



MISSISSIPPI DEPARTMENT OF
ENVIRONMENTAL QUALITY

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

INSTRUCTIONS

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

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

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

Submittals with this LCNOI must include:

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

Additional submittals may include the following, if applicable:

- Appropriate Section 404 documentation from U.S. Army Corps of Engineers
- Appropriate documentation concerning future disposal of sanitary sewage and sewage collection system construction
- Appropriate documentation from the MDEQ Office of Land & Water concerning dam construction and low flow requirements
- Approval from County Utility Authority in Hancock, Harrison, Jackson, Pearl River and Stone Counties

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

NEAREST NAMED RECEIVING STREAM: _____

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):

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 OF ANY KIND? (If yes, contact the U.S. Army Corps of Engineers' Regulatory Branch for permitting requirements.) YES NO

IF THE PROJECT REQUIRES A CORPS OF ENGINEER SECTION 404 PERMIT, PROVIDE APPROPRIATE DOCUMENTATION THAT:

- The project has been approved by individual permit, or
- The work will be covered by a nationwide permit and NO NOTIFICATION to the Corps is required, or
- The work will be covered by a nationwide or general permit and NOTIFICATION to the Corps is required

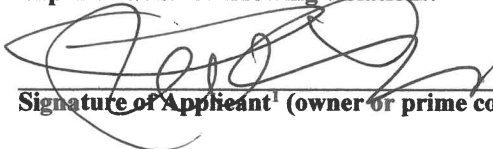
IS A LAKE REQUIRING THE CONSTRUCTION OF A DAM BEING PROPOSED? YES NO
(If yes, provide appropriate approval documentation from MDEQ Office of Land and Water, Dam Safety.)

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:

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


Signature of Applicant¹ (owner or prime contractor)

4/6/2020
Date Signed

Oswald Rendon-Herrero
Printed Name¹

Board Secretary
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

STORM WATER POLLUTION PREVENTION PLAN
Project No. 215045
Oktibbeha County, MS

SITE INFORMATION

The project consists of construction of force mains, gravity sewer mains, pump stations, and individual grinder pump stations. The site is adjacent to Sand Creek and Ash Creek and various unnamed tributaries to each.

SEDIMENT AND EROSION CONTROL REQUIREMENTS

Vegetative controls - permanent erosion controls include soil preparation, seeding and mulching all disturbed areas. Any disturbed areas laid up for over fourteen (14) days will be temporarily or permanently seeded immediately unless otherwise directed by the engineer at no additional cost to the project.

Structural controls include silt fences. Refer to MS Dept. of Transportation "Typical Temporary Erosion Control Measures" Drawing No. TEC-1.

PROHIBITED NON-STORM WATER DISCHARGES

- (A) Wastewater from washout of concrete (unless managed by an appropriate control)
- (B) Wastewater from washout and cleanout of stucco, paint, form release oils, curing compounds and other construction materials
- (C) Fuels, oils, or other pollutants used in vehicle and equipment operation and maintenance
- (D) Soaps or solvents used in vehicle and equipment washing
- (E) Wastewater from sanitary facilities, including portable toilets
- (F) Dewatering activities, including discharges from dewatering of trenches and excavations unless managed by BMPs.

ZONES

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 by additional erosion and sediment controls which in combination achieves the sediment load reduction equivalent to a 50-foot undisturbed natural buffer. Direct storm water to vegetated areas and maximize storm water infiltration to reduce pollutant discharges.

HOUSE KEEPING PRACTICES

The contractor is reminded of his responsibilities as outlined in the specifications which include equipment management, maintenance and repair, concrete chute wash off, trash, storage of chemicals and other toxic materials and sanitary facilities.

The contractor is responsible for sweeping or removal of sediment and other debris that has been tracked from the site or deposited from the site onto streets and other paved surfaces.

Storm water pollution prevention best management practice techniques are to be applied throughout the construction of this project, the cost of which is to be included in regular bid items.

POST CONSTRUCTION CONTROL MEASURES

All disturbed areas will be permanently seeded.

IMPLEMENTATION SEQUENCE

The site will be cleared first to allow vehicular and equipment access. Silt fence will be installed after clearing and grubbing of each of the pump station sites. Permanent erosion control measures should be placed as construction progresses and immediately after substantial completion of grade and drain operations.

