  FOR	OF TENNESSEE



# STORMWATER POLLUTION PREVENTION PLAN

Prepared for
1917 LLC- Rock Springs
Road Commercial Property
Smyrna, Rutherford County, Tennessee



# NPDES Construction General Permit Tracking No. TNR

# Site Location

At northeast corner of the intersection of Rock Springs Road and Stonecrest Blvd

# Owner/Developer

1917, LLC 110 Glen Echo Drive Smyrna, TN 37167

## Prepared By

Huddleston-Steele Engineering, Inc. c/o Stephen A. Steele 2115 NW Broad St Murfreesboro, TN 37129

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## Site Description

The project site is located on Rutherford County Tax Map 28, Part of Parcel 129.00. More specifically, the site is located on the northeast corner of the intersection of Rock Springs Road and Stonecrest Blvd in Smyrna. The entire 6.8± acre project site is currently vacant. The site will be graded for future commercial development. The future improvements will include roadway, storm drainage, sanitary sewer, potable water, and building construction. Currently, the site will be cleared and graded as shown on the plan.

# **Construction Activity**

In order to accomplish the project work, the following types of construction will occur:

- Initial erosion control measure installation, including placing SWPPP in mailbox
- Vegetation removal
- Topsoil stripping and stockpiling
- Site grading
- Erosion control measure removal and disposal

# Control Measures and Implementation

- The construction-phase erosion and sediment controls have been designed to retain mobilized sediment on site.
- All control measures must be properly 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 used inappropriately or incorrectly, the permittee must replace or modify the control for the specific site situation.
- If sediment escapes the construction site, off-site accumulations of sediment that have not reached a stream must be removed to minimize offsite impacts (e.g. sediment that has escaped the construction site and 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 Tennessee Department of Environment and Conservation Division of Water Pollution Control. This document does not authorize access to private property. Arrangements concerning the removal of sediment on adjoining property must be settled by the permittee with the adjoining land owner.
- Sediment should be removed from sediment traps, silt fences, sedimentation ponds, rock check dams, and other sediment controls as necessary, and must be removed when design capacity has been reduced by 50%.
- 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.

- 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.
   Areas where grading is complete 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 maintained on or near the site: the dates when major grading
  activities occur; the dates when construction activities temporarily or permanently cease on a
  portion of the site; the dates when stabilization measures are initiated; inspection records and
  daily rainfall records from the project site or a reference site.
- Upon completion of subdivision infrastructure, each residential building contractor must follow the SWPPP and inspection and record keeping requirements of this document.

## Stabilization Practices

Stabilization measures shall be installed as shown on the drawings.

- 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 15 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 is precluded by snow cover or frozen ground conditions, stabilization measures shall be initiated as soon as practicable; or 2) where construction activity on a portion of the site is temporarily ceased, and earth disturbing activities will be resumed within 15 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 15 days after final
  grading or other earthwork. Permanent stabilization with perennial vegetation or other noneroding surface, as specified on the drawings and specifications, shall replace any temporary
  measures as soon as practicable. Unpacked gravel containing fines or crusher runs are not to be
  considered a non-eroding surface.

#### **Construction Sequence**

- Establish Stabilized Construction Entrance and place SWPPP in mailbox at entrance;
- Install Silt Fence at grading limits where shown on Erosion Prevention & Sediment Control Plan;
- Clear, grub, and mass grade the site, including proposed sediment basin(s);
- Place erosion control devices, including channel protection and any remaining silt fences as shown on Erosion Prevention & Sediment Control Plan;
- Complete remaining site improvements;
- Remove erosion protection devices after the site has been permanently stabilized.

All proposed grading operations shall be in accordance with the storm water runoff controls presented in Section 2 of this Plan. The intent of the Storm Water Pollution Prevention Plan is to minimize the disturbance to the site and the surrounding areas.

#### Area of Disturbance

The total area of the project site is 6.8± acres. As part of these improvements, excavation and grading will disturb the entire 6.8± acres. The construction plans detail these activities and are included in the construction documents. The developer's grading contractor will be responsible for the installation and maintenance of erosion control measures.

