AI 36518

MSR120043

Rec'd via email:
10/23/2026

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)

OC

MSR120043

(NUMBER TO BE ASSIGNED BY STATE)

APPLICANT IS THE: ☑ OWNER ☐ PRIME CONTRACTOR

OWNER CONTACT INFORMATION

OWNER CONTACT PERSON: Jesse Alvarez, Member

OWNER COMPANY LEGAL NAME: MMT Holdings, LLC

OWNER STREET OR P.O. BOX: P. O. Box 7882

OWNER CITY: D'iberville **STATE:** MS **ZIP:** 39540

OWNER PHONE #: (850) 368-0099 **OWNER EMAIL:** mrjalvarez428@gmail.com

PREPARER CONTACT INFORMATION

IF NOI WAS PREPARED BY SOMEONE OTHER THAN THE APPLICANT

CONTACT PERSON: Dennis Stieffel (Agent)

COMPANY LEGAL NAME: Dennis Stieffel & Associates, Inc.

STREET OR P.O. BOX: 13061 Shriners Blvd., Suite D

CITY: Biloxi **STATE:** MS **ZIP:** 39532

PHONE # ( ) 228-860-8161 **EMAIL:** dennis@dsaeng.net

PRIME CONTRACTOR CONTACT INFORMATION

PRIME CONTRACTOR CONTACT PERSON: TBD

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: Wildflower Ridge Subdivision (168 lots)

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: Jim Ramsay Rd

CITY: Vancleave STATE: MS COUNTY: Jackson ZIP: 39565

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

LATITUDE: 30 **degrees** 30 **minutes** 38 **seconds** **LONGITUDE:** 88 **degrees** 50 **minutes** 21 **seconds**

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

TOTAL ACREAGE THAT WILL BE DISTURBED [1]: 52 acres (Ph1: 34 ac; Ph2 18 ac)

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

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

ESTIMATED CONSTRUCTION PROJECT START DATE: 2026-10-01 (YYYY-MM-DD)

ESTIMATED CONSTRUCTION PROJECT END DATE: 2029-10-01 (YYYY-MM-DD)

DESCRIPTION OF CONSTRUCTION ACTIVITY: Single-family residential subdivision (168 lots)

PROPOSED DESCRIPTION OF PROPERTY USE AFTER CONSTRUCTION HAS BEEN COMPLETED:
Single-family residential subdivision (168 lots)

SIC Code: 6552 **NAICS Code** 237110

NEAREST NAMED RECEIVING STREAM: Perigal 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 ☐
Note: Alternatively, 10' buffer with double silt fencing to be utilized where space is limited.

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: COE Wetlands 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.

Jesse Alvarez

Signature of Applicant[1] (owner or prime contractor)

7/11/2026

Date Signed

Jesse Alvarez

Printed Name[1]

Member

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

PRIME CONTRACTOR CERTIFICATION

LARGE CONSTRUCTION GENERAL PERMIT

Coverage No. MSR10 __ __ __ __ County Jackson

(Fill in your Certificate of Coverage Number and County)

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: TBD **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: Wildflower Ridge Subdivision (168 lots)

DESCRIPTION OF CONSTRUCTION ACTIVITY: Single-family residential subdivision (168 lots)

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: Jim Ramsay Rd

CITY: Vancleave **COUNTY:** Jackson

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**

Jesse Alvarez Member

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

Keep a Copy at the Construction Site and Also Submit this Page to:
Chief, Environmental Permits Division
MS Department of Environmental Quality, Office of Pollution Control
P.O. Box 2261
Jackson, Mississippi 39225-2261

Registration Form for Residential Lot Coverage
under Mississippi's Large Construction Storm Water General Permit
INSTRUCTIONS

Coverage recipients for residential subdivision construction that do not retain responsibility for permit compliance for individual lots are to furnish this Registration to buyers of individual lots at the time of purchase. In addition, the attached Requirements for Individual Lots in Residential Subdivisions, the Site Inspection and Certification Form and the Large Construction Storm Water General Permit shall also be given to buyers of individual lots at the time of purchase. This form is providing notification to buyers of lots in residential developments, that being part of a "larger common plan of development or sale," coverage is required under Mississippi's Large Construction Storm Water General Permit. To comply with the permit, **the Registration Form must be submitted to MDEQ** at the address listed above and a Storm Water Pollution Prevention Plan (SWPPP) must be developed and implemented to reduce pollutants in storm water discharges during construction activity. **The SWPPP is not required to be submitted to MDEQ**. A copy of the SWPPP and Registration Form must be kept at the construction site or locally available (i.e., able to be produced within an hour of being requested by a state or local inspector). See the following attachments for information on SWPPP development. In addition, **a copy of the completed Registration Form(s) must be retained by the developer and submitted to the MDEQ when requesting termination of permit coverage**. If the buyer or homebuilder sells the lot before a house is built, they must provide this form to the new owner. All questions must be answered. Answer "NA" if the question is not applicable. For further information, contact MDEQ at 601/961-5171 or access our website address: www.deq.state.ms.us/MDEQ.nsf/page/epd_epdgeneral.

ORGINAL COVERAGE RECIPIENT NAME: _____

COMPANY NAME: _____

STREET OR P.O. BOX: _____

CITY: **STATE:** **ZIP:** _____

PHONE # (INCLUDE AREA CODE): _____

BUYER / HOMEBUILDER: _____

COMPANY NAME (IF APPROPRIATE): _____

STREET OR P.O. BOX: _____

CITY: **STATE:** **ZIP:** _____

BUYER PHONE # (INCLUDE AREA CODE): _____

RESIDENTIAL SUBDIVISON NAME: _____

LARGE CONSTRUCTION STORM WATER PERMIT COVERAGE NUMBER: MSR10: ___ ___ ___ ___ 368-0099

LOT NUMBER(s) (attach an additional sheet if necessary): _____ **LOT SIZE(s):** _____

PHYSICAL SITE ADDRESS (IF NOT AVAILABLE INDICATE THE NEAREST NAMED ROAD):

STREET: _____

CITY: _____ **COUNTY:** _____ **ZIP:** _____

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 persons 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. As a buyer / homebuilder, I further certify that I have read and understand the terms and conditions of Mississippi's Large Construction Storm Water General Permit and that I am responsible for installing and maintaining the appropriate pollution control measures for the purchased lot(s) identified.

_____ 2026-10-01
Original Coverage Recipient Signature[1] **Date Signed**

_____ 7/11/2026
Printed Name **Title**

_____ _____
Buyer / Homebuilder Signature[1] **Date Signed**

_____ _____
Printed Name **Title**

[1]**This application shall be signed according to ACT11, T-7 of the Large Construction General Permit.**

Revised: 12/12/16

REQUIREMENTS FOR LOTS IN RESIDENTIAL SUBDIVISION WHICH ARE COVERED BY THE LARGE CONSTRUCTION STORM WATER GENERAL PERMIT

As a homebuilder on a lot that is part of a regulated subdivision, you are also regulated under the State's storm water regulations and are required to take steps to keep soil and sediment from leaving the lot. When rain falls on exposed soil it can wash away valuable topsoil. It also carries sediment, nutrients and other pollutants into streets, gutters and ditches, where it then travels to lakes, rivers, streams or wetlands. Polluted runoff can cause excessive growth of aquatic weeds and algae and reduce recreational opportunities such as swimming and fishing. Sediment laden runoff can also destroy fish habitat reducing productive fishing opportunities. In addition, sediment-laden runoff can also clog pipes, ditches, streams and basins resulting in increased flooding and maintenance cost. Therefore, the homebuilder is required to minimize off-site damage from soil erosion, sediment leaving the construction site, and poor "housekeeping" practices. This requirement must be accomplished by developing and implementing a Storm Water Pollution Prevention Plan (SWPPP). Some examples of individual lot SWPPPs are attached for your convenience. Sketch the controls on a copy of your site plan. Narrative notes on the site plan may also be used in addition to the erosion control symbols.

In developing and implementing the SWPPP, controls must be used from each control group (vegetative, structural, housekeeping) to prevent erosion and sediment and other pollutants from leaving the site. Commonly used controls include:

Vegetative Controls

Temporary vegetation includes annual grasses that sprout quickly such as annual rye, browntop millet, oats, and winter wheat. These grow quickly with little care and can protect the soil from rainfall and act as a filter. They will not provide permanent cover. Permanent cover must be established as indicated below. When a disturbed area will be left undisturbed for fourteen (14) days or more, the appropriate temporary or permanent vegetative practices shall be implemented immediately.

Mulching is the placement of hay grass, woodchips, straw, or synthetic material on the soil to provide temporary cover to protect the soil from rain. Mulching may be the only option during the winter when seeding or sodding is not possible. Mulch must stay in place to be effective. Netting, stakes or chemical binders are used to anchor some types of mulch. Be sure to reinstall washed-out mulch and anchor if necessary until permanent cover is established.

Permanent stabilization is the establishment of a permanent vegetative cover on disturbed areas using either sod, perennial seed, trees or shrubs. When a disturbed area will be left undisturbed for fourteen (14) days or more, the appropriate temporary or permanent vegetative practices shall be implemented immediately. Silt fences, and other temporary measures must be removed following permanent stabilization.

Vegetative buffer zones are undisturbed or planted vegetated areas that are between construction activities and water bodies.

