



TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION

Division of Water Pollution Control

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)

Form containing fields for Site or Project Name, NPDES Tracking Number, Street Address, Site Description, County, MS4 Jurisdiction, Construction dates, and various certification sections for Owner/Developer and Contractor(s).

Handwritten blue stamp: RECEIVED 2010 NOV 28 11:21 AM

OFFICIAL STATE USE ONLY

Summary table with columns: Received Date, Reviewer, Field Office, Permit Number, Exceptional TN Water, Fee(s), T & E Aquatic Flora/Fauna, SOS Corporate Status, Waters with Unavailable Parameters, Notice of Coverage Date.

**URBAN HOUSING SOLUTIONS, INC.**

822 WOODLAND STREET  
NASHVILLE, TN 37206

05-06  
**RENASANT BANK**  
1820 WEST END AVENUE  
NASHVILLE, TN 37203

33518

65-129/842

11/13/2018

PAY TO THE  
ORDER OF TDEC

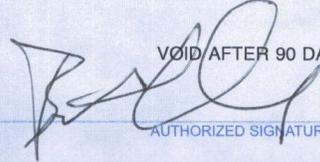
\$ \*\*250.00

Two Hundred Fifty and 00/100\*\*\*\*\*

DOLLARS

TDEC

VOID AFTER 90 DAYS



AUTHORIZED SIGNATURE

MEMO

NOI Fee, Grading Permit



Security features included. Details on back.

MP



# **Storm Water Pollution Prevention Plan**

PREPARED FOR:

**26<sup>TH</sup> & CLARKSVILLE APARTMENTS  
PHASE 3  
26<sup>TH</sup> AVE & CLARKSVILLE PIKE  
NASHVILLE, TN 37208**

Davidson County

Prepared By

***KLOBER ENGINEERING SERVICES***  
**3556 Tom Austin Hwy, Suite 7**  
**Springfield, Tennessee 37172**  
**(615) 382-2000**

October 22, 2018

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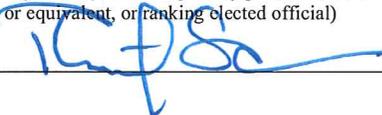
**GENERAL INFORMATION**

This Storm Water Pollution Prevention Plan (SWPPP) is developed in accordance with the Tennessee General NPDES Permit (TNR 100000) for Storm Water Discharges Associated with Construction Activity (TNCGP), and is prepared using sound engineering practices. Klobber Engineering Services personnel involved with the development of this plan have completed the *Fundamentals of Erosion Prevention and Sediment Control Workshop* available from the State of Tennessee.

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

Owner/Developer: 2125 26th Ave N Holdings GP, LLC  
 Name: Rusty Lawrence, President  
 Address: 822 Woodland Street  
 Nashville, TN 37206

I certify under penalty of law that this document and all attachments were prepared under my direction and 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 there are significant penalties for submitting false information, including the possibility for fine and imprisonment for knowing violations

Representative of owner/developer and title: print or type	Signature (must be signed by president, V.P. or equivalent, or ranking elected official)	Date:
Rusty Lawrence, President		11/15/18

Primary Contractor:

I certify under penalty of law that I have reviewed this document and any attachments. Based on my inquiry of the construction site, owner/developer identified above, and/or my inquiry of the person directly responsible for assembling this Storm Water Pollution Plan, I believe the information submitted is accurate. I am aware that this Plan, 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.

Company name of private contractor: print or type	Signature (must be signed by president, V.P. or equivalent.)	Date:

The individual responsible for installation, maintenance, and inspection of erosion and sediment control measures is a certified EPSC and representative of the primary contractor. The contractor is aware of the stipulations for maintenance and inspection detailed in this manuscript and the TDEC regulations that must be upheld.

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

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

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

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

## **QUALITY ASSURANCE SITE ASSESSMENT**

Quality assurance of erosion prevention and sediment controls shall be done by performing site assessment at the construction site. The site assessment shall be conducted at each outfall involving drainage totaling 10 or more acres or 5 or more acres if draining to an impaired or exceptional quality waters, 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 this SWPPP. The site assessment should be performed with the inspector, and should include a review and update (if applicable) of this SWPPP. Modifications of plans and specifications for any building or structure, including the design of sediment basins or other sediment controls involving structural, hydraulic, hydrologic or other engineering calculations shall be prepared by a licensed professional engineer or landscape architect and stamped and certified in accordance with the Tennessee Code Annotated, Title 62, Chapter 2 and the rules of the Tennessee Board of Architectural and Engineering Examiners.

The site assessment findings shall be documented and the documentation kept with this 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.

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.

## **EXISTING SITE CONDITIONS**

The existing site is currently developed with multiple residential buildings. Runoff is conveyed by existing stormwater control measures and sheet flow to an existing outfall as shown on MP-3. The phase 2 aspect of the site was previously permitted under permit No. TNR242282. A brief description of each soil that was taken for the Soil Survey of Davidson County, Tennessee and the online resource Web Soil Survey at <http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx> is listed below and is located on the soil map MP-2. Outfall points are identified on sheet MP-3.

