



November 1, 2021

Mrs. Florance Bass
MS Dept of Environmental Quality, Office of Pollution Control
P.O. Box 2261
Jackson, MS 39225

RE: Lennon Farms (Lots 1-24)
Rankin County, MS
Benchmark Project No.: B-8720

Mrs. Bass,

Lennon Farms is a proposed 24 lot residential development located on Mississippi Highway 43 in the Pisgah area of Rankin County, Mississippi. The development of this phase will involve the construction of an open ditch cul-de-sac roadway and utility infrastructure. We are proposing to disturb +/- 4.50 acres with this phase of the development; however, we are requesting coverage for the entire +/- 31 acre parcel to include the additional land disturbance due to home construction.

Included in this submittal is the Large Construction Notice of Intent (LCNOI), Stormwater Pollution Prevention Plan (SWPPP), and other corresponding submittal documents. We are in the process of submitting this project to the MSDH for on-site wastewater approval; we will forward this approval to your office once it is received. I am submitting these documents through the online portal, but I will send hard copies to your office as well.

Thanks for your assistance with this project and if you need any additional information, contact me at 601-627-7783. Thanks.

Sincerely,

Jeff Bagley, E.I.
Benchmark Engineering & Surveying, LLC
jbagley@benchmarkms.net

MSR10 _ _ _ _

(NUMBER TO BE ASSIGNED BY STATE)

APPLICANT IS THE: ☒ OWNER ☐ PRIME CONTRACTOR

OWNER CONTACT INFORMATION

OWNER CONTACT PERSON: Scott May
OWNER COMPANY LEGAL NAME: S&S Builders of MS, Inc.
OWNER STREET OR P.O. BOX: 1940 Florence Byram Rd
OWNER CITY: Florence STATE: MS ZIP: 39073
OWNER PHONE #: (601) 966-5803 OWNER EMAIL: cs.may@windstream.net

PRIME CONTRACTOR CONTACT INFORMATION

PRIME CONTRACTOR CONTACT PERSON: _____
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: Lennon Farms
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: MS Highway 43
CITY: _____ STATE: MS COUNTY: Rankin ZIP: 39047
FACILITY SITE TRIBAL LAND ID (N/A If not applicable): N/A
LATITUDE: 32 degrees 29 minutes ^{54.44} seconds LONGITUDE: 89 degrees 55 minutes ^{04.00} seconds
LAT & LONG DATA SOURCE (GPS (Please GPS Project Entrance/Start Point) or Map Interpolation): Carlson Survey (Autocad)
TOTAL ACREAGE THAT WILL BE DISTURBED ¹: +/- 31
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: 2021-12-15
YYYY-MM-DD
ESTIMATED CONSTRUCTION PROJECT END DATE: 2022-04-15
YYYY-MM-DD
DESCRIPTION OF CONSTRUCTION ACTIVITY: Roadway and Utility Construction
PROPOSED DESCRIPTION OF PROPERTY USE AFTER CONSTRUCTION HAS BEEN COMPLETED:
Residential Subdivision
SIC Code _ _ _ _ NAICS Code _ _ _ _

NEAREST NAMED RECEIVING STREAM: Carter Creek & Cane 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 BOUNDARY THAT MAY BE IMPACTED BY THE CONSTRUCTION ACTIVITY? YES ☒ NO ☐

EXISTING DATA DESCRIBING THE SOIL (for linear projects please describe in SWPPP):
See SWPPP

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

IF YES, INDICATE THE TYPE OF FLOCCULANT. ☐ ANIONIC POLYACRYLAMIDE (PAM)
☐ OTHER _____

IF YES, DOES THE SWPPP DESCRIBE THE METHOD OF INTRODUCTION, THE LOCATION OF INTRODUCTION AND THE LOCATION OF WHERE FLOCCULATED MATERIAL WILL SETTLE? YES ☐ NO ☐

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

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

IS LCNOI FOR A FACILITY THAT WILL REQUIRE OTHER PERMITS?

YES ☐

NO ☒

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

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

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? YES ☐ NO ☒
(If yes, provide appropriate approval documentation from MDEQ Office of Land and Water, Dam Safety.)

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:

Rankin 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.

Scott May
Signature of Applicant¹ (owner or prime contractor)

10-22-21
Date Signed

Scott May
Printed Name

Member
Title

¹This application shall be signed as follows:

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

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

Please submit the LCNOI form to:

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



Michael Watson

SECRETARY OF STATE

This is not an official certificate of good standing.

Name History

Name	Name Type
S & S Builders of Ms, Inc.	Legal

Business Information

Business Type:	Profit Corporation
Business ID:	903190
Status:	Good Standing
Effective Date:	01/25/2007
State of Incorporation:	Mississippi
Principal Office Address:	540 White Oak Road Florence, MS 39073

Registered Agent

Name
May, Christopher S. 1940 FLORENCE-BYRAM ROAD FLORENCE, MS 39073

Officers & Directors

Name	Title
Christopher S. May 540 White Oak Road Florence, MS 39073	Incorporator
Christopher S May 540 White Oak Road Florence, MS 39073	Director, President

S t o r m W a t e r P o l l u t i o n P r e v e n t i o n P l a n

For

LENNON FARMS

Located in
Rankin County, Mississippi



CIVIL CONSULTING ENGINEERING ♦ LAND SURVEYING ♦ UAV MAPPING

www.benchmarkms.net

Site Information

Lennon Farms is a proposed residential development that sits on a 31 acre parcel and will contain 24 lots located on Mississippi Highway 43 in Rankin County, Mississippi. This project consists of constructing an open ditch roadway and utility infrastructure. The total acreage to be disturbed with this phase of construction is +/- 4.50 acres. The total disturbed area for this project at complete buildout of the lots is 31 acres.