Structural Controls

Silt fences are temporary sediment barriers made of filter fabric buried at the bottom, stretched, and supported by stakes. The silt fence slows runoff and allows it to puddle or pond, so soil and sediment can settle out before leaving the site. The bottom eight to twelve inches of fence must either be sliced in or buried in a trench about four to six inches deep by four to six inches wide. **Silt fences that are not buried are improperly installed. They have no useful function, are a waste of money, and may result in enforcement action**. Stakes must be on the downstream side of the fence and spaced about 3 feet apart. Silt fence must not be installed across streams, ditches, waterways, or other concentrated flow areas. Place fences on the contour or perpendicular to the slope of the hill so that water and sediment will pond behind the fence. **Turn ends uphill** to prevent water going around the end. Install on the downslope, downhill, downstream, or low side of your lot. Keep the fence/barrier in place until grass is established.

Slope drains are piping or lined channels that carry storm water downslope without erosion. A good example would be a downspout extender. Extenders may be used to protect temporarily stabilized areas from roof runoff. Extenders can direct water from roof gutters to paved or grassed areas. Remove extenders following permanent stabilization.

Construction entrance/exits are stone stabilized site entrances which reduce sediment tracked onto public roads. Apply gravel or crushed rock to the driveway area and restrict traffic to this one route. Use 3 to 6 inch gravel over a geotextile fabric. At the end of each day sweep or scrape up any soil tracked onto the street. Limit "standard" vehicle access (including workers' vehicles) to only streets and roads, keep vehicles off of future yard areas; limit tracking of mud onto streets by requiring any required vehicles to use designated access drives. Streets are conduits for storm water, it is important to keep mud and sediment off the streets.

Stockpiles of sand or soil should be covered with plastic or tarps at the end of each workday, or surrounded with silt fence or haybales. Do not locate a stockpile near a street, storm drain inlet, or ditch.

Erosion control blankets or mats are machine-produced mats of straw or other fibers held together with netting that provide temporary or permanent stabilization in critical areas, such as slopes or channels, so that vegetation may be established.

Storm Drain Inlets on the lot must be protected by surrounding or covering with a filter material until final stabilization has been achieved.

Additional Controls: The above controls are the more common practices used at small construction sites. There are a number of other controls, techniques and manufactured product available. A few examples include hydro seeding, diversion berms, silt dikes and fiber logs. Even something as simple as a tarp or plastic may provide temporary cover for small exposed areas. You may wish to contact an erosion and sediment control specialist, local building official, or MDEQ for further information. In addition, MDEQ has several guidance manuals that may be of assistance and the internet has abundant guidance on construction BMPs.

Housekeeping Controls: Pollutants that may enter storm water from construction sites because of poor housekeeping include oils, grease, paints, gasoline, solvents, litter, debris, and sanitary waste. Good housekeeping practices include:

- Frequent cleaning of trash and debris, providing waste receptacles at convenient locations and providing regular collection of waste;
- Directing concrete trucks to the subdivision's designated wash-off area(s) or back to the Ready-Mix facility;
- Providing protected storage areas for chemicals, paints, solvents, fertilizers, and other potentially toxic materials; and
- Providing adequately maintained sanitary facilities.

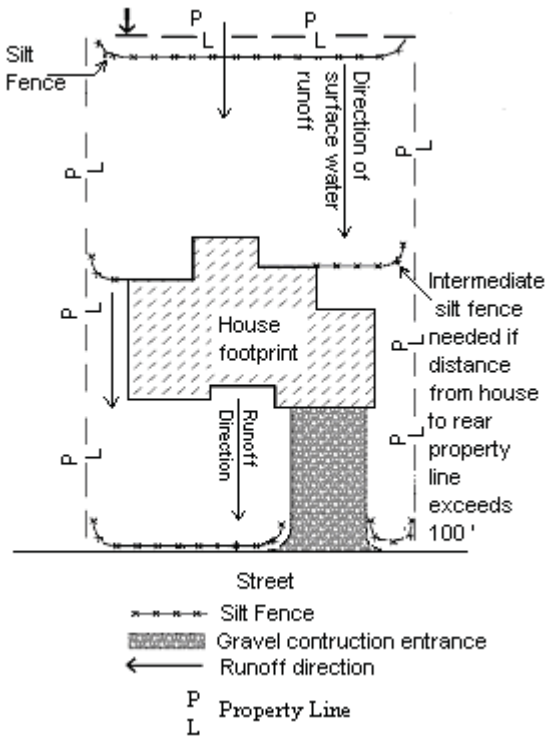
In addition, you should be aware that State air regulations prohibit the open burning of residential solid waste.

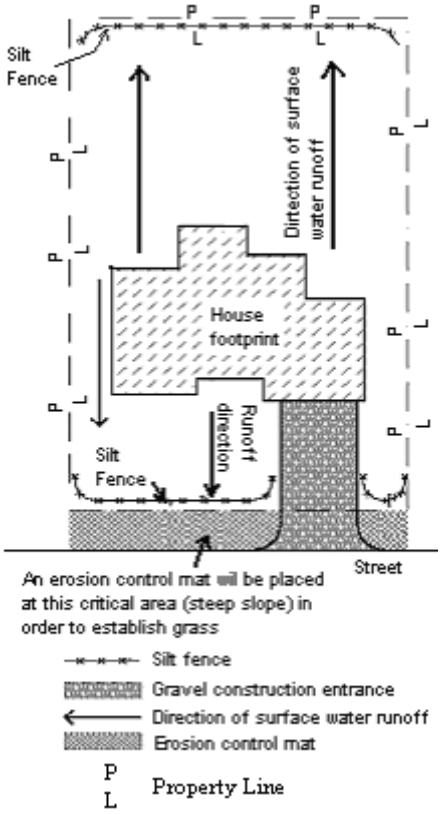
Inspection Requirements. Homebuilders shall inspect all erosion controls as often as is necessary, but no less than weekly, to ensure that appropriate erosion and sediment controls have been properly constructed and maintained to prevent erosion and sediment from leaving the site and determine if additional or alternative control measures are required. The inspection results shall be recorded on the Site Inspection and Certification Form contained in the Large Construction Forms Package. MDEQ strongly recommends that homebuilders perform "walk through" inspections daily. It is a responsibility of the homebuilder to install additional and/or alternative erosion and sediment controls when existing controls prove to be ineffective in preventing sediment from leaving the site.

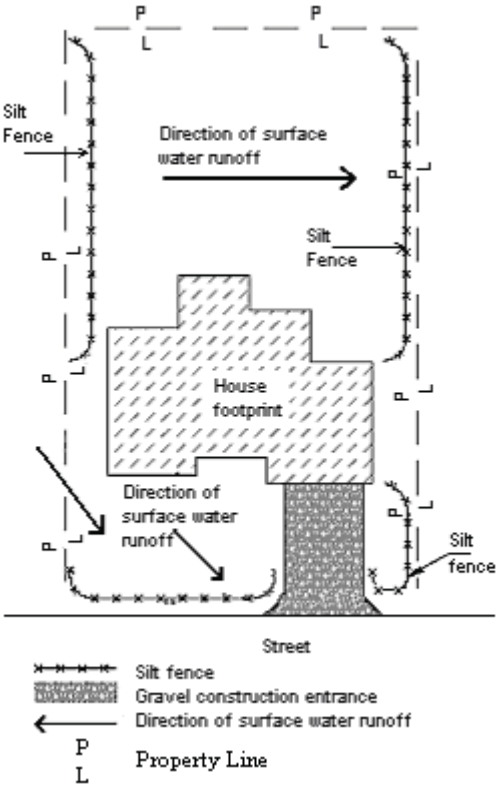
Retention of Records. All records, reports, forms and information resulting from activities required by this permit shall be retained for a period of at least three years from the date of the document origin.

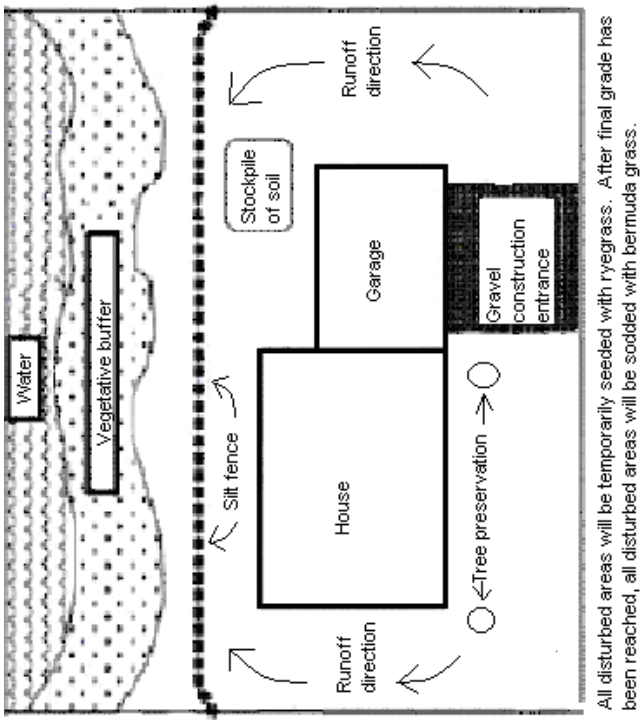
Duty to Comply. Lot owners must comply with the applicable permit conditions. See Activities 3, 5, 6, 7, 10 and 11 in the Large Construction Storm Water General Permit for applicable conditions. Any noncompliance with the applicable permit conditions and aforementioned conditions including sediment leaving the lot constitutes a violation of the Mississippi Water Pollution Control Law and is grounds for enforcement action. It shall not be an acceptable defense that controls were not installed because subsequent activities would require their replacement or cause their destruction.

