Storm Water Pollution Prevention Plan

Sage Creek Planned Unit Development
Phase 1 & Phase 2

Horn Lake, MS

Prepared
For
Sage Creek Properties, LLC
5055 Pleasant View Road
Memphis, TN 38134

Prepared
By
W. H. Porter Consultants, PLLC
6055 Primacy Parkway, Suite 115
Memphis, TN 38119

Storm Water Pollution Prevention Plan Certification
Sage Creek Planned Development
Phase 1 and 2
0 Goodman Road
Horn Lake, MS

Site Owners/Developers sign this paragraph:

"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 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."

Site Owner/Developer Signature — Date: 2/24/23

Secondary Operators/Contractor's sign this paragraph:

"I certify under penalty of law that I have reviewed this document, any attachments, and the SWPPP referenced above. Based on my inquiry of the construction site owner/developer identified above and/or my inquiry of the person directly responsible for assembling this NOI and SWPPP, I believe the information submitted is accurate. I am aware that this NOI and SWPPP, if approved, makes the above-described construction activity subject to NPDES permit number MSR100000, and that certain of my activities on-site are thereby regulated. I am aware that there are significant penalties, including the possibility of fine and imprisonment for knowing violations and for failure to comply with these permit requirements."

Contractor Signature — Date: 2/24/23

Contractor Signature — Date

Contractor Signature — Date

INTRODUCTION

W. H. Porter Consultants, PLLC has prepared this Storm Water Pollution Prevention Plan (SWPPP) in conjunction with Mississippi Large Construction Storm Water General NPDES Permit (MSR100000) for Storm Water Discharges Associated with Construction Activity. Sound engineering practices were followed in the preparation of this plan. The control measures incorporated into this plan were designed based upon a 2-year, 24-hour storm event. NOAA Atlas 14 defines the 2-year, 24-hour storm as 4.93 inches of accumulated rainfall in a 24-hour period for DeSoto County.

A Storm Water Pollution Prevention Plan is required and a designated individual is to be responsible. At least one SWPPP shall be developed for each construction site covered by this permit. For more effective coordination of BMPs and opportunities for cost sharing, a cooperative effort by the different operators at a site to prepare and participate in a comprehensive SWPPP is encouraged. In instances where there are more than one SWPPP for a site, the permittees must ensure the storm water discharge controls and other measures are compatible with one another and do not prevent another operator from complying with permit conditions.

Attached you will find the drainage area map and related erosion and sediment controls information pertaining to this site.

EXISTING SITE CONDITIONS:

The site is located east of the Willow Point Planned Development, the Hilltop Trailer Park, a property owned by Maru Burch, and a property owned by Larry W Sutherland , south of the Desoto Road, west of a property owned by Bhana Dilip Etal, and north of a property owned by Dancy Qtip Trust in Horn Lake, Mississippi. The approximate Latitude and Longitude is 34°58'03.72" and -90°04'56.29", respectively. The site is approximately 62.64 acres and is characterized by a mostly wooded area. The existing property is characterized by rolling terrain with grades ranging from 1% to 15% across the property. The major soil types represented on the site are gullied land, Loring soil material, Memphis silt loam and Vicksburg silt laom, which has a predominate Hydrologic Soil Group of B and C. The majority of the drainage generated from the property flows east to the stream located within this project's bounds. This stream is an unnamed tributary to Horn Lake Creek that flows northerly off the property.

PROJECT DESCRIPTION:

The project consists of developing the 62.64 acre parcel in 78 lots. The proposed grades on the site range between 0.5-8% within the lots with rear slopes up to 3H:1V. The proposed drainage system has been designed for approximately 3.5 cfs/acre. Silt fence will be placed along the perimeter of the disturbed area to mitigate sediment leaving the site. A majority of the onsite stormwater will be conveyed through the proposed storm drainage system before leaving the site at the three detention basins onsite. Outfall #1 conveys 6.67 acres through the basin. Outfall #2 conveys 16.29 acres of on-site drainage. Outfall #3 conveys 20.64 acres. Outfall #4 conveys 0.83 acres through a dranage pipe. The outlet of the detention basins (Outfall #1, #2, and #3) will be protected with a rock filter dam to control sediment from leaving the basin. Rip-rap will be placed at the outlets of the detention basin to control erosive velocities. All outfalls flow into the unnamed tributary to Horn Lake Creek that is on site.

Once final grading is established or when earth-moving activities are anticipated to cease for 14 days or more, the disturbed areas will be mulched and seeded or sodded immediately. No land disturbing activities may commence until **all** control measures are in place and functional. All control measures must be properly selected, installed, and maintained in accordance with the manufacturer's specifications. Limits of disturbance shall be delineated with construction fencing or other appropriate measures to ensure that earth moving activities are not conducted beyond the disturbance limits.

303(d):

There are no streams within a close proximity of the site that are included in the Mississippi 2020 Section 303(D) List of Impaired Water Bodies.

Spills and Non-Storm Water Contingencies:

All fueling of equipment and vehicles on site will be conducted near the construction entrance off of the existing road that enters the site. Any spillage will be removed immediately. Contaminated soils will be placed on heavy plastic and covered or placed into approved containers to prevent contact with storm water. All fuel tanks will be stored in the construction trailer. Any spills in excess of two gallons will be reported to a representative of the construction company.

All trucks will be washed out at the designated area near the construction entrance. Each contractor is responsible to provide litter control for trash generated by his crew. A dumpster will be located near

the construction trailer and is limited to garbage and paper trash only. Oil cans, used oil, and filters will be contained and disposed of by the contractor by taking them to an appropriate disposal center.

Sequencing of Construction

1) Install stabilized construction entrance/exit
2) Install perimeter silt fence
3) Ensure all applicable EPSC measures are in place prior to beginning earth moving activities
4) Clear and strip site
5) Construct Sediment basin
6) Perform grading for lots and pavements
7) Clear and grub site, stabilizing and denuded area where construction will cease for more than 14 days.
8) All applicable EPSC measures shall be in place prior to beginning any earth moving operations and must be maintained throughout the construction period.
9) Install infrastructure (i.e. sewer, drainage, and utilities.)
10) Implement inlet protection
11) Construct roads
12) Stabilize site with seed (sod slopes 3:1 or greater)
13) Apply/install final seeding and landscaping
14) Stabilize any denuded areas (sod on slopes 3:1 and greater, see seeding mixtures and planting dates for other areas)
15) Prepare for final seeding and landscaping. (notes: turf grass to be a Bermuda grass or equal
16) Lot clean-up

Planned Erosion, Sediment, and Storm Water Control Practices:

Construction Entrance
A temporary gravel construction entrance will be provided at Alpine Drive to help reduce vehicle tracking of sediments.

Silt Fence
Silt fences are installed along the perimeter of the disturbed site. Silt fences should be inspected and maintained bi-weekly.

Culvert Protection
Culvert protection shall be installed at the outlet of the detention basin. Culvert protection shall be installed with two layers of geotextile fabric (type III) between the mineral aggregate layer and rip-rap layer. The measure shall be inspected bi-weekly and sediment shall be removed when it has accumulated to one-half the original height of the structure.

Soil Stabilization
Stabilization of disturbed areas must, at a minimum, be initiated immediately whenever any clearing, grading, excavation or other earth disturbing activities have temporarily or permanently ceased on any portion of the site and will not resume for a period of 14 calendar days. The appropriate temporary or permanent vegetative practices shall be initiated immediately. For purposes of this permit, “immediately” is interpreted to mean no later than the next work day.

Stabilization measures, by means of mulching and seeding disturbed areas, will be initiated immediately where construction activities will temporarily or permanently cease, but in no case more than 14 days after activities have ceased. Permanent stabilization with perennial

vegetation will be initiated immediately whenever any clearing, grading, excavation or other earth disturbing activities have temporarily or permanently ceased on any portion of the site and will not resume for a period of 14 calendar days.

All slopes 3:1 and steeper, shall be sodded and pegged.

Existing vegetation will be preserved where possible.

Heavy equipment use in areas to be re-vegetated should be avoided. If compaction cannot be avoided, the top 4 inches of the soil bed should be tilled before re-vegetation. Any necessary fertilizer or other soil amendments should be added during the tilling process.

Inlet Protection
Inlet protection will be sustained by using a gravel silt barrier for inlets that are located on the paving surface and silt fence for inlets that are located in the unpaved area.

Sediment Basin 1
A temporary sediment basin will be constructed to capture runoff from the site. The basin will retain runoff from a 2-year, 24-hour storm without discharging sediment-impaired water. Once the site is fully stabilized, the sediment basin will be converted into a storm water detention pond.

The Sediment Basin shall be inspected at least twice weekly and following a rainfall that produces a discharge. Sediment shall be properly disposed of when accumulation reaches 50 percent of the wet storage capacity. After rain events, inspect the dewatering device and remove debris and trash, if necessary. During routine inspections, check embankment, emergency spillway, and outlet for erosion damage, piping, settling, seepage, or slumping along the toe or around the barrel and repair immediately.

The water surface elevation of the sediment basin will be allowed to reach 254.20 ft before draw down process commences, via a skimmer, to bring the water surface elevation back to the permanent pool elevation of 247.00 ft.

The minimum elevation the contractor can draw water from via the skimmer is 247.00 ft. The skimmer will release into the constructed outfall pipe. The contractor shall ensure that the discharge being released from dewatering will not cause any erosion by the use of rip-rap at the pipe outlet.

It will be important for the contactor to measure when to begin and stop dewatering of the sediment basin. To achieve this, at a minimum, the contractor shall mark on the standpipe the elevation of when to begin and end dewatering.

Skimmer
The Faircloth Skimmer, or equivalent, will be utilized for drawdown. During the design storm, the sediment basin is required to hold 136,224 cf of storage. The Faircloth 8 inch skimmer has a daily draw down of 97,978 cf, which will provide a draw down period of a little over one day.

Sediment Basin 2
A temporary sediment basin will be constructed to capture runoff from the site. The basin will retain runoff from a 2-year, 24-hour storm without discharging sediment-impaired water.

Once the site is fully stabilized, the sediment basin will be converted into a storm water detention pond.

The Sediment Basin shall be inspected at least twice weekly and following a rainfall that produces a discharge. Sediment shall be properly disposed of when accumulation reaches 50 percent of the wet storage capacity. After rain events, inspect the dewatering device and remove debris and trash, if necessary. During routine inspections, check embankment, emergency spillway, and outlet for erosion damage, piping, settling, seepage, or slumping along the toe or around the barrel and repair immediately.

The water surface elevation of the sediment basin will be allowed to reach 257.80 ft before draw down process commences, via a skimmer, to bring the water surface elevation back to the permanent pool elevation of 249.00 ft.

