

AI: 90772
MSR109869



Rec'd via email:
05/07/2026

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)

APPLICANT IS THE: OWNER PRIME CONTRACTOR

OWNER CONTACT INFORMATION

OWNER CONTACT PERSON: Sam Musa
OWNER COMPANY LEGAL NAME: DUN-N-1 TRAVEL CENTER, LLC
OWNER STREET OR P.O. BOX: 987 Dogwood Cove
OWNER CITY: Tupelo STATE: MS ZIP: 38801
OWNER PHONE #: (662) 346-3809 OWNER EMAIL: sufyanmusa@yahoo.com

PREPARER CONTACT INFORMATION

IF NOI WAS PREPARED BY SOMEONE OTHER THAN THE APPLICANT
CONTACT PERSON: Shane Cardwell
COMPANY LEGAL NAME: Cardwell Engineering, PLLC
STREET OR P.O. BOX: 561 Main Street (P.O. Box 187)
CITY: Walnut STATE: MS ZIP: 38683
PHONE # () 662-223-0525 EMAIL: shane@cardwellengr.com

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: DUN-N-1 Travel Center
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: northeast corner of Barnes Crossing Road at I-22 (Hwy 78)
CITY: Tupelo STATE: MS COUNTY: Lee ZIP: 38801
FACILITY SITE TRIBAL LAND ID (N/A If not applicable): n/a
LATITUDE: 34 degrees 18 minutes 38 seconds LONGITUDE: -88 degrees 45 minutes 57 seconds
LAT & LONG DATA SOURCE (GPS (Please GPS Project Entrance/Start Point) or Map Interpolation): Google Maps
TOTAL ACREAGE THAT WILL BE DISTURBED 1: 6.917

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: 2026-06-01
 YYYY-MM-DD

ESTIMATED CONSTRUCTION PROJECT END DATE: 2027-12-31
 YYYY-MM-DD

DESCRIPTION OF CONSTRUCTION ACTIVITY: Site Development, earthwork, storm drainage, hardscape, building, and utilities

PROPOSED DESCRIPTION OF PROPERTY USE AFTER CONSTRUCTION HAS BEEN COMPLETED:
Travel Center and Convenience Store (diesel and gas pumps)

SIC Code: 5541 NAICS Code 447110

NEAREST NAMED RECEIVING STREAM: Town 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 1/2 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):
LEEPER Silty Clay Loam

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?

IS A SDS SHEET INCLUDED FOR THE FLOCCULATE? YES NO

WILL THERE BE A 50 FT BUFFER BETWEEN THE PROJECT DISTURBANCE AND THE WATERS OF THE STATE? YES NO

IF NOT, PROVIDE EQUIVALENT CONTROL MEASURES IN THE SWPPP.

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: MSDH Onsite Sewer

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:

City of Tupelo _____

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)

04/28/2026

Date Signed

Sufyan Musa

Printed Name¹

Owner

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

Electronically: <https://www.mdeq.ms.gov/construction-stormwater/>

Revised 3/23/22



Michael Watson

SECRETARY OF STATE

This is not an official certificate of good standing.

Name History

Name	Name Type
Dun-N-1 Travel Center LLC	Legal

Business Information

Business Type:	Limited Liability Company
Business ID:	1486599
Status:	Good Standing
Effective Date:	04/22/2025
State of Incorporation:	Mississippi
Principal Office Address:	NO PRINCIPAL OFFICE ADDRESS FOUND

Registered Agent

Name
William Schneller 126 N Spring Street Holly Springs, MS 38635

Officers & Directors

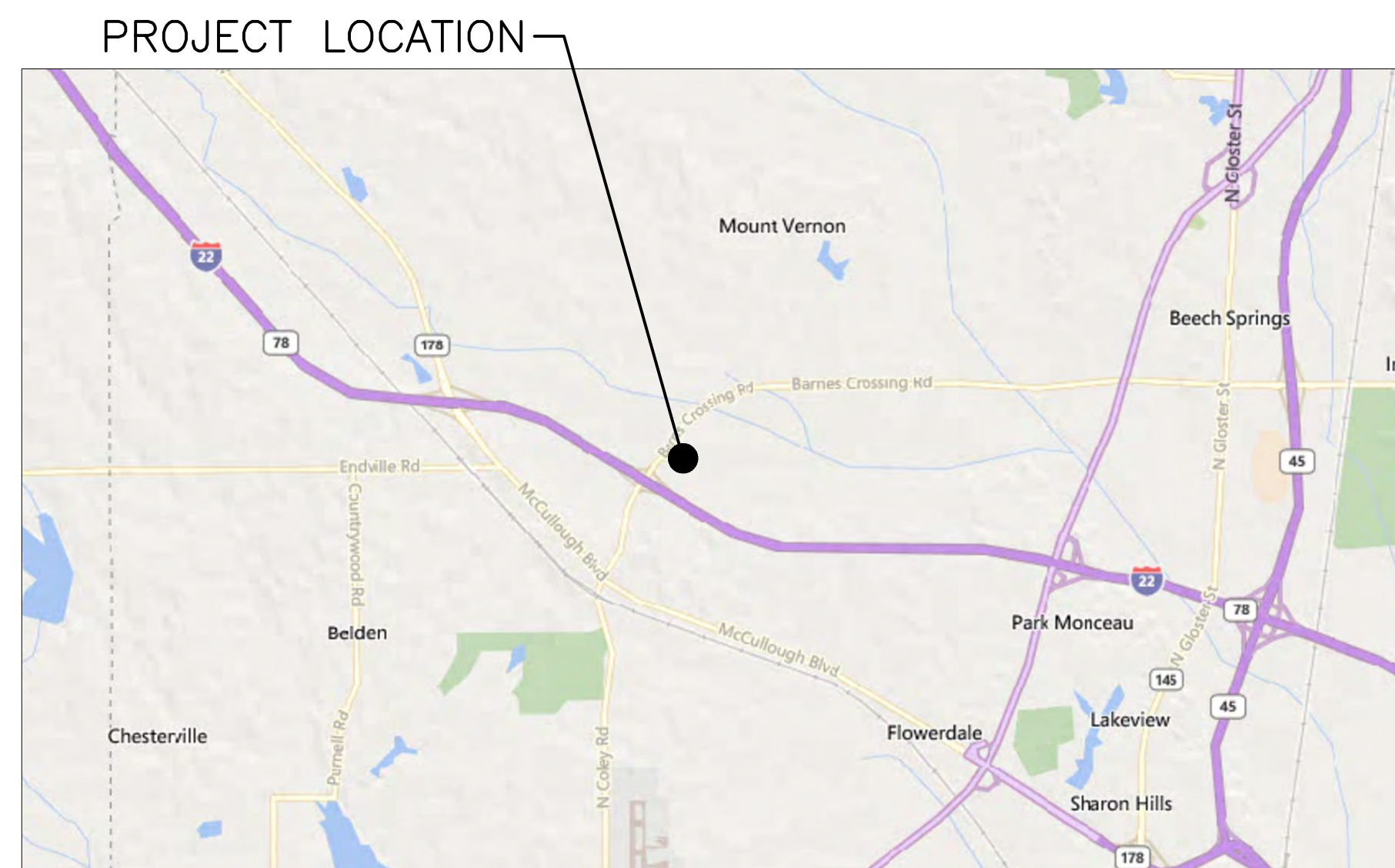
Name	Title
Waddah Rayyan 987 Dogwood Cove Tupelo, MS 38801	Member
Sufyan Musa 987 Dogwood Cove Tupelo, MS 38801	Manager
Samer Issa 987 Dogwood Cove Tupelo, MS 38801	Member

CIVIL CONSTRUCTION DRAWINGS

FOR

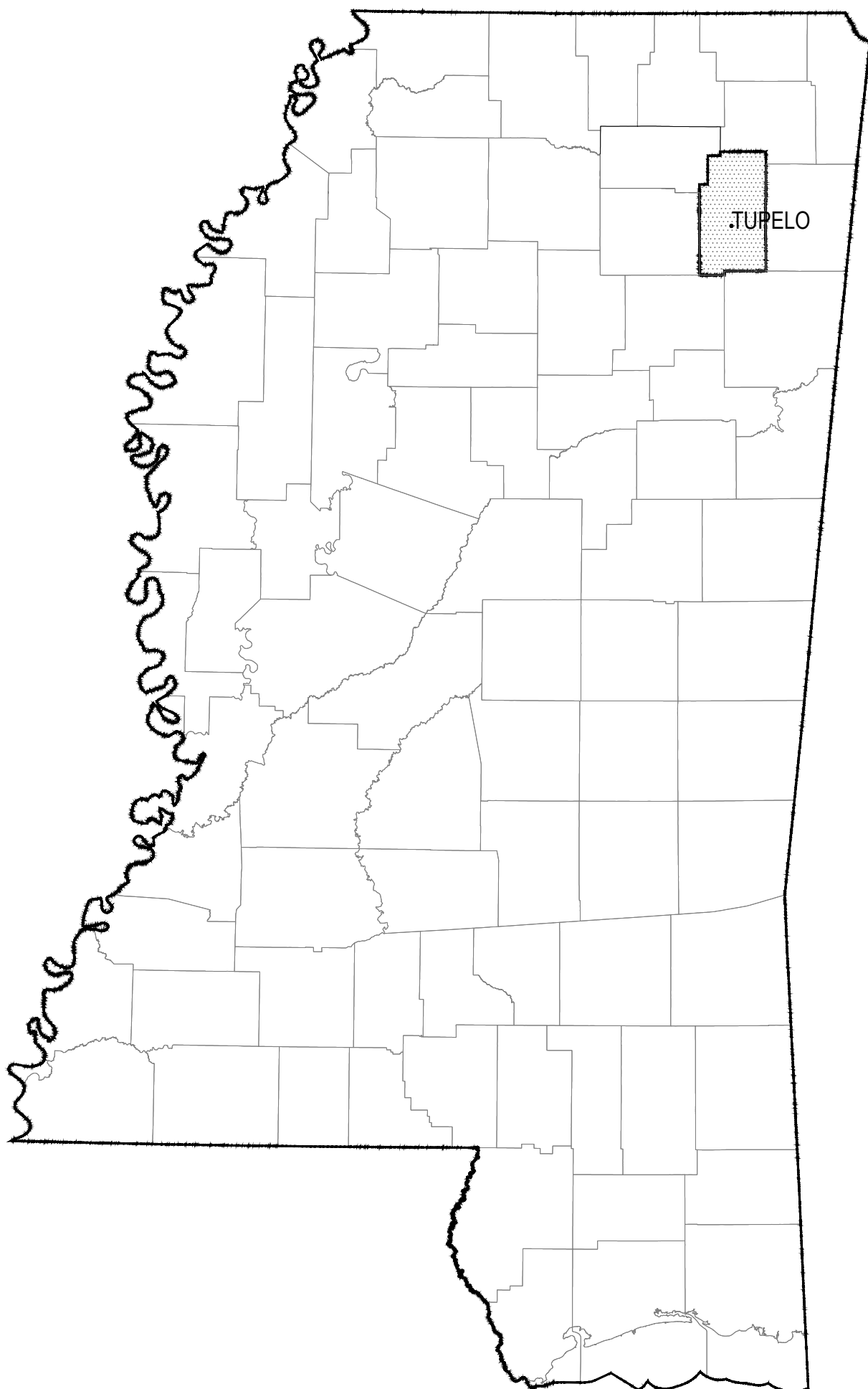
DUN-N-1 TRAVEL CENTER LLC

Tupelo, Mississippi



VICINITY MAP
N.T.S.

TUPELO, LEE COUNTY, MISSISSIPPI



INDEX OF DRAWINGS

CIVIL

- C100 GENERAL NOTES
- C101 SITE LOCATION MAPS
- C102 SITE PLAN
- C103 AERIAL IMAGERY
- C104 EXISTING CONDITIONS & DEMOLITION
- C105 EROSION CONTROL PLAN
- C105.1 CBMPP NOTES
- C105.2 ECP DETAILS
- C106 GRADING PLAN
- C107 STORM DRAINAGE PLAN
- C108 UTILITY PLAN (1of2)
- C109 UTILITY PLAN (2of2)
- C110 HARDSCAPE PLAN

- C500 WASTEWATER TREATMENT PLANT SCHEMATIC
- C501 DETAILS
- C502 DETAILS
- C503 DETAILS
- C504 DETAILS
- C505 DETAILS
- C506 DETAILS
- C507 DETAILS

OWNER/DEVELOPER

DUN-N-1 TRAVEL CENTER LLC
987 DOGWOOD COVE
TUPELO MS 38801
662-346-3809
CONTACT: SAM MUSA

CARDWELL ENGINEERING, PLLC

P.O. BOX 187
561 MAIN STREET
WALNUT, MS 38683
shane@cardwellengr.com
662.223.0525



ISSUE FOR PERMIT SET

10/21/2025

MICHAEL SHANE CARDWELL, P.E.
October 21, 2025

ISSUED FOR BIDDING:
ISSUED FOR CONSTRUCTION:

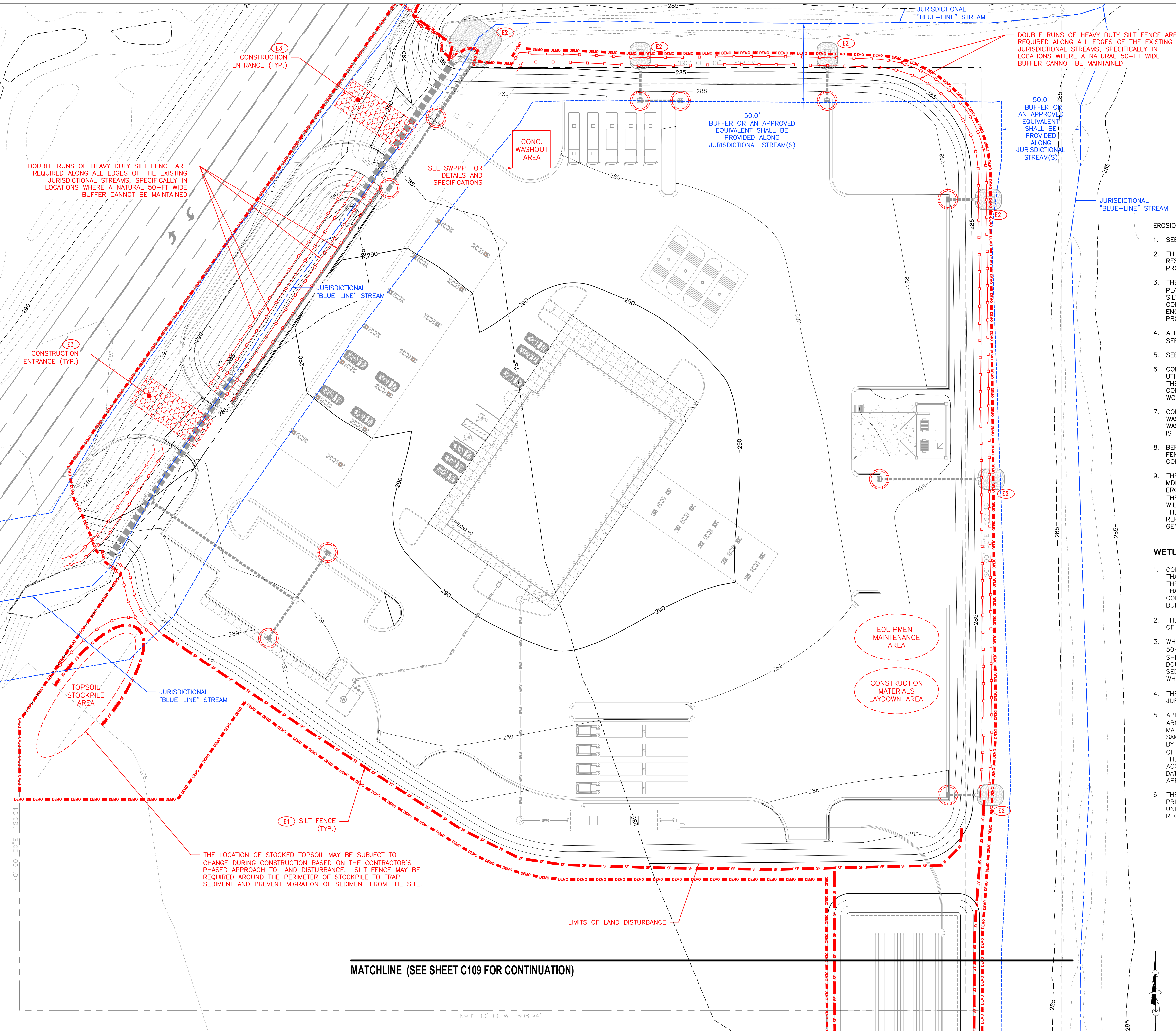


P.O. Box 187
Walnut, MS 38683
(662) 223-0525
shane@cardwellengr.com

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PROJECT NUMBER	CE #25001
DATE	MARCH 31, 2026
DRAWN BY	MSC

REVISIONS	DATE
NO.	



LEGEND

	PROPERTY LINE
	HEAVY DUTY SILT FENCE (WIRE-BACKED; DUAL RUN)
	SILT FENCE (TEMPORARY; WITHOUT WIRE-BACKING)
	LIMITS OF DISTURBANCE
	SOLID SOD DITCH TREATMENT
	WATERSHED BOUNDARY
	TEMPORARY SEDIMENT POND
	DIRECTION FLOW ARROWS
	CONSTRUCTION ENTRANCE
	24" ROCK DITCH CHECK OR EQUIVALENT DITCH CHECK STRUCTURE
	20" WATTLE CHECK FOR INLETS

- EROSION & SEDIMENT CONTROL NOTES:
- SEE SHEET C100 FOR GENERAL EROSION CONTROL GUIDELINES AND RECOMMENDATIONS.
 - THIS PLAN SHALL BE UPDATED AND AMENDED BY THE CONTRACTOR SO AS TO APPROPRIATELY RESPOND TO THE CHANGING SITE CONDITIONS AS THE PROJECT MOVES FROM THE EXISTING TO PROPOSED STATE.
 - THE CONTRACTOR SHALL PROVIDE AND MAINTAIN EROSION CONTROL DURING CONSTRUCTION BY THE PLACEMENT OF SILT FENCES AND/OR HAY BALES WHERE NECESSARY TO PREVENT DOWNSTREAM SILTATION OF ANY DITCHES, PIPES, DRAINAGE STRUCTURES OR ADJACENT PROPERTIES. THE CONTRACTOR SHALL PROVIDE ANY ADDITIONAL EROSION CONTROL AS NEEDED OR AS DIRECTED BY THE ENGINEER AND SHALL MAINTAIN ALL EROSION CONTROL MEASURES FOR THE ENTIRE LENGTH OF THE PROJECT.
 - ALL NEW CUT OR FILL AREAS LACKING ADEQUATE VEGETATION SHALL BE FERTILIZED, MULCHED, SEEDED AND/OR SODDED AS REQUIRED TO EFFECTIVELY CONTROL SOIL EROSION.
 - SEE STORM WATER POLLUTION PREVENTION PLAN FOR HOUSEKEEPING CONTROLS.
 - CONTRACTORS SHALL BE RESPONSIBLE FOR NOTIFYING ANY UTILITY COMPANY WHICH MAINTAINS A UTILITY LINE WITHIN THE BOUNDARIES OF THE PROJECT PRIOR TO INITIATION OF THE PROJECT. THE CONTRACTOR SHALL ALSO ASSUME RESPONSIBILITY FOR ANY DAMAGE INCURRED BY ANY UTILITY COMPANY FOR THEIR UTILITY LINES, WHETHER SHOWN IN THE CONSTRUCTION PLANS OR NOT, DURING WORK ON THE PROJECT.
 - CONTRACTOR SHALL SET ASIDE AN AREA NEAR THE CONSTRUCTION ENTRANCE FOR ALL CONCRETE WASHDOWN OPERATIONS. THE CONTRACTOR SHALL INSTALL AN EARTHEN BERM AROUND THE WASHDOWN AREA TO ENSURE THAT RUNOFF IS NOT ALLOWED TO LEAVE THE AREA. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THIS AREA FOR THE ENTIRE LENGTH OF THE PROJECT.
 - BEFORE ANY CONSTRUCTION ACTIVITY CAN BEGIN CONTRACTOR SHALL INSTALL ALL PERIMETER SILT FENCING. ALL INTERIOR SILT FENCING SHALL BE INSTALLED AS THE AREAS OF GRADING BECOMES COMPLETE OR AS NEEDED TO EFFECTIVELY PREVENT EROSION.
 - THE CONTRACTOR SHALL BE RESPONSIBLE MEETING AND MAINTAINING ALL REQUIREMENTS OF THE MDEQ CONSTRUCTION GENERAL PERMIT. THIS INCLUDES, BUT IS NOT LIMITED TO ALL NECESSARY EROSION CONTROL INSPECTIONS AND COMPLETION OF INSPECTION FORMS AS SPECIFIED BY MDEQ. THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) AND MDEQ CONSTRUCTION GENERAL PERMIT WILL BE INITIALLY PROVIDED BY THE ENGINEER, BUT SHALL BE MAINTAINED BY THE CONTRACTOR. THE CONTRACTOR SHALL NOT START ANY CONSTRUCTION ACTIVITY ON THE SITE UNTIL ALL ONSITE REPRESENTATIVES OF THE CONTRACTOR HAVE A COPY OF THE SWPPP AND MDEQ CONSTRUCTION GENERAL PERMIT IN HAND.

- WETLANDS & JURISDICTIONAL WATERS OF THE UNITED STATES INSTRUCTIONS:
- CONDITION ACTS, T-3, PARAGRAPH (6) OF THE LARGE CONSTRUCTION GENERAL PERMIT REQUIRES THAT A 50-FT UNDISTURBED NATURAL BUFFER BE PROVIDED AND MAINTAINED AROUND WATERS OF THE UNITED STATES, OR PROVIDE OR 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-FT UNDISTURBED BUFFER.
 - THE REQUIRED BUFFER SHALL BEGIN AT THE EDGE OF DELINEATED WETLANDS AND/OR AT THE TOP OF BANK OF JURISDICTIONAL STREAMS.
 - WHERE A 50-FT NATURAL BUFFER IS NOT PRESENT OR WHERE ENCROACHMENT WITHIN AN EXISTING 50-FT NATURAL BUFFER IS REQUIRED, A DOUBLE RUN OF MDOT SILT FENCE (SEE MDOT DETAIL SHEET NO. 6103) SHALL BE INSTALLED AND SEPARATED BY A MINIMUM OF FIVE (5) FEET. THE DOUBLE SILT FENCE AND THE COMBINATION OF ANY OTHER APPROPRIATE BMPs WHICH ACHIEVES THE SEDIMENT LOAD REDUCTION EQUIVALENT TO A 50-FT UNDISTURBED BUFFER SHALL BE REQUIRED WHERE A NATURAL 50-FT BUFFER CANNOT BE MAINTAINED.
 - THE ENGINEER OF RECORD SHALL MARK THE EXTENTS OF ALL DELINEATED WETLANDS AND/OR JURISDICTIONAL STREAMS THAT ARE PRESENT ON THE SITE PRIOR TO ANY CONSTRUCTION ACTIVITY.
 - APPLICATIONS HAVE BEEN MADE TO THE MOBILE ALABAMA DISTRICT OFFICE OF THE UNITED STATES ARMY CORPS OF ENGINEERS (USACE) FOR VERIFICATION OF AUTHORIZATION TO DISCHARGE FILL MATERIAL WITHIN AN INTERMITTENT STREAM. THE PROJECT HAS BEEN ASSIGNED FILE NUMBER SAM-2025-00820. THE DEPARTMENT HAS PROVIDED VERIFICATION THAT THE WORK IS AUTHORIZED BY NWP 39, COMMERCIAL AND INDUSTRIAL DEVELOPMENT, IN ACCORDANCE WITH 33 CFR PART 330 OF THEIR REGULATIONS. REFERENCE IS MADE TO THE PROJECT'S SWPPP FOR DOCUMENTATION OF THE PERMIT. THE CONTRACTOR SHALL PERFORM ALL WORK ASSOCIATED WITH THE PERMIT IN ACCORDANCE WITH THE SPECIFIC INSTRUCTIONS INDICATED IN THE USACE AUTHORIZATION LETTER DATED DECEMBER 5, 2025 TO MR. SUFYAN MUSA, A COPY OF WHICH IS CONTAINED IN THE SWPPP APPENDIX.
 - THE OWNER AND CONTRACTOR SHALL BE REQUIRED TO EXECUTE AN AFFIDAVIT OF UNDERSTANDING PRIOR TO RECEIVING A NOTICE TO PROCEED WITH CONSTRUCTION THAT INDICATES THEIR UNDERSTANDING OF ANY SECTION 404 PERMITTING THAT MAY BE REQUIRED OR ANY SPECIFIC REQUIREMENTS THAT MUST BE MET PERTAINING TO WATERS OF THE UNITED STATES.

EROSION CONTROL PLAN KEY NOTES

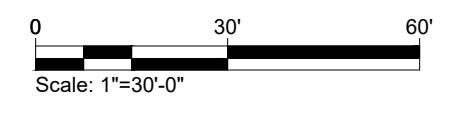
CODE	DESCRIPTION	DETAIL REF.
E1	SILT FENCE	MDOT 6101, 6102, & 6103
E2	ROCK CHECK DAM	MDOT 6101, 6104, 6108 & 6110
E3	CONSTRUCTION ENTRANCE	MDOT 6101 & 6116
E4	TEMPORARY SLOPE DRAIN (WHEN APPLICABLE)	MDOT 6101 & 6125
E5	SOLID SOD DITCH TREATMENT	MDOT 6123
E6	TYPICAL INLET PROTECTION	MDOT 6111 & 6115
E7	SOIL REINFORCEMENT MATTING (DITCH TREATMENT)	MDOT 6124
E8	FLEXAMAT (WHERE APPLICABLE)	AS PER MANUFACTURER

* SILT FENCE MAY OR MAY NOT BE SHOWN GRAPHICALLY ON THE PLAN, BUT THE CONTRACTOR SHALL JUDICIOUSLY USE SILT FENCE AS NEEDED. CONSTRUCTION SEQUENCING AND PHASING WILL DICTATE THE USE OF SILT FENCE AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPERLY LOCATING AND UTILIZING SILT FENCING THROUGHOUT THE DURATION OF THE CONTRACT.