EXAMPLE INDIVIDUAL LOT EROSION AND SEDIMENT CONTROL PLANS









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 __ __ __ __)

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

_____ Member
Printed Name Title

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

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

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 (RFT) of Coverage

LARGE CONSTRUCTION GENERAL PERMIT

Coverage No. MSR10 __ __ __ __ County _____

(Fill in your Certificate of Coverage Number and County)

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

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.**

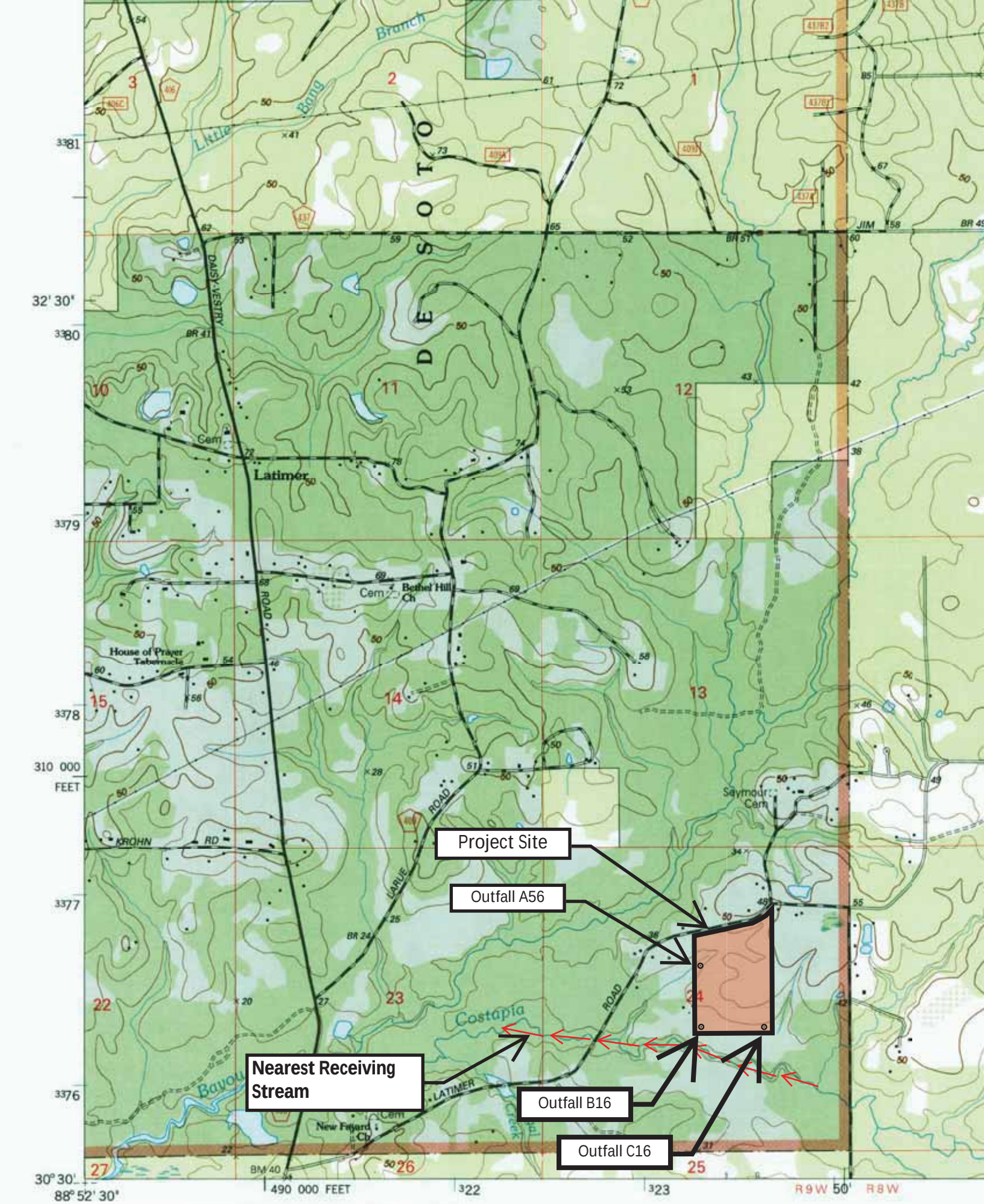
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage 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

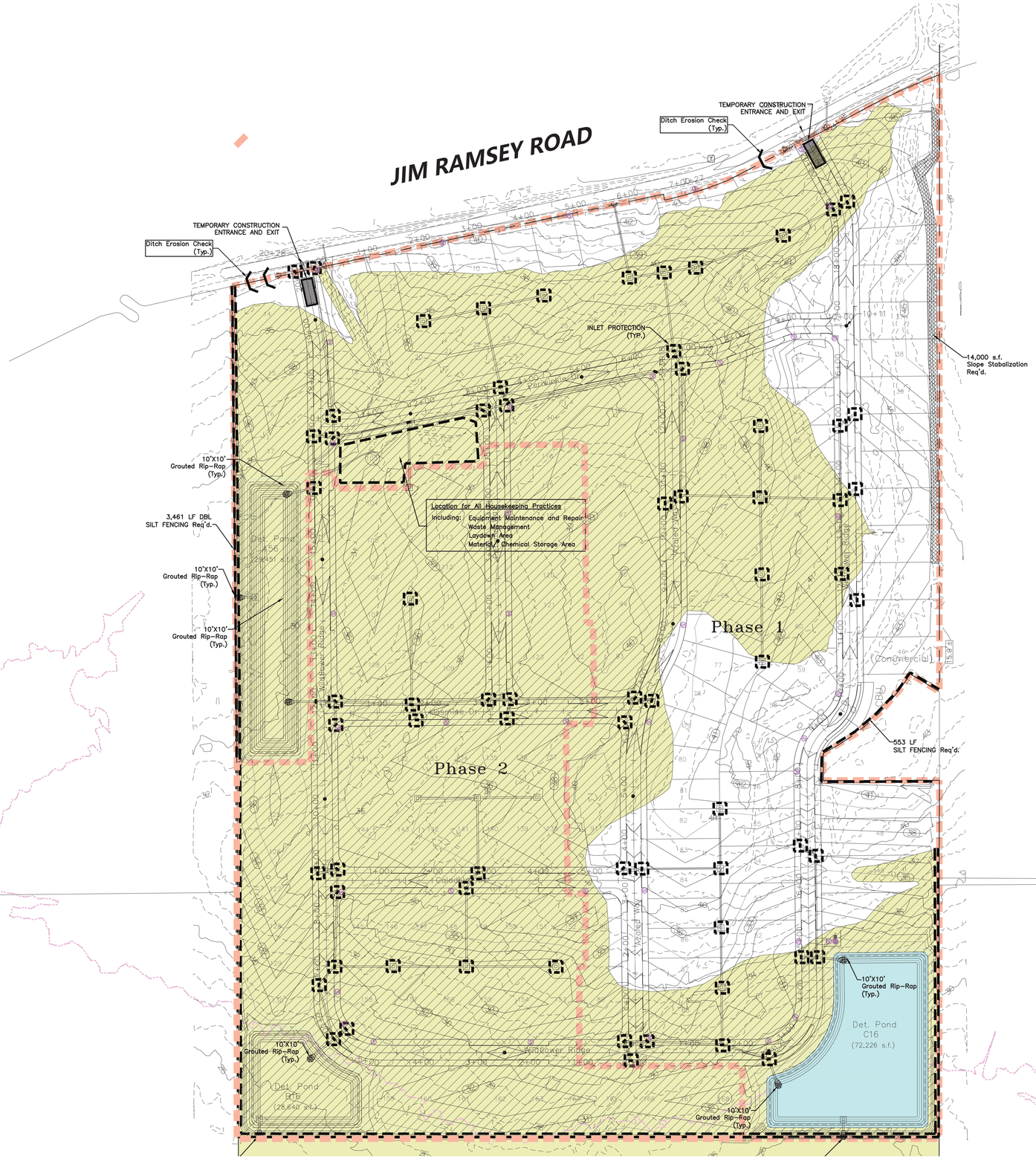
[1]This application shall be signed according to the General Permit, ACT11, T-7 as follows:

- 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



Produced by the United States Geological Survey 1982
Revision within and adjacent to National Forest System lands
by USDA Forest Service 2000



1"=100'

Wetlands

Impacted Wetlands

Phase 1 Disturbed Area: 34± Acres
Phase 2 Disturbed Area: 18± Acres

Note:
1) All Slopes to be Stabilized Within 21 Days of Placement.
2) If Not Sodded, Slope Stabilization to Consist of Matting and Hydroseed.
3) All Detention Ponds To Be Constucted First after initial Land Clearing and Used as Sedimentation Basins During Construction.
4) Silt Fence to be Maintained and Silt Removed When the Vertical Silt Level Reaches 1/3 of the Silt Fence.

REVISED
DRAWN JCH
CHECKED
DATE March 2026

SHEET TITLE
Erosion Control

PROJECT NAME
Wildflower Ridge
Jackson County, Mississippi

13061 Shriners Blvd. Suite D
Biloxi, Mississippi 39532

Dennis Stieffel and Associates, Inc.
Consulting Engineers

SHEET
5

PROJECT NO.
770

STORM WATER POLLUTION PREVENTION PLAN

MAINTENANCE PLAN:

1) Vegetative buffer zones shall be maintained between land disturbing activities and perennial water bodies or planted vegetated areas. Buffer zones shall provide a minimum 150-ft buffer and shall be no less than 15 feet in width. Additionally, it is required that 50-foot undisturbed buffers be provided adjacent to waters of the United States wherever possible, and that any buffers less than 50-foot shall be supplemented with additional erosion control measures (double silt fencing) which in combination achieves the sediment load reduction equivalent to a 50-foot undisturbed buffer. Provide and maintain a 50-foot undisturbed natural buffer around waters of the United States; or provide and maintain an undisturbed natural buffer that is less than 50 feet and is supplemented with additional erosion and sediment controls which in combination achieves the sediment load reduction equivalent to a 50-foot undisturbed buffer. *Please describe in the SWPPP narrative how you plan to meet this requirement.*

2) Vegetative controls shall be initiated no later than the next work day following any clearing, grading, excavating or other land disturbing activities which have temporarily or permanently ceased on any portion of the site and will not resume for a period of fourteen (14) days or more. Vegetative controls shall consist of Bermuda grass or other suitable ground cover grasses which will blend with the native vegetation and provide the desired stabilization and erosion protection. Solid sod may be used in areas prone to erosion due to isolated concentrations of surface drainage.