The minimum elevation the contractor can draw water from via the skimmer is 249.00 ft. The skimmer will release into the constructed outfall pipe. The contractor shall ensure that the discharge being released from dewatering will not cause any erosion by the use of rip-rap at the pipe outlet.

It will be important for the contactor to measure when to begin and stop dewatering of the sediment basin. To achieve this, at a minimum, the contractor shall mark on the standpipe the elevation of when to begin and end dewatering.

Skimmer
The Faircloth Skimmer, or equivalent, will be utilized for drawdown. During the design storm, the sediment basin is required to hold 73,203 cf of storage. The Faircloth 8 inch skimmer has a daily draw down of 97,978 cf, which will provide a draw down period of less than one day.

Sediment Basin 3
A temporary sediment basin will be constructed to capture runoff from the site. The basin will retain runoff from a 2-year, 24-hour storm without discharging sediment-impaired water. Once the site is fully stabilized, the sediment basin will be converted into a storm water detention pond.

The Sediment Basin shall be inspected at least twice weekly and following a rainfall that produces a discharge. Sediment shall be properly disposed of when accumulation reaches 50 percent of the wet storage capacity. After rain events, inspect the dewatering device and remove debris and trash, if necessary. During routine inspections, check embankment, emergency spillway, and outlet for erosion damage, piping, settling, seepage, or slumping along the toe or around the barrel and repair immediately.

The water surface elevation of the sediment basin will be allowed to reach 256.50 ft before draw down process commences, via a skimmer, to bring the water surface elevation back to the permanent pool elevation of 247.00 ft.

The minimum elevation the contractor can draw water from via the skimmer is 247.00 ft. The skimmer will release into the constructed outfall pipe. The contractor shall ensure that the discharge being released from dewatering will not cause any erosion by the use of rip-rap at the pipe outlet.

It will be important for the contactor to measure when to begin and stop dewatering of the sediment basin. To achieve this, at a minimum, the contractor shall mark on the standpipe the elevation of when to begin and end dewatering.

Skimmer
The Faircloth Skimmer, or equivalent, will be utilized for drawdown. During the design storm, the sediment basin is required to hold 198,799 cf of storage. The Faircloth 8 inch skimmer has a daily draw down of 97,978 cf, which will provide a draw down period of a little over one day when utilizing 2 skimmers.

Buffer Zones
A 50' average buffer zone is maintained throughout the Wetlands and Streams of the project.

***All control measures must be properly selected, installed, and maintained in accordance with the manufacturer's specifications. The Contractor shall be responsible for the implementation of all EPSC Measures.**

<u>Maintenance</u>:

1.) Any poorly functioning erosion controls or sediment control structures, 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.

2.) BMPs shall be inspected sediment build-up. Sediment shall be removed at the BMPs when it has reached ⅓ to ½ of the control device.

3.) Areas found to be lacking adequate vegetation shall be re-seeded and fertilized.

4.) Where silt fences are found to have fallen down, they will be replaced with new fences. Where control measures have been reduced to 50% of their design capacities, the contractor will immediately remove accumulated sediment and repair the control measure.

5.) Pre-construction vegetative ground cover shall not be destroyed, removed or disturbed more than 14 days prior to grading or earth moving unless the area is seeded and/or mulched or other temporary cover is installed immediately.

6.) Washouts in grading will be re-graded, compacted, and seeded.

7.) Off-site vehicle tracking and the generation of dust shall be minimized.

8.) Qualified personnel shall perform inspections at least once every calendar week for a minimum of four inspections per month and as often as necessary.

9.) All inspections shall be documented and include the scope, name of the inspector, date of inspection, and major observations relating to the performance of any storm water control structure that failed to operate as designed or proved inadequate.

10.) Permittees shall maintain a rain gauge and daily rainfall records at the site, or use a reference site for a record of daily amount of precipitation.

11.) If there is an anticipated storm event, all litter, construction debris, and construction chemicals that are exposed to storm water shall be picked up prior to said event.

12.) The Sediment Basins shall be inspected at least once weekly and following a rainfall that produces a discharge. Sediment shall be properly disposed of when accumulation reaches **50 percent** of the wet storage capacity. After rain events, inspect the dewatering device and remove debris and trash, if necessary. During routine inspections, check embankment, emergency spillway, and outlet for erosion damage, piping, settling, seepage, or slumping along the toe or around the barrel and repair immediately. Unanticipated breach of a sediment basin temporary containment measures shall be implemented within 24 hours after the inspection. Permanent corrective measure shall be implemented within five days of the inspection; however, if permanent corrective measures cannot be implemented within the timeframes provided herein the owner or operator shall contact MDEQ.

13.) Procedures shall provide that all controls and outfalls/discharge points are inspected after rain events that produce a discharge and at least weekly for a minimum of four inspections per month in accordance with ACT6, S-5.

14.) When the construction entrance has been inspected and has been noted to have an excessive buildup of sediment, the sediment and rock should be removed and replace with clean stone to best prevent sediment onto existing roadways.

Large Construction Notice of Intent

AI : 83402

Coverage Number: MSR108905

Rec'd via email: 03/06/2023

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**

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

O.C

MSR10 8 9 0 5

(NUMBER TO BE ASSIGNED BY STATE)

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

OWNER CONTACT INFORMATION

OWNER CONTACT PERSON: Frances Michaelle Terhune

OWNER COMPANY LEGAL NAME: Sage Creek Properties, LLC

OWNER STREET OR P.O. BOX: 5055 Pleasant View Road

OWNER CITY: Memphis **STATE:** TN **ZIP:** 38134

OWNER PHONE #: (901) 730-1104 **OWNER EMAIL:** mterhune@prositellc.com

PRIME CONTRACTOR CONTACT INFORMATION

PRIME CONTRACTOR CONTACT PERSON: Paul Frazier

PRIME CONTRACTOR COMPANY LEGAL NAME: Pro-Site Construction, LLC

PRIME CONTRACTOR STREET OR P.O. BOX: 5055 Pleasant View Road

PRIME CONTRACTOR CITY: Memphis **STATE:** TN **ZIP:** 38134

PRIME CONTRACTOR PHONE #: (901) 508-4478 **PRIME CONTRACTOR EMAIL:** pfrazier@prositellc.com

FACILITY SITE INFORMATION

FACILITY SITE NAME: Sage Creek Planned Unit Development Phase 1 & 2

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: 0 Goodman Road

CITY: Horn Lake STATE: MS COUNTY: Desoto ZIP: 38637

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

LATITUDE: 34 **degrees** 57 **minutes** 49 **seconds** **LONGITUDE:** -90 **degrees** 4701 Jack **minutes** 48 **seconds**

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

TOTAL ACREAGE THAT WILL BE DISTURBED [1]: 27.60

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

IF YES, NAME OF LARGER COMMON PLAN OF DEVELOPMENT: Sage Creek Planned Unit Development
AND PERMIT COVERAGE NUMBER: MSR10_ _ _ _

ESTIMATED CONSTRUCTION PROJECT START DATE: _____ YYYY-MM-DD

ESTIMATED CONSTRUCTION PROJECT END DATE: _____ YYYY-MM-DD

DESCRIPTION OF CONSTRUCTION ACTIVITY: Grading & drainage utilities installation, paving

PROPOSED DESCRIPTION OF PROPERTY USE AFTER CONSTRUCTION HAS BEEN COMPLETED:
Residential Subdivision

SIC Code 6 5 5 2 **NAICS Code** 2 3 7 2 1 0

NEAREST NAMED RECEIVING STREAM: Unnamed Tributary to Horn Lake 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☐

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):
Loring soil material, Loring Silty clay loam, Memphis Silt loam, and Vicksburg silt loam, which has a predominate Hydrologic Soil Group of C.

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? YES☐ NO☐

[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 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 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)	**Date Signed** 2/24/23
Frances Michaelle Terhune	Partner
Printed Name[1]	**Title**

[1]This application shall be signed as follows:

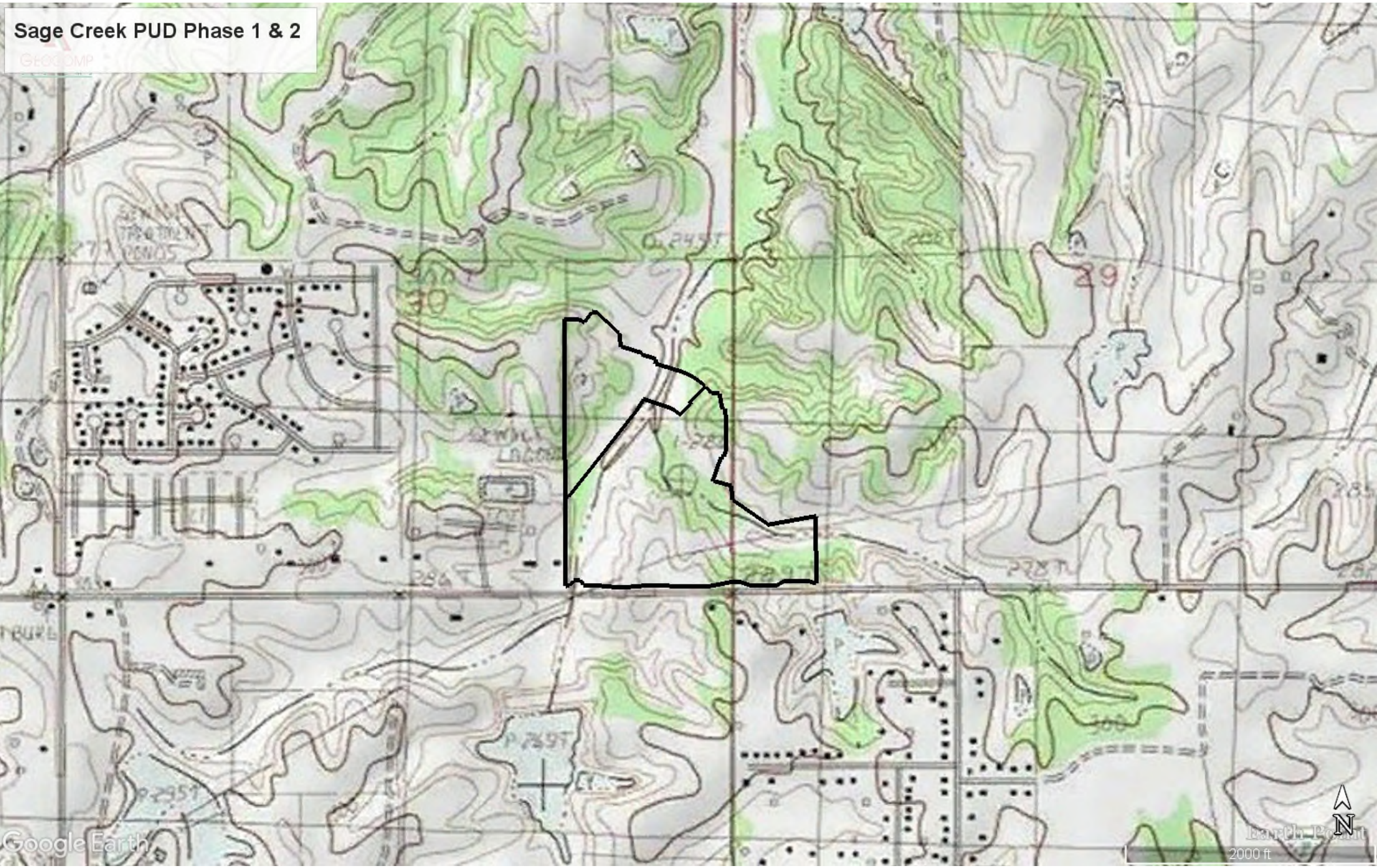
- **For a corporation, by a responsible corporate officer.**
- **For a partnership, by a general partner.**
- **For a sole proprietorship, by the proprietor.**

