

AI 82426

MSR108813

rec'd via email 9/21/2022

M^cMASTER & ASSOCIATES, INC.
CIVIL ENGINEERS & LAND SURVEYORS

TRANSMITTAL MEMORANDUM

To: Florance Bass, P.E.	Transmitted Via:
From: Caleb Lee, E.I.	Mail: _____
Date: September 21, 2022	Hand Delivered: _____
Subject: Ridgeland Medical Office Building Concourse Boulevard Madison Co., MS	Overnight Mail: _____
	Email: <u> X </u>
	Pages w/Cover: <u> 11 </u>

Items Enclosed/Description

Please find attached the SWPPP permit for the above referenced project. Please contact me at 601-605-1090, if you need any additional information or have any comments.

Sincerely,

Caleb Lee, E.I.



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: _____
OWNER COMPANY LEGAL NAME: _____
OWNER STREET OR P.O. BOX: _____
OWNER CITY: _____ **STATE:** _____ **ZIP:** _____
OWNER PHONE #: (____) _____ **OWNER EMAIL:** _____

PREPARER CONTACT INFORMATION

IF NOI WAS PREPARED BY SOMEONE OTHER THAN THE APPLICANT

CONTACT PERSON: _____
COMPANY LEGAL NAME: _____
STREET OR P.O. BOX: _____
CITY: _____ **STATE:** _____ **ZIP:** _____
PHONE # () _____ **EMAIL:** _____

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: _____

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

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

LATITUDE: ____ degrees ____ minutes ____ seconds **LONGITUDE:** ____ degrees ____ minutes ____ seconds

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

TOTAL ACREAGE THAT WILL BE DISTURBED ¹: _____

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: _____
 YYYY-MM-DD

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

DESCRIPTION OF CONSTRUCTION ACTIVITY: _____

PROPOSED DESCRIPTION OF PROPERTY USE AFTER CONSTRUCTION HAS BEEN COMPLETED:

SIC Code: _____ **NAICS Code** _____

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

FOR WHICH POLLUTANT:

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 POLYACRYLIMIDE (PAM)
 OTHER _____

IF YES, DOES THE SWPPP DESCRIBE THE METHOD OF INTRODUCTION, THE LOCATION OF INTRODUCTION AND THE LOCATION OF WHERE FLOCCULATED MATERIAL WILL SETTLE?

IS A SDS SHEET INCLUDED FOR THE FLOCCULATE? YES NO

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

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: _____

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

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

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

IS THE PROJECT REROUTING, FILLING OR CROSSING A STATE WATER CONVEYANCE OF ANY KIND? (If yes, please provide an antidegradation report.) YES NO

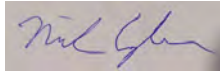
IS A LAKE REQUIRING THE CONSTRUCTION OF A DAM BEING PROPOSED? (If yes, provide appropriate approval documentation from MDEQ Office of Land and Water, Dam Safety.) YES NO

IF THE PROJECT IS A SUBDIVISION OR A COMMERCIAL DEVELOPMENT, HOW WILL SANITARY SEWAGE BE DISPOSED? Check one of the following and attach the pertinent documents.

- Existing Municipal or Commercial System. Please attach plans and specifications for the collection system and the associated "Information Regarding Proposed Wastewater Projects" form or approval from County Utility Authority in Hancock, Harrison, Jackson, Pearl River and Stone Counties. If the plans and specifications can not be provided at the time of LCNOI submittal, MDEQ will accept written acknowledgement from official(s) responsible for wastewater collection and treatment that the flows generated from the proposed project can and will be transported and treated properly. The letter must include the estimated flow.
- Collection and Treatment System will be Constructed. Please attach a copy of the cover of the NPDES discharge permit from MDEQ or indicate the date the application was submitted to MDEQ (Date: _____.)
- Individual Onsite Wastewater Disposal Systems for Subdivisions Less than 35 Lots. Please attach a copy of the Letter of General Acceptance from the Mississippi State Department of Health or certification from a registered professional engineer that the platted lots should support individual onsite wastewater disposal systems.
- Individual Onsite Wastewater Disposal Systems for Subdivisions Greater than 35 Lots. A determination of the feasibility of installing a central sewage collection and treatment system must be made by MDEQ. A copy of the response from MDEQ concerning the feasibility study must be attached. If a central collection and wastewater system is not feasible, then please attach a copy of the Letter of General Acceptance from the State Department of Health or certification from a registered professional engineer that the platted lots should support individual onsite wastewater disposal systems.

INDICATE ANY LOCAL STORM WATER ORDINANCE (I.E. MS4) WITH WHICH THE PROJECT MUST COMPLY:

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



Signature of Applicant¹ (owner or prime contractor)

Date Signed

Printed Name¹

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

SUBJECT: STORM WATER POLLUTION PREVENTION PLAN
PROJECT NAME: RIDGELAND MEDICAL OFFICE BUILDING
PROJECT NUMBER: M-2951
COUNTY: MADISON, MS

SITE INFORMATION

The 7.10 acre site is located in the SE ¼ of Section 13, T7N-R1E, City of Ridgeland, Mississippi. The subject property is also referenced by Global Positioning System (GPS) N32.445722 – W-90.147207. During the proposed construction of the site, 8.82 acres (includes MDOT R.O.W.) will be disturbed to some extent and will include the construction of a commercial development. All acres are in medium erosion hazard due to soil type and slopes.

Site Description: before

The site is comprised of rolling terrain with slopes generally from 1 to 3 percent. Most of the overland drainage can be considered sheet flow and predominately drains from the NE to the SW.

Site Description: after

The site will include a professional office development. All open areas will be grassed and stabilized before the project is finalized.

SEDIMENT AND EROSION CONTROL REQUIREMENTS

VEGETATIVE CONTROLS: All diversions will be grassed within seven calendar days. Permanent erosion controls (soil preparation, fertilizing, seeding, and mulching, sodding and matting, and riprap) will be placed accordingly as shown on the Storm Water Pollution Prevention Plan sheet. Any disturbed areas laid-up for over 7 days will be seeded (temporary) immediately. After final grading, all disturbed areas will be seeded immediately.

STRUCTURAL CONTROLS: The construction entrance/exit, temporary silt fence, and all other controls, as shown on the Storm Water Pollution Prevention Plan Sheet, will be installed prior to construction. Immediately following clearing and grubbing, additional silt fence and straw bales will be installed where necessary throughout the project. Other controls such as silt fence, straw bales, slope breaks, and diversions will also be utilized to prevent sediment runoff.

HOUSEKEEPING PRACTICES: The contractor is reminded of his responsibilities which include equipment maintenance and repair, concrete chute wash off, trash/debris, storage of chemicals and other toxic materials, and sanitary facilities. 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. Contractor shall keep all existing streets free and clean of debris and sediment during construction.