### **Davidson County, Tennessee**

**Map Unit:** MsD—Mimosa-Urban land complex, 2 to 15 percent slopes

**Component:** Mimosa (50%)

The Mimosa component makes up 50 percent of the map unit. Slopes are 2 to 15 percent. This component is on hillslopes on basins. The parent material consists of clayey residuum weathered from limestone. Depth to a root restrictive layer, bedrock, lithic, is 39 to 59 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 4e. This soil does not meet hydric criteria. There are no saline horizons within 30 inches of the soil surface.

**Component:** Urban land (40%)

Generated brief soil descriptions are created for major soil components. The Urban land is a miscellaneous area.

## **PROJECT DESCRIPTION**

The intent of this project is to construct a multifamily residential building along with a smaller building and proposed parking. The maximum disturbed area as shown on MP-3 is 2.76 acres with a total site area of 5.63 acres. Stormwater runoff will be directed to existing stormwater control measures as well as bio-retention ponds on the west and southwest side of the site before being discharge into an existing outfall at the southwest corner of the site. The project is located at the southwest intersection of 26<sup>th</sup> Ave & Clarksville Pike, Nashville, TN 37208. The stormwater BMP's are listed below and are to be installed as per TDEC regulations and standards. The BMP's are shown on drawings MP-3 and MP-4.

### **BMP's to be Utilized on Site:**

All BMP's to be installed and maintained as per the most current edition of the TDEC Erosion and Sediment Control Handbook. EPSCs have been designed to control the rainfall and runoff from a 2 year, 24 hour return interval storm.

- SF – Silt Fence (Type A)
- CE – Construction Entrance
- CW – Concrete Washout
- SO – Sod
- RE – Rolled Erosion Control Matting
- MU – Mulch
- SS – Seed & Straw

### **Maintenance & Inspection:**

The intent of a SWPPP is to produce a site that mitigates the quantity of erosion and “polluted” runoff. The BMP's shown on sheets MP-3 and MP-4 shall be installed as per TDEC Erosion and Sediment Control Handbook. The BMP's shall be inspected prior to every storm event, when possible, and after all storm events. Upon these inspections if the repair, removal, or modification is necessary the BMP's must be replaced immediately. In the event that the replacement of the BMP's cannot take place immediately the issue must be resolved within 7 days.

The inspections completed on site must be conducted by an inspector that has successfully completed the “Fundamentals of Erosion Prevention and Sediment Control” or equivalent course. A copy of the inspector's certification or training record must be kept on site at all times. Inspections shall occur at a minimum of twice a week with the inspection occurring more than 72 hours apart. A written record shall be kept on the form attached in Appendix C. Construction inspections shall occur at least once a month on areas that have been permanently stabilized. Additionally, all inspection and maintenance regulations are as written in the Tennessee General Stormwater Permit Sections 3.5.7 & 3.5.8.

### **303(d) SPECIAL REQUIREMENTS**

In order to maintain the appropriate levels of runoff control every month qualified personnel will conduct a visual inspection of the property to insure that all erosion control measures are being properly maintained and are effective. Also, upon the occurrence of a storm event of 0.5 inches or greater an inspection is to be conducted within 24 hours. If during these inspections repair and /or maintenance are needed then these actions must be documented.

In the case that the specified erosion control measures are deemed ineffective then Klobber Engineering Services is responsible for making the necessary revisions to the plans and the contractor is responsible for implementing these revisions.

The monthly inspection report is located in appendix C.

### **SAFE DAMS ACT INFORMATION**

No elements of this project meet the definition of 'dams' as found in Chapter 1200-5-7 of the Rules of the Department of Environment and Conservation, Division of Water Supply, concerning the Safe Dams Act of 1973. Therefore, no certification is required for construction.

### **SPILLS AND NON-STORM WATER CONTINGENCIES**

All fueling of equipment and vehicles on-site will be conducted at a future designated location. Any spillage will be removed immediately. Contaminated soils will be placed in heavy plastic and covered or placed into approved containers to prevent contact with storm water. All fuel tanks will be in the designated area. Oils, other vehicle fluids, paints and solvents will be stored in the construction trailer. Any spill in excess of two gallons will be reported to a senior representative of the primary contractor as notified previously in this document. A spill response contractor will be designated prior to any construction activity.

**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 shall immediately notify the permittee who shall then do the following: notify the National Response Center (NRC) (800-424-8802) and the Tennessee Emergency Management Agency (TEMA) (emergencies: 800-262-3300; non-emergencies: 800-262-3400); as well as the local FIELD OFFICE.** Also, Klobber Engineering Services will prepare a revision of this document to identify measures to prevent the reoccurrence of such releases.