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

Please submit the LCNOI form to:

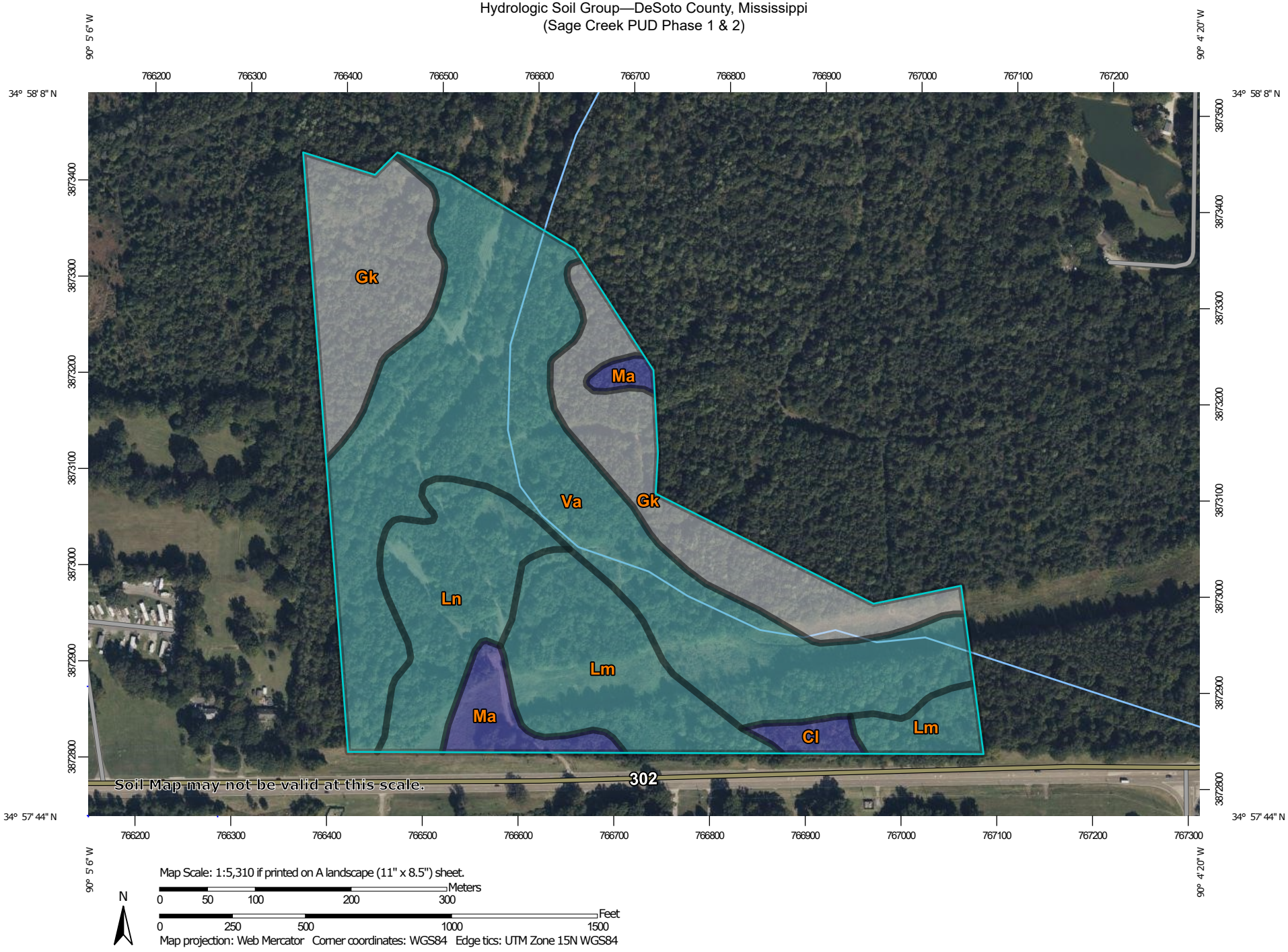
Chief, Environmental Permits Division
MS Department of Environmental Quality, Office of Pollution Control
P.O. Box 2261
Jackson, Mississippi 39225

Topo Map


Sage Creek PUD Phase 1 & 2
GEOCOMP
30
29
Google Earth
2000 ft
N

Soil Map

Hydrologic Soil Group—DeSoto County, Mississippi
(Sage Creek PUD Phase 1 & 2)



Map Scale: 1:5,310 if printed on A landscape (11" x 8.5") sheet.

N

Meters
0 50 100 200 300

Feet
0 250 500 1000 1500

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 15N WGS84

MAP LEGEND

Area of Interest (AOI)

- Area of Interest (AOI)

Soils

Soil Rating Polygons

- A
- A/D
- B
- B/D
- C
- C/D
- D
- Not rated or not available

Soil Rating Lines

- A
- A/D
- B
- B/D
- C
- C/D
- D
- Not rated or not available

Soil Rating Points

- A
- A/D
- B
- B/D
- C
- C/D
- D
- Not rated or not available

Water Features

- Streams and Canals

Transportation

- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background

- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

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

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

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

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

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

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

Soil Survey Area: DeSoto County, Mississippi
Survey Area Data: Version 21, Sep 9, 2022

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

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

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

Hydrologic Soil Group

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
Cl	Collins and Falaya silt loams, local alluvium phases	B	0.8	1.3%
Gk	Gullied land, Loring soil material		15.2	23.9%
Lm	Loring silty clay loam, severely eroded sloping phase	C	9.5	14.9%
Ln	Loring silty clay loam, severely eroded strongly sloping phase	C	7.4	11.5%
Ma	Memphis silt loam, 2 to 5 percent slopes, moderately eroded, northern phase	B	2.6	4.1%
Va	Vicksburg silt loam	C	28.2	44.3%
Totals for Area of Interest			**63.7**	**100.0%**

Description

Hydrologic soil groups are based on estimates of runoff potential. Soils are assigned to one of four groups according to the rate of water infiltration when the soils are not protected by vegetation, are thoroughly wet, and receive precipitation from long-duration storms.

The soils in the United States are assigned to four groups (A, B, C, and D) and three dual classes (A/D, B/D, and C/D). The groups are defined as follows:

Group A. Soils having a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission.

Group B. Soils having a moderate infiltration rate when thoroughly wet. These consist chiefly of moderately deep or deep, moderately well drained or well drained soils that have moderately fine texture to moderately coarse texture. These soils have a moderate rate of water transmission.

Group C. Soils having a slow infiltration rate when thoroughly wet. These consist chiefly of soils having a layer that impedes the downward movement of water or soils of moderately fine texture or fine texture. These soils have a slow rate of water transmission.

Group D. Soils having a very slow infiltration rate (high runoff potential) when thoroughly wet. These consist chiefly of clays that have a high shrink-swell potential, soils that have a high water table, soils that have a claypan or clay layer at or near the surface, and soils that are shallow over nearly impervious material. These soils have a very slow rate of water transmission.

If a soil is assigned to a dual hydrologic group (A/D, B/D, or C/D), the first letter is for drained areas and the second is for undrained areas. Only the soils that in their natural condition are in group D are assigned to dual classes.

Rating Options

Aggregation Method: Dominant Condition

Component Percent Cutoff: None Specified

Tie-break Rule: Higher

Prime Contractor Certification Form

PRIME CONTRACTOR CERTIFICATION

LARGE CONSTRUCTION GENERAL PERMIT

Coverage No. MSR10 __ __ __ __ County _____

(Fill in your Certificate of Coverage Number and County)

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

By completing and submitting this form to MDEQ, the prime contractor is certifying that (1) they have operational control over the erosion and sediment control specifications (including the ability to make modifications to such specifications) or (2) they have day-to-day operational control of those activities at the site necessary to ensure compliance with the SWPPP and applicable permit conditions.

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 permit. Notwithstanding any permit condition to the contrary, the coverage recipient and any person who causes pollution of waters of the state or places waste in a location where they are likely to cause pollution of any waters of the state shall remain responsible under applicable federal and state laws and regulations and applicable permits.

PRIME CONTRACTOR INFORMATION

PRIME CONTRACTOR CONTACT PERSON: _____PHONE NUMBER: (___)_____

PRIME CONTRACTOR COMPANY: _____

PRIME CONTRACTOR STREET (P.O. BOX): _____

PRIME CONTRACTOR CITY: _____ STATE: _____ ZIP: _____

E-MAIL ADDRESS: _____

OWNER INFORMATION

OWNER CONTACT PERSON: _____ PHONE NUMBER: (____)_____

OWNER COMPANY NAME: _____

PROJECT INFORMATION

PROJECT NAME: _____

DESCRIPTION OF CONSTRUCTION ACTIVITY: _____

_____

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

STREET: _____

CITY: _____ COUNTY: _____

I certify that I am the prime contractor for this project and will comply with all the requirements in the above referenced general NPDES permit. I further 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.

_____ _____

Prime Contractor Signature[1] **Date Signed**

_____ _____

Printed Name[1] **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.**

This Prime Contractors Certification form shall be submitted to:

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

Revised: 10/25/16

Site Inspection and Certification Form

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:** _____ **ZIP:** _____

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

EMAIL ADDRESS: _____

INSPECTION DOCUMENTATION

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

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

_____

_____

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

_____

_____

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

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

_____ _____
Authorized Signature Date

_____ _____
Printed Name Title

Major Modification Form

MAJOR MODIFICATION FORM
FOR LARGE CONSTRUCTION GENERAL PERMIT
Coverage No. MSR10 __ __ __ __ County _____

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

INSTRUCTIONS

Coverage recipients shall notify the Mississippi Department of Environmental Quality at least 30 days in advance of the following activities (check all that apply). This form should be submitted with a modified Storm Water Pollution Prevention Plan (SWPPP), updated USGS topographic map, Corps of Engineers Section 404 documentation and wastewater collection and treatment information, as appropriate.