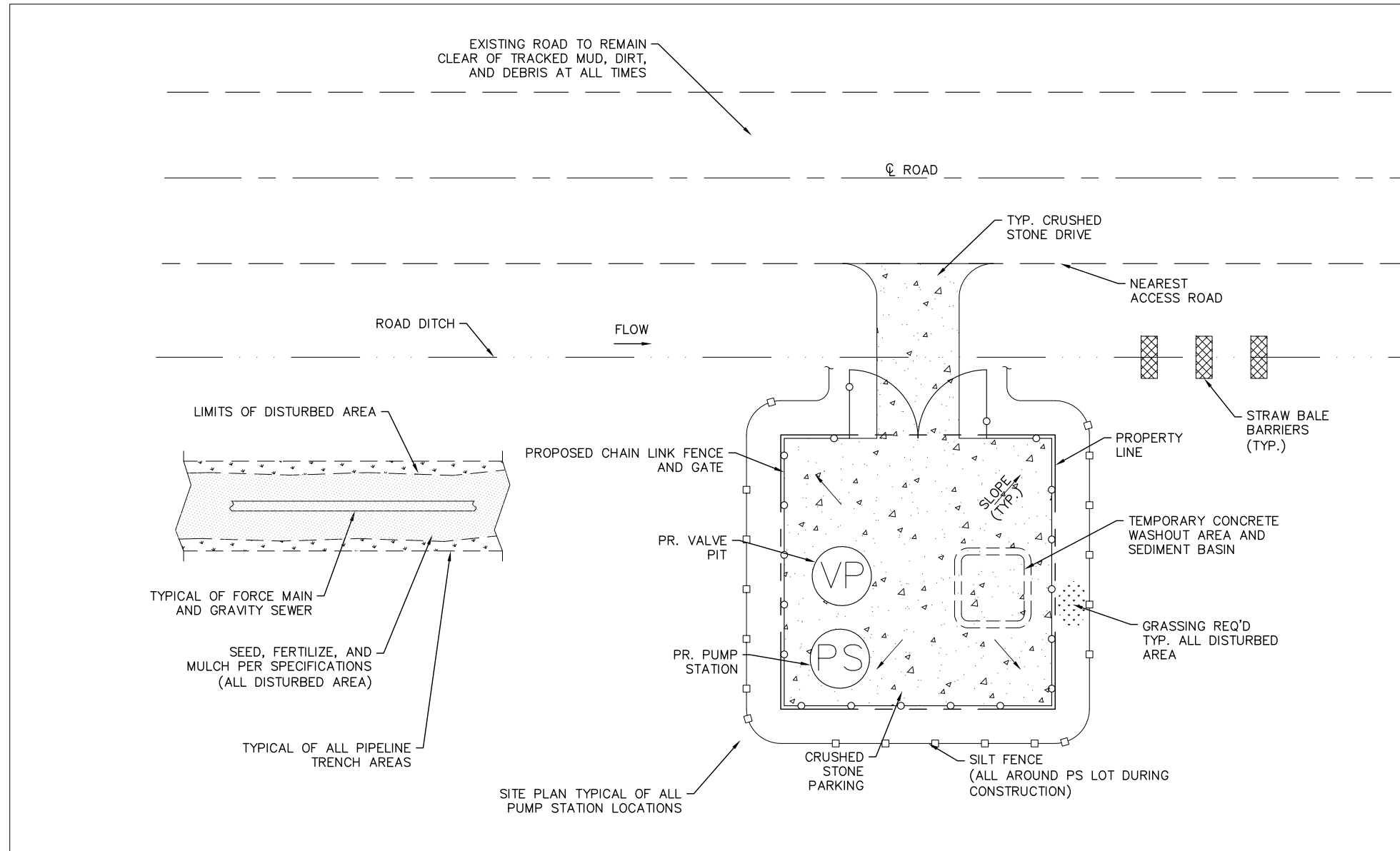
MAINTENANCE PLAN

The contractor and engineer will inspect all disturbed areas, erosion and sediment controls after each significant rainfall but not less than once per week and record the results of this inspection on the "Monthly Inspection Report and Certification Form for Erosion and Sediment Controls" included in the permit. The monthly inspection reports and this SWPPP will be available for inspection during construction, and submitted to MDEQ with the Notice of Termination as required.

The contractor shall make needed repairs to installed erosion control items weekly and after each significant rainfall as necessary. This included, but is not limited to, removing sediment, repairing, reinstalling, or replacing silt fence, hay bales, or other temporary erosion control measures, repairing washes, ditches, or other permanent erosion control devices.

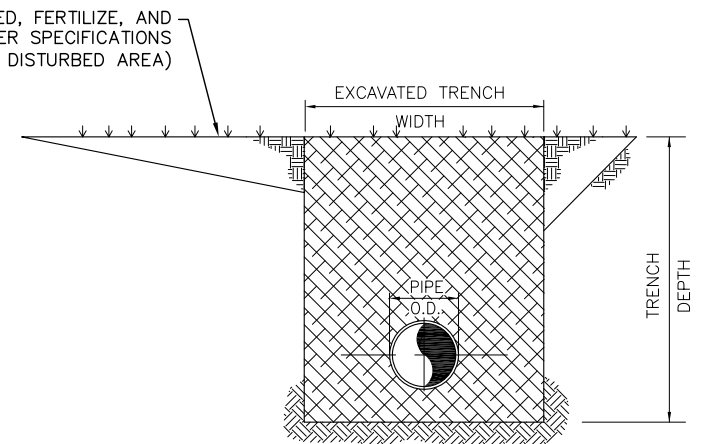
Except for sediment basins, all accumulated sediment shall be removed from structural controls when sediment deposits reach one-third to one-half the height of the control. For sediment basins, accumulated sediment shall be removed when the capacity has been reduced by 50%. Non-functioning controls shall be repaired, replaced or supplemented with functional controls within twenty-four (24) hours of discovery or as soon as field conditions allow.