IMPLEMENTATION SEQUENCE

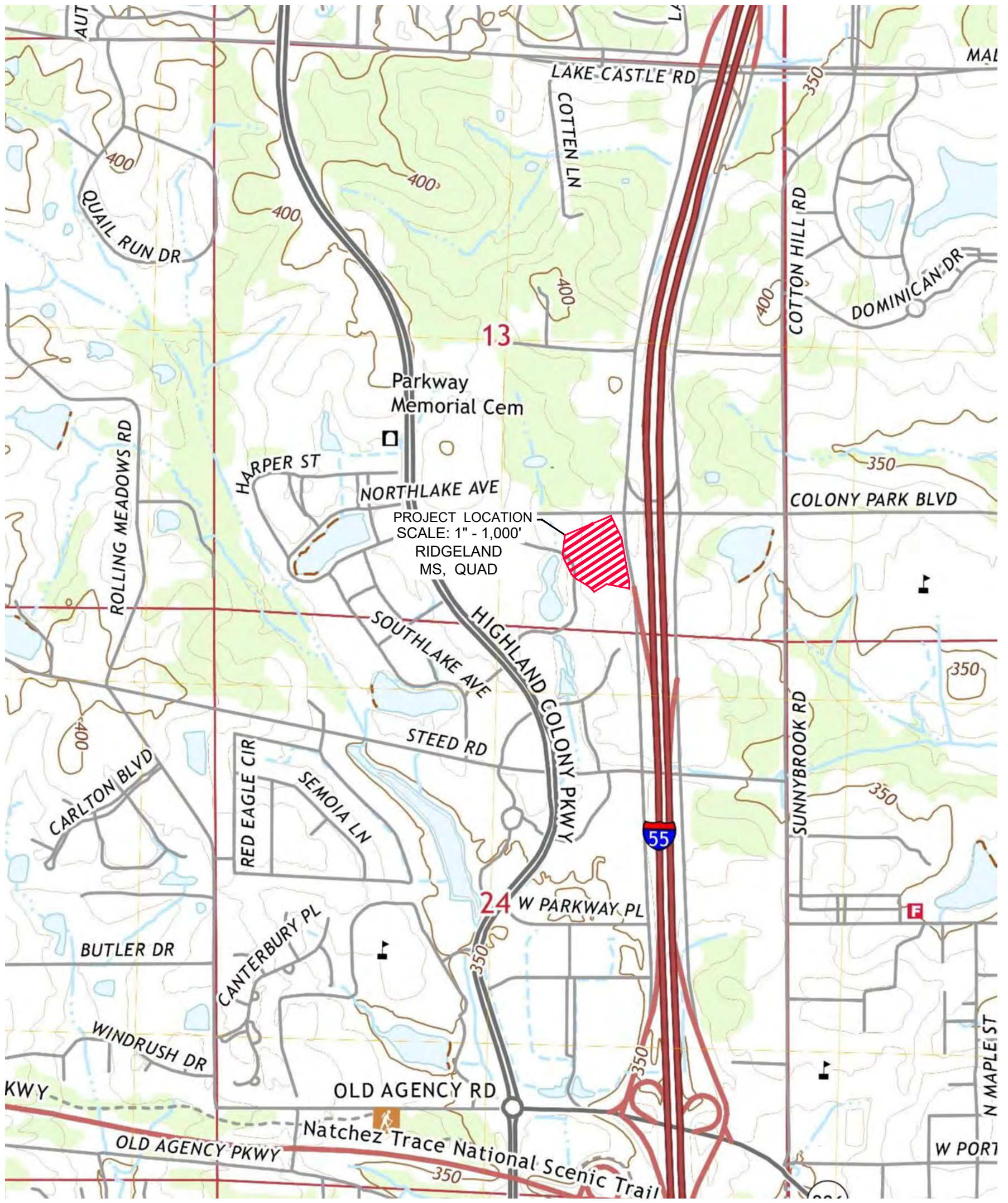
The construction entrance/exit, temporary silt fence, and all other controls, as shown on the Storm Water Pollution Prevention Plan Sheet, will be installed prior to construction operations beginning. Immediately following clearing and grubbing, additional silt fence and straw bales will be installed where necessary throughout the project. Permanent erosion control measures should be placed as construction progresses and no later than 7 days after substantial completion of grade and drain operations.

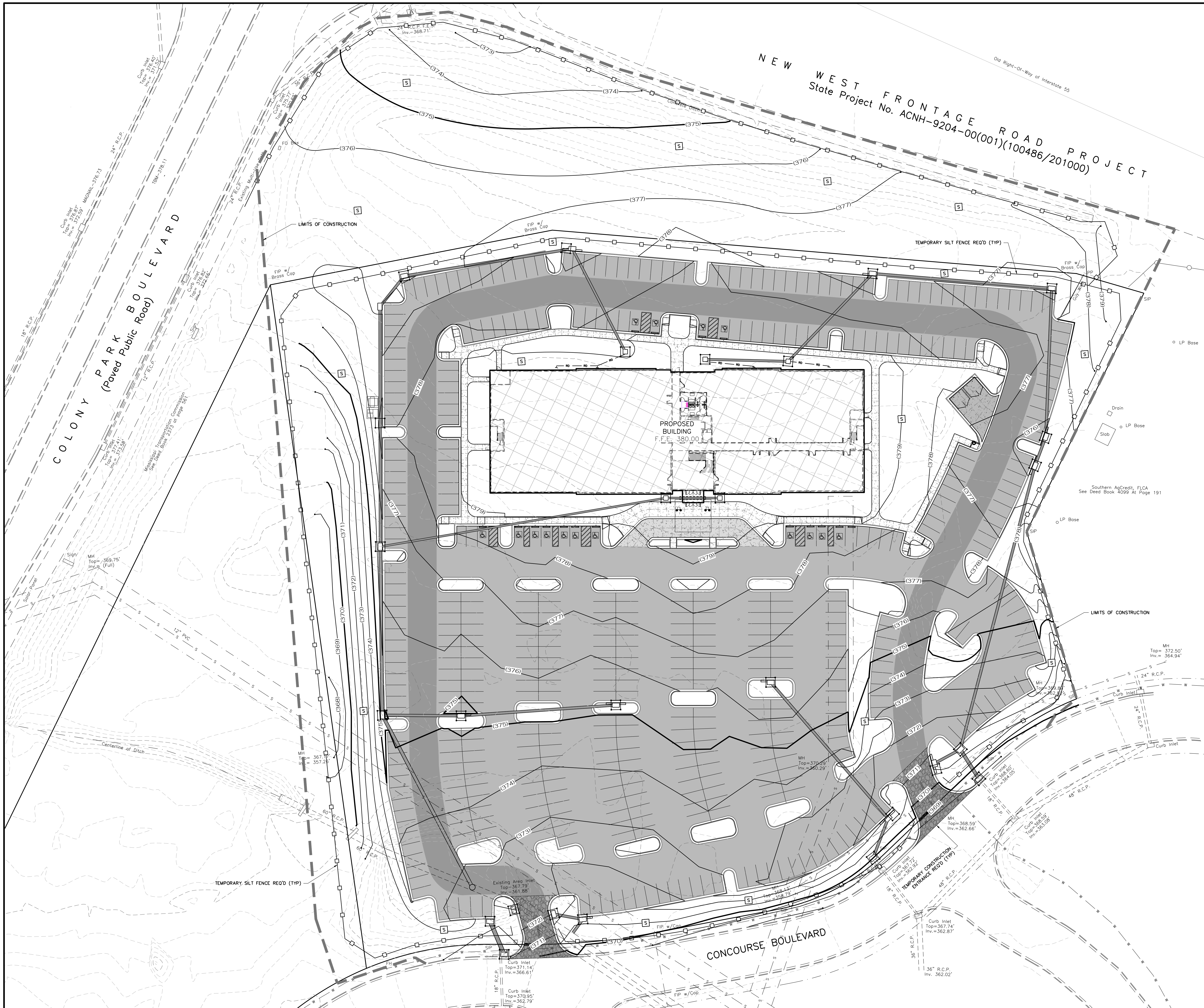
MAINTENANCE PLAN

Check all disturbed areas, erosion and sediment controls weekly and after a rainfall event that produces a discharge. Make needed repairs within 24 hours. Sediment will be removed from behind the silt fence when it becomes one-third to one-half the height of the control. The silt fence will be replaced if necessary to maintain barrier. All removed sediment shall be properly disposed.

