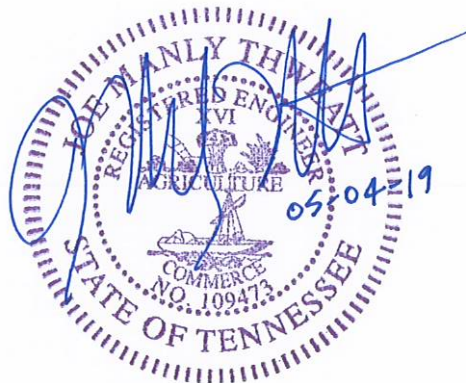


STORM WATER POLLUTION PREVENTION PLAN

Prepared for

**SHOPPES AT NORTHGATE,
LOT 4**

Murfreesboro, Rutherford County, Tennessee



Prepared By

**Huddleston-Steele Engineering, Inc.
2115 NW Broad St.
Murfreesboro, Tennessee 37129**

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Site Description

The project site for the development is located on Rutherford County Tax Map 69, Part of Parcel 74. More specifically the site is located on Memorial Boulevard just north of Wendelwood Drive, Murfreesboro, Rutherford County, Tennessee. The existing approximately 2.9-acre site is currently vacant. The proposed improvements include a retail and restaurant development.

Construction Activity

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

- Topsoil stripping and stockpiling
- Offsite fill to be placed on the site
- Rock excavation
- Storm sewer installation

Control Measures and Implementation

- The construction-phase erosion and sediment controls have been designed to retain 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 inappropriately or incorrectly used, 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 (example: 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 Tennessee Department of Environment and Conservation - Division of Water Pollution Control. This document does not authorize access to private property.
- 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 15 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 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.
- Records must be kept on site as required on the Construction Storm Water Inspection Report.
- Erosion and sediment control measures are designed for a 5-year, 24-hour rain event.
- As part of the accessibility and retention of records, the permittee shall retain the following items/information in a appropriate location onsite:
 - A rain gage
 - A copy of twice-weekly inspection reports
 - A documentation of quality assurance site assessments, if applicable
 - A copy of the site inspector's Fundamentals of Erosion Prevention and Sediment Control Level 1 certification

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 seventy-two hours 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 seventy-second hour 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 15 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.

Construction Sequence

- Establish Stabilized Construction Exit;
- Install Silt Fence at grading limits where shown on stormwater pollution prevention plans;
- Clear and mass grade the site, including proposed detention basin;
- Place erosion control devices, including channel protection and any remaining silt fence as shown on stormwater pollution prevention plans;
- Install Storm sewer;
- Install protection devices such as turfmat reinforcement immediately following installation of inlet and outlet devices.

Complete all remaining site improvements

- Straw Bale protection of inlet devices shall be replaced by gravel bags, or other approved device, when an impervious surface such as asphalt or concrete has been installed.
- Remove erosion protection devices when site has been permanently stabilized.

All construction shall be in accordance with the storm water runoff controls presented in 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 site is approximately 2.9 acres. As part of these improvements, excavation, grading, and other activities will disturb approximately 2.9 acres. The EPSC Plans detail these activities and are included in the construction documents.

Slopes and Existing Topography

The existing site has slopes from 1 to 2%. The existing topography indicates that the majority of the site drains to the east and south.

Soil Types

The soil information is taken from the Natural Resources Conservation Service Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>. The following are soil types present on this site:

BsC3 Bradyville silty clay loam
CuB Cumberland silt loam, 0-2% slopes
LoA Lomond silt loam
Tu Tupelo silt loam

Runoff Coefficient

Currently the site is vacant. The existing runoff coefficient for the disturbed area is 0.3 and the developed runoff coefficient is 0.75.

Outfall Points and Erosion Measures

This site currently drains to the south and east. The overall runoff from the site is ultimately routed to West Fork Stones River.

Industrial Activities

There are currently no industrial activities taking place at this site. No industrial activities are planned for this facility.

Receiving Stream and Wetlands

All runoff is ultimately routed to West Fork Stones River.

Construction Phase (for sites over 50 acres)

This site is less than 50 acres.

Post Construction Measures

After the construction is complete and all areas are stabilized, all silt fences and other removable erosion control measures shall be removed and properly disposed of.

Materials Stored on site and Associated Erosion Control Measures

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

- Water used for dust control
- Potable water sources including waterline flushing
- Uncontaminated ground water or spring water
- 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 grading plans.

Storm Water from Areas outside Construction Limits

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

- Stockpiled piping and catch basins
- Stockpiled rock and gravel
- 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.

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

Offsite Erodible Materials Storage

There are no 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
- Drainage swales and/or diversion swales
- Sediment traps
- Check dams
- Subsurface culverts
- 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.

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.

Erosion control shall be performed in the following measures:

EROSION CONTROL INITIAL MEASURES:

1. SILTATION FENCE TO BE INSTALLED ALONG THE DOWNHILL SIDE OF THE DISTURBED AREAS AS SHOWN.
2. INSTALL TEMPORARY CONSTRUCTION EXIT.
3. USE A TURF REINFORCEMENT MAT IN LIEU OF RIPRAP FOR PERMANENT INLET AND OUTLET PROTECTION AT PIPE HEADWALLS, SLOPES AND CONCENTRATED FLOW AREAS.
4. STONE CHECK DAMS ARE TO BE INSTALLED IN DITCHES ONCE CONSTRUCTED.
5. DISTURBED AREAS SHALL BE SEEDED TEMPORARILY.

EROSION CONTROL 'FINAL' MEASURES:

1. VEGETATION OF DITCHES AND SEEDING OF DISTURBED AREAS TO BE INSTALLED AS FINAL MEASURES.

The planned storm water management measures for this 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 landscaping drawings and specifications.

Maintenance

The site operator, listed as the Construction Manager in this report, 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 seventy-two hours 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.

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 seventy-two hours or twice every week. 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 inspector shall check 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 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 seventy-two hours 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 with this Plan.

