AI: 16697

Coverage #: MSR109216

Rec'd via email: 02/26/2024

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 9216

(NUMBER TO BE ASSIGNED BY STATE)

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

OWNER CONTACT INFORMATION

OWNER CONTACT PERSON: Justin Mahfouz

OWNER COMPANY LEGAL NAME: The Pinelands,LLC

OWNER STREET OR P.O. BOX: 4273 I-55 N, Suite 1-B

OWNER CITY: Jackson **STATE:** MS **ZIP:** 39206

OWNER PHONE #: (601) 713-1911 **OWNER EMAIL:** jmahfouz@partridgeinc.com

PREPARER CONTACT INFORMATION

IF NOI WAS PREPARED BY SOMEONE OTHER THAN THE APPLICANT

CONTACT PERSON: Allen Pugh

COMPANY LEGAL NAME: Mendrop Engineering

STREET OR P.O. BOX: 854 Wilson Drive, Suite A

CITY: Ridgeland **STATE:** MS **ZIP:** 39157

PHONE: (601)-899-5158 **EMAIL:** apugh@mendrop.net

PRIME CONTRACTOR CONTACT INFORMATION

PRIME CONTRACTOR CONTACT PERSON: N/A - Unknown at this time

PRIME CONTRACTOR COMPANY LEGAL NAME:

PRIME CONTRACTOR STREET OR P.O. BOX:

PRIME CONTRACTOR CITY: **STATE:** **ZIP:**

PRIME CONTRACTOR PHONE #: (____)_____ **PRIME CONTRACTOR EMAIL:**

FACILITY SITE INFORMATION

FACILITY SITE NAME: Sewerline for Pinelands Development

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: Hugh Ward Boulevard

CITY: Flowood STATE: MS COUNTY: Rankin ZIP: 39047

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

LATITUDE: 32 **degrees** 21 **minutes** 26.87 **seconds** **LONGITUDE:** 90 **degrees** 1 **minutes** 37.03 **seconds**

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

TOTAL ACREAGE THAT WILL BE DISTURBED [1]: +/- 2.3

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

IF YES, NAME OF LARGER COMMON PLAN OF DEVELOPMENT: The Pinelands, LLC
AND PERMIT COVERAGE NUMBER: MSR10_2072_ _

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

ESTIMATED CONSTRUCTION PROJECT END DATE: 2025-01-01
YYYY-MM-DD

DESCRIPTION OF CONSTRUCTION ACTIVITY: Gravity Sewerline

PROPOSED DESCRIPTION OF PROPERTY USE AFTER CONSTRUCTION HAS BEEN COMPLETED: Sewer conveyance for future developments

SIC Code: 6552 ___ ___ **NAICS Code** 236220 __ __ __

NEAREST NAMED RECEIVING STREAM: Mill 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):

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:** MDEQ Wastewater Permit

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.**

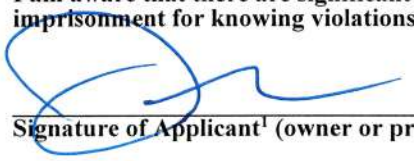
☐ **Individual Onsite Wastewater Disposal Systems for Subdivisions Greater than 35 Lots. A determination of the feasibility of installing a central sewage collection and treatment system must be made by MDEQ. A copy of the response from MDEQ concerning the feasibility study must be attached. If a central 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:

_____

_____

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)

1-31-24

Date Signed

Justin Mahfouz

Printed Name

Managing Partner

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

STORM WATER POLLUTION PREVENTION PLAN (SWPPP)

LARGE CONSTRUCTION STORM WATER GENERAL NPDES PERMIT

for

The Pinelands, LLC
Pinelands Gravity Sewer

SW1/4 SE1/4 Section 18, NE1/4 NE1/4 Section 19,
Township 6 North, Range 3 East
Rankin County, Mississippi

February 2024

PREPARED BY:

Mendrop Engineering Resources, LLC
854 Wilson Drive, Suite A
Ridgeland, MS 39157
(601) 899-5158

MENDROP

TABLE OF CONTENTS

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 site storm water flows from potential pollutants associated with construction activities. The SWPPP has been prepared for Pinelands, LLC for the proposed Pinelands Gravity Sewer, as required by the Mississippi Department of Environmental Quality (MDEQ) in compliance with the applicable regulations for coverage under the Large Construction Storm Water General NPDES Permit. Mendrop Engineering has developed this SWPPP to be incorporated into the routine construction activities associated with the proposed site development plans. The potential sources of pollution have been identified at the site and are described in the 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.