3) Structural controls shall consist of silt fencing, straw bales, rip-rap and/or erosion matting or some combination thereof at all points of discharge into existing drainage systems. The controls are to be left in place and maintained for the duration of the project. Upon satisfactory stabilization of site, structural controls shall be removed along with any and all silt build-up. Structural controls are to eliminate tracking of sediment in order to prevent any damage to the downstream tributaries or water ways and/or associated wetland areas. Best management practices (BMPs) will be utilized throughout the duration of the construction of the project. Stone-stabilized construction entrances (6" thick and 50' long) will be used to prevent sediment from being tracked onto public roads with tires being washed on an as-needed basis.

4) Inspection of all disturbed areas, erosion, sediment controls and outfalls/discharge points are required after rain events that produce a discharge and at least weekly for a minimum of four (4) inspections per month. Make needed repairs within 24 hours. All accumulated sediment shall be removed from structural controls when sediment deposits reach 1/3 to 1/2 the height of the control. For sediment basins, accumulated sediment shall be removed when the capacity has been reduced by 50%. Replace non-functional silt fence. Maintain all vegetated areas to provide proper ground cover and re-grass, fertilize and mulch as needed. Any silt removed shall be disposed of in nonwetland areas.

5) Topsoil shall be stockpiled and reapplied to disturbed areas at a depth of 2 inches on 3:1 slopes and 4 inches on flatter slopes with an admixture of commercial grade 13-13-13 fertilizer.

6) Heavy equipment use shall be avoided in re-grassed areas. If compaction cannot be avoided, the top 4 inches of the soil bed shall be tilled/scarified before re-vegetation. Any necessary fertilizer or other soil amendments shall be added during the tilling process.

7) Steep slopes that cannot be avoided shall have silt fences for all down slope boundaries (and for those side slope boundaries deemed appropriate by individual site conditions) with the exception of those areas incorporating sediment basins with a calculated volume of run-off from a 2-yr, 24-hr storm or 3,600 cubic feet of storage per acre drained as per the Erosion Control & Drainage Plan. Silt fencing shall be installed at the downstream boundaries of the proposed project to protect areas that are to remain undisturbed.

8) The following measures shall be implemented to maintain an acceptable TMDL and to prevent fecal coliform and/or pathogens from escaping the project site: a) all storm drain inlets that could potentially receive storm water from construction activities shall be protected by surrounding with silt fence until final stabilization (70% min.) has been achieved; b) the lower orifice in the outfall structure shall be temporarily plugged until the completion of the construction of the project, c) all sedimentation basin outfalls to have triple layers of silt fence installed and d) all wastewater shall centralized collection and treatment.

9) Maintenance of site and all erosion controls will be the Contractor's responsibility during construction and the Home Owner's Association (HOA) post construction with the Municipality having perpetual right of access via easements for emergency purposes.

SEQUENCE OF CONSTRUCTION ACTIVITIES:

1) Silt fencing structural controls to be installed prior to any land disturbing activities taking place.
2) Construct construction entrance/exit(s).
3) Construct sedimentation/detention basin(s) with appropriate grassing and/or rip-rap.
4) Rough grade site, construct diversions and drainage ways, stockpile topsoil and install silt fence around stockpile, install utilities, culverts and inlets with associated silt fencing.
5) Install vegetative controls.
6) Construct roadways, drives, parking and buildings.
7) Perform final grading, grassing and landscaping operations.
8) After site is stabilized, remove all temporary measures and any excess sedimentation from basins.
9) Where construction is to take place in multiple phases, subsequent phases are to commence only after the completion & total stabilization of previous phase(s).

HOUSEKEEPING PRACTICES: All equipment maintenance and repair shall be done off-site. The site is to be cleaned of trash and construction debris on a weekly basis so as to prevent the spreading of such onto adjacent properties. Paints, solvents, fertilizers, and any other potentially toxic materials shall not be stored on site. Portable sanitary facilities will be provided for construction workers. A designated pit area is required near construction entrance(s) for concrete truck wash-out (wash-out to be disposed of off-site by Contractor for recycling). Site shall be inspected weekly for spills and leaks. Any spills or leaks detected will be immediately cleaned with a dry absorbent material and absorbent oil socks shall be placed around any adjacent drainage inlets. Where sediment has been tracked-out from the site onto paved roads, sidewalks, or other paved areas outside the site, remove deposited sediment "immediately" by the end of the next workday. Remove the track-out by sweeping, shoveling, or vacuuming these surfaces, or by similarly effective means of sediment removal. Upon completion of construction, excessive sedimentation and/or pollutants shall be removed from roadways and sedimentation basins.
Emergency spill kit and telephone shall be available for use for site. Any spills in danger of migrating off-site shall be immediately reported to the National Response Center at (800) 424-8802.

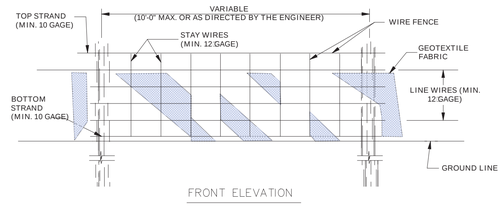
POST CONSTRUCTION/STORM WATER MANAGEMENT MEASURES: The individual lot/site protection plan consists of the installation of sedimentation/detention basin(s), silt fencing, straw bales and/or other erosion/siltation control measures in a continuous band across the downhill side of all disturbed areas including areas adjacent to streets. Under no circumstances will silt laden run-off be allowed to escape the site. Additionally, these requirements are to be an integral part of any sales contracts and recorded covenants for the development. Sedimentation/detention basin(s) are to be thoroughly cleaned of excess sediment after construction. Grassing and/or rip-rap will be placed at concentrated storm water discharge points to prevent erosion from high run-off velocities. During facility operation, potential storm water discharges could include oils, grease, etc., from the resident parking. Detention basins and storm water swales will be utilized for post-construction storm water management to ensure that discharges will be clean and free from all pollutants (oil, grease, etc.). The receiving waters for this area is denoted on the Erosion Control Plan in the construction plans. The water from the project area moves via surface sheet flow into the natural existing drainage feature within/downstream of the property. Drainage from this project area flows downstream into the existing natural drains as denoted on the Erosion Control Plan in the construction plans. All downstream drainage ways will be protected through on site BMP efforts and detention ponds strategically placed on the site to treat run-off prior to discharge.

a. Who will be responsible for the maintenance activities – While the owner is ultimately responsible for maintenance activities, the owner via contract with contractor holds the contractor responsible for all maintenance activities for the duration of the construction of the project, including the 2-yr warranty period. The home builder assumes responsibility for maintenance after purchasing the lots and for the duration of house construction. Upon completion of house construction, the HOA (homeowners association) assumes responsibility for the future perpetual maintenance thereafter typically by way of grounds maintenance landscape crews/contractors.
b. What type of maintenance activities will be conducted – During the construction of the project, the owner/contractor is responsible under the SWPPP (see attached SWPPP which is a part of the construction plans) for the implementation of the Maintenance Plan, Sequence of Construction Activities, Housekeeping Practices, etc., which essentially consist of ensuring that the construction site remains clean and stabilized to ensure no release of pollutants or sediment from the site.
c. How maintenance will be accomplished – Maintenance is accomplished by the owner/contractor for the duration of the construction of the project, after which the homebuilder takes over the maintenance activities for the duration of house construction and finally the HOA assumes responsibility with the oversight of the city and residents.
d. How often maintenance activities will be conducted – Maintenance activities are conducted continuously during the construction of the project and houses and upon satisfactory completion and stabilization of the entire site, the maintenance activities of the HOA grounds keepers are typically conducted on a monthly or 'as-needed' basis.
e. What will they do with any sediment/debris removed from the basin – It is the responsibility of the owner/contractor/homebuilder/HOA grounds maintenance crews to immediately remove and dispose of any sediment/debris from basins and have it disposed of at an acceptable off-site location.

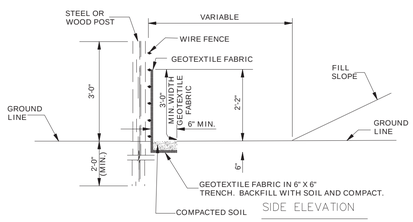
TRAINING DOCUMENTATION: Training records shall include employee's name, worker identification number, date of training, contents of training, an indication whether it was initial or refresher training and the employee's signature acknowledging that training was received. All personnel training associated with this general permit shall be documented on the Employee Training Log Form (see MDEQ Storm Water Permit/LCNOI section in Contract Documents). Completed forms and supporting training documentation shall be maintained on-site with the SWPPP and made available to MDEQ personnel for inspection upon request. The formation of a Stormwater Team is required to conduct regular inspections to ensure proper BMP maintenance, record keeping and prompt corrective action when needed to ensure compliance with SWPPP.