# Slopes and Existing Topography

The existing site has slopes ranging from 1% to 3%. The existing topography indicates that the site drains generally south toward Rock Spring Branch.

# Soil Types

The soil information is taken from the Soil Survey of Rutherford County, Tennessee, dated July 1977. The following soil types are present on this site:

- Ea Eagleville silty clay loam
- GRC Gladeville-Rock outcrop
- TrC Talbott-Barfield-Rock

# **Runoff Curve Number**

Currently the site is vacant and no additional imperious is being proposed at this time.

#### **Outfall Points and Erosion Measures**

The site drains south into existing drainage infrasturcture. The erosion control measures to be employed at a minimum are indicated on the enclosed Erosion Prevention & Sediment Control Plans.

# **Industrial Activities**

There are currently no industrial activities taking place at this site. In addition, there are no industrial activities proposed as part of this project.

#### **Alteration of Waters**

No alteration of waters is proposed.

## Receiving Stream and Wetlands

The site drains south toward to Rock Spring Branch. No wetlands have been identified on this site.

#### Erosion Control Measures for Property to be Sold

This site is being prepared for a future commercial development. The developer's grading contractor (primary contractor) will be responsible for the installation and maintenance of erosion

control measures for the entire project. The developer will continue to retain ownership of the property at this time.

# Construction Phase (for sites over 50 acres)

This site is less than 50 acres.

#### **Post Construction Measures**

After the proposed development work and permanent stabilization of the disturbed area is complete, silt fencing and other removable erosion control measures shall be removed and properly disposed of. All other post construction stormwater management controls shall be maintained in accordance with the current requirements of the appropriate governing agency(ies).

# Materials Stored on site and Associated Erosion Control Measures

Materials that are expected to be stored on site include those typically found on a commercial building site. These may include:

- Stockpiled topsoil
- · 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.

To the best of our knowledge, there are no known legally protected state or federally listed threatened or endangered aquatic fauna and/or critical habitat within the site. If it is determined that these types fauna and/or habitats do exist within the site, appropriate measures shall be taken to ensure these species are not adversely affected.

### Storm Water from Areas outside Construction Limits

The following non-storm water discharges are authorized under the general permit and may occur during the project work:

- Dewatering of work areas of collected stormwater and groundwater;
- Water used to wash vehicles;
- Water used to control dust;
- Uncontaminated groundwater or spring water;

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

# Offsite Erodible Materials Storage

There are no known offsite materials storage areas.

# Stabilization and Implementation 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 include, but are not limited to the following:

- Silt fences
- Construction exit
- Drainage swales and/or diversion swales
- Erosion control (turf reinforcement) matting

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.

# Calculations and Basin Volumes

No additional impervious area is proposed at this time.

#### Storm Water Runoff Controls

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 project include the final stabilization of graded areas. All graded areas shall receive erosion control fabric for those slopes specified on the drawings and all disturbed areas are to receive seeding and straw mulch in accordance with the appropriate drawings and/or specifications.

## Maintenance

The site operator, listed as the Construction Manager at the end of this section, is responsible for ensuring 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.

#### Inspections

Inspector Training and Certification

The inspector shall qualify as having met the criteria as required by the State of Tennessee, including successfully completing the "Fundamentals of Erosion Prevention and Sediment Control" course.

#### Schedule of Inspections

A site assessment for quality assurance of erosion prevention and sediment controls shall be performed at the site preferably before construction begins, but in no case greater than a month from construction commencing at the site. The site assessment shall be performed by a licensed professional engineer or landscape architect, a Certified Professional In Erosion and Sediment Control, or a person who has successfully completed the level II Design Principles for Erosion Prevention and Sediment Control for construction Sites course.

At a minimum, the site assessment shall be performed to verify the installation, functionality and performance of the EPSC measures described herein. Any inadequate control measures must be replaced, modified, or repaired by the contractor within 7 days of their finding. The assessment shall be performed with the site inspector and shall include a review and update of the SWPPP as necessary. Updating will require the efforts of a qualified professional. Findings shall be documented and kept with the SWPPP at the site.