According to the Soil Survey of Rankin County, Mississippi, the soils on the site are of type 55B – Kipling silt loam, 2 to 5 percent slopes; 25A – Quitman loam, 0 to 2 percent slopes; 49C2 – Savannah loam, 5 to 8 percent slopes; and 67B – Kipling-Falkner association, undulating. Type 55B is a deep, somewhat poorly drained, gently sloping soil on ridgetops and hillsides on uplands in the Blackland Prairie and is considered a moderate erosion hazard. Type 25A is a deep, moderately well drained, nearly level soil on uplands and stream terraces and is considered a slight erosion hazard. Type 49C2 is a deep, moderately well drained, sloping soil on ridgetops and hillsides on uplands and is considered a moderate to severe erosion hazard. Type 67B consists of deep, somewhat poorly drained gently undulating or gently rolling soils on uplands and is considered a moderate to severe erosion hazard. This site drains to Carter Creek and Cane Creek.

Vegetative Controls

All trees will be removed that are in conflict with the site improvements. Topsoil will be stockpiled on site for future use in landscaping. All cut slopes will be at or below a 3:1 slope and 3:1 cut slopes will be disked prior to seeding. Any disturbed areas that will be left undisturbed for fourteen or more days will be seeded with temporary seeding immediately. After final grading, all disturbed areas that are thought to remain undisturbed for fourteen or more days will be seeded with permanent seeding or landscaped per the landscaping plans immediately. The temporary seeding species will be determined by the time of year it is to be installed. Disturbed areas that are to be re-vegetated shall avoid soil compaction.

Structural Controls

Upslope waters will be diverted around disturbed areas if at all possible. Rip-rap will be placed at all new culvert inlet/outlet locations. Silt fence will be installed along the toe of all slopes where work will disturb upstream areas. Additional fencing will be added as necessary to control sediment per the phase of the construction. Wattles or other approved inlet protection devices will be installed at all storm drain structures and upstream ends of pipes. Wattles will be installed in the centerline of graded ditches until such time as they can be removed.

Housekeeping Practices

An equipment/materials staging area will be constructed at a location determined by the contractor but only if the Contractor has a need for a staging area. A suitable container for trash will be provided. Portable sanitary facilities will be provided for the construction workers. A concrete washout area will be provided at a location determined by the contractor. All major equipment maintenance and repair will be done offsite. In the event that minor equipment maintenance and repair is required onsite, it will be performed in the equipment/materials staging area. Refueling of equipment will take place in the equipment/materials staging area. Portable sanitary facilities will be inspected weekly and emptied or replaced as needed. The equipment/materials staging area will be inspected weekly and after storm events; perimeter controls, containment structures and covers will be repaired or replaced as needed.

Post Construction/Storm Water Management Measures

Straw bales, wattles or rip-rap will be placed at concentrated storm water discharge points to prevent erosion from high velocities until permanent ground cover is established. Permanent rip-rap will be placed at concentrated storm water discharge points at locations shown on the plans to prevent erosion from high runoff velocities. Silt fence will be placed as shown on the plans as a minimum and additionally as necessary to impede silt laden runoff from leaving the site.

Implementation Sequence

1. Install construction access road to project site.
2. Install sanitary facilities and trash containers.
3. Set up equipment and materials staging area if needed by the contractor for project.
4. Install silt fencing along the downstream boundary of any areas to be disturbed.
5. Begin clearing & grubbing and stripping operations.
6. Begin grading operations to get the project site to rough grade. Place additional temporary measures as required during the grading operations to control runoff. Utilize silt fencing until such time that ditches are shaped up and wattles can be installed as shown.
7. Begin utility installation – Includes storm drain and water distribution system. The water system may go in before or after roadway construction depending on the contractor's methods.
8. Begin roadway installation.
9. Install wattles as shown at storm drain culverts and roadside ditches.
10. Fine grade the remainder of the disturbed areas of the site.
11. Stabilize the project site with permanent seed and mulch and install any other permanent erosion control measures that may not be in place.
12. Remove all temporary erosion control measures in drainage basins once improvements required in the construction plans have been completed and areas disturbed during

installation of such has been stabilized within said basin with 90% vegetative cover. This includes but is not limited to temporary silt fencing, wattles, etc.

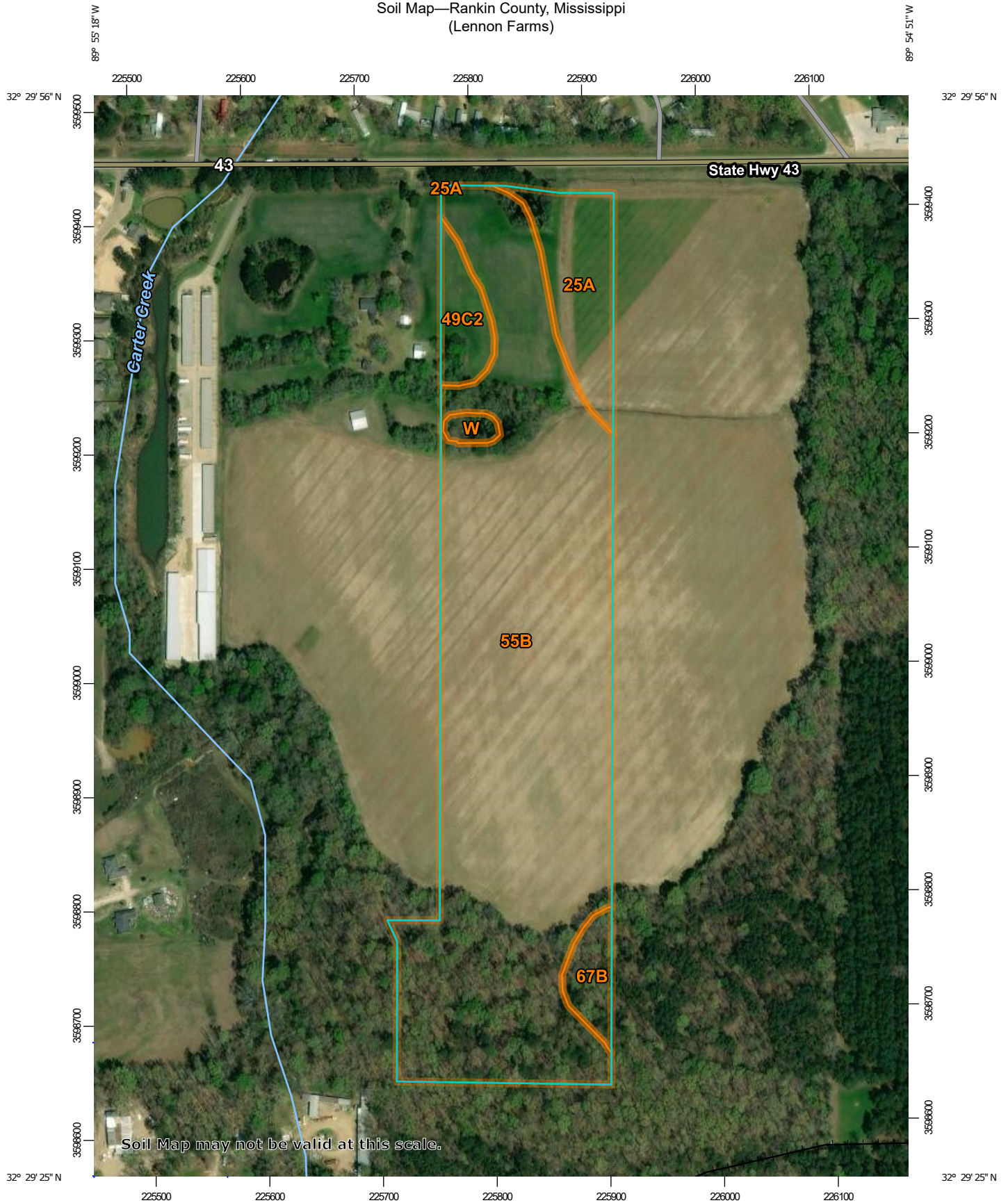
Controls for Individual Lots in Residential Developments:

For coverage of individual lots, the developer will furnish the Registration for Residential Lot Coverages application to buyers at the time of purchase. At that point, the lot owner will be responsible for erosion and sediment control of that lot.

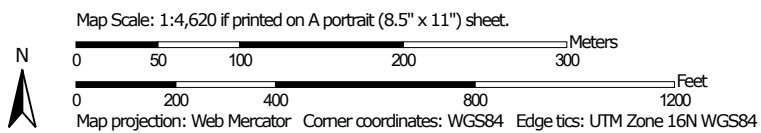
Maintenance Plan

Check all disturbed areas, erosion and sediment controls after each rainfall that produces a discharge, but not less than once per week. Make needed repairs within 24 hours or as soon as conditions allow. Remove sediment from the silt fences when accumulated sediment has reached ½ the height of the silt fence. Replace non-functional silt fence. Maintain all vegetated areas to provide proper ground cover – reseed, fertilize and mulch. Remove all temporary erosion control measures in drainage basin once improvements required in the construction plans have been completed and areas disturbed during installation of such has been stabilized within said basin with 90% vegetative cover.

Soil Map—Rankin County, Mississippi (Lennon Farms)



Soil Map may not be valid at this scale.



**Natural Resources
Conservation Service**


Web Soil Survey
National Cooperative Soil Survey

8/26/2021
Page 1 of 3


Soil Map—Rankin County, Mississippi
(Lennon Farms)

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

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: Rankin County, Mississippi

Survey Area Data: Version 16, Jun 3, 2020

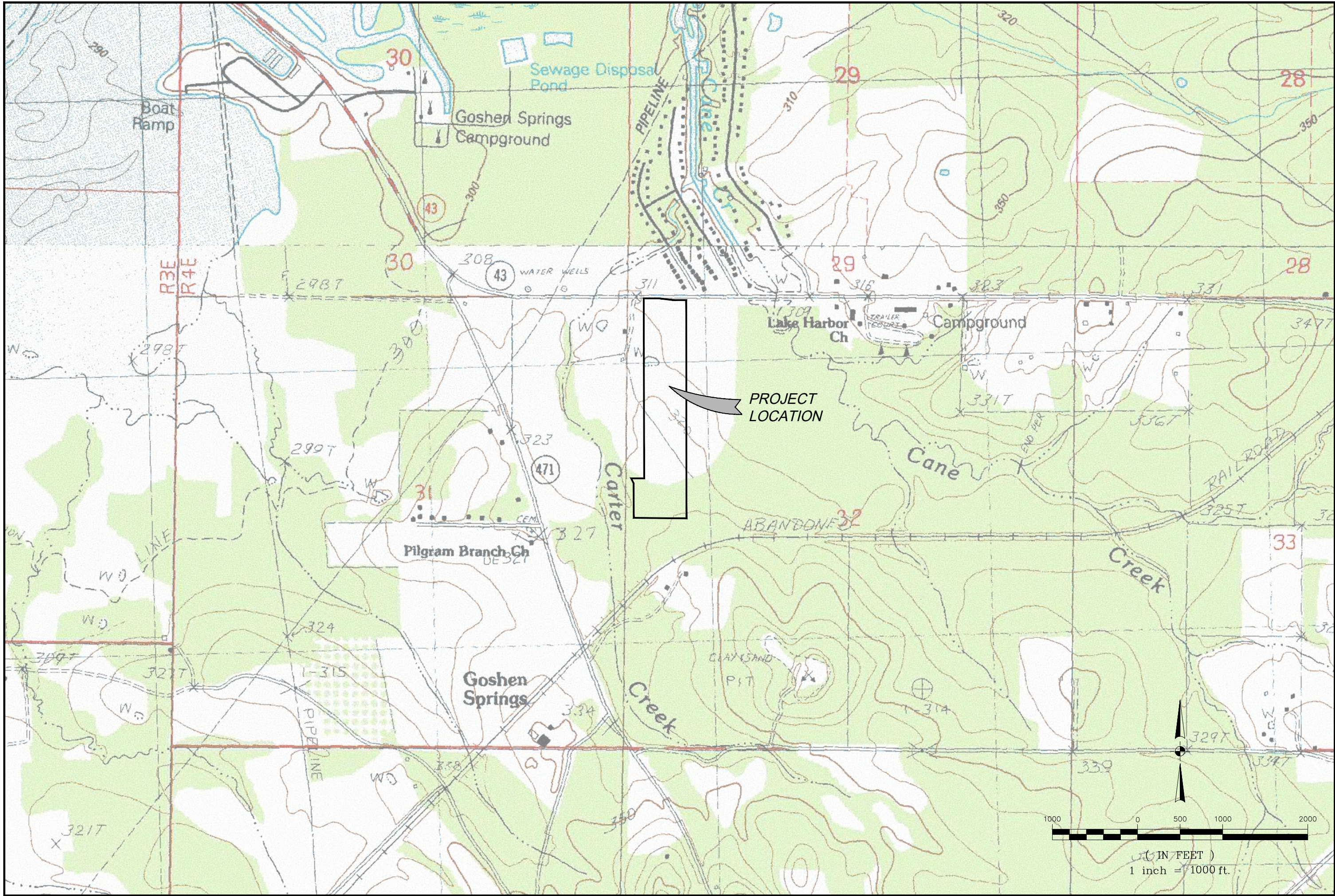
Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 18, 2017—Oct 23, 2017