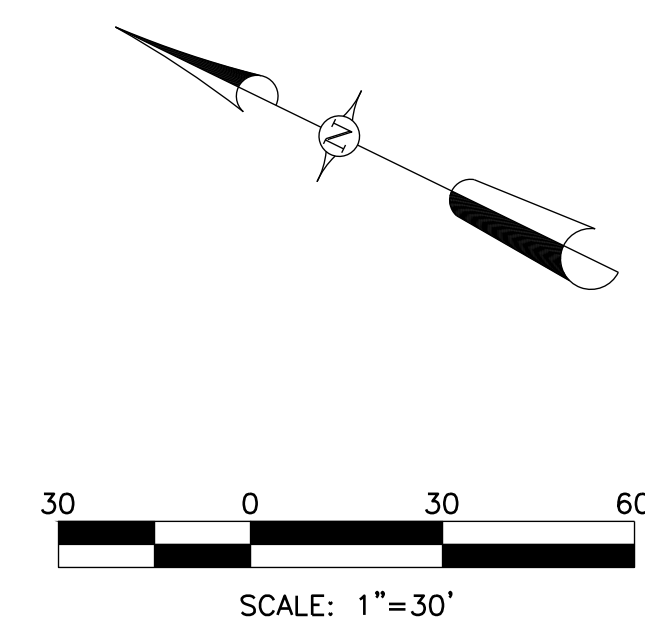
FINAL STABILIZATION

Following construction, all open areas will be permanently seeded/mulched/sodded. Landscaping operations using trees and shrubs will also be added to the site. Once a permanent vegetative cover is established on the site, all silt fence and temporary measures will be removed, and coverage terminated. Following termination, records shall be kept for a period of no less the 3 years.


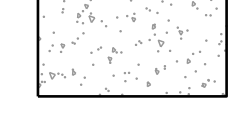
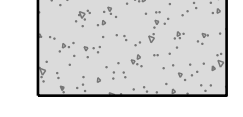
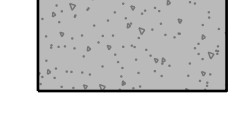


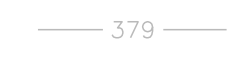
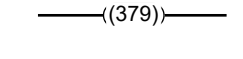




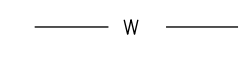
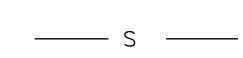
NEW WEST FRONTAGE ROAD PROJECT
 State Project No. ACNH-9204-00(001)(100486/201000)





SITWORK LEGEND

-  PROPOSED BUILDING
-  PROPOSED CONCRETE SIDEWALK
-  PROPOSED LIGHT-DUTY CONC. PAVEMENT
-  PROPOSED HEAVY-DUTY CONC. PAVEMENT
-  PROPOSED LIGHT-DUTY ASPHALT PAVEMENT
-  PROPOSED HEAVY-DUTY ASPHALT PAVEMENT
-  EXISTING CONTOUR
-  PROPOSED CONTOUR

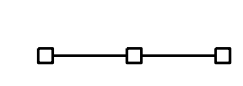
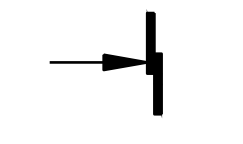
UTILITY LEGEND

-  EXISTING WATER MAIN
-  EXISTING SEWER MAIN

PERMANENT EROSION CONTROL PRACTICES

-  RIPRAP
-  TEMPORARY/PERMANENT SEEDING AND SODDING

TEMPORARY EROSION CONTROL PRACTICES

-  SILT FENCE
-  EROSION CHECK (WATTLE)

- NOTES:**
- CONTRACTOR SHALL KEEP ALL EXISTING STREETS FREE AND CLEAN OF DEBRIS AND SEDIMENT DURING CONSTRUCTION.
 - ALL CURB AND AREA INLETS SHALL BE PROTECTED BY SILT FENCE AND WATTLES FOLLOWING INSTALLATION.
 - CONTRACTOR SHALL MAINTAIN INLET PROTECTION UNTIL FINAL STABILIZATION.
 - FOLLOW PLANNING AND DESIGN MANUAL (DEM) FOR STORMWATER MANAGEMENT.

Revisions				
#	Date	Notes	By	Appr

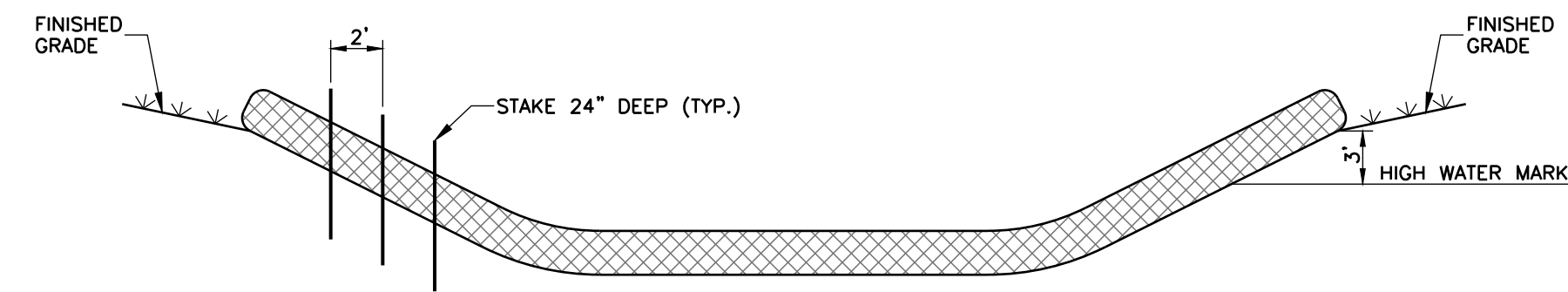
Project No.	M-2951	Designed By	A.M.C.
Date	7-15-22	Drawn By	A.M.C.
Scale	SEE ABOVE	Checked By	R.C.M.