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TYPICAL EROSION CONTROL PLAN

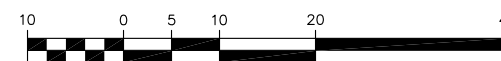
SCALE: 1" = 10'



TYPICAL PIPELINE TRENCH SECTION EROSION CONTROL PLAN

(NO SCALE)

LEGEND	
PROPERTY LINE	---
EXISTING CONTOUR	---
PROPOSED CONTOUR	---300---
EXISTING DITCH	----
EXISTING RAILROAD	+++++
EX. CUSTOMER	□
PR. CUSTOMER	□
ELECTRIC LINE	—E—
EXISTING FORCE MAIN	—FM—
PROPOSED FORCE MAIN	—PF—
EXISTING SEWER MAIN	—S—
PROPOSED SEWER MAIN	—PS—
PROPOSED VALVE	⊗
EXISTING VALVE	⊗
EXISTING MANHOLE	⊕
PROPOSED MANHOLE	⊕

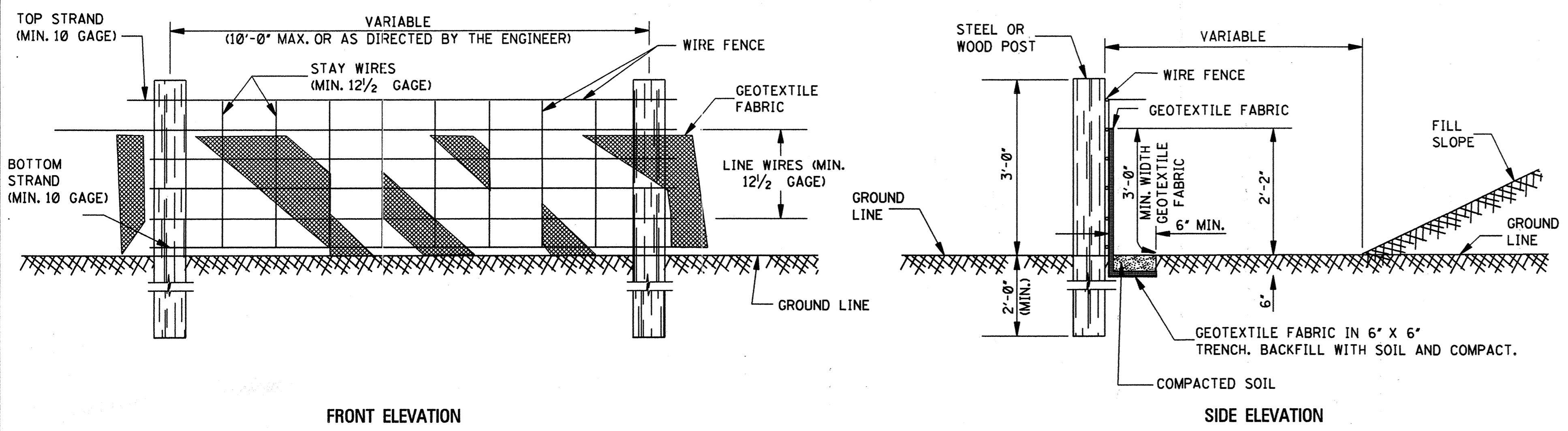


GRAPHIC SCALE (IN FEET)

NOTES:

1. ALL AREA WITHIN PROPOSED LIMITS SHALL BE CLEARED PER SPECIFICATIONS.
2. TOPSOIL SHALL BE STRIPPED FROM THE AREAS TO BE DISTURBED AND STOCKPILED FOR USE IN DRESSING OUT SLOPES BEFORE SEEDING.
3. CONTRACTOR SHALL RESTORE ALL DAMAGED AREAS AND STRUCTURES EQUAL TO OR BETTER THAN CONDITIONS EXISTING PRIOR TO THE START OF CONSTRUCTION. ALL DISTURBED GROUND AREAS SHALL BE FERTILIZED, SEEDED, AND MULCHED PER MS. STANDARD SPECIFICATIONS FOR STATE AID ROAD AND BRIDGE CONSTRUCTION (2004).

NO.	DATE	DESCRIPTION	BY	CKD
CALVERT - SPRADLING ENGINEERS, INC. Consulting Engineers P. O. Drawer 1078 • Phone (662) 494-7101 West Point, Mississippi 39773		PROPOSED STORM WATER POLLUTION PREVENTION PLAN		
EAST OKTIBBEHA WASTEWATER DISTRICT OKTIBBEHA COUNTY, MS		DESIGNED/SURVEYED BY: _____	SHEET NO.	
		DRAWN BY: MTF	NO.	
		CHECKED BY: SJS	SWPPP	
		DATE: 01-15-2020		

