

1000 Access Road  
Pascagoula, MS 39567  
**HII.com**

May 15, 2026

Christopher Messemore  
Environmental Permits Division  
MS Department of Environmental Quality, Office of Pollution Control  
P.O. Box 2261  
Jackson, MS 39225-2261

**Subject:** Large Construction Notice of Intent for Customer Support Complex

**Enclosures:** 1) Large Construction Notice of Intent  
2) Certificate of Good Standing for Huntington Ingalls Incorporated  
3) Storm Water Pollution Prevention Plan (SWPPP) – Site plan/USGS  
Quadrangle Map included

Dear Mr. Messemore:

Huntington Ingalls Incorporated, Ingalls Shipbuilding Division is submitting the enclosed Large Construction Notice of Intent and required enclosures, to obtain coverage for the Customer Support Complex project under the Large Construction Storm Water General NPDES Permit. The project will provide a new building and parking lot area to support and house Ingalls' customer, Supship, onsite. Our expected project commencement date is July 2026.

If you have any questions or comments regarding this submittal, please contact Caitlin Raines, Environmental Engineer at 228-935-7995 or Kevin Kowalewski, Manager, Environmental Engineering at 228-935-5824.

Sincerely,

**HUNTINGTON INGALLS INCORPORATED**

A handwritten signature in black ink, appearing to read 'Kevin Kowalewski', written in a cursive style.

Kevin Kowalewski  
Manager, Environmental Engineering

# Enclosure 1



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)

**MSR10** 9890  
(NUMBER TO BE ASSIGNED BY STATE)

APPLICANT IS THE:  OWNER  PRIME CONTRACTOR

**OWNER CONTACT INFORMATION**

OWNER CONTACT PERSON: Donny Dorsey  
OWNER COMPANY LEGAL NAME: Huntington Ingalls Incorporated, Ingalls Shipbuilding Division  
OWNER STREET OR P.O. BOX: P.O. Box 149  
OWNER CITY: Pascagoula STATE: MS ZIP: 39568  
OWNER PHONE #: (228) 935-5093 OWNER EMAIL: donny.dorsey@hii.com

**PREPARER CONTACT INFORMATION**

IF NOI WAS PREPARED BY SOMEONE OTHER THAN THE APPLICANT  
CONTACT PERSON: Caitlin Raines  
COMPANY LEGAL NAME: Huntington Ingalls Incorporated, Ingalls Shipbuilding Division  
STREET OR P.O. BOX: P.O. Box 149  
CITY: Pascagoula STATE: MS ZIP: 39568  
PHONE # ( ) 228-935-7995 EMAIL: caitlin.a.raines@hii.com

**PRIME CONTRACTOR CONTACT INFORMATION**

PRIME CONTRACTOR CONTACT PERSON: To Be Determined  
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: Huntington Ingalls Incorporated, Ingalls Shipbuilding Division  
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: 1000 Access Road  
CITY: Pascagoula STATE: MS COUNTY: Jackson ZIP: 39568  
FACILITY SITE TRIBAL LAND ID (N/A If not applicable): N/A  
LATITUDE: 30 degrees 22 minutes 05 seconds LONGITUDE: 88 degrees 34 minutes 13 seconds  
LAT & LONG DATA SOURCE (GPS (Please GPS Project Entrance/Start Point) or Map Interpolation): Google Earth  
TOTAL ACREAGE THAT WILL BE DISTURBED <sup>1</sup>: 8.43

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: 2026-07-01  
 YYYY-MM-DD

ESTIMATED CONSTRUCTION PROJECT END DATE: 2029-03-31  
 YYYY-MM-DD

DESCRIPTION OF CONSTRUCTION ACTIVITY: Site work and construction of new customer support complex building

PROPOSED DESCRIPTION OF PROPERTY USE AFTER CONSTRUCTION HAS BEEN COMPLETED:  
Customer support complex housing office spaces, meeting rooms, etc for Ingall's customer SUP Ship

SIC Code: 3731 NAICS Code 336611

NEAREST NAMED RECEIVING STREAM: Pascagoula River

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](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):  
Udorthents

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.