II. Site Assessment

A. Location

The site is located within the Southwest Quarter of the Southeast Quarter of Section 18 and the Northeast Quarter of the Northeast Quarter of Section 19, all in Township 6 North, Range 3 East, Rankin County, Mississippi. The subject property is also referenced by 32°21’26.66”N 90°1’35.83”W. The project site includes an approximate 2.3-acre area of disturbance for approximately 2138 LF of gravity sewer line. Access to the property is granted via Hugh Ward Boulevard (Appendix I).

B. Soils

The site contains Gillsburg silt loam, 0 to 2 percent slopes (5), Tippah silt loam, 5 to 8 percent slopes (35C2), and Smithdale-Providence Complex 8 to 17 percent slopes (Appendix II).

C. Description of Work

The Pinelands, LLC proposes to complete Pinelands Gravity Sewer within an approximate 2.3-acre parcel of land.

<u>Construction Methodology</u>

The project will consist of installing approximately 2,138 LF of sewer pipe and required manholes. The erosion control plan will be amended as necessary to ensure stability throughout each facet of the planned project. Each lot owner will be responsible for the design of their grading plan and erosion control plan. Post construction storm water management is supported by Pinelands, LLC and the management of the basin located within the southeast corner of the site.

Construction Access

Pinelands, LLC plans to utilize a construction access point at the intersection of Hugh Ward Boulevard and Manship Road along with another access point 1,600 LF south of that intersection on Hugh Ward Boulevard. The construction access will be completed as part of the initial phases of construction and will be maintained for the entire project.

General Storm Water Management Plan

Preconstruction surface storm water runoff flows within planned construction area is detained by the Lakes of Pinelands. The planned construction area along Hugh Ward Boulevard is graded to drain to the Lakes of Pinelands south of the construction area. A single line of temporary erosion controls will be used in tandem with the Lakes of Pinelands, to support each phase of the construction sequence preventing secondary impacts to the downstream watersheds.

Post Construction Water Quality Pond

Post construction, surface water will be conveyed along the ground surface to the Lakes of Pinelands south of the site. The Lakes of Pinelands have been designed to accept surface water runoff post construction providing storage and treatment in accordance with the MDEQ Specific Design Criteria.

D. Potential Pollution Sources

The most significant potential pollutants are soil particles subject to removal by storm water. Other potential pollutants subject to removal by storm water are spilled fuel and lubricants. Material may also be inadvertently tracked off-site or blown off-site when distributed by hauling equipment. The storm water which leaves the site shall meet the non-numeric limitations of being free from 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; chemicals in concentrations that would cause violations of the State Water Quality Criteria in the receiving waters.

E. 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.

F. Drainage Patterns

Most of the rainwater that falls on areas disturbed by construction activities will flow south from the project site. The project site is positioned within one (1) watershed. Surface water will continue through Lakes of Pinelands retention ponds associated with adjacent developments before flowing into the reach of Mill Creek, located to the east. Mill Creek is considered a direct tributary to the Pelahatchie Bay. Post construction, surface water will be

conveyed via subsurface drainage through the Lakes of Pinelands to the north of the site then released downstream to the east as described.

G. Receiving Waters / Established TMDLs

The primary receiving water for this project is Mill Creek. Extensive measures will be taken to prevent any silt and sediment contamination from entering this receiving stream. Mill Creek is located to the north and does not have a TMDL. Adverse impacts to downstream resources is not anticipated with this planned project.

H. Wetlands

Based upon the review of the project site, there are no wetland and/or other waters of the U.S. within the subject property boundary. All other permits will be obtained prior to the construction start date.

III. Best Management Practices (BMPs)

A. Erosion and Sediment Control

Construction activities shall not cause more than minimal and temporal water quality degradation of any adjacent jurisdictional wetlands, streams, or water body. Appropriately chosen and installed erosion and sediment control BMPs will be used to prevent sediment from leaving the site. All BMPs implemented for the site will be in accordance with the standards set forth in the most current edition of the MDEQ "Planning and Design Manual for the Control of Erosion, Sediment and Storm Water. The contractor will be responsible for installing, inspecting, and maintaining the erosion and sediment controls for the duration of the project until 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 and final stabilization of the site is achieved. The site plan found in Appendix III will detail where each BMP will be used. Additional control measures could include but are not limited to the use of secured sediment/silt fencing, wooden or vinyl barriers and/or seeding or sodding of exposed or disturbed areas.