TRAINING REQUIREMENTS: A program shall developed and implemented for initial and periodic refresher training of personnel that are responsible for implementing and/or complying with the requirements of this permit. Initial training for all personnel that are responsible for implementing and/or complying with the requirements of this permit shall be performed within twelve (12) months of issuance of coverage or recoverage under this permit. Newly hired employees responsible for implementing and/or complying with the requirements of this permit shall receive initial training prior to performing such responsibilities. All employees responsible for implementing and/or complying with the requirements of this permit shall receive refresher training by December 31st of each calendar year. Training shall at a minimum address, but not be limited to, the following elements:

(1) SWPPP goals and plan components including:
  (A) Housekeeping and pollution prevention requirements
  (B) Spill prevention and response procedures
  (C) Identification and elimination of non-allowable, non-storm water discharges
  (D) Installation, maintenance and inspection of erosion and sediment controls for construction activities
  (E) Installation, maintenance and inspection of BMPs for post-construction storm water
(2) Procedures for monitoring compliance with non-numeric and numeric limitations
(3) Recordkeeping, reporting and record retention (3 years min.) requirements (includes understanding the records filing system and being able to produce the required permit documentation during an MDEQ on-site inspection)
(4) Release reporting and non-compliance notification and reporting requirements
(5) Applicable standard requirements



FRONT ELEVATION



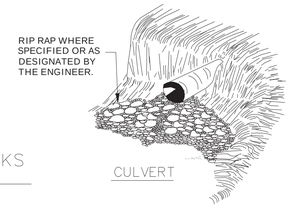
SIDE ELEVATION

TEMPORARY SILT FENCING

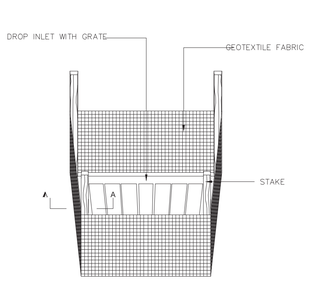
NOTE: 1.) ALL DISTURBED AREAS TO BE SEEDED OR SODDED
2.) SIDE SLOPES OF DETENTION POND TO BE SODDED
3.) SOLID SOD TO BE ADDED 5' BEHIND THE BACK OF CURB FOR THE ENTIRE LENGTH OF ROADWAY
4.) CONTRACTOR RESPONSIBLE FOR KEEPING STREETS CLEAN FROM ANY ACCIDENTAL TRACKING OF DIRT OR SEDIMENT

FALL OF DITCH (%)	DISTANCE* (ft)
0 - 1	100'
1 - 2	50'
>2	25'

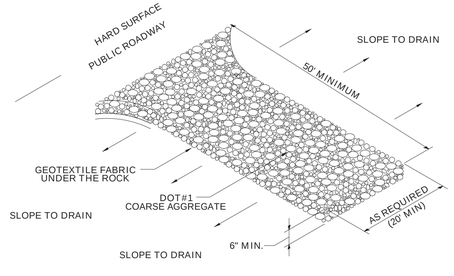
MIN. DISTANCES FOR EROSION CHECKS



CULVERT



SILT FENCE INLET PROTECTION



TEMPORARY CONSTRUCTION ENTRANCE AND EXIT

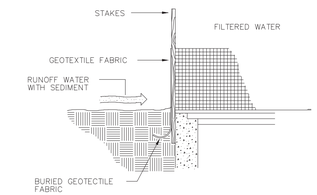
SCALE: N.TS. UPDATED: 4/5/05

GENERAL NOTES:

1. EROSION CONTROL SEQUENCE SHALL BE AS FOLLOWS:
   (A.) SILT FENCING TO PROTECT EXISTING WETLANDS SHALL BE INSTALLED
   (B.) DETENTION POND TO BE CONSTRUCTED
   (C.) SILT FENCING AND HAY BALES TO BE INSTALLED AROUND ALL DRAINAGE STRUCTURES
   (D.) APPROPRIATE EROSION CONTROL STEPS TAKEN TO STABILIZE SIDE SLOPES AND SWALES
   (E.) ALL DISTURBED AREAS TO BE GRASSED EXCEPT WHERE SODDING IS REQUIRED
2. CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMPLEMENTATION OF ALL EROSION CONTROL MEASURES IN ACCORDANCE TO THE WETLANDS PERMIT NUMBER- SAM-2011-1271-TMC , AND THE D.E.Q. (SWPP) PERMIT NUMBER-------- "SEE CONTRACT DOCUMENTS FOR COPIES OF PERMITS"
3. CONTRACTOR SHALL INSPECT THE INSTALLED EROSION CONTROL ITEMS AT LEAST ONCE EVERY SEVEN-CALENDAR DAYS AND PROVIDE ANY MAINTENANCE REQUIRED TO PREVENT EROSION AND ADVERSE IMPACTS TO RECEIVING STREAMS
4. ENTIRE SITE SHALL BE CLEARED AND GRUBBED UNLESS OTHERWISE NOTED, HOWEVER SPECIAL CARE SHOULD BE TAKEN TO PROTECT ANY ORNAMENTAL TREES THAT COULD REMAIN WITH-IN THIS PROJECT.

SILT FENCE NOTES:

1. WIRE SHALL BE MINIMUM OF 32" IN WIDTH AND SHALL HAVE A MINIMUM OF 6 LINE WIRES WITH 12" STAY SPACING.
2. GEOTEXTILE FABRIC SHALL BE A MINIMUM OF 36" IN WIDTH AND SHALL BE FASTENED ADEQUATELY TO THE WIRE AS DIRECTED BY THE ENGINEER.
3. STEEL POST SHALL BE 5'-0" IN HEIGHT AND OF THE SELF-FASTENER ANGLE STEEL TYPE. WOOD POST SHALL BE A MINIMUM OF 5'-0" IN HEIGHT AND 3" OR MORE IN DIAMETER. WIRE FENCE SHALL BE FASTENED TO WOODEN POST WITH NOT LESS THAN 9 GAGE WIRE STAPLES 1" LONG.
4. GEOTEXTILE FABRIC MEETING THE TYPE II MATERIAL REQUIREMENTS AND INSTALLED ACCORDING TO SPECIFICATIONS MAY BE USED WITHOUT WIRE FENCE.



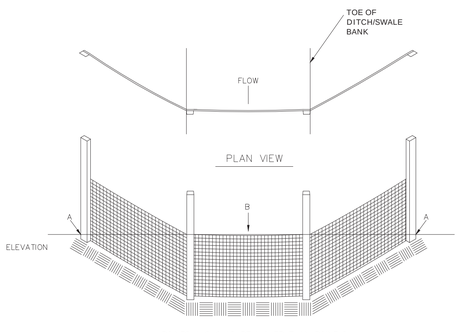
SECTION A-A

TEMPORARY SILT FENCE
SWALE & INLET PROTECTION

SCALE: N.TS. UPDATED: 4/5/05

NOTES:

1. SILT FENCE SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE CITY OF BILOXI SPECIFICATION SECTION 907-2.3.4 AND OTHER EROSION CONTROL DETAILS.



POINTS A SHOULD BE HIGHER THAN POINT B

SILT FENCE DITCH/SWALE PROTECTION

REVISED
DRAWN JDH
CHECKED
DATE March 2026

SHEET TITLE: Erosion Control

PROJECT NAME: Wildflower Ridge
Jackson County, Mississippi

13061 Shriners Blvd. Suite D
Biloxi, Mississippi 39532

Dennis Stieffel and Associates, Inc.
Consulting Engineers

SHEET 6

PROJECT NO. 770

1"=100'

REVISED

DRAWN JDH

CHECKED

DATE March 2026

SHEET TITLE
Drainage Plan

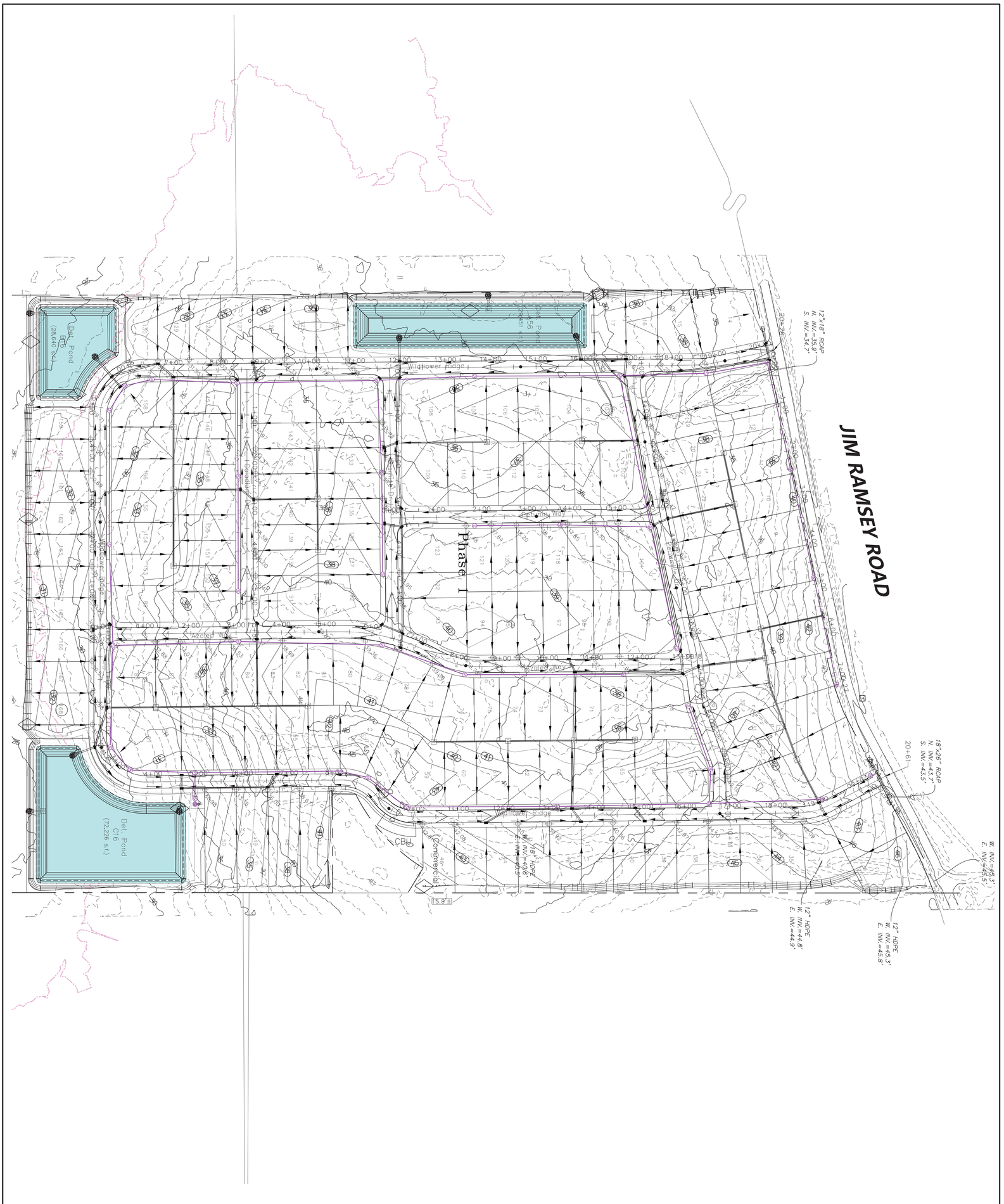
PROJECT NAME
Wildflower Ridge
Jackson County, Mississippi