MATCHLINE (SEE SHEET C109 FOR CONTINUATION)

1 EROSION CONTROL PLAN
SCALE: 1" = 30'

LAND DISTURBANCE AREA: 6.917 ACRES (OVERALL)
ONSITE DISTURBED AREA: 5.598 ACRES (81%)
OFFSITE DISTURBED AREA: 1.319 ACRES (19%)



DUN-N-1 TRAVEL CENTER
SECTION 10, TOWNSHIP 9S, RANGE 5E
TUPELO, MISSISSIPPI 38804
S & W TRAVEL CENTERS, LLC
987 DOGWOOD COVE
TUPELO, MS 38801



EROSION CONTROL PLAN
C105

EROSION CONTROL NOTES:

- 1. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN QUALIFIED PROFESSIONAL ADVICE WHEN QUESTIONS ARISE CONCERNING DESIGN AND EFFECTIVENESS OF EROSION CONTROL DEVICES. 24 HR CONTACT: SHANE CARDWELL, P.E. (662) 223-0525 CARDWELL ENGINEERING, PLLC.
2. THE CONTRACTOR IS RESPONSIBLE FOR MEETING THE REQUIREMENTS OF THE MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY (MDEQ) ADMIN. CODE (PT. 6 CH.1). CONTRACTOR IS FULLY RESPONSIBLE FOR MEETING THE FOLLOWING REQUIREMENTS INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
A. DUTY TO MITIGATE ADVERSE IMPACTS
B. DISCHARGES CANNOT VIOLATE WATER QUALITY STANDARDS
C. CONSTRUCTION BEST MANAGEMENT PRACTICES (CBMP) MAINTAINED ON SITE BY A QUALIFIED CREDENTIALLED PROFESSIONAL (QCI OR QCP).
D. EFFECTIVE EROSION AND SEDIMENT CONTROL MEASURES IMPLEMENTED AT ALL TIMES
E. REGULAR COMPREHENSIVE INSPECTIONS OF SITE AND DOWNSTREAM CHANNEL
F. COPIES OF INSPECTION REPORTS MAINTAINED
G. DETAILED LOGS MAINTAINED
H. SPILL AND CHEMICAL CONTROLS IMPLEMENTED- STORM WATER POLLUTION CONTROL PLAN AND MATERIAL SAFETY DATA SHEETS.
I. CANNOT DISCHARGE OTHER POLLUTANTS OR WASTES
J. THE NOTICE OF INTENT ID AND A RAIN GAUGE SHALL BE INSTALLED AND VISIBLE ON-SITE FROM THE RIGHT OF WAY.
3. THE PROFESSIONAL WHO SEALS THIS PLAN CERTIFIES UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY THE PROFESSIONAL OR THE PROFESSIONAL'S AUTHORIZED AGENT, UNDER THE PROFESSIONAL'S DIRECT SUPERVISION.
4. ALL CONSTRUCTION SHALL COMPLY WITH THE SPECIFICATIONS AND PROCEDURES DETAILED IN THE CURRENT DEVELOPMENT REGULATIONS OF THE CITY OF TUPELO AND THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN MISSISSIPPI.
5. THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES SHALL TAKE PLACE PRIOR TO OR CONCURRENT WITH ALL LAND DISTURBING ACTIVITIES THROUGHOUT THE ENTIRE PROJECT.
6. EROSION AND SEDIMENT CONTROL MEASURES SPECIFIED ON PLAN SHEETS C105, C105.1, AND C105.2 MUST BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCES. UPDATES MADE TO THE CBMP BY THE CONTRACTOR OR QUALIFIED PROFESSIONAL WILL BE NOTED IN THE CBMP AMENDMENT LOG. UPDATES ARE TO BE MADE WITHIN 5 DAYS AFTER RECEIVING NOTICE.
7. THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES SPECIFIED ON PLAN SHEETS C105, C105.1, AND C105.2 PRIOR TO ALL LAND DISTURBING ACTIVITIES THROUGHOUT THE ENTIRE PROJECT.
8. MAINTENANCE OF ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES, WHETHER TEMPORARY OR PERMANENT, SHALL BE AT ALL TIMES THE RESPONSIBILITY OF THE PERMITTEE.
9. EROSION CONTROL DEVICES THAT ARE INSTALLED AS DIRECTED BY THE LAND DEVELOPMENT INSPECTOR BUT NOT SHOWN ON THE CONSTRUCTION PLAN AND WHICH ALSO SUBSEQUENTLY FAIL, ARE THE RESPONSIBILITY OF THE CONTRACTOR.
10. TEMPORARY STABILIZATION OF DISTURBED AREAS MUST BE INITIATED IMMEDIATELY WHENEVER WORK TOWARD PROJECT COMPLETION AND FINAL STABILIZATION OF ANY PORTION OF THE SITE HAS TEMPORARILY CEASED AND WILL NOT RESUME FOR A PERIOD EXCEEDING THIRTEEN (13) CALENDAR DAYS.
11. SITE INSPECTIONS ARE TO BE CONDUCTED AS REQUIRED BY THE GENERAL NPDES PERMIT. SEE SECTION TITLED "PERMITTEE REQUIREMENTS FOR INSPECTION" ON THIS SHEET FOR SPECIFIC REQUIREMENTS.
12. PRIOR TO ANY OTHER CONSTRUCTION, A STABILIZED CONSTRUCTION ENTRANCE SHALL BE INSTALLED AT EACH POINT OF ENTRY TO OR EXIT FROM THE SITE. ANY MUD, DIRT, OR ROCK TRACKED FROM THE SITE WILL BE CLEANED AS NECESSARY. DUMP TRUCKS HAULING MATERIAL FROM THE CONSTRUCTION SITE SHALL BE COVERED WITH A TARPULIN.
13. PRIOR TO COMMENCING LAND DISTURBING ACTIVITY, THE LIMITS OF DISTURBANCE SHALL BE CLEARLY AND ACCURATELY MARKED WITH STAKES, RIBBON OR OTHER APPROPRIATE MEANS. THE LOCATION AND EXTENT OF ALL AUTHORIZED LAND DISTURBANCE SHALL BE DEMARCATED FOR THE DURATION OF THE CONSTRUCTION ACTIVITY. NO LAND DISTURBANCE SHALL OCCUR OUTSIDE THE APPROVED LIMITS INDICATED ON THE APPROVED PLANS.
14. IMMEDIATELY AFTER THE ESTABLISHMENT OF CONSTRUCTION ENTRANCE/EXITS, ALL PERIMETER EROSION CONTROL SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION.
15. ANY SEDIMENT THAT ESCAPES THE SITE MUST BE IMMEDIATELY REMOVED AND PERMANENTLY STABILIZED ON-SITE. REPLACEMENT OR REPAIRS TO ANY DEFECTIVE PORTION OF SILT FENCE MUST BE MADE IMMEDIATELY TO PREVENT FURTHER ESCAPE OF SEDIMENT.
16. SEDIMENT STORAGE INDICATORS MUST BE INSTALLED IN SEDIMENT STORAGE STRUCTURES, INDICATING THE 1/3 FULL VOLUME. A STAKE WITH MEASUREMENT MARKINGS THAT INDICATE THE 1/3 VOLUME IS AN ACCEPTABLE SEDIMENT STORAGE INDICATOR.
17. THE CONTRACTOR SHALL REMOVE ACCUMULATED SILT WHEN THE ACCUMULATED SILT IS ONE-THIRD (1/3) FULL FOR ALL EROSION & SEDIMENT CONTROL STRUCTURES. BASED ON THE AMOUNT OF SEDIMENT AND THE SIZE OF THE CONTROL MEASURE, SEDIMENT WILL BE REMOVED WITH A SHOVEL OR ON-SITE EQUIPMENT TO MAINTAIN BMPs. THE SEDIMENT THAT IS REMOVED MUST BE PERMANENTLY STABILIZED.
18. ALL SILT BARRIERS MUST BE PLACED AS ACCESS IS OBTAINED DURING CLEARING. NO GRADING SHALL TAKE PLACE UNTIL SILT BARRIER INSTALLATION IS COMPLETE.
19. SILT BARRIERS SHALL BE PLACED AS SHOWN AND/OR AS DIRECTED BY THE PROJECT ENGINEER AND/OR CITY INSPECTORS.
20. ALL FILL SLOPES SHALL HAVE SILT FENCE PLACED AT THE SLOPE'S TOE.
21. SEDIMENT MUST BE PREVENTED FROM ENTERING STORM INLETS BY USING THE SPECIFIED INLET PROTECTION ON SHEETS C105, C105.1, AND C105.2 IF SEDIMENT ENTERS STORM DRAINAGE STRUCTURES AND PIPES, THE CONTRACTOR MUST REMOVE THE ACCUMULATED SEDIMENT IMMEDIATELY AND IT MUST BE PERMANENTLY STABILIZED.
22. ALL DRAINAGE STRUCTURES SHALL HAVE RING AND COVER ACCESS.
23. LENGTH OF STORM WATER OUTFALL STRUCTURE RIP-RAP SHALL BE AT LEAST 6 TIMES THE DIAMETER OF THE STORM DRAIN PIPE.
24. ALL FILL AREAS AND DITCH WORK ON THIS SITE SHALL BE COMPACTED TO A MINIMUM 95% STANDARD PROCTOR.
25. DUST WILL BE CONTROLLED BY SPRINKLING WATER ON DISTURBED AREAS PER THE MISSISSIPPI EROSION AND SEDIMENT CONTROL MANUAL.
26. SEDIMENT TRACKED INTO THE STREET MUST BE REMOVED BY THE CONTRACTOR. A SQUARE-ENDED SHOVEL AND BROOM WILL BE USED TO REMOVE SEDIMENT FROM STREETS. SEDIMENT IN THE STREET SHOULD NOT BE WASHED INTO STORM INLETS UNDER ANY CIRCUMSTANCES. PERMANENTLY STABILIZE ANY SEDIMENT REMOVED FROM STREET.
27. TOPSOIL SHALL BE STOCKPILED AND USED TO DRESS FINAL GRADES.
28. ALL TEMPORARY AND PERMANENT SEEDING MUST BE PERFORMED AT THE APPROPRIATE SEASON. ADDITIONAL PLANTINGS WILL BE NECESSARY IF A SUFFICIENT STAND OF GRASS FAILS TO GROW.
29. ALL SLOPES AND AREAS DISTURBED DURING CONSTRUCTION SHALL BE GRADED SMOOTH AND 4" OF TOPSOIL APPLIED. THE AREA SHALL THEN BE SEED, FERTILIZED, MULCHED, WATERED AND MAINTAINED UNTIL A HEALTHY STAND OF PERMANENT VEGETATION HAS BEEN ESTABLISHED FOR ALL DISTURBED AREAS.
30. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING EROSION CONTROL MEASURES UNTIL CONSTRUCTION IS COMPLETE AND PERMANENT VEGETATION HAS BEEN ESTABLISHED.
31. PERMITTEES ARE RESPONSIBLE FOR RETURNING AREAS DISTURBED TO THE CONDITION PRIOR TO DISTURBANCE (TO INCLUDE SEEDING, MULCHING, AND SODDING ALL DISTURBED AREAS).
32. WHERE APPLICABLE, EACH INDIVIDUAL LOT BUILDER SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING EROSION CONTROL MEASURES ON THEIR OWN LOT.
33. A 25-FOOT UNDISTURBED BUFFER IS TO BE MAINTAINED ADJACENT TO ALL STREAMS.
34. TWO ROWS OF TYPE A SILT FENCE SHALL BE INSTALLED ADJACENT TO STATE WATERS AND WILL PROTECT STATE WATERS FROM ANY LAND DISTURBING ACTIVITIES.
35. ALL LOTS WITH WETLANDS OR WITHIN A DAM ZONE SHALL BE DENOTED WITH AN ASTERISK.
36. APPROVAL OF THESE PLANS DOES NOT CONSTITUTE APPROVAL BY THE CITY OF TUPELO OR MDEQ OF ANY LAND DISTURBING ACTIVITIES WITHIN WETLAND AREAS AND/OR WHICH MAY IMPACT ENDANGERED SPECIES. IT IS THE RESPONSIBILITY OF THE PROPERTY OWNER TO CONTACT THE APPROPRIATE REGULATORY AGENCY FOR APPROVAL OF ANY DISTURBANCE WHICH MAY HAVE THIS EFFECT.
37. DETENTION POND, DETENTION OUTLET STRUCTURES AND TEMPORARY SEDIMENT POND FEATURES ARE TO BE CONSTRUCTED AND FULLY OPERATIONAL PRIOR TO ANY OTHER CONSTRUCTION.
38. ALL OPEN DRAINAGE SWALES MUST BE GRASSED AND RIP-RAP PLACED AS REQUIRED TO PREVENT EROSION.
39. MAXIMUM SLOPES ON CUT OR FILL SECTIONS SHALL NOT EXCEED 3H:1V. CONCENTRATED FLOW AREAS AND ALL SLOPES STEEPER THAN 3H:1V WITH A HEIGHT OF TEN FEET OR GREATER SHALL BE STABILIZED WITH EROSION CONTROL MATTING AS SPECIFIED ON THE PLAN.
40. THE SITE WILL USE TEMPORARY SEDIMENT BASINS, WATTLES, EXCAVATED INLET TRAPS, PROPOSED STORMWATER STRUCTURES AND PIPES, RIP-RAP, AND THE PROPOSED DETENTION FACILITY TO CONTROL STORM WATER VOLUME AND VELOCITY ON SITE DURING CONSTRUCTION.
41. CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY UPON START OF CONSTRUCTION IN ORDER FOR ENGINEER TO SCHEDULE THE INITIAL 7 DAY EROSION CONTROL INSPECTION.