B. Structural Practices

- Construction Entrance/Exit (Temporary Practice) – There will be one (2) construction entrances, located along the north and south sides of the site (Appendix III). Aggregate should be at least six (6) inches thick and 50 feet long using DOT #1 coarse aggregate. The entrances will be inspected weekly and periodic top dressing with new gravel may be necessary when it becomes clogged with dirt and/or debris to prevent the tracking of mud and dirt onto the roadway. In addition, dirt and debris that accumulates on the roadway should be removed immediately. The GP interprets immediately to mean no later than the next workday.

- Silt Fence (Temporary Practice) – Silt fence will be installed as shown on the site plan. It will be placed between the area to be disturbed and potential discharge locations or deemed necessary once construction begins. The fence will be maintained, and the sediment will be removed when the deposits reach one third to one-half the fence height. Silt fence used must be trenched into the ground a minimum of six (6) inches. All removed sediment deposits shall be properly disposed within the project site and in accordance with this plan.

  Exact locations for each of the BMP's are included within this report.

C. Vegetative Practices

- Temporary Seeding (Temporary Practice) – Soil stabilization-vegetative stabilization measures must be initiated whenever any clearing, grading, grubbing, excavation, or other land disturbing activities have temporarily or permanently ceased on any portion of the site and will not resume for a period of fourteen (14) calendar days or more. The appropriate temporary or permanent vegetative practices shall be initiated immediately. MDEQ defines immediately to mean no later than the next workday.

- Permanent Seeding - The vegetative practices should be fertilized at one-half the initial rates at the beginning of the second growing season. Eroded areas should be shaped, smoothed, and replanted at this time. See the MDEQ SWPPP Guidance Manual for seeding, mulching and fertilizing rates. All seed mix considered would be selected from the MDEQ approved listing which is included in this report. Topsoil will be stockpiled and used in areas that will be re-vegetated. In areas where heavy equipment is utilized the top four (4) inches of the soil bed will be tilled or prepped before revegetation.

- Dust Control - Dust will be controlled as much as possible during construction by temporary seeding and spraying with water. The construction accesses shall be stabilized and monitored during high traffic times to minimize the dust on construction roads.

- Tree Protection - Efforts will be made to maintain tree buffer areas around the site as stated in the Buffer Zone section of this report. Grading around these sites will be minimal to ensure the trees at these locations will remain as the buffer zone was designed.

D. Spill Prevention and Response Procedures

All above-ground fuel storage tanks (AST) shall be double-wall tanks and shall additionally include additional secondary containment measures (dike/berm per US EPA standards). If any fuel storage tanks are present on site, a dike should be constructed around them in order to contain any accidental spillage. All truck mounted tanks shall be double-walled tanks. It is understood that fuel will likely be transported via truck to equipment on

the project site. In all circumstances, fuel that is transported on the project site shall be transported within a double-walled tank. The name and number of a competent hazardous waste disposal contractor shall be maintained by the contractor for use in the event of a spill.

- Fueling and Vehicle Maintenance Locations - Fueling and vehicle maintenance areas shall use BMP's for industrial activities to ensure that pollutants do not impact the storm water runoff. Impervious dikes and berms shall be used to contain potential spills. Drums and containers for holding and transporting contaminated materials should be on site.

E. Operation and Maintenance

The best management practices and outfalls/discharge points must be properly installed and maintained as designed and inspected after rain events that produce a discharge and at least weekly for a minimum of four (4) inspections per month. Any poorly functioning erosion or sediment controls, non-compliant discharges, or any other deficiencies observed during the inspections shall be corrected as soon as possible, but not to exceed 24 hours of the inspection unless prevented by unsafe weather conditions as documented on the inspection form.

Any poorly functioning erosion or sediment controls, non-compliant discharges or any other deficiencies observed during the inspections shall be corrected as soon as possible, but not to exceed 24 hours of the inspection unless prevented by unsafe weather conditions as documented on the inspection form.

F. Record Keeping

Records shall be retained for three (3) years of all maintenance activities, spills, and inspections, including a description of the quality and quantity of storm water.