<sup>1</sup>Acreage for subdivision development includes areas disturbed by construction of roads, utilities and drainage. Additionally, a housesite of at least 10,000 ft<sup>2</sup> 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:

N/A

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 Applicant<sup>1</sup> (owner or prime contractor)

5-15-26  
\_\_\_\_\_  
Date Signed

**Donny Dorsey**  
\_\_\_\_\_  
Printed Name<sup>1</sup>

**Vice-President, Operations**  
\_\_\_\_\_  
Title

<sup>1</sup>This application shall be signed as follows:

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

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

Please submit the LCNOI form to:

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

Electronically:

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

Revised 3/23/22

# Enclosure 2



**Michael Watson**  
SECRETARY OF STATE

Office of the Secretary of State  
Jackson, Mississippi

## Certificate of Good Standing

I, MICHAEL WATSON, Secretary of State of the State of Mississippi, and as such, the legal custodian of the records as required by the laws of Mississippi, to be filed in my office, do hereby certify:

That on the 9th day of June, 2008, the State of Mississippi issued a Charter/ Certificate of Authority to:

**HUNTINGTON INGALLS INCORPORATED**

That the state of incorporation is Virginia.

That the period of duration is perpetual.

That according to the records of this office, Articles of Dissolution or a Certificate of Withdrawal have not been filed.

That according to the records of this office, a current Annual Report has been delivered to the Office of the Secretary of State.

I further certify that all fees, taxes and penalties owed to this state, as reflected in the records of the Secretary of State, have been paid and that the corporation is in existence or has authority to transact business in Mississippi.

That insofar as the records of this office are concerned, the said Huntington Ingalls Incorporated is in good standing at this time.

Given under my hand and seal of office  
the 12th day of May, 2026

A handwritten signature in black ink that reads "Michael Watson".

Certificate Number: CN26241426

Verify this certificate online at <http://corp.sos.ms.gov/corpcnv/verifycertificate.aspx>

# Enclosure 3

**STORMWATER POLLUTION PREVENTION PLAN (SWPPP)  
FOR  
INGALLS CUSTOMER SERVICE COMPLEX  
PASCAGOULA, MISSISSIPPI**

**BMA Project No. 3739**

**March 30, 2026**

*Prepared for:*

*Ingalls Shipbuilding*

*Prepared By:*

*Brown, Mitchell & Alexander, Inc.  
401 Cowan Road, Suite A  
Gulfport, Mississippi 39507  
Phone: (228) 864-7612  
Fax: (228) 864-7676*

## EXECUTIVE SUMMARY

Brown, Mitchell & Alexander, Inc., has prepared this Stormwater Pollution Prevention Plan (SWPPP) for Ingalls Customer Service Complex in Pascagoula, Mississippi more specifically being in Township 8 South, Range 6 West, Jackson County, Mississippi. The plan has been prepared in accordance with the provisions of the Clean Water Act, the National Pollution Discharge Elimination System, and the requirements of the Mississippi Department of Environmental Quality. This plan is being prepared to accompany an LCNOI in accordance with the General Permit.

This report is divided into sections and provides the user with the information relating to the measures to be taken by the contractor to control the stormwater discharges during the construction phase of the project. A summary of the information presented in each section is as follows:

- **Section 1.0 Introduction** - outlines the detailed location of the project, scope of the project and the purpose of the plan.
- **Section 2.0 Construction Activities** - provides detailed information regarding the construction activities and measures to be taken by the contractor both during and after construction to ensure proper management of the stormwater generated on site.
- **Section 3.0 Post-Construction Stormwater Management** - outlines the post-construction stormwater practices and controls for this project.
- **Section 4.0 Maintenance / Inspection Procedures** - presents information about the maintenance and inspection procedures to be used for this project.
- **Section 5.0 Material Management / Spill Prevention** - outlines the material management practices and spill prevention measures for the project.
- **Appendices:**
  - Appendix I Vicinity Map (USGS Quadrangle Map)
  - Appendix II Site Plan
  - Appendix III Erosion Control Plan
  - Appendix IV Erosion Control Construction Details

**STORMWATER POLLUTION PREVENTION PLAN  
INGALLS CUSTOMER SERVICE COMPLEX  
PASCAGOULA, MISSISSIPPI**

**1.0 INTRODUCTION**

Allred Architectural Group, PA proposes to build a new subdivision on approximately 8.43 total acres in Township 8 South, Range 6 West, Pascagoula, Mississippi. The project will utilize surface drainage and subsurface drainage to manage stormwater both during and after construction. This purpose of this plan (SWPPP) is to accompany the LCNOI and outline the minimum standards, practices, and requirements necessary for the contractor to meet requirements of the Environmental Protection Agency (EPA) and Mississippi Department of Environmental Quality (MDEQ) regarding treatment and discharge of stormwater.

**1.1 Existing Conditions**

The Project is situated on a previously developed lot. The site is located north of USS Vicksburg Way and between Jerry Saint Pe Highway and Port Road. Area rainfall is recorded as a mean of 55" to 77" annually. Wetlands are not present on the Project site.

The USDA-NRCS Soil Survey for Jackson County, Mississippi, was used to investigate the potential soil conditions at the subject site. Soil at the site is Udorthents. This soil has a designated hydraulic grouping of A.