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

Map Unit Legend

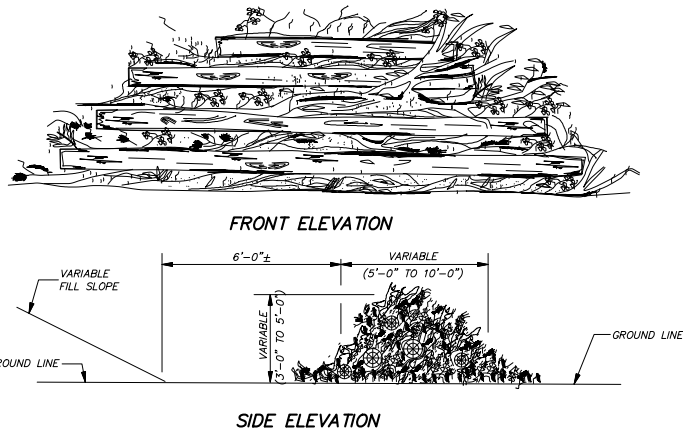
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
25A	Quitman loam, 0 to 2 percent slopes	2.7	8.7%
49C2	Savannah loam, 5 to 8 percent slopes, moderately eroded	1.2	3.8%
55B	Kipling silt loam, 2 to 5 percent slopes	25.7	83.7%
67B	Kipling-Falkner association, undulating	0.9	2.9%
W	Water	0.3	0.9%
Totals for Area of Interest		30.7	100.0%



Species	Seeding Rate/Ac	Planting Time	Desired pH Range	Fertilization Rate/Ac	Method of Establishing
Common Bermuda	15 lbs. alone 10 lbs. mixture	Mar 1 - July 15 Sept 1 - Nov 30	6.0 - 7.0	600 lbs. 13-13-13	Seed
Bahia	40 lbs. alone 30 lbs. mixture	Mar 1 - July 15 Sept 1 - Nov 30	6.0 - 7.0	600 lbs. 13-13-13	Seed
Fescue	40 lbs. alone 30 lbs. mixture	Sept 1 - Nov 30	6.0 - 7.0	600 lbs. 13-13-13	Seed
Sericea Lespedeza	40 lbs. alone	Mar 1 - July 15 Sept 1 - Nov 30	6.0 - 7.0	400 lbs. 6-24-24	Seed
*Wheat	90 lbs.	Sept 1 - Nov 30	6.0 - 7.0	600 lbs. 13-13-13	Seed
*Ryegrass	30 lbs.	Sept 1 - Nov 30	6.0 - 7.0	600 lbs. 13-13-13	Seed
*White Clover	5 lbs.	Sept 1 - Nov 30	6.0 - 7.0	400 lbs. 6-24-24	Seed
*Crimson Clover	15 lbs.	Sept 1 - Nov 30	6.0 - 7.0	400 lbs. 6-24-24	Seed
*Hairy Vetch	30 lbs.	Sept 1 - Nov 30	6.0 - 7.0	400 lbs. 6-24-24	Seed
*Browntop Millet	40 lbs. alone 15 lbs. mixture	Apr 1 - Aug 30	6.0 - 7.0	600 lbs. 13-13-13	Seed
*ANNUAL					

NOTES:
1. FOR PERMANENT SEEDING, ANNUALS CAN ONLY BE USED IN A MIXTURE WITH PERENNIALS.
2. SPECIES THAT ARE TO BE SPREAD AS SOLID SOD ARE NOT LISTED (i.e. ST. AUGUSTINE, CENTPEDE, CARPET GRASS, & ZOYSIA)
3. DURING THE MONTHS OF DECEMBER THROUGH FEBRUARY MULCHING IS THE ONLY OPTION ALLOWED.

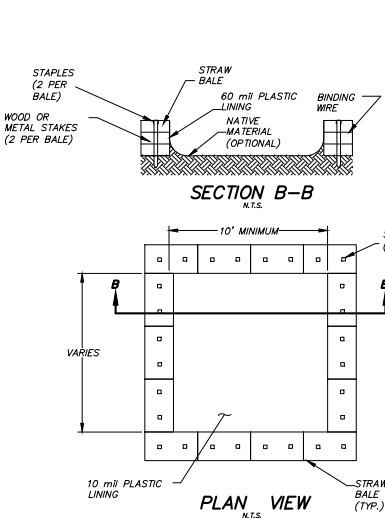
GENERAL RECOMMENDATIONS FOR TEMPORARY/PERMANENT SEEDING



NOTES:

- BRUSH BARRIER TO BE USED WHERE NATURAL GROUND COVER IS LEVEL OR SLOPING AWAY FROM PROJECT.
- PLACE BRUSH, LOG AND TREE LAPS APPROXIMATELY PARALLEL TO TOE OF FILL SLOPE WITH SOME OF THE HEAVIER MATERIALS BEING PLACED ON TOP TO PROPERLY SECURE THE BARRIER AS DETAILED AT LOCATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
- TO ALLOW WATER TO FLOW THROUGH THE BRUSH BARRIER, INTERMINGLE THE BRUSH, LOG AND TREE LAPS SO AS NOT TO FROM A SOLID DAM.