13061 Shriners Blvd. Suite D
Biloxi, Mississippi 39532

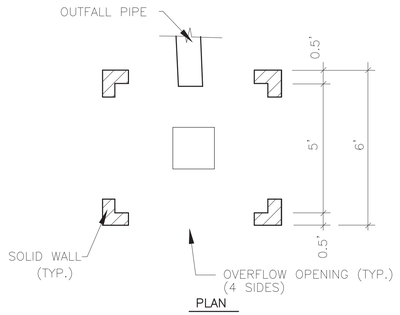
DSA
Dennis Stieffel and Associates, Inc.
Consulting Engineers

SHEET
7

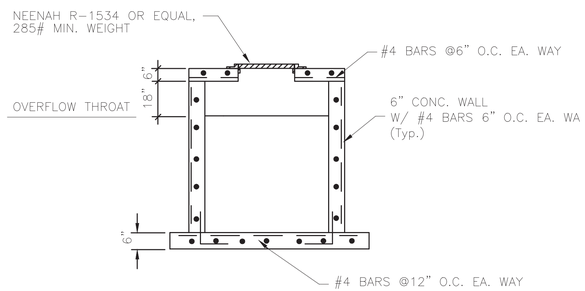
PROJECT NO.
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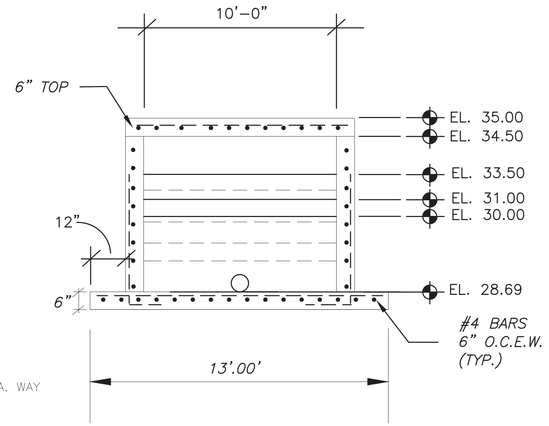
PROJECT NO.	SHEET							
770	8	Dennis Stieffel and Associates, Inc. Consulting Engineers	13061 Shriners Blvd. Suite D Biloxi, Mississippi 39532	PROJECT NAME Wildflower Ridge Jackson County, Mississippi	SHEET TITLE Grading Plan	DATE March 2018	CHECKED	DRAWN ZP	REVISED



PLAN

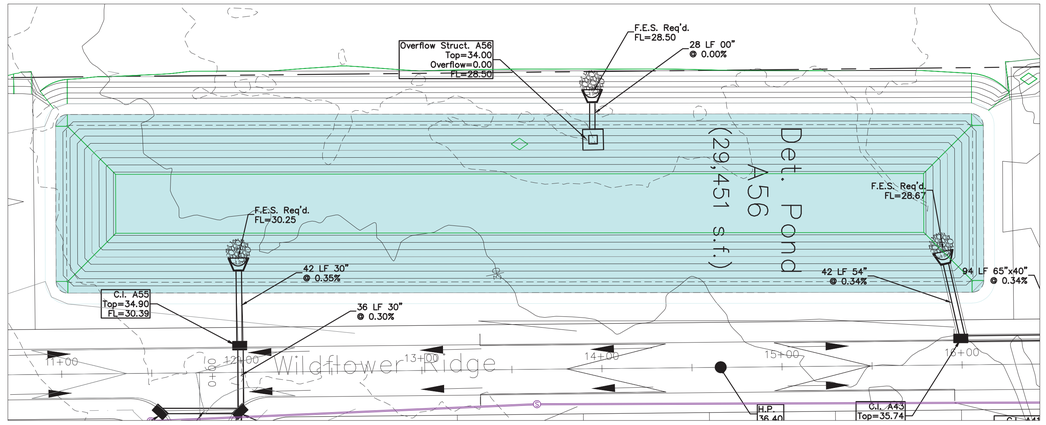


SECTION



SECTION A-A

NTS



A56 Site PLan

Sedimentation Basin(s)

Basin	(A) Top of Box	(B) T.O.S.	(C) B.O.S.	(D) B.O.B.	Skimmer Size (in)	Skimmer Orifice %	Skimmer Capacity (q/48 hrs)	Drainage Area (ac)	Avg Surf Area Prov'd (sf)	Storage Depth (ft)	Volume Req'd. (cf)	Volume Provided (cf)
A56	34.50	32.50	28.69	24.69	**8.00**	**80%**	146,520	40.7	52,272	7.81	146,520	408,244
B16	28.50	26.50	24.11	20.11	**4.00**	**80%**	30,960	8.6	28,640	6.39	30,960	183,010
C16	29.50	27.50	25.19	21.19	**4.00**	**95%**	37,440	10.4	72,226	6.31	37,440	455,746

Note: 3,600 cf/cleared-ac volume required for drainage areas greater than 10 acres.

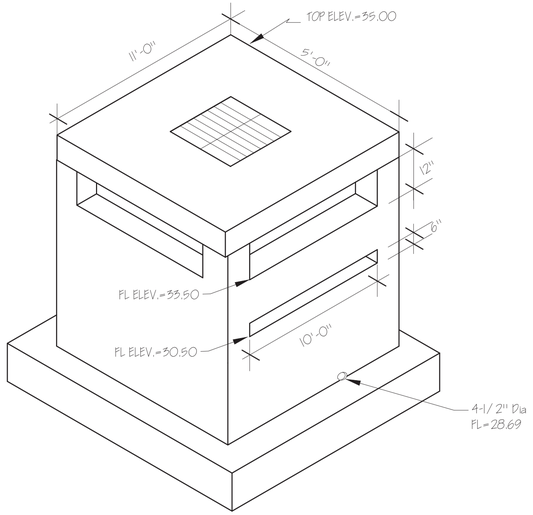
MDEQ/ WQC Detention Basin Calculations
Wildflower Ridge Subdivision (168 lots)

Project No. 770
April 18, 2026

Basin	Drainage Area (ac) (input)	Swale Length (avg) (input)	Units/ Basin (input)	Basin Geometrics Avg Len (ft)	Avg Wid (ft)	Depth (ft)	Average Surface Area Required (sf)	Provided (sf) (input)	*Basin Vol Req'd (cf)	**Basin Vol Provided (cf)	Circular Orifice Dia (in) (input)	Return Time 1st Half (hrs) (input)	Total (hrs) (input)	Top of Bank Elev (ft)	Area (ac)	Top of Storage Elev (ft) (input)	Area (ac)	Avg Storage Elev (ft)	Area (ac)	Bot of Storage Elev (ft) (input)	Area (ac)	Bot of Basin Elev (ft)	Area (ac)	Rectangular Orifice Top (Elev) (input)	Bot (Elev) (input)	Width (ft) (input)	Overflow Structure Top (Elev) (input)	Width (ft) (input)	Forebay Geometrics Vol (cf)	L (ft)	W (ft)	D (ft) (input)
A56	**40.7**	**275**	**109**	120	60	3.81	7,152	**52,272**	27,250	199,156	**2 1/2**	**54**	**200+**	34.50	(.3153	**32.50**	0.2323	30.60	0.1642	**28.69**	0.1068	26.69	23.0000	**30.25**	**29.75**	**10.00**	**34.00**	**10.00**	5,450	29	29	**6.5**
B16	**8.6**	**275**	**31**	81	40	2.39	3,243	**28,640**	7,750	68,458	**1 5/8**	**52**	**200+**	28.50	(.1603	**26.50**	0.1031	25.31	0.0744	**24.11**	0.0500	22.11	23.0000	**25.00**	**24.75**	**5.00**	**28.00**	**5.00**	1,550	15	15	**6.5**
C16	**10.4**	**275**	**28**	78	39	2.31	3,030	**72,226**	7,000	166,842	**3**	**51**	**200+**	29.50	(.1519	**27.50**	0.0963	26.35	0.0696	**25.19**	0.0468	23.19	23.0000	**25.75**	**25.50**	**5.00**	**29.00**	**5.00**	1,400	15	15	**6.5**
			168			(2' min.)					(DCO)	48 to 72		(TOB)		(TOS)				(BOS)				(TRO)	(BRO)	(WRO)	(TOFS)	(WOFS)				

*Minimum basin volume required for first 1-1/2" over impervious surfaces (3,500 sf per lot).
**Actual basin volume provided in Construction Plans.
Note: Outfall structure to drain 1/2 the volume within 48 to 72 hours with no more than 1/2 the volume being discharged within 48 hours.