Concrete trucks shall wash out at the designated area near the construction entrance. Each contractor is responsible to provide litter control for trash generated by his crew. Each contractor shall collect trash and properly dispose of it in an approved solid waste landfill

per federal, state, and local requirements. Paint cans, oil cans, used oil, and filters will be contained and disposed of by the contractor by taking them to an approved Hazardous Waste Disposal Center per federal, state, and local requirements.

## **PHASING OF CONSTRUCTION**

All erosion prevention and sediment control best management practices identified in this SWPPP will be installed as recommended in the most current edition of the Tennessee Erosion and Sediment Control Handbook.

## **SEQUENCING OF CONSTRUCTION**

1. Sediment and Erosion Control Structures will be placed at this time. These BMPs are to prevent any sediment from leaving the site. Temporary silt fencing will be installed in the designated areas of the construction boundary as indicated on the Erosion Control Plan (MP-3). Also, any detention areas shown will be installed at this time which will be sediment basins until construction is completed.
2. Removed topsoil will be stockpiled and immediately seeded per the Stabilization Plan (Appendix D). The topsoil stockpile shall be in a designated location and encompassed by a silt fence.
3. The next construction activity to be completed is grading work. This grading will be completed in order to bring the site to a grade that is suitable proper drainage. All cross drains, headwalls, and all outlet protection will be installed in order to provide adequate cross drainage.
4. All slopes and ditches will be seeded and stabilized with turf reinforcement matting (North American Green C125 or S150). Overall seeding, sodding and matting for all grassed sloped areas will be in general compliance with The Tennessee Erosion and Sediment Control Handbook and as presented within the Stabilization Plan (Appendix D) to prevent disturbance.
5. Sediment will be removed from rock silt screens, silt fences, straw bale checks and other sediment controls before design capacity of the structure has been reduced by 50%. Litter, construction debris, and construction chemicals exposed to storm water will 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, rock silt screens, and straw bale checks will be removed or otherwise prevented from becoming pollutant source for storm water discharges. Temporary measures may be removed at the beginning of the workday, but will be replaced at the end of the workday.
6. Stabilization will be accomplished as soon as practicable after attainment of final grade and no later than seven days after attaining final grade. Where earth-disturbing activity has temporarily ceased, temporary stabilization will be applied within 7 days if the activity will not resume within 15 days. The dates when major grading activities occur, the dates when construction activities temporarily or permanently cease on a portion of the site, and dates when stabilization measures

are initiated will be recorded and maintained on site. Stabilization methods are outlined in the Stabilization Plan (Appendix D and sheet MP-4) and may include seed and mulch, or seed and erosion control blankets as identified.

**APPENDIX A**

**Notice of Intent (NOI)**



TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION

Division of Water Pollution Control

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)

Form containing fields for Site or Project Name, NPDES Tracking Number, Street Address, Site Description, County, MS4 Jurisdiction, Construction dates, Site Owner/Developer Entity, Contact Information, and Certifications.

OFFICIAL STATE USE ONLY

Table with 5 columns: Received Date, Reviewer, Field Office, Permit Number, Exceptional TN Water, Fee(s), T & E Aquatic Flora/Fauna, SOS Corporate Status, Waters with Unavailable Parameters, Notice of Coverage Date.

## CONSTRUCTION GENERAL PERMIT - NOTICE OF INTENT (NOI) - INSTRUCTIONS

A completed NOI must be submitted to obtain coverage under the CGP. **Requesting coverage under this permit means that an applicant has obtained and examined a copy of this permit, and thereby acknowledges applicant's claim of ability to be in compliance with permit terms and conditions.** CGP coverage is required for stormwater (SW) discharge(s) from construction activities including clearing, grading, filling and excavating (including borrow pits) of one or more acres of land. This form should be submitted at least 30 days prior to the commencement of land disturbing activities, or no later than 48 hours prior to when a new operator assumes operational control over site specifications or commences work at the site.

The application fee must accompany the NOI and is based on total acreage to be disturbed by an entire project, including any associated construction support activities (e.g., equipment staging yards, material storage areas, excavated material disposal areas, borrow or waste sites, etc.). A separate annual maintenance fee is also required for activities that exceed 1 year under CGP coverage. See TN Rules, Chapter 0400-40-11-.02(b)(12)).

Acres Disturbed	= or > 150 acres	= or > 50 < 150 acres	= or > 20 < 50 acres	= or > 5 < 20 acres	= or > 1 < 5 acres	Subsequent coverage
Fee	\$10,000	\$6,000	\$3,000	\$1,000	\$250	\$100

Who must submit the NOI form? All site operators must submit an NOI form. "Operator" for the purpose of this permit and in the context of SW associated with construction activity means any person associated with a construction project who meets either or both of the following two criteria: (1) The person has operational or design control over construction plans and specifications, including the ability to make modifications to those plans and specifications. This person is typically the owner or developer of the project or a portion of the project (e.g., subsequent builder), or the person that is the current land owner of the construction site, and is considered the primary permittee; or (2) The person has day-to-day operational control of those activities at a project which are necessary to ensure compliance with a SWPPP for the site or other permit conditions. This person is typically a contractor or a commercial builder who is hired by the primary permittee, and is considered a secondary permittee.