☐ **SWPPP details have been developed and are ready for MDEQ review for subsequent phases of an existing, covered project.**

☐ **"Footprint" identified in the original LCNOI is proposed to be enlarged.**

This form must be signed by the current coverage recipient under Mississippi's Large Construction General Permit. A different developer of new phases of existing subdivisions must apply for separate permit coverage through the submittal of a new complete LCNOI package. Coverage recipients are authorized to discharge storm water associated with proposed expansions of existing subdivisions or subsequent phases, under the conditions of the General Permit, only upon receipt of written notification of approval by MDEQ. All other modifications, such as changes of erosion and sediment controls used, must be in accordance with ACT6, S-1 (6) and S-2 (7) of the General Permit.

ALL INFORMATION MUST BE COMPLETED (indicate "N/A" where not applicable)

COVERAGE RECIPIENT INFORMATION

COVERAGE RECIPIENT CONTACT NAME: _____ TEL # (_____) _____

COMPANY NAME: _____

STREET OR P.O. BOX: _____

CITY: _____ STATE: _____ ZIP: _____ E-MAIL: _____

PROJECT INFORMATION

PROJECT NAME: _____

CITY: _____

ADDITIONAL ACREAGE TO BE DISTURBED: _____ TOTAL PROJECT ACREAGE: _____

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 (must be signed by coverage recipient) Date

_____ _____
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: 12/12/16

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

Environmental Permits for Industrial Facilities
Request for Transfer of Permit, General Permit Coverage and/or Name Change

Instructions: For Ownership Change-Complete all Items on Page 1 (except Item VIII) and Page 2 (reverse side).
For Name Change Only-Complete Items I, II, V, VI, VII, VIII, and Page 2 (reverse side).
Note-This form should be submitted to MDEQ when a transferal date is finalized but prior to the actual transfer.

Item I.

Facility Name: _____

Location: (Do Not Use P.O. Box)

Street: _____

City: _____ State: MS Zip: _____

County: _____

Telephone: (_____)_____

Item II.

Responsible official after transfer or name change:

Name: _____

Title: _____

Mailing Address:
Street/P.O. Box: _____

City: _____ State: _____ Zip: _____

Telephone (_____)_____

Item III.

Previous Permittee[1]: _____

Mailing Address:

Street/P.O. Box:_____

City: _____ State: _____ Zip: _____

Telephone: (_____)_____

Item IV.

New Permittee[1]: _____

Mailing Address:

Street/P.O. Box:_____

City: _____ State: _____ Zip: _____

Telephone: (_____)_____

Item V.

Industrial Activity SIC Code: _____

Brief Description:

Item VI.

Will Facility Operations Change? Yes _____ No _____

If yes, the appropriate applications and permits may require modification prior to change.

Item VII.

Will Facility Name Change? Yes_____ No_____

If Yes, Provide New Name for Permit Coverage.

New Name:_____

Item VIII.

Signature for Name Change

Print Name: _____

Authorized Signature[2]: _____

Title: _____ Date: _____

Item IX.

We the undersigned request transfer of permit(s) and/or permit coverage(s) listed on the backside of this form.

From:_____

To:_____ Acquisition Date:_____

By signature below, the recipient certifies that: 1) they are aware of the requirements of the permit(s), 2) the applicant can demonstrate to the Permit Board it has the financial resources and operational expertise and 3) agrees to accept responsibility and liability for the permit(s) listed on the back of this document. By signature below, the previous permittee is requesting that the permit(s) and/or permit coverage(s) be transferred to the recipient. The transfer of the permit(s) or permit coverage(s) will be by written notification from the Office of Pollution Control (OPC). The OPC may require submittal of information regarding financial capability and past compliance history of the recipient.

_____ _____
Print New Permittee[1] Name Print Previous Permittee[1] Name

_____ _____
New Authorized Signature[2] Previous Authorized Signature[2]

_____ _____ _____ _____
Title Date Title Date

[1]A Permittee is a company or individual that has been issued an individual permit or coverage under a general permit.
[2]Authorized Signature must be owner or in the case of a corporation, a corporate officer as defined in Regulations 11 Miss. Admin. Code Pt. 2, Ch. 2. and 11 Miss. Admin. Code Pt. 6, Ch. 1.

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

Item X. Storm Water

(Check One)

☐ A Storm Water Pollution Prevention Plan (SWPPP) is not required for the site.

☐ The recipient certifies that they have received a copy of the Office of Pollution Control approved SWPPP from the original owner.

☐ The recipient is submitting a new SWPPP, which is attached to this form.

☐ A copy of the SWPPP cannot be obtained from the original owner.

Item XI. Hazardous Waste ID Number

EPA ID No. ______________________________

(Check One)

☐ An EPA Hazardous Waste ID Number is not required for the site.

☐ The site's EPA ID Number is listed above and a Notification of Regulated Waste Activity Form is attached.

Item XII. Permit(s) and/or Coverage(s) to be Transferred

Permit Type: ______________________________

Permit/Coverage No.: ______________________________

Permit Issuance Date: ______________________________

Date of General Permit Coverage: ________________

Permit Expiration Date: ________________________

Permit Type: ______________________________

Permit/Coverage No.: ______________________________

Permit Issuance Date: ______________________________

Date of General Permit Coverage: ________________

Permit Expiration Date: ________________________

Permit Type: ______________________________

Permit/Coverage No.: ______________________________

Permit Issuance Date: ______________________________

Date of General Permit Coverage: ________________

Permit Expiration Date: ________________________

Permit Type: ______________________________

Permit/Coverage No.: ______________________________

Permit Issuance Date: ______________________________

Date of General Permit Coverage: ________________

Permit Expiration Date: ________________________

Permit Type: ______________________________

Permit/Coverage No.: ______________________________

Permit Issuance Date: ______________________________

Date of General Permit Coverage: ________________

Permit Expiration Date: ________________________

Permit Type: ______________________________

Permit/Coverage No.: ______________________________

Permit Issuance Date: ______________________________

Date of General Permit Coverage: ________________

Permit Expiration Date: ________________________

Permit Type: ______________________________

Permit/Coverage No.: ______________________________

Permit Issuance Date: ______________________________

Date of General Permit Coverage: ________________

Permit Expiration Date: ________________________

OTHER INFORMATION:

Inspection Suspension Form

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 ACT9, 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: _____ STATE: _____ ZIP: _____

PHONE # (INCLUDE AREA CODE): _____ E-MAIL: _____

PROJECT INFORMATION

CONSTRUCTION STORM WATER GENERAL PERMIT COVERAGE NUMBER: MSR10 __ __ __ __

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: 12/10/2016

Request for Termination of Coverage

Request for Termination (RFT) of Coverage

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

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.

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:** _____

Coverage Recipient Company Name: _____

Street Address / P.O. Box: _____

City: _____ **State:** _____ **Zip:** _____

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

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

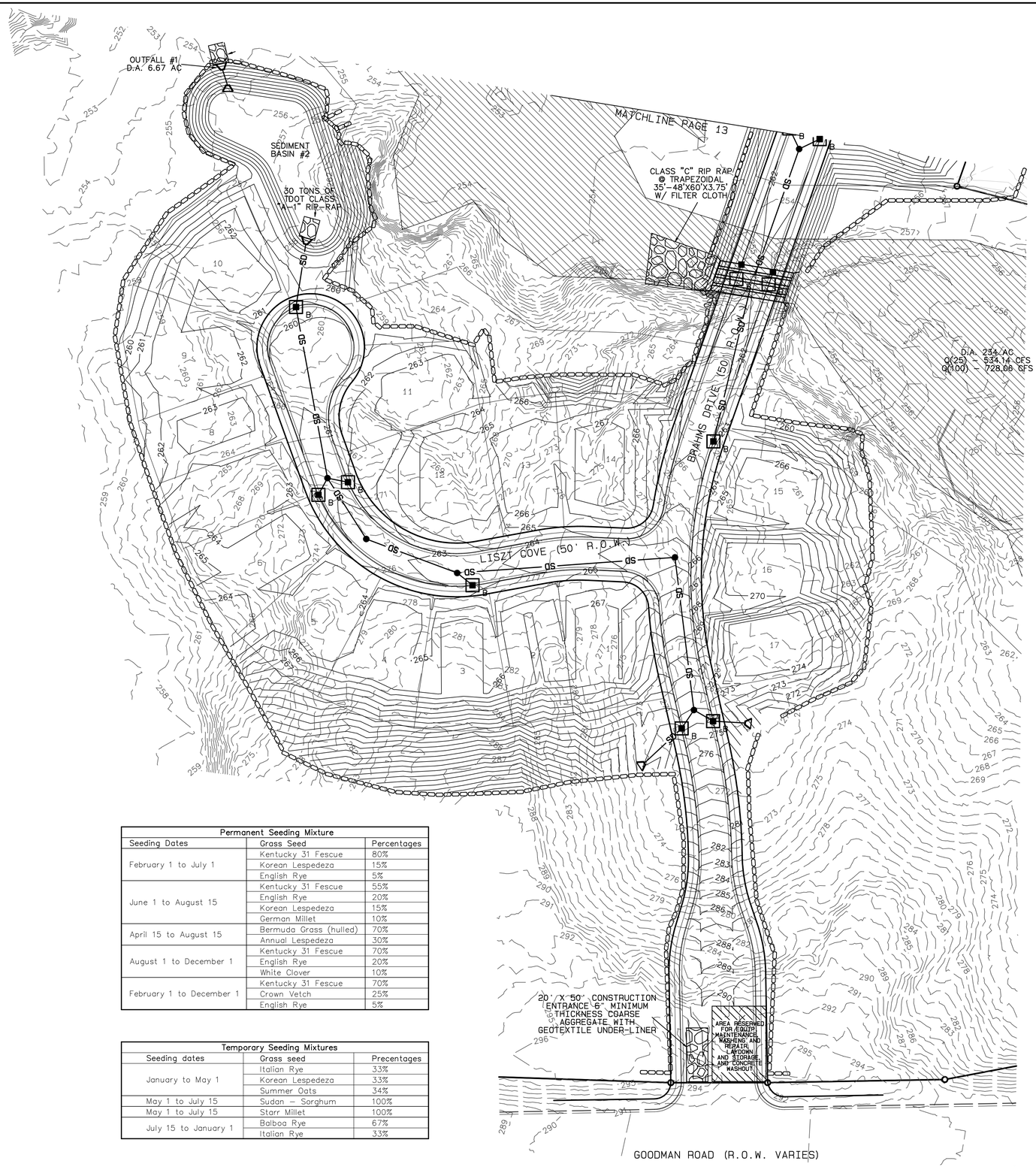
[1]This application shall be signed according to the General Permit, ACT11, T-7 as follows:

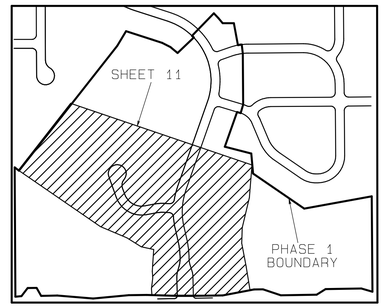
- For a corporation, by a responsible corporate officer.
- For a partnership, by a general partner.
- For a sole proprietorship, by the proprietor.
- For a municipal, state or other public facility, by principal executive officer, mayor, or ranking elected official.