Abbreviations:
DCO - Diameter of Circular Orifice
TOB - Top of Bank
TOS - Top of Storage
BOS - Bottom of Storage
TRO - Top of Rectangular Orifice
BRO - Bottom of Rectangular Orifice
WRO - Width of Rectangular Orifice
TOFS - Top of Overflow Structure
WOFS - Width of Overflow Structure



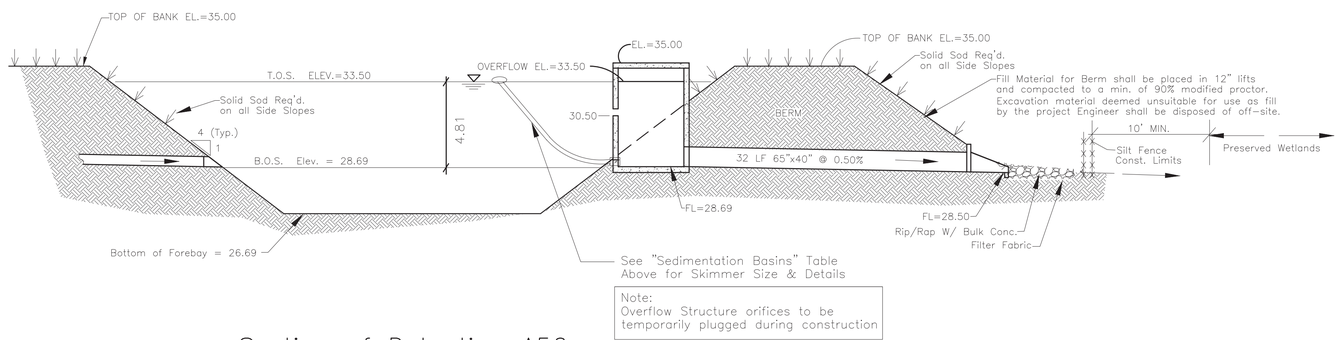
OVERFLOW STRUCTURE

N.T.S.

NOTE:
OVERFLOW BOX TO BE CONSTRUCTED WITH THE SAME MIN. DIMENSIONS NOTED ON THE CATCH BASIN DETAILS EXCEPT WHERE OTHERWISE SPECIFIED.

OVERFLOW WEIR DETAIL

N.T.S.



Note:
Overflow Structure orifices to be temporarily plugged during construction

Section of Detention A56

N.T.S.

REVISED
DRAWN JDH
CHECKED
DATE March 2026

SHEET TITLE
Detention Pond A-56

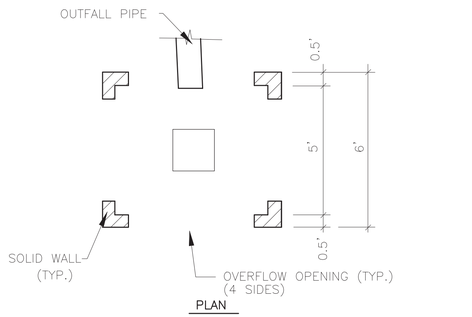
PROJECT NAME
Wildflower Ridge
Jackson County, Mississippi

13061 Shriners Blvd. Suite D
Biloxi, Mississippi 39532

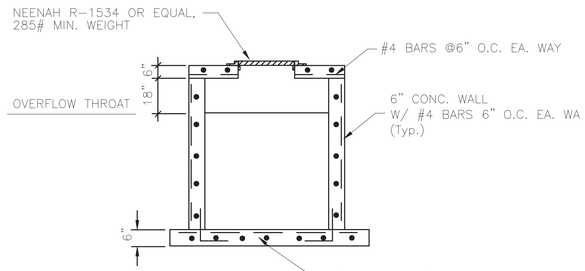
Dennis Stieffel and Associates, Inc.
Consulting Engineers

SHEET
9

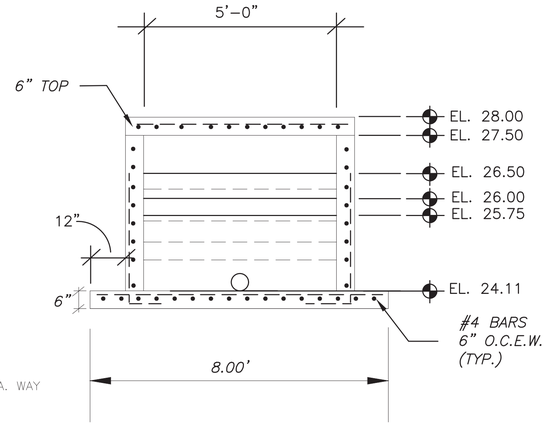
PROJECT NO.
770



PLAN

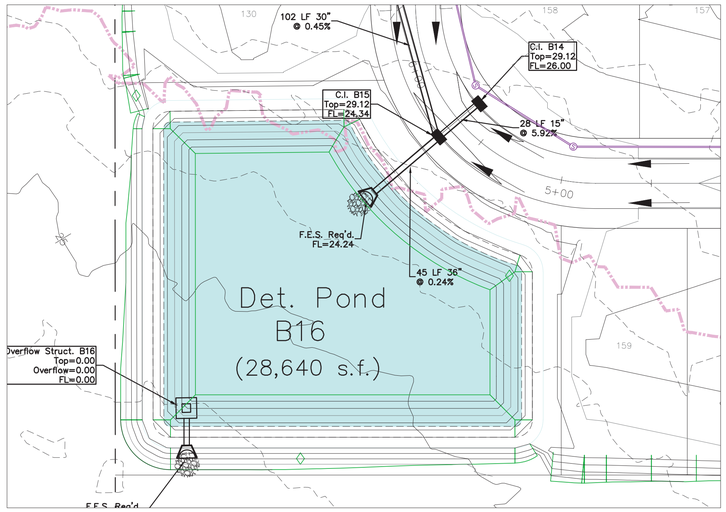


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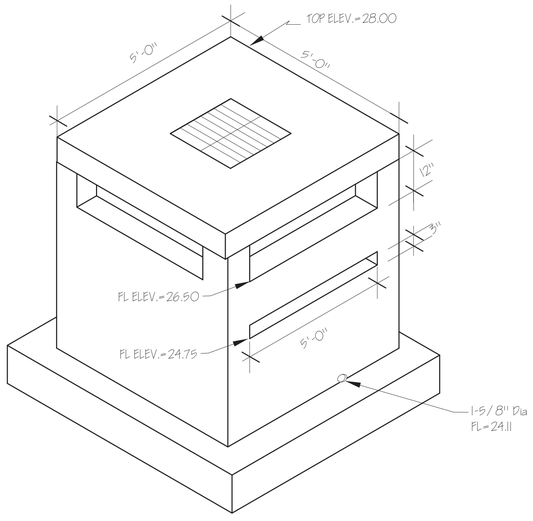


SECTION A-A

NTS



B16 Site PLan



OVERFLOW STRUCTURE

N.T.S.

NOTE:
OVERFLOW BOX TO BE CONSTRUCTED WITH THE SAME MIN. DIMENSIONS NOTED ON THE CATCH BASIN DETAILS EXCEPT WHERE OTHERWISE SPECIFIED.

OVERFLOW WEIR DETAIL

N.T.S.

Sedimentation Basin(s)

Basin	(A) Top of Box	(B) T.O.S.	(C) B.O.S.	(D) B.O.B.	Skimmer Size (in)	Skimmer Orifice %	Skimmer Capacity (cfs48 hrs)	Drainage Area (ac)	Avg Surf Area Prov'd (sf)	Storage Depth (ft)	Volume Req'd. (cf)	Volume Provided (cf)
A56	34.50	32.50	28.69	24.69	**8.00**	**80%**	146,520	40.7	52,272	7.81	146,520	408,244
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Note: 3,600 cf/cleared-ac volume required for drainage areas greater than 10 acres.