Owners, developers and all contractors that meet the definition of the operator in subsection 2.2 of the permit shall apply for permit coverage on the same NOI, insofar as possible. After permit coverage has been granted to the primary permittee, any subsequent NOI submittals must include the site's previously assigned permit tracking number and the project name. The comprehensive site-specific SWPPP shall be prepared in accordance with the requirements of part 3 of the permit and must be submitted with the NOI unless the NOI being submitted is to only add a contractor (secondary permittee) to an existing coverage. Artificial entities (e.g., corporations or partnerships) must submit the Tennessee Secretary of State, Division of Business Services, control number. The division reserves the right to deny coverage to artificial entities that are not properly registered and in good standing with the Tennessee Secretary of State.

Notice of Coverage: The division will review the NOI for completeness and accuracy and prepare a notice of coverage (NOC). SW discharge from the construction site is authorized as of the effective date of the NOC.

Complete the form: Type or print clearly. Answer each item or enter "NA," for not applicable. If you need additional space, attach a separate piece of paper to the NOI form. **The NOI will be considered incomplete without a permit fee, a map, and the SWPPP.**

Describe and locate the project: Use the legal or official name of the construction site. If a construction site lacks street name or route number, give the most accurate information available to describe the location (reference to adjacent highways, roads and structures; e.g., intersection of state highways 70 and 100). Latitude and longitude (in decimal degrees) can be found at numerous other web sites. Attach a copy of a map, showing location of site, with boundaries at least one mile outside the site boundaries. Provide estimated starting date of clearing activities and completion date of the project, and an estimate of the number of acres of the site on which soil will be disturbed, including borrow areas, fill areas, stockpiles and the total acres. For linear projects, give location at each end of the construction area.

Name of the receiving waters: Trace the route of SW runoff from the site and determine the name of the water course(s) into which the stormwater runoff drains. Note that the receiving water course may or may not be located on the construction site. If the first water body receiving construction site runoff is unnamed ("unnamed tributary"), determine the name of the water body that the unnamed tributary enters.

An ARAP may be required: **If your work will disturb or cause alterations of a stream or wetland, you must obtain an appropriate Aquatic Resource Alteration Permit (ARAP).** If you have a question about the ARAP program, contact your local Field Office (EFO).

Submitting the form and obtaining more information: Note that this form must be signed by the company President, Vice-President, or a ranking elected official in the case of a municipality, for details see subpart 2.5. For more information, contact your local EFO at the toll-free number 1-888-891-8332 (TDEC). Submit the completed NOI form (keep a copy for your records) to the appropriate EFO for the county(ies) where the construction activity is located, addressed to **Attention: Stormwater NOI Processing.**

EFO	Street Address	Zip Code	EFO	Street Address	Zip Code
Memphis	8383 Wolf Lake Drive, Bartlett	38133-4119	Cookeville	1221 South Willow Ave.	38506
Jackson	1625 Hollywood Drive	38305-4316	Chattanooga	1301 Riverfront Parkway, Suite 206	37402
Nashville	711 R S Gass Boulevard	37243	Knoxville	3711 Middlebrook Pike	37921
Columbia	1421 Hampshire Pike	38401	Johnson City	2305 Silverdale Road	37601

**APPENDIX B**

**Notice of Termination (NOT)**

To be completed and submitted to the local FIELD OFFICE when all construction and stabilization activities have been completed and stabilization measures are effective, or if an operator's responsibilities at this site have ended.



**TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION (TDEC)**

Division of Water Resources

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

**Notice of Termination (NOT) for General NPDES Permit for Stormwater Discharges from Construction Activities (CGP)**

This form is required to be submitted when requesting termination of coverage from the CGP. The purpose of this form is to notify the TDEC that either all stormwater discharges associated with construction activity from the portion of the identified facility where you, as an operator, have ceased or have been eliminated; or you are no longer an operator at the construction site. Submission of this form shall in no way relieve the permittee of permit obligations required prior to submission of this form. Please submit this form to the local DWR Environmental Field Office (EFO) address (see table below). For more information, contact your local EFO at the toll-free number 1-888-891-8332 (TDEC).

**Type or print clearly, using ink.**

<b>Site or Project Name:</b>	<b>NPDES Tracking Number: TNR</b>
Street Address or Location:	County(ies):

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

**Check the reason(s) for termination of permit coverage:**

<input type="checkbox"/>	Stormwater discharge associated with construction activity is no longer occurring and the permitted area has a uniform 70% permanent vegetative cover OR has equivalent measures such as rip rap or geotextiles, in areas not covered with impervious surfaces.
<input type="checkbox"/>	You are no longer the operator at the construction site (i.e., termination of site-wide, primary or secondary permittee coverage).