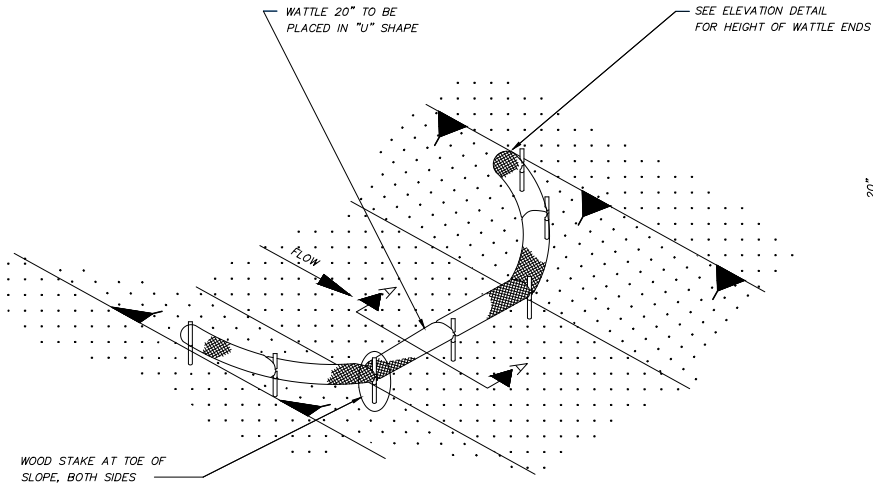
TEMPORARY BRUSH BARRIER
N.T.S.



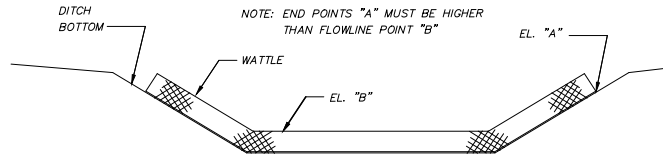
STRAW BALE CONCRETE WASHOUT AREA
N.T.S.

NOTES:

- LOCATION TO BE DETERMINED BY CONTRACTOR AND APPROVED BY THE ENGINEER OR ENGINEER'S REPRESENTATIVE.
- IF CONCRETE WASHOUT AREA EXHIBITS LEAKAGE OR PROVES TO BE INADEQUATE FOR ITS INTENDED PURPOSE, THE CONTRACTOR SHALL IMMEDIATELY REPAIR OR REPLACE.
- IF REQUIRED BY ENGINEER OR C.O.J., AREAS IMMEDIATELY DOWNSTREAM/DOWNSLOPE SHALL INCLUDE A SECONDARY STORMWATER RUNOFF POLLUTION PREVENTION MEASURE.
- MAINTENANCE SHALL BE IN ACCORDANCE WITH THE APPROVED STORMWATER MANAGEMENT PLAN.



DETAIL (DITCH CHECK)



ELEVATION DETAIL

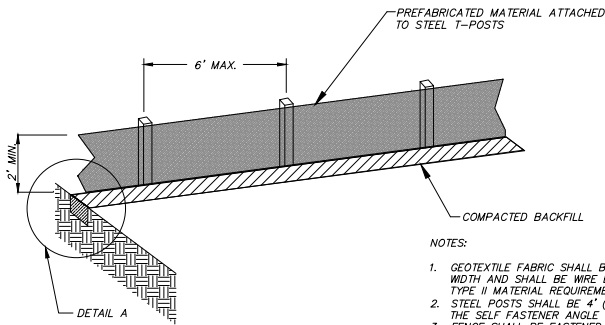
NOTES:

- MINIMUM RECOMMENDED PLACEMENT INTERVAL BETWEEN WATTLE DITCH CHECK IS 100' UNLESS SHOWN OTHERWISE ON THE PLANS OR EROSION CONTROL PLAN APPROVED BY THE ENGINEER. SEE SPACING GUIDANCE ON ECD-4
- ANCHORING WOOD STAKES SHALL BE SIZED, SPACED, DRIVEN, AND BE OF A MATERIAL THAT EFFECTIVELY SECURES THE CHECK. STAKE SPACING SHALL BE A MAXIMUM OF THREE FEET. ALL NON-DEGRADABLE MATERIALS SHALL BE REMOVED WHEN NO LONGER NEEDED.
- TRENCHING OF WATTLES MAY BE NECESSARY IF PIPING BECOMES EVIDENT.
- WATTLES SHOULD NOT BE USED IN HARD BOTTOM CHANNELS.

WATTLE DITCH CHECK SELECTION GUIDELINES

WATTLE DITCH CHECKS ARE APPROPRIATE FOR VELOCITY REDUCTION AND CONTROL OF SEDIMENT TRANSPORT UNDER LOW TO MEDIUM FLOW CONDITIONS.