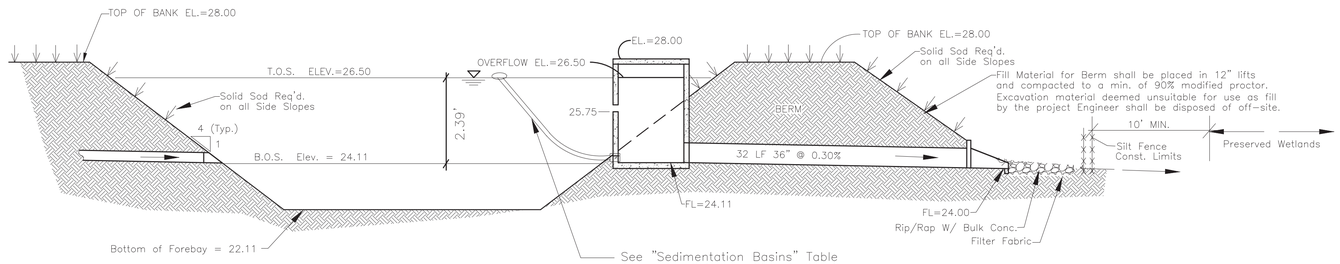
MDEQ/ WQC Detention Basin Calculations
Wildflower Ridge Subdivision (168 lots)

Project No. 770
April 18, 2026

Basin	Drainage Area (ac) (input)	Swale Length (avg.) (input)	Units/ Basin (input)	Basin Geometrics: Avg Len (ft)	Avg Wid (ft)	Depth (ft)	Average Surface Area: Required (sf)	Provided (sf) (input)	*Basin Vol Req'd (cf)	**Basin Vol Provided (cf)	Circular Orifice Dia (in) (input)	Return Time: 1st Half (hrs) (input)	Total (hrs) (input)	Top of Bank: Elev (ft)	Area (ac)	Top of Storage: Elev (ft) (input)	Area (ac)	Avg Storage: Elev (ft)	Area (ac)	Bot of Storage: Elev (ft) (input)	Area (ac)	Bot of Basin: Elev (ft)	Area (ac)	Rectangular Orifice: Top (Elev) (input)	Bot (Elev) (input)	Width (ft) (input)	Overflow Structure: Top (Elev) (input)	Width (ft) (input)	Forebay Geometrics: Vol (cf)	L (ft)	W (ft)	D (ft) (input)
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*Minimum basin volume required for first 1-1/2" over impervious surfaces (3,500 sf per lot).
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Note: Outfall structure to drain 1/2 the volume within 48 to 72 hours with no more than 1/2 the volume being discharged within 48 hours.

Abbreviations:
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TOFS - Top of Overflow Structure
WOFS - Width of Overflow Structure



Note:
Overflow Structure orifices to be temporarily plugged during construction

Section of Detention B16

N.T.S.

REVISED
DRAWN JJH
CHECKED
DATE March 2026

SHEET TITLE: Detention Pond B-16

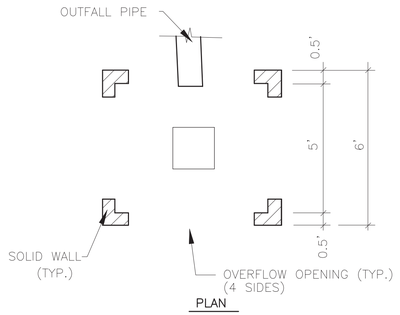
PROJECT NAME: Wildflower Ridge
Jackson County, Mississippi

13061 Shriners Blvd. Suite D
Biloxi, Mississippi 39532

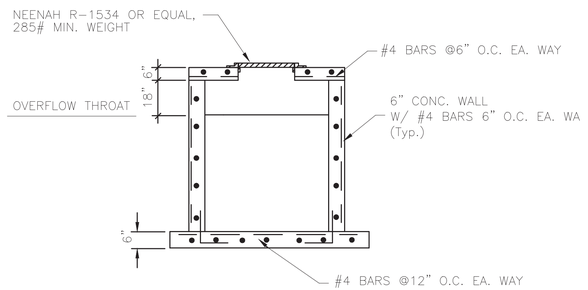
Dennis Stieffel and Associates, Inc.
Consulting Engineers

SHEET 10

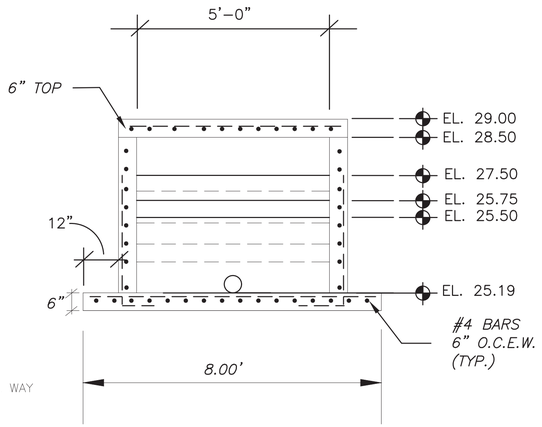
PROJECT NO. 770



PLAN

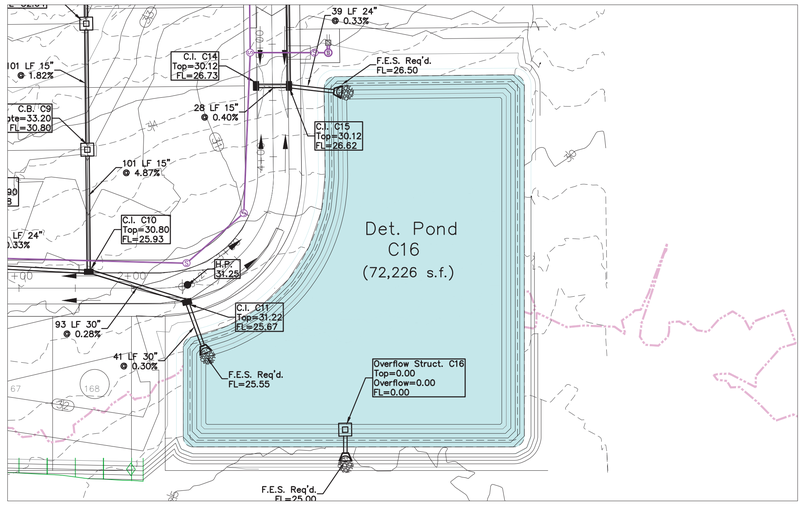


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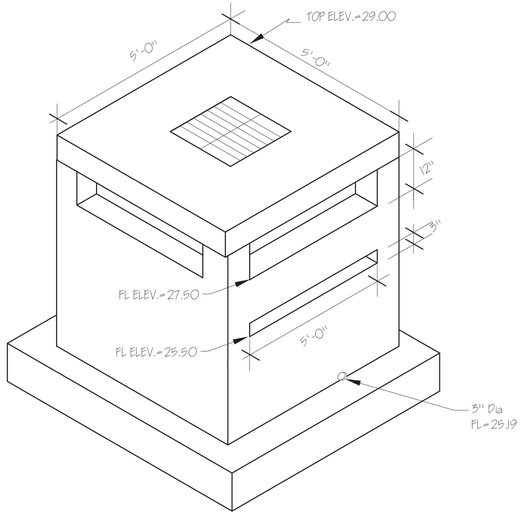


SECTION A-A

NTS



C16 Site PLan



OVERFLOW STRUCTURE

N.T.S.

NOTE:
OVERFLOW BOX TO BE CONSTRUCTED WITH THE SAME MIN. DIMENSIONS NOTED ON THE CATCH BASIN DETAILS EXCEPT WHERE OTHERWISE SPECIFIED.

OVERFLOW WEIR DETAIL

N.T.S.

Sedimentation Basin(s)

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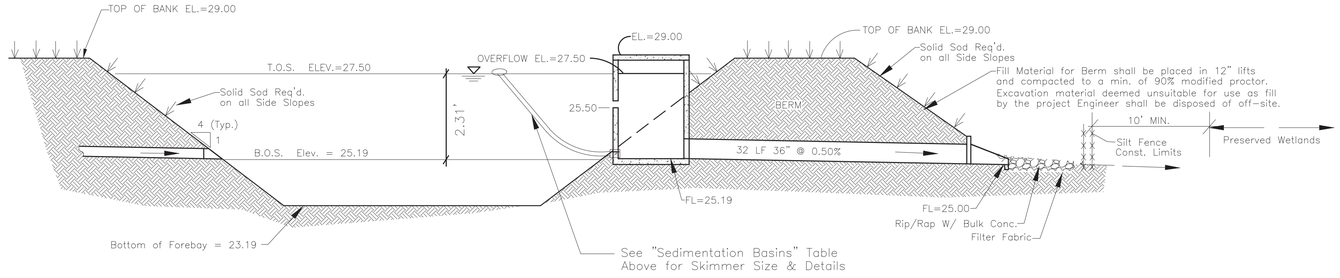
MDEQ/ WQC Detention Basin Calculations
Wildflower Ridge Subdivision (168 lots)

Project No. 770
April 18, 2026

Basin	Drainage Area (ac)	Swale Length (avg)	Units/ Basin	Basin Geometrics Avg Len (ft)	Avg Wid (ft)	Depth (ft)	Average Surface Area Required (sf)	Provided (sf)	*Basin Vol Req'd (cf)	**Basin Vol Provided (cf)	Circular Orifice Dia (in)	Return Time 1st Half (hrs)	Total (hrs)	Top of Bank Elev (ft)	Area (ac)	Top of Storage Elev (ft)	Area (ac)	Avg Storage Elev (ft)	Area (ac)	Bot of Storage Elev (ft)	Area (ac)	Bot of Basin Elev (ft)	Area (ac)	Rectangular Orifice Top (Elev)	Bot (Elev)	Width (ft)	Overflow Structure Top (Elev)	Width (ft)	Forebay Geometrics Vol (cf)	L (ft)	W (ft)	D (ft)
	(input)	(input)	(input)					(input)			(input)	(input)	(input)			(input)				(input)				(input)	(input)	(input)	(input)	(input)				(input)
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Note:
Overflow Structure orifices to be temporarily plugged during construction

Section of Detention C16

N.T.S.

REVISED
DRAWN JDH
CHECKED
DATE March 2026

SHEET TITLE
Detention Pond C-16

PROJECT NAME
Wildflower Ridge
Jackson County, Mississippi

13061 Shriners Blvd. Suite D
Biloxi, Mississippi 39532

Dennis Stieffel and Associates, Inc.
Consulting Engineers

SHEET
11

PROJECT NO.
770