**Certification and Signature:** (must be signed by president, vice-president or equivalent ranking elected official)

<p>I certify under penalty of law that either: (a) all stormwater discharges associated with construction activity from the portion of the identified facility where I was an operator have ceased or have been eliminated or (b) I am no longer an operator at the construction site. I understand that by submitting this notice of termination, I am no longer authorized to discharge stormwater associated with construction activity under this general permit, and that discharging pollutants in stormwater associated with construction activity to waters of the United States is unlawful under the Clean Water Act where the discharge is not authorized by a NPDES permit. I also understand that the submittal of this notice of termination does not release an operator from liability for any violations of this permit or the Clean Water Act.</p> <p>For the purposes of this certification, elimination of stormwater discharges associated with construction activity means that all stormwater discharges associated with construction activities from the identified site that are authorized by a NPDES general permit have been eliminated from the portion of the construction site where the operator had control. Specifically, this means that all disturbed soils at the portion of the construction site where the operator had control have been finally stabilized, the temporary erosion and sediment control measures have been removed, and/or subsequent operators have obtained permit coverage for the site or portions of the site where the operator had control.</p> <p>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.</p>		
Permittee name (print or type):	Signature:	Date:

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

**APPENDIX C**

**Inspection Report**



**TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION (TDEC)**

Division of Water Resources

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

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

**Construction Stormwater Inspection Certification (Twice-Weekly Inspections)**

<b>Site or Project Name:</b>		<b>NPDES Tracking Number: TNR</b>
Primary Permittee Name:		Date of Inspection:
Current approximate disturbed acreage:	Has rainfall been checked/documented daily? Yes      No	Name of Inspector:
Current weather conditions:		Inspector's Training Certification Number:

**Please check the box if the following items are on-site:**

Notice of Coverage (NOC)     
  Stormwater Pollution Prevention Plan (SWPPP)     
  Twice-weekly inspection documentation  
 Site contact information     
  Rain Gage     
  Off-site Reference Rain Gage Location: \_\_\_\_\_

**Best Management Practices (BMPs):**

**Are the Erosion Prevention and Sediment Controls (EPSCs) functioning correctly:** If "No," describe below in Comment Section

1. Are all applicable EPSCs installed and maintained per the SWPPP?	Yes	No
2. Are EPSCs functioning correctly at all disturbed areas/material storage areas per section 4.1.5?	Yes	No
3. Are EPSCs functioning correctly at outfall/discharge points such that there is no objectionable color contrast in the receiving stream, and no other water quality impacts per section 5.3.2?	Yes	No
4. Are EPSCs functioning correctly at ingress/egress points such that there is no evidence of track out?	Yes	No
5. If applicable, have discharges from dewatering activities been managed by appropriate controls per section 4.1.4? If "No," describe below the measures to be implemented to address deficiencies.	Yes	No
6. If construction activity at any location has temporarily/permanently ceased, was the area stabilized within 14 days per section 3.5.3.2? If "No," describe below each location and measures taken to stabilize the area(s)	Yes	No
7. Have pollution prevention measures been installed, implemented, and maintained to minimize the discharge of pollutants from equipment and vehicle washing, wheel wash water, and other wash waters per section 4.1.5? If "No," describe below the measures to be implemented to address deficiencies.	Yes	No
8. If a concrete washout facility is located on site, is it clearly identified on the project and maintained? If "No," describe below the measures to be implemented to address deficiencies.	N/A	Yes      No
9. Have all previous deficiencies been addressed? If "No," describe remaining deficiencies in Comment section. Check if deficiencies/corrective measures have been reported on a previous form.	Yes	No

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

**Certification and Signature** (must be signed by the certified inspector and the permittee per Sections 3.5.8.2 (g) and 7.7.2 of the CGP)

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

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

## Construction Stormwater Inspection Certification Form (Twice-Weekly Inspections)

### **Purpose of this form/ Instructions**

An inspection, as described in section 3.5.8.2. of the General Permit for Stormwater Discharges from Construction Activities ("Permit"), shall be performed at least twice every calendar week and documented on this form. Inspections shall be performed at least 72 hours apart. Where sites or portion(s) of construction sites have been temporarily stabilized, or runoff is unlikely due to winter conditions (e.g., site covered with snow or ice), such inspection only has to be conducted once per month until thawing results in runoff or construction activity resumes.

As described in section 3.5.8.1 of the Permit, inspectors performing the required twice weekly inspections must have an active certification by completing the "Fundamentals of Erosion Prevention and Sediment Control Level I" course (<http://www.tnepsc.org/>). Twice weekly inspections can also be performed by: a licensed professional engineer or landscape architect; a Certified Professional in Erosion and Sediment Control (CPESC) or a person who has successfully completed the "Level II Design Principles for Erosion Prevention and Sediment Control for Construction Sites" course. A copy of the certification or training record for inspector certification should be kept on site.

Qualified personnel, (provided by the permittee or cooperatively by multiple permittees) 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, locations where vehicles enter or exit the site, and each outfall.