Inspections shall be done at least twice every calendar week. Inspections shall also be performed at least 72 hours apart. When the site (or portions thereof) 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 inspections only have to be conducted once per month until thawing results in runoff or construction activity resumes. Written notification and justification of the intent to conduct only monthly inspections must be submitted to the local Environmental Field Office. Inspection requirements do not apply to definable areas that have been finally stabilized.

The inspector shall check 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.

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 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.

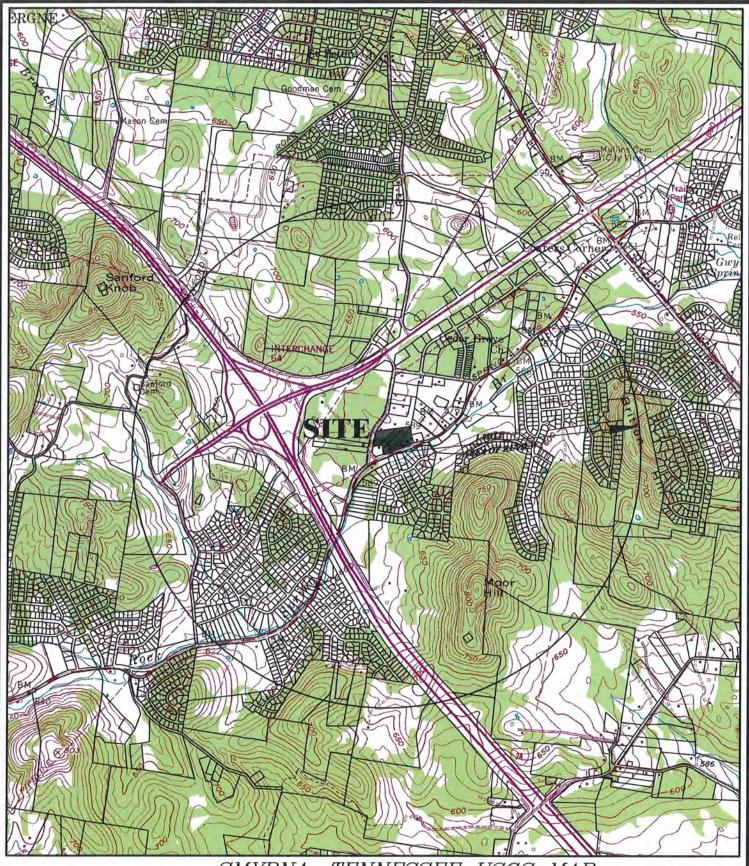
Inspections shall be documented and include the following:

- The scope of the inspection;
- Name(s) and title or qualification of personnel making the inspection;
- The date(s) of the inspection;
- 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 of this Plan.

# 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.

Developer: 1917, LLC; D	. Edwin Davenport, Managing M	ember
Managing Member	XN Zhan	x10/17/1
Title	Signature	Date '
Construction Manager:		
Title	Signature	Date
ADDITIONAL SUB-CONT	RACTORS	
Company:		
Title	Signature	Date
Company:		4
Title	Signature	Date
Company:		
Title	Signature	Date
Company:	and the	
Title	Signature	Date