RIDGELAND MEDICAL OFFICE BUILDING
 RIDGELAND, MISSISSIPPI



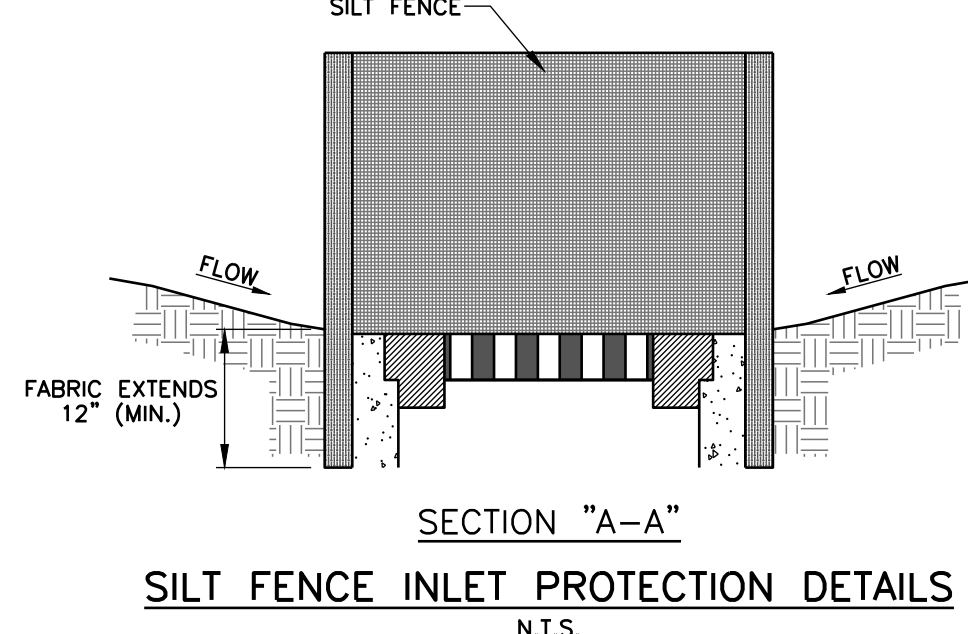
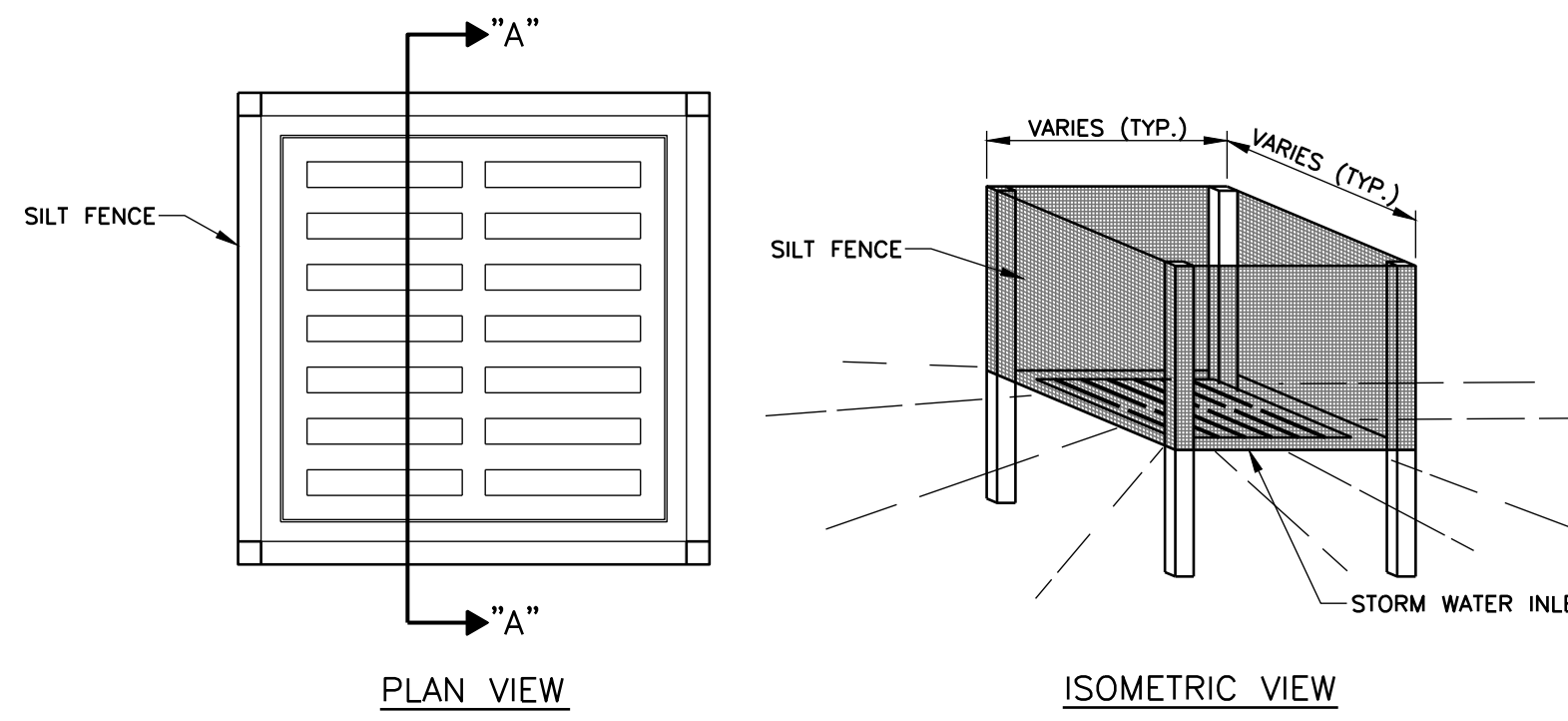
212 WATERFORD SQUARE
 SUITE 300
 MADISON, MS 39110
 601.605.1090