APPENDIX A
Notice of Intent
Location Map



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)

Site or Project Name: SHOPPES AT NORTHGATE, LOT 4
NPDES Tracking Number: TNR
Street Address or Location: MEMORIAL BOULEVARD, MURFREESBORO
Construction Start Date: July, 2019
Estimated End Date: December, 2019
Site Description: presently vacant to become a restaurant/retail development
Latitude (dd.dddd): N35.8810
Longitude (-dd.dddd): W86.3840
County(ies): Rutherford MS4 (if applicable): Murfreesboro
Acres Disturbed: 2.9 Acres+/-
Check box if a SWPPP is attached: [X] Check box if a site location map is attached: [X]
Total Acres: 2.9 Acres+/-
Check the appropriate box(s) if there are streams and/or wetlands on or adjacent to the construction site: Streams [] Wetlands []
Has a jurisdictional determination been made by the USACE or EPA identifying waters of the United States?: Yes [] No []
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)
Receiving waters: West Fork Stones River

Site Owner/Developer (Primary Permittee): (Provide person, company, or entity that has operational or design control over construction plans and specifications): D3 MURFREESBORO, LLC

For corporate entities only, provide correct Tennessee Secretary of State (SOS) Control Number: 000743759 (an incorrect SOS control number may delay NOI processing)

Site Owner or Developer Contact Name: (signs the certification below) Tim Dearman Title or Position: President
Mailing Address: 3841 GREEN HILLS VILLAGE DRIVE, STE 400 City: Nashville State: TN Zip: 37215
Phone: (615) 269-5444 Fax: () E-mail: tdearman@oldacremcdonald.com

Optional Contact: Huddleston-Steele Engineering (Manly Thweatt) Title or Position: Civil Engineer
Mailing Address: 2115 NW Broad Street City: Murfreesboro State: TN Zip: 37129
Phone: (615) 893-4084 Fax: () E-mail: mthweatt@hsengr.com

Owner/Developer(s) Certification: (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): Tim Dearman Signature: [Signature] Date: 5/3/2019
Owner/Developer Name (print/type): Signature: Date:

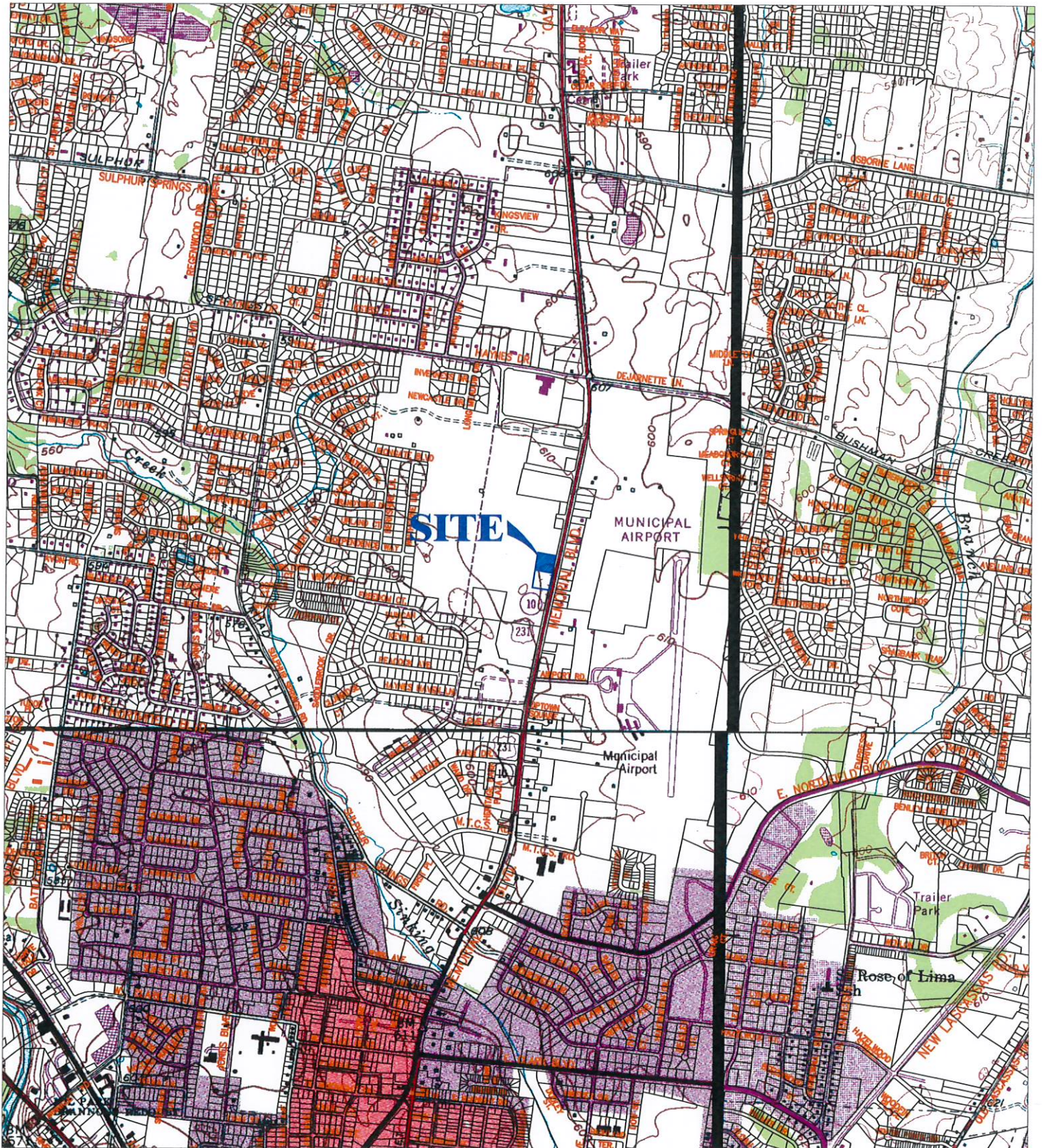
Contractor Certification: (must be signed by president, vice-president or equivalent, or ranking elected official) (Secondary Permittee)

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

Contractor name, address, and SOS control number (if applicable): Signature: Date:

OFFICIAL STATE USE ONLY

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



SHOPPES AT NORTHGATE, LOT 4

13th CIVIL DISTRICT - RUTHERFORD COUNTY - TENNESSEE

DATE: 05/03/19

SCALE: 1"=2000'



APPENDIX B
Notice Of Termination



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.

Site or Project Name: Shoppes at Northgate, Lot 4		NPDES Tracking Number: TNR	
Street Address or Location: Memorial Boulevard, Murfreesboro		County(ies): Rutherford	
Name of Permittee Requesting Termination of Coverage: 01MRFTN029, LLC			
Permittee Contact Name: Tim Dearman		Title or Position: President	
Mailing Address: 2817 West End Avenue, Suite 126-252		City: Nashville	State: TN Zip: 37203
Phone: 615-269-5444		E-mail: tdearman@oldacremcdonald.com	

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)

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.