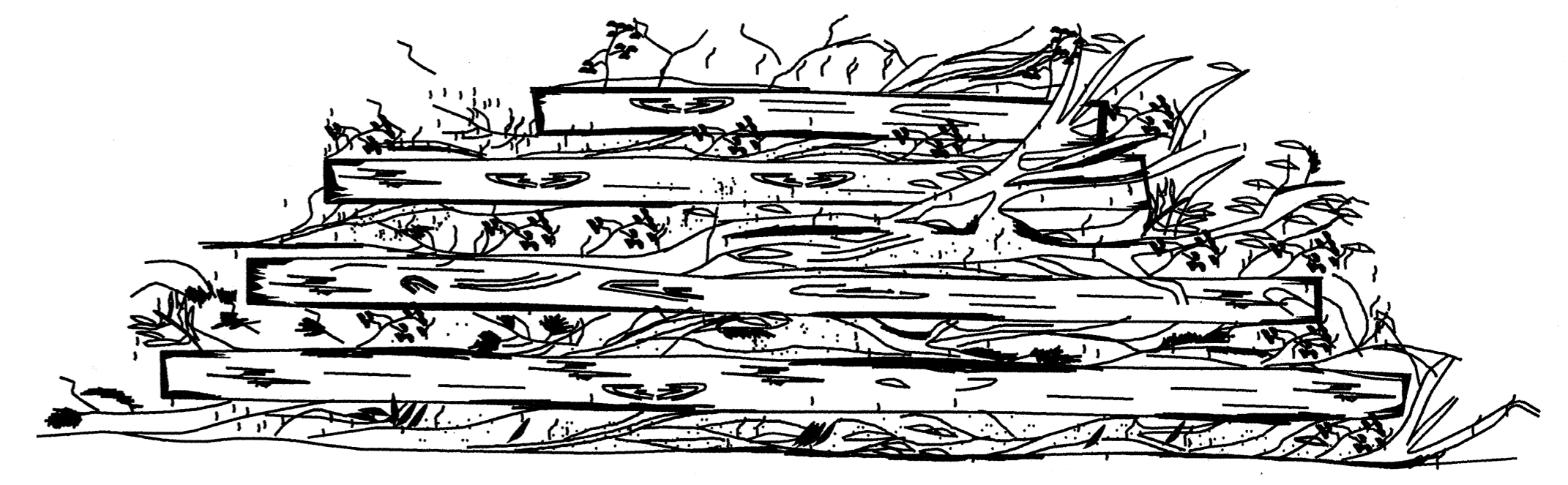


FRONT ELEVATION

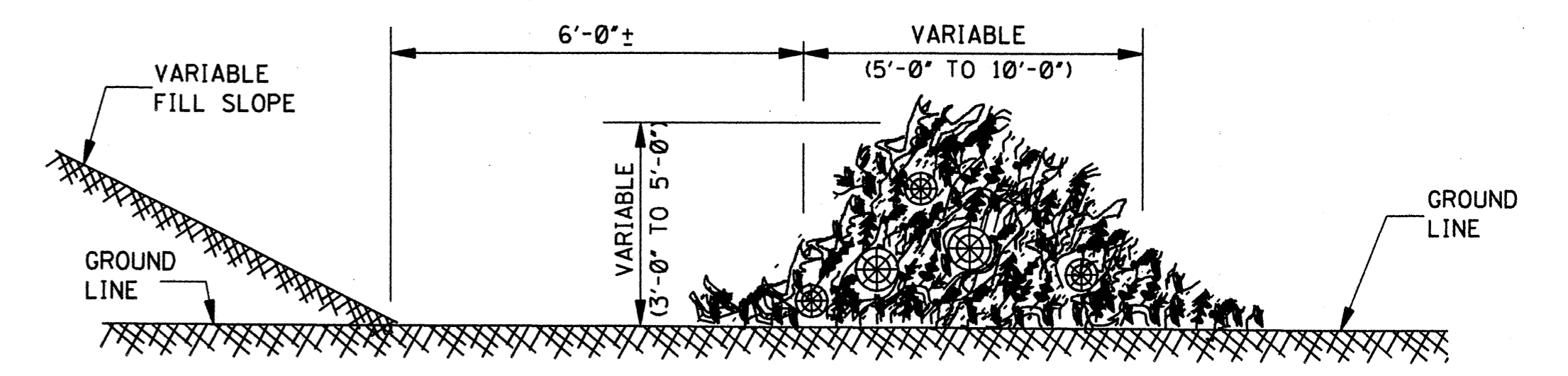
SIDE ELEVATION

TEMPORARY 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.