G. Employee Training

The Permittee understands the requirements of the GP as it pertains to installation, routine maintenance, corrective action, and weekly inspections and will make sure that their contractors understand the need for Permit compliance in accordance with General Permit Act5 T-20 and T-21. Pre-construction training with all on-site workers is required to discuss the requirements and responsibilities of all environmental permitting required by the project. A training roster must be signed and maintained on site. All employees joining the project after the initial meeting must receive the environmental training and sign the roster.

H. Housekeeping Practices

Pollutants that may enter storm water from construction sites because of poor housekeeping include oils, grease, paints, gasoline, solvents, litter, debris, and sanitary waste. During construction activities, the contractor is required to:

- designate areas for equipment maintenance and repair
- provide waste receptacles at convenient locations and provide regular collection of waste
- provide protected storage areas for chemicals, paints, solvents, fertilizers, and other potentially toxic materials
- provide adequately maintained sanitary facilities
- designate an area for concrete truck wash off.
- streets will be swept as needed to remove sediment or other debris that has been tracked from construction site. No later than the next workday.
- sediment or other pollutants will be periodically removed from control measures when deposits reach one-third to one-half the height of the control, conveyance channels, or storm drain inlets.
- All removed sediment deposits shall be properly disposed of in accordance with this plan. Nonfunctioning controls shall be repaired, replaced or supplemented with functioning controls within twenty – four (24) hrs of discovery or as soon as field conditions allow.

IV. Construction Sequence

Below is the construction sequence for this project. This sequence could change depending on the sequence of letting bids, contracting, etc. The construction sequence will be updated if changes occur.

1. Obtain plan approval and all other permits as needed.
2. Have a pre-construction conference to review all needed BMPs.
3. Begin minor clearing to install stabilized construction entrances at initial points of egress and perimeter controls.
4. Control measures should be installed prior to site grading.
5. Begin major clearing and grubbing operations after key sediment controls are installed.
6. Install temporary diversions, where applicable, along steep cleared and grubbed slopes to divert runoff toward silt basins or other controls.
7. Install housekeeping area (this area is designated for concrete washout area, fuel depot, trash collection, maintenance, and sanitary station)
8. Perform weekly reviews of site conditions along with erosion and sediment practices to ensure compliance with the SWPPP. Inspection reports will be kept on site with an updated SWPPP.

12. As the site is cleared, maintain BMPs as needed to ensure minimal erosion and sedimentation problems.

13. Perform any temporary seeding as needed and instructed throughout the construction process.

14. Final grading, seeding, sodding, mulching, and fertilizing.

15. Ensure 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 and final stabilization is achieved within the project site.

16. Removal of any temporary measures.

V. Implementation Schedule

A. Structural Measures

The non-existing structural measures shall be installed as the weather permits, and the existing measures shall be re-conditioned as well. General implementation principles are:

1. Install down-slope and perimeter controls before other site work
2. Divert upslope water around area before major site grading
3. Do not disturb an area until it is necessary
4. Time construction activities to limit impact from seasonal weather
5. Cover or stabilize disturbed area as soon as possible
6. Do not remove temporary controls until after site stabilization
7. The permittee shall limit clearing, excavation, and the placement of fill materials to areas essential to the project. The remainder of the property shall be left in its natural state.

B. Vegetative Measures

Vegetative plantings will be performed in accordance with the planting and seeding schedule found in the Mississippi SWPPP Guidance Manual. Disturbed areas shall be grassed during the first open planting season after completion. Construction should be scheduled in order that un-vegetated exposure is minimized.

C. Proof of Coverage

A copy of the Large Construction Storm Water General Permit certificate and a copy of the Storm Water Pollution Prevention Plan should be kept onsite or locally available. Copies of these documents are provided in the Appendix.

VI. Inspections and Reporting

A. Inspections

Inspections of the best management practices and other storm water pollution prevention plan requirements shall be performed as follows:

1. At least weekly for a minimum of four inspections per month,
2. After any rain event that produces a discharge, and
3. As often as necessary to ensure that appropriate erosion and sediment controls have been properly implemented and maintained.

The minimum inspection requirement in no way relieves the permittee of performing whatever inspections are needed to insure safe and pollution free facility operation. Any poorly functioning erosion controls or sediment controls, non-compliant discharges, or any other deficiencies observed during the inspections required under this permit shall be corrected as soon as possible, but not to exceed 24 hours of the inspection unless prevented by unsafe weather conditions as documented on the inspection form.