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.

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

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

EFO	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)

Site or Project Name: Shoppes at Northgate Lot 4		NPDES Tracking Number: TNR	
Primary Permittee Name: Tim Dearman		Date of Inspection:	
Current approximate disturbed acreage: 1.44 Ac. +/-	Has rainfall been checked/documented daily? <input type="checkbox"/> Yes <input type="checkbox"/> No	Name of Inspector:	
Current weather conditions:		Inspector's TNEPSC 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?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
2. Are EPSCs functioning correctly at all disturbed areas/material storage areas per section 4.1.5?	<input type="checkbox"/> Yes	<input type="checkbox"/> 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?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
4. Are EPSCs functioning correctly at ingress/egress points such that there is no evidence of track out?	<input type="checkbox"/> Yes	<input type="checkbox"/> 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.	<input type="checkbox"/> Yes	<input type="checkbox"/> No
6. If construction activity at any location on-site 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).	<input type="checkbox"/> Yes	<input type="checkbox"/> 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.	<input type="checkbox"/> Yes	<input type="checkbox"/> 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.	<input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No
9. Have all previous deficiencies been addressed? If "No," describe the remaining deficiencies in the Comments section. <input type="checkbox"/> Check if deficiencies/corrective measures have been reported on a previous form.	<input type="checkbox"/> Yes	<input type="checkbox"/> 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.

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/>). A copy of the certification or training record for inspector certification should be kept on site.

Qualified personnel, as defined in section 3.5.8.1 of the Permit (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
Erosion Control and Stabilization Plan
Erosion Control Details

See enclosed EPSC Plans.

2 ACRES DRAINING ONTO PROPERTY FROM WEST

PROJECT LIMITS(TYP.) (2.3 ACRES DISTURBED)

PHASE II

50' ACCESS AND PUBLIC UTILITIES EASEMENT

CROSSGATE DRIVE
(LOCAL STREET)

EX.DRIVE

SILTATION FENCE(TYP.)

EXISTING SINGLE INLET
T.C.606.0
T.G.605.5
I.E.603.0

MEMORIAL BOULEVARD (U.S. HWY 231 N) (STATE ROUTE 10)
(MAJOR ARTERIAL)

EXISTING CHICK-FIL-
EX.ACCESS DRIVE

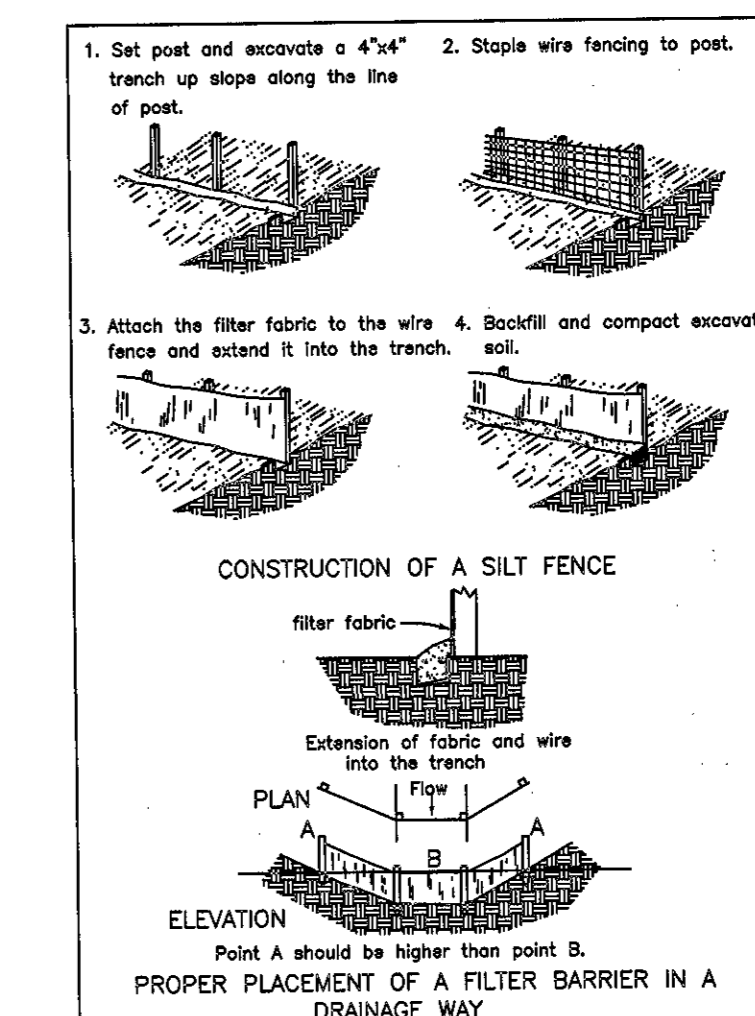
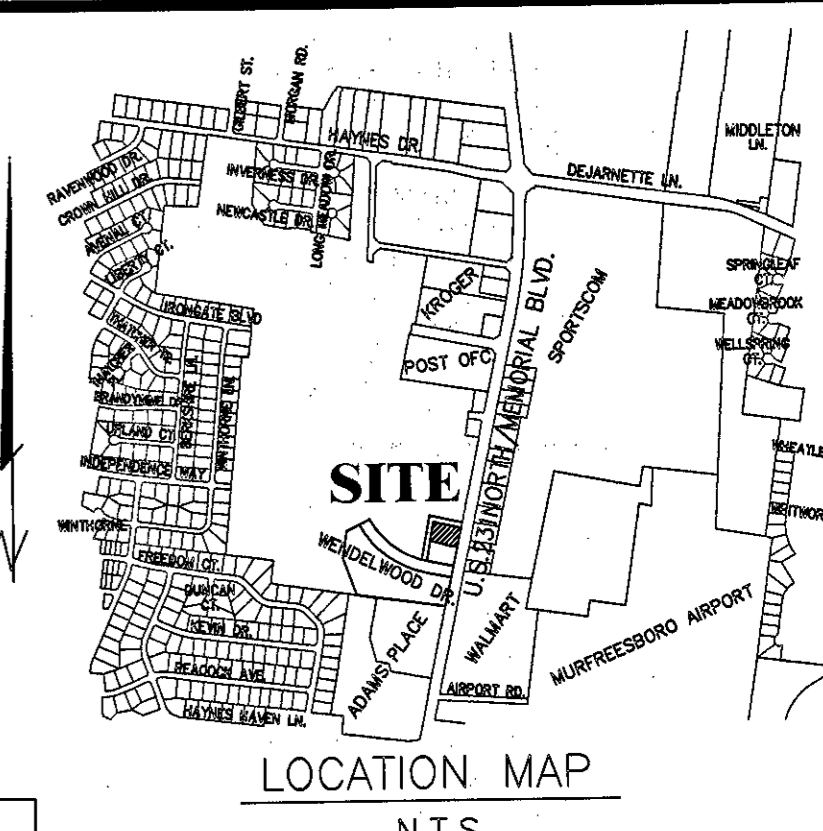
TEMPORARY CONSTRUCTION EXIT