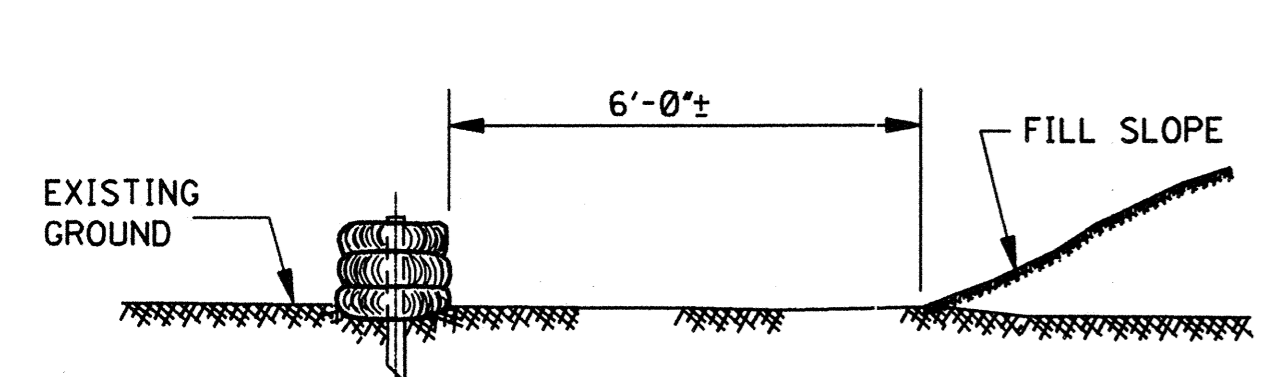
FRONT ELEVATION



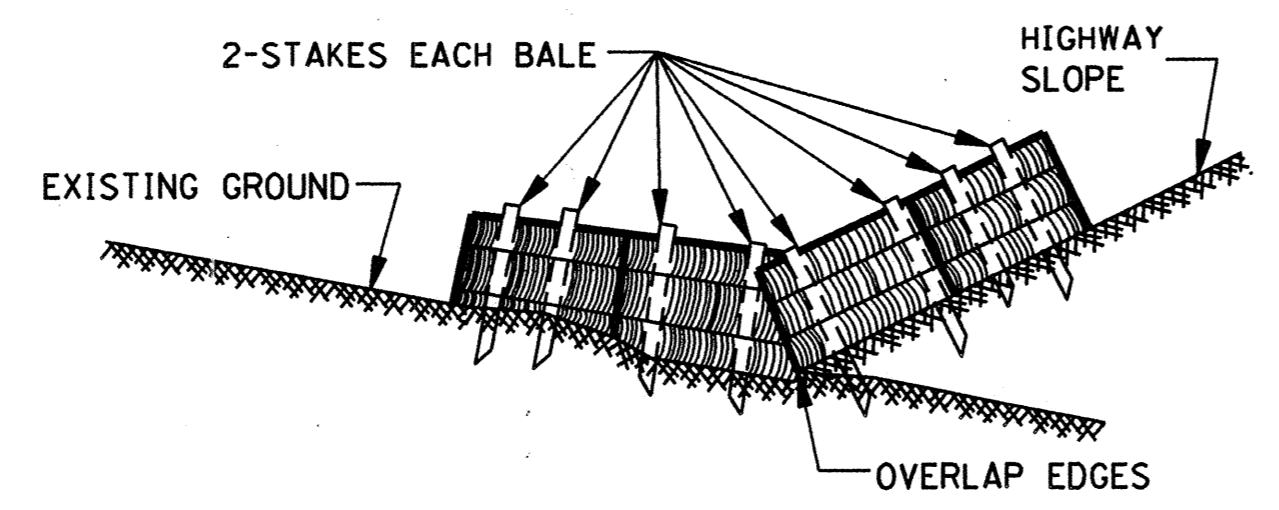
SIDE ELEVATION

TEMPORARY BRUSH BARRIER

- NOTES:
1. BRUSH BARRIER TO BE USED WHERE NATURAL GROUND IS LEVEL OR SLOPING AWAY FROM PROJECT.
 2. 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 PLANS OR AS DIRECTED BY THE ENGINEER.
 3. TO ALLOW WATER TO FLOW THROUGH BRUSH BARRIER, INTERMINGLE THE BRUSH, LOG AND TREE LAPS SO AS NOT TO FORM A SOLID DAM.