SMYRNA, TENNESSEE USGS MAP

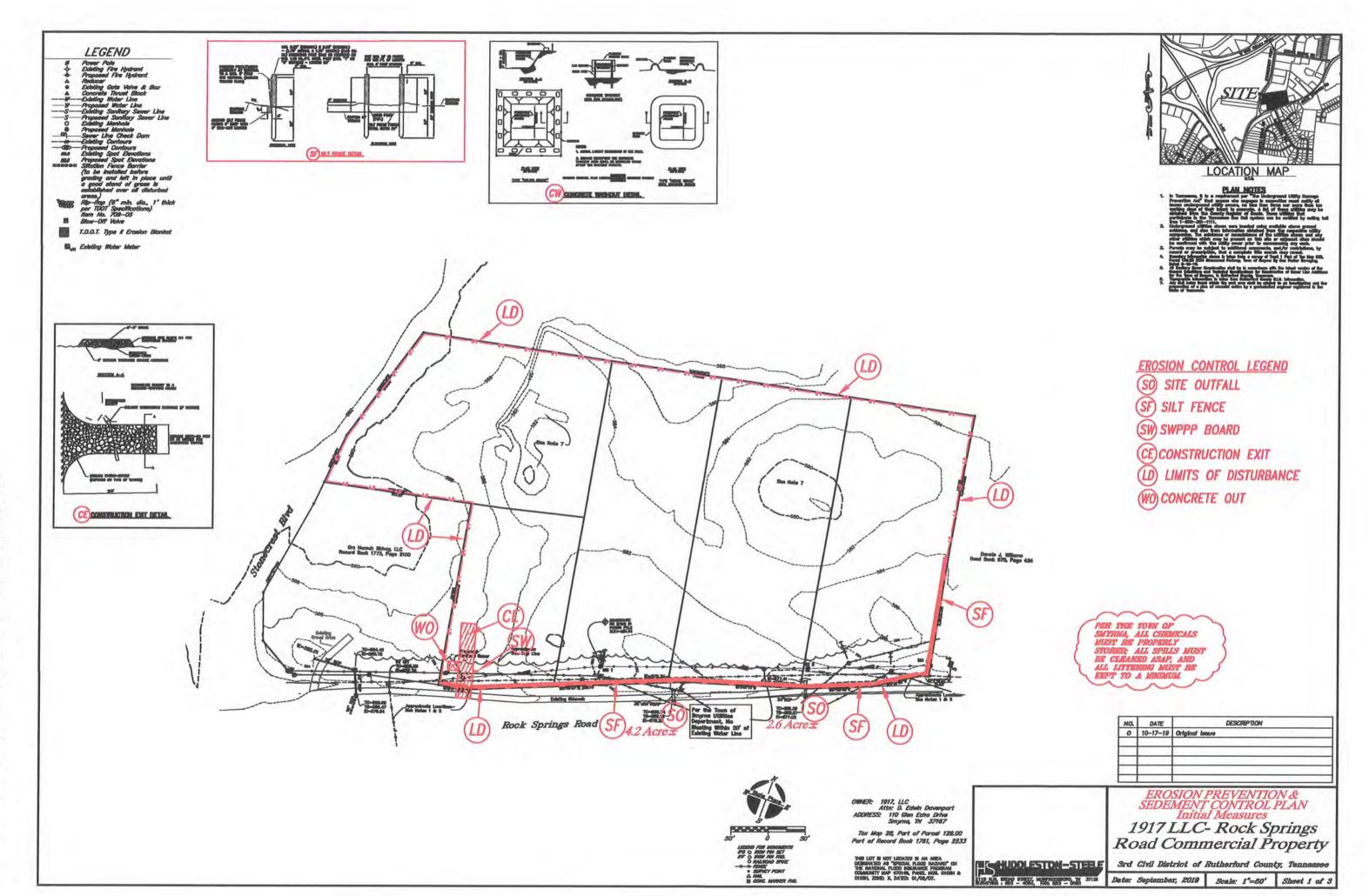
1917 LLC— Rock Springs Road Commercial Property