CERTIFICATION STATEMENT:

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 AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

Signature of Shane Cardwell, P.E. Date: 03/31/2026
SIGNATURE OF ENGINEER DATE

MS PE #20243 PROJECT ENGINEER
CERTIFICATION # TITLE

GENERAL NOTES

THIS PLAN INCLUDES, AS A MINIMUM, BEST MANAGEMENT PRACTICES, INCLUDING SOUND CONSERVATION AND ENGINEERING PRACTICES TO PREVENT AND MINIMIZE EROSION AND RESULTANT SEDIMENTATION, WHICH ARE CONSISTENT WITH, AND NO LESS STRINGENT THAN, THOSE PRACTICES CONTAINED IN THE "MISSISSIPPI EROSION AND SEDIMENT CONTROL HANDBOOK" (MANUAL) AS WELL AS THE FOLLOWING:

- 1. STRIPPING OF VEGETATION, CUT AND FILL OPERATIONS, AND OTHER DEVELOPMENT ACTIVITIES WILL BE CONDUCTED IN A MANNER SO AS TO MINIMIZE EROSION AND SOIL EXPOSURE.
2. DEVELOPMENT PLANS CONFORM TO TOPOGRAPHY AND SOIL TYPE, SO AS TO CREATE THE LOWEST PRACTICABLE EROSION POTENTIAL.
3. THE DISTURBED AREA AND THE DURATION OF EXPOSURE TO EROSION ELEMENTS WILL BE KEPT TO A PRACTICAL MINIMUM. WHENEVER FEASIBLE, NATURAL VEGETATION WILL BE RETAINED, PROTECTED, AND SUPPLEMENTED.
4. TEMPORARY STABILIZATION OF DISTURBED AREAS MUST BE INITIATED IMMEDIATELY WHENEVER WORK TOWARD PROJECT COMPLETION AND FINAL STABILIZATION OF ANY PORTION OF THE SITE HAS TEMPORARILY CEASED AND WILL NOT RESUME FOR A PERIOD EXCEEDING THIRTEEN (13) CALENDAR DAYS.
5. PERMANENT VEGETATION AND STRUCTURAL EROSION CONTROL MEASURES MUST BE INSTALLED IMMEDIATELY, AS DIRECTLY BY THE BMP PHASING TIMELINE.
6. SEDIMENT IN RUN-OFF WATER WILL BE TRAPPED BY THE USE OF THE SEDIMENT STORAGE DEVICES DEPICTED ON SHEETS C105, C105.1, AND C105.2, UNTIL THE DISTURBED AREA IS STABILIZED.
7. CUTS AND FILLS WILL NOT ENDANGER ADJOINING PROPERTY.
8. FILLS WILL NOT ENCROUGH UPON NATURAL WATER COURSES OR CONSTRUCTED CHANNELS IN A MANNER SO AS TO ADVERSELY AFFECT OTHER PROPERTY OWNERS.
9. PROVISIONS ARE PROVIDED FOR TREATMENT OR CONTROL OF ANY SOURCE OF SEDIMENTS AND ADEQUATE SEDIMENTATION CONTROL FACILITIES TO RETAIN SEDIMENTS ON SITE OR PRECLUDE SEDIMENTATION OF ADJACENT WATERS BEYOND THE LEVELS SPECIFIED IN THE GENERAL NPDES PERMIT.
10. FOR COMMON DRAINAGE LOCATIONS A TEMPORARY (OR PERMANENT) SEDIMENT BASIN PROVIDING AT LEAST 3600 CUBIC FEET OF STORAGE PER ACRE DRAINED, OR EQUIVALENT CONTROL MEASURES, SHALL BE PROVIDED UNTIL FINAL STABILIZATION OF THE SITE. THE 3600 CUBIC FEET OF STORAGE AREA PER ACRE DRAINED DOES NOT APPLY TO FLOWS FROM OFF-SITE AREAS AND FLOWS FROM ON-SITE AREAS THAT ARE EITHER UNDISTURBED OR HAVE UNDERGONE FINAL STABILIZATION WHERE SUCH FLOWS ARE DIVERTED AROUND BOTH THE DISTURBED AREA AND THE SEDIMENT BASIN. FOR DRAINAGE LOCATIONS WHERE A TEMPORARY SEDIMENT BASIN PROVIDING AT LEAST 3600 CUBIC FEET OF STORAGE PER ACRE DRAINED, OR EQUIVALENT CONTROLS IS NOT ATTAINABLE, SEDIMENT TRAPS, SILT FENCES, OR EQUIVALENT SEDIMENT CONTROLS ARE REQUIRED FOR ALL SLOPE AND DOWN SLOPE BOUNDARIES OF THE CONSTRUCTION AREA, WHEN THE SEDIMENT FILLS TO A VOLUME AT MOST OF 1200 CUBIC FEET PER ACRE FOR EACH DRAINAGE AREA, THE SEDIMENT SHALL BE REMOVED TO RESTORE THE ORIGINAL DESIGN VOLUME. THIS SEDIMENT MUST BE PROPERLY DISPOSED.
11. NO SOLID MATERIALS, INCLUDING BUILDING MATERIALS, SHALL BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.
12. OFF SITE VEHICLE TRACKING OF DIRT, SOILS, AND SEDIMENTS AND THE GENERATION OF DUST SHALL BE MINIMIZED OR ELIMINATED BY USING CONSTRUCTION EXIT PADS.
13. ALL LOTS AND DEVELOPMENT AREAS SHALL MAINTAIN COMPLIANCE WITH APPLICABLE STATE AND/OR LOCAL WASTE DISPOSAL, SANITARY SEWER OR SEPTIC SYSTEM REGULATIONS.
14. A COPY OF THE APPROVED LAND DISTURBANCE PLAN AND PERMIT SHALL BE PRESENT ON THE SITE WHENEVER LAND DISTURBANCE ACTIVITY IS IN PROGRESS.
15. THERE SHALL BE NO ON-SITE STORAGE OF PETROLEUM. MOBILE PETROLEUM TRUCKS SHALL BE USED TO FUEL CONSTRUCTION EQUIPMENT ON-SITE. NOTHING IN THIS PERMIT SHALL BE CONSTRUED TO PRECLUDE THE INSTITUTION OF ANY LEGAL ACTION OR RELIEVE THE PERMITTEE OR OPERATOR FROM ANY RESPONSIBILITIES, LIABILITIES, OR PENALTIES TO WHICH THE PERMITTEE OR OPERATOR IS OR MAY BE SUBJECT UNDER THE SECTION 311 OF THE CLEAN WATER ACT OR SECTION 106 OF COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY ACT.
16. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE A "QUALIFIED PROFESSIONAL" INSPECT AND REPORT ALL DEFICIENCIES OF ALL EROSION CONTROL MEASURES AT A MINIMUM OF ONCE A MONTH AND WITHIN 24 HOURS OF EVERY 3/4" RAIN EVENT.
17. AMENDMENTS/REVISIONS TO THE ES&P PLAN WHICH HAVE A SIGNIFICANT EFFECT ON BMP'S WITH A HYDRAULIC COMPONENT MUST BE CERTIFIED BY THE DESIGN PROFESSIONAL.
18. THE DESIGN PROFESSIONAL OR DESIGNER IS TO INSPECT THE INSTALLATION OF THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROL BMP'S WITHIN 7 DAYS AFTER INSTALLATION.
19. CONTRACTOR SHALL SUBMIT MATERIAL SAFETY DATA SHEETS (MSDS) BEFORE ANIONIC POLYMERS OR POLYACRYLAMIDES (PAM) CAN BE APPLIED.
20. PHASING OF CONSTRUCTION ACTIVITY: ONE PHASE.
21. ANY PORTABLE TOILETS ON-SITE SHOULD BE KEPT ON LEVEL GROUND AND AWAY FROM INLETS OR WATERWAYS.
22. GRADING EQUIPMENT WILL CROSS FLOWING STREAMS BY THE MEANS OF BRIDGES OR CULVERTS, EXCEPT WHEN SUCH METHODS ARE NOT FEASIBLE, PROVIDED IN ANY CASE THAT SUCH CROSSINGS ARE KEPT TO A MINIMUM;
23. NO CONSTRUCTION ACTIVITIES SHALL BE CONDUCTED WITHIN A 25 FOOT BUFFER ALONG THE BANKS OF ALL STATE WATERS, AS MEASURED HORIZONTALLY FROM THE POINT WHERE VEGETATION HAS BEEN WRESTED BY NORMAL STREAM FLOW OR WAVE ACTION, EXCEPT WHERE THE CITY OR COUNTY HAS DETERMINED TO ALLOW A VARIANCE OR WHERE A DRAINAGE STRUCTURE OR A ROADWAY STRUCTURE MUST BE CONSTRUCTED, PROVIDED THAT ADEQUATE EROSION CONTROL MEASURES ARE INCORPORATED IN THE PROJECT PLANS AND SPECIFICATIONS AND ARE IMPLEMENTED

RETENTION OF RECORDS:

- 1. THE PRIMARY PERMITTEE SHALL RETAIN THE FOLLOWING RECORDS AT THE CONSTRUCTION SITE OR THE RECORDS SHALL BE READILY AVAILABLE AT A DESIGNATED ALTERNATE LOCATION FROM COMMENCEMENT OF CONSTRUCTION UNTIL SUCH TIME AS A NOT IS SUBMITTED:
A. A COPY OF ALL NOTICES OF INTENT SUBMITTED TO MDEQ;
B. A COPY OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN REQUIRED BY THIS PERMIT;
C. THE DESIGN PROFESSIONAL'S REPORT OF THE RESULTS OF THE INSPECTION CONDUCTED IN ACCORDANCE WITH THIS PERMIT;
D. A COPY OF ALL MONITORING INFORMATION, RESULTS, AND REPORTS REQUIRED BY THIS PERMIT;
E. A COPY OF ALL INSPECTION REPORTS GENERATED IN ACCORDANCE WITH THIS PERMIT;
F. A COPY OF ALL VIOLATION SUMMARIES AND VIOLATION SUMMARY REPORTS GENERATED IN ACCORDANCE WITH THIS PERMIT.
G. DAILY RAINFALL INFORMATION COLLECTED IN ACCORDANCE WITH THIS PERMIT; AND
H. DATES OF GRADING, CONSTRUCTION ACTIVITY, AND STABILIZATION.
2. COPIES OF ALL NOI'S, NOT'S, REPORTS, PLANS, MONITORING REPORTS, MONITORING INFORMATION, INCLUDING ALL CALIBRATION AND MAINTENANCE RECORDS AND ALL ORIGINAL STRIP CHART RECORDINGS FOR CONTINUOUS MONITORING INSTRUMENTATION, EROSION, SEDIMENTATION AND POLLUTION CONTROL PLANS, RECORDS OF ALL DATA USED TO COMPLETE THE NOTICE OF INTENT TO BE COVERED BY THIS PERMIT AND ALL OTHER RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED BY THE PERMITTEE WHO EITHER PRODUCED OR USED IT FOR A PERIOD OF AT LEAST THREE YEARS FROM THE DATE THAT THE NOT IS SUBMITTED IN ACCORDANCE WITH PART VI OF THIS PERMIT. THESE RECORDS MUST BE MAINTAINED AT THE PERMITTEE'S PRIMARY PLACE OF BUSINESS OR AT A DESIGNATED ALTERNATE LOCATION ONCE THE CONSTRUCTION ACTIVITY HAS CEASED AT THE PERMITTED SITE. THIS PERIOD MAY BE EXTENDED BY REQUEST OF MDEQ AT ANY TIME UPON WRITTEN.

PERMITTEE REQUIREMENTS FOR INSPECTION:

- 1. PRE-CONSTRUCTION OBSERVATIONS
A. A PRE-CONSTRUCTION SITE INSPECTION SHALL BE CONDUCTED PRIOR TO THE PLACEMENT OF ANY BMPs, OR THE COMMENCEMENT OF LAND DISTURBING ACTIVITIES.
B. PRE-CONSTRUCTION INSPECTION SHALL CONSIST OF A COMPLETE COMPREHENSIVE INSPECTION OF THE ENTIRE PROPOSED CONSTRUCTION SITE INCLUDING ALL PROPOSED AREAS OF LAND DISTURBANCE, PROPOSED AREAS USED FOR THE STORAGE OF MATERIALS THAT MAY BE EXPOSED TO PRECIPITATION, AFFECTED DITCHES, AND OTHER STORMWATER CONVEYANCES, AS WELL AS ALL PROPOSED OUTFALLS, RECEIVING WATERS AND STREAM BANKS TO DETERMINE IF THERE ARE PRE-EXISTING AREAS OF CONCERN.
C. PRE-CONSTRUCTION INSPECTIONS SHALL BE CONDUCTED BY THE QCP OR A QUALIFIED PERSON UNDER DIRECT SUPERVISION OF A QCP.
D. THE INSPECTION SHALL BE DOCUMENTED AND MADE AVAILABLE TO MDEQ UPON REQUEST.
E. PRE-CONSTRUCTION INSPECTION SHALL INCLUDE DATED ELECTRONIC PHOTOGRAPHIC DOCUMENTATION OF ALL AREAS DESCRIBED IN PARAGRAPH (B) ABOVE.
F. THE PERMITTEE SHALL MAINTAIN RECORD OF THE PRE-CONSTRUCTION SITE INSPECTION.
2. DAILY OBSERVATIONS
A. EACH DAY THERE IS ACTIVITY AT THE SITE, THE PERMITTEE SHALL VISUALLY OBSERVE THAT PORTION OF THE CONSTRUCTION PROJECT WHERE ACTIVE DISTURBANCE, WORK, OR CONSTRUCTION OCCURRED TO NOTE ANY RAINFALL MEASUREMENTS OCCURRING SINCE THE PREVIOUS OBSERVATION, AND ANY APPARENT BMP DEFICIENCIES IN THE AREA OF ACTIVE DISTURBANCE.
B. SUCH DAILY OBSERVATIONS MAY BE PERFORMED BY APPROPRIATE SITE PERSONNEL.
C. THE PERMITTEE SHALL MAINTAIN A LOG OF ALL DAILY OBSERVATIONS AND RECORD IN SUCH LOG ANY RAINFALL MEASUREMENTS AND BMP DEFICIENCIES OBSERVED.
3. SITE INSPECTIONS
A. A SITE INSPECTION SHALL CONSIST OF A COMPLETE AND COMPREHENSIVE OBSERVATION OF THE ENTIRE CONSTRUCTION SITE INCLUDING ALL AREAS OF LAND DISTURBANCE, AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION, AFFECTED DITCHES, AND OTHER STORMWATER CONVEYANCES AS WELL AS ALL OUTFALLS, RECEIVING WATERS AND STREAM BANKS TO DETERMINE IF AND ENSURE THAT:
(i) EFFECTIVE EROSION CONTROLS AND SEDIMENT CONTROLS HAVE BEEN FULLY IMPLEMENTED AND MAINTAINED IN ACCORDANCE WITH THIS PERMIT, THE SITE CBMP, AND THE MISSISSIPPI HANDBOOK;
(ii) POLLUTANT DISCHARGES HAVE BEEN PREVENTED/MINIMIZED TO THE MAXIMUM EXTENT PRACTICABLE, AND
(iii) DISCHARGES DO NOT RESULT IN A CONTRAVENTION OF APPLICABLE STATE WATER QUALITY STANDARDS FOR THE RECEIVING STREAM(S) OR OTHER WATERS IMPACTED OR AFFECTED BY THE PERMITTEE.
B. SITE INSPECTIONS SHALL BE PERFORMED BY A QCI, QCP, A QUALIFIED PERSON UNDER THE DIRECT SUPERVISION OF A QCP.
C. FOR NON-LINEAR PROJECTS, A SITE INSPECTION SHALL BE PERFORMED ONCE EACH MONTH AND AFTER ANY QUALIFYING PRECIPITATION EVENT, COMMENCING AS PROMPTLY AS POSSIBLE, BUT NO LATER THAN 24-HOURS AFTER RESUMING OR CONTINUING ACTIVE CONSTRUCTION OR DISTURBANCE, AND COMPLETED NO LATER THAN 72-HOURS FOLLOWING THE QUALIFYING PRECIPITATION EVENT;
D. FOR LINEAR PROJECTS WHERE ACTIVE CONSTRUCTION OR AREAS WHERE PERENNIAL VEGETATION HAS NOT BEEN FULLY ESTABLISHED, MEETING THE DEFINITION OF FINAL STABILIZATION, A SITE INSPECTION SHALL BE PERFORMED AT LEAST ONCE A MONTH AND AFTER ANY QUALIFYING PRECIPITATION EVENT SINCE THE LAST INSPECTION, BEGINNING AS PROMPTLY AS POSSIBLE, BUT NO LATER THAN 24-HOURS AFTER RESUMING OR CONTINUING ACTIVE CONSTRUCTION OR DISTURBANCE AND COMPLETED NO LATER THAN FIVE (5) DAYS AFTER THE QUALIFYING PRECIPITATION EVENT;
E. A SITE INSPECTION SHALL ALSO BE PERFORMED AS OFTEN AS IS NECESSARY UNTIL ANY POORLY FUNCTIONING EROSION CONTROLS OR SEDIMENT CONTROLS, NON-COMPLIANT DISCHARGES, OR ANY OTHER DEFICIENCIES OBSERVED DURING A PRIOR INSPECTION ARE CORRECTED AND DOCUMENTED AS BEING IN COMPLIANCE WITH THE REQUIREMENTS OF THIS PERMIT.
F. ON ALL ACTIVE DISTURBANCE, DREDGING, EXCAVATION, OR CONSTRUCTION UNDERTAKEN OR LOCATED WITHIN THE BANKS OF A WATERBODY, INCLUDING BUT NOT LIMITED TO, EQUIPMENT/VEHICLE CROSSINGS, PIPELINES, OR ANOTHER TRANSMISSION LINE INSTALLATION, CONVEYOR STRUCTURE INSTALLATION, AND WATERBODY RELOCATION, STREAMBANK STABILIZATION, OR OTHER ALTERATIONS, A SITE INSPECTION SHALL BE PERFORMED AT LEAST ONCE A WEEK AND AS OFTEN AS IS NECESSARY UNTIL THE DISTURBANCE/ACTIVITY IMPACTING THE WATERBODY IS COMPLETE AND RECLAMATION OR EFFECTIVE STORMWATER QUALITY REMEDIATION IS ACHIEVED.
G. CONTRACTOR HAS WITHIN 72 HOURS TO TAKE THE CORRECTIVE ACTION TO FIX FOR POORLY FUNCTIONING EROSION AND SEDIMENT CONTROLS PER INSPECTION REPORT.
H. AN EVALUATION SHOULD BE PERFORMED AS OFTEN AS NECESSARY UNTIL POORLY FUNCTIONING OR DAMAGED EROSION CONTROLS ARE CORRECTED, AND, AT A MINIMUM, ONCE EVERY 3 MONTHS.