50' ACCESS AND PUBLIC UTILITIES EASEMENT

OUTFALL

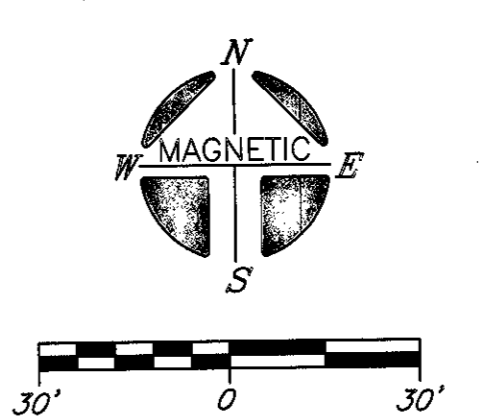
JAMES B. HAYNES FAMILY
343/349
REC.BK.1330/3738
ZONED: CH

FILTER FABRIC (TYP.)



LEGEND

- ⊕ Power Pole
- ⊗ Existing Fire Hydrant
- ⊙ Proposed Fire Hydrant
- △ Reducer
- ⊕ Proposed Gate Valve & Box
- ⊕ Concrete Thrust Block
- W— Existing Water Line
- W— Proposed Water Line
- S— Existing Sanitary Sewer Line
- S— Proposed Sanitary Sewer Line
- Existing Manhole
- Proposed Manhole
- ⊕ Sewer Line Check Dam
- Existing Contours
- Proposed Contours
- 00.0 Existing Spot Elevations
- 00.0 Proposed Spot Elevations
- SF— Siltation Fence (to be installed before grading and left in place until a good stand of grass is established over all disturbed areas)
- ⊕ Turf Reinforcement Mat
- E— Existing Telephone & Electric Line
- UGE— Existing Underground Electric Line
- CMP— Corrugated Metal Pipe
- RCP— Reinforced Concrete Pipe



LEGEND FOR MONUMENTS
 IPS ○ IRON PIN SET
 IPF ○ IRON PIN FND.
 ○ PAULROAD SPIKE
 — FENCE
 ● SURVEY POINT
 — HAIL
 ■ CONC. MARKER FND.
 ZONING: CH
 FRONT SETBACK: 42'
 SIDE SETBACK: 0'
 REAR SETBACK: 20'

DEVELOPER: D3 MURFREESBORO, LLC
 ADDRESS: 3841 GREEN HILLS VILLAGE DRIVE, STE 400
 NASHVILLE, TN 37215
 TAX MAP: 69 PART OF PARCEL: 74
 FLOOD MAP PANEL: 47016B 0145 H ZONE: X
 DATED: JANUARY 5, 2007

NOTE: THIS PARCEL IS SUBJECT TO ALL EASEMENTS AS SHOWN AND ANY OTHER EASEMENTS AND/OR RESTRICTIONS EITHER RECORDED OR BY PRESCRIPTION THAT A COMPLETE TITLE SEARCH MAY REVEAL.

- EROSION CONTROL INITIAL MEASURES:**
- SILTATION FENCE TO BE INSTALLED IN DRAINAGE AREAS AS SHOWN.
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 - DISTURBED AREAS SHALL BE SEEDED TEMPORARILY.
- EROSION CONTROL 'FINAL' MEASURES:**
- VEGETATION OF DITCHES AND SEEDING OF DISTURBED AREAS TO BE INSTALLED AS FINAL MEASURES.

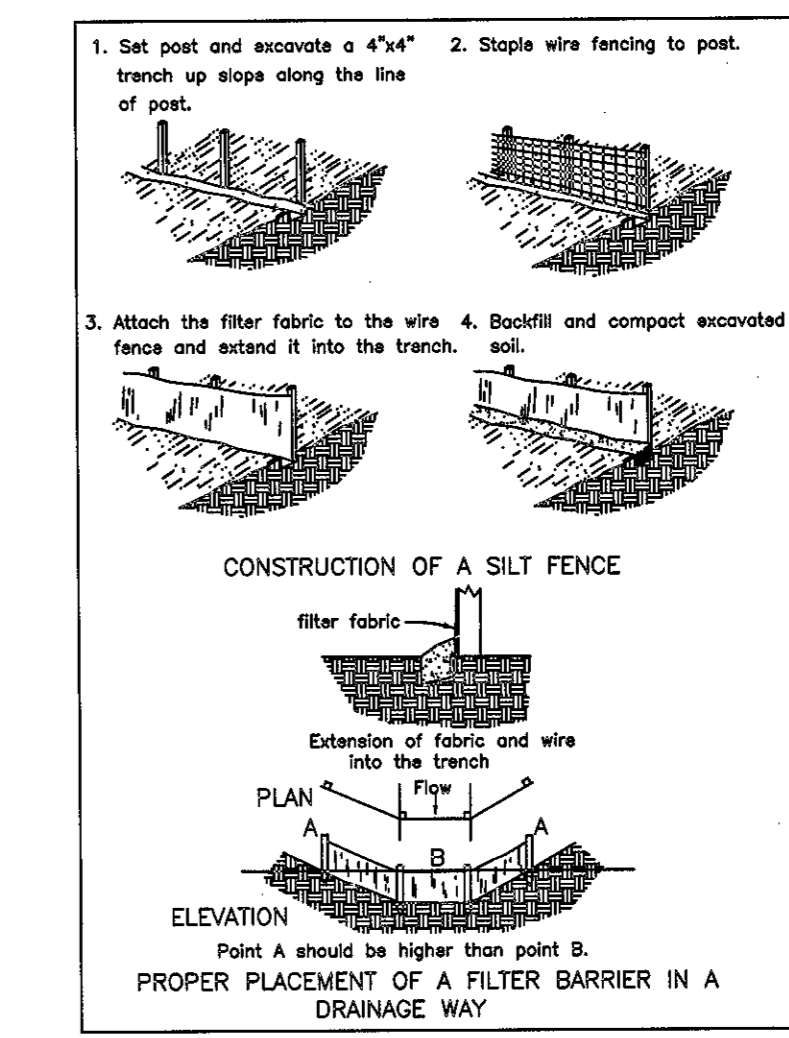
INITIAL MEASURES
EROSION PREVENTION/SEDIMENT CONTROL PLAN
 LOT 4
THE SHOPPES AT NORTHGATE
 U.S. 231 NORTH/MEMORIAL BLVD.
 13TH CIVIL DISTRICT - RUTHERFORD COUNTY - TN.