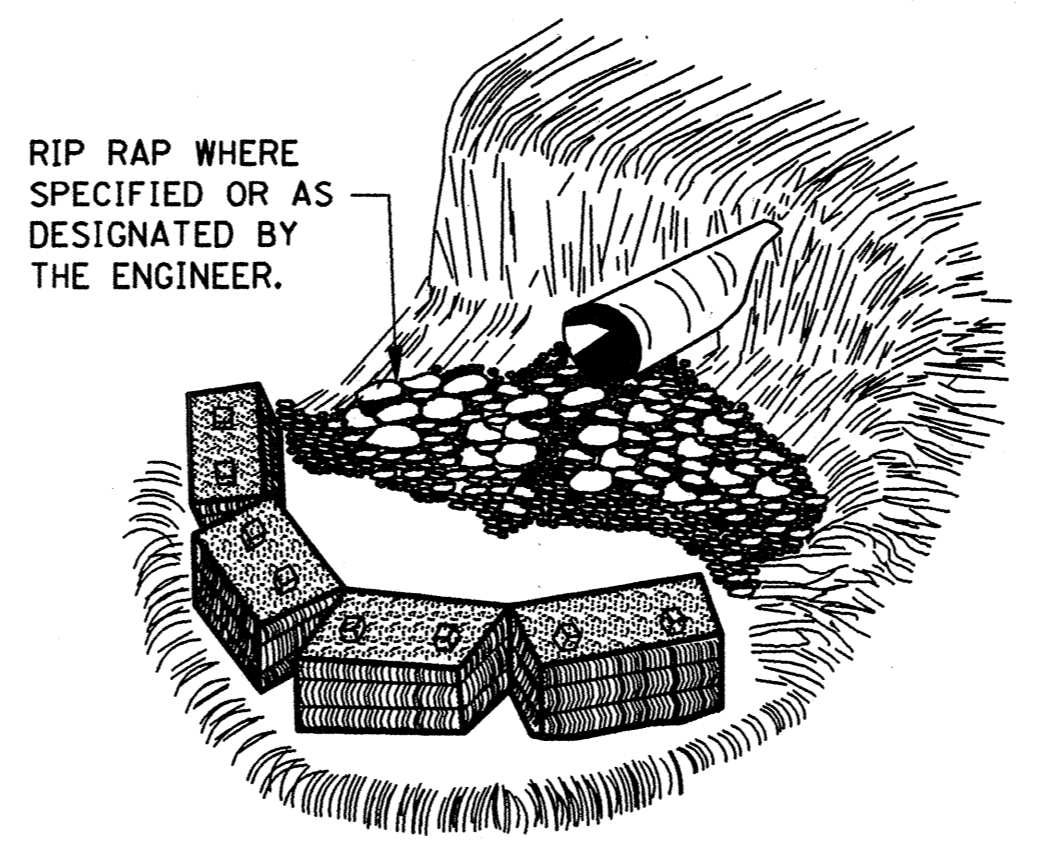


ELEVATION

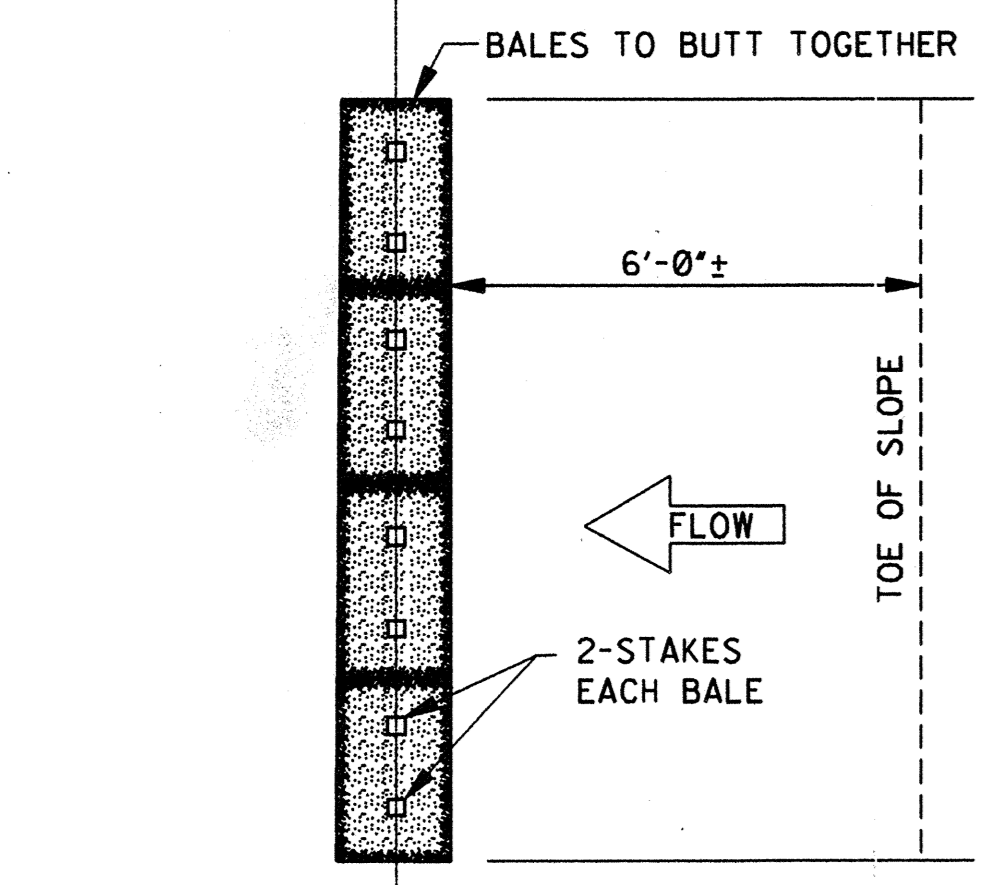


ELEVATION

NOTE: SIMILAR TREATMENT TO BE USED IN DITCHES.