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

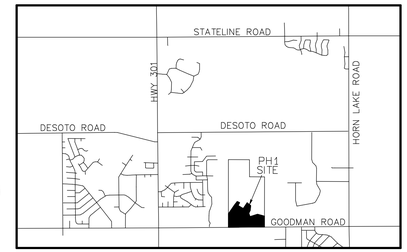
Revised: 12/01/16

EPSC Plans
Sage Creek Planned Unit Development Phase 1





PHASE KEY MAP
N.T.S.



VICINITY MAP
N.T.S.

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

Temporary Seeding Mixtures		
Seeding dates	Grass seed	Precentages
January to May 1	Italian Rye	33%
	Korean Lespedeza	33%
	Summer Oats	34%
May 1 to July 15	Sudan – Sorghum	100%
May 1 to July 15	Starr Millet	100%
July 15 to January 1	Balboa Rye	67%
	Italian Rye	33%

SEQUENCE OF CONSTRUCTION

1. INSTALL STABILIZED CONSTRUCTION ENTRANCE/EXIT
2. INSTALL PERIMETER SILT FENCE
3. ENSURE ALL APPLICABLE EPSC MEASURES ARE IN PLACE PRIOR TO BEGINNING EARTH MOVING
4. CLEAR AND STRIP SITE
5. PERFORM GRADING FOR LOTS AND PAVEMENTS.
6. CLEAR AND GRUB SITE, STABILIZING AND DENUDED AREA WHERE CONSTRUCTION WILL CEASE FOR MORE THAN 5 DAYS.
7. ALL APPLICABLE EPSC MEASURES SHALL BE IN PLACE PRIOR TO BEGINNING ANY EARTH MOVING OPERATIONS AND MUST BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD.
8. INSTALL INFRASTRUCTURE (I.E. SEWER, DRAINAGE, & UTILITIES)
9. IMPLEMENT INLET PROTECTION
10. CONSTRUCT ROADS
11. STABILIZE SITE WITH SEED (SOD SLOPES 3:1 OR GREATER)
12. APPLY/INSTALL FINAL SEEDING AND LANDSCAPING
13. STABILIZE ANY DENUDED AREAS (SOD ON SLOPES 3:1 AND GREATER, SEE SEEDING MIXTURES AND PLANTING DATES FOR OTHER AREAS)
14. PREPARE FOR FINAL SEEDING AND LANDSCAPING. (NOTE: TURF GRASS TO BE A BERMUDA GRASS OR EQUAL.)
15. LOT CLEAN-UP

NOTES:

AFTER ASPHALT IS POURED AND DISTURBED AREAS ARE SEEDED AND GRASS IS ESTABLISHED, REMOVE SILTATION BASIN AND CONSTRUCT DETENTION POND AS PER GRADING AND DRAINAGE PLAN PAGE 6.

INSTALL TEMPORARY EROSION CONTROL FABRIC AROUND DISTURBED AREAS AROUND TYPE "C" HEAD WALLS.

LINE TAIL DITCH WITH TEMPORARY EROSION CONTROL FABRIC.

INSPECT ERSOION CONTROL MEASURES AT LEAST TWICE A WEEK AND ALLOW A MINIMUM OF 72 HOURS TO ELAPSE BETWEEN INSPECTIONS DAILY CHECKING IS REQUIRED DURING PROLONGED RAINFALL. MAINTAIN A PERMANENT LOG OF CHECKS AND MAINTENANCE MEASURES.

SILT FENCE ALONG ALL ROAD FRONTAGES AT TIME OF ASPHALT BASE INSTALLATION

SOD ALL 3:1 SLOPES.

LEGEND

B GRAVEL INLET PROTECTION*

SILT FENCE

*USE DANDY BAG OR EQUIVALENT WHEN INLET IS CONSTRUCTED.

CALL BEFORE YOU DIG
1-800-351-1111

GRAPHIC SCALE 1"=50'
50 0 50 100 150

CONTRACTOR TO NOTIFY JON NEWTON, NEEL-SCHAFFER, 901-383-3589, TO SCHEDULE INSPECTIONS. PLEASE ALLOW A 48-HOUR NOTICE PRIOR.

SHEET 1 OF 2

REVISIONS		
ITEM No.	DESCRIPTION OF CHANGE	APPROVAL DATE

W. H. PORTER CONSULTANTS, PLLC
ENGINEERS, PLANNERS
SURVEYORS, CONSULTANTS
6055 PRIMACY PARKWAY, SUITE 115
MEMPHIS, TENNESSEE 38119
363-9454

SAGE CREEK PHASE 1
PFMT HOLDINGS, LLC

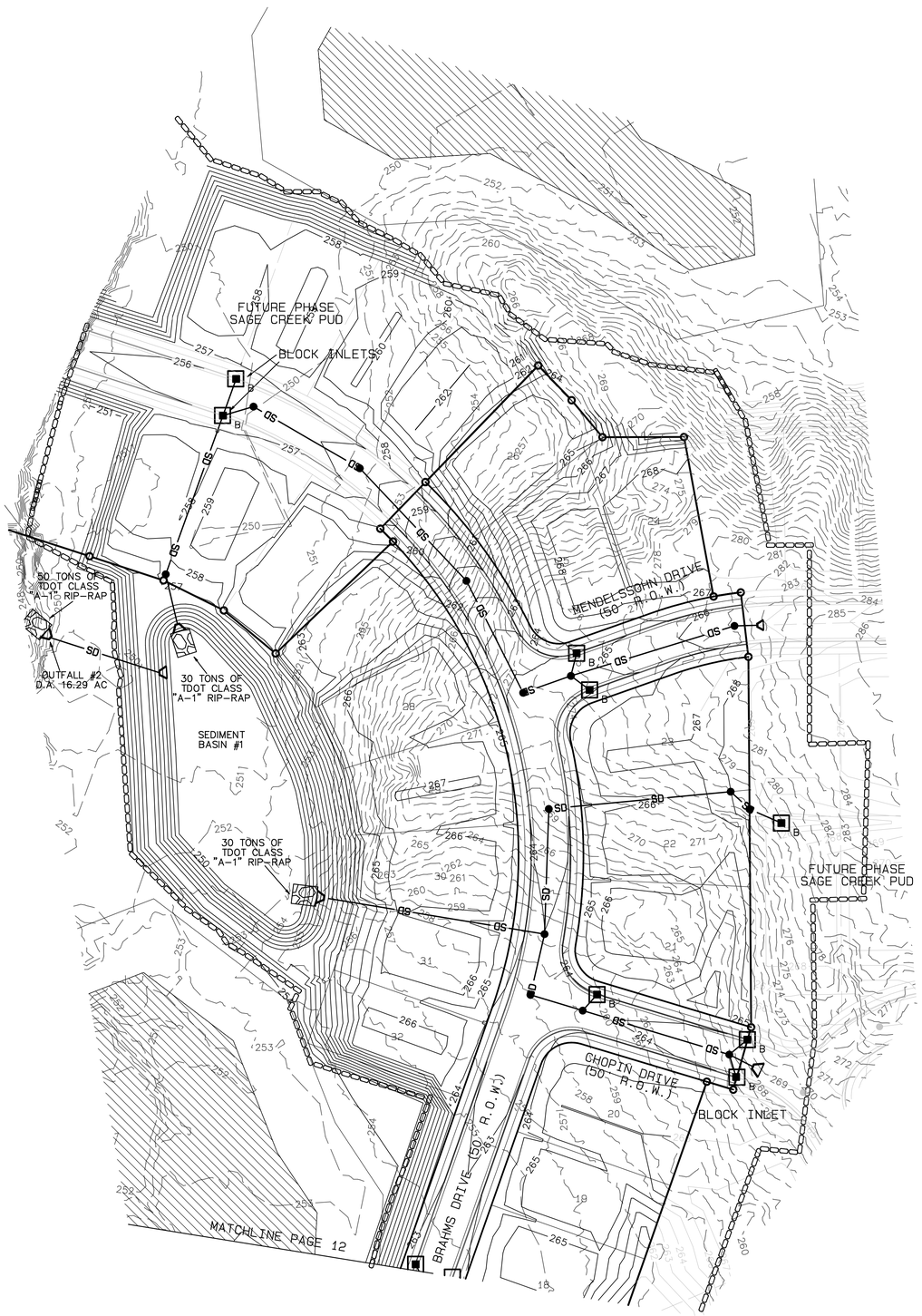
DIVISION OF ENGINEERING
EROSION CONTROL PLAN
HORN LAKE, MISSISSIPPI

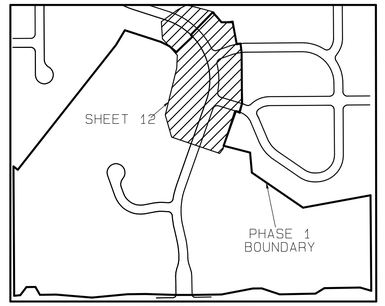
SURVEY: WHP DATE: 07/2022 BOOK:
DRAWN: WHP DATE: 03/2023 SCALE: 1"=50'
DESIGN: WHP DATE: 08/2022 PROJECT:
REVIEWED

DEPUTY CITY ENGINEER DATE CITY ENGINEER DATE

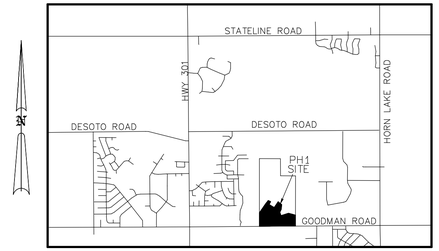
11

Fri Mar 03 14:04:24 2023
S:\TDD\PFMT - Sage Creek\SAGE CREEK Revised Layout.pro





PHASE KEY MAP
N.T.S.