EROSION CONTROL PLAN
C4.1

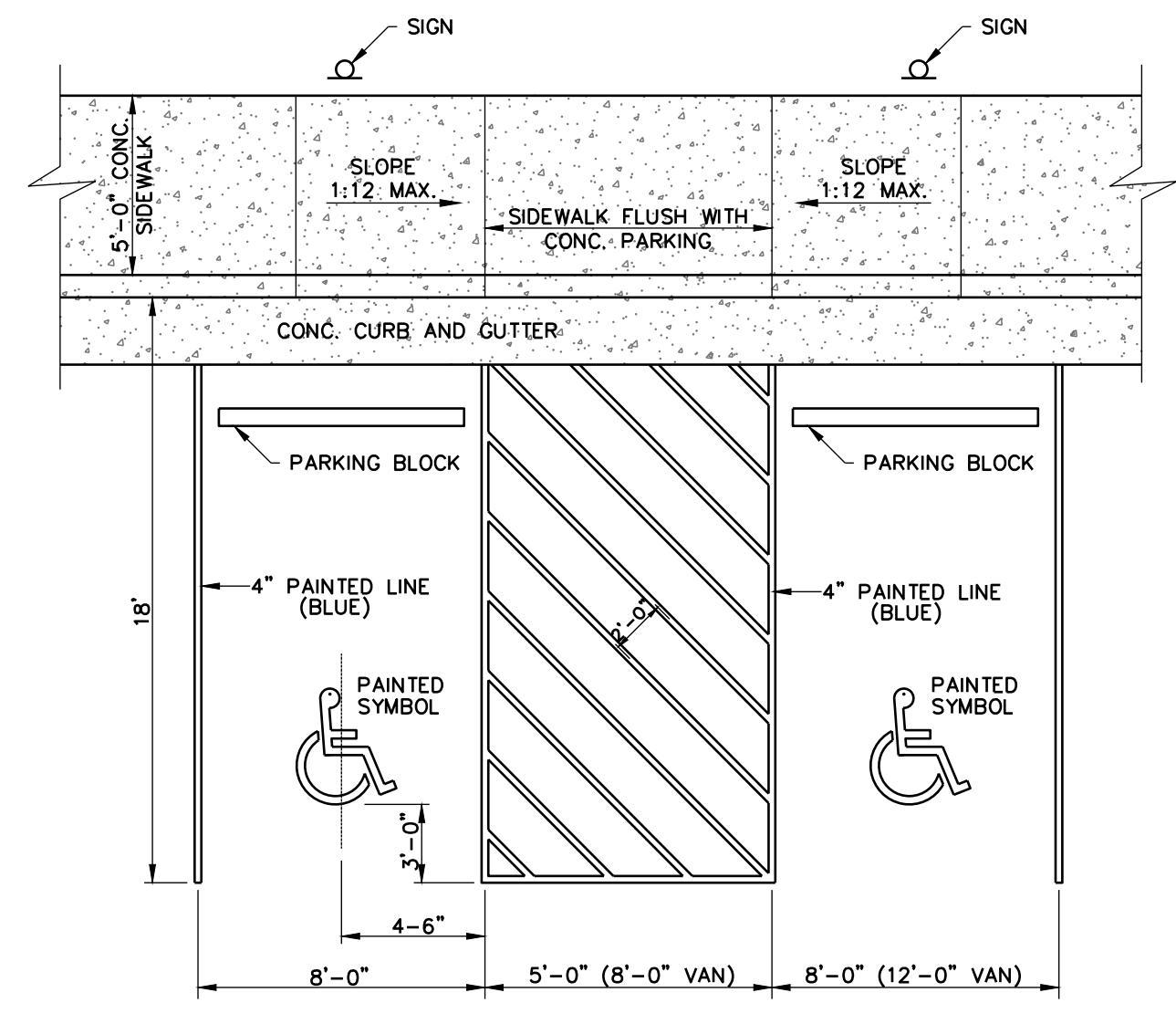


WATTLE INSTALLATION CRITERIA:
 MAY BE INSTALLED FLAT ON THE GROUND OR ENTRENCHED.
 MAY BE INSTALLED OVER BARE SOIL OR OVER EROSION CONTROL BLANKETS AND ON STEEP SLOPES.
 SHOULD REMAIN IN PLACE UNTIL VEGETATION IS FULLY ESTABLISHED AND CAN SURVIVE ON ITS OWN.
 TYPICALLY SECURED TO THE SUBGRADE SOIL USING A 1-INCH BY 1-INCH WOOD STAKE. STAKES SHOULD BE PLACED EVERY TWO FEET ACROSS THE LENGTH OF THE SEDIMENT TUBE. STAKES SHOULD BE INTERFINGERED WITH OUTER MESH ON THE DOWNSTREAM SIDE AND DRIVEN INTO THE GROUND A MINIMUM OF 24 INCHES.
 WATTLES PLACED IN SWALES OR CHANNEL BOTTOMS SHOULD CONTINUE UP THE SIDE SLOPES THREE FEET ABOVE THE ANTICIPATED HIGH WATER MARK AND PERPENDICULAR TO THE FLOW OF WATER.

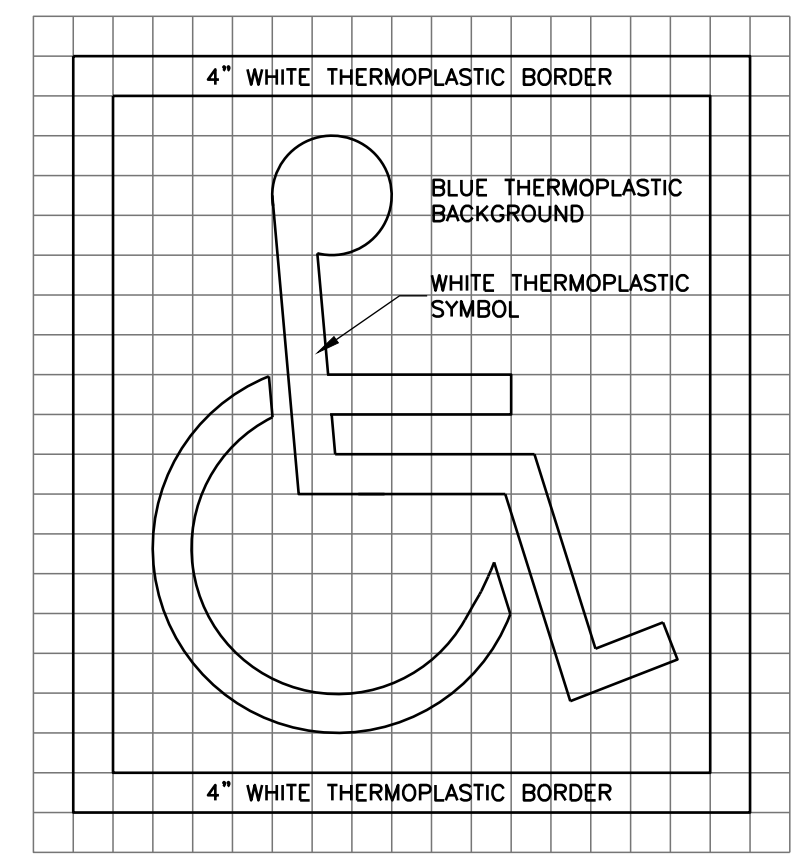
WATTLE INSTALLATION DETAIL
 N.T.S.