**1.2 Receiving Waters**

Stormwater discharge ultimately flows out to the Pascagoula River. The East Pascagoula River has a TMDL established for mercury. The primary use of the facility will be management and administration and no industrial uses to create waste discharge will be present on site, so mercury emissions will not be a concern.

**1.3 Sensitive Areas**

The Project is on a previously developed lot on Singing River Island of Pascagoula and is not adjacent to any marsh or wetlands. However, great care will still be taken when working with such items as silt fencing and straw core logs. Additionally, care will be taken to constantly assess these BMPs for efficacy.

## **2.0 CONSTRUCTION STORMWATER MANAGEMENT ACTIVITIES**

Major construction activities associated with the project will include, but not necessarily be limited to clearing and grubbing, earth moving, site grading, installation of subsurface drainage and utilities (including dewatering), new asphalt parking lot, building construction and grassing.

### **2.1 Sequence of Major Construction Activities**

Major construction activities will be scheduled and carried out in a manner consistent with routine construction practices. The following list provides a general schedule of the events that will occur during construction as well as the sequence in which the events are proposed:

1. Installation of temporary erosion control devices at appropriate times;
2. Clearing, grubbing, and demolition;
3. Earth moving activities and rough grading;
4. Installation of site drainage (including underground stormwater detention basins) & utilities;
5. Building construction;
6. Final grading;
7. Paving;
8. Installation of landscaping and grass planting;
9. Grow in of landscaping and grassing; and
10. Cleaning and/or removal of temporary erosion control devices.

### **2.2 Timing of Control Measures**

Major stormwater control structures will be completed before any grading or demolition activities are initiated. Areas which have been disturbed by construction activities will be stabilized to prevent erosion and sedimentation. Once site construction is complete, the entire site will be stabilized with permanent seed, sod, and/or paving.

### **2.3 Stabilization Practices**

Construction entrances and all interior construction areas will be monitored for excessive buildup of mud and/or dirt from the site. Disturbed areas of the site and stockpiled soil will be stabilized with temporary seed and mulch as needed. Silt fence shall be placed at openings of inlets and flared end sections to filter sediments. Disturbed areas of the site where construction activities

have permanently ceased will be stabilized with permanent seed, sod, or pavement immediately following completion of the last land disturbance activity as described in **Section 2.5.1**.

## **2.4 Grading Activities**

Land grading activities will include cut and fill and grading drainage ditches. Most of the grading will occur during the first month of construction and will be focused on shaping the site to final grades. Due to the topography of the area, off-site fill material will be required from outside the project limits. Construction entrances will be installed and maintained to minimize off-site sedimentation resulting from vehicle tracking.

## **2.5 Erosion and Sediment Controls**

During construction, care will be taken to manage stormwater, and the owner will implement appropriate erosion and sediment control to retain sediment on site. The objective of the plan will divert upslope water around disturbed areas, limit exposure of disturbed areas to the shortest time possible, disturb the smallest area possible, preserve vegetation where possible, and slow rainfall runoff velocities to prevent erosion. A variety of vegetative and structural controls will be used.

### **2.5.1 Vegetative Controls**

Construction shall proceed in a planned sequence, and every effort will be made to preserve existing vegetation to minimize erosion. All disturbed sites, on which construction activities will not resume for a period of fourteen (14) calendar days or more, shall be managed and re-vegetated no later than the next workday following clearing, grading, grubbing, excavating, and all other land disturbance activities. Where applicable, disturbed areas shall be stabilized by use of temporary and permanent seeding, mulching, sod stabilization, and/or vegetative buffer zones. If it is not feasible to achieve this requirement due to circumstances beyond the contractor's control, then the following stabilization deadlines shall be followed:

1. Immediately initiate, and within fourteen (14) calendar days complete, the installation of temporary non-vegetated stabilization measures to prevent erosion;
2. Complete all soil conditioning, seeding, watering or irrigation installation, mulching, and other required activities related to the planting and initial establishment of vegetation as soon as conditions or circumstances allow it on your site; and,
3. Document the circumstances that prevent you from meeting the deadlines required and the schedule you will follow for initiating and completing stabilization.

#### **2.5.1.1 Temporary Seeding**

Temporary seeding will be applied no later than the following work day to soils that remain stockpiled to disturbed areas that remain undisturbed for fourteen (14) or more calendar days. These areas will be planted in accordance with the planting schedule, rate of application, and planting preparation outlined in the Mississippi Department of Environmental Quality (MDEQ) seeding chart.

#### **2.5.1.2 Permanent Seeding**

Permanent seeding will be established on disturbed surfaces along the access road and project site upon final grading and other activities.

#### **2.5.1.3 Sod Stabilization**

If called for on the plans, sod will be provided at appropriate places within the project site upon completion of final grading and other activities.

#### **2.5.1.4 Topsoil**

Topsoil removed from improvement areas shall be stockpiled within the project limits and used in areas to be revegetated. The stockpile shall be protected around the perimeter with silt fencing sediment barriers to prevent the runoff from entering any stormwater conveyance or storm drain system.

#### **2.5.2 Structural Controls**

In addition to the vegetative practices referenced above, certain structural erosion control measures shall be implemented as needed. These measures include diverting flows from exposed soils or otherwise limiting runoff from exposed areas. Other structural devices will include straw wattles, silt fence, drainage swales, rock check dams, and stormwater detention basins.

##### **2.5.2.1 Stabilized Construction Entrance / Exit**

Stabilized construction entrances will be installed to help reduce the vehicular tracking of sediments onto public roads. These stabilization areas will consist of a layer of natural stone or other acceptable material to a depth of at least six (6) inches and a length of at least fifty (50) feet prior to the intersection of any public road.

### **2.5.2.2 Silt Fencing and Sediment Barriers**

Silt fencing and sediment barriers will be installed to intercept and detain sediment from disturbed areas during construction activities. Silt fencing will consist of synthetic fabric or burlap and will be attached to supporting posts and entrenched. Sediment barriers will be constructed of staked straw bales, filter fabric, natural stone, concrete riprap, straw wattles, or other acceptable materials. These structures will be installed downslope of disturbed areas or in minor swales or ditch lines that have been constructed for the sole purpose of stormwater drainage. Silt fencing and sediment barriers will not be installed in live streams or in areas where surface flow is anticipated to exceed 1 cfs.

In areas where a 50-foot undisturbed natural buffer cannot be achieved around waters of the United States, double rows of fencing are required to reduce the sediment load reduction before entering protected areas.

### **2.5.2.3 Riprap Channel & Outlet Protection**

Riprap outlet protection will be placed at the outlet end of culverts or alongside slopes of channels located throughout the project site and as indicated on the plans.

### **2.5.2.4 Other Structural Controls**

Other structural controls may be implemented into the erosion control plan, and the required materials, objectives and details will be indicated in the plans.

## **2.6 Dewatering activities**

Non-stormwater discharges including the following are prohibited

- Wastewater from washout of concrete (unless managed by an appropriate control)
- Wastewater from washout and cleanout of stucco, paint, from releasing oils, curing compounds and other construction materials
- Fuels, oils, and other pollutants used in vehicle and equipment operation and maintenance
- Soaps or solvents used in vehicle and equipment washing
- Wastewater from Sanitary facilities, including portable toilets
- Dewatering activities, including dewatering of trenches and excavations unless managed by Best Management Practices (BMPs)

### **3.0 POST-CONSTRUCTION STORMWATER MANAGEMENT**

Post-construction stormwater management will be accomplished using surface drainage, subsurface drainage and underground stormwater detention basins. Regular maintenance (including grass mowing), cleaning, and inspections will be conducted every six (6) months to ensure the subsurface drainage system operates at maximum efficiency.

### **4.0 MAINTENANCE / INSPECTION PROCEDURES**

All stormwater control measures outlined above will require routine inspection and periodic maintenance during the duration of construction. The contractor will be required to inspect all stormwater control devices on a scheduled basis and perform all necessary maintenance measures to ensure their proper function during construction activities.

#### **4.1 Construction Inspection and Maintenance Practices**

To ensure the effectiveness of the erosion and sediment control practices incorporated into this plan, the contractor will inspect and maintain the stormwater control devices referenced above during construction of the project. These devices will be inspected and maintained as follows:

1. All erosion and sediment control measures will be inspected at least once each week for a minimum of four inspections per month and following any rain events that produce a discharge
2. All measures will be maintained in good working order and repaired within twenty-four (24) hours of any reported problem unless prevented by unsafe weather conditions as documented on the inspection form.
3. Sediment buildup behind silt fences or barriers will be removed when it has reached one-third (1/3) to one-half (1/2) of the capacity of the control.
4. Silt fences and silt barriers will be inspected for depth of sediment, tears, breaches, and general integrity on a weekly basis.
5. A maintenance inspection report will be made after each inspection and filed on the job site by the site contractor.
6. MDEQ strongly recommends that coverage recipients perform a "walk through" inspection of the construction site daily to ensure controls are in place and will function properly.

#### **4.2 Post-Construction Inspection and Maintenance Practices**

Upon completion of construction, and to ensure the effectiveness of the drainage system and stormwater management features described in this plan, the owner/developer will inspect the stormwater system as part of its overall site inspection and maintenance program. The