STORM WATER POLLUTION PREVENTION PLAN (SWPPP)
&
LARGE CONSTRUCTION NOTICE OF INTENT (LCNOI)

FOR

Southern Tire Mart

T.L. Wallace Construction, Inc.

Laurel Warehouse Expansion

Thames Drive, Laurel

Jones County, Mississippi

November 2023

PREPARED BY:

Clearpoint
CONSULTING ENGINEERS, P.A.

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I. INTRODUCTION

The purpose of the Storm Water Pollution Prevention Plan (SWPPP) is to provide a site specific description of the best management practices to prevent contamination of the storm water with potential pollutants from construction activities related to the proposed project. The storm-water pollution prevention plan has been prepared as required by the Mississippi Department of Environmental Quality in compliance with the application regulations for coverage under the construction storm water general NPDES permit.

This SWPPP is to be incorporated into the routine construction activities at the development. The potential sources of pollution have been identified at the site and are described in this plan. Several pollution control measures are specified in the plan to prevent contamination of storm water runoff from those sources. The plan also outlines implementation, inspection, and maintenance requirements. The erosion and sediment control practices should be monitored and the plan revised if the quality of storm water runoff is not satisfactory.

All personnel engaging in construction activities will follow this SWPPP.

II. SITE INFORMATION

A. Site Description: The site located within the Laurel Industrial Complex in the City of Laurel, Jones County, MS. The undisturbed site is mostly wooded. It is bordered by wooded land to the north and south, to the west it is bordered by pasture land, to the southeast it is bordered by an industrial facility (Howard Industries), to the northeast it is bordered by an industrial facility (SRT Oil Field Services) and to the east it is bordered by the Southern Tire Mart Warehouse, of which this project is an expansion of. This project includes sediment basin construction and establishment of temporary erosion controls, clearing, grubbing, topsoil stripping, mass grading, building construction, pavement, and final stabilization.

Site topography for the subject property ranges from zero to eight percent (0 - 8%) slopes, According to the Web Soil Survey website maintained by Natural Resources Conservation Service, the site primarily consists (72.2% of disturbed area) of the soil type Savannah loam, 0 to 2 percent slopes. The site also consists of Urban Land, 0 to 8 percent slopes (18.9% of disturbed area). The site also consists of Savannah loam, 2 to 5 percent slopes (8.9% of disturbed area). The property is located in Flood Zone “X”, as per Flood Insurance Rate Map (FIRM) Numbers 28067C0191F having an effective date November 19, 2021. Zone “X” is designated on said FIRM as “Areas Determined to be Outside the 0.2% Annual Chance Floodplain”.

B. Drainage Patterns: Site improvements will cause site to flow via surface runoff in an overall northernly direction. The stormwater will be collected in two separate sediment basins located on the site, one on the southern portion

of the site and the other on the northern portion of the site. The stormwater flow will be discharged from the sediment basin ponds and ultimately flowing off of the site through an existing ditch in a northly direction. After final site stabilization, the sediment basin on the southern portion of the site will be converted to a permanent storm water detention basin and the sediment basin on the northern portion of the site will be converted to a permanent storm water retention basin. This ditch flows in a north then westerly direction for approximately 1 mile to Tallahoma Creek (Water Body ID 412911). The Tallahoma Creek then flows southernly for approximately 5 miles and merges with Tallahala Creek (Water Body ID 413812, southern end) then flows approximately 45 miles in southernly direction when it discharges in to the Leaf River and ultimately in to the Pascagoula River.

B. Description of Work: The site work improvements required to construct the project include establishment of temporary erosion controls; topsoil stripping; cut and fill mass grading; installation of storm drainage, water, sewer, and other utilities; parking lot and access drive construction; building construction; and final stabilization. Erosion control measures will be implemented to prevent the off-site runoff of sediment from disturbed areas. The total disturbed area for the development is estimated at 13 acres.

C. Potential Pollution Sources: The most significant potential pollutants are soil particles subject to removal by storm water. The potential sources pollutants that could be discharged in the receiving water bodies through contact with storm water during construction activities include the following:

- Vehicle and equipment fueling and maintenance areas
- Materials handling/loading and unloading areas
- Erosion (wind, water, ice)
- Tracking from equipment
- Grading and site preparation
- Drilling
- Trenching
- Hazardous material storage areas
- Storage yards
- Mobile equipment
- Painting

Vehicle and Equipment Fueling and Maintenance
Fueling and minor maintenance of vehicles and equipment are conducted on some construction sites. These activities can be potential sources of leaks and incidental spills of fuel (during fueling), oil, and grease.

Materials Handling/Loading and Unloading Areas
Materials handling/loading and unloading activities are common on construction sites. Materials may be spilled, leaked, or lost during loading and unloading, and may collect in the soil or other surfaces and

be carried away in stormwater. Machines used to unload materials also may be a source of stormwater pollution.

Erosion
Erosion is caused where soil is exposed to water, wind, or ice. Erosion can be caused by removing vegetation, compacting or disturbing the soil, changing natural drainage patterns, and covering the ground with impermeable surfaces (buildings, pavement, or concrete), all of which are integral parts of construction projects. Erosion is a source of sediment in stormwater.

Tracking
Construction equipment and construction vehicles have the potential to track from the construction Project into public roadways. Any soils tracked may be a possible source of sediment in stormwater.

Drilling
Horizontal drilling is a potential source of pollution. Mud rotary techniques will be used to transport the cuttings to bins. The rotary mud could become a potential source of sediment-laden water if not managed appropriately.

Trenching
During the installation of underground utilities and drainage systems, open trenching will be used. During this type of installation, the stockpiled material will be exposed, and it could be a source of sediment if not managed appropriately.

Grading and Site Preparation
Grading and site preparation may be required at some locations and can be major contributors of suspended solids concentrations in stormwater. The increased possibility of erosion exists throughout the grading and site preparation phases of construction projects until construction is complete.

Hazardous Material Storage Areas
Hazardous material storage areas have the potential to release hazardous substances that may pose a threat to human health or the environment. Hazardous materials may be toxic, corrosive, ignitable, explosive, or chemically reactive. There is a potential for hazardous materials to be stored on construction sites. Outdoor storage areas include drums, sheds, clamshells, and yellow flammable cabinets.

Storage Yards

Storage yards may contain equipment, construction materials, and construction debris that, when exposed to runoff, may pollute stormwater. A wide range of contaminants (metals, oil, and grease) may enter the environment by washing off or dissolving from stored material.

Mobile Equipment
Portable tanks and other mobile equipment are used extensively on construction sites. This equipment may generate fuel or oil leaks or spills. Portable tanks and bins will be used to store wastes generated during this Project.

Painting
During painting and paint removal activities, materials may be used (and wastes created) that are harmful to humans and the environment. Pollutants may include solvents, solids, and metals.

E. Non-Storm Water Discharges: Potential non-storm water discharges consist of irrigation water and watering of the haul roads to control dust. Due to the permeability of the soil and the arid conditions when this activity is required, no significant impact is anticipated from these sources.

F. Non-Storm Water Solid Materials: The on-site generation of solid materials will be minimal, and its proper disposal will be closely monitored. All solid waste will be taken off-site for proper disposal.

III. BEST MANAGEMENT PRACTICES AND CONTROLS

A. General: In order to prevent contamination of storm water by the potential pollutants previously discussed, erosion and sediment controls during construction will be designed to prevent and minimize erosion and retain sediment onsite to the extent practical, and to ensure that no significant changes occur in the volume or characteristics of storm water runoff to receiving waters. All erosion and sediment control measures will be properly selected, installed, and maintained in accordance with the manufacturer's specifications and sound engineering practices. These measures shall be installed in accordance with the details provided and located at periodic intervals. All disturbed areas shall be grassed, and existing vegetation on undisturbed areas shall be maintained as long as possible.
The storm water which leaves the site shall meet the non-numeric limitations of being free from the following:

- oil, scum, debris and other floating materials; eroded soils and other materials that will settle out of the storm water to form objectionable deposits in receiving waters;
- suspended solids, turbidity and color levels inconsistent with the receiving waters; and
- chemicals in concentrations what would cause violations of the State

Water Quality Criteria in the receiving waters.

B. **Vegetative Controls:** Existing trees will be preserved where possible. All diversions will be seeded (permanent seeding) immediately after completion of construction. Topsoil will be stockpiled for use in landscaping. Grass-lined waterways will be dressed with a thin layer of topsoil, seeded and mulched immediately after completion of construction. Temporary straw-net liners may be required on steeper ditches and slopes to facilitate vegetative growth. Steeper ditch slopes may require permanent treatment such as solid sod or concrete paving of the inverts to prevent erosion. All 3:1 cut slopes will be roughened by disking prior to seeding. After rough grading or installation of storm drainage and utilities, all disturbed areas where construction activities have temporarily ceased and will not resume for a period of fourteen (14) days or more, shall be immediately seeded and mulched. After final grading, all disturbed areas will be permanently seeded immediately after completion of final grading.

See Appendix A for seeding, fertilizing, and mulching rates.

C. **Structural Controls:** Prior to establishment of permanent vegetation on reclaimed areas, temporary controls will be established and maintained during construction. Where possible, upslope waters shall be diverted around disturbed areas. Intermittent berms and turn-outs shall be used on steep haul roads slopes as a means to minimize longitudinal erosion and to provide drainage relief. For drainage locations (a drainage point at boundary of land disturbing activity) that serve an area with ten (10) or more disturbed acres at one time, a temporary (or permanent) sediment basin providing at least 3,600 cubic feet (133 cubic yards) of storage per acre drained shall be provided until final stabilization of the site. Sediment basins must be installed before initial site grading and utilize outlet structures that withdraw water from the surface and that are designed for a minimum 10-year, 24-hour storm event.