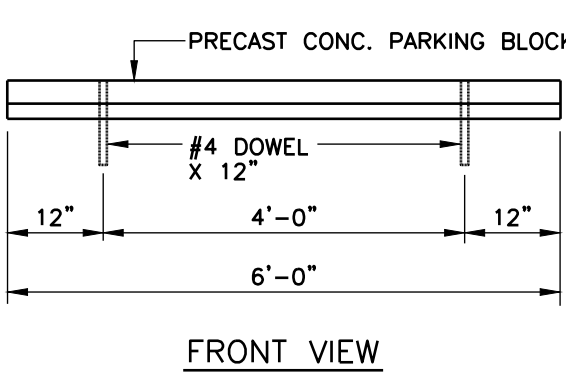
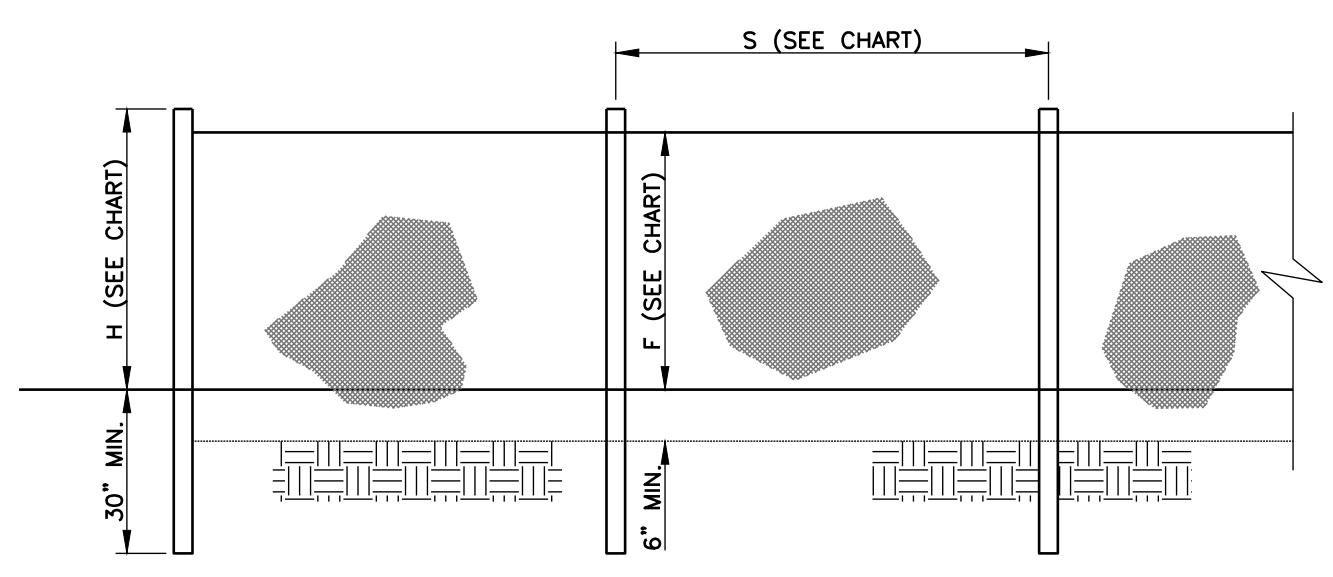
SECTION "A-A"
SILT FENCE INLET PROTECTION DETAILS
 N.T.S.



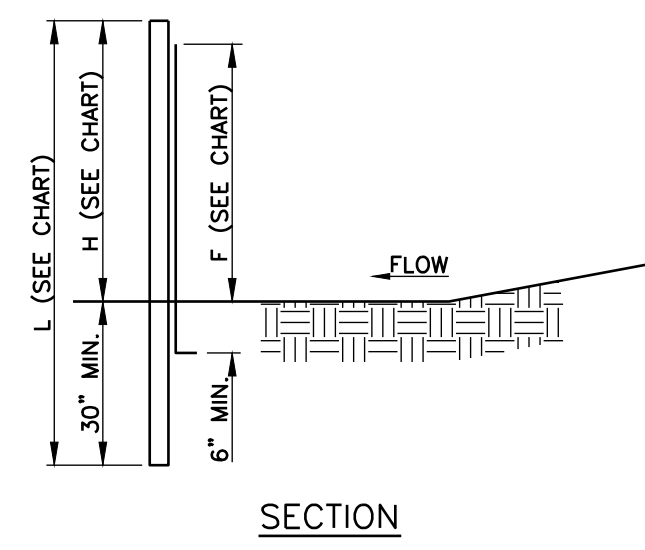
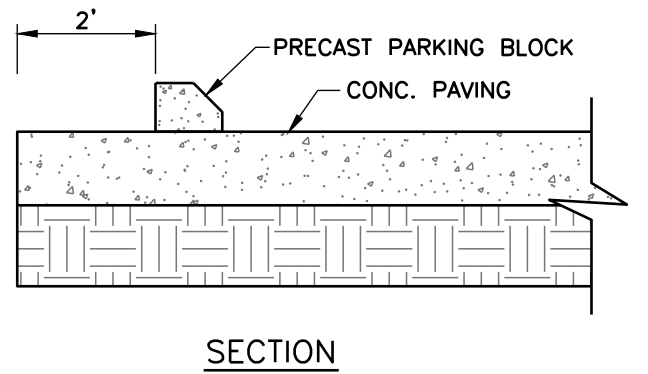
HANDICAP PARKING AND ACCESSIBLE RAMP DETAILS
 N.T.S.



TYPICAL THERMOPLASTIC ACCESSIBLE SYMBOL FOR PAVEMENT
 N.T.S.



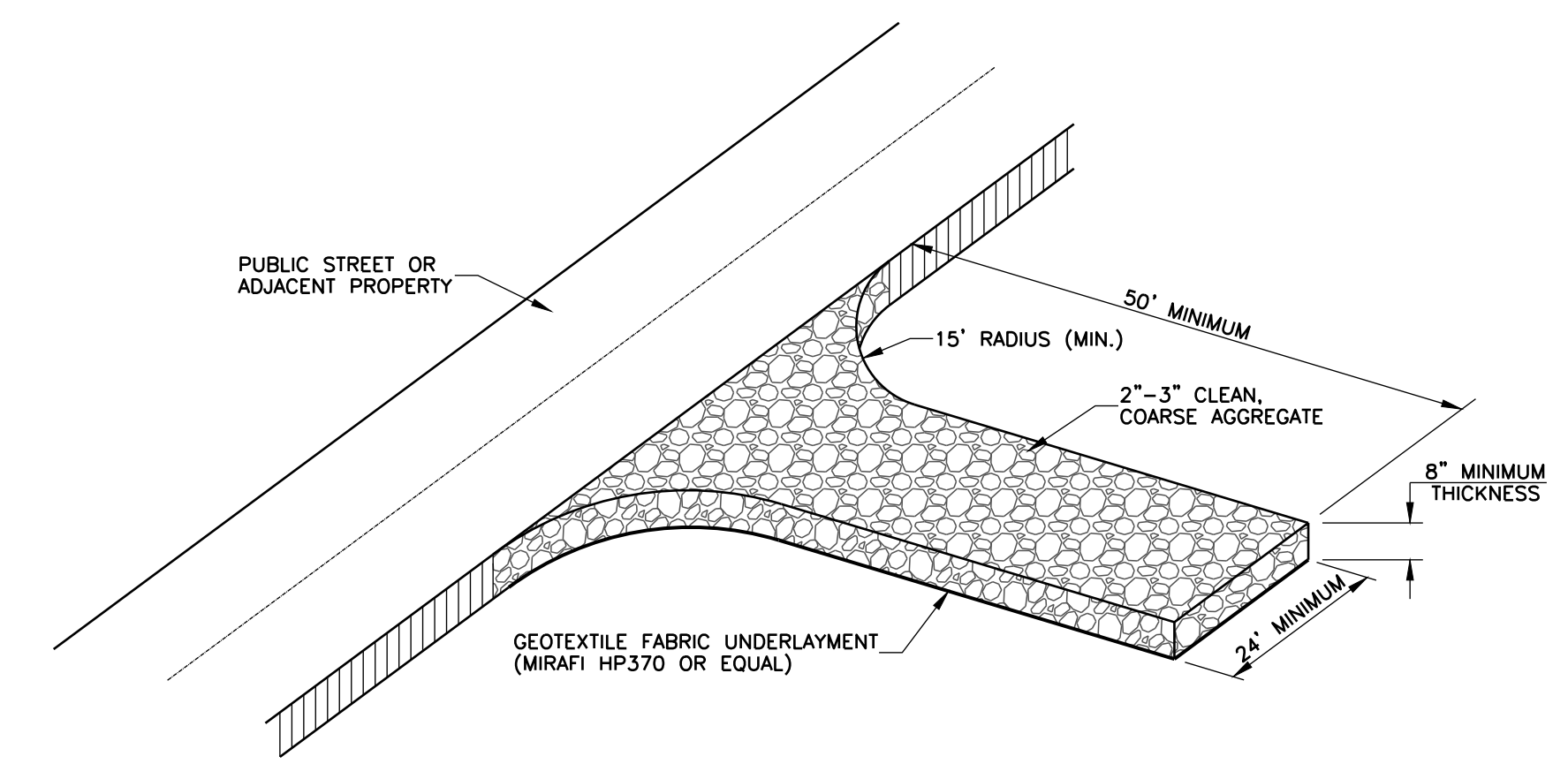
PARKING BLOCK DETAILS
 N.T.S.



