

**TRACETOWN SHOPPING CENTER
NATCHEZ, MS**

STORMWATER POLLUTION PREVENTION PLAN

Prepared for
**Noon Real Estate
715 Market Street, Suite 203
Chattanooga, TN 37402**

Prepared by

Berry Engineers, LLC
63 Broad Street NW
Cleveland, TN 37311
Tel: 423-790-5880

Issued: July 17, 2025



Christopher M. Berry, P.E.

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Site Information

The project site is a 16.3 acre redevelopment of a shopping center with parking area located at 55 Sgt Prentiss Drive in Natchez, MS. Construction will disturb approximately 7.1 acres. The site discharges to the south through an existing underground stormwater conveyance system to an unnamed tributary to Saint Catherine Creek. Saint Catherine Creek is NOT listed on the 303(d) list for siltation, turbidity, or habitat alterations at the project location. Saint Catherine Creek does have total maximum daily loads (TMDLs) established for nutrients and organic enrichment/low dissolved oxygen. Construction from the site will not contribute to TMDLs impairment of the stream because of the proposed best management practices (BMPs) in the plan. No streams or wetlands were observed on site. The soils around the site are noted as Gullied land and Memphis silt loam. All soils are in hydrologic soil group (HSG) B.

Controls

Vegetative Controls: All diversions will be stabilized with seeding (temporary seeding) and erosion control fabric within seven calendar days of construction. Topsoil will be stockpiled for use in landscaping. All slopes 3:1 or greater are to be stabilized with erosion control matting. Any disturbed areas that will be left undisturbed for 14 or more days will be seeded (temporary seeding) immediately. After final grading, all disturbed areas will be seeded (permanent seeding) immediately.

Structural Controls: Primary structural controls for this site will include perimeter silt fence and inlet protection. As this is an existing shopping center, no construction entrance will be installed. Where sediment has been tracked-out onto paved roads, sidewalks, or other paved areas outside the site, remove deposited sediment immediately by the end of the next workday. Remove the track-out by sweeping, shoveling, or vacuuming these surfaces. Hosing or sweeping track-out sediment into any stormwater conveyance, storm drain inlet, or Waters of the State is prohibited. Inlet protection (silt fence) will be installed at all storm drain inlets. A silt fence will be constructed around the perimeter of the site.

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

Concrete trucks will wash out at the designated area near the staging area. Each contractor is responsible for providing litter control for trash generated by this crew. A dumpster for garbage will be located near the construction trailer and is limited to garbage and paper trash only. Paint cans, oil cans, used oil, and filters will be contained and disposed of by the contractor by taking them to a hazardous waste disposal center.

Post Construction/Stormwater Management Measures: Rip rap will be placed at concentrated stormwater discharge points to prevent erosion from high runoff velocities.

Implementation Sequence

1. Before construction commences, the limits of clearing will be identified with flagging tape and any trees to be protected and the limits of the stream buffers will be marked with high-visibility safety fencing.
2. Prior to any land disturbing activity, silt fencing shall be installed where indicated on the erosion control plan, with Type C silt fencing being installed per the plan and sediment basins and diversions installed. All erosion prevention and sediment control best management practices identified in this SWPPP will be installed as recommended in the Field Manual for Erosion and Sediment Control on Construction Sites in Mississippi. Preconstruction vegetation shall not be disturbed more than 14 days prior to any excavating activities.
3. Land-disturbing activity at the project site will begin with the installation of the perimeter measures. The construction entrance should be installed before removing existing buildings on the property.
4. After the removal of buildings and construction exit installations have been completed, work will commence with the clearing and grubbing operation and include preliminary earthwork necessary to accomplish this process.
5. Topsoil will then be removed and stockpiled. Stockpile area will be surrounded by filter fabric fencing and immediately seeded per the stabilization plan (Appendix H).
6. Cut and fill activities to prepare the portion of the property for the construction will begin at this point.
7. Construction of the parking lot and utilities will be initiated at this time.
8. Storm drain inlet protection will be installed when the permanent system is in place and functioning.
9. Sediment will be removed from the silt fences when sediment deposits reach one-third to one-half the height of the control. 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 will be removed or otherwise prevented from becoming a 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.
10. Seeding and mulching or other stabilization measures as identified per the Stabilization Plan (Appendix H) will occur after final grade is achieved.

11. 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 seven days if the activity will not resume within 14 days. Steep slopes (greater than or equal to 35%) shall be stabilized no later than 7 days after construction activity on these slopes has temporarily or permanently ceased. The dates when major grading activities occur, the dates when construction activities temporarily or permanently cease on a portion of the site, and the dates when stabilization measures are initiated will be recorded and maintained on the site. Stabilization methods are outlined in the Stabilization Plan (Appendix H) and may include seed and mulch, or seed and erosion control blankets or sod. Sodded slopes having a slope of 3:1 or greater shall be placed in a staggered layout and pinned.

12. When all construction activity is complete and the site has reached final stabilization, structural controls will be removed, and soils disturbed by their removal will be seeded. Final stabilization means that all soil disturbing activities at the site have been completed, and that a uniform perennial vegetative cover with a density of at least 70% for the area has been established or equivalent measures (e.g., concrete or asphalt paving, rip rap, etc.) have been employed.

Maintenance Plan

Check all disturbed areas, erosion, and sediment controls after each rain event that produces a discharge and at least weekly for a minimum of four inspections per month in accordance with ACT6, S-5 of the General Permit. Make needed repairs within 24 hours. Except for sediment basins, all accumulated sediment shall be removed from structural controls when sediment deposits reach one-third to one-half the height of the control. For sediment basins, accumulated sediment shall be removed when the capacity has been reduced to 50%. Replace non-functional silt fence. Maintain all vegetated areas to provide proper ground cover – reseed, fertilize, and mulch as needed.

Recordkeeping & Training

Staff Training Requirements: Each operator, or group of multiple operators, must assemble a “stormwater team” to carry out compliance activities associated with the requirements in the General Permit. Prior to the commencement of construction activities, the permittee must ensure that the following personnel on the stormwater team understand the requirements of the General Permit and their specific responsibilities with respect to those requirements:

1. Personnel who are responsible for the design, installation, maintenance, and/or repair of stormwater controls (including pollution prevention controls);
2. Personnel responsible for the application and storage of treatment chemicals (if applicable)
3. Personnel who are responsible for conducting inspections as required in ACT6, S-5 of the General Permit; and
4. Personnel who are responsible for taking corrective actions as required in ACT6, S-2 of the General Permit.

The permittee is responsible for ensuring that all activities on the site comply with the requirements

of the General Permit. The permittee is not required to provide or document formal training for subcontractors or other outside service providers, but the permittee must ensure that such personnel understand any requirements of the General Permit that may be affected by the work they are subcontracted to perform.

At a minimum, members of the stormwater team must be trained to understand the following if related to the scope of their job duties (e.g., only personnel responsible for conducting inspections need to understand how to conduct inspections):

- The permit deadlines associated with installation, maintenance, and removal of stormwater controls and with stabilization;
- The location of all stormwater controls on the site required by the General Permit and how they are to be maintained;
- The proper procedures to follow with respect to the permit's pollution prevention requirements; and
- When and how to conduct inspections, record applicable findings, and take corrective actions.

Each member of the stormwater team must have easy access to an electronic or paper copy of applicable portions of the General Permit, the most updated copy of this SWPPP, and other relevant documents or information that must be kept with the SWPPP.

Staff Training Documentation: Staff Training conducted to meet the requirements of the General Permit shall be documented. Training records shall include employee's name, date of training, brief content/nature of training, and the employee's signature acknowledging training was received. Staff training associated with this permit may be documented on the Employee Training Log that is provided on the MDEQ website. The permittee may use an alternative form to record this information, so long as it includes all of the information on the above referenced form. Employee training documentation shall be maintained on-site with the SWPPP and made available to MDEQ personnel for inspection upon request.

Retention of Records: All records, reports, forms and information resulting from activities required by the General Permit shall be retained for a period of at least three (3) years from the date that the document(s) was generated. Any documents required by the General Permit may be kept electronically but must be readily available during site inspection or upon request.

Appendix A

Large Construction Notice of Intent

APPLICANT IS THE:



OWNER



PRIME CONTRACTOR

OWNER CONTACT INFORMATION

OWNER CONTACT PERSON: Todd Phillips, Vice President

OWNER COMPANY LEGAL NAME: Noon Trace Town, LLC

OWNER STREET OR P.O. BOX: 715 Market Street, Suite 203

OWNER CITY: Chattanooga STATE: TN ZIP: 37402

OWNER PHONE #: (803) 237-5094 OWNER EMAIL: rslattery@irishdevelopment.com

PREPARER CONTACT INFORMATION

IF NOI WAS PREPARED BY SOMEONE OTHER THAN THE APPLICANT

CONTACT PERSON: Christopher Berry

COMPANY LEGAL NAME: Berry Engineers, LLC

STREET OR P.O. BOX: 63 Broad Street NW

CITY: Cleveland STATE: TN ZIP: 37311

PHONE # () 423-790-5880 EMAIL: chris@berryengineers.com

PRIME CONTRACTOR CONTACT INFORMATION

PRIME CONTRACTOR CONTACT PERSON: Robbie Cather

PRIME CONTRACTOR COMPANY LEGAL NAME: The Stewart Perry Company, Inc.

PRIME CONTRACTOR STREET OR P.O. BOX: 4855 Overton Road

PRIME CONTRACTOR CITY: Birmingham STATE: AL ZIP: 35210

PRIME CONTRACTOR PHONE #: (205) 414-6222 PRIME CONTRACTOR EMAIL: rcather@stewartperry.com

FACILITY SITE INFORMATION

FACILITY SITE NAME: Tracetown Shopping Center

FACILITY SITE ADDRESS (If the physical address is not available, please indicate the nearest named road. For linear projects indicate the beginning of the project and identify all counties the project traverses.)

STREET: 55 Sgt Prentiss Rd

CITY: Natchez STATE: MS COUNTY: Adams ZIP: 39120

FACILITY SITE TRIBAL LAND ID (N/A If not applicable):

LATITUDE: 31 degrees 31 minutes 39 seconds LONGITUDE: 91 degrees 23 minutes 15 seconds

LAT & LONG DATA SOURCE (GPS (Please GPS Project Entrance/Start Point) or Map Interpolation): Google Earth

TOTAL ACREAGE THAT WILL BE DISTURBED ¹: 7.1

IS THIS PART OF A LARGER COMMON PLAN OF DEVELOPMENT?	YES ☐	NO ☒
IF YES, NAME OF LARGER COMMON PLAN OF DEVELOPMENT: _____		
AND PERMIT COVERAGE NUMBER: MSR10 _____		
ESTIMATED CONSTRUCTION PROJECT START DATE:	2025-10-01 YYYY-MM-DD	
ESTIMATED CONSTRUCTION PROJECT END DATE:	2026-10-01 YYYY-MM-DD	
DESCRIPTION OF CONSTRUCTION ACTIVITY: <u>grading, erosion control, utilities</u>		
PROPOSED DESCRIPTION OF PROPERTY USE AFTER CONSTRUCTION HAS BEEN COMPLETED: <u>166,000 sf shopping center with associated parking field</u>		

SIC Code: <u>1542</u>	NAICS Code <u>236220</u>
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NEAREST NAMED RECEIVING STREAM: <u>Saint Catherine Creek</u>	
IS RECEIVING STREAM ON MISSISSIPPI'S 303(d) LIST OF IMPAIRED WATER BODIES? (The 303(d) list of impaired waters and TMDL stream segments may be found on MDEQ's web site: http://www.deq.state.ms.us/MDEQ.nsf/page/TWB_Total_Maximum_Daily_Load_Section)	YES ☐ NO ☒
HAS A TMDL BEEN ESTABLISHED FOR THE RECEIVING STREAM SEGMENT?	YES ☒ NO ☐
FOR WHICH POLLUTANT: <u>Nutrients and organic enrichment/low dissolved oxygen</u>	
ARE THERE RECREATIONAL STREAMS, PRIVATE/PUBLIC PONDS OR LAKES WITHIN ½ MILE DOWNSTREAM OF PROJECT BOUNDARY THAT MAY BE IMPACTED BY THE CONSTRUCTION ACTIVITY?	YES ☐ NO ☒
EXISTING DATA DESCRIBING THE SOIL (for linear projects please describe in SWPPP): <u>Gullied Land and Memphis silt loam</u>	
WILL FLOCCULANTS BE USED TO TREAT TURBIDITY IN STORM WATER?	YES ☐ NO ☒
IF YES, INDICATE THE TYPE OF FLOCCULANT.	☐ ANIONIC POLYACRYLAMIDE (PAM) ☐ OTHER _____
IF YES, DOES THE SWPPP DESCRIBE THE METHOD OF INTRODUCTION, THE LOCATION OF INTRODUCTION AND THE LOCATION OF WHERE FLOCCULATED MATERIAL WILL SETTLE?	
IS A SDS SHEET INCLUDED FOR THE FLOCCULATE?	YES ☐ NO ☐
WILL THERE BE A 50 FT BUFFER BETWEEN THE PROJECT DISTURBANCE AND THE WATERS OF THE STATE?	YES ☒ NO ☐
IF NOT, PROVIDE EQUIVALENT CONTROL MEASURES IN THE SWPPP.	

¹ Acreage for subdivision development includes areas disturbed by construction of roads, utilities and drainage. Additionally, a housesite of at least 10,000 ft² per lot (entire lot, if smaller) shall be included in calculating acreage disturbed.

DOCUMENTATION OF COMPLIANCE WITH OTHER REGULATIONS/REQUIREMENTS
COVERAGE UNDER THIS PERMIT WILL NOT BE GRANTED UNTIL ALL OTHER REQUIRED
MDEQ PERMITS AND APPROVALS ARE SATISFACTORILY ADDRESSED

IS LCNOI FOR A FACILITY THAT WILL REQUIRE OTHER PERMITS?

YES ☒ NO ☐

IF YES, CHECK ALL THAT APPLY: ☐ AIR ☐ HAZARDOUS WASTE ☐ PRETREATMENT
☐ WATER STATE OPERATING ☐ INDIVIDUAL NPDES ☒ OTHER: Brownfield

IS THE PROJECT REROUTING, FILLING OR CROSSING A WATER CONVEYANCE OF ANY KIND? (If yes, contact the U.S. Army Corps of Engineers' Regulatory Branch for permitting requirements.) YES ☐ NO ☒

IF THE PROJECT REQUIRES A CORPS OF ENGINEER SECTION 404 PERMIT, PROVIDE APPROPRIATE DOCUMENTATION THAT:

- The project has been approved by individual permit, or
- The work will be covered by a nationwide permit and NO NOTIFICATION to the Corps is required, or
- The work will be covered by a nationwide or general permit and NOTIFICATION to the Corps is required

IS THE PROJECT REROUTING, FILLING OR CROSSING A STATE WATER CONVEYANCE OF ANY KIND? (If yes, please provide an antidegradation report.) YES ☐ NO ☒

IS A LAKE REQUIRING THE CONSTRUCTION OF A DAM BEING PROPOSED? (If yes, provide appropriate approval documentation from MDEQ Office of Land and Water, Dam Safety.) YES ☐ NO ☒

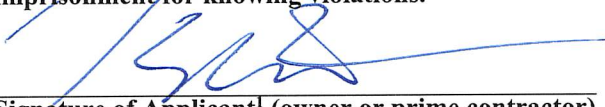
IF THE PROJECT IS A SUBDIVISION OR A COMMERCIAL DEVELOPMENT, HOW WILL SANITARY SEWAGE BE DISPOSED? Check one of the following and attach the pertinent documents.

- ☒ Existing Municipal or Commercial System. Please attach plans and specifications for the collection system and the associated "Information Regarding Proposed Wastewater Projects" form or approval from County Utility Authority in Hancock, Harrison, Jackson, Pearl River and Stone Counties. If the plans and specifications can not be provided at the time of LCNOI submittal, MDEQ will accept written acknowledgement from official(s) responsible for wastewater collection and treatment that the flows generated from the proposed project can and will be transported and treated properly. The letter must include the estimated flow.
- ☐ Collection and Treatment System will be Constructed. Please attach a copy of the cover of the NPDES discharge permit from MDEQ or indicate the date the application was submitted to MDEQ (Date: _____.)
- ☐ Individual Onsite Wastewater Disposal Systems for Subdivisions Less than 35 Lots. Please attach a copy of the Letter of General Acceptance from the Mississippi State Department of Health or certification from a registered professional engineer that the platted lots should support individual onsite wastewater disposal systems.
- ☐ Individual Onsite Wastewater Disposal Systems for Subdivisions Greater than 35 Lots. A determination of the feasibility of installing a central sewage collection and treatment system must be made by MDEQ. A copy of the response from MDEQ concerning the feasibility study must be attached. If a central collection and wastewater system is not feasible, then please attach a copy of the Letter of General Acceptance from the State Department of Health or certification from a registered professional engineer that the platted lots should support individual onsite wastewater disposal systems.

INDICATE ANY LOCAL STORM WATER ORDINANCE (I.E. MS4) WITH WHICH THE PROJECT MUST COMPLY:

City of Natchez

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.


Signature of Applicant¹ (owner or prime contractor)

7/17/25
Date Signed

TODD PHILLIPS
of NOON TRACE TOWN, LLC
Printed Name¹

VICE PRESIDENT
Title

¹This application shall be signed as follows:

- For a corporation, by a responsible corporate officer.
- For a partnership, by a general partner.
- For a sole proprietorship, by the proprietor.

For a municipal, state or other public facility, by principal executive officer, mayor, or ranking elected official

Please submit the LCNOI form to:

Chief, Environmental Permits Division
MS Department of Environmental Quality, Office of Pollution Control
P.O. Box 2261
Jackson, Mississippi 39225

Electronically:

<https://www.mdeq.ms.gov/construction-stormwater/>

Revised 3/23/22

Appendix B

Site Inspection and Certification Form

**LARGE CONSTRUCTION GENERAL PERMIT
SITE INSPECTION AND CERTIFICATION FORM
COVERAGE NUMBER (MSR10 ____)**



INSTRUCTIONS

Results of construction storm water inspections required by ACT6 of this permit shall be recorded on this report form and kept with the Storm Water Pollution Prevention Plan (SWPPP) in accordance with the inspection documentation provisions of ACT9 of the this permit. Inspections shall be performed at least weekly for a minimum of four inspections per month. The coverage number must be listed at the top of all Inspection and Certification Forms.

COVERAGE RECIPIENT INFORMATION

OWNER/PRIME CONTRATOR NAME: _____
PROJECT NAME: _____
PROJECT STREET ADDRESS: _____
PROJECT CITY: _____ PROJECT COUNTY: _____
OWNER/PRIME CONTRACTOR MAILING ADDRESS: _____
MAILING CITY: _____ STATE: _____ ZIP: _____
CONTACT PERSON: _____ CONTACT PHONE NUMBER: (____) _____
EMAIL ADDRESS: _____

INSPECTION DOCUMENTATION

DATE (mo/day/yr)	TIME (hr:min AM/PM)	ANY DEFICIENCIES? (CHECK IF YES)	INSPECTOR(S)
		☐	
		☐	
		☐	
		☐	
		☐	
		☐	

Deficiencies Noted During any Inspection (give date(s); attach additional sheets if necessary): _____

Corrective Action Taken or Planned (give date(s); attach additional sheets if necessary): _____

Based upon this inspection, which I or personnel under my direct supervision conducted, I certify that all erosion and sediment controls have been implemented and maintained, except for those deficiencies noted above, in accordance with the Storm Water Pollution Prevention Plan (SWPPP) and sound engineering practices as required by the above referenced permit. I further certify that the LCNOI and SWPPP information is up to date.

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 gather and evaluate the information submitted. Based on my inquiry of the person or persons 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 fines and imprisonment for knowing violations.

Authorized Signature

Date

Printed Name

Title

Appendix C

Request for Transfer of Permit, General Permit Coverage and/or Name
Change

Environmental Permits for Industrial Facilities

Request for Transfer of Permit, General Permit Coverage and/or Name Change

Instructions: For Ownership Change-Complete all Items on Page 1 (except Item VIII) and Page 2 (reverse side).
For Name Change Only-Complete Items I, II, V, VI, VII, VIII, and Page 2 (reverse side).

Note-This form should be submitted to MDEQ when a transferal date is finalized but prior to the actual transfer.

Item I. Facility Name: _____ Location: (Do Not Use P.O. Box) Street: _____ City: _____ State: <u>MS</u> Zip: _____ County: _____ Telephone: (____) _____	Item II. Responsible official after transfer or name change: Name: _____ Title: _____ Mailing Address: Street/P.O. Box: _____ City: _____ State: _____ Zip: _____ Telephone (____) _____ Email: _____								
Item III. Previous Permittee ¹ : _____ Mailing Address: Street/P.O. Box: _____ City: _____ State: _____ Zip: _____ Telephone: (____) _____	Item IV. New Permittee ¹ : _____ Mailing Address: Street/P.O. Box: _____ City: _____ State: _____ Zip: _____ Telephone: (____) _____ Email: _____								
Item V. Industrial Activity SIC Code: _____ Brief Description: _____	Item VI. Will Facility Operations Change? Yes ☐ No ☐ If yes, the appropriate applications and permits may require modification prior to change.								
Item VII. Will Facility Name Change? Yes ☐ No ☐ If Yes, Provide New Name for Permit Coverage. New Name: _____	Item VIII. Signature for Name Change Print Name: _____ Authorized Signature ² : _____ Title: _____ Date: _____								
Item IX. We the undersigned request transfer of permit(s) and/or permit coverage(s) listed on the backside of this form. From: _____ To: _____ Acquisition Date: _____ By signature below, the recipient certifies that: 1) they are aware of the requirements of the permit(s), 2) the applicant can demonstrate to the Permit Board it has the financial resources and operational expertise and 3) agrees to accept responsibility and liability for the permit(s) listed on the back of this document. By signature below, the previous permittee is requesting that the permit(s) and/or permit coverage(s) be transferred to the recipient. The transfer of the permit(s) or permit coverage(s) will be by written notification from the Office of Pollution Control (OPC). The OPC may require submittal of information regarding financial capability and past compliance history of the recipient. <table style="width: 100%;"><tr><td style="width: 50%;"> _____ Print New Permittee¹ Name</td><td style="width: 50%;"> _____ Print Previous Permittee¹ Name</td></tr><tr><td> _____ New Authorized Signature²</td><td> _____ Previous Authorized Signature²</td></tr><tr><td> _____ Title</td><td> _____ Title</td></tr><tr><td> _____ Date</td><td> _____ Date</td></tr></table>		 _____ Print New Permittee ¹ Name	 _____ Print Previous Permittee ¹ Name	 _____ New Authorized Signature ²	 _____ Previous Authorized Signature ²	 _____ Title	 _____ Title	 _____ Date	 _____ Date
 _____ Print New Permittee ¹ Name	 _____ Print Previous Permittee ¹ Name								
 _____ New Authorized Signature ²	 _____ Previous Authorized Signature ²								
 _____ Title	 _____ Title								
 _____ Date	 _____ Date								

¹A Permittee is a company or individual that has been issued an individual permit or coverage under a general permit.

²Authorized Signature must be owner or in the case of a corporation, a corporate officer as defined in Regulations 11 Miss. Admin. Code Pt. 2, Ch. 2 and Pt. 6, Ch. 1.

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Mississippi Department of Environmental Quality/Office of Pollution Control
P.O. Box 2261
Jackson, Mississippi 39225-2261
(601) 961-5171

Item X. Storm Water (Check One) ☐ A Storm Water Pollution Prevention Plan (SWPPP) is not required for the site. ☐ The recipient certifies that they have received a copy of the Office of Pollution Control approved SWPPP from the original owner. ☐ The recipient is submitting a new SWPPP, which is attached to this form. ☐ A copy of the SWPPP cannot be obtained from the original owner.	Item XI. Hazardous Waste ID Number EPA ID No. _____ (Check One) ☐ An EPA Hazardous Waste ID Number is not required for the site. ☐ The site's EPA ID Number is listed above and a Notification of Regulated Waste Activity Form is attached.
Item XII. Permit(s) and/or Coverage(s) to be Transferred	
Permit Type: _____ Permit/Coverage No.: _____ Permit Issuance Date: _____ Date of General Permit Coverage: _____ Permit Expiration Date: _____	Permit Type: _____ Permit/Coverage No.: _____ Permit Issuance Date: _____ Date of General Permit Coverage: _____ Permit Expiration Date: _____
Permit Type: _____ Permit/Coverage No.: _____ Permit Issuance Date: _____ Date of General Permit Coverage: _____ Permit Expiration Date: _____	Permit Type: _____ Permit/Coverage No.: _____ Permit Issuance Date: _____ Date of General Permit Coverage: _____ Permit Expiration Date: _____
Permit Type: _____ Permit/Coverage No.: _____ Permit Issuance Date: _____ Date of General Permit Coverage: _____ Permit Expiration Date: _____	Permit Type: _____ Permit/Coverage No.: _____ Permit Issuance Date: _____ Date of General Permit Coverage: _____ Permit Expiration Date: _____
Permit Type: _____ Permit/Coverage No.: _____ Permit Issuance Date: _____ Date of General Permit Coverage: _____ Permit Expiration Date: _____	OTHER INFORMATION:

Appendix D

Request for Termination of Coverage

Request for Termination (RFT) of Coverage



LARGE CONSTRUCTION GENERAL PERMIT
Coverage No. MSR10 _____ County _____
(Fill in your Certificate of Coverage Number and County)

This form must be submitted within thirty (30) days of achieving final stabilization (see ACT10, S-1 of general permit). Failure to submit this form is a violation of permit conditions.

Color photographs, representative of the stabilized construction site, must be submitted with this form.

The signatory of this form must be the owner or operator (prime contractor) who is the current coverage recipient (rather than the project manager or environmental consultant).

(Please Print or Type)

Project Name _____

Physical Site Street Address (if not available, indicate nearest named road): _____

City: _____ County: _____ Zip: _____

Latitude: _____ degrees _____ minutes _____ seconds Longitude: _____ degrees _____ minutes _____ seconds

Lat & Long Data source (GPS or Map Interpolation): _____

Coverage Recipient Company Name: _____

Street Address / P.O. Box: _____

City: _____ State: _____ Zip: _____

Coverage Recipient Contact Name and Position: _____ Tel. #: (____) _____

EMAIL: _____

Has another owner(s) or operator(s) assumed control over all areas of the site that have not reached final stabilization?

RESIDENTIAL SUBDIVISIONS:

- ☐ YES. A copy of the Registration Form for Residential Lot Coverage for each lot or out parcel that has been sold and a site map, indicating which lots have been sold, are attached.
- ☐ NO. Coverage may not be terminated until all areas have reached final stabilization.

COMMERCIAL DEVELOPMENT:

- ☐ YES. A copy of the site map, indicating which out-parcels have been sold, is attached.
- ☐ NO. Coverage may not be terminated until all areas have reached final stabilization.

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 fines and imprisonment for knowing violations. I understand that by submitting this Request for Termination and receiving written confirmation, I will no longer be authorized to discharge storm water associated with construction activity under this general permit. Discharging pollutants associated with construction activity to waters of the State without proper permit coverage is a violation of state law. I also understand that the submittal of this Request for Termination does not release an owner or operator from liability for any violations of this permit or the Clean Water Act.

Authorized Name (Print) _____ Telephone _____ Signature _____ Date Signed _____

¹This application shall be signed according to the General Permit, ACT11, T-7 as follows:

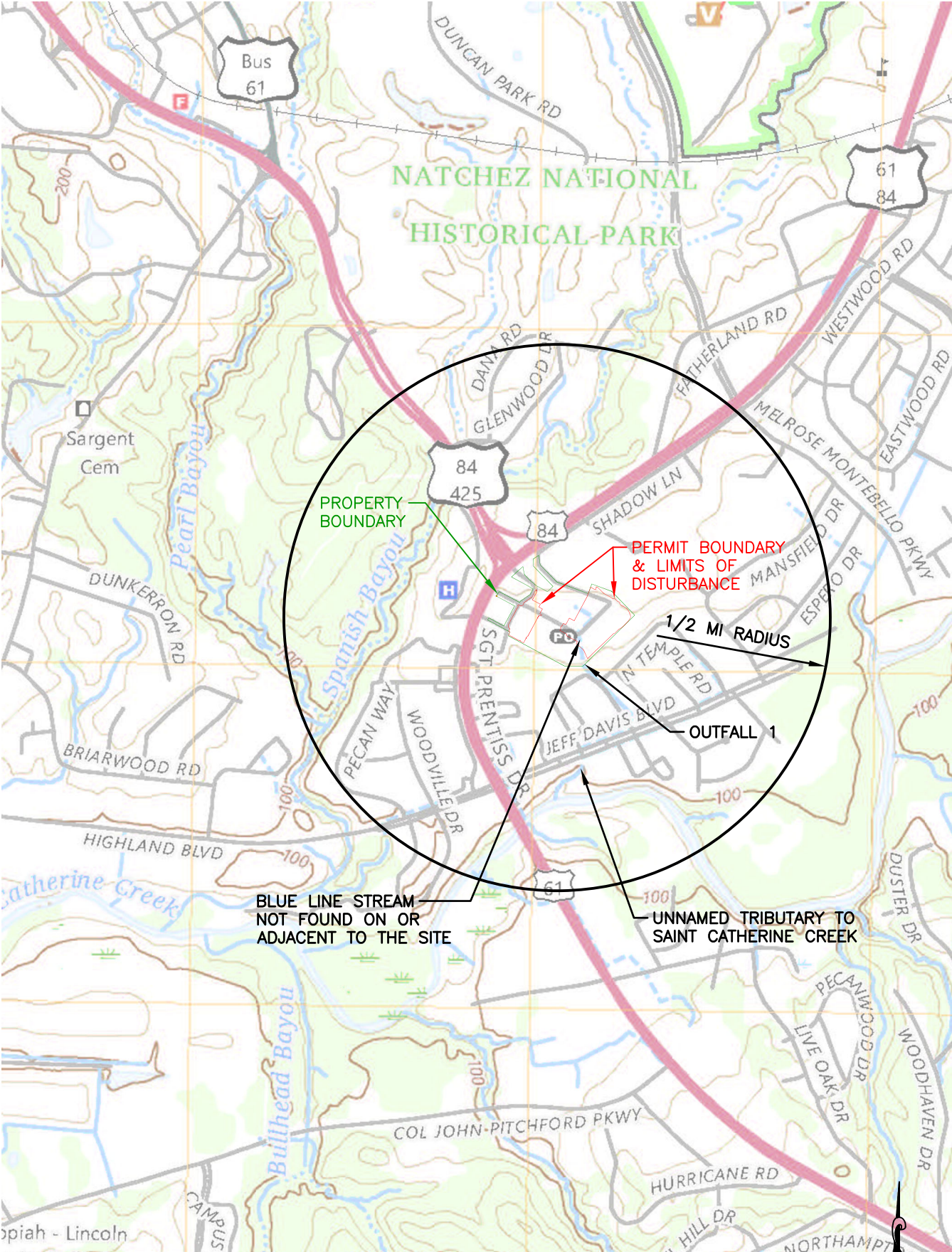
- For a corporation, by a responsible corporate officer.
- For a partnership, by a general partner.
- For a sole proprietorship, by the proprietor.
- For a municipal, state or other public facility, by principal executive officer, mayor, or ranking elected official.

After signing please mail to: Chief, Environmental Permits Division
MS Department of Environmental Quality, Office of Pollution Control
P.O. Box 2261
Jackson, Mississippi 39225

Electronically: <https://www.mdeq.ms.gov/construction-stormwater/>

Appendix E

Site Location Map



SITE LOCATION MAP

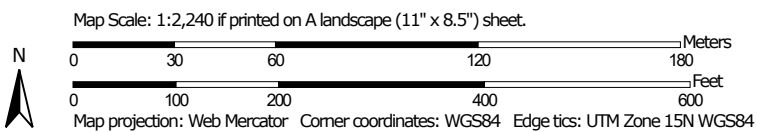
SCALE=1:24000



Soil Map—Adams County, Mississippi



Soil Map may not be valid at this scale.



**Natural Resources
Conservation Service**

Web Soil Survey
National Cooperative Soil Survey

7/17/2025
Page 1 of 3

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: Adams County, Mississippi

Survey Area Data: Version 22, Sep 6, 2024

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

Date(s) aerial images were photographed: Nov 16, 2021—Dec 23, 2021

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
Gu	Gullied land	2.3	17.1%
MeB2	Memphis silt loam, 2 to 5 percent slopes, eroded	2.1	16.3%
MeC2	Memphis silt loam, 5 to 8 percent slopes, eroded	8.6	65.4%
MeD	Memphis silt loam, 8 to 17 percent slopes	0.2	1.2%
Totals for Area of Interest		13.2	100.0%

Map Unit Description

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions in this report, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named, soils that are similar to the named components, and some minor components that differ in use and management from the major soils.

Most of the soils similar to the major components have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Some minor components, however, have properties and behavior characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. All the soils of a series have major horizons that are similar in composition, thickness, and arrangement. Soils of a given series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Additional information about the map units described in this report is available in other soil reports, which give properties of the soils and the limitations, capabilities, and potentials for many uses. Also, the narratives that accompany the soil reports define some of the properties included in the map unit descriptions.

Report—Map Unit Description

Adams County, Mississippi

Gu—Gullied land

Map Unit Setting

National map unit symbol: m1fl

Mean annual precipitation: 60 to 75 inches

Mean annual air temperature: 64 to 70 degrees F

Frost-free period: 270 to 335 days

Farmland classification: Not prime farmland

Map Unit Composition

Gullied land: 95 percent

Minor components: 5 percent

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

Description of Gullied Land

Setting

Landform position (two-dimensional): Backslope

Landform position (three-dimensional): Side slope

Down-slope shape: Linear

Across-slope shape: Concave

Parent material: Silty loess deposits

Typical profile

H1 - 0 to 9 inches: silt loam

H2 - 9 to 23 inches: silty clay loam

H3 - 23 to 80 inches: silt loam

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7e

Ecological site: F134XY108MS - Southern Deep Loess Backslope
- PROVISIONAL

Hydric soil rating: No

Minor Components

Unnamed hydric soils (134dr)

Percent of map unit: 5 percent

Landform: Drainageways

Landform position (three-dimensional): Dip

Down-slope shape: Linear

Across-slope shape: Linear

Hydric soil rating: Yes

MeB2—Memphis silt loam, 2 to 5 percent slopes, eroded

Map Unit Setting

National map unit symbol: m1fs

Elevation: 50 to 510 feet

Mean annual precipitation: 60 to 75 inches

Mean annual air temperature: 64 to 70 degrees F

Frost-free period: 270 to 335 days

Farmland classification: All areas are prime farmland

Map Unit Composition

Memphis and similar soils: 90 percent

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

Description of Memphis

Setting

Landform position (two-dimensional): Shoulder

Landform position (three-dimensional): Side slope

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Loess deposits

Typical profile

H1 - 0 to 5 inches: silt loam

H2 - 5 to 33 inches: silty clay loam

H3 - 33 to 80 inches: silt loam

Properties and qualities

Slope: 2 to 5 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Low

Capacity of the most limiting layer to transmit water

(Ksat): Moderately high to high (0.60 to 2.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Available water supply, 0 to 60 inches: Very high (about 12.9 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 2e

Hydrologic Soil Group: B

Ecological site: F134XY107MS - Southern Deep Loess Summit - PROVISIONAL

Hydric soil rating: No

MeC2—Memphis silt loam, 5 to 8 percent slopes, eroded

Map Unit Setting

National map unit symbol: 2sscd

Elevation: 280 to 380 feet

Mean annual precipitation: 54 to 59 inches

Mean annual air temperature: 61 to 65 degrees F

Frost-free period: 250 to 335 days

Farmland classification: Farmland of statewide importance

Map Unit Composition

Memphis and similar soils: 95 percent

Minor components: 5 percent

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

Description of Memphis

Setting

Landform: Interfluves

Landform position (two-dimensional): Summit, shoulder, backslope

Landform position (three-dimensional): Side slope

Down-slope shape: Linear

Across-slope shape: Convex, linear

Parent material: Silty loess

Typical profile

Ap - 0 to 3 inches: silt loam

E - 3 to 9 inches: silt loam

Bt1 - 9 to 16 inches: silt loam

Bt2 - 16 to 44 inches: silt loam

Bt3 - 44 to 67 inches: silt loam

Bt4 - 67 to 79 inches: silt loam

Properties and qualities

Slope: 5 to 8 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: High

Capacity of the most limiting layer to transmit water

(Ksat): Moderately high to high (0.60 to 2.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Available water supply, 0 to 60 inches: Very high (about 13.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 3e

Hydrologic Soil Group: B

Ecological site: F134XY107MS - Southern Deep Loess Summit -

PROVISIONAL, F134XY002TN - Northern Deep Loess

Summit, F134XY007AL - Northern Loess Terrace -

PROVISIONAL

Hydric soil rating: No

Minor Components

Loring

Percent of map unit: 5 percent

Landform: Ridges

Landform position (two-dimensional): Summit, shoulder

Landform position (three-dimensional): Interfluve, side slope

Down-slope shape: Linear

Across-slope shape: Linear

Ecological site: F134XY012AL - Northern Loess Fragipan Upland -

PROVISIONAL, F134XY013AL - Northern Loess Fragipan

Terrace - PROVISIONAL, F134XY105MS - Southern Rolling
Plains Loess Fragipan Upland - PROVISIONAL
Hydric soil rating: No

MeD—Memphis silt loam, 8 to 17 percent slopes

Map Unit Setting

National map unit symbol: m1fv
Elevation: 100 to 430 feet
Mean annual precipitation: 60 to 75 inches
Mean annual air temperature: 64 to 70 degrees F
Frost-free period: 270 to 335 days
Farmland classification: Not prime farmland

Map Unit Composition

Memphis and similar soils: 90 percent
Minor components: 2 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Memphis

Setting

Landform position (two-dimensional): Shoulder
Landform position (three-dimensional): Side slope
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Loess deposits

Typical profile

H1 - 0 to 9 inches: silt loam
H2 - 9 to 23 inches: silty clay loam
H3 - 23 to 77 inches: silt loam

Properties and qualities

Slope: 8 to 17 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Medium
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 1.98 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water supply, 0 to 60 inches: Very high (about 13.0 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 6e
Hydrologic Soil Group: B
Ecological site: F134XY108MS - Southern Deep Loess Backslope
- PROVISIONAL

Hydric soil rating: No

Minor Components

Unnamed hydric soils (134dr)

Percent of map unit: 2 percent

Landform: Drainageways

Landform position (three-dimensional): Dip

Down-slope shape: Linear

Across-slope shape: Linear

Hydric soil rating: Yes

Data Source Information

Soil Survey Area: Adams County, Mississippi

Survey Area Data: Version 22, Sep 6, 2024

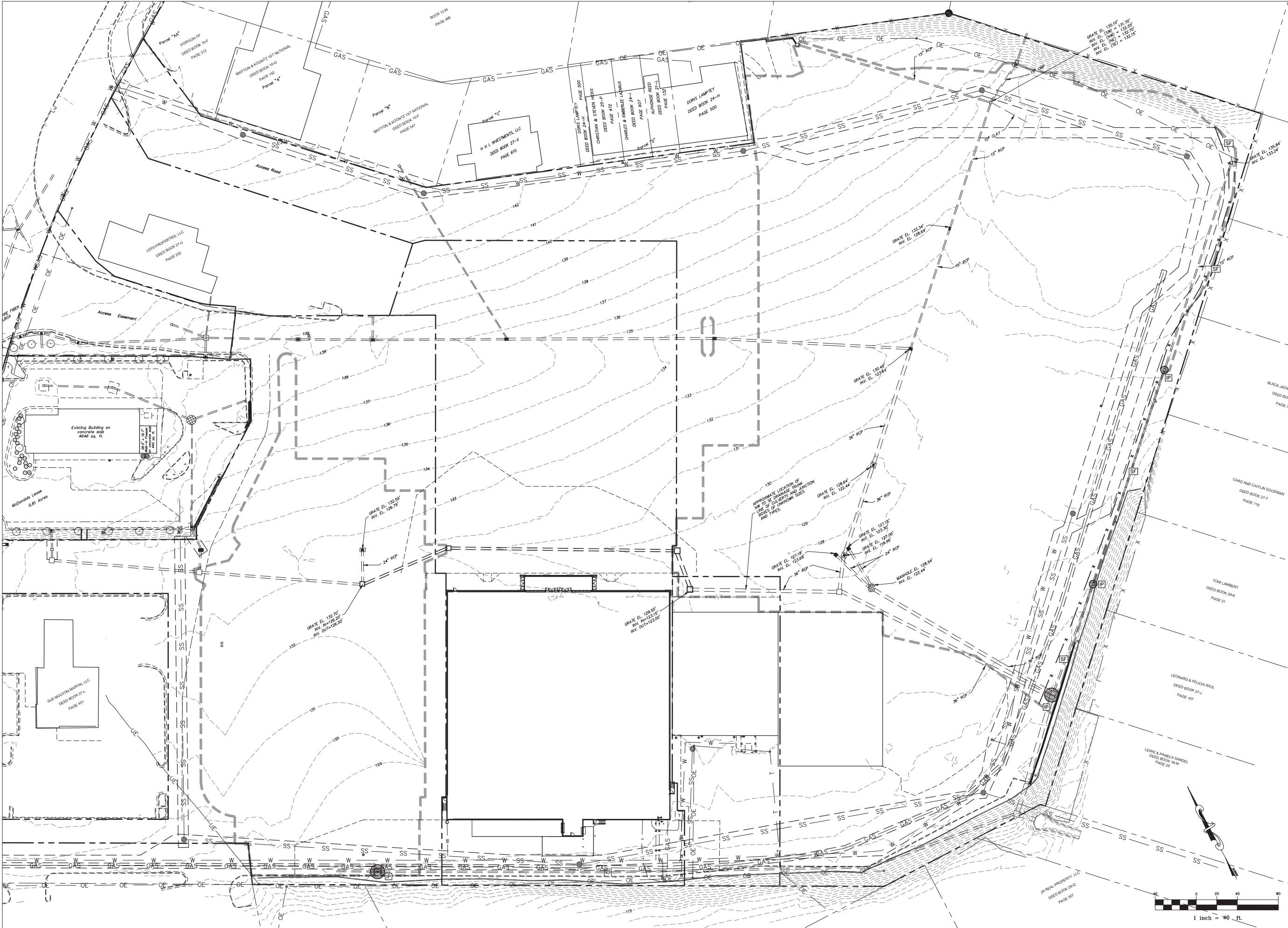
Appendix F

Stabilization Plan

Table PS-1 Commonly Used Plants for Permanent Cover with Seeding Rates and Dates

Species	Seeding Rates/Ac	Planting Time	Desired pH Range	Fertilization Rate/Acre	Method of Establishment	Zone of Adaptability	Native / Introduced
Common Bermuda	15 lbs. alone 10lbs. mix	3/1 – 7/15 9/1 – 11/30	6.0 – 7.0	600 lbs. 13-13-13	Seed or sod	All	Introduced * Potential for Invasiveness
Bahia	40 lbs. alone 30 lbs. mix	3/1 – 7/15 9/1 – 11/30	6.0 – 7.0	600 lbs. 13-13-13	Seed	Central and South	Introduced
Fescue	40 lbs. alone 30 lbs. mix	9/1 – 11/30	6.0 – 7.0	600 lbs. 13-13-13	Seed	North and Central	Native
Saint Augustine	--	3/1 – 7/15	6.0 – 7.0	600 lbs. 13-13-13	Sod only	Central and South	Native
Centipede	4 lbs. alone 2.5 lbs mix	3/1 – 7/15	6.0 – 7.0	600 lbs. 13-13-13	Seed or sod	All	Introduced
Carpet Grass	15 lbs. alone 10 lbs. mix	3/1 – 7/15	6.0 – 7.0	600 lbs. 13-13-13	Seed or sod	All	Native
Zoysia Grass	--	3/1 – 7/15	6.0 – 7.0	600 lbs. 13-13-13	Sod only	All	Introduced
Creeping Red Fescue	30 lbs. alone 22.5 lbs. mix	9/1 – 11/30	6.0 – 7.0	600 lbs. 13-13-13	Seed	All	Native
Weeping Lovegrass	10 lbs. alone 5 lbs. mix	3/1 – 7/15	6.0 – 7.0	600 lbs. 13-13-13	Seed	All	Introduced
*Wheat	90 lbs. alone	9/1 – 11/30	6.0 – 7.0	600 lbs 13-13-13	Seed	All	Native
*Ryegrass	30 lbs.	9/1 – 11/30	6.0 – 7.0	600 lbs 13-13-13	Seed	All	Native
*White Clover	5 lbs.	9/1 – 11/30	6.0 – 7.0	400 lbs 6-24-24	Seed	All	Introduced
*Crimson Clover	15 lbs.	9/1 – 11/30	6.0 – 7.0	400 lbs 6-24-24	Seed	All	Introduced
Sericea Lespedeza	40 lbs.	3/1 – 7/15 9/1 – 11/30	6.0 – 7.0	400 lbs. 13-13-13	Seed	All	Introduced
*Hairy Vetch	30 lbs.	9/1 – 11/30	6.0 – 7.0	400 lbs 6-24-24	Seed	All	Introduced
*Browntop Millet	40 lbs. alone 15 lbs. mix	4/1 – 8/30	6.0 – 7.0	600 lbs 13-13-13	Seed	All	Introduced

* Note on Annuals: For permanent seeding, annuals can only be used in a mixture with perennials.



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CHATTANOOGA, TN 37402

PROJECT:

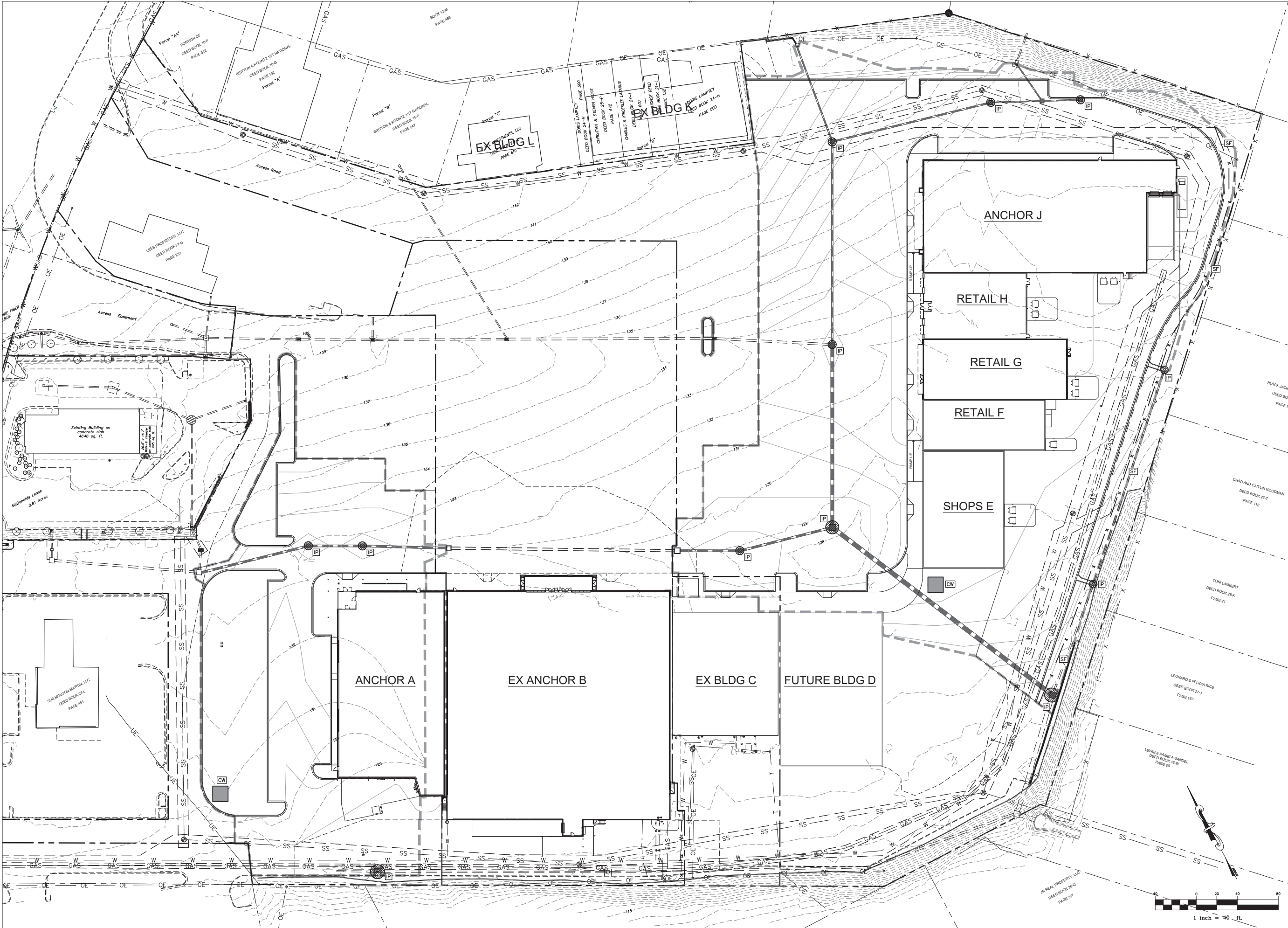
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NATCHEZ, MS 39120



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SHEET NAME:
EROSION CONTROL
PLAN - PHASE I

DATE: 06/20/2025
DRAWN BY: JDS
CHECKED BY: CMB
PROJECT NO.: 25025
SHEET NUMBER:
C-04.1



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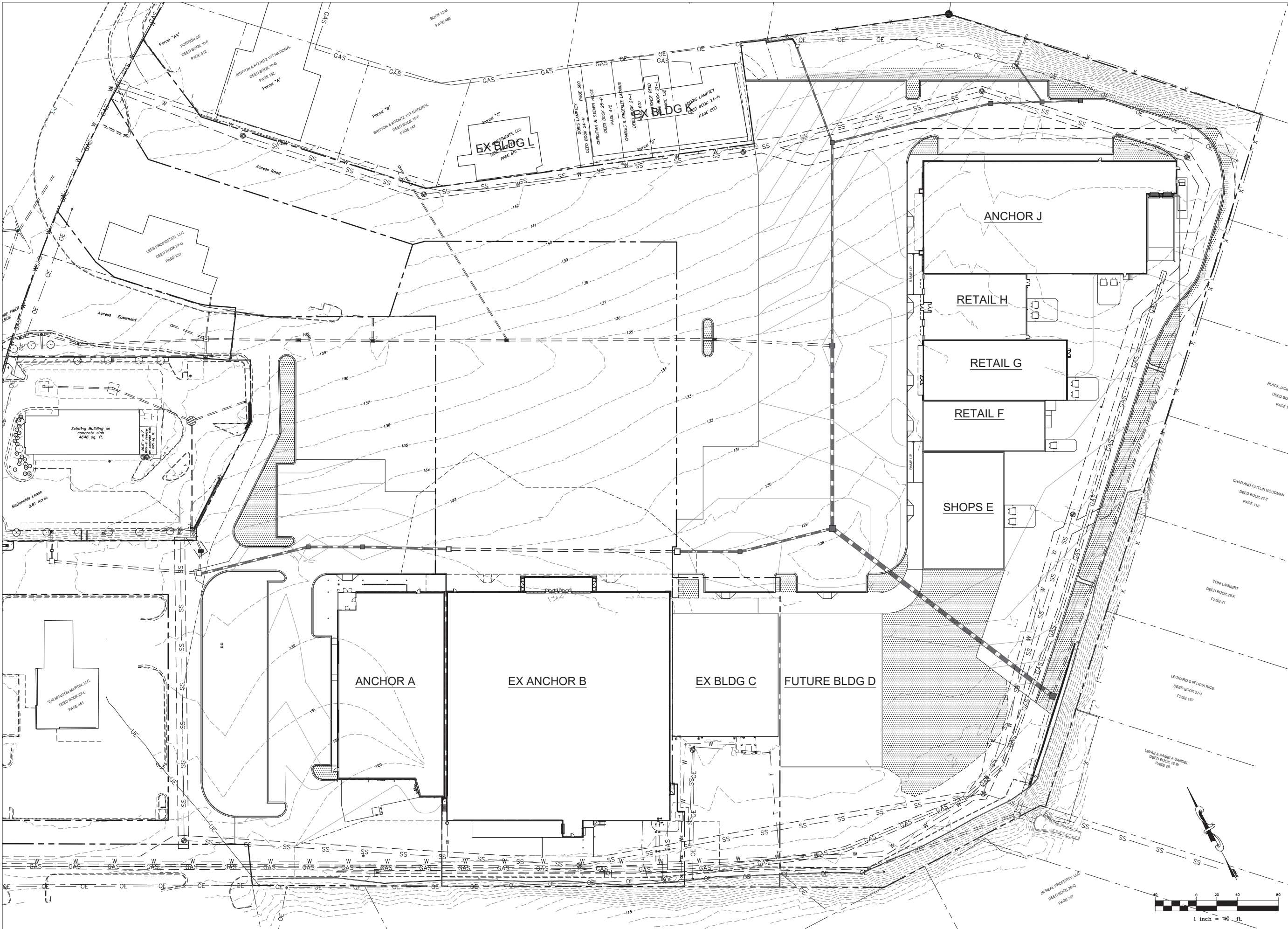
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SHEET NAME:
EROSION CONTROL
PLAN - PHASE 2

DATE: 06/20/2025
DRAWN BY: JDS
CHECKED BY: CMB
PROJECT NO.: 25025
SHEET NUMBER:
C-04.2



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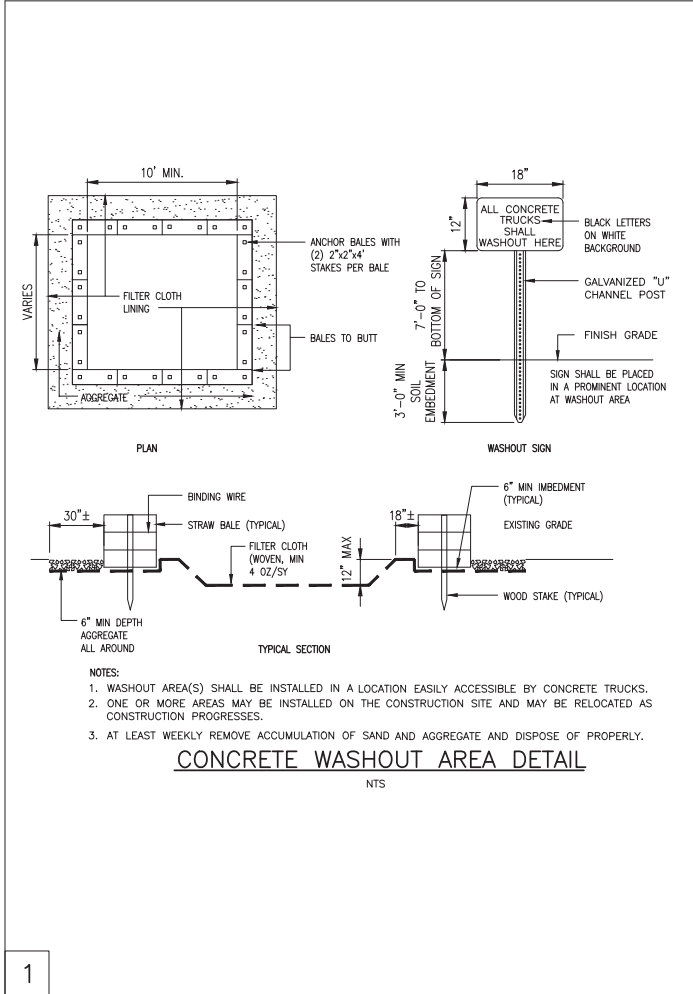
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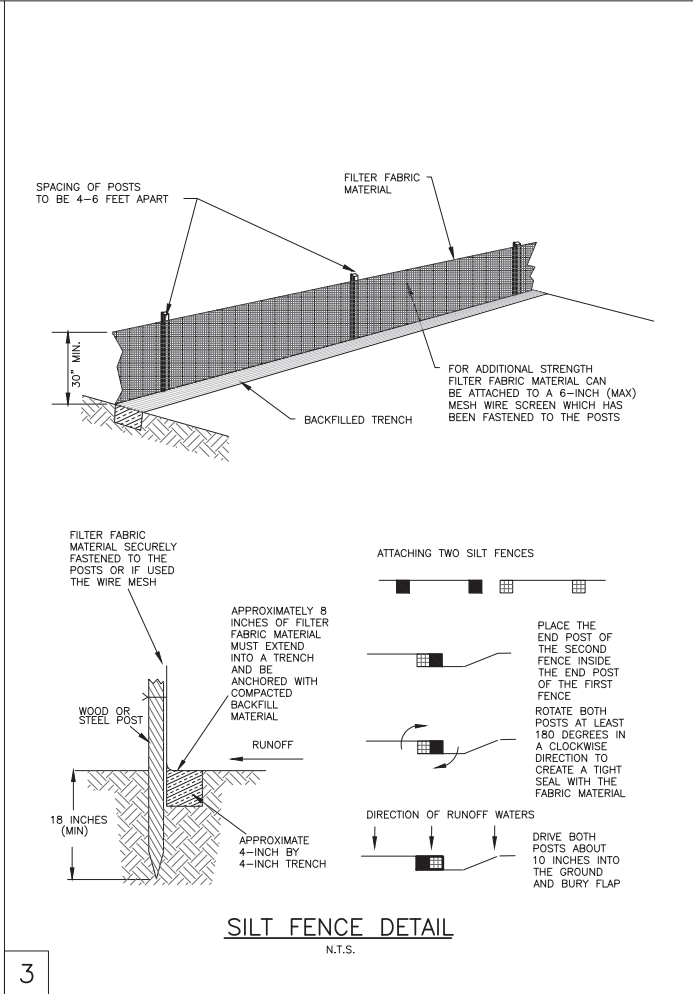
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SHEET NAME:
EROSION CONTROL
PLAN - PHASE 3

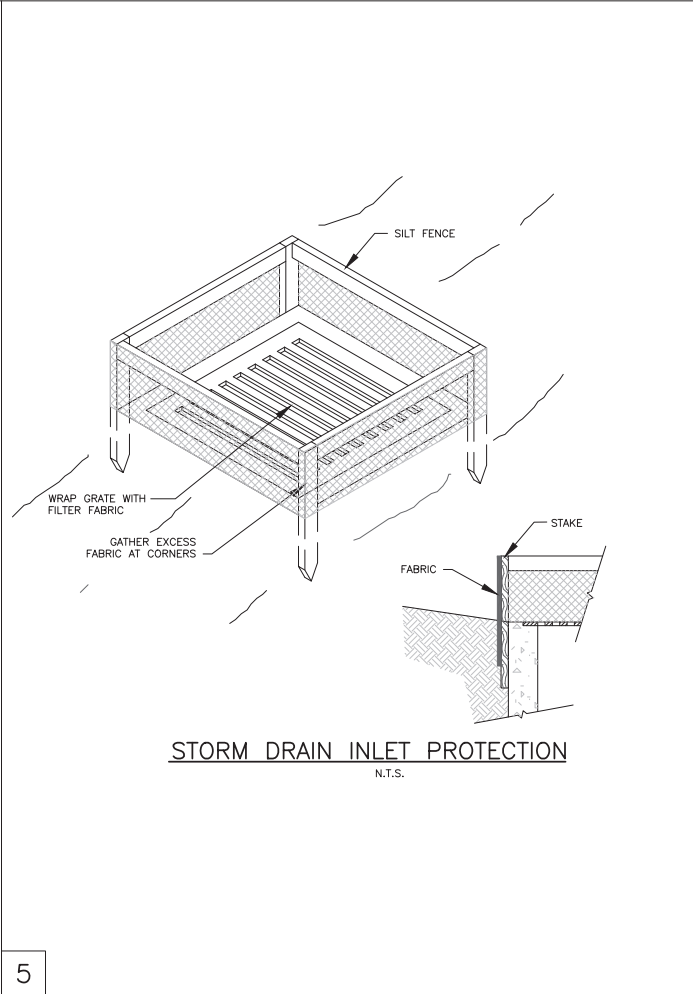
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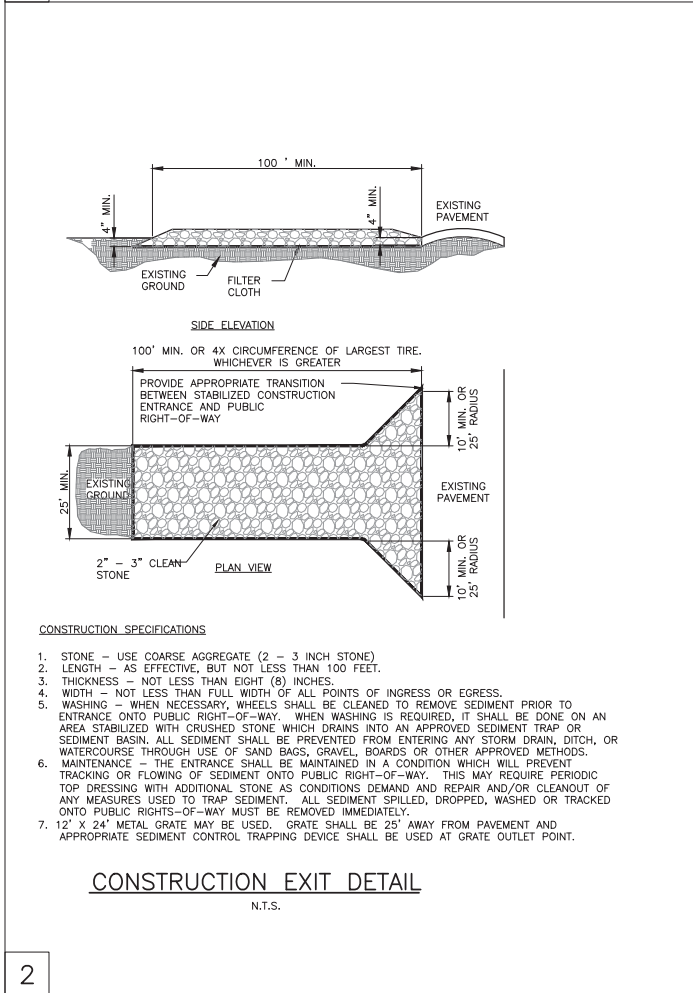
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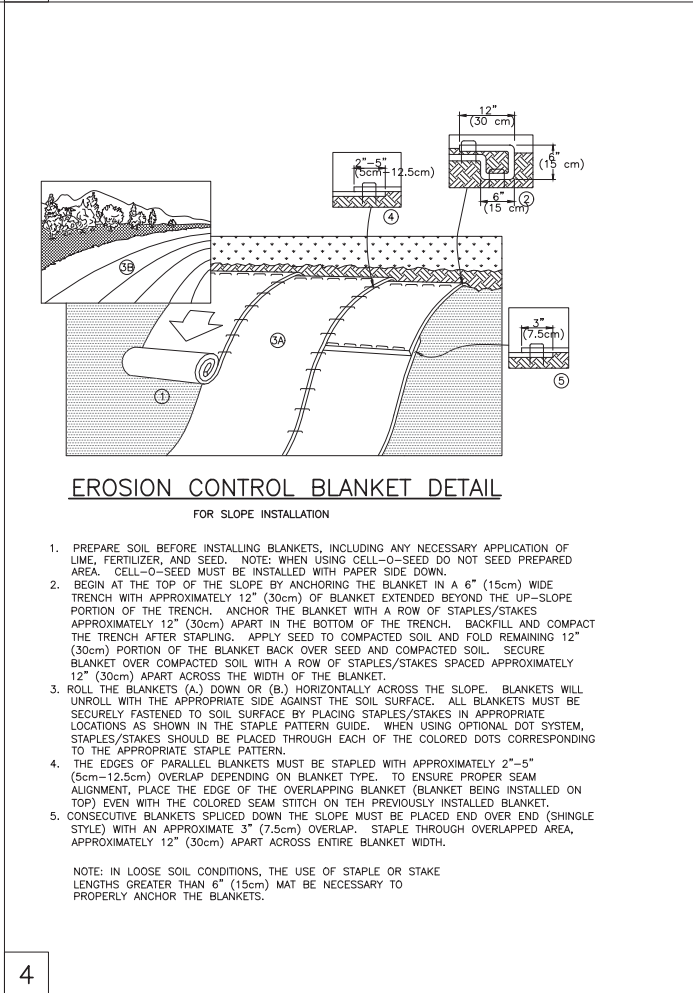
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TABLE PS-1 COMMONLY USED PLANTS FOR PERMANENT COVER WITH SEEDING RATES AND DATES							
Species	Seeding Rates/Ac	Planting Time	Desired pH Range	Fertilization Rate/Acre	Method of Establishment	Zone of Adaptability	Native / Introduced
Common Bermuda	15 lbs. alone 10 lbs. mix	3/1 - 7/15 9/1 - 11/30	6.0 - 7.0	600 lbs. 13-13-13	Seed or sod	All	Introduced * Potential for Invasiveness
Bahia	40 lbs. alone 30 lbs. mix	3/1 - 7/15 9/1 - 11/30	6.0 - 7.0	600 lbs. 13-13-13	Seed	Central and South	Introduced
Fescue	40 lbs. alone 30 lbs. mix	9/1 - 11/30	6.0 - 7.0	600 lbs. 13-13-13	Seed	North and Central	Native
Saint Augustine	-	3/1 - 7/15	6.0 - 7.0	600 lbs. 13-13-13	Sod only	Central and South	Native
Centipede	4 lbs. alone 2.5 lbs mix	3/1 - 7/15	6.0 - 7.0	600 lbs. 13-13-13	Seed or sod	All	Introduced
Carpet Grass	15 lbs. alone 10 lbs. mix	3/1 - 7/15	6.0 - 7.0	600 lbs. 13-13-13	Seed or sod	All	Native
Zoysia Grass	-	3/1 - 7/15	6.0 - 7.0	600 lbs. 13-13-13	Sod only	All	Introduced
Creeping Red Fescue	30 lbs. alone 22.5 lbs mix	9/1 - 11/30	6.0 - 7.0	600 lbs. 13-13-13	Seed	All	Native
Weeping Lovegrass	10 lbs. alone 5 lbs. mix	3/1 - 7/15	6.0 - 7.0	600 lbs. 13-13-13	Seed	All	Introduced
*Wheat	90 lbs. alone	9/1 - 11/30	6.0 - 7.0	600 lbs. 13-13-13	Seed	All	Native
*Ryegrass	30 lbs.	9/1 - 11/30	6.0 - 7.0	600 lbs. 13-13-13	Seed	All	Native
*White Clover	5 lbs.	9/1 - 11/30	6.0 - 7.0	400 lbs. 6-24-24	Seed	All	Introduced
*Crimson Clover	15 lbs.	9/1 - 11/30	6.0 - 7.0	400 lbs. 6-24-24	Seed	All	Introduced
Sericea Lespedeza	40 lbs.	3/1 - 7/15 9/1 - 11/30	6.0 - 7.0	400 lbs. 13-13-13	Seed	All	Introduced
*Hairy Vetch	30 lbs.	9/1 - 11/30	6.0 - 7.0	400 lbs. 6-24-24	Seed	All	Introduced
*Browntop Millet	40 lbs. alone 15 lbs. mix	4/1 - 8/30	6.0 - 7.0	600 lbs. 13-13-13	Seed	All	Introduced

* Note on Annuals: For permanent seeding, annuals can only be used in a mixture with perennials.

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Table TS-1 Commonly Used Plants for Temporary Cover						
Species	Seeding Rates/Ac	Planting Time	Desired pH Range	Fertilization Rate/Acre	Method of Establishment	Zone of Adaptability
Wheat	90 lbs. alone	9/1 - 11/30	6.0 - 7.0	600 lbs. 13-13-13	Seed	All
Ryegrass	30 lbs.	9/1 - 11/30	6.0 - 7.0	600 lbs. 13-13-13	Seed	All
White Clover	5 lbs.	9/1 - 11/30	6.0 - 7.0	400 lbs. 13-13-13	Seed	All
Crimson Clover	25 lbs. alone 15 lbs. mix	9/1 - 11/30	6.0 - 7.0	400 lbs. 13-13-13	Seed	All
Hairy Vetch	30 lbs.	9/1 - 11/30	6.0 - 7.0	400 lbs. 13-13-13	Seed	All
Browntop Millet	40 lbs. alone 15 lbs. mix	4/1 - 8/30	6.0 - 7.0	600 lbs. 13-13-13	Seed	All

Lime

Apply lime according to soil-test recommendations. If a soil test is not available, use 1 ton of agricultural limestone or equivalent per acre on coarse-textured soils and 2 tons per acre on fine textured soils. Do not apply lime to alkaline soils or to areas that have been limed during the preceding 2 years. Other liming materials that may be selected should be provided in amounts that provide equal value to the criteria listed for agricultural lime or be used in combination with agricultural limestone or Selma chalk to provide equivalent values to agricultural limestone.

Fertilizer

Apply fertilizer according to soil-test results. If a soil test is not available, apply 8-24-24 fertilizer.

When vegetation has emerged in a stand and is growing, 30 to 40 lbs/acre (approximately 0.8 lbs/1000 ft²) of additional nitrogen fertilizer should be applied.

Note: Fertilizer can be blended to meet exact fertilizer recommendations. Take soil-test recommendations to local fertilizer dealer for bulk-fertilizer blends. This may be more economical than bagged fertilizer.

Liming Materials

Lime (Agricultural limestone) should have a neutralizing value of not less than 90 percent calcium carbonate equivalent and 90 percent will pass through a 10-mesh sieve and 50 percent will pass through a 60-mesh sieve.

Selma chalk should have a neutralizing value of not less than 80-percent calcium carbonate equivalent and 90 percent will pass through a 10-mesh sieve.

Other liming materials that may be selected should be provided in amounts that provide equal value to the criteria listed for agricultural lime or be used in combination with agricultural limestone or Selma chalk to provide equivalent values to agricultural limestone.

Lime (Agricultural Limestone or Equivalent - see Liming Materials)

Sandy soils: Use 1 ton/acre (exception on sandy soils - if the cover will be tall fescue and clover use 2 tons/acre).

Clayey soils: 2 tons/acre.
(Do not apply lime to alkaline soils).

Fertilizer

Grasses alone: Use 400 lbs/acre of 8-24-24 or the equivalent. Apply 30 lbs of additional nitrogen when grass has emerged and begun growth (approximately 0.8 lbs/1000 ft²).

Grass-legume mixtures: Use 800 to 1200 lbs/acre of 5-10-10 or the equivalent.

Legumes Alone: Use 800 to 1200 lbs/acre of 0-10-10 or the equivalent.

Note: Fertilizer can be blended to meet exact fertilizer recommendations. Take soil test recommendations to local fertilizer dealer for bulk fertilizer blends. This may be more economical than bagged fertilizer.

8

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REVISIONS

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SHEET NAME:

SITE DETAILS

DATE:

06/20/2025

DRAWN BY:

JDS

CHECKED BY:

CMB

PROJECT NO.:

25025

SHEET NUMBER:

C-08