Silt fence shall be placed along the downstream side of excavation areas and to protect the ditches from erosion. Silt fences shall also be installed along the toe of fill slopes and around the perimeter of topsoil stockpiles to prevent off-site sediment runoff. Wattles shall be used to protect ditches from erosion, at drainage structures to prevent sediment from entering storm drainage pipes, and to control sediment discharge at culvert outlets. All cut slopes will be at or flatter than a 3:1 grade. Inlet protection (straw waddles) will be installed around drainage structures to form a barrier. A construction entrance will be placed at a designated location, and any accumulation of mud on vehicle tires will be washed, if needed, during muddy conditions.

D. **Housekeeping Practices:** All equipment maintenance and repair will occur off-site. Trash cans or dumpsters will be placed at convenient locations throughout site. The main trash collection bin will be located for convenient use and pickup by disposal entity. Paints, solvents, fertilizers, or any other potentially toxic materials will not be stored on-site. Portable sanitary

facilities will be provided for construction workers during home construction. Concrete truck wash will occur at strategically designated locations as to prevent direct off-site runoff. Drivers will be instructed to return any materials to the concrete batch plant and complete final washing procedures at that location.

E. Post Construction Storm Water Management Measures: Flexamat shall be placed at pipe culvert outfalls as needed to minimize erosion. Permanent erosion control blankets shall be installed on higher fill slopes, as shown on the erosion control plan. All disturbed areas shall be stabilized with a complete stand of grass via seed or sod. Any sediment basins designated to be converted to detention basins shall be improved and stabilized.

IV. IMPLEMENTATION SEQUENCE

The owner or prime contractor shall prepare an orderly listing which coordinates the timing of all major land-disturbing activities together with the necessary erosion and sedimentation control measures planned for the project. For the purposes of this project, the Implementation Sequence is described below:

1. *Install Construction Entrance*
2. *Equipment Maintenance and Storage Areas*
3. *Install Silt Fence (down slope of disturbed areas)*
4. *Construct Sediment Basin(s) and Outlet Structure*
5. *Stockpile Remaining Topsoil with Silt Fence Barrier around Topsoil Pile(s)*
6. *Mass Site Grading of Subject Property*
7. *Install Storm Drainage Pipes and Drainage Structures (Culverts, Etc.) with Inlet/Outlet Protection*
8. *Plant Temporary Vegetation on Slopes/Disturbed Areas*
9. *Install Utilities*
10. *Install Curb and Gutter and Complete Paving for Access Drives and Parking Lots*
11. *Building and Sidewalk Construction*
12. *Apply Topsoil to Disturbed Areas and Plant Permanent Vegetation as Needed (Seed, Sod, etc.)*
13. *After Site is Stabilized, Remove all Temporary Erosion Control Measures (Straw Wattles, Silt Fences, Temporary Construction Entrance, Etc.)*

V. INSPECTIONS, MAINTENANCE AND REPORTING

A. Inspections: Inspections of the best management practices and other storm

water pollution prevention plan requirements shall be performed by the contractor or owner as follows:

1. At least once weekly.
2. After the occurrence of all rain events significant enough to produce a discharge.
3. As often as necessary to insure that appropriate erosion and sediment controls have been properly constructed and maintained.

B. Maintenance: Any deficiencies noted during the inspection process should be repaired or remedied within 24 hours. Remove sediment from controls (straw wattles, silt fence, etc.) when accumulated sediment reaches one-third (1/3) to one-half (1/2) of the height of the control. Replace non-functional straw wattles bales and silt fence. Maintain all vegetated areas to provide proper ground cover. Re-seed, fertilize, and mulch as needed to minimize erosions and sedimentation.

C. Reporting: The Owner and/or Contractor must inspect, as described in above section, and maintain controls and keep all reports on file noting damages or deficiencies and corrective measures, using the form provided in the appendix of this plan. No reports should be submitted to the Mississippi Department of Environmental Quality unless specifically requested. As previously stated, all records, reports, and information resulting from activities required by this plan and your permit should be retained for at least three years from the date of the CNOI, inspection or report.

A rain gauge is recommended to be placed in a central location on the site and used to obtain rainfall amounts. This information will assist with proper completion of the inspection report.

D. Training: All staff involved in construction and maintenance for the project should be trained according to the requirements of Act 5, conditions T-20 and T-21 of the large construction stormwater general permit.

VI. REVISIONS

The storm water prevention plan will be kept current by the company representative and will be revised as changes in site conditions warrant. The company representative may notify the SWPPP developer for assistance when necessary. Factors that would compel the SWPPP to be modified include:

- Significant inadequacies revealed by routine inspections;
- Changes in identified sources, non-storm water discharges, or non-storm water solid wastes; or
- MDEQ or local agency notification that the plan does not meet one or more of the minimum requirements.
- An increase in the scope of the project outside of the original plan. An updated SWPPP and related LCNOI form should be submitted to the MDEQ for approval

at least 30 days prior to the date of commencement of construction of the additional features.

A plan revision will be completed within 30 days of the date is determined that a revision is warranted. If the modification is in response to a request by the MDEQ, the permittee must submit to the MDEQ certification that the requested changes have been made.

APPENDIX A

VEGETATIVE SEEDING RATES FOR EROSION CONTROL

	SPECIES	RATE/ACRE	DATE
*	Pensacola Bahia	40#	Mar. 1 - July 15 Sept. 1- Nov. 30
	Hulled Common Bermuda	15#	Mar. 1 - July 15 Sept. 1 – Nov. 30
	Centipede	4#	Mar. 1 - July 15
**	Browntop Millet	40#	Apr. 1 – Aug. 15
**	Cereal Rye	90#	Nov. 15 – Dec. 15
	Carpet Grass	15#	Mar. 1 - July 15
	Creeping Red Fescue	30#	Sept. 1 - Nov. 30
	Pensacola Bahia	30#	Sept. 1 – Nov. 15
	Un-hulled Common Bermuda	10#	Sept 1 – Oct. 30
	PLUS		
**	Wheat	90#	Sept. 1 – Nov. 30
**	Ryegrass	60#	Sept. 1 – Nov. 30
**	Crimson Clover	25#	Sept. 1 – Nov. 30

* Not For Use In Residential Subdivisions

** Temporary Cover to be followed or mixed with a perennial

*** Fertilizer (13-13-13): Use 400# /Ac. on Crimson Clover

MULCH

Hay or Wheat Straw	2 tons	After Seeding

FERTILIZER

*** 13-13-13	600 #	Before Seeding
Lime	2 tons	Before Seeding

A current soil analysis recommendation may be substituted.

Desired pH range = 6.0 - 7.0 for all grasses

SEED BED PREPARATION

Slope all banks to a minimum of 3:1. Flatter if possible

After shaping and smoothing, pulverize soil to depth of 6 inches and harrow. Lime and fertilizer can be incorporated during seed bed preparation.

APPENDIX B

Large Construction Forms Package

AI : 85395

Coverage # : MSR109132

Rec'd via email: 12/18/2023

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

LARGE CONSTRUCTION NOTICE OF INTENT (LCNOI) FOR COVERAGE UNDER THE LARGE CONSTRUCTION STORM WATER GENERAL NPDES PERMIT

INSTRUCTIONS

The Large Construction Notice of Intent (LCNOI) is for coverage under the Large Construction General Permit for land disturbing activities of five (5) acres or greater; or for land disturbing activities, which are part of a larger common plan of development or sale that are initially less than five (5) acres but will ultimately disturb five (5) or more acres. Applicant must be the owner or operator. For construction activities, the operator is typically the prime contractor. The owner(s) of the property and the prime contractor associated with regulated construction activity on the property have joint and severable responsibility for compliance with the Large Construction Storm Water General Permit MSR10.

If the company seeking coverage is a corporation, a limited liability company, a partnership, or a business trust, attach proof of its registration with the Mississippi Secretary of State and/or its Certificate of Good Standing. This registration or Certificate of Good Standing must be dated within twelve (12) months of the date of the submittal of this coverage form. Coverage will be issued in the company name as it is registered with the Mississippi Secretary of State.

Completed LCNOIs should be filed at least thirty (30) days prior to the commencement of construction. Discharge of storm water from large construction activities without written notification of coverage is a violation of state law.