VICINITY MAP
N.T.S.

SEQUENCE OF CONSTRUCTION

1. INSTALL STABILIZED CONSTRUCTION ENTRANCE/EXIT
2. INSTALL PERIMETER SILT FENCE
3. ENSURE ALL APPLICABLE EPSC MEASURES ARE IN PLACE PRIOR TO BEGINNING EARTH MOVING
4. CLEAR AND STRIP SITE
5. PERFORM GRADING FOR LOTS AND PAVEMENTS.
6. CLEAR AND GRUB SITE, STABILIZING AND DENUDED AREA WHERE CONSTRUCTION WILL CEASE FOR MORE THAN 5 DAYS.
7. ALL APPLICABLE EPSC MEASURES SHALL BE IN PLACE PRIOR TO BEGINNING ANY EARTH MOVING OPERATIONS AND MUST BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD.
8. INSTALL INFRASTRUCTURE (I.E. SEWER, DRAINAGE, & UTILITIES)
9. IMPLEMENT INLET PROTECTION
10. CONSTRUCT ROADS
11. STABILIZE SITE WITH SEED (SOD SLOPES 3:1 OR GREATER)
12. APPLY/INSTALL FINAL SEEDING AND LANDSCAPING
13. STABILIZE ANY DENUDED AREAS (SOD ON SLOPES 3:1 AND GREATER, SEE SEEDING MIXTURES AND PLANTING DATES FOR OTHER AREAS)
14. PREPARE FOR FINAL SEEDING AND LANDSCAPING. (NOTE: TURF GRASS TO BE A BERMUDA GRASS OR EQUAL.)
15. LOT CLEAN-UP

NOTES:

AFTER ASPHALT IS POURED AND DISTURBED AREAS ARE SEEDED AND GRASS IS ESTABLISHED, REMOVE SILTATION BASIN AND CONSTRUCT DETENTION POND AS PER GRADING AND DRAINAGE PLAN PAGE 6.

INSTALL TEMPORARY EROSION CONTROL FABRIC AROUND DISTURBED AREAS AROUND TYPE "C" HEAD WALLS.

LINE TAIL DITCH WITH TEMPORARY EROSION CONTROL FABRIC.

INSPECT ERSOION CONTROL MEASURES AT LEAST TWICE A WEEK AND ALLOW A MINIMUM OF 72 HOURS TO ELAPSE BETWEEN INSPECTIONS DAILY CHECKING IS REQUIRED DURING PROLONGED RAINFALL. MAINTAIN A PERMANENT LOG OF CHECKS AND MAINTENANCE MEASURES.

SILT FENCE ALONG ALL ROAD FRONTAGES AT TIME OF ASPHALT BASE INSTALLATION

SOD ALL 3:1 SLOPES.

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

Temporary Seeding Mixtures		
Seeding dates	Grass seed	Precentages
January to May 1	Italian Rye	33%
	Korean Lespedeza	33%
	Summer Oats	34%
May 1 to July 15	Sudan – Sorghum	100%
May 1 to July 15	Starr Millet	100%
July 15 to January 1	Balboa Rye	67%
	Italian Rye	33%

LEGEND

B GRAVEL INLET PROTECTION*

SILT FENCE

*USE DANDY BAG OR EQUIVALENT WHEN INLET IS CONSTRUCTED.

GRAPHIC SCALE 1"=50'
50 0 50 100 150

CONTRACTOR TO NOTIFY JON NEWTON, NEEL-SCHAFFER, 901-383-3589, TO SCHEDULE INSPECTIONS. PLEASE ALLOW A 48-HOUR NOTICE PRIOR.

SHEET 2 OF 2

CALL BEFORE YOU DIG
1-800-351-1111

REVISIONS		
ITEM No.	DESCRIPTION OF CHANGE	APPROVAL DATE

W. H. PORTER CONSULTANTS, PLLC
ENGINEERS, PLANNERS
SURVEYORS, CONSULTANTS
6055 PRIMACY PARKWAY, SUITE 115
MEMPHIS, TENNESSEE 38119
363-9404

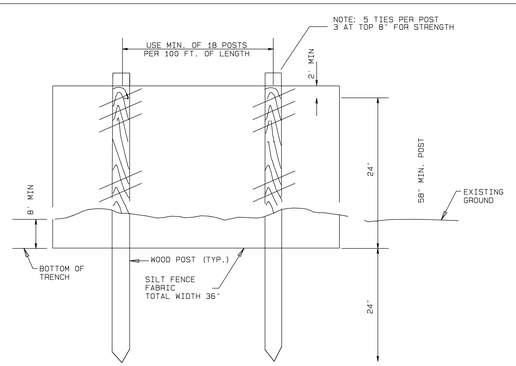
SAGE CREEK PHASE 1
PFMT HOLDINGS, LLC

DIVISION OF ENGINEERING
EROSION CONTROL PLAN
HORN LAKE, MISSISSIPPI

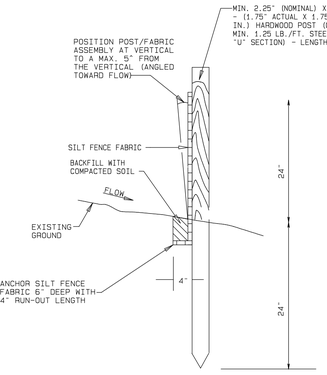
SURVEY: WHP DATE: 07/2022 BOOK:
DRAWN: WHP DATE: 03/2023 SCALE: 1"=50'
DESIGN: WHP DATE: 08/2022 PROJECT:
REVIEWED

DEPUTY CITY ENGINEER DATE CITY ENGINEER DATE

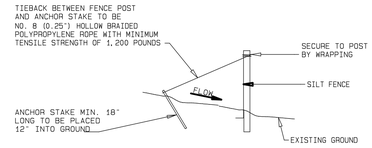
12



ELEVATION VIEW

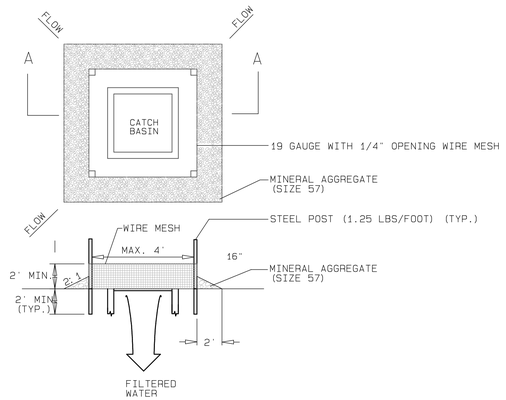


SECTIONAL VIEW



SILT FENCE TIEBACK
FOR STEEL POSTS OR WOOD POSTS

(WHEN REQUIRED BY THE ENGINEER OR NOTED IN THE PLANS. COST TO BE INCLUDED IN THE ITEMS FOR SILT FENCE)

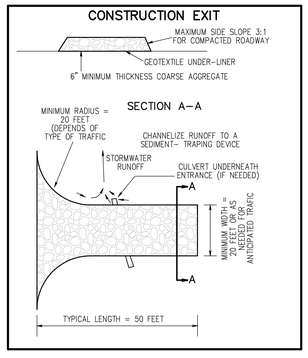


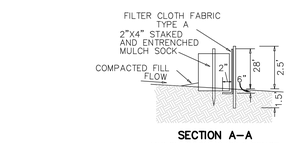
SECTION A-A

INLET PROTECTION

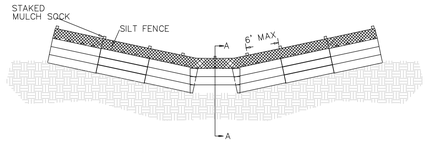
NOTES:

BRICK CONSTRUCTION OF ANY STRUCTURE IS PROHIBITED



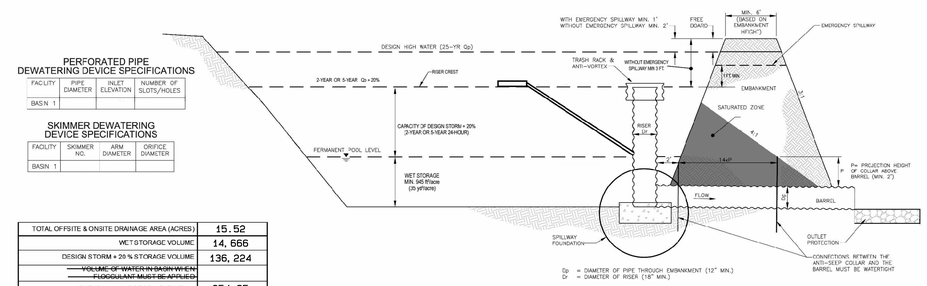


SECTION A-A
MULCH SOCK W/SILT FENCE
(N.T.S.)



MULCH SOCK/SILT FENCE SEDIMENT BARRIER DETAIL

SEDIMENT BASIN #1



Dp = DIAMETER OF PIPE THROUGH EMBANKMENT (12" MIN.)
Dr = DIAMETER OF RISER (18" MIN.)