WASTE DISPOSAL:

- 1. WASTE MATERIALS: ALL WASTE MATERIALS WILL BE COLLECTED AND STORED TO BE PROPERLY DISPOSED OF AT A LICENSED SOLID WASTE MANAGEMENT COMPANY. LOCATE WASTE COLLECTION AREAS AWAY FROM STREETS, GUTTERS, WATERCOURSES, AND STORM DRAINS. WASTE COLLECTION AREAS, SUCH AS DUMPSTERS, ARE OFTEN BEST LOCATED NEAR CONSTRUCTION SITE ENTRANCES TO MINIMIZE TRAFFIC ON DISTURBED SOIL. DISPOSAL SHALL BE PERIODICALLY AS NEEDED. NO CONSTRUCTION MATERIALS WILL BE BURIED ON-SITE. ALL PERSONNEL WILL BE INSTRUCTED CONCERNING WASTE DISPOSAL. THE CONTRACTOR WILL BE RESPONSIBLE FOR THIS INSTRUCTION, AND WILL BE RESPONSIBLE FOR SEEING THAT THESE INSTRUCTIONS ARE FOLLOWED.
2. HAZARDOUS WASTE: ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL OR STATE REGULATION OR BY THE MANUFACTURER. SITE PERSONNEL WILL BE INSTRUCTED IN THESE PRACTICES, AND THE CONTRACTOR WILL BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED.
3. SANITARY WASTE: IF NEEDED, PORTABLE UNITS WILL BE USED TO COLLECT SANITARY WASTE. ALL SANITARY WASTE TO BE DISPOSED OF PROPERLY ACCORDING TO STATE AND FEDERAL CODE.
4. CONTRACTOR WILL PROPERLY DISPOSE OF WASTE EVERY MONTH.

QCI DETAILS:

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SEE SHEET C105 FOR EROSION AND SEDIMENTATION CONTROL PLAN

SPILL PREVENTION AND CONTROL NOTES:

- 1. PETROLEUM PRODUCTS: ALL ONSITE VEHICLES WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. PETROLEUM PRODUCTS WILL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE CLEARLY LABELED. ANY ASPHALT SUBSTANCES USED ON-SITE WILL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.
2. FERTILIZERS: FERTILIZERS USED WILL BE APPLIED ONLY IN THE MINIMUM AMOUNTS RECOMMENDED BY THE MANUFACTURER. ONCE APPLIED, FERTILIZER WILL BE WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORM WATER. STORAGE WILL BE IN A CLEAN, DRY PLACE. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER WILL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS.
3. PAINTS: ALL CONTAINERS WILL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT WILL NOT BE DISCHARGED TO THE STORM SEWER SYSTEM BUT WILL BE PROPERLY DISPOSED OF ACCORDING TO MANUFACTURER'S INSTRUCTIONS OR STATE AND LOCAL REGULATIONS.
4. AN EFFORT WILL BE MADE TO STORE ONLY ENOUGH PRODUCT REQUIRED TO DO THE JOB.
5. ALL MATERIALS STORED ON-SITE WILL BE STORED IN A NEAT, ORDERLY MANNER IN THEIR APPROPRIATE CONTAINERS.
6. PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH THE ORIGINAL MANUFACTURER'S LABEL.
7. SUBSTANCES WILL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER.
8. WHENEVER POSSIBLE, ALL OF A PRODUCT WILL BE USED UP BEFORE DISPOSING OF THE CONTAINER.
9. MANUFACTURER'S RECOMMENDATIONS FOR PROPER USE AND DISPOSAL WILL BE FOLLOWED.
10. THE SITE SUPERINTENDENT WILL INSPECT DAILY TO ENSURE PROPER USE AND DISPOSAL OF MATERIALS ON-SITE.
11. THESE PRACTICES ARE USED TO REDUCE THE RISKS ASSOCIATED WITH HAZARDOUS MATERIALS:
A. PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINERS UNLESS THEY ARE NOT RE-SEALABLE.
B. ORIGINAL LABELS AND MATERIAL SAFETY DATA WILL BE RETAINED.
C. IF SURPLUS PRODUCT MUST BE DISPOSED OF, MANUFACTURER'S OR LOCAL AND STATE RECOMMENDED METHODS FOR PROPER DISPOSAL WILL BE FOLLOWED.
12. MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED AND SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES AND THE LOCATION OF THE INFORMATION AND CLEANUP SUPPLIES.
13. MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREA ON-SITE. EQUIPMENT AND MATERIALS WILL INCLUDE BUT NOT BE LIMITED TO BROOMS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, KITTY LITTER, SAND, SAWDUST, AND PLASTIC AND METAL TRASH CONTAINERS AS APPROPRIATE.
14. ALL SPILLS WILL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY.
15. THE SPILL AREA WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE.
16. SPILLS OF TOXIC OR HAZARDOUS MATERIAL WILL BE REPORTED TO THE APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY, REGARDLESS OF THE SIZE.
17. THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM RE-OCCURRING AND HOW TO CLEAN UP THE SPILL IF THERE IS ANOTHER ONE. A DESCRIPTION OF THE SPILL, WHAT CAUSED IT, AND THE CLEANUP MEASURES WILL ALSO BE INCLUDED.
18. THE CONTRACTOR RESPONSIBLE FOR THE DAY-TO-DAY SITE OPERATIONS, WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. ANY SPILL SHALL BE REPORTED TO HIM FOR IMMEDIATE ACTION AS SOON AS THE SPILL IS DISCOVERED.
19. THERE WILL BE A CONCRETE WASH AREA ON-SITE AND IT SHALL BE LOCATED IN AN UPLAND AREA AWAY FROM DRAINAGE CONTAIN WITH BARRICADES IF STORAGE IS CONDUCTED ON-SITE.
A. IF STORM LIQUIDS HAVE NOT BEEN EVAPORATED AND THE WASHOUT IS NEARING CAPACITY, VACUUM AND DISPOSE OF THEM IN AN APPROVED MANNER. CONCRETE WASH WATER IS NOT ALLOWED IN THE SANITARY SYSTEM.
B. REMOVE LIQUIDS OR COVER THE STRUCTURES BEFORE PREDICTED RAINSTORMS TO PREVENT OVERFLOWS. CONTRACTOR CAN REMOVE HARDENED SOLIDS WHOLE OR BREAK THEM UP.
C. CONTRACTOR CAN REUSE THE SOLIDS ON-SITE OR HAUL THEM AWAY FOR RECYCLING.
D. WHEN MATERIALS ARE REMOVED FROM THE CONCRETE WASHOUT, BUILD A NEW STRUCTURE OR, IF THE PREVIOUS STRUCTURE IS STILL INTACT, INSPECT THE STRUCTURE FOR SIGNS OF WEAKENING OR DAMAGE AND MAKE ANY NECESSARY REPAIRS. LINE THE STRUCTURE WITH NEW PLASTIC THAT IS FREE OF HOLES OR TEARS AND REPLACE SIGNAGE IF NECESSARY.
20. THE PERMITTEE SHALL PREPARE, IMPLEMENT, AND MAINTAIN A SPILL PREVENTION, CONTROL AND COUNTERMEASURES (SPCC) PLAN FOR ALL APPLICABLE ONSITE PETROLEUM STORAGE TANKS. THE PERMITTEE SHALL ALSO PREPARE, IMPLEMENT, AND MAINTAIN A SPCC PLAN FOR ANY STORED POLLUTANT(S) THAT MAY, IF SPILLED, BE REASONABLY EXPECTED TO ENTER A WATER OF THE STATE OR THE COLLECTION SYSTEM FOR A PUBLICLY OR PRIVATELY OWNED TREATMENT WORKS. THE SPCC PLAN(S) SHALL BE MAINTAINED AS A SEPARATE DOCUMENT OR AS PART OF THE CBMP PLAN. THE PERMITTEE SHALL IMPLEMENT APPROPRIATE STRUCTURAL AND/OR NON-STRUCTURAL SPILL PREVENTION, CONTROL, AND/OR MANAGEMENT SUFFICIENT TO PREVENT ANY SPILL OF POLLUTANTS FROM ENTERING A WATER OF THE STATE OR A PUBLICLY OR PRIVATELY OWNED TREATMENT WORKS. ANY CONTAINMENT SYSTEM USED TO IMPLEMENT THIS REQUIREMENT SHALL BE CONSTRUCTED OF MATERIALS COMPATIBLE WITH THE SUBSTANCE(S) TO BE CONTAINED AND OF MATERIALS WHICH SHALL PREVENT THE CONTAMINATION OF GROUNDWATER AND SHALL BE CAPABLE OF RETAINING 110% OF THE VOLUME OF THE LARGEST CONTAINER OF POLLUTANTS FOR WHICH THE CONTAINMENT SYSTEM IS PROVIDED. THE PERMITTEE SHALL MAINTAIN ONSITE STORAGE AND HANDLING SUFFICIENT OIL AND GREASE ABSORBING MATERIAL AND FLOTATION BOOMS TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS. SOIL CONTAMINATED BY PAINT OR CHEMICAL SPILLS, OIL SPILLS, ETC. MUST BE IMMEDIATELY CLEANED UP, REMEDIATED, OR BE REMOVED AND DISPOSED OF IN AN MDEQ APPROVED MANNER.
21. ALL POLLUTANTS FROM EQUIPMENT/VEHICLE WASHING SHALL BE CONTAINED AND PROPERLY DISPOSED OF.