B. Reporting

The owner and/or contractor must inspect, as described in above section, and maintain controls and prepare weekly reports noting damages or deficiencies and corrective measures.These inspection reports are kept on-site until the site is stabilized.

As previously stated, all records, reports and information resulting from activities required by this plan and your permit coverage shall be retained for at least three (3) years from the date construction was completed.

A rain gauge shall be placed in a central location on the site and used to obtain rainfall amounts. This information will be needed for proper completion of the inspection report.

VII. Revisions

The storm water pollution 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:

- Inadequacies revealed by routine inspections.
- Changes in identified sources, non-storm water discharges or non-storm water solid wastes.
- Office of Pollution Control notification that the plan does not meet one or more of the minimum requirements.
- Changes in design, construction, operation, or maintenance, which has affected the discharge of pollutants to waters of the State, and which were not otherwise addressed in the SWPPP.

- Identification of any new contractor and/or subcontractor that will implement a measure of the SWPPP.
- Install additional erosion and sediment controls when existing controls prove to be ineffective.

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

VIII. Termination of Coverage

Within thirty (30) days of final stabilization, the Office of Pollution Control must be notified by a completed Request for Termination (RFT) of Coverage form (copy provided). MDEQ staff will inspect the site and if no sediment or erosion problems are identified and adequate permanent controls are established, the owner or operator will receive a termination letter. Coverage is not terminated until notified in writing by MDEQ.

IX. Post Construction Maintenance

A. Management

Pinelands, LLC, per Large Construction General Permit for land disturbing activities of five or more acres, will remain responsible for compliance with this general permit until a new owner or operator satisfies the requirements of S-4 (Commercial Development – Individual Lots or Parcels) of this act. Referencing S-4 of MDEQ Large Construction General Permit.