3rd CIVIL DISTRICT - RUTHERFORD COUNTY - TENNESSEE

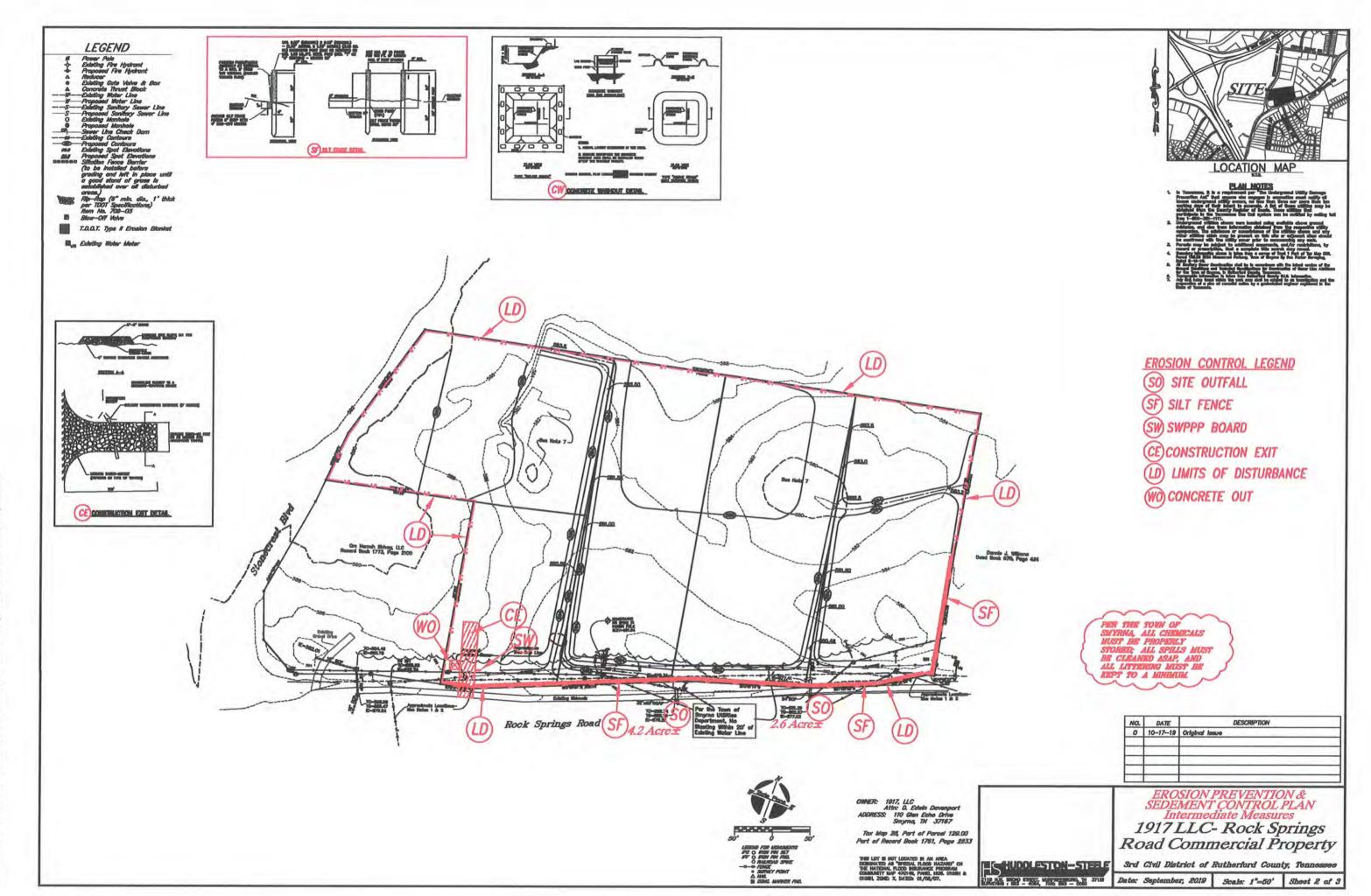
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# APPENDIX D Erosion Prevention and Sediment Control Plan Erosion Control Details