SITE DETAILS:

- 1. NATURE OF THE CONSTRUCTION ACTIVITY = DEMOLITION, CLEARING & GRUBBING, AND COMMERCIAL RETAIL DEVELOPMENT.
2. TOTAL AREA OF THE SITE = 6.997 ACRES
3. TOTAL DISTURBED AREA = 6.917 ACRES (5.598 ACRES, ONSITE; 1.319 ACRES OFFSITE)
4. EXISTING TOPOGRAPHIC MAP = SEE SWPPP FOR USGS QUAD MAP
5. PLAN INDICATING DRAINAGE PATTERNS AND APPROXIMATE SLOPES ANTICIPATED AFTER MAJOR GRADING ACTIVITIES = SEE SHEET C106 & C107
6. SEE SHEETS C105 & C105.2 FOR ALL STRUCTURAL AND NONSTRUCTURAL BMP'S.
7. IDENTIFICATION OF RECEIVING WATER(S) = UNNAMED TRIBUTARY OF TOWN CREEK.
8. DRAINAGE SYSTEM THAT THE SITE IS DISCHARGING TO = N/A
9. BUFFERED STATE WATERS PRESENT ON SITE = YES
10. WETLAND ACREAGE AT THE SITE = NONE
11. THE SUBJECT PROPERTY LIES WITHIN THE 100 YEAR FLOOD HAZARD AREA PER FIRM MAP NUMBER 28081C0135C DATED 02/03/2010 AND MAP NUMBER 28081C0142E DATED 02/03/2010.
12. NAMES AND ADDRESSES OF ALL SECONDARY PERMITTEES = N/A
13. DESCRIPTION OF APPROPRIATE CONTROLS AND MEASURES THAT WILL BE IMPLEMENTED AT THE CONSTRUCTION SITE = SEE SWPPP AND SHEETS C105 & C105.2.
14. DISCHARGE POINT: MULTIPLE DISCHARGE POINTS PROPOSED (SEE SHEET C107)
15. RECEIVING POINT: UNNAMED TRIBUTARY OF TOWN CREEK (SEE SWPPP, QUAD MAP)
16. PRIMARY SIC CODE= 5541; PRIMARY NAICS = 447110
17. POLLUTANTS CAUSING IMPAIRMENT OF RECEIVING WATERS AND SPECIFIC REQUIREMENTS IN THE TMDL(S) THAT ARE APPLICABLE TO CONSTRUCTION SITES = N/A
18. MISSISSIPPI'S 303(d) LIST OF IMPAIRED WATERS = N/A
19. POTENTIAL SOURCES OF SEDIMENT OR POLLUTANTS TO STORMWATER RUNOFF = LAND DEVELOPMENT, IMPERVIOUS RUNOFF (ROOFS & PAVEMENTS), AND STORM SEWERS



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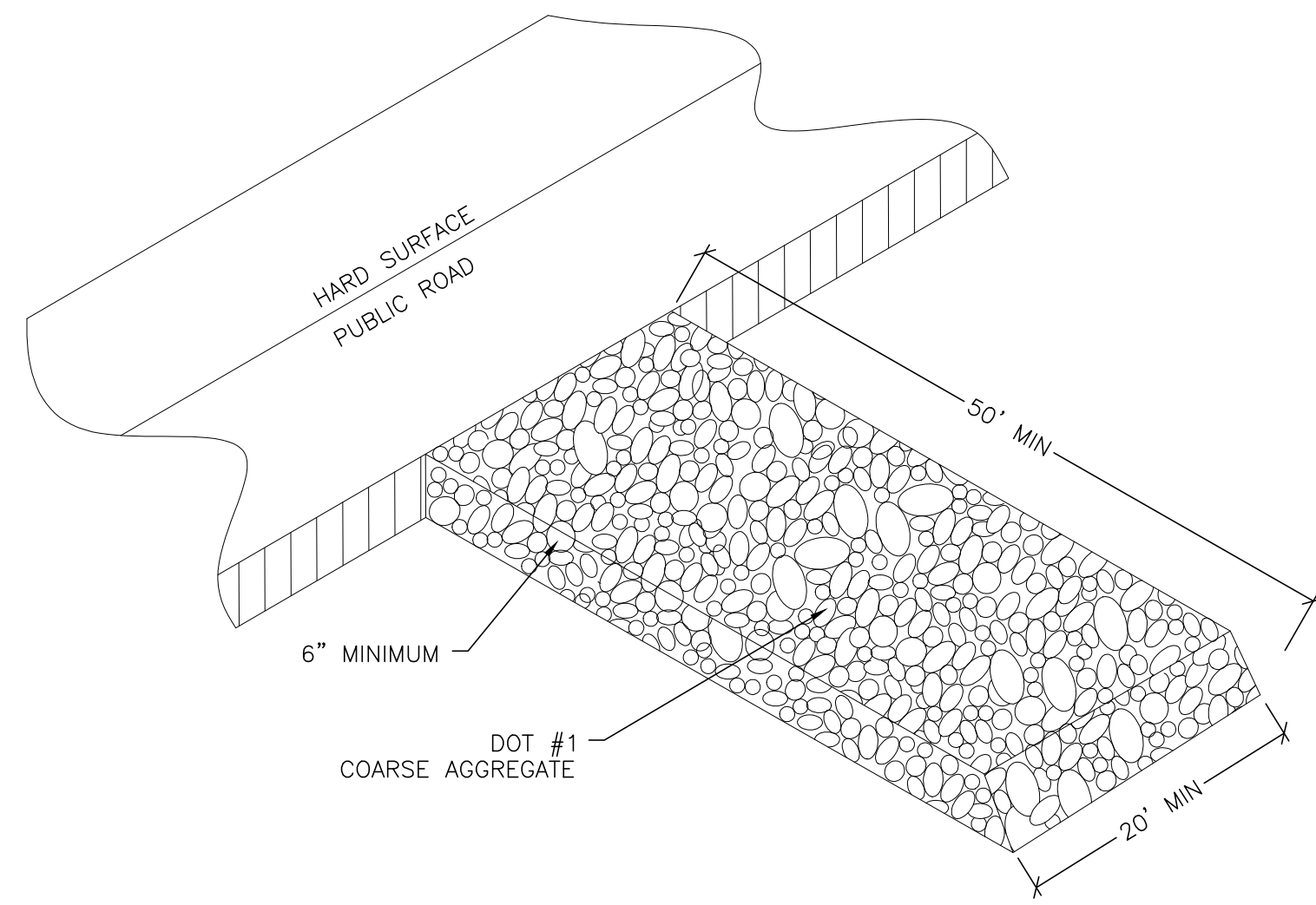
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Table with columns: PROJECT NUMBER (CE #25001), DATE (MARCH 31, 2026), DRAWN BY (MSC), and a REVISIONS table with columns NO., DATE, and description.

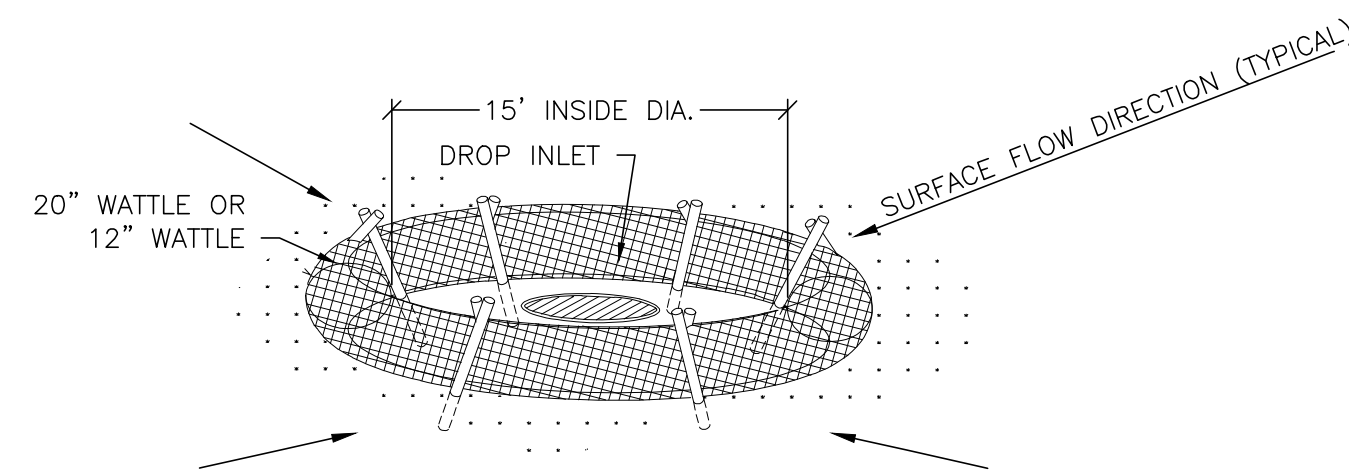
DUN-N-1 TRAVEL CENTER
SECTION 10, TOWNSHIP 05, RANGE 5E
TUPELO, MISSISSIPPI 38804
S & W TRAVEL CENTERS, LLC
987 DOGWOOD COVE
TUPELO, MS 38801



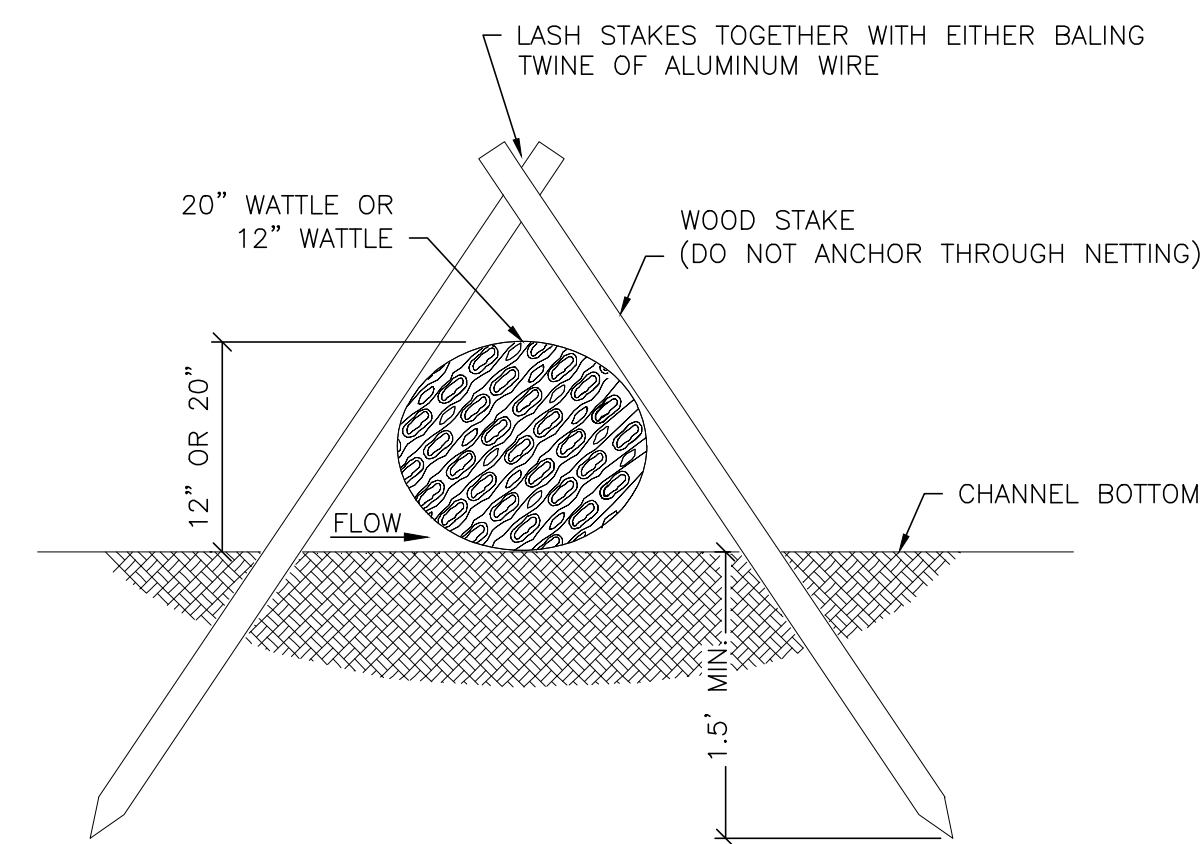
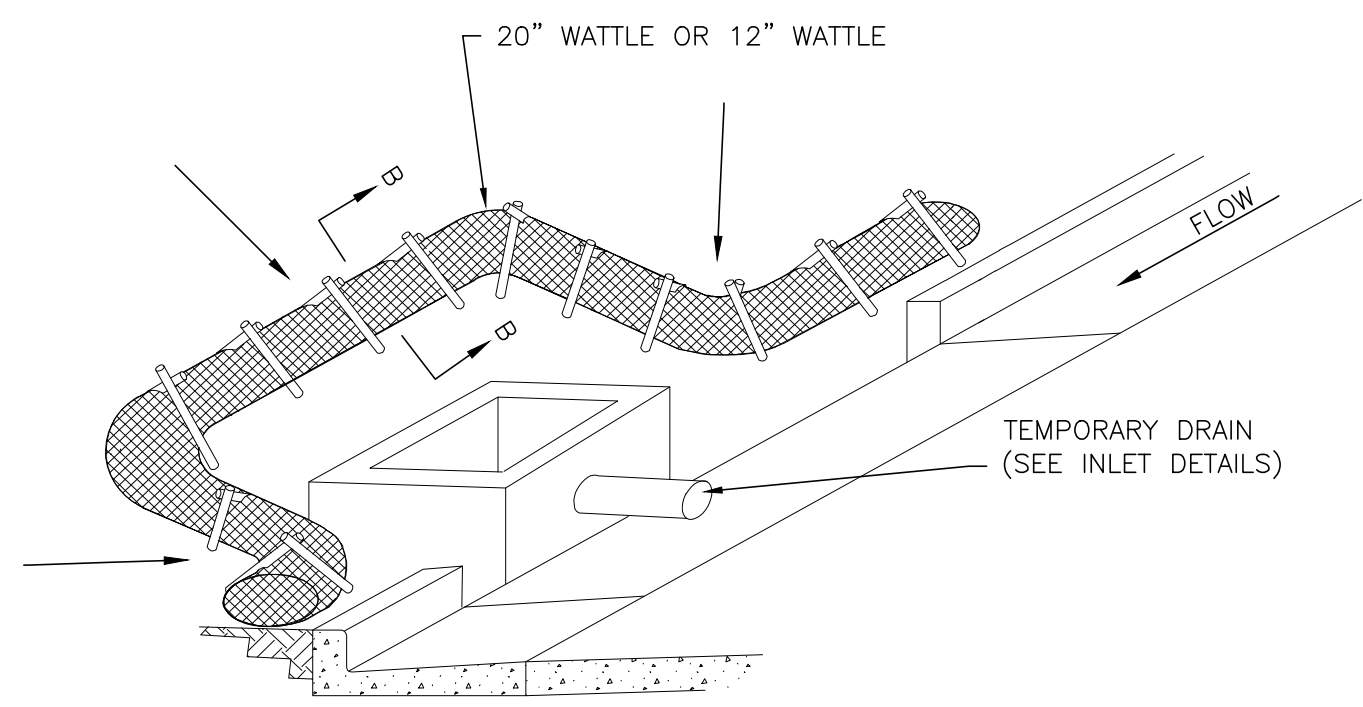
CBMP NOTES
C105.1



1 GRAVEL CONSTRUCTION ENTRANCE
N.T.S.



NOTE: SILT FENCE OF SANDBAGS MAY ALSO BE USED FOR THIS APPLICATION. HAY BALES NOT ACCEPTABLE DURING THIS STAGE.