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

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

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

Based on the results of the inspection, the site description identified in the SWPPP in accordance with section 3.5.1 of the Permit and pollution prevention measures identified in the SWPPP in accordance with section 3.5.2 of the Permit, shall be revised as appropriate, but in no case later than 7 days following the inspection. Such modifications shall provide for timely implementation of any changes to the SWPPP, but in no case later than 14 days following the inspection.

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

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

**APPENDIX D**

**Stabilization Plan**

### **Plant Selection:**

Select plant appropriate to the season and site conditions. The following guidelines provide limited information; the local Soil Conservation Service may supply additional or more specific information upon request.

### **Seedbed Preparation:**

To Control erosion on bare soil surfaces, plants must be able to germinate and grow. Seedbed preparation is essential.

1. **Limiting:** Where soils are known to be highly acidic (pH 5.5 or lower), lime should be applied at the rate of two tons of pulverized agricultural limestone per acre.
2. **Fertilizer:** Shall be applied as 450 lbs./ acre of 10-20-20 (10 lbs./1,000 sq. ft.) or equivalent. Lime and fertilizer shall be incorporated into the top 2 to 4 inches of the soil
3. **Surface Roughening:** If the area has been recently loosened or disturbed, no further roughening is required. When the area is compacted, crusted, or hardened, the soil surface shall be loosened by discing, raking, harrowing, or other acceptable means.
4. **Tracking:** Tracking with bulldozer cleats is most effective on sandy soils. This practice often causes undue compaction of the soil surface, especially in clayey soils, and does not aid plant growth as effectively as other methods of surface roughening.

### **Seeding:**

Seed shall be evenly applied with a cyclone seeder, drill, cultipacker seeder, or hydro seeder. Small grains shall be planted no more than one inch deep. Grasses and legumes shall be planted no more than ¼ inch deep.

### **Mulching:**

1. Seedings made in fall for winter cover shall be mulched.
2. At other times of the year, seedings made on slopes in excess of 4:1, or on adverse soil conditions, or during excessively hot or dry weather, shall be mulched.
3. Seedings made during optimum spring and summer seeding dates, with favorable soil and site conditions, will not require mulch.

### **Re-Seeding:**

Areas which fail to establish vegetative cover adequate to prevent rill erosion will be re-seeded as soon as such areas are identified.

**Permanent Seeding Mixtures**

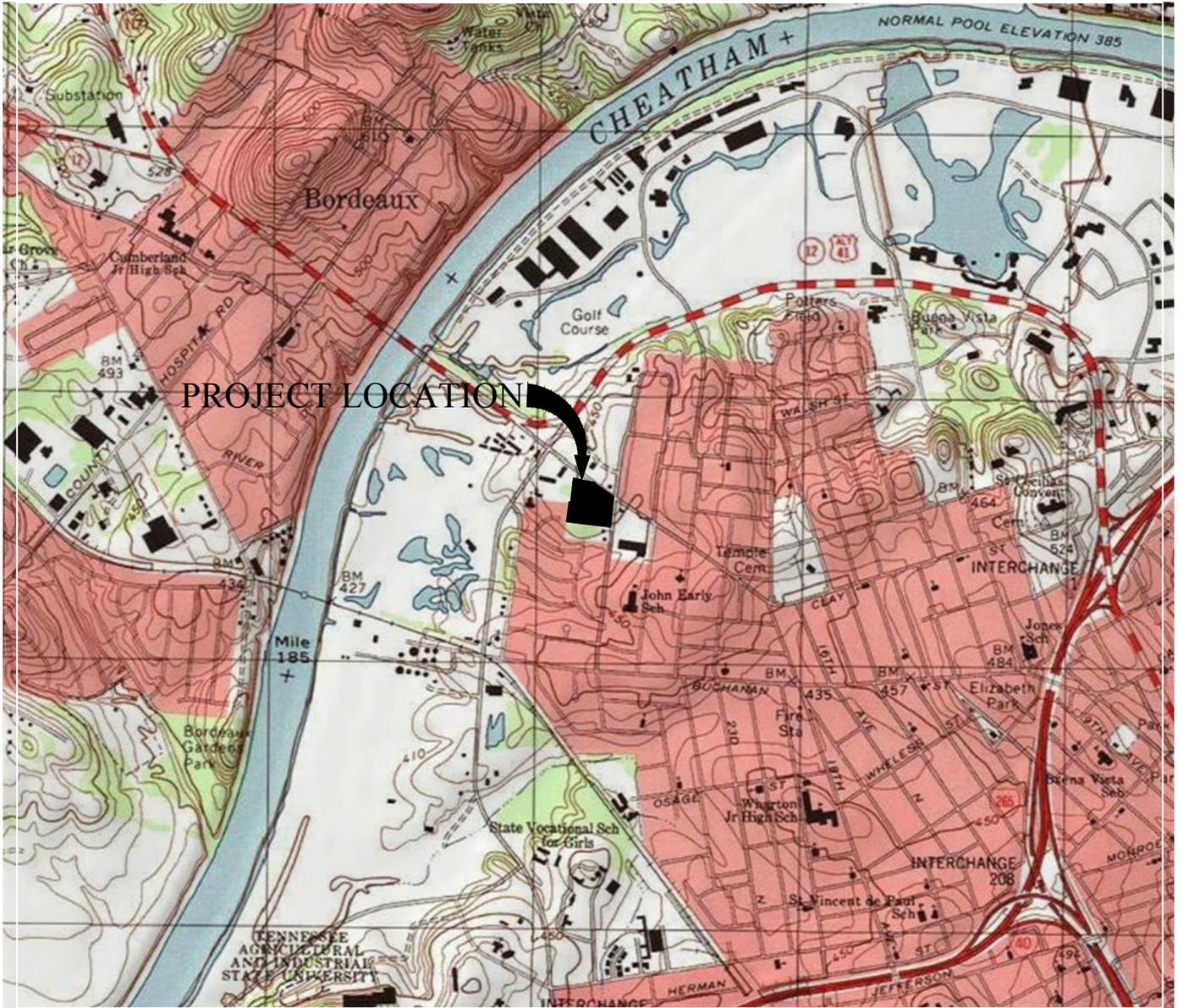
<b>Seeding Dates</b>	<b>Grass Seed</b>	<b>Percentages</b>
February 1 to July 1	Kentucky 31 Fescue	80%
	Korean Lespedeza	15%
	English Rye	5%
June 1 to August 15	Kentucky 31 Fescue	55%
	English Rye	20%
	Korean Lespedeza	15%
	German Millet	10%
April 15 to August 15	Bermuda Grass (hulled)	70%
	Annual Lespedeza	30%
August 1 to December 1	Kentucky 31 Fescue	70%
	English Rye	20%
	White Clover	10%
February 1 to December 1	Kentucky 31 Fescue	70%
	Crown Vetch	25%
	English Rye	5%