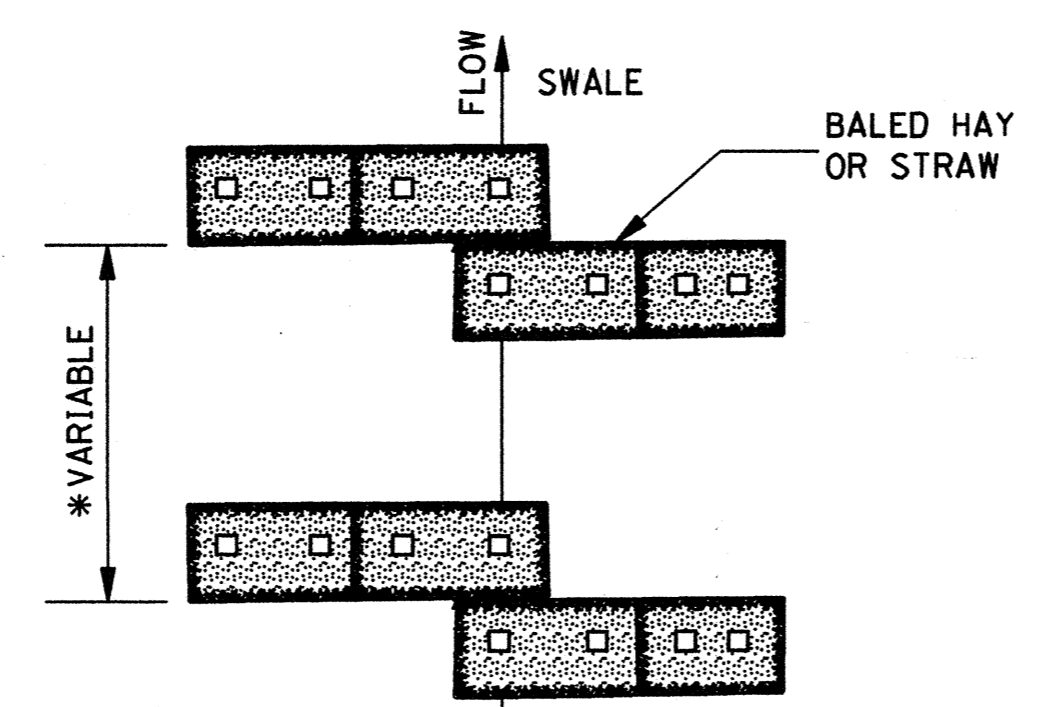


CULVERT

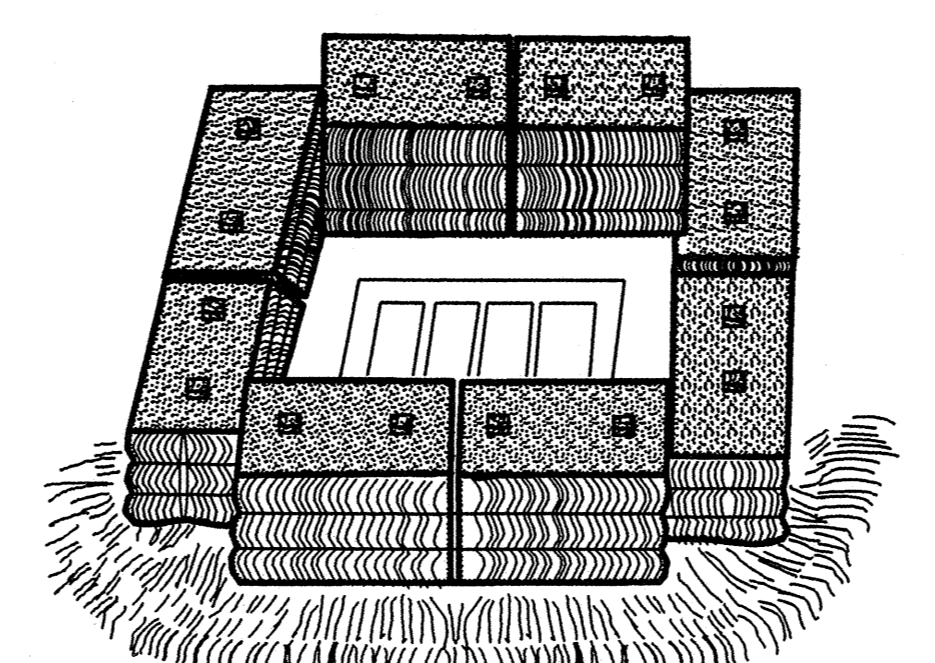


PLAN

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



PLAN



DROP INLET

TEMPORARY EROSION CHECKS USING HAY OR STRAW BALES

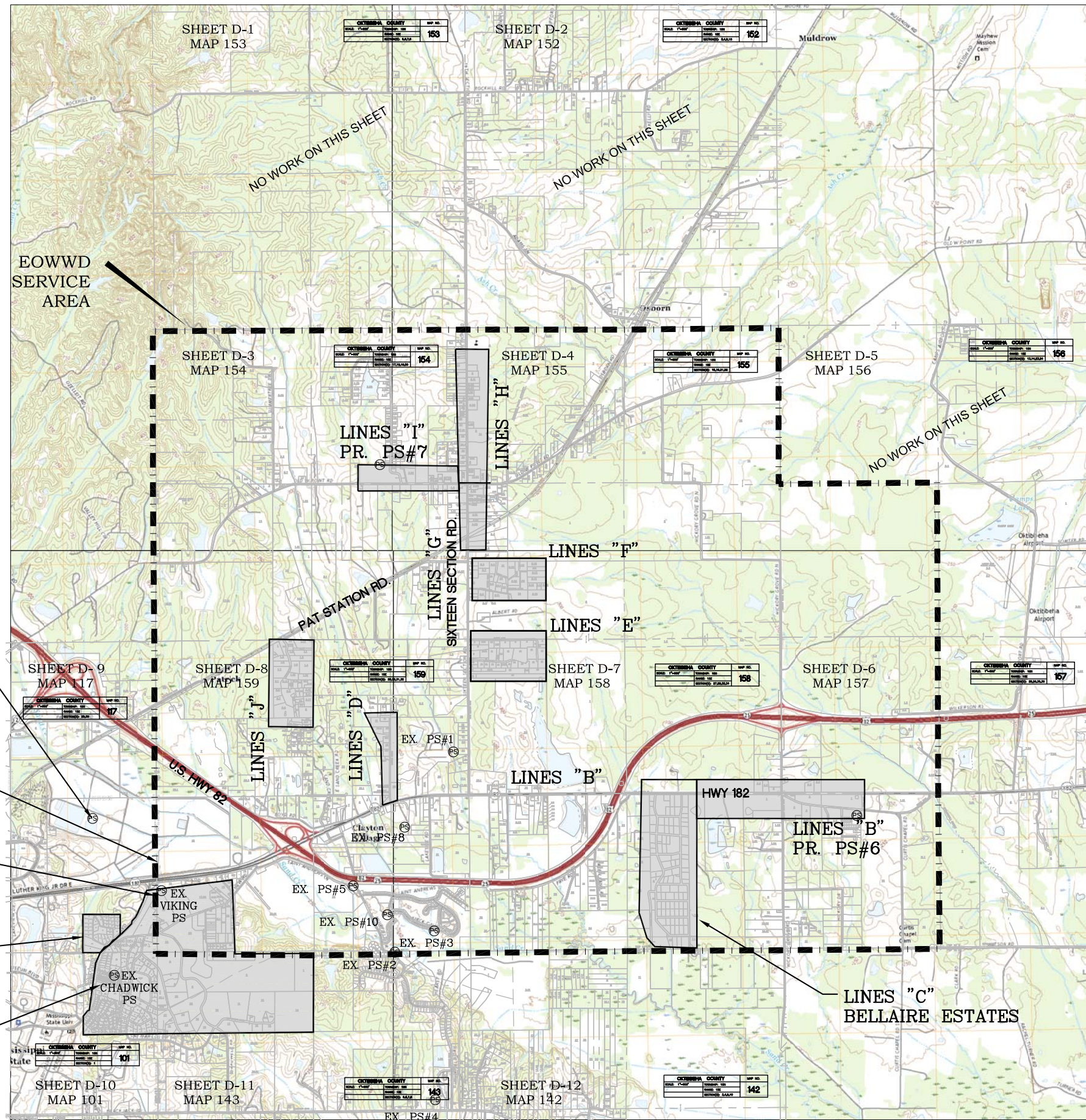
NOTE: EMBED ALL BALES 3" MINIMUM INTO GROUND AND STAKE (2" X 2" X 36") SECURELY.