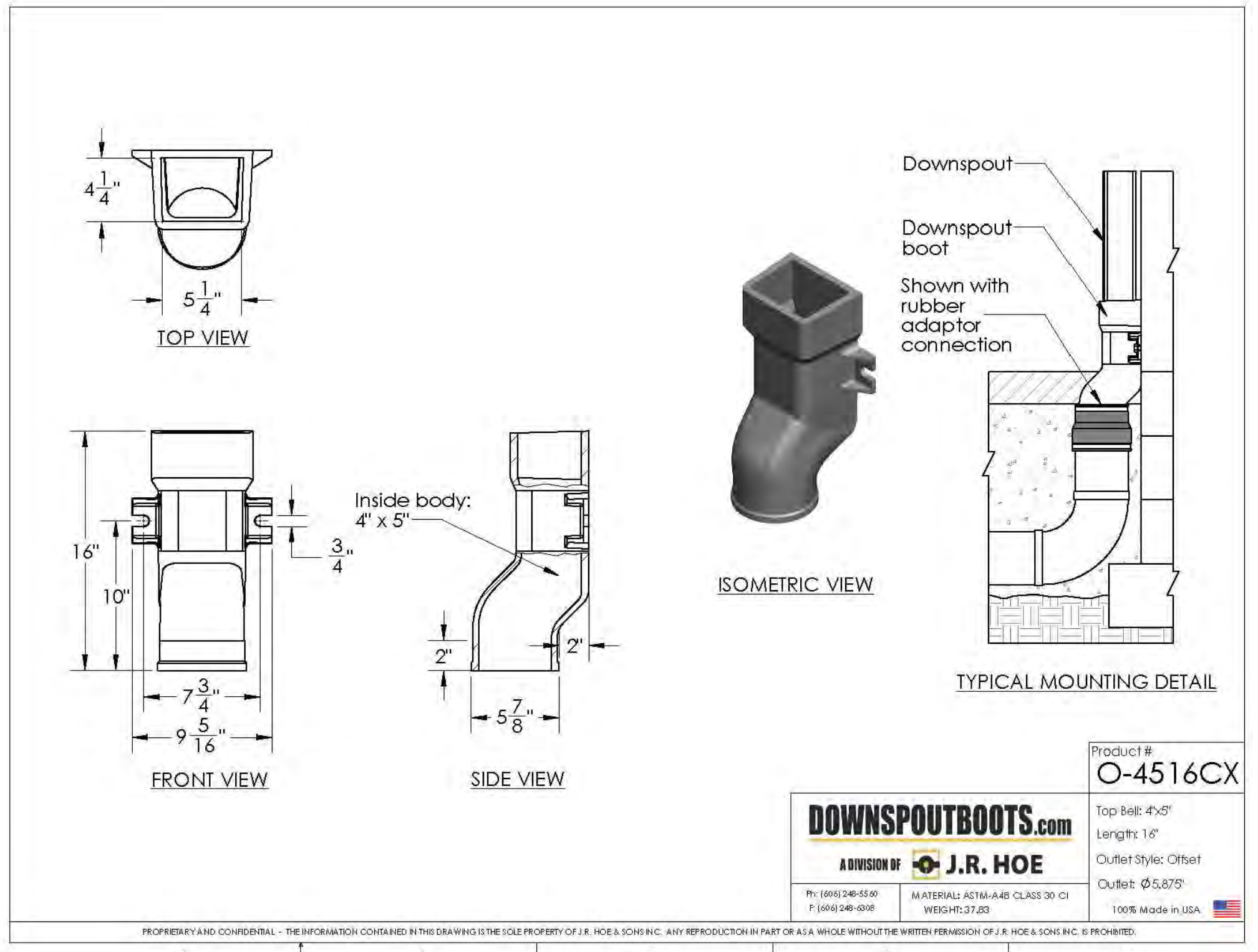
POST SIZE, MATERIAL AND SPACING CHART	WITHOUT BACKING		WITH BACKING	
	SWAMP - 100	FILL - 100	SWAMP - 300	FILL - 300
MIN. LENGTH (L)	5F	5F	5F	5F
MIN. HEIGHT (H)	2F	2F	2F	2F
MIN. SPACING (S)	6'-0"	6'-0"	6'-0"	6'-0"
MIN. FABRIC WIDTH (F)	2F	2F	2F	2F
MATERIAL	3.25 GA. STEEL	3.25 GA. STEEL	3.25 GA. STEEL	3.25 GA. STEEL
TENSILE STRENGTH (LBS. MIN. 303)				
EXTENSION (LBS. MAX.)	300	300	300	300
ELONGATION (LBS. MAX.)	30	30	30	30
ACID LAP WELDING (LBS. MAX.)	400	400	400	400
MARKING (LBS. MAX.)	4	4	4	4
FLOW RATE (GAL./MIN./SQ. FT.)	70	70	70	70
SOIL INCREASED STABILITY (GAL./MIN.)	4	4	4	4
WEATHERING IN ACCORDANCE WITH (LBS.)	200	200	200	200
MIN. FABRIC WIDTH	36	36	36	36

- NOTES:**
- USE SILT FENCE WITHOUT BACKING UNLESS OTHERWISE NOTED.
 - SILT FENCE SHALL BE INSTALLED USING A MECHANICAL TRENCHING MACHINE.
 - FABRIC, IN AREAS WHERE ROCK PROHIBITS PROPER EMBEDMENT, SHALL BE SECURED BY PLACING CLEAN CRUSHED STONE OR SAND ALONG THE BASE OF THE FENCE, 20 POUNDS OF STONE OR SAND PER FOOT, MINIMUM.
 - FILTER FABRIC SHALL BE FASTENED TO POSTS WITH A MINIMUM OF FIVE WIRES OR PLASTIC ZIP TIES WITH A MINIMUM OF 50 LBS. TENSILE STRENGTH.
 - CONTRACTOR SHALL PERIODICALLY REMOVE ACCUMULATED SEDIMENT WHEN SEDIMENT DEPTH REACHES 12".

SILT FENCE INSTALLATION DETAILS
 N.T.S.