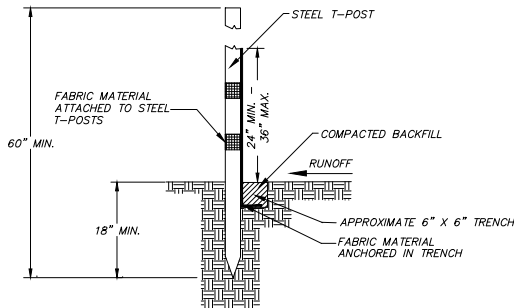
WATTLE DITCH CHECK



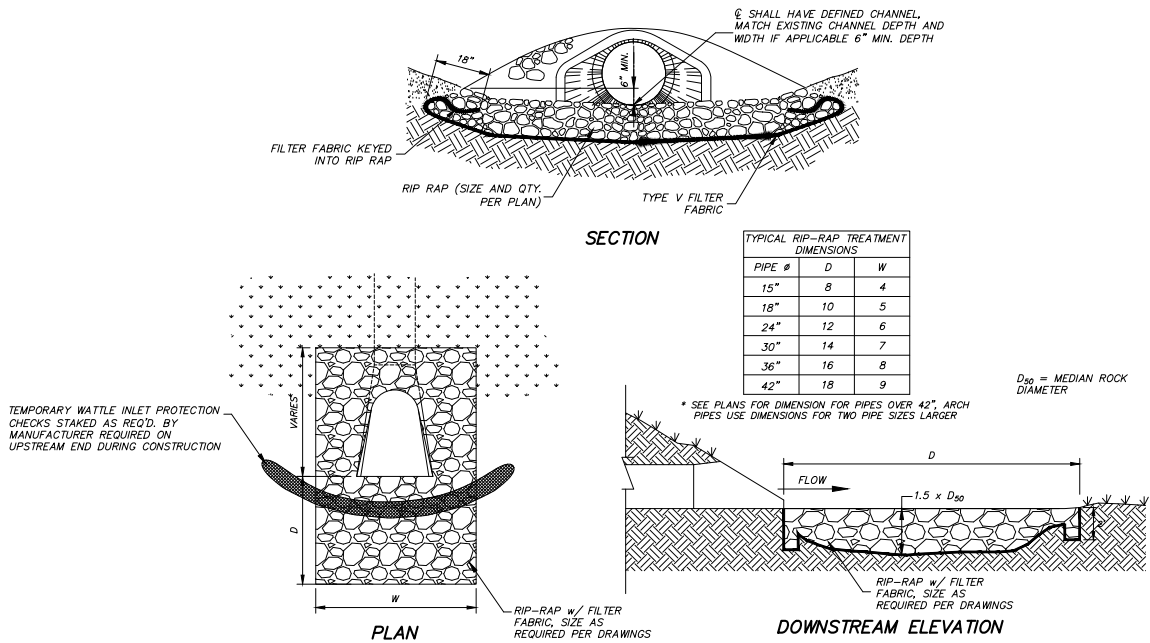
SILT FENCE DETAIL

NOTES:

- GEOTEXTILE FABRIC SHALL BE A MINIMUM OF 36" IN WIDTH AND SHALL BE WIRE BACKED OR MEET MDOT TYPE II MATERIAL REQUIREMENTS.
- STEEL POSTS SHALL BE 4" (MIN.) IN HEIGHT AND OF THE SELF-FASTENER ANGLE STEEL TYPE.
- FENCE SHALL BE FASTENED WITH NOT LESS THAN 9 GAGE STAPLES 1" LONG FOR WOODEN POSTS AND 3/4" FOR WOODEN STAKES.
- ALLOW A 6" OVERLAP OF FABRIC AT JOINTS.
- ADD WEIGHTED/STAKED WATTLES AS REQ'D/DIRECTED.



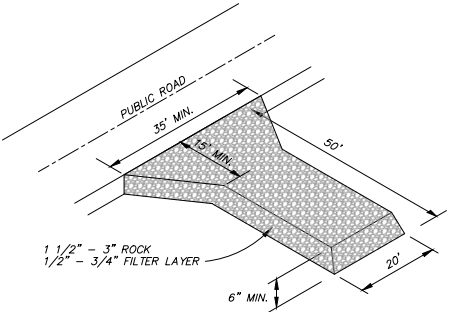
SILT FENCE DETAILS



NOTES:

- RIP-RAP TREATMENT REQUIRED AT ALL CULVERTS UPSTREAM AND DOWNSTREAM ENDS.
- RIP-RAP TREATMENT ON UPSTREAM AND DOWNSTREAM ENDS SHALL TOTALLY SURROUND CULVERT TO A MINIMUM OF 12" ABOVE THE TOP OF THE PIPE.
- SEE CHART FOR DIMENSIONS FOR D & W UNLESS OTHERWISE SHOWN ON THE DRAWINGS.
- RIP-RAP WILL BE PAID FOR BY THE SQUARE YARD.
- RIP-RAP DIMENSIONS SHOWN ON THE SCHEDULE ARE TYPICAL AND MAY BE FIELD ADJUSTED BY ENGINEER. ANY CHANGE IN QUANTITY RESULTING FROM FIELD ADJUSTMENT WILL BE PAID PER SQUARE YARD AT CONTRACT UNIT PRICE.

CULVERT RIP-RAP OUTLET PROTECTION



NOTES:

- VEHICLE TRACKING MAT SHALL BE LOCATED AT EVERY ENTRANCE/EXIT TO THE CONSTRUCTION SITE.
- VEHICLE TRACKING MAT SHALL BE MAINTAINED BY CONTRACTOR AS NEEDED TO PREVENT ANY MATERIAL FROM BEING TRACKED ONTO CITY STREET.
- SEDIMENT AND OTHER MATERIAL SPILLED, DROPPED OR TRACKED ONTO CITY STREET SHALL BE IMMEDIATELY REMOVED BY CONTRACTOR.
- DIMENSIONS SHOWN ABOVE ARE TYPICAL IF CONDITIONS ALLOW. ANY REVISIONS TO DIMENSIONS SHALL BE APPROVED BY ENGINEER PRIOR TO INSTALLATION.