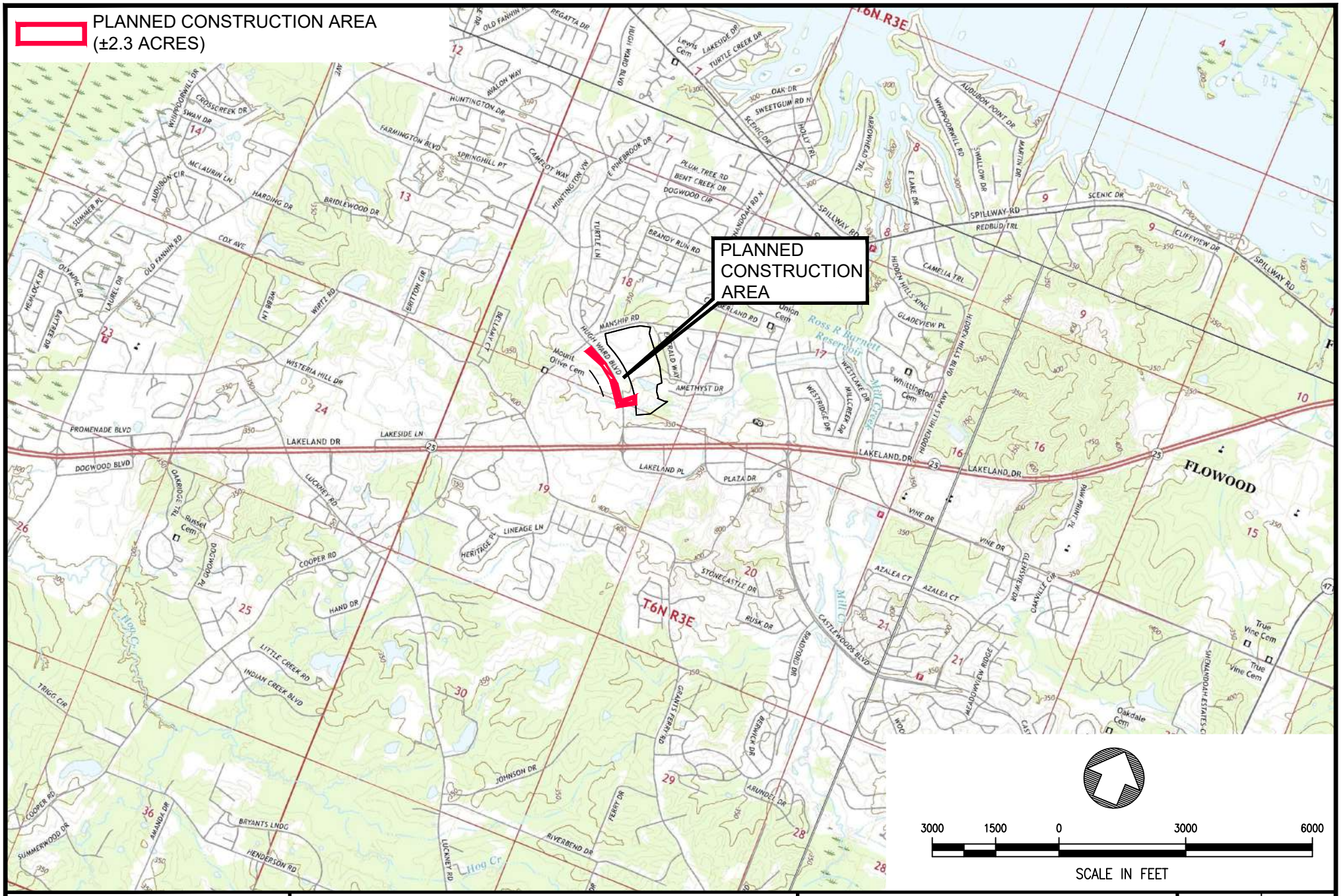
B. Maintenance Plan

As part of the maintenance plan, Pinelands, LLC will complete post construction inspections and maintenance of the site, curb and gutter systems, drainage systems, retention systems and structures on a monthly basis, or as necessary, to ensure all infrastructure and controls remain stable and functioning in accordance with the City of Flowood and MDEQ regulations. Upon individual lots being bought by other owners, the responsibility will then transfer to that of the new owners.

C. Adaptive Management Plan

Upon the identification of a deficiency, the management company shall develop a plan to correct the deficiency. Consultation with Mendrop Engineering Resources and/or Mendrop Engineering Resources, LLC may be considered as it relates to a design and regulatory authority. In general, the requirement of the management company will include the mitigation of the deficiency to ensure that the functions of the storm water management systems remain functioning as designed.