CONSTRUCTION ENTRANCE DETAIL
 N.T.S.

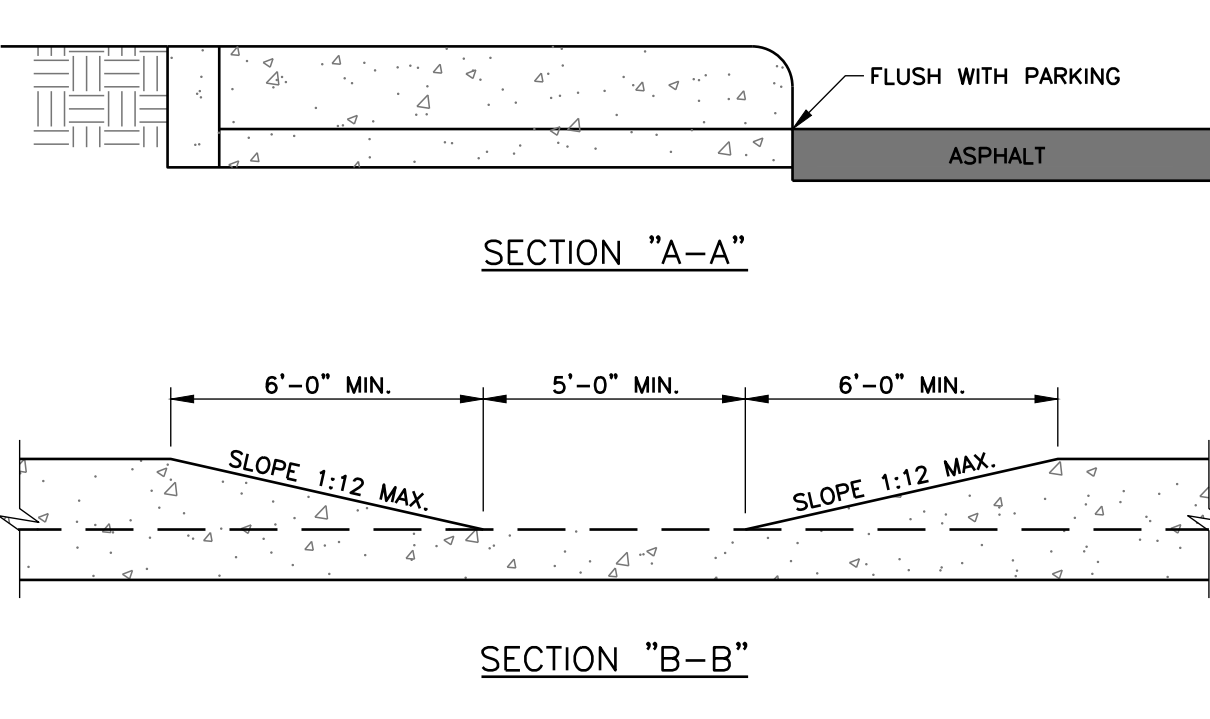
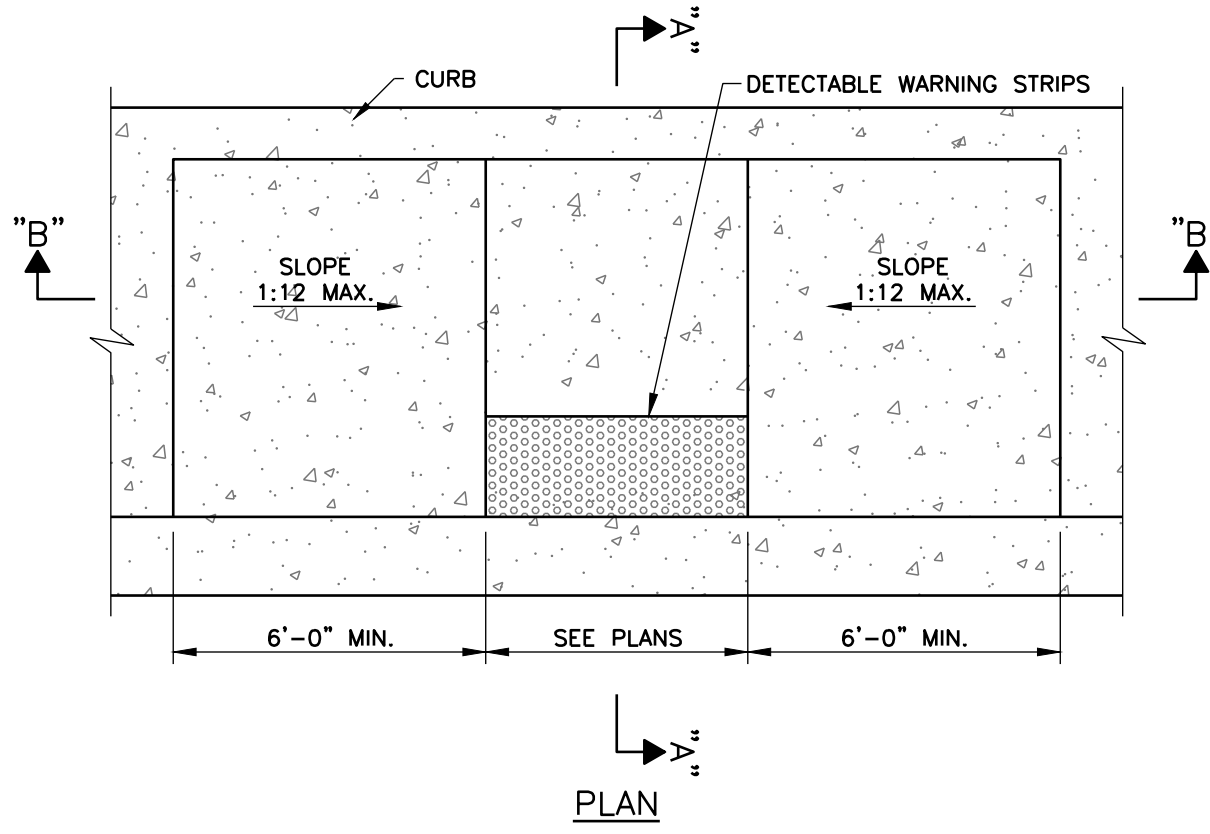


DOWNSPOUT BOOT DETAILS
 N.T.S.

Product # **O-4516CX**
 Top Size: 4" x 5"
 Length: 16"
 Outlet Style: Offset
 Outlet: 5/8"
 100% Made in USA

DOWNSPOUTBOOTS.com
 A DIVISION OF **J.R. HOE**

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ACCESSIBLE RAMP IN SIDEWALK
 N.T.S.

M MASTER & ASSOCIATES, INC.
 CIVIL ENGINEERS & LAND SURVEYORS

212 WATERFORD SQUARE
 SUITE 300
 MADISON, MS 39110
 601.605.1090

RIDGELAND MEDICAL OFFICE BUILDING
 RIDGELAND, MISSISSIPPI

Revisions					Project No.	Designed By
#	Date	Nature	By	Appr.	M-2951	A.M.C.
					Date	7-15-22
					Drawn By	A.M.C.
					Checked By	R.C.M.
					Scale	SEE ABOVE