TEMPORARY CONSTRUCTION ENTRANCE DETAIL

REVISIONS:				
DATE:	10/29/21	DRAWN:	JHB	
CHECKED:	GAB	SCALE:		
REF:	C/L			
EG SURFACE:				
FG SURFACE:				

PROJECT LOCATION:	MS HIGHWAY 43 RANKIN COUNTY, MS
CLIENT:	S&S BUILDERS OF MS, INC. 1940 FLORENCE BYRAM RD, FLORENCE, MS 39073

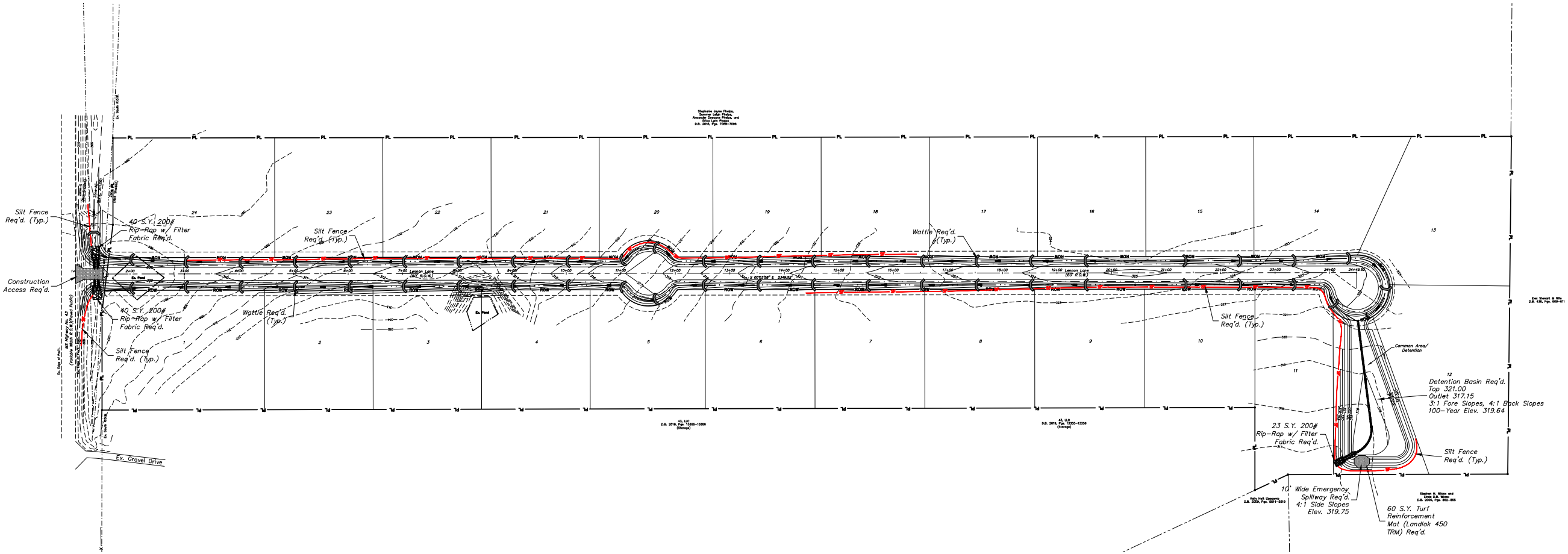
PROJECT:	LENNON FARMS
SHEET CONTENTS:	EROSION CONTROL DETAILS

DATE: 10/29/21	DRAWN: JHB
CHECKED: GAB	SCALE: T=50'
REF: C/L	CLIENT: S&S BUILDERS OF MS, INC.
EG SURFACE:	FS SURFACE:

PROJECT LOCATION:	MS HIGHWAY 43 RANKIN COUNTY, MS
CLIENT:	S&S BUILDERS OF MS, INC. 1940 FLORENCE BYRAM RD, FLORENCE, MS 39073

PROJECT:	LENNON FARMS
SHEET CONTENTS:	EROSION CONTROL LAYOUT

SHEET NUMBER	6 of 11
PROJECT NUMBER	B-8720



CONSTRUCTION & EROSION CONTROL SEQUENCE SCHEDULE

THE SCHEDULE LAID OUT BELOW IS TO PROVIDE CLARIFICATION TO THE CONTRACTOR ON THE INTENDED ORDER OF CONSTRUCTION IN CONJUNCTION WITH THE REQUIRED EROSION CONTROL MEASURES OF THIS PROJECT AS SHOWN ON THE CONSTRUCTION PLANS AND OTHER CONTRACT DOCUMENTS.

1. INSTALL CONSTRUCTION ACCESS ROAD TO PROJECT SITE.
2. INSTALL SANITARY FACILITIES AND TRASH CONTAINERS.
3. SET UP EQUIPMENT AND MATERIALS STAGING AREA IF NEEDED BY THE CONTRACTOR FOR PROJECT.
4. INSTALL SILT FENCING ALONG THE DOWNSTREAM BOUNDARY OF ANY AREAS TO BE DISTURBED.
5. BEGIN CLEARING & GRUBBING AND STRIPPING OPERATIONS.
6. BEGIN GRADING OPERATIONS TO GET THE PROJECT SITE TO ROUGH GRADE. PLACE ADDITIONAL TEMPORARY MEASURES AS REQUIRED DURING THE GRADING OPERATIONS TO CONTROL RUNOFF. UTILIZE SILT FENCING UNTIL SUCH TIME THAT DITCHES ARE SHAPED AND WATTLES CAN BE INSTALLED AS SHOWN.
7. BEGIN UTILITY INSTALLATION - INCLUDES STORM DRAIN AND WATER DISTRIBUTION SYSTEM. THE WATER SYSTEM MAY GO IN BEFORE OR AFTER ROADWAY CONSTRUCTION DEPENDING ON THE CONTRACTOR'S METHODS.
8. BEGIN ROADWAY INSTALLATION.
9. INSTALL WATTLES AS SHOWN AT STORM DRAIN CULVERTS AND ROADSIDE DITCHES.
10. FINE GRADE THE REMAINDER OF THE DISTURBED AREAS OF THE SITE.
11. STABILIZE THE PROJECT SITE WITH PERMANENT SEED & MULCH AND INSTALL ANY OTHER PERMANENT EROSION CONTROL MEASURES THAT MAY NOT BE IN PLACE.
12. REMOVE ALL TEMPORARY EROSION CONTROL MEASURES IN DRAINAGE BASINS ONCE IMPROVEMENTS REQUIRED IN THESE PLANS HAVE BEEN COMPLETED AND AREAS DISTURBED DURING INSTALLATION OF SUCH HAS BEEN STABILIZED WITHIN SAID BASIN WITH 90% VEGETATIVE COVER. THIS INCLUDES BUT IS NOT LIMITED TO TEMPORARY SILT FENCING, WATTLES, ETC.