X. APPENDIX I – LOCATION MAPS



SW1/4 SE1/4 SECTION 18, NE$\frac{1}{4}$
NE$\frac{1}{4}$ SECTION 19, T6N, R3E
CITY OF FLOWOOD
RANKIN COUNTY, MISSISSIPPI

SITE LOCATION MAP

THE PINELANDS DEVELOPMENT
PINELANDS GRAVITY SEWER

MENDROP

854 WILSON DRIVE
SUITE A
RIDGELAND, MS 39157
TEL (601) 899-5158
FAX (601) 899-5110

DSGN:	JWB	DATE:	01/24
DRWN:	JWB	DATE:	01/24
CHKD:	RAP	DATE:	01/24
SCALE:	1"=3000'		
DRAWING NO.	1 of 1		

SW1/4 SE1/4 SECTION 18, NE$\frac{1}{4}$
NE$\frac{1}{4}$ SECTION 19, T6N, R3E
CITY OF FLOWOOD
RANKIN COUNTY, MISSISSIPPI

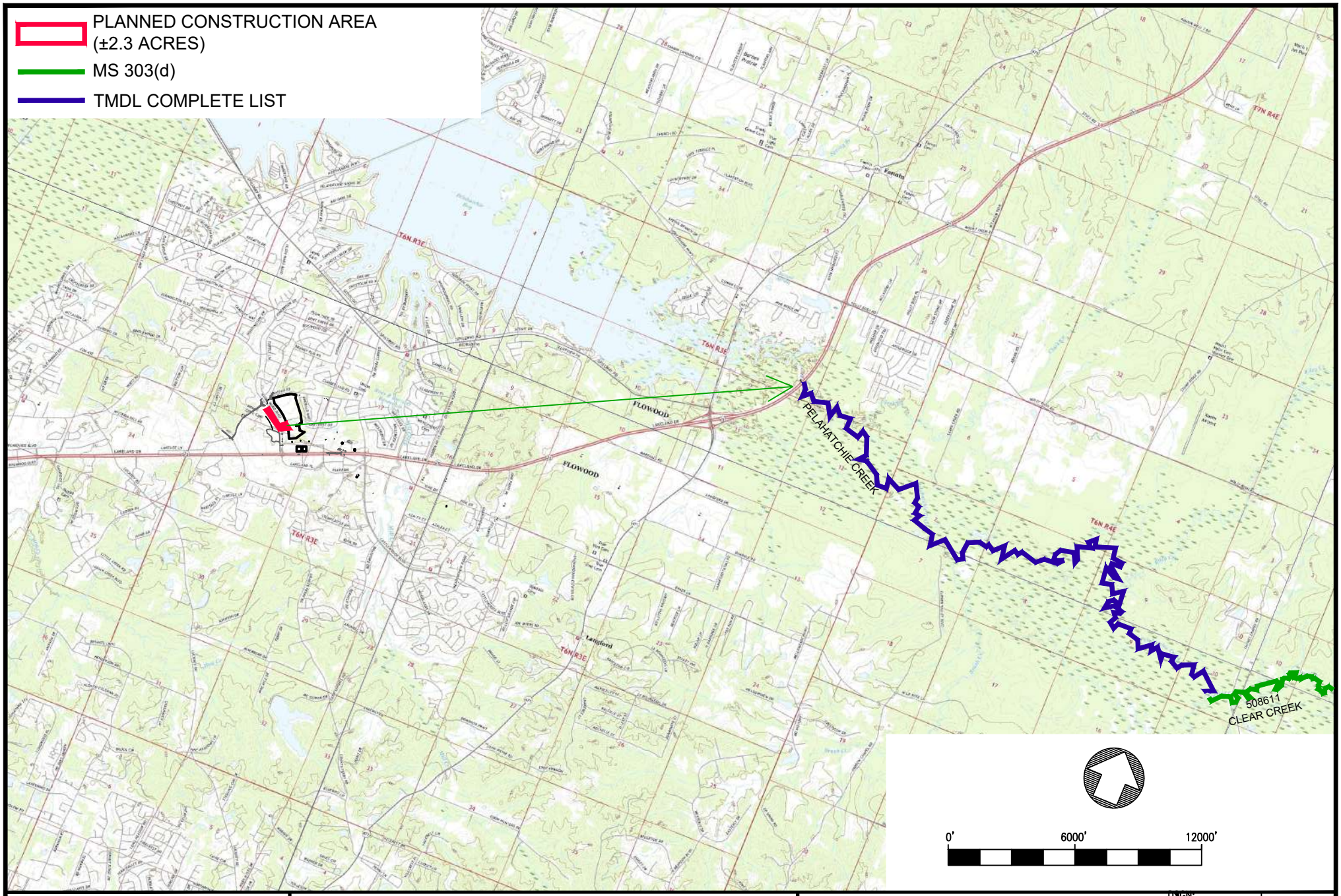
SITE LOCATION MAP

THE PINELANDS DEVELOPMENT
PINELANDS GRAVITY SEWER

MENDROP

854 WILSON DRIVE
SUITE A
RIDGELAND, MS 39157
TEL (601) 899-5158
FAX (601) 899-5110

DSGN:	J.W.B	DATE:	01/24
DRWN:	J.W.B	DATE:	01/24
CHKD:	R.A.P	DATE:	01/24
SCALE:	1"=500'		