PERFORATED PIPE DEWATERING DEVICE SPECIFICATIONS

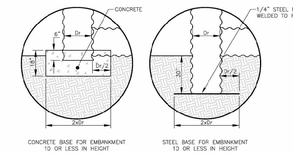
FACILITY	PIPE DIAMETER	INLET ELEVATION	NUMBER OF SLOTS/HOLES
BASIN 1			

SKIMMER DEWATERING DEVICE SPECIFICATIONS

FACILITY	SKIMMER NO.	ARM DIAMETER	ORIFICE DIAMETER
BASIN 1			

TOTAL OFFSITE & ONSITE DRAINAGE AREA (ACRES)	15.52
WET STORAGE VOLUME	14,666
DESIGN STORM + 20 % STORAGE VOLUME	136,224
~~VOLUME OF WATER IN BASIN WHEN FLOCCULANT MUST BE APPLIED~~	
25-YEAR, 24-HOUR STORM ELEVATION	254.85
PERMANENT POOL LEVEL / WET STORAGE ELEVATION	247.00
DESIGN STORM + 20 % STORAGE ELEVATION	254.20
BOTTOM OF BASIN ELEVATION	245.00
PRINCIPAL SPILLWAY ELEVATION	255.25
OUTFALL PIPE DISCHARGE ELEVATION	250.00
ELEVATION OF THE RECEIVING MEDIUM DOWNSTREAM OF THE OUTFALL	249.00
EMERGENCY SPILLWAY ELEVATION	255.25
DESIGN STORM ABOVE WHICH THE BASIN WILL DISCHARGE VIA THE EMERGENCY SPILLWAY	50 YR
EMERGENCY SPILLWAY SIDESLOPE	3: 1
EMERGENCY SPILLWAY WIDTH	20
TOP OF EMBANKMENT ELEVATION	256.00
FLOCCULATE AND DEWATER ELEVATION	254.20

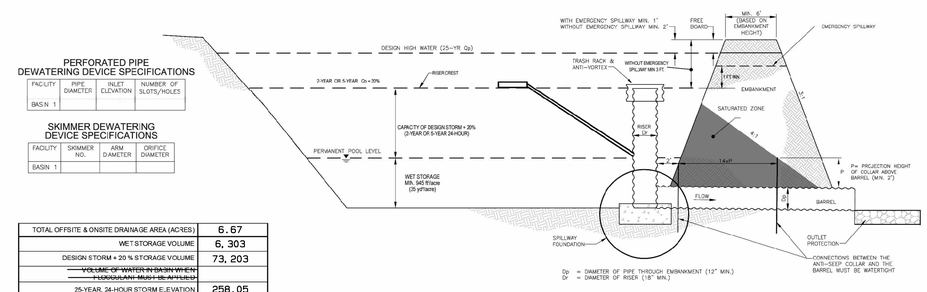
SPILLWAY FOUNDATIONS
FOR RISER HEIGHTS <10'



CONCRETE BASE FOR EMBANKMENT
10 OR LESS IN HEIGHT

STEEL BASE FOR EMBANKMENT
10 OR LESS IN HEIGHT

SEDIMENT BASIN #2



Dp = DIAMETER OF PIPE THROUGH EMBANKMENT (12" MIN.)
Dr = DIAMETER OF RISER (18" MIN.)

PERFORATED PIPE DEWATERING DEVICE SPECIFICATIONS

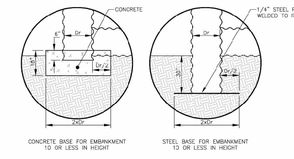
FACILITY	PIPE DIAMETER	INLET ELEVATION	NUMBER OF SLOTS/HOLES
BASIN 1			

SKIMMER DEWATERING DEVICE SPECIFICATIONS

FACILITY	SKIMMER NO.	ARM DIAMETER	ORIFICE DIAMETER
BASIN 1			

TOTAL OFFSITE & ONSITE DRAINAGE AREA (ACRES)	6.67
WET STORAGE VOLUME	6,303
DESIGN STORM + 20 % STORAGE VOLUME	73,203
~~VOLUME OF WATER IN BASIN WHEN FLOCCULANT MUST BE APPLIED~~	
25-YEAR, 24-HOUR STORM ELEVATION	258.05
PERMANENT POOL LEVEL / WET STORAGE ELEVATION	249.00
DESIGN STORM + 20 % STORAGE ELEVATION	257.80
BOTTOM OF BASIN ELEVATION	248.00
PRINCIPAL SPILLWAY ELEVATION	258.00
OUTFALL PIPE DISCHARGE ELEVATION	254.00
ELEVATION OF THE RECEIVING MEDIUM DOWNSTREAM OF THE OUTFALL	253.00
EMERGENCY SPILLWAY ELEVATION	258.00
DESIGN STORM ABOVE WHICH THE BASIN WILL DISCHARGE VIA THE EMERGENCY SPILLWAY	25 YR
EMERGENCY SPILLWAY SIDESLOPE	3: 1
EMERGENCY SPILLWAY WIDTH	20
TOP OF EMBANKMENT ELEVATION	259.00
FLOCCULATE AND DEWATER ELEVATION	257.80

SPILLWAY FOUNDATIONS
FOR RISER HEIGHTS <10'



CONCRETE BASE FOR EMBANKMENT
10 OR LESS IN HEIGHT

STEEL BASE FOR EMBANKMENT
10 OR LESS IN HEIGHT

CALL BEFORE YOU DIG

1-800-351-1111

CONTRACTOR TO NOTIFY JON NEWTON, NEEL-SCHAFFER, 901-383-3589, TO SCHEDULE INSPECTIONS. PLEASE ALLOW A 48-HOUR NOTICE PRIOR.

SHEET 1 OF 1

REVISIONS		
ITEM No.	DESCRIPTION OF CHANGE	APPROVAL DATE

W. H. PORTER CONSULTANTS, PLLC
ENGINEERS, PLANNERS
SURVEYORS, CONSULTANTS
6055 PRIMACY PARKWAY, SUITE 115
MEMPHIS, TENNESSEE 38119
363-9404

SAGE CREEK PHASE 1
PFMT HOLDINGS, LLC

DIVISION OF ENGINEERING

EROSION CONTROL DETAILS

HORN LAKE, MISSISSIPPI

SURVEY: WHP DATE: 07/2022 BOOK:
DRAWN: WHP DATE: 03/2023 SCALE: N.T.S.
DESIGN: WHP DATE: 08/2022 PROJECT:
REVIEWED

DEPUTY CITY ENGINEER DATE CITY ENGINEER DATE

Fri Mar 03 13:48:05 2023

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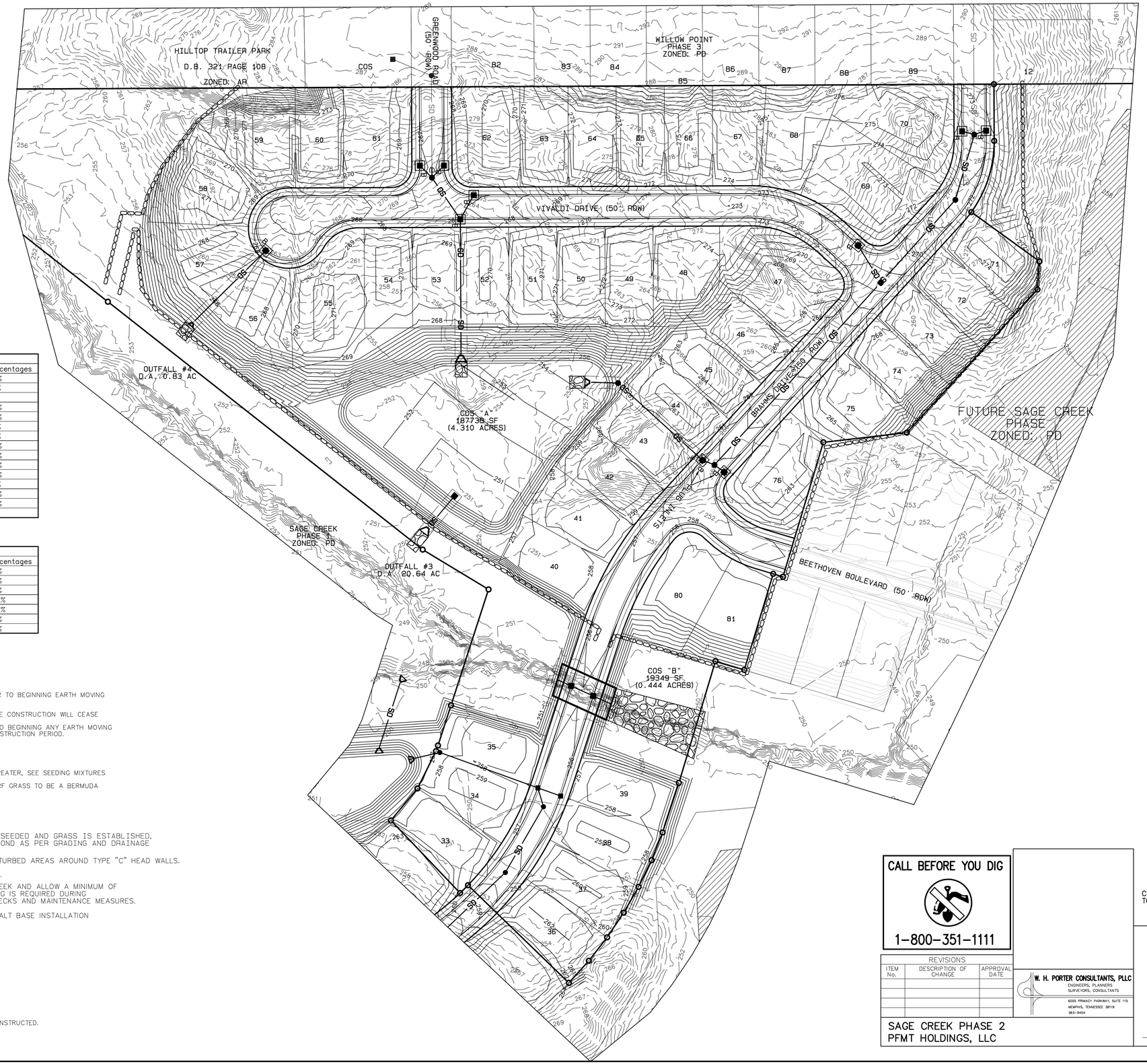
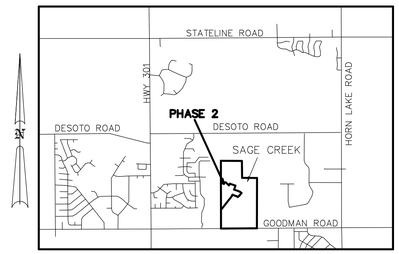
EPSC Plans
Sage Creek Planned Unit Development Phase 2





VICINITY MAP
NOT TO SCALE

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

Temporary Seeding Mixtures		
Seeding dates	Grass seed	Precentages
January to May 1	Italian Rye	33%
	Korean Lespedeza	33%
	Summer Oats	34%
May 1 to July 15	Sudan – Sorghum	100%
May 1 to July 15	Starr Millet	100%
July 15 to January 1	Balboa Rye	67%
	Italian Rye	33%

SEQUENCE OF CONSTRUCTION

1. INSTALL STABILIZED CONSTRUCTION ENTRANCE/EXIT
2. INSTALL PERIMETER SILT FENCE
3. ENSURE ALL APPLICABLE EPSC MEASURES ARE IN PLACE PRIOR TO BEGINNING EARTH MOVING
4. CLEAR AND STRIP SITE
5. PERFORM GRADING FOR LOTS AND PAVEMENTS.
6. CLEAR AND GRUB SITE, STABILIZING AND DENUDED AREA WHERE CONSTRUCTION WILL CEASE FOR MORE THAN 5 DAYS.
7. ALL APPLICABLE EPSC MEASURES SHALL BE IN PLACE PRIOR TO BEGINNING ANY EARTH MOVING OPERATIONS AND MUST BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD.
8. INSTALL INFRASTRUCTURE (I.E. SEWER, DRAINAGE, & UTILITIES)
9. IMPLEMENT INLET PROTECTION
10. CONSTRUCT ROADS
11. STABILIZE SITE WITH SEED (SOD SLOPES 3:1 OR GREATER)
12. APPLY/INSTALL FINAL SEEDING AND LANDSCAPING
13. STABILIZE ANY DENUDED AREAS (SOD ON SLOPES 3:1 AND GREATER, SEE SEEDING MIXTURES AND PLANTING DATES FOR OTHER AREAS)
14. PREPARE FOR FINAL SEEDING AND LANDSCAPING. (NOTE: TURF GRASS TO BE A BERMUDA GRASS OR EQUAL.)
15. LOT CLEAN–UP

NOTES:

AFTER ASPHALT IS POURED AND DISTURBED AREAS ARE SEEDED AND GRASS IS ESTABLISHED, REMOVE SILTATION BASIN AND CONSTRUCT DETENTION POND AS PER GRADING AND DRAINAGE PLAN PAGE 6.