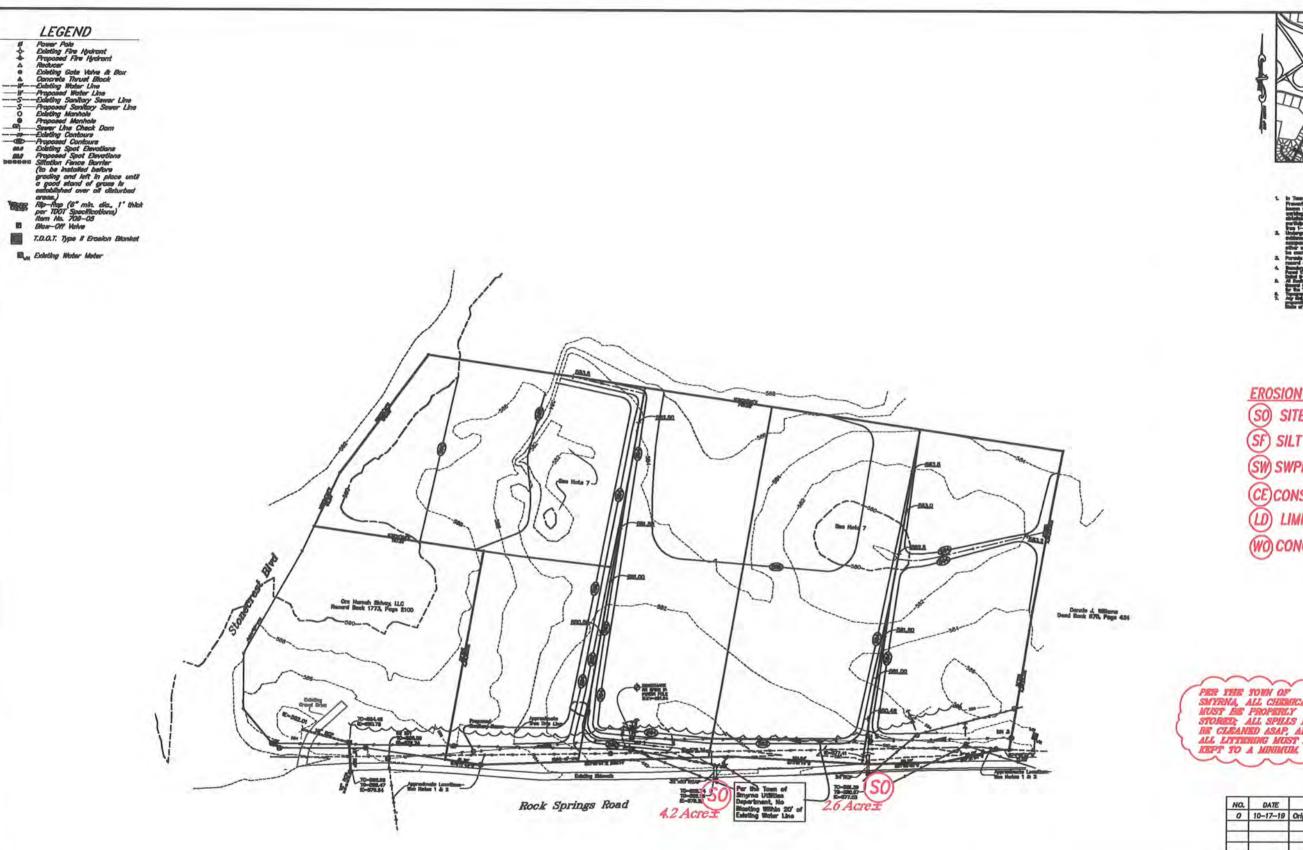


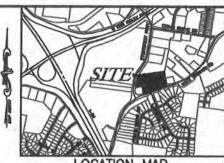
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EROSION CONTROL LEGEND

(SO) SITE OUTFALL

(SF) SILT FENCE

SW SWPPP BOARD

(CE)CONSTRUCTION EXIT

(LD) LIMITS OF DISTURBANCE

(WO) CONCRETE OUT

PER THE TOWN OF SMYRNA, ALL CHEMICALS MUST BE PROPERLY STORED; ALL SPILLS MUST BE CLEANED ASAP, AND

DATE	DESCRIPTION	
10-17-19	Original Issue	
		DATE DESCRIPTION  10-17-19 Original Issues



Tax Map 28, Part of Parcel 129.00 Part of Record Book 1761, Page 2233

EROSION PREVENTION & SEDEMENT CONTROL PLAN Final Measures
1917 LLC- Rock Springs
Road Commercial Property

3rd Civil District of Rutherford County, Tennessee

Date: September, 2019 Scale: 1"=50' Sheet 3 of 3