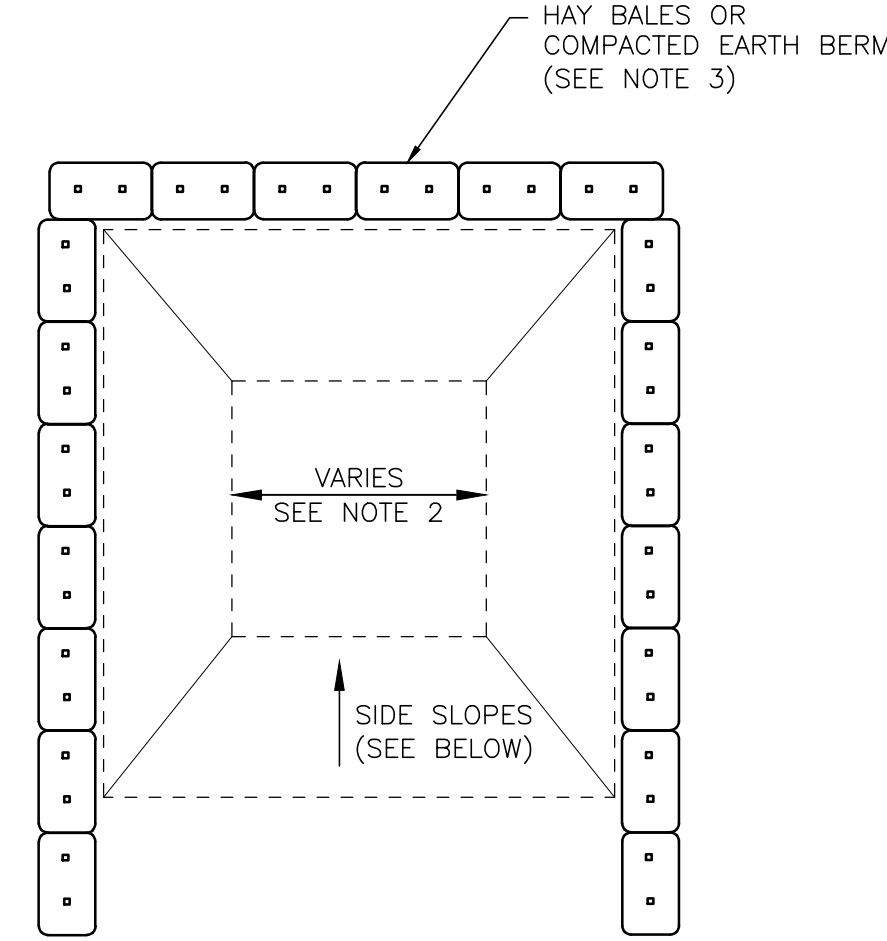


- NOTES:
1. ANCHORING STAKES SHALL BE SIZED, SPACED, AND BE OF A MATERIAL THAT EFFECTIVELY SECURES THE WATTLE. STAKE SPACING SHALL BE A MAXIMUM OF THREE FEET.
 2. OVERLAP ENDS OF WATTLES PER MANUFACTURER'S RECOMMENDATIONS (1" MIN., 3" MAX).
 3. TRENCHING OF WATTLES MAY BE NECESSARY IF PIPING BECOMES EVIDENT.
 4. IN THE EVENT WATTLES CANNOT BE SECURED IN PLACE USING WOOD STAKES, SANDBAGS MAY BE USED IN LIEU OF WOOD STAKES IN ORDER TO SECURE WATTLES IN PLACE. COST OF SANDBAGS USED IN THIS APPLICATION SHALL BE INCLUDED IN OTHER ITEMS BID.

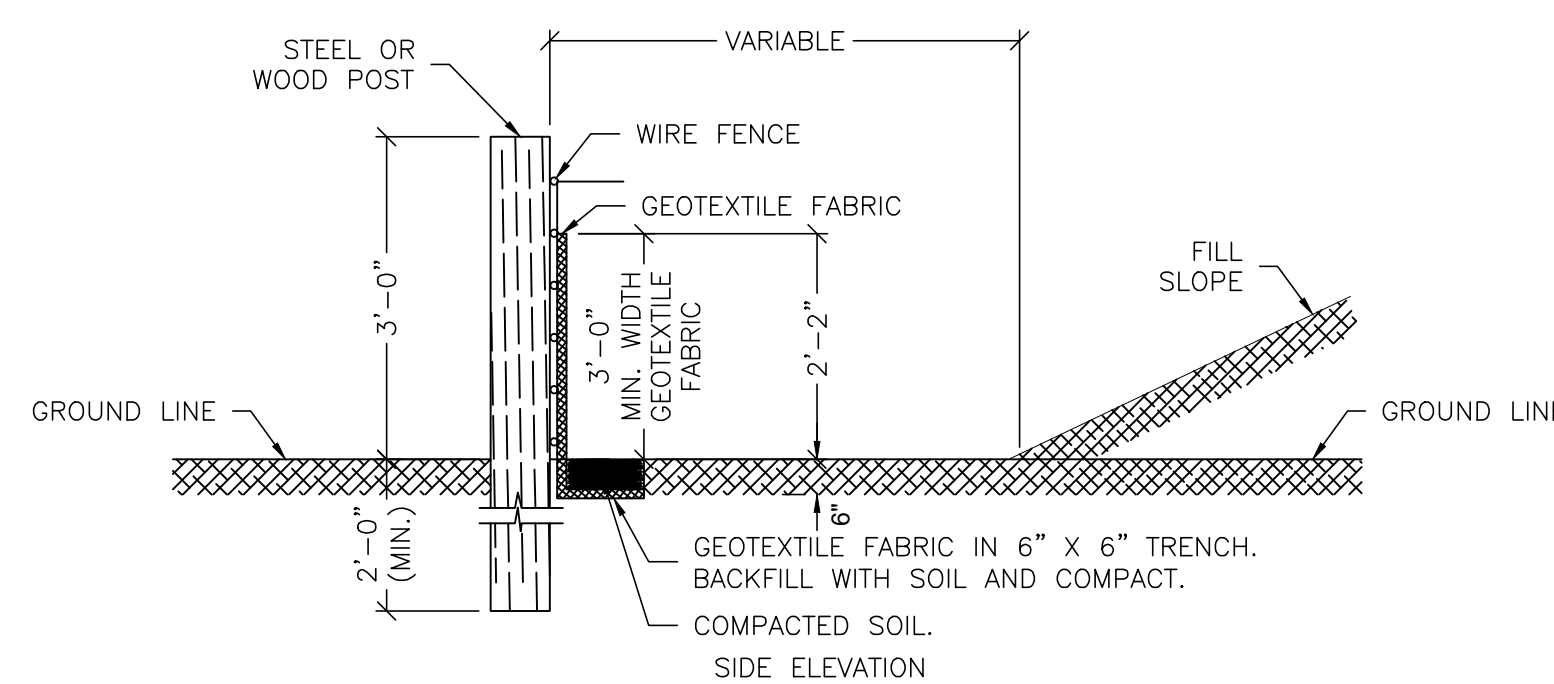
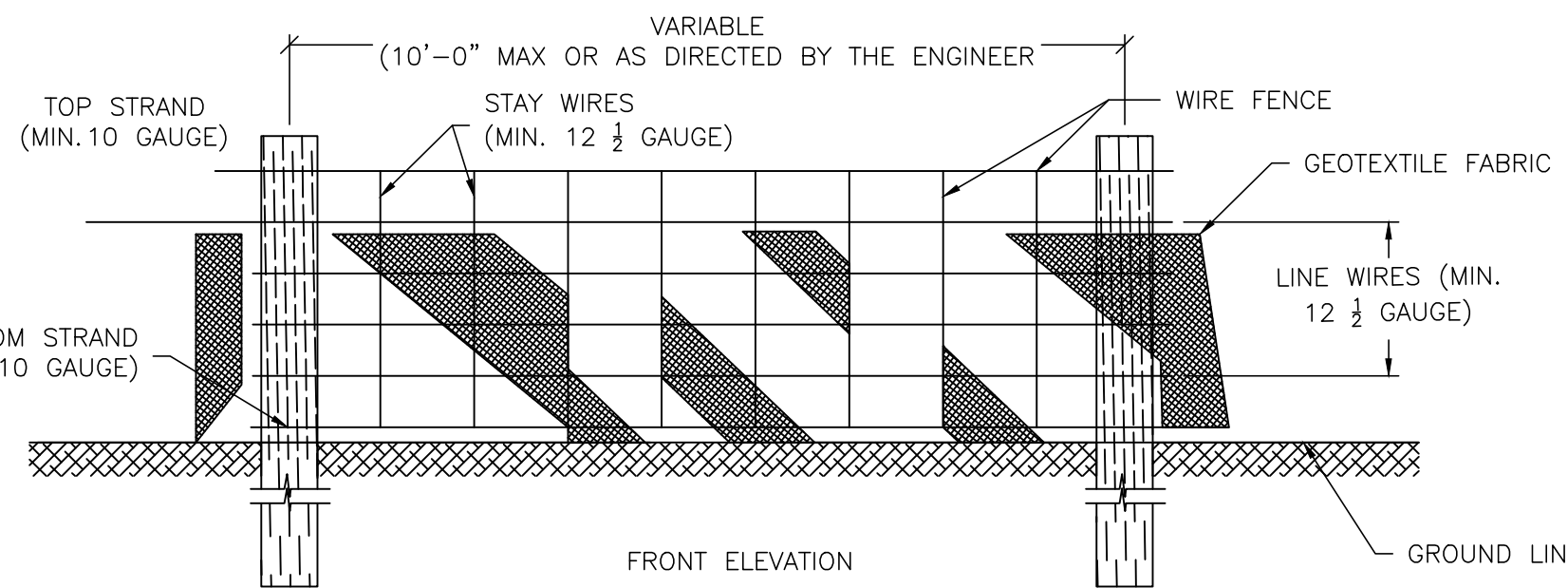
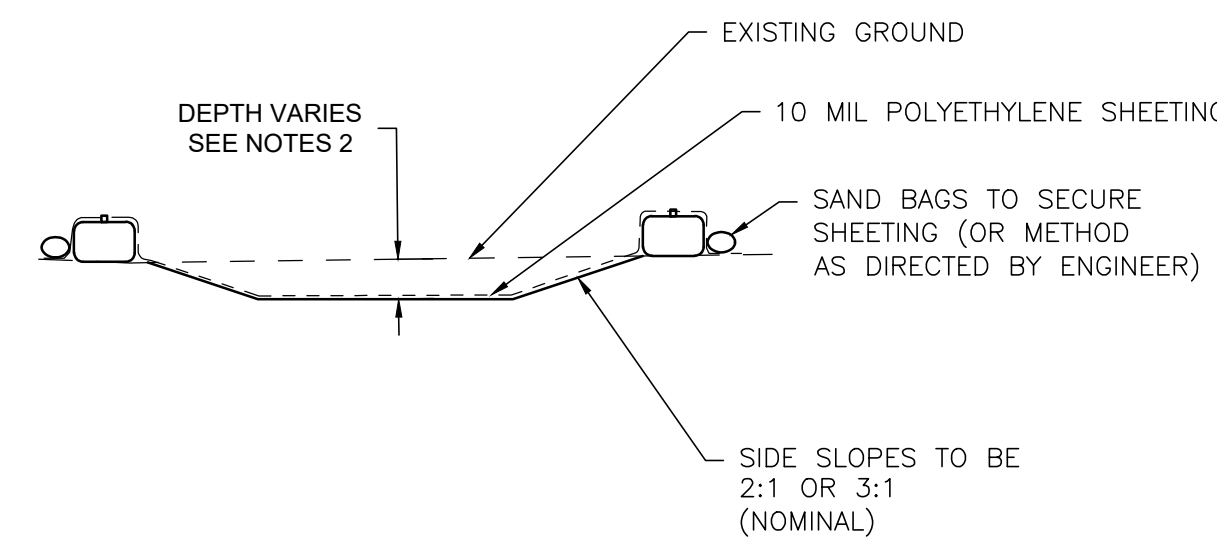
5 INLET PROTECTION DETAILS OF WATTLES
N.T.S.