EROSION CONTROL NOTES:

1. "TEMPORARY EROSION CONTROL" PAY ITEM INCLUDES ALL ITEMS SHOWN ON THE CONTRACT DRAWINGS AND ALL ITEMS REQUIRED TO STAY IN COMPLIANCE WITH THE REQUIREMENTS OF THE RANKIN COUNTY AND THE MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY (MDEQ).
2. EROSION CONTROL ITEMS DEPICTED ON THE CONTRACT DRAWINGS ARE THE MINIMUM REQUIREMENTS. CONTRACTOR IS RESPONSIBLE TO INSTALL ADDITIONAL ITEMS AS NEEDED TO MEET ABOVE MENTIONED REQUIREMENTS.
3. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO CONTROL EROSION AND STORM WATER POLLUTION THROUGHOUT THE CONSTRUCTION PERIOD IN ACCORDANCE WITH THE REQUIREMENTS OF THE MDEQ. THIS INCLUDES BUT IS NOT LIMITED TO PROPER INSTALLATION AND MAINTENANCE OF ALL TEMPORARY AND PERMANENT MEASURES, INSPECTIONS, INSPECTION REPORTS, AND UPDATES TO EROSION CONTROL PLAN SHOWING FAILURES, REPAIRS AND ADDITIONAL MEASURES TAKEN.
4. SEE CONSTRUCTION SEQUENCE SCHEDULE FOR REQUIRED IMPLEMENTATION SEQUENCE OF EROSION CONTROL MEASURES. AS NOTED IN OTHER LOCATIONS, ADDITIONAL MEASURES SHALL BE ADDED AS REQUIRED DURING CONSTRUCTION.
5. ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE IN PLACE BEFORE ANY CONSTRUCTION ACTIVITIES BEGIN.
6. CLEARING AND GRUBBING SHALL BE HELD TO THE MINIMUM WIDTH NECESSARY TO ACCOMMODATE IMPROVEMENTS.
7. EMBANKMENTS AND EXCAVATED AREAS SHALL BE PROMPTLY STABILIZED TO MINIMIZE EROSION.
8. ALL RIP-RAP SHALL BE UNDERLAIN WITH TYPE V FILTER FABRIC.
9. WATTLE EROSION CHECKS, SILT FENCING OR OTHER APPROVED BMPs SHALL BE USED ALONG THE TOE OF FILL SLOPES, IN DITCHES, AND IN OTHER AREAS WHERE EROSION IS A PROBLEM AND SILT LADEN RUNOFF MAY ENTER A STREAM, DITCH OR ADJACENT PROPERTY.
10. ANY STOCKPILED SOIL OR FILL MATERIAL SHALL BE LOCATED AND TREATED IN A MANNER TO PREVENT SILT FROM ENTERING STREAMS, DITCHES OR ADJACENT PROPERTY. NO EXCAVATED MATERIAL SHALL BE DISCHARGED FROM THE CONSTRUCTION LIMITS. THE CONTRACTOR SHALL DISPOSE OF ALL EXCAVATED MATERIAL IN A LOCATION APPROVED BY THE ENGINEER.
11. ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CONTINUALLY MAINTAINED. THE CONTRACTOR SHALL KEEP ALL AREAS ADJACENT TO THE LIMITS OF CONSTRUCTION FREE OF MUD AND DEBRIS.
12. CONTRACTOR SHALL COMPLY WITH THE EROSION CONTROL REQUIREMENTS OF RANKIN COUNTY AND THE REQUIREMENTS OF THE MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY.
13. CONTRACTOR TO UTILIZE APPROVED BEST MANAGEMENT PRACTICES FOR EROSION AND SEDIMENT CONTROL.
14. ALL DISTURBED AREAS NOT PAVED SHALL BE SEED, MULCHED, FERTILIZED AND WATERED AS REQUIRED TO PREVENT EROSION.
15. ALL EROSION CONTROL DEVICES SHALL REMAIN IN PLACE UNTIL THE DISTURBED UPSTREAM AREA HAS BEEN INSPECTED BY THE ENGINEER AND APPROVAL HAS BEEN GIVEN FOR REMOVAL.
16. CONTRACTOR WILL PROVIDE A STORAGE AREA FOR ALL POTENTIALLY TOXIC MATERIALS THAT ARE TO BE STORED ON SITE. THE LOCATION OF THIS AREA SHALL BE COORDINATED WITH THE ENGINEER/RANKIN COUNTY.
17. FUEL AND MATERIAL STORAGE AREAS SHALL BE LOCATED AS FAR AWAY FROM ANY DITCHES OR STREAMS AS POSSIBLE. A 60MIL POLYETHYLENE LINER IS REQUIRED UNDER FUEL TANKS.
18. CONTRACTOR WILL BE RESPONSIBLE FOR ANY REPAIRS OR REPLACEMENT REQUIRED TO RESTORE AREAS TO THEIR ORIGINAL CONDITION WHERE EROSION CONTROL MEASURES FAILED.
19. IT IS THE CONTRACTOR'S RESPONSIBILITY TO STABILIZE THE PROJECT SITE WITH 90% VEGETATIVE COVER. THE CONTRACTOR SHALL RE-SEED, FERTILIZE, WATER, OR ANY OTHER MEASURES REQUIRES AS MANY TIMES AS NECESSARY TO ACHIEVE SUCH AND SHALL BE AN ABSORBED COST. SEE SECTION 02931 "ESTABLISHMENT OF VEGETATION" OF THE SPECIFICATIONS FOR OTHER MAINTENANCE REQUIREMENTS.