DRAWING NO.	1 of 1		



SW1/4 SE1/4 SECTION 18, NE$\frac{1}{4}$
NE$\frac{1}{4}$ SECTION 19, T6N, R3E
CITY OF FLOWOOD
RANKIN COUNTY, MISSISSIPPI

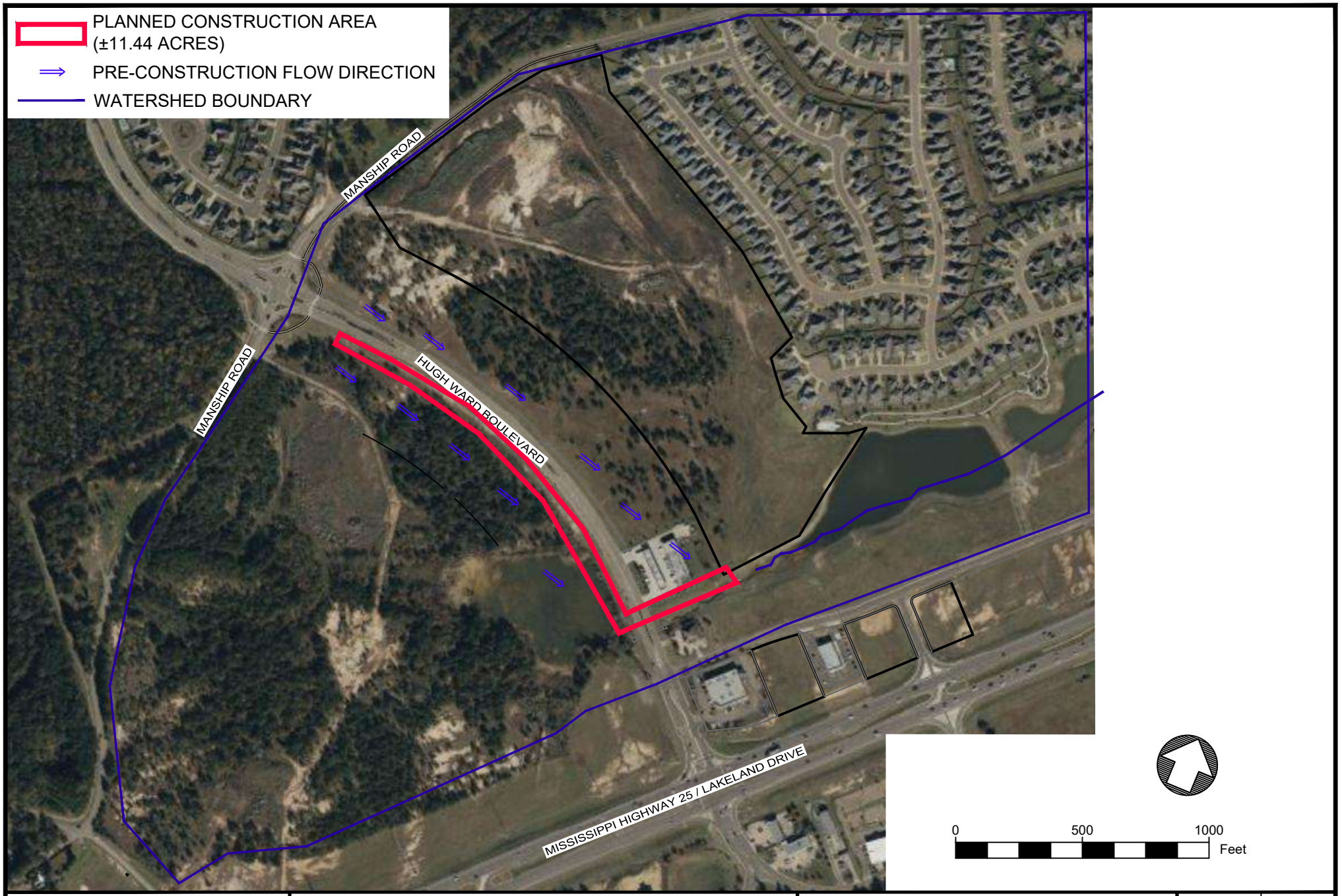
MS 303(d) LOCATION MAP

THE PINELANDS DEVELOPMENT
PINELANDS GRAVITY SEWER

MENDROP

854 WILSON DRIVE
SUITE A
RIDGELAND, MS 39157
TEL (601) 899-5158
FAX (601) 899-5110

DSGN:	JWB	DATE:	01/24
DRWN:	JWB	DATE:	01/24
CHKD:	RAP	DATE:	01/24
SCALE:	1"=6000'		
DRAWING NO.	1 of 1		



SW1/4 SE1/4 SECTION 18, $NE\frac{1}{4}$
$NE\frac{1}{4}$ SECTION 19, T6N, R3E
CITY OF FLOWOOD
RANKIN COUNTY, MISSISSIPPI

WATERSHED LOCATION MAP

THE PINELANDS DEVELOPMENT
PINELANDS GRAVITY SEWER

MENDROP

854 WILSON DRIVE
SUITE A
RIDGELAND, MS 39157
TEL (601) 899-5158
FAX (601) 899-5110

DSGN:	J.W.B	DATE:	01/24
DRWN:	J.W.B	DATE:	01/24
CHKD:	R.A.P	DATE:	01/24
SCALE:	1"=500'		
DRAWING NO.	1 of 1		