INSTALL TEMPORARY EROSION CONTROL FABRIC AROUND DISTURBED AREAS AROUND TYPE "C" HEAD WALLS.

LINE TAIL DITCH WITH TEMPORARY EROSION CONTROL FABRIC.

INSPECT ERSOION CONTROL MEASURES AT LEAST TWICE A WEEK AND ALLOW A MINIMUM OF 72 HOURS TO ELAPSE BETWEEN INSPECTIONS DAILY CHECKING IS REQUIRED DURING PROLONGED RAINFALL. MAINTAIN A PERMANENT LOG OF CHECKS AND MAINTENANCE MEASURES.

SILT FENCE ALONG ALL ROAD FRONTAGES AT TIME OF ASPHALT BASE INSTALLATION

SOD ALL 3:1 SLOPES.

LEGEND

GRAVEL INLET PROTECTION*

SILT FENCE

*USE DANDY BAG OR EQUIVALENT WHEN INLET IS CONSTRUCTED.

GRAPHIC SCALE 1"=50'

50 0 50 100 150

CONTRACTOR TO NOTIFY JON NEWTON, NEEL–SCHAFFER, 901–383–3589, TO SCHEDULE INSPECTIONS. PLEASE ALLOW A 48–HOUR NOTICE PRIOR.

SHEET 1 OF 2

CALL BEFORE YOU DIG
1–800–351–1111

REVISIONS		
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W. H. PORTER CONSULTANTS, PLLC
ENGINEERS, PLANNERS
SURVEYORS, CONSULTANTS
6055 PRIMACY PARKWAY, SUITE 115
MEMPHIS, TENNESSEE 38119
363–9454

SAGE CREEK PHASE 2
PFMT HOLDINGS, LLC

DIVISION OF ENGINEERING

EROSION CONTROL PLAN

HORN LAKE, MISSISSIPPI

SURVEY: WHP DATE: 07/2022 BOOK:
DRAWN: WHP DATE: 03/2023 SCALE: 1"=60'
DESIGN: WHP DATE: 08/2022 PROJECT:
REVIEWED

DEPUTY CITY ENGINEER DATE CITY ENGINEER DATE

7

Fri Mar 03 13:53:24 2023

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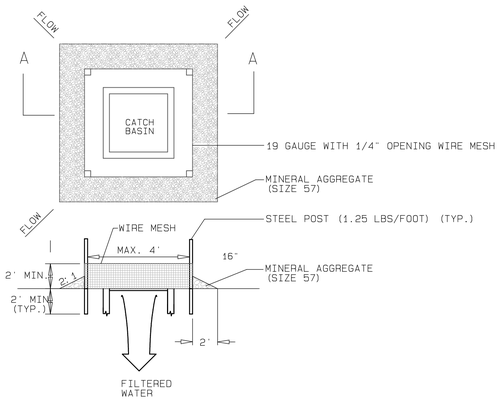


SECTION A-A

INLET PROTECTION

SEDIMENT BASIN #3

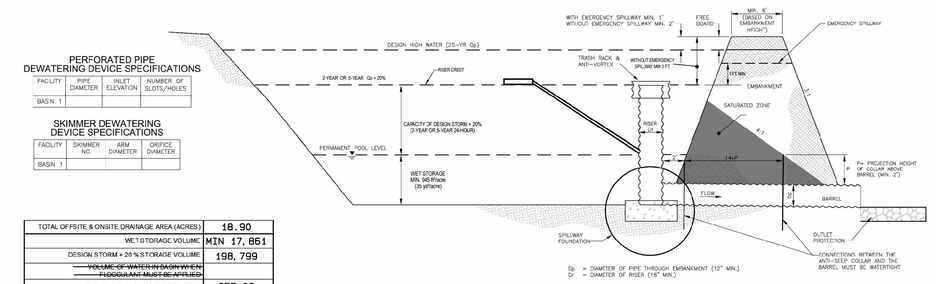
PERFORATED PIPE DEWATERING DEVICE SPECIFICATIONS

FACILITY	PIPE DIAMETER	INLET ELEVATION	NUMBER OF SLOTS/HOLES
BASIN 1			

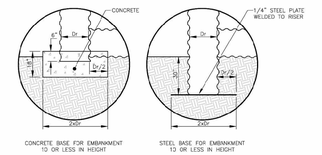
SKIMMER DEWATERING DEVICE SPECIFICATIONS

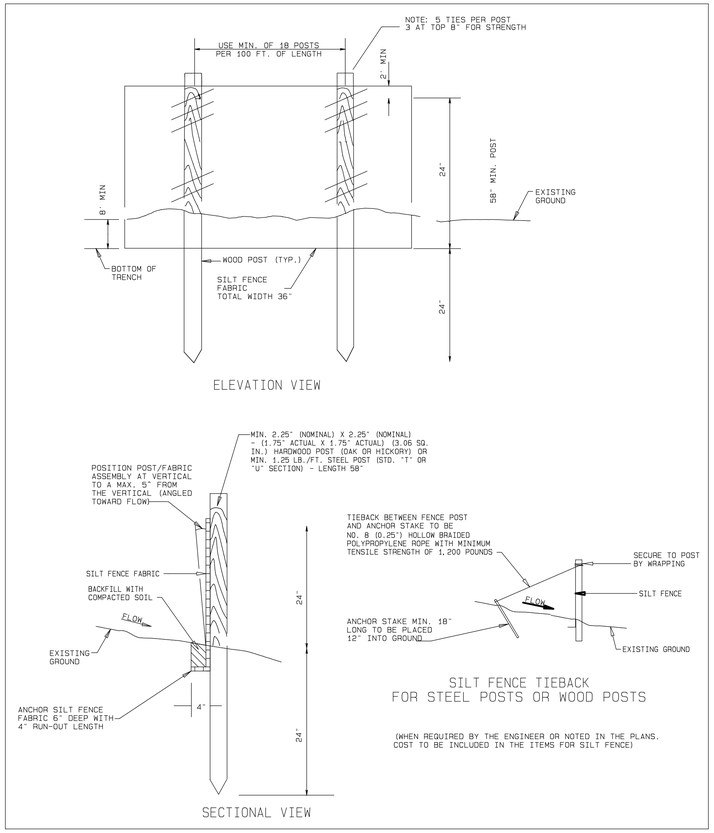
FACILITY	SKIMMER NO.	ARM DIAMETER	ORIFICE DIAMETER
BASIN 1			

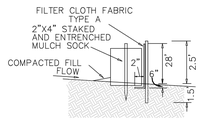
TOTAL OFFSITE & ONSITE DRAINAGE AREA (ACRES)	18.90
WET STORAGE VOLUME	MIN 17,861
DESIGN STORM + 20 % STORAGE VOLUME	198,799
~~VOLUME OF WATER IN BASIN W/ EN-~~ ~~FLOCULANT MUST BE APPLIED~~	
25-YEAR, 24-HOUR STORM ELEVATION	257.02
PERMANENT POOL LEVEL / WET STORAGE ELEVATION	250.50
DESIGN STORM + 20 % STORAGE ELEVATION	256.50
BOTTOM OF BASIN ELEVATION	247.00
PRINCIPAL SPILLWAY ELEVATION	257.50
OUTFALL PIPE DISCHARGE ELEVATION	250.50
ELEVATION OF THE RECEIVING MEDIUM DOWNSTREAM OF THE OUTFALL	250.00
EMERGENCY SPILLWAY ELEVATION	257.50
DESIGN STORM ABOVE WHICH THE BASIN WILL DISCHARGE VIA THE EMERGENCY SPILLWAY	25 YR
EMERGENCY SPILLWAY SIDESLOPE	3: 1
EMERGENCY SPILLWAY WIDTH	20
TOP OF EMBANKMENT ELEVATION	258.00
FLOCCULATE AND DEWATER ELEVATION	256.50



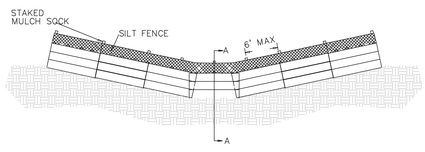
SPILLWAY FOUNDATIONS FOR RISER HEIGHTS <10'





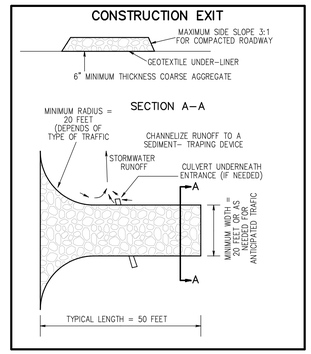


SECTION A-A
MULCH SOCK W/SILT FENCE
(N.T.S.)



MULCH SOCK/SILT FENCE SEDIMENT BARRIER DETAIL

CONSTRUCTION EXIT



CALL BEFORE YOU DIG

1-800-351-1111

CONTRACTOR TO NOTIFY JON NEWTON, NEEL-SCHAFFER, 901-383-3589, TO SCHEDULE INSPECTIONS. PLEASE ALLOW A 48-HOUR NOTICE PRIOR.

SHEET 2 OF 2

REVISIONS		
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SURVEYORS, CONSULTANTS
6055 PRIMACY PARKWAY, SUITE 115
MEMPHIS, TENNESSEE 38119
363-9454

SAGE CREEK PHASE 2
PFMT HOLDINGS, LLC

DIVISION OF ENGINEERING

EROSION CONTROL PLAN

HORN LAKE, MISSISSIPPI

SURVEY: WHP DATE: 07/2022 BOOK:
DRAWN: WHP DATE: 03/2023 SCALE: 1"=60'
DESIGN: WHP DATE: 08/2022 PROJECT:
REVIEWED

DEPUTY CITY ENGINEER DATE CITY ENGINEER DATE

B

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