GENERAL NOTES:

1. THE CONTRACTOR SHALL BE REQUIRED TO FURNISH ALL MATERIALS AND PERFORM ALL WORK FOR THE PROPER INSTALLATION, MAINTENANCE AND REMOVAL OF TEMPORARY EROSION CONTROL MEASURES NECESSARY TO CONTROL SILTATION.
2. TEMPORARY BRUSH BARRIERS SHALL BE USED AS REQUIRED BUT WILL NOT BE MEASURED FOR SEPARATE PAYMENT.
3. THE USE OF TEMPORARY EROSION CONTROL MEASURES OTHER THAN TEMPORARY BRUSH BARRIERS WILL ONLY BE REQUIRED AND MEASURED FOR SEPARATE PAYMENT WHEN APPROPRIATE PAY ITEM(S) IS INCLUDED IN THE BID SCHEDULE OF THE PROPOSAL.

BY		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
REVISION		ROADWAY DESIGN DIVISION	
DATE		STANDARD PLAN	
		TYPICAL TEMPORARY EROSION CONTROL MEASURES	
		(SILT FENCE, HAY BALES & BRUSH BARRIER)	
		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
		ENGLISH	
		MISSISSIPPI	
		WORKING NUMBER	
		TEC-1	
		SHEET NUMBER	
		142	
		ISSUE DATE: OCTOBER 1, 1998	

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MS STATE UNIV.
PUMP STATION
CONNECTION
(NORTH FARM)

LINE "GS-A1"
TO MS STATE
NORTH FARM

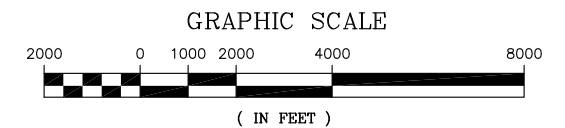
VIKING PUMP
STATION (TO BE
ABANDONED)

LINES "FM-A1"
SHEELY HILLS

LINES "GS-A"
& "FM-A"
UNIVERSITY
ESTATES

QUAD MAPS INCLUDED:
STARKVILLE
ARTESIA
WEST POINT
CEDAR BLUFF

LEGEND	
PROPERTY LINE	---
EDGE OF PAVED ROAD	----
EXISTING CONTOUR	300
PROPOSED CONTOUR	300
EXISTING DITCH	----
EXISTING RAILROAD	+++++
ELECTRIC LINE	E
EXISTING FENCE	x-x-x
EXISTING GAS MAIN	GAS
EXISTING WATER MAIN	W
EXISTING FORCE MAIN	FM
PROPOSED FORCE MAIN	PF
EXISTING SEWER MAIN	S
PROPOSED SEWER MAIN	PS
SERVICE LINE	SS
PROPOSED VALVE	V
EXISTING VALVE	V
EXISTING MANHOLE	M
PROPOSED MANHOLE	M
PROPOSED AIR RELEASE VALVE	ARV
PROPOSED PUMP STATION	PS
PROPOSED CUSTOMER	C
EX. CUSTOMER	□



BASEMAP REPRODUCED FROM COUNTY ROAD MAP.

NO.	DATE	DESCRIPTION	BY	CKD
CALVERT - SPRADLING ENGINEERS, INC. Consulting Engineers P. O. Drawer 1078 • Phone (662) 494-7101 West Point, Mississippi 39773				
EAST OKTIBBEHA WASTEWATER DISTRICT OKTIBBEHA COUNTY, MS				
DESIGNED/SURVEYED BY: _____		OVERALL SEWER COLLECTION SYSTEM MAP		
DRAWN BY: MTF				SHEET NO.
CHECKED BY: SJS				QUAD
DATE: 01-15-2020				