NOTES

1. CONCRETE WASHOUT AREA(S) SHALL BE INSTALLED PRIOR TO CONCRETE PLACEMENT ON SITE. THE CONCRETE WASHOUT AREA SHALL BE ENTIRELY SELF-CONTAINED.
2. THE CONTRACTOR SHALL SUBMIT THE DESIGN, LOCATION AND SIZING OF THE CONCRETE WASHOUT AREA(S) WITH THE PROJECT'S EROSION AND SEDIMENTATION CONTROL PLAN AND SHALL BE APPROVED BY THE ENGINEER. LOCATION: WASHOUT AREA(S) ARE TO BE LOCATED AT LEAST 50 FEET FROM ANY STREAM, WETLAND, STORM DRAINS, OR OTHER SENSITIVE RESOURCE. THE FLOOD CONTINGENCY PLAN MUST ADDRESS THE CONCRETE WASHOUT IF THE WASHOUT IS TO BE LOCATED WITHIN THE FLOODPLAIN. SIZE: THE WASHOUT MUST HAVE SUFFICIENT VOLUME TO CONTAIN ALL LIQUID AND CONCRETE WASTE GENERATED BY WASHOUT OPERATIONS INCLUDING, BUT NOT LIMITED TO, OPERATIONS ASSOCIATED WITH GROUT AND MORTAR.
3. SURFACE DISCHARGE IS UNACCEPTABLE. THEREFORE, HAY BALES OR OTHER CONTROL MEASURES, AS APPROVED BY THE ENGINEER, SHOULD BE USED AROUND THE PERIMETER OF THE CONCRETE WASHOUT AREA FOR CONTAINMENT.
4. SIGNS SHOULD BE PLACED AT THE CONSTRUCTION ENTRANCE, AT THE CONCRETE AREA(S) AND ELSEWHERE AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CONCRETE WASHOUT TO OPERATORS OF CONCRETE TRUCKS AND PUMP TRUCKS. WASHOUT AREA(S) SHOULD BE FLAGGED WITH SAFETY FENCING OR OTHER APPROVED METHOD.
5. WASHOUT AREA(S) ARE TO BE INSPECTED AT LEAST ONCE A WEEK FOR STRUCTURAL INTEGRITY, ADEQUATE HOLDING CAPACITY AND CHECKED FOR LEAKS, TEARS, OR OVERFLOWS. (AS REQUIRED BY THE CONSTRUCTION SITE ENVIRONMENTAL INSPECTION REPORT) WASHOUT AREA(S) SHOULD BE CHECKED AFTER HEAVY RAINS.
6. HARDENED CONCRETE WASTE SHOULD BE REMOVED AND DISPOSED OF WHEN THE WASTE HAS ACCUMULATED TO HALF OF THE CONCRETE WASHOUT'S HEIGHT. THE WASTE CAN BE STORED AT AN UPLAND LOCATION AS APPROVED BY THE ENGINEER. ALL CONCRETE WASTE SHALL BE DISPOSED OF IN A MANNER CONSISTENT WITH ALL APPLICABLE LAWS, REGULATIONS, AND GUIDELINES.
7. PAYMENT FOR THIS ITEM IS TO BE INCLUDED UNDER THE GENERAL COST OF THE WORK FOR THE PROJECT, INCLUDING SITE RESTORATION.

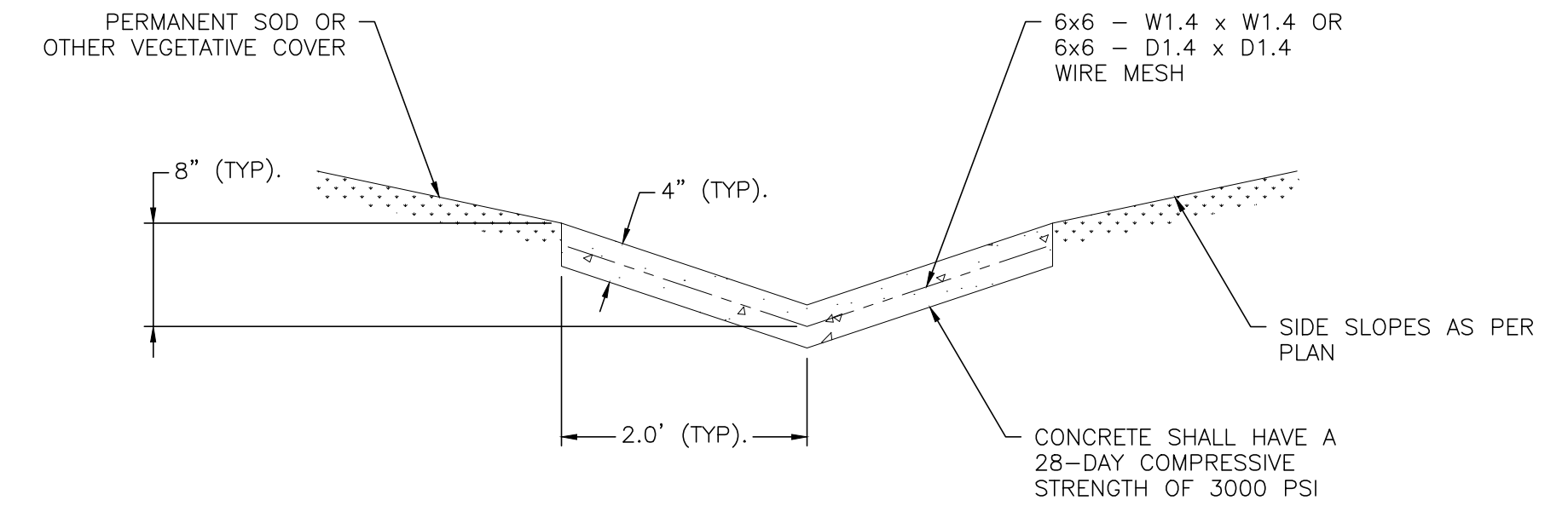


2 CONCRETE WASHOUT AREA
N.T.S.

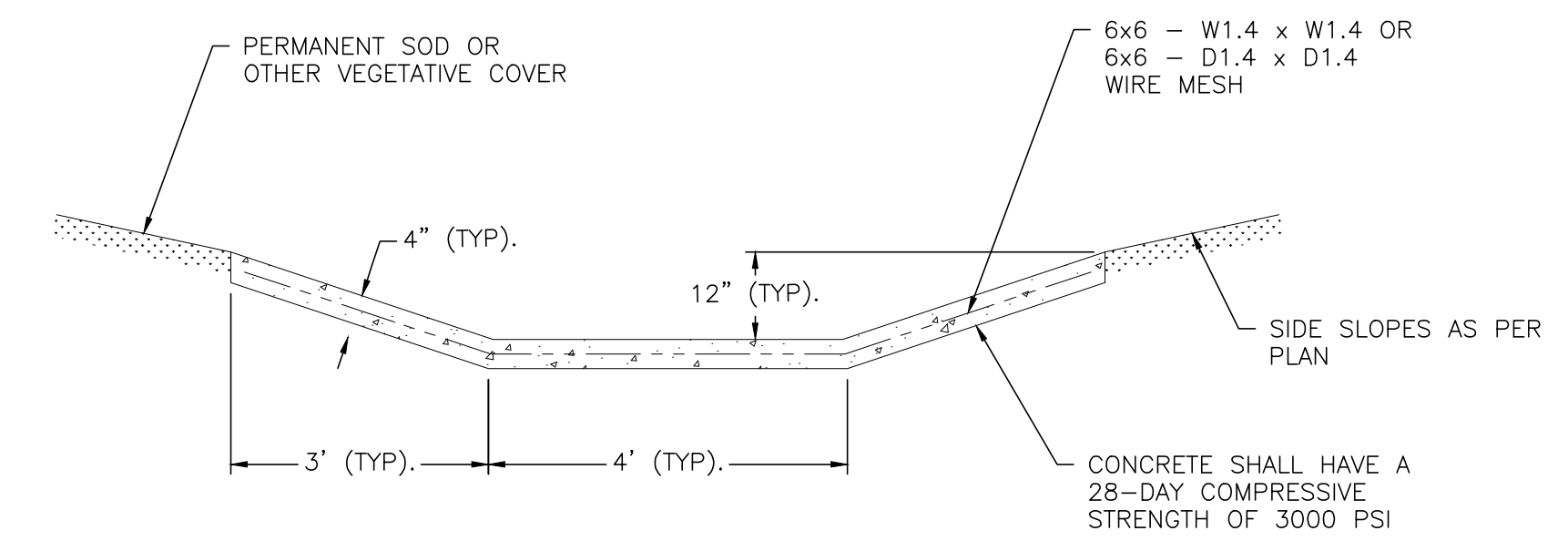


- NOTES:
1. WIRE SHALL BE MINIMUM OF 32" IN WIDTH AND SHALL HAVE A MAXIMUM OF 6 LINE WIRES WITH 12" STAY SPACING.
 2. GEOTEXTILE FABRIC SHALL BE A MINIMUM OF 36" IN WIDTH AND SHALL BE FASTENED ADEQUATELY TO THE WIRE AS DIRECTED BY THE ENGINEER.
 3. STEEL POST SHALL BE 5'-0" IN HEIGHT AND OF THE SELF-FASTENER 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 NO LESS THAN 9 GAUGE WIRE STAPLES 1" LONG.
 4. GEOTEXTILE FABRIC MEETING THE TYPE II MATERIAL REQUIREMENTS AND INSTALLED ACCORDING TO SPECIFICATIONS MAY BE USED WITHOUT WIRE FENCE.

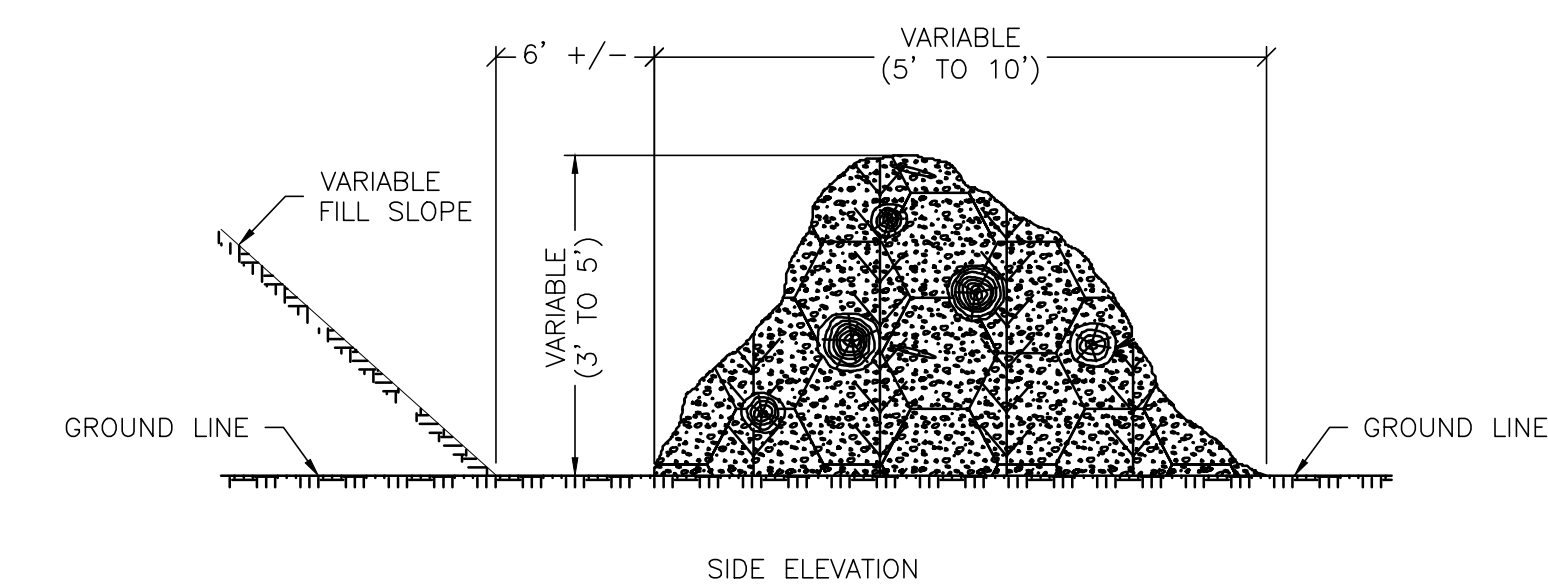
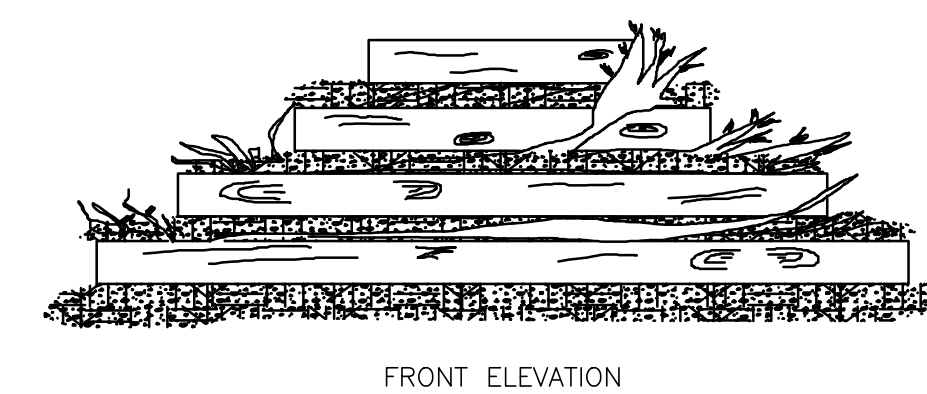
6 TEMPORARY SILT FENCE
N.T.S.



3 TYPICAL V-DITCH PAVED FLUME
N.T.S.



4 TYPICAL TRAPEZOIDAL PAVED FLUME
N.T.S.



- NOTES:
1. BRUSH BARRIER MAY 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 TO, TO PROPERLY SECURE THE BARRIER AS DETAILED AT LOCATIONS SHOWN ON PLANS OR AS DIRECTED OR PERMITTED BY THE ENGINEER.
 3. TO ALLOW WATER TO SEEP THROUGH BRUSH BARRIER, INTERMINGLE THE BRUSH, LOG AND TREE LAPS SO AS TO NOT FORM A SOLID DAM.
 4. THE BRUSH BARRIER MAY BE CHOKED WITH FILTER FABRIC. THE COST OF FABRIC TO BE INCLUDED IN OTHER ITEMS BID.
 5. TEMPORARY BRUSH BARRIER WILL NOT BE MEASURED FOR SEPARATE PAYMENT.

7 TEMPORARY BRUSH BARRIER
N.T.S.

PROJECT NUMBER	CE #25001
DATE	MARCH 31, 2026
DRAWN BY	MSC
REVISIONS	
NO.	
DATE	