Submittals with this LCNOI must include:
- **A site-specific Storm Water Pollution Prevention Plan (SWPPP) developed in accordance with ACT5 of the General Permit**
- **A detailed site-specific scaled drawing showing the property layout and the features outlined in ACT5 of the General Permit**
- **A United States Geological Survey (USGS) quadrangle map or photocopy, extending at least one-half mile beyond the facility property boundaries with the site location and outfalls outlined or highlighted. The name of the quadrangle map must be shown on all copies. Quadrangle maps can be obtained from the MDEQ, Office of Geology at 601-961-5523.**

Additional submittals may include the following, if applicable:
- **Appropriate Section 404 documentation from U.S. Army Corps of Engineers**
- **Appropriate documentation concerning future disposal of sanitary sewage and sewage collection system construction**
- **Appropriate documentation from the MDEQ Office of Land & Water concerning dam construction and low flow requirements**
- **Approval from County Utility Authority in Hancock, Harrison, Jackson, Pearl River and Stone Counties**
- **Antidegradation report for disturbance within Waters of the State**

ALL QUESTIONS MUST BE ANSWERED (Answer "NA" if the question is not applicable)

O.C

MSR10 9132

(NUMBER TO BE ASSIGNED BY STATE)

APPLICANT IS THE: ☑ **OWNER** ☐ **PRIME CONTRACTOR**

OWNER CONTACT INFORMATION

OWNER CONTACT PERSON: Perry Phillips

OWNER COMPANY LEGAL NAME: Southern Tire Mart

OWNER STREET OR P.O. BOX: 800 Highway 98

OWNER CITY: Columbia **STATE:** MS **ZIP:** 39429

OWNER PHONE #: (601) 424-3200 **OWNER EMAIL:** perry.phillips@stmtires.com

PREPARER CONTACT INFORMATION

IF NOI WAS PREPARED BY SOMEONE OTHER THAN THE APPLICANT

CONTACT PERSON: Forrest Dungan

COMPANY LEGAL NAME: Clearpoint Consulting Engineers, P.A.

STREET OR P.O. BOX: 6652 Highway 98

CITY: Hattiesburg **STATE:** MS **ZIP:** 39402

PHONE # ( ) 601-261-2609 **EMAIL:** forrest@clearpointengineers.com

PRIME CONTRACTOR CONTACT INFORMATION

PRIME CONTRACTOR CONTACT PERSON: Josh Grant

PRIME CONTRACTOR COMPANY LEGAL NAME: T.L. Wallace Construction

PRIME CONTRACTOR STREET OR P.O. BOX: 4025 MS-35

PRIME CONTRACTOR CITY: Columbia **STATE:** MS **ZIP:** 39429

PRIME CONTRACTOR PHONE #: (601) 736-4525 **PRIME CONTRACTOR EMAIL:** jgrant@tlwallace.com

FACILITY SITE INFORMATION

FACILITY SITE NAME: Southern Tire Mart Wholesale Expansion

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: 40 Thames Drive

CITY: Laurel STATE: MS COUNTY: Jones ZIP: 39440

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

LATITUDE: 31 **degrees** 39 **minutes** 58 **seconds** **LONGITUDE:** 89 **degrees** 10 **minutes** 44 **seconds**

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

TOTAL ACREAGE THAT WILL BE DISTURBED [1]: 13 ±

IS THIS PART OF A LARGER COMMON PLAN OF DEVELOPMENT? YES ☐ NO ☑

IF YES, NAME OF LARGER COMMON PLAN OF DEVELOPMENT: N/A
AND PERMIT COVERAGE NUMBER: MSR10_ _ _ _

ESTIMATED CONSTRUCTION PROJECT START DATE: 2024-02-01 (YYYY-MM-DD)

ESTIMATED CONSTRUCTION PROJECT END DATE: 2024-12-31 (YYYY-MM-DD)

DESCRIPTION OF CONSTRUCTION ACTIVITY: Grading, Drainage, Utilities, Pavement, Building Construction

PROPOSED DESCRIPTION OF PROPERTY USE AFTER CONSTRUCTION HAS BEEN COMPLETED:
Industrial Facility - Will be a tire distrubution center.

SIC Code: 4225 ___ ___ ___ **NAICS Code** 493110 ___ ___ ___

NEAREST NAMED RECEIVING STREAM: Tallahoma Creek

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:

ARE THERE RECREATIONAL STREAMS, PRIVATE/PUBLIC PONDS OR LAKES WITHIN ½ MILE DOWNSTREAM OF PROJECT BOUNDRY THAT MAY BE IMPACTED BY THE CONSTRUCTION ACTIVITY? YES ☐ NO ☑

EXISTING DATA DESCRIBING THE SOIL (for linear projects please describe in SWPPP):
site primarily consists (72.2% of disturbed area) of the soil type Savannah loam, 0 to 2 percent slopes, Urban Land, 0 to 8 percent slopes (18.9% of disturbed area). Savannah loam, 2 to 5 percent slopes (8.9% of disturbed area).

WILL FLOCCULANTS BE USED TO TREAT TURBIDITY IN STORM WATER? YES ☐ NO ☑

IF YES, INDICATE THE TYPE OF FLOCCULANT. ☐ **ANIONIC POLYACRYLIMIDE (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 ft^2 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: _____

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: _____.)**

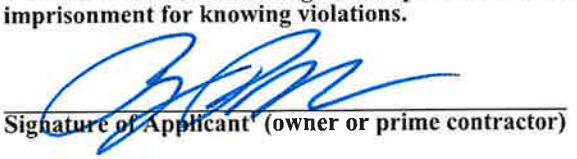
☐ **Individual Onsite Wastewater Disposal Systems for Subdivisions Less than 35 Lots. Please attach a copy of the Letter of General Acceptance from the Mississippi State Department of Health or certification from a registered professional engineer that the platted lots should support individual onsite 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 Laurel, the plans for the project is in the process of review with the City of Laurel.

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 Applicant[1] (owner or prime contractor)

12-5-23

Date Signed

Perry Phillips

Printed Name[1]

General Counsel

Title

[1]This 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

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

[1]This 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/

Keep a Copy Available at the Permitted Facility or Locally Available
Submit the Inspection Reports Only if Requested by the Mississippi Department of Environmental Quality (MDEQ)

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

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

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:** MS **ZIP:** 39429

CONTACT PERSON: Forrest Dungan **CONTACT PHONE NUMBER:** (_____)_____

EMAIL ADDRESS: _____

INSPECTION DOCUMENTATION

DATE (mo/day/yr)	TIME (hr:min AM/PM)	ANY DEFICIENCIES? (CHECK IF YES)	INSPECTOR(S)
		☐	
		☐ 424-	
		☐ 736-	
		☐ 2024	
		☐	
		☐	

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

INSPECTION SUSPENSION FORM

UNDER LARGE CONSTRUCTION STORM WATER GENERAL NPDES PERMIT MSR10

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

INSTRUCTIONS

Coverage recipients under Mississippi's Large Construction Storm Water General Permit may temporarily suspend required weekly inspections of erosion and sediment controls and monthly record keeping by submission of this form. Inspections may be suspended only when land disturbing activities have ceased, no further land disturbing activities are planned for a period of at least six (6) months, the site is stable with no active erosion, and vegetative cover has been established (see ACT10, S-1). The coverage recipient is responsible for all permit conditions during the suspension period and nothing in this condition shall limit the rights of MDEQ to take enforcement or other actions against the coverage recipient. Once land disturbing activities resume MDEQ must be notified and all inspections and record keeping required by the permit must also resume. Color photographs, representative of the construction site, must be submitted with this inspection form.

COVERAGE RECIPIENT INFORMATION

COVERAGE RECIPIENT CONTACT PERSON: _____

COMPANY NAME: _____

STREET OR P.O. BOX: _____

CITY: forrest@clearpointengineers.com STATE: 601-261-2609 ZIP: _____

PHONE # (INCLUDE AREA CODE): _____

PROJECT INFORMATION

CONSTRUCTION STORM WATER GENERAL PERMIT COVERAGE NUMBER: MSR10 ___ 42[illegible] 49 ___

PROJECT NAME: _____

CITY: _____ COUNTY: _____

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**. I further certify that: land disturbing activities have ceased, no further land disturbing activities are planned for a period of at least six (6) months, the site is stable with no active erosion, and vegetative cover has been established**.

_____ _____

Signature (must be signed by coverage recipient) Date Signed

_____ _____

Printed Name Title

Please submit this form to:

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

Revised: 12/21/10

Employee Training Log

Instructions: Newly hired employees responsible for implementing and/or complying with the requirements of the permit shall receive initial training prior to performing such responsibilities. Employees shall receive refresher training at a minimum of every twelve (12) months, thereafter. Proper documentation of employee training must be maintained. Include copies of the training agenda and certificates of training when applicable. All training records shall be maintained for at least three years from the date of training. [Large Construction General Permit ACT9 R-1]

Facility Name:	Physical Address:
Coverage Number:	Training Date:
Training Topic:	
Training Description:	

Employee Name (printed)	Employee Signature	Worker ID Number	Initial/Refresher

"I certify under penalty of law that this report is true, accurate, and complete, to the best of my knowledge and belief."