DATE: MAY, 2019 SCALE 1"=30' SH. 1 OF 4

HUDDLESTON-STEELE ENGINEERING INC.
 2115 N.W. BROAD STREET, MURFREESBORO, TN 37129
 TELEPHONE: 663-4084, FAX: 663-3090

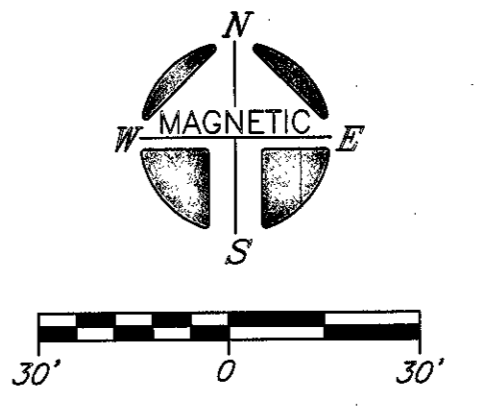
2 ACRES DRAINING ONTO PROPERTY FROM WEST

PROJECT LIMITS(TYP.) (2.3 ACRES DISTURBED)



LEGEND

⊗	Power Pole
⊗	Existing Fire Hydrant
⊕	Proposed Fire Hydrant
△	Reducer
⊕	Proposed Gate Valve & Box
⊕	Concrete Thrust Block
—W—	Existing Water Line
—W—	Proposed Water Line
—S—	Existing Sanitary Sewer Line
—S—	Proposed Sanitary Sewer Line
○	Existing Manhole
○	Proposed Manhole
⊕	Sewer Line Check Dam
—00—	Existing Contours
—00—	Proposed Contours
00.0	Existing Spot Elevations
00.0	Proposed Spot Elevations
—SF—	Siltation Fence
	(to be installed before grading and left in place until a good stand of grass is established over all disturbed areas.)
■	Turf Reinforcement Mat
—E—	Existing Telephone & Electric Line
—UGE—	Existing Underground Electric Line
—CMP—	Corrugated Metal Pipe
—RCP—	Reinforced Concrete Pipe



LEGEND FOR MONUMENTS
 IPS ○ IRON PIN SET
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 — FENCE
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 ▲ NAIL
 ■ CONG. MARKER FND.

ZONING: CH
 FRONT SETBACK: 42'
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DEVELOPER: D3 MURFREESBORO, LLC
 ADDRESS: 3841 GREEN HILLS VILLAGE DRIVE, STE 400
 NASHVILLE, TN 37215
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 1. IN TENNESSEE, IT IS A REQUIREMENT PER THE UNDERGROUND UTILITY DAMAGE PREVENTION ACT THAT ANYONE WHO ENGAGES IN EXCAVATION MUST NOTIFY ALL KNOWN UNDERGROUND UTILITY OWNERS, NO LESS THAN THREE NOR MORE THAN TEN WORKING DAYS OF THEIR INTENT TO EXCAVATE. A LIST OF THESE UTILITIES MAY BE OBTAINED FROM THE COUNTY REGISTER OF DEEDS. THOSE UTILITIES THAT PARTICIPATE IN THE TENNESSEE ONE CALL SYSTEM CAN BE NOTIFIED BY CALLING TOLL FREE 1-800-351-1111.
 2. UNDERGROUND UTILITIES SHOWN WERE LOCATED USING AVAILABLE ABOVE-GROUND EVIDENCE AND ALSO FROM INFORMATION OBTAINED FROM THE RESPECTIVE UTILITY COMPANIES. THE EXISTENCE OR NON-EXISTENCE OF THE UTILITIES SHOWN AND ANY OTHER UTILITIES WHICH MAY BE PRESENT ON THIS SITE OR ADJACENT SITES SHOULD BE CONFIRMED WITH THE UTILITY OWNER PRIOR TO COMMENCING ANY WORK.

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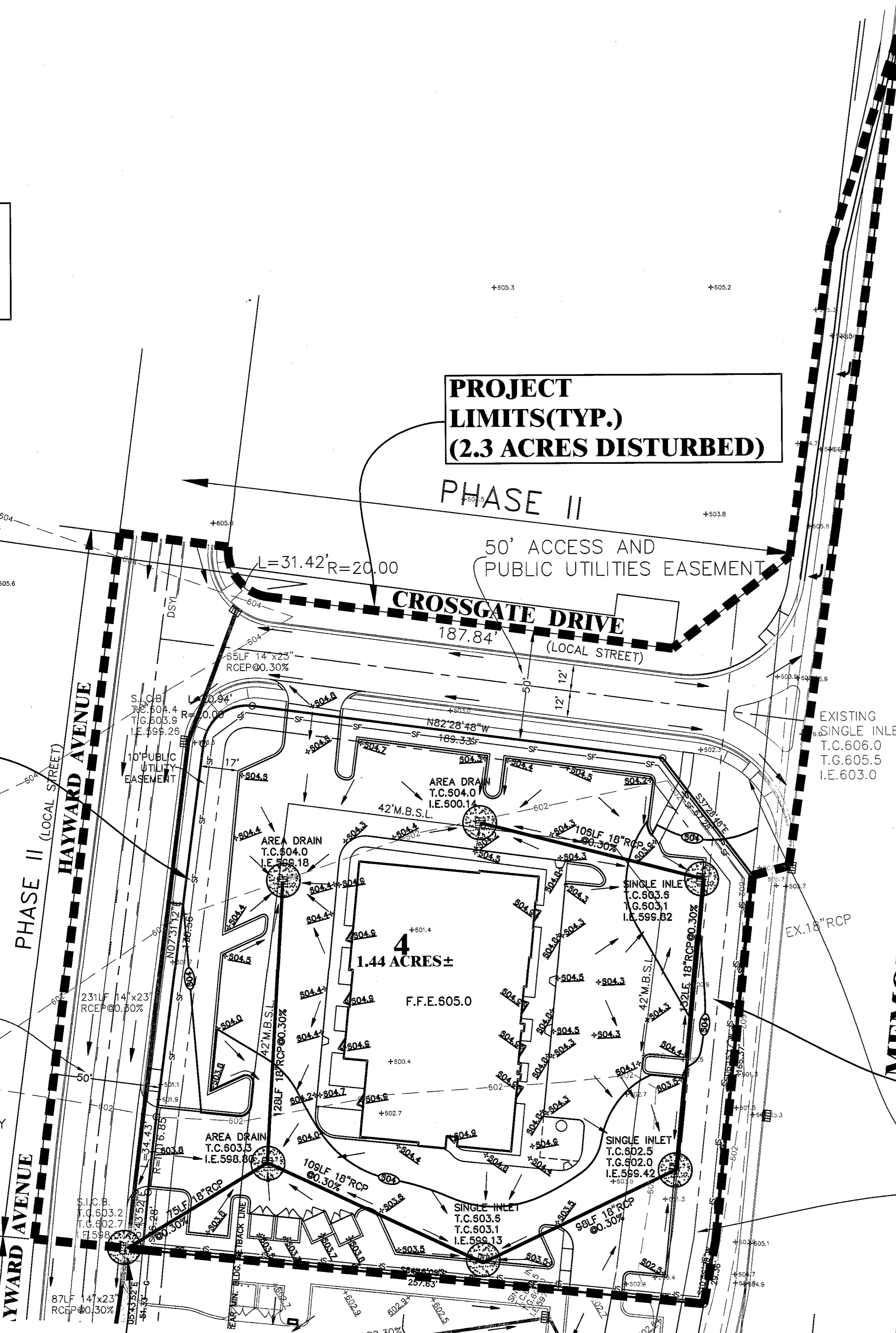
TEMPORARILY SEED AND STRAW DISTURBED AREAS

20'DRAINAGE EASEMENT

MEMORIAL BOULEVARD (U.S. HWY 231 N) (STATE ROUTE 10) (MAJOR ARTERIAL)

EXISTING CHICK-FIL-EX.ACCESS DRIVE

EXISTING DRIVE



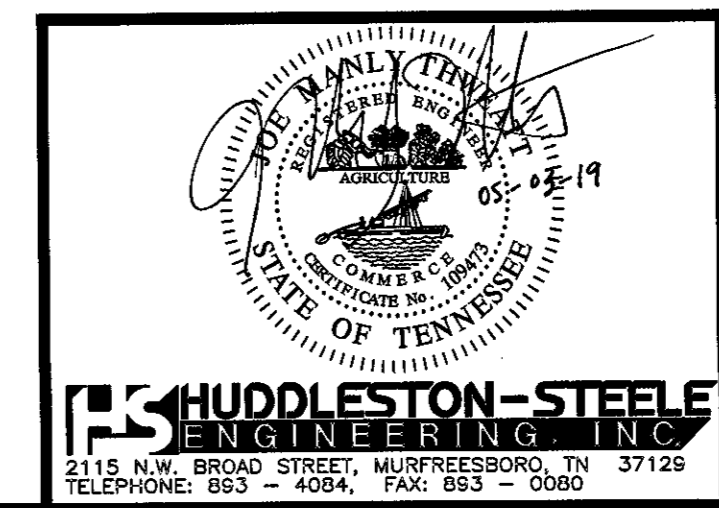
SILTATION FENCE(TYP.)

FILTER FABRIC (TYP.)

50' ACCESS AND PUBLIC UTILITIES EASEMENT

JAMES B. HAYNES FAMILY
 343/349
 REC.BK.1330/3738
 ZONED: CH

INTERMEDIATE MEASURES
EROSION PREVENTION/SEDIMENT CONTROL PLAN
 LOT 4
THE SHOPPES AT NORTHGATE
 U.S. 231 NORTH/MEMORIAL BLVD.
 13TH CIVIL DISTRICT - RUTHERFORD COUNTY - TN.



DATE: MAY, 2019 SCALE 1"=30' SH. 2 OF 4

2 ACRES DRAINING ONTO PROPERTY FROM WEST

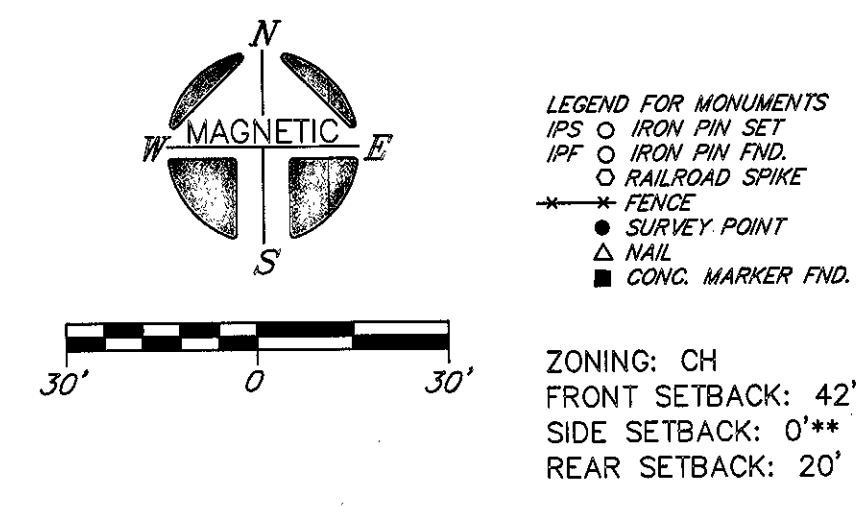
PROJECT LIMITS(TYP.) (2.3 ACRES DISTURBED)

VEGETATION OF DITCHES AND SEEDING OF DISTURBED AREAS TO BE INSTALLED AS FINAL MEASURES.

SILTATION FENCE(TYP.)

LEGEND

⊗	Power Pole
⊕	Existing Fire Hydrant
⊙	Proposed Fire Hydrant
⊖	Reducer
⊕	Proposed Gate Valve & Box
⊕	Concrete Thrust Block
—W—	Existing Water Line
—W—	Proposed Water Line
—S—	Existing Sanitary Sewer Line
—S—	Proposed Sanitary Sewer Line
○	Existing Manhole
○	Proposed Manhole
CD	Sewer Line Check Dam
—00—	Existing Contours
—00—	Proposed Contours
00.0	Existing Spot Elevations
00.0	Proposed Spot Elevations
—SF—	Siltation Fence
(to be installed before grading and left in place until a good stand of grass is established over all disturbed areas.)	
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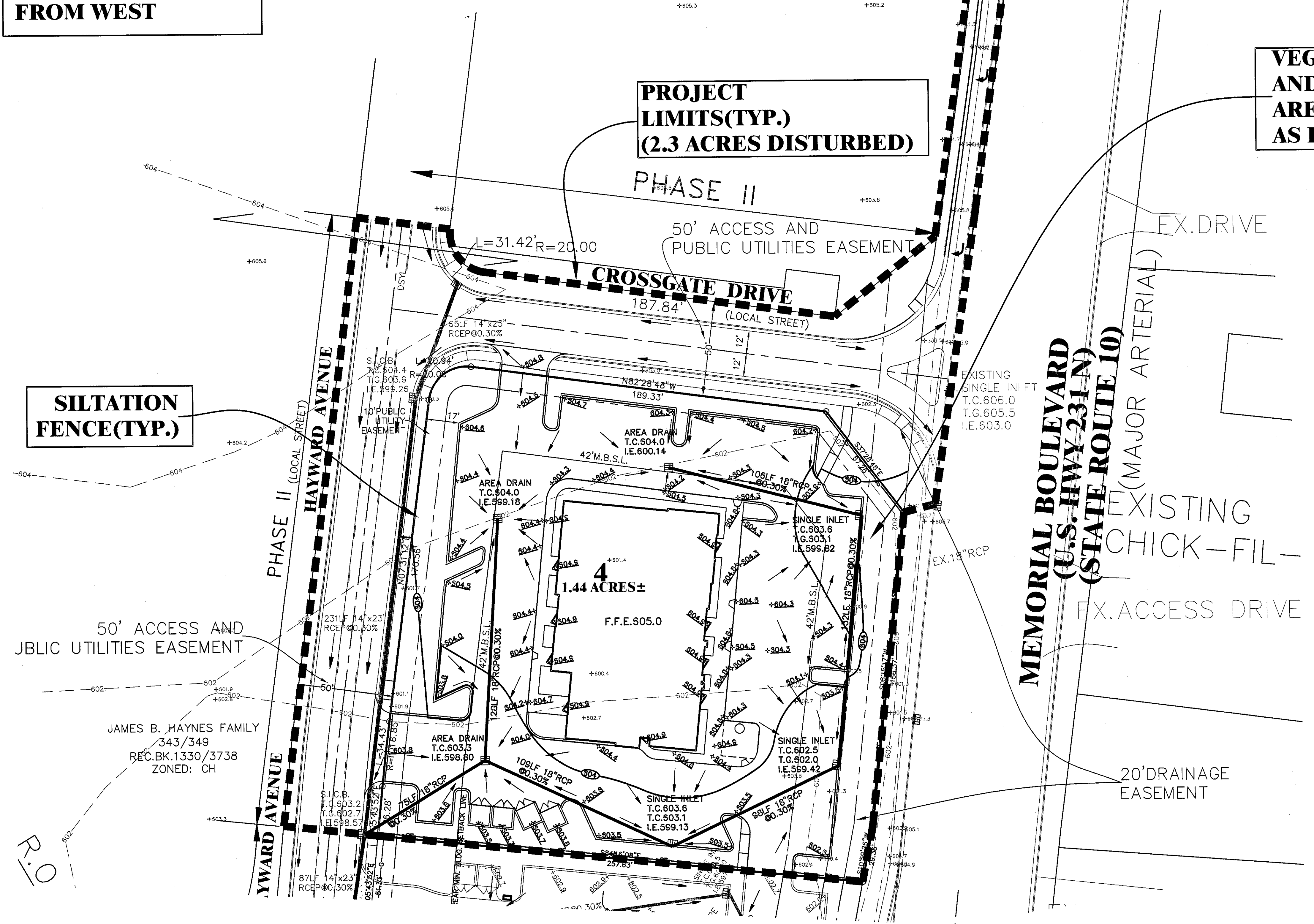


DEVELOPER: D3 MURFREESBORO, LLC
 ADDRESS: 3841 GREEN HILLS VILLAGE DRIVE, STE 400
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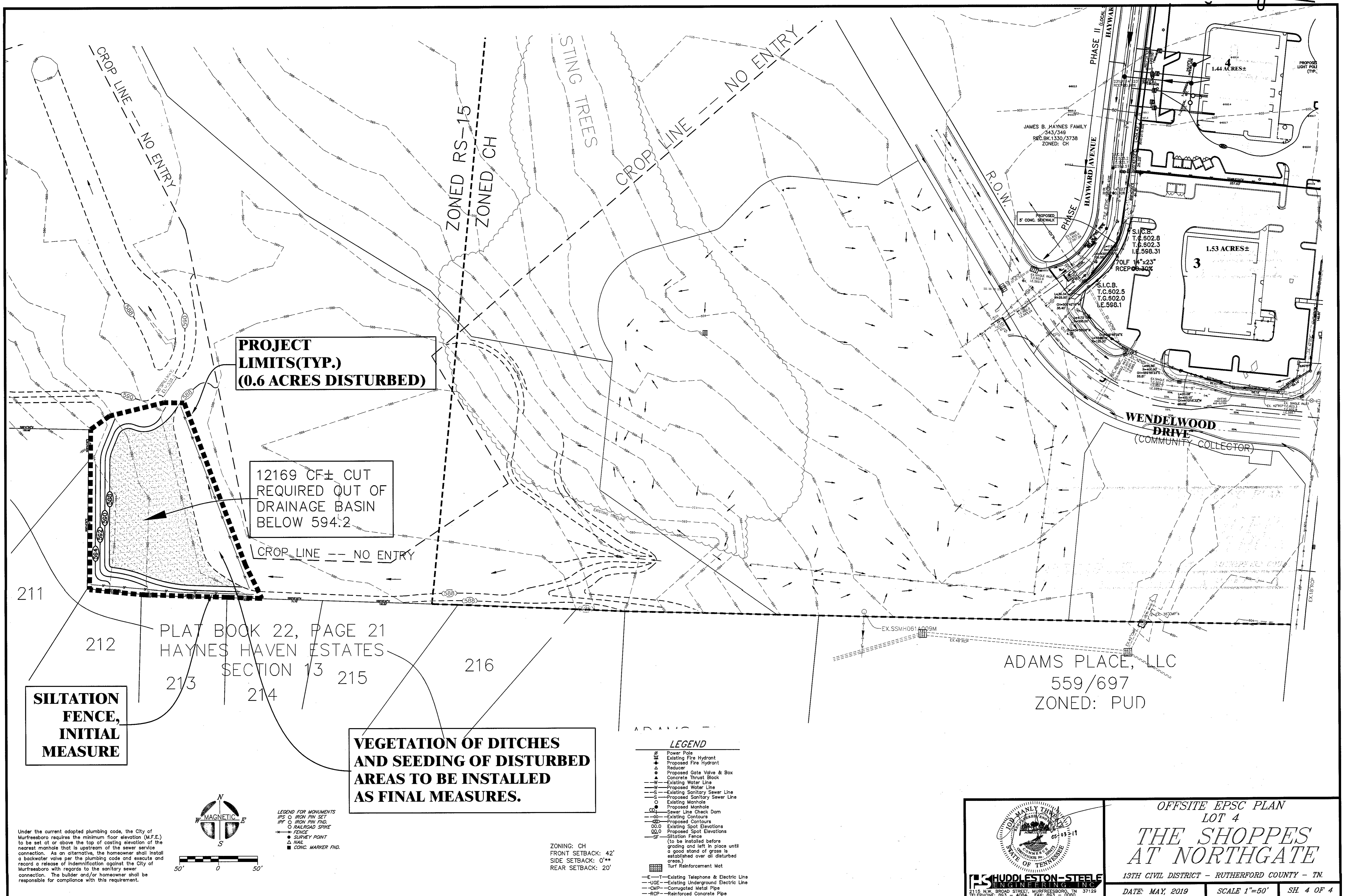
JAMES B. HAYNES FAMILY
 343/349
 REC.BK.1330/3738
 ZONED: CH

FINAL MEASURES

EROSION PREVENTION/SEDIMENT CONTROL PLAN
 LOT 4
THE SHOPPES AT NORTHGATE
 U.S. 231 NORTH/MEMORIAL BLVD.
 13TH CIVIL DISTRICT - RUTHERFORD COUNTY - TN.

HUDDLESTON-STEELE ENGINEERING, INC.
 2115 N.W. BROAD STREET, MURFREESBORO, TN 37129
 TELEPHONE: 663 - 4084, FAX: 663 - 0380

DATE: MAY, 2019 SCALE 1"=30' SH. 3 OF 4



PROJECT LIMITS(TYP.) (0.6 ACRES DISTURBED)

12169 CF± CUT REQUIRED OUT OF DRAINAGE BASIN BELOW 594.2

CROP LINE -- NO ENTRY

VEGETATION OF DITCHES AND SEEDING OF DISTURBED AREAS TO BE INSTALLED AS FINAL MEASURES.

SILTATION FENCE, INITIAL MEASURE

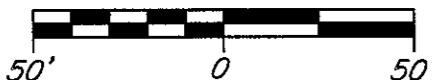
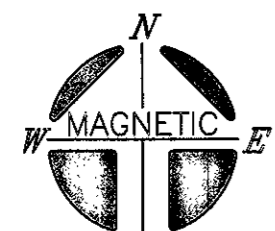
PLAT BOOK 22, PAGE 21
HAYNES HAVEN ESTATES
SECTION 13

ADAMS PLACE, LLC
559/697
ZONED: PUD

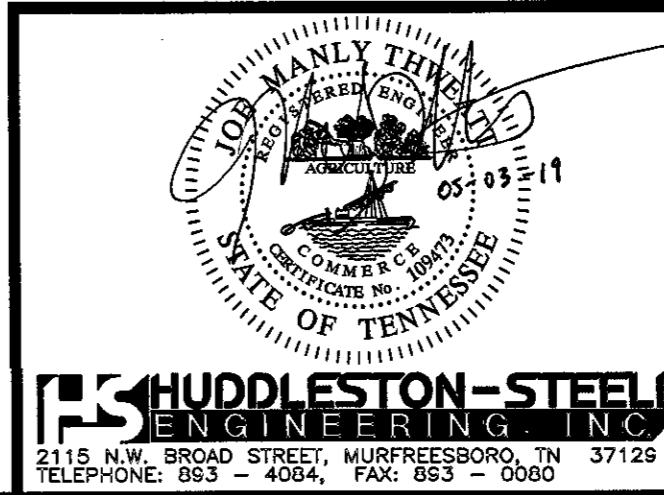
ZONING: CH
FRONT SETBACK: 42'
SIDE SETBACK: 0'**
REAR SETBACK: 20'

- LEGEND**
- ⊗ Power Pole
 - ⊕ Existing Fire Hydrant
 - ⊕ Proposed Fire Hydrant
 - ⊕ Reducer
 - ⊕ Proposed Gate Valve & Box
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- LEGEND FOR MONUMENTS**
- IPS ○ IRON PIN SET
 - IPF ○ IRON PIN FND.
 - RAILROAD SPIKE
 - IRON PIN FND.
 - FENCE
 - SURVEY POINT
 - △ NAIL
 - CONC. MARKER FND.



Under the current adopted plumbing code, the City of Murfreesboro requires the minimum floor elevation (M.F.E.) to be set at or above the top of casting elevation of the nearest manhole that is upstream of the sewer service connection. As an alternative, the homeowner shall install a backwater valve per the plumbing code and execute and record a release of indemnification against the City of Murfreesboro with regards to the sanitary sewer connection. The builder and/or homeowner shall be responsible for compliance with this requirement.



OFFSITE EPSC PLAN
LOT 4
THE SHOPPES AT NORTHGATE

19TH CIVIL DISTRICT - RUTHERFORD COUNTY - TN.

DATE: MAY, 2019 SCALE 1"=50' SH. 4 OF 4