**Temporary Seeding Mixtures**

<b>Seeding Dates</b>	<b>Grass Seed</b>	<b>Percentages</b>
January 1 to May1	Italian Rye	33%
	Korean Lespedeza	33%
	Summer Oat	34%
May 1 to July 15	Sudan-Sorghum	100%
May 1 to July 15	Starr Millet	100%
July 15 to January 1	Balboa Rye	67%
	Italian Rye	33%

**APPENDIX E**

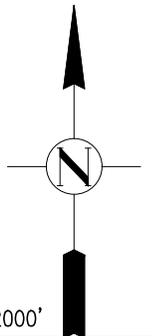
**Maps**



DAVIDSON COUNTY, TN

LATITUDE: 36.1859°N, LONGITUDE: 86.8198° W

SCALE: 1"=2000'



**KLOBER**  
ENGINEERING SERVICES

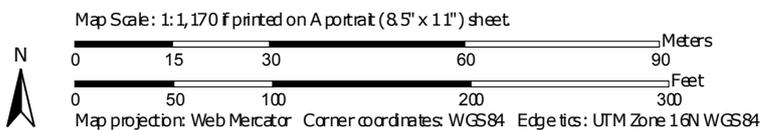
**USGS MAP**  
**26TH & CLARKSVILLE APARTMENTS - PH 3**  
**26TH & CLARKSVILLE, NASHVILLE, TN**

DRAWING DATE:	9/10/18
PROJECT NO.:	C01218
SHEET NO.:	<b>MP-1</b>

Soil Map—Davidson County, Tennessee  
(MP-2)



Soil Map may not be valid at this scale.



## MAP LEGEND

### Area of Interest (AOI)

 Area of Interest (AOI)

### Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

### Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

### Water Features



Streams and Canals

### Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

### Background



Aerial Photography

## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:15,800.

**Warning:** Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service  
Web Soil Survey URL:  
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Davidson County, Tennessee  
Survey Area Data: Version 15, Sep 25, 2017

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

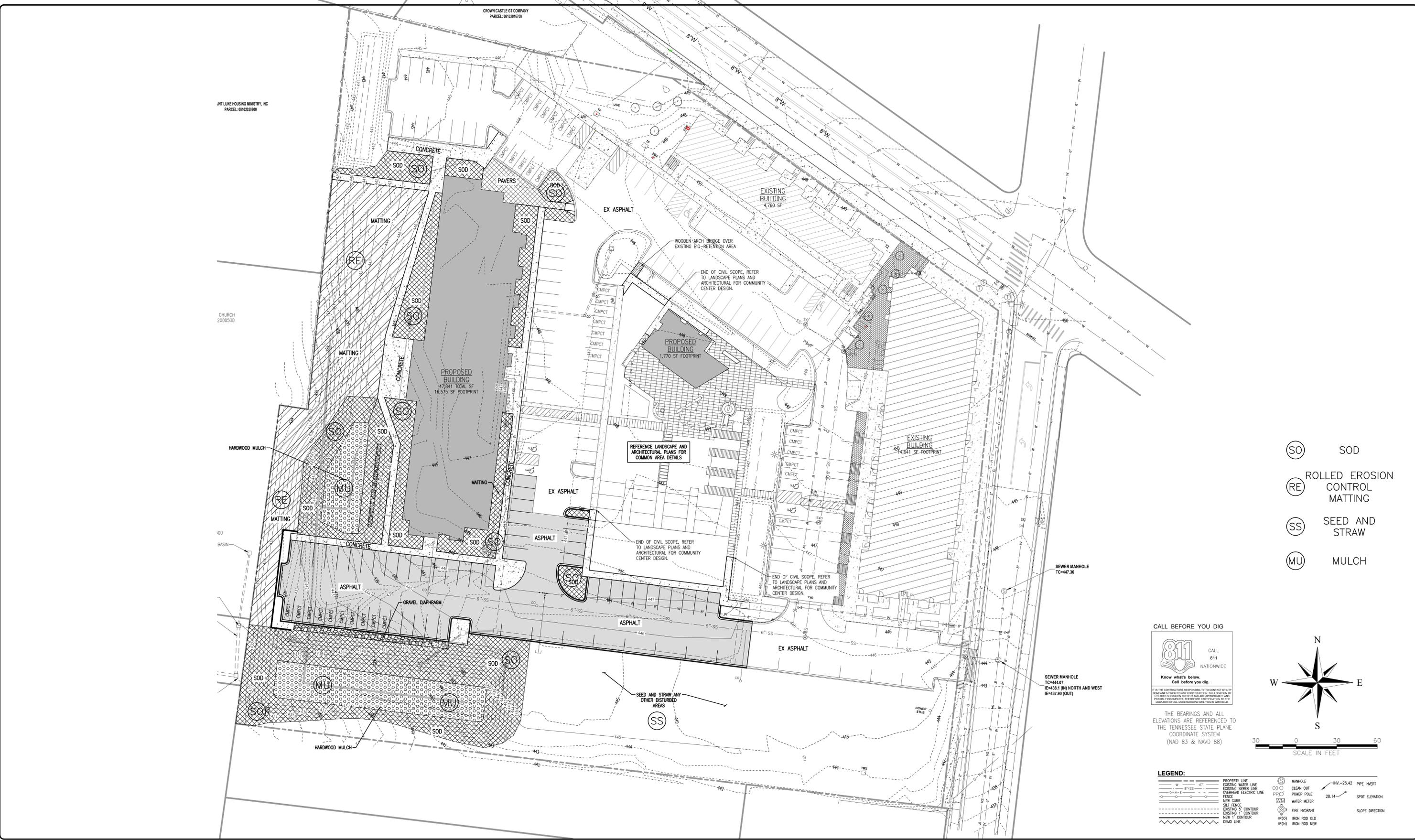
Date(s) aerial images were photographed: Jul 12, 2014—Aug 13, 2014

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
MsD	Mimosa-Urban land complex, 2 to 15 percent slopes	4.9	100.0%
<b>Totals for Area of Interest</b>		<b>4.9</b>	<b>100.0%</b>

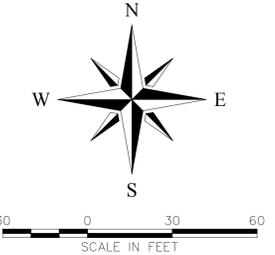




- (SO) SOD
- (RE) ROLLED EROSION CONTROL MATTING
- (SS) SEED AND STRAW
- (MU) MULCH

**CALL BEFORE YOU DIG**  
  
 CALL 811 NATIONWIDE  
 Know what's below. Call before you dig.

THE BEARINGS AND ALL ELEVATIONS ARE REFERENCED TO THE TENNESSEE STATE PLANE COORDINATE SYSTEM (NAD 83 & NAVD 88)



**LEGEND:**

	PROPERTY LINE		MANHOLE
	EXISTING WATER LINE		CLEAN OUT
	OVERHEAD ELECTRIC LINE		POWER POLE
	NEW CURB		WATER METER
	SILT FENCE		FIRE HYDRANT
	EXISTING 5' CONTOUR		IRON ROD OLD
	EXISTING 1' CONTOUR		IRON ROD NEW
	DEMO LINE		PIPE INVERT
			SPOT ELEVATION
			SLOPE DIRECTION



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 www.klobereng.com

DRAWN BY:	SML
CHECKED BY:	JML
PROJECT NO.:	C01218

REVISIONS			
NO.	BY	DATE	DESCRIPTION

## 26TH AND CLARKSVILLE APARTMENTS - PHASE 3

NASHVILLE, TN  
DAVIDSON COUNTY




JOSHUA M. LYON, P.E. TN#112331

**NOT FOR CONSTRUCTION**

FINAL STABILIZATION  
SHEET NUMBER  
**MP-4**