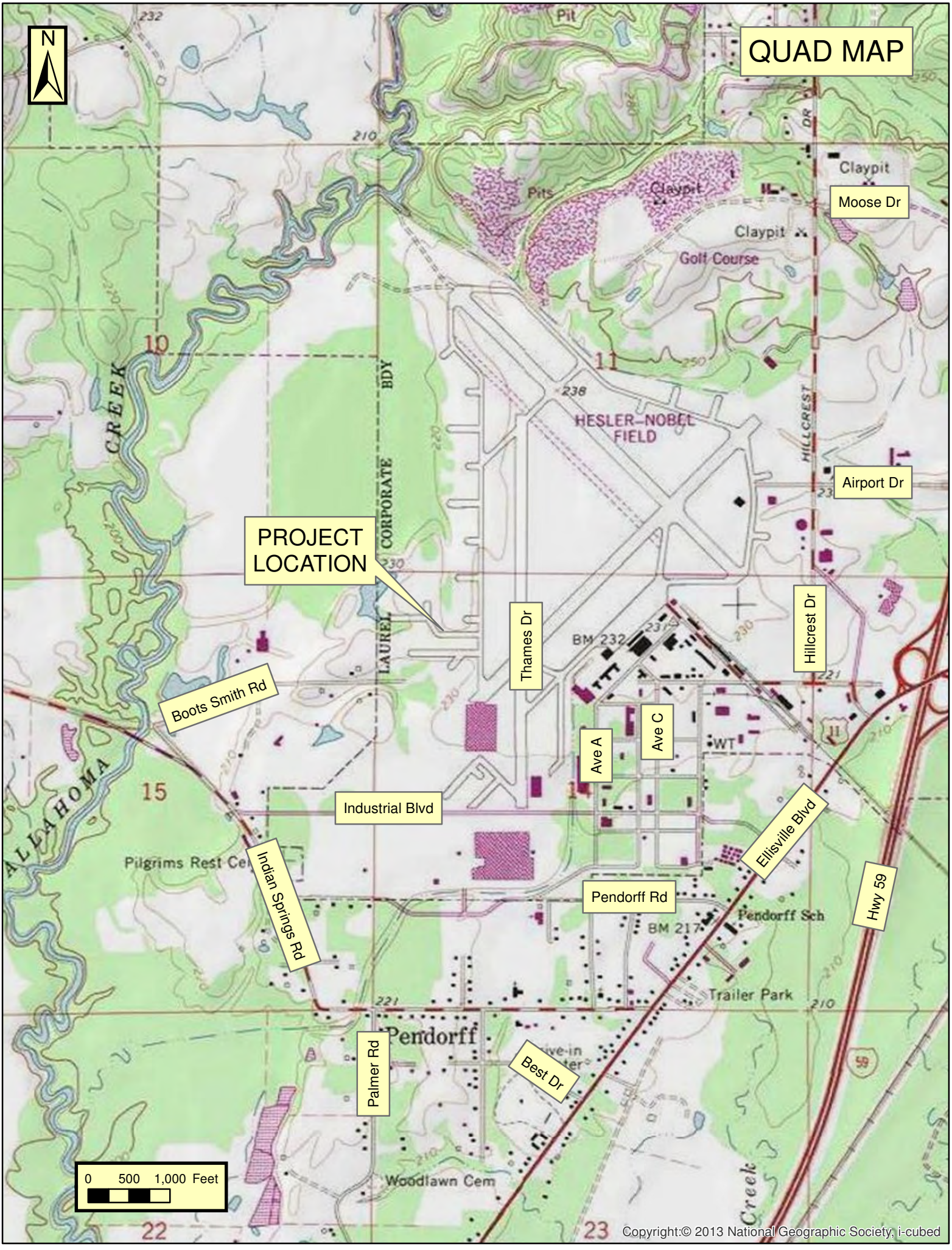
Trainer Name (printed)	Trainer Signature	Date

APPENDIX C

U.S.G.S. Quadrangle Map and Aerial Map

(With Project Location)


AERIAL MAP
N
PROJECT LOCATION
Moose Dr
Airport Dr
Hillcrest Dr
Thames Dr
Boots Smith Rd
Ave C
Ave A
Industrial Blvd
Ellisville Blvd
Indian Springs Rd
Pendorff Rd
Hwy 59
Palmer Rd
Best Dr
0 500 1,000 Feet
Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community, Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community, Copyright:© 2013 National Geographic Society, i-cubed


QUAD MAP
N
PROJECT LOCATION
Moose Dr
Airport Dr
Hillcrest Dr
Thames Dr
Boots Smith Rd
Ave A
Ave C
Industrial Blvd
Ellisville Blvd
Hwy 59
Indian Springs Rd
Pendorff Rd
Palmer Rd
Best Dr
Claypit
Pits
Golf Course
HESLER-NOBEL FIELD
CORPORATE BDY
LAUREL CREEK
ALLAHOMA
Pilgrims Rest Cem
Pendorff
Pendorff Sch
Trailer Park
Woodlawn Cem
BM 232
BM 217
WT
0 500 1,000 Feet
Copyright:© 2013 National Geographic Society, i-cubed

DRAWINGS

EROSION CONTROL PLAN (SHEET C2.1)

EROSION CONTROL DETAIL (SHEET C5.1)

EROSION CONTROL DETAIL (SHEET C5.2)

EROSION CONTROL DETAIL (SHEET C5.3)

MDOT TYP TEMP EROSION CONTROL MEASURES (SHEET 6129)

TEMPORARY WATTLE CHECKS ALONG DRAINAGE SWALE REQ'D (EVERY 100') (TYP.)

SILT FENCE REQ'D (TYP.)

DITCH FLOWS APPROX. 1 MILE NORTH AND WEST TO TALLAHOMA CREEK

GREATER THAN 50 FT BUFFER BETWEEN THE PROJECT DISTURBANCE AND THE WATERS OF THE STATE

FLEX-A-MAT DITCH TREATMENT REQ'D (TYP.)

200# RIP-RAP REQ'D (TYP.)

OUTLET PROTECTION REQ'D (TYP)

15' WIDE EMERGENCY SPILL-WAY @ 226.50

NORTH DETENTION POND

4" SKIMMER W/ 2.5" ORIFICE REQ'D (TO BE REMOVED UPON FINAL STABILIZATION)

CONCRETE CHUTE WASHOUT AREA

EXISTING WAREHOUSE (TO REMAIN) FFE = 231.75'

Existing Gas Manifold (To Be Removed) FL = 231.64

Existing 30" Pipe (To Be Removed)

WATTLE PROTECTION REQ'D AT ALL DRAINAGE STRUCTURES (TYP)

Existing 30" Pipe (To Remain)

Existing Storm Manhole Rim = 231.21 Inv (S) = 225.21

Existing 24" Pipe

Existing Storm Manhole Rim = 231.20 Inv (N) = 224.40 Inv (S) = 224.30 Inv (W) = 224.20

Existing 30" Pipe

Existing Grate Inlet Rim = 230.30 Inv (N) = 225.25

PROPOSED WAREHOUSE EXPANSION FFE = 235.00'

EXISTING WAREHOUSE (TO REMAIN) FFE = 235.45'

THAMES DRIVE

LIMESTONE DRIVE REQ'D

1.5" SKIMMER W/ NO ORIFICE REQ'D (TO BE REMOVED UPON FINAL STABILIZATION)

SOUTH DETENTION POND

TOPSOIL STOCKPILE

10' WIDE EMERGENCY SPILL-WAY @ 232.50 (POST SWPPP) @ 232.00 (WITH SKIMMER)

EXISTING GRAVEL DRIVE (TO REMAIN)

Existing 24" Pipe (To Remain) FL = 228.73

FL = 228.12

TEMPORARY CONSTRUCTION ENTRANCE REQ'D

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)

1 inch = 50 ft.

REVISIONS			
NO.	DATE	DESCRIPTION	BY
1	11/30/23	Permit Set	FJD

Clearpoint CONSULTING ENGINEERS, P.A.

6652 US Highway 98 I Hattiesburg, MS 39402

t 601.261.2609 I f 601.261.5573 I clearpointengineers.com

Erosion Control Plan

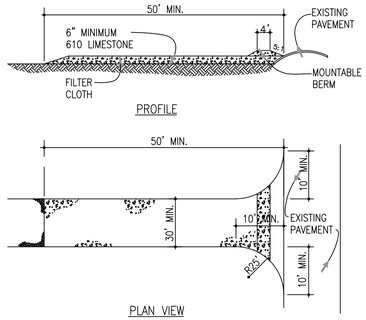
Improvements for Southern Tire Mart Warehouse, 40 Thames Drive, City of Laurel, Jones County, MS

SHEET NO. C2.1

PROJ. NO.: 70412090 | DRAWN BY: JCR | CHECKED BY: FJD | SCALE: 1" = 50' | DATE: NOV., 2023

Drawing Location: J:\SDSKPROJ\70412090\DWG\70412090_CIVIL.dwg

610 LIMESTONE IS NOT REQUIRED FOR CONSTRUCTION EXIT

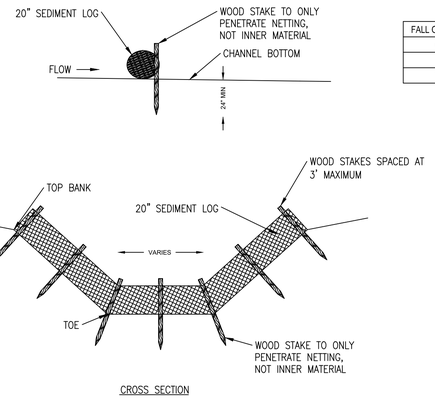


STABILIZED CONSTRUCTION EXIT

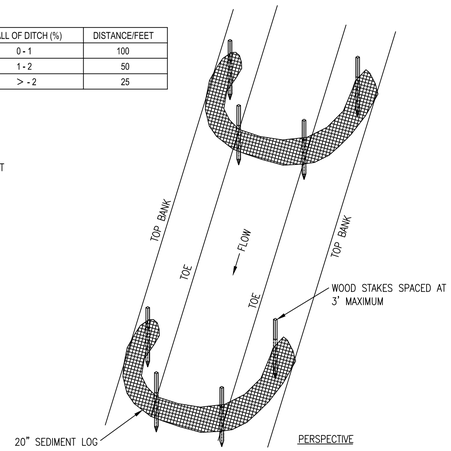
1. STONE SIZE – USE #2 STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH – AS REQUIRED, BUT NOT LESS THAN 50 FEET.
3. DEPTH – NOT LESS THAN SIX (6) INCHES.
4. WIDTH – THIRTY (30) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
5. FILTER CLOTH – WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER – ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE – THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEAN OUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WASHING – WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

1 TEMPORARY CONSTRUCTION EXIT

SCALE: NOT TO SCALE

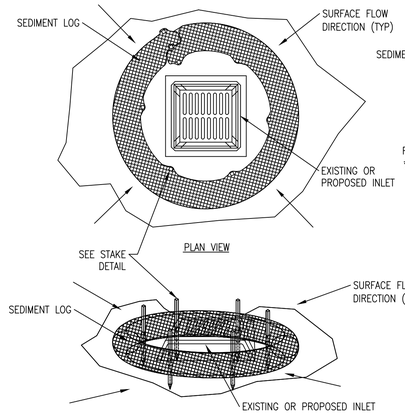


FALL OF DITCH (%)	DISTANCE/FEET
0 - 1	100
1 - 2	50
> - 2	25



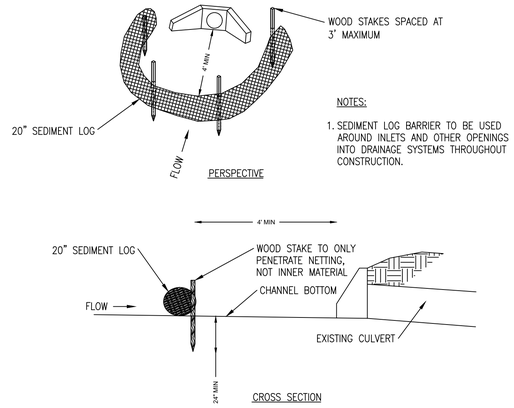
2 SEDIMENT LOG DITCH CHECK

SCALE: NOT TO SCALE



3 SEDIMENT LOG INLET PROTECTION

SCALE: NOT TO SCALE



4 SEDIMENT LOG CULVERT SEDIMENT BARRIER

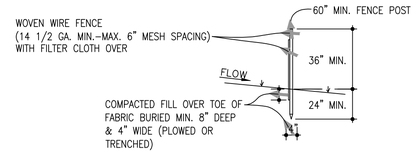
SCALE: NOT TO SCALE

CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

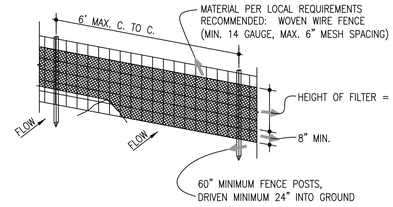
1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
2. FILTER CLOTH TO BE FASTENED SECURELY TO SILT FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID-SECTION.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY (6) INCHES AND FOLDED.
4. LOCATE POSTS DOWNSLOPE OF FABRIC FOR FENCE SUPPORT.
5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

   POSTS: STEEL EITHER "T" OR "U" TYPE
   POSTS: LOCATED MAXIMUM 6' O. C.
   FENCE: PER LOCAL REQUIREMENTS OR WOVEN WIRE, 14 GA. 6" MAX. MESH OPENING
   FILTER CLOTH: FILTER X, MIRAFI 100X, STABI-LINKA T140N OR APPROVED EQUAL.
   PREFABRICATED UNIT: GEOFAB, ENVIROFENCE, OR APPROVED EQUAL.

6. INDICATED ON EROSION CONTROL PLANS AS " —SF——SF— "



WIRE BACKING NOT REQUIRED ON SILT FENCE.



7 SILT FENCE EROSION PROTECTION

SCALE: NOT TO SCALE

1. ALL NEWLY CUT AND/OR FILLED AREAS LACKING ADEQUATE VEGETATION SHALL BE SEEDED, FERTILIZED, MULCHED AND/OR SODDED AS REQUIRED TO EFFECTIVELY PREVENT SOIL EROSION.
2. SILT FENCES AND HAY BALES SHALL BE USED AS SHOWN AND AS DIRECTED BY THE ENGINEER TO CONTROL SOIL EROSION.
3. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN EROSION CONTROL DURING CONSTRUCTION BY THE PLACEMENT OF SILT FENCES AND/OR HAY BALES WHERE NECESSARY TO PREVENT DOWNSTREAM SILTATION OF ANY DITCHES, PIPES, DRAINAGE STRUCTURES, OR ADJACENT PROPERTIES. THE CONTRACTOR SHALL PROVIDE ANY ADDITIONAL EROSION CONTROL AS NEEDED OR AS DIRECTED BY THE ENGINEER.
4. THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING TO THE STATE OF MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY (MDEQ) OFFICE OF POLLUTION CONTROL (OPC) STORM WATER CONSTRUCTION GENERAL PERMIT FOR ALL EROSION CONTROL DURING CONSTRUCTION ACTIVITIES.
5. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING EROSION CONTROL DEVICES AND REPORTING ANY MAINTENANCE AS REQUIRED BY THE STATE OF MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY (MDEQ) OFFICE OF POLLUTION CONTROL (OPC) STORM WATER CONSTRUCTION GENERAL PERMIT DURING CONSTRUCTION ACTIVITIES.
6. PROVISIONS SHALL BE MADE TO PROTECT DOWNSTREAM WATERCOURSES (I.E., STORM SEWER SYSTEMS, DITCHES, WETLANDS, ETC.) FROM SEDIMENT RUNOFF DEVELOPED FROM THE CONSTRUCTION PROCESS. PROVISIONS INCLUDE, BUT ARE NOT LIMITED TO, STRUCTURAL CONTROLS SUCH AS SILT FENCING, GEOTEXTILE FABRIC PROTECTION OF STORM SEWERS, HAY BALES, DIKES AND SANDBAG BERMS; AND/OR VEGETATION CONTROLS SUCH AS SEEDING OR EXISTING VEGETATIVE BUFFER STRIPS (MINIMUM 25 FEET WIDE).
7. PRIOR TO START OF CONSTRUCTION, CONTRACTOR SHALL INSTALL EROSION AND SEDIMENTATION CONTROLS AT LOCATIONS SHOWN ON PLANS.
8. CONTRACTOR SHALL PERFORM DAILY STREET CLEANING ON ROADS AND STREETS ADJACENT TO THE PROJECT WHICH ARE USED AS ACCESS ROUTES FOR CONSTRUCTION TRAFFIC IF DIRT AND MUD IS NOT ADEQUATELY REMOVED FROM VEHICLES AT THE STABILIZED CONSTRUCTION EXITS.
9. LOCATE FUEL/MATERIAL STORAGE AREAS AWAY FROM STORMWATER CONVEYANCE SYSTEMS. USE A MINIMUM 60 MIL POLYETHYLENE LINER UNDER ABOVE GROUND STORAGE TANKS. USE 2 FOOT HIGH BERMS AROUND FUEL STORAGE AREAS.
10. CONTRACTOR WILL ADVISE OWNER IMMEDIATELY, VERBALLY, AND IN WRITING, OF ANY FUEL SPILLS ONTO THE PROJECT/CONSTRUCTION AREA AND THE ACTIONS TAKEN TO REMEDY THE PROBLEM.
11. CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL ENVIRONMENTAL LAWS.
12. CONTRACTOR IS RESPONSIBLE FOR DISPOSING OF FUELS, MATERIALS AND CONTAMINATED EXCAVATIONS IN A LEGALLY APPROVED MANNER.
13. CONTRACTOR SHALL INSPECT ALL STRUCTURAL CONTROLS WITHIN 24 HOURS AFTER ANY STORM EVENT THAT MEETS OR EXCEEDS 0.5 INCHES OF RAINFALL IN A 24 HOUR PERIOD. DURING PROLONGED RAINFALL EVENTS, CONTRACTOR SHALL INSPECT STRUCTURAL CONTROLS ON A DAILY BASIS. AT A MINIMUM, STRUCTURAL CONTROLS SHOULD BE INSPECTED ONCE EVERY 14 CALENDAR DAYS. A QUALIFIED REPRESENTATIVE OF THE CONTRACTOR, AS APPROVED BY THE OWNER, SHALL PROVIDE THESE INSPECTIONS. SHOULD CONTROLS BECOME INEFFECTIVE, NECESSARY REPAIRS SHALL BE PERFORMED TO RETURN THE INTEGRITY OF THE STRUCTURAL CONTROLS. REMOVE ALL SEDIMENT IF IT ACCUMULATES TO 1/3 THE HEIGHT OF THE SILT FENCE.
14. CONTRACTOR SHALL MAINTAIN, REPAIR AND/OR REPLACE DAMAGED EROSION AND SEDIMENTATION CONTROL SYSTEMS THROUGHOUT THE DURATION OF THE CONTRACT, NO SEPARATE PAY.
15. CONTRACTOR WILL PROVIDE PROTECTED STORAGE AREAS FOR CHEMICALS, PAINTS, SOLVENTS, FERTILIZERS AND OTHER POTENTIALLY TOXIC MATERIALS.
16. EQUIPMENT STAGING AREA TO BE DESIGNATED BY CONTRACTOR AND APPROVED BY OWNER PRIOR TO CONSTRUCTION.
17. AT COMPLETION OF THE CONTRACT, OWNER AND/OR OWNER'S REPRESENTATIVE WITH THE CONTRACTOR SHALL EXAMINE EROSION AND SEDIMENTATION CONTROL SYSTEMS BEFORE RELIEVING CONTRACTOR OF HIS MAINTENANCE RESPONSIBILITIES.
18. CONTRACTOR SHALL SOLID SOD DISTURBED AREAS IMMEDIATELY AFTER REACHING FINAL GRADE.

5 EROSION CONTROL NOTES

SCALE: NOT TO SCALE

REVISIONS			
NO.	DATE	DESCRIPTION	BY
1	11/17/23	Initial Review Set	FJD

Clearpoint
CONSULTING ENGINEERS, P.A.
6652 US Highway 98 I Hattiesburg, MS 39402
t 601.261.2609 I f 601.261.5573 I clearpointengineers.com

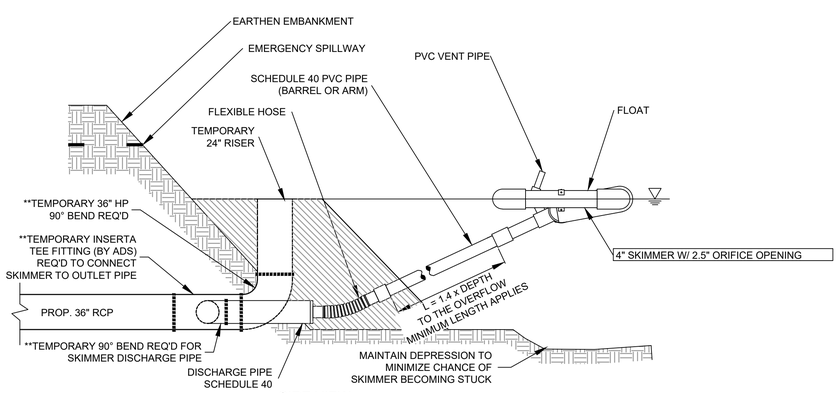
Erosion Details

Improvements for Southern Tire Mart Warehouse, 40 Thames Drive, City of Laurel, Jones County, MS

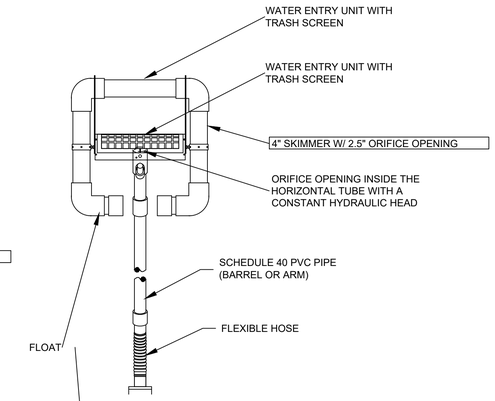
SHEET NO. C5.1

PROJ. NO.: 70412090 | DRAWN BY: JCR | CHECKED BY: FJD | SCALE: N.T.S. | DATE: NOV., 2023

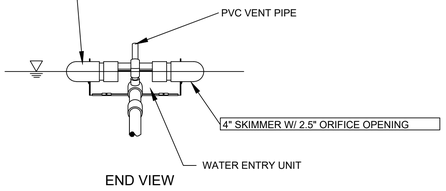
Drawing Location: S:\70412090\DWG\70412090_CIVIL.dwg



SIDE VIEW

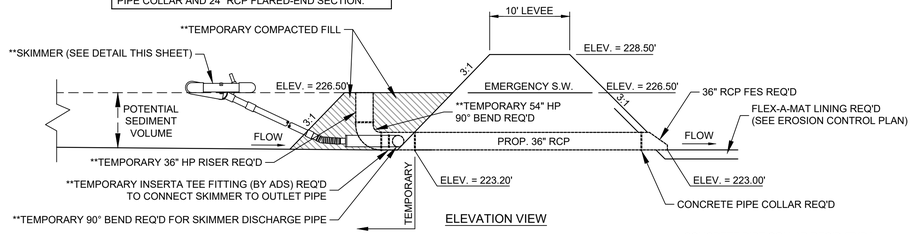


TOP VIEW

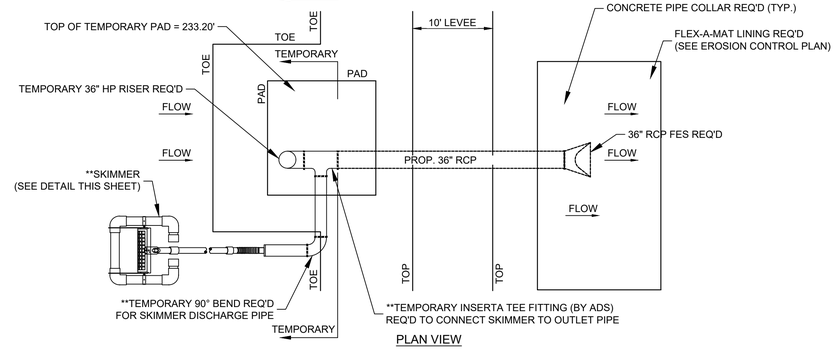


END VIEW

**NOTE: UPON FINAL SITE STABILIZATION, THE RISER, SKIMMER, BEND, AND TEMPORARY COMPACTED FILL SHALL BE REMOVED AND REPLACED BY A CONCRETE PIPE COLLAR AND 24" RCP FLARED-END SECTION.



ELEVATION VIEW



PLAN VIEW

SEDIMENT BASIN CONTROL STRUCTURE DETAIL

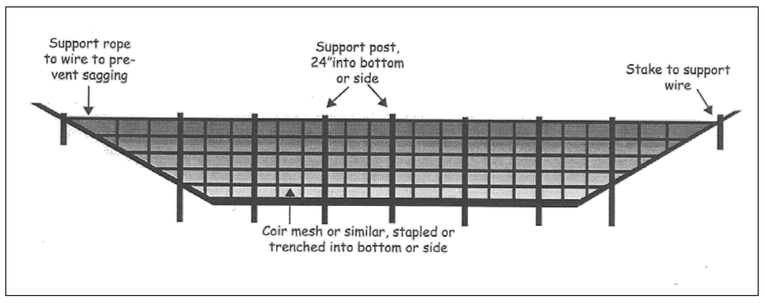


Figure SBN-2 Cross section of a porous baffle in a sediment basin
(Note: there is no weir because the water flows through the baffle material)
(from North Carolina Erosion and Sediment Control Planning and Design Manual)

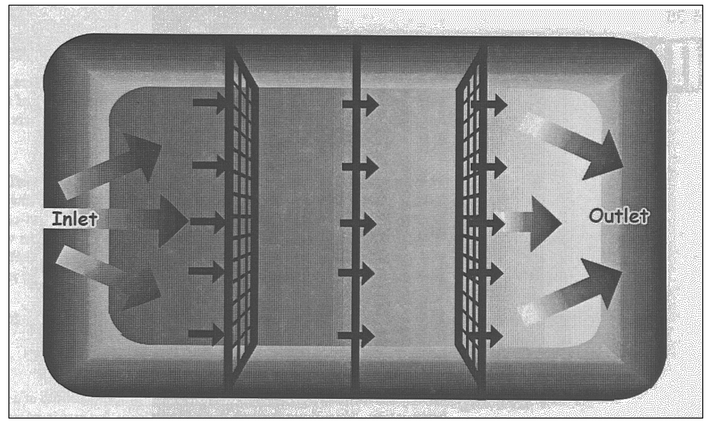


Figure SBN-1 Porous baffle in a sediment basin
(from North Carolina Erosion and Sediment Control Planning and Design Manual)

REVISIONS			
NO.	DATE	DESCRIPTION	BY
1	11/17/23	Initial Review Set	FJD

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CONSULTING ENGINEERS, P.A.
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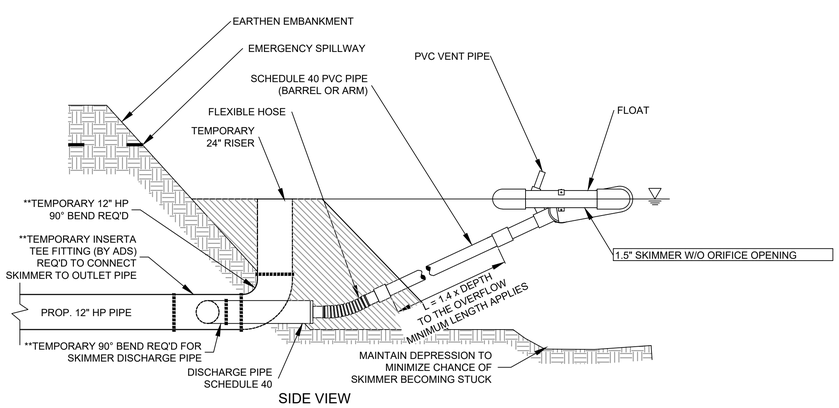
Erosion Control Details (North Pond)

Improvements for
Southern Tire Mart Warehouse,
40 Thames Drive, City of Laurel,
Jones County, MS

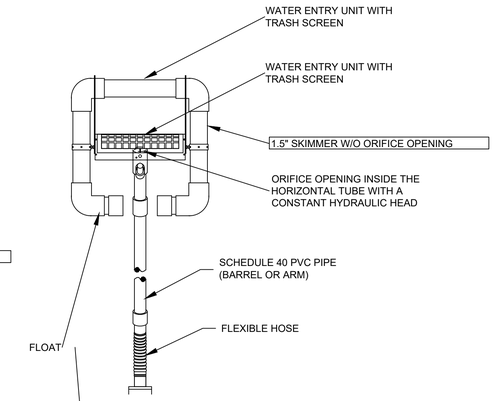
SHEET NO.
C5.2

PROJ. NO.: 70412090 | DRAWN BY: JCR | CHECKED BY: FJD | SCALE: N.T.S. | DATE: NOV, 2023

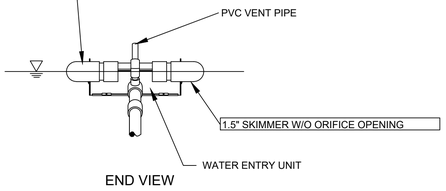
Drawing Location: S:\70412090\DWG\70412090_CIVIL.dwg



SIDE VIEW

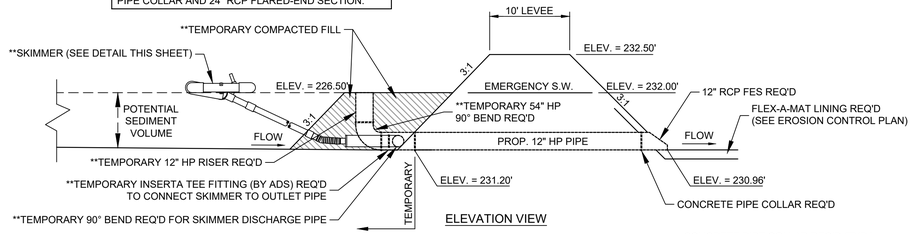


TOP VIEW

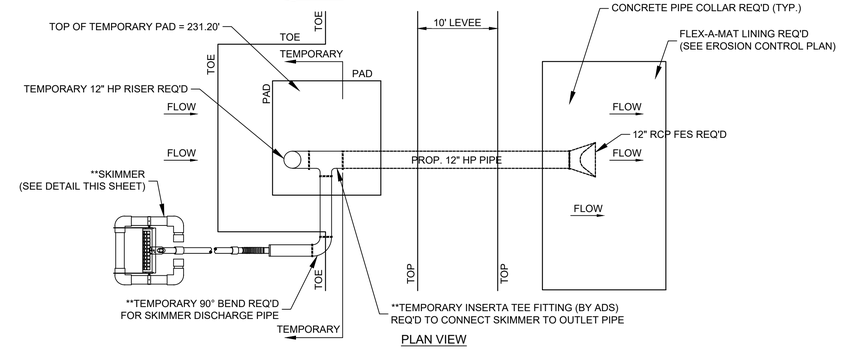


END VIEW

**NOTE: UPON FINAL SITE STABILIZATION, THE RISER, SKIMMER, BEND, AND TEMPORARY COMPACTED FILL SHALL BE REMOVED AND REPLACED BY A CONCRETE PIPE COLLAR AND 24" RCP FLARED-END SECTION.



ELEVATION VIEW



PLAN VIEW

SEDIMENT BASIN CONTROL STRUCTURE DETAIL

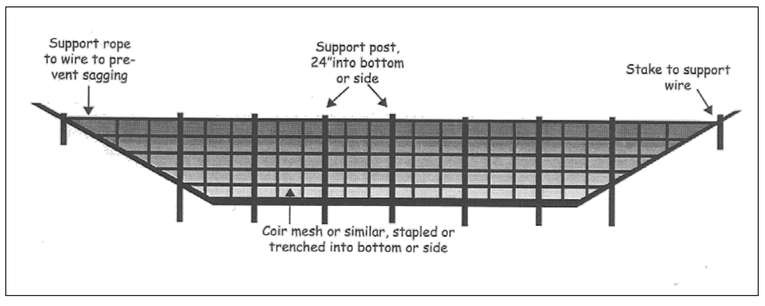


Figure SBN-2 Cross section of a porous baffle in a sediment basin
(Note: there is no weir because the water flows through the baffle material)
(from North Carolina Erosion and Sediment Control Planning and Design Manual)

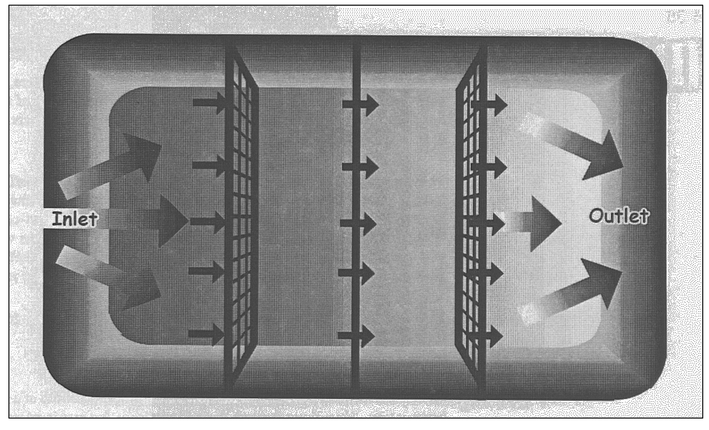


Figure SBN-1 Porous baffle in a sediment basin
(from North Carolina Erosion and Sediment Control Planning and Design Manual)

REVISIONS			
NO.	DATE	DESCRIPTION	BY
1	11/17/23	Initial Review Set	FJD

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Erosion Control Details (South Pond)

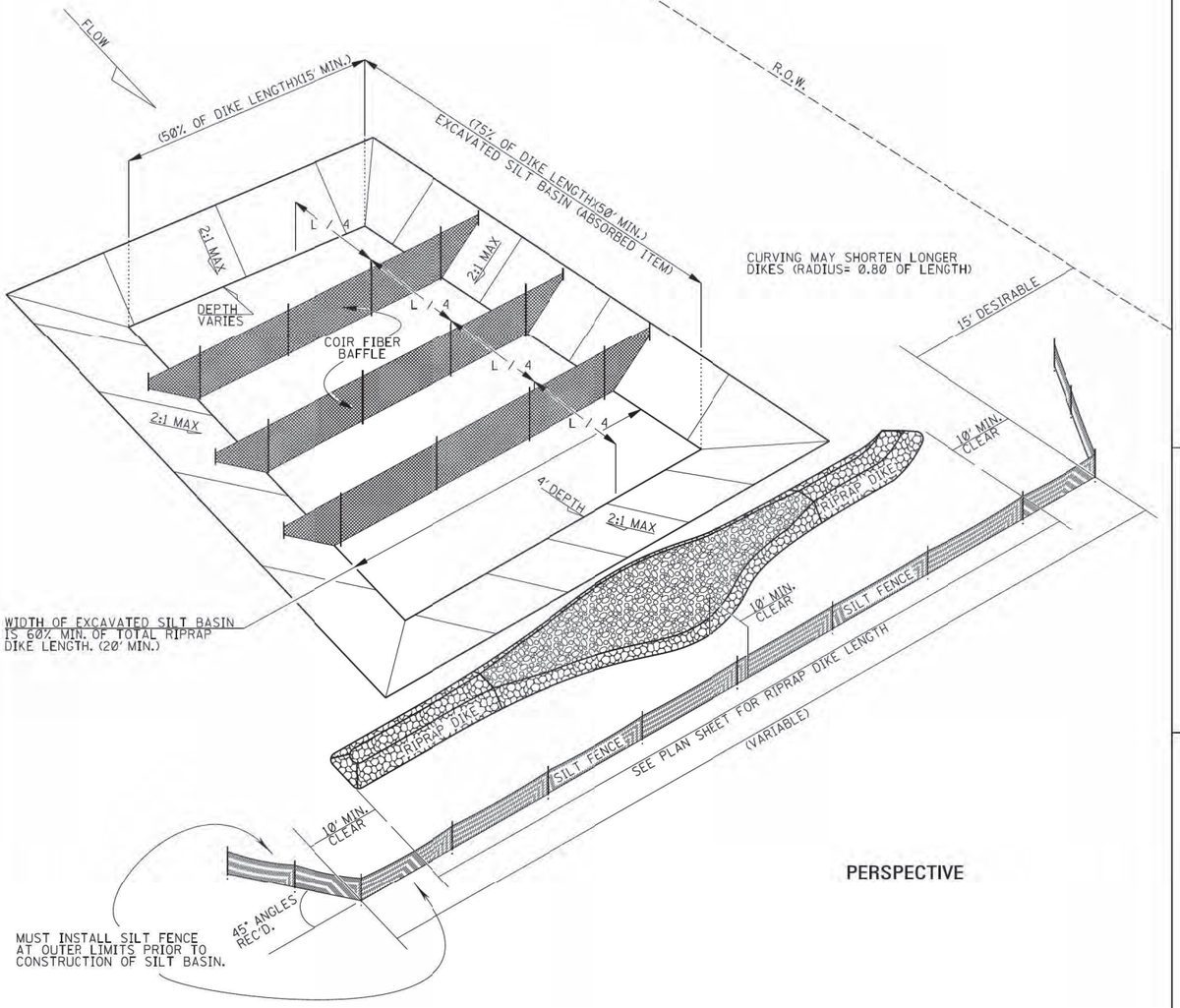
Improvements for Southern Tire Mart Warehouse, 40 Thames Drive, City of Laurel, Jones County, MS

SHEET NO. C5.3

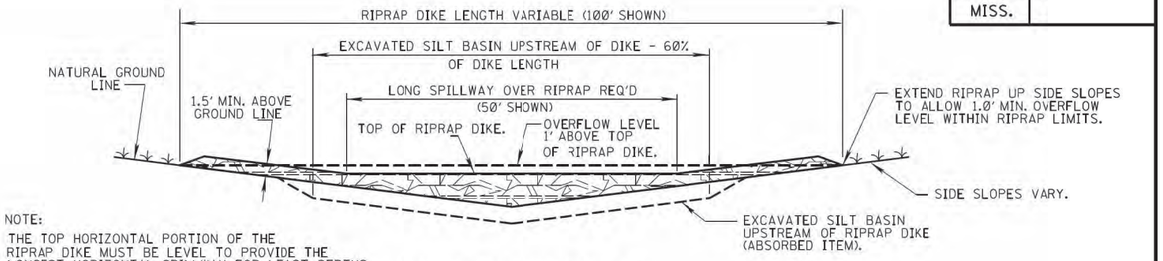
PROJ. NO.: 70412090 | DRAWN BY: JCR | CHECKED BY: FJD | SCALE: N.T.S. | DATE: NOV., 2023

Drawing Location: S:\70412090\DWG\70412090_CIVIL.dwg

STATE	PROJECT NO.
MISS.	

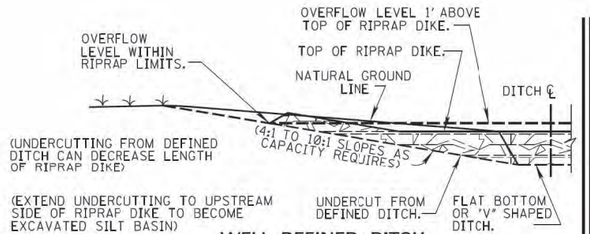


PERSPECTIVE

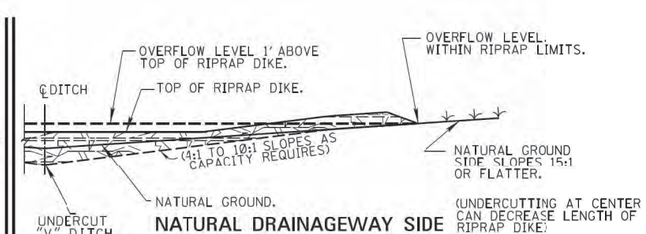


NOTE:
THE TOP HORIZONTAL PORTION OF THE RIPRAP DIKE MUST BE LEVEL TO PROVIDE THE LONGEST HORIZONTAL SPILLWAY FOR LEAST DEPTHS OF OVERFLOW (DO NOT MAKE A SPILLWAY NOTCH).

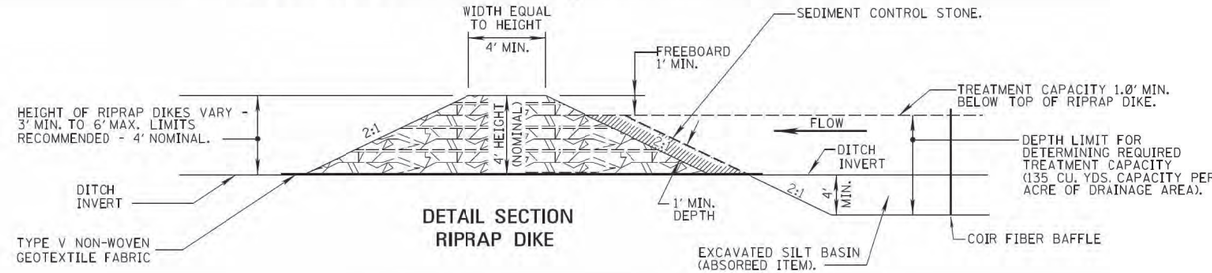
SECTION OF RIPRAP DIKE



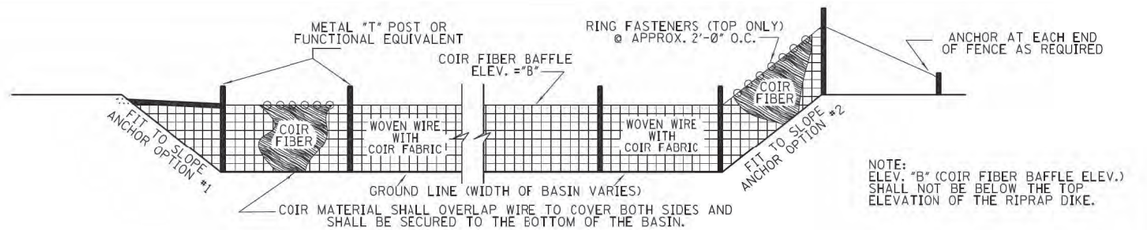
WELL DEFINED DITCH
(1/2 SECTION)



NATURAL DRAINAGEWAY SIDE SLOPES 15:1 AND FLATTER
(1/2 SECTION)

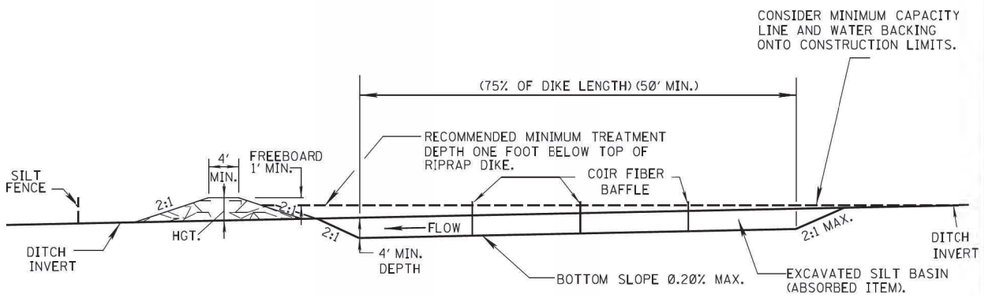


DETAIL SECTION
RIPRAP DIKE



NOTE:
ELEV. "B" (COIR FIBER BAFFLE ELEV.) SHALL NOT BE BELOW THE TOP ELEVATION OF THE RIPRAP DIKE.

COIR FIBER BAFFLE DETAIL



PROFILE

GENERAL NOTES:

1. THE REQUIRED SIZE / CAPACITY OF THE RIPRAP DIKE SILT BASIN IS AT LEAST 135 CUBIC YARDS OF VOLUME / CAPACITY PER ACRE OF DRAINAGE AREA RECEIVED. THE RIPRAP DIKE SILT BASIN MUST BE MAINTAINED AT ALL TIMES TO ASSURE THE INTENDED FUNCTION, REMOVING THE ACCUMULATED SILT ROUTINELY AND / OR WHEN APPROACHING A 50% MAXIMUM DECREASE FROM THE EFFECTIVE DESIGN CAPACITY, AND RESTORING THE BASIN TO ITS ORIGINAL EFFECTIVE DESIGN CAPACITY.
2. THE CONTRACTOR SHALL BE REQUIRED TO FURNISH ALL MATERIALS, PERFORM ALL WORK FOR THE PROPER INSTALLATION, MAINTENANCE, AND REMOVAL OF TEMPORARY EROSION CONTROL MEASURES NECESSARY TO CONTROL SILTATION.
3. AFTER THE PURPOSE FOR THE SILT BASIN HAS BEEN SERVED, THE POSTS AND SILT FENCE SHALL BE REMOVED. THE RIPRAP AND SEDIMENT CONTROL STONE SHALL BE REMOVED AND PLACED AT A PIPE OUTLET. THE DISTURBED AREA SHALL BE SITE GRADED AND REVEGETATED AS DEEMED NECESSARY BY THE ENGINEER. ALL COSTS OF REMOVAL AND REPLACEMENT SHALL BE INCLUDED IN OTHER ITEMS BID.
4. RIPRAP FOR THE TYPE D SILT BASIN SHALL BE MIN. 100 LB RIPRAP AND SHALL BE PAID FOR - PER TON.
5. SEDIMENT CONTROL STONE SHALL BE PAID FOR - PER TON.
6. THE TEMPORARY EROSION CONTROL MEASURES SHOWN ON THIS SHEET WILL ONLY BE MEASURED FOR SEPARATE PAYMENT WHEN APPROPRIATE PAY ITEMS ARE INCLUDED IN THE BID SCHEDULE OF THE PROPOSAL.
7. THE ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES 1/3 TO 1/2 THE HEIGHT OF THE CONTROL FEATURE. SILT SHALL BE DISPOSED OF PROPERLY AND SHALL NOT BE DISPOSED OF IN THE VINCINITY OF THE EROSION CONTROL DEVICES.
8. THE COIR FIBER BAFFLES SHALL BE CONSTRUCTED OF 100% COCONUT (COIR) FIBER MATERIAL SUPPORTED BETWEEN POSTS WITH A WIRE MESH BACKING AS SHOWN ABOVE. ROWS SHALL BE EVENLY SPACED THROUGH THE BASIN.
9. THE COIR FIBER BAFFLES SHALL BE PAID FOR - PER LINEAR FEET. (INCLUDES ALL ITEMS SHOWN IN DETAIL NEEDED FOR INSTALLATION).
10. COST OF FABRIC SHALL BE INCLUDED IN OTHER ITEMS BID.

BY	REVISION	DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

TYPICAL TEMPORARY EROSION CONTROL MEASURES

(TYPE D SILT BASIN)
(135 CU. YDS. CAPACITY PER ACRE OF DRAINAGE)

MDOT
WORKING NUMBER
BAS-D

ISSUE DATE: AUGUST 01, 2017

SHEET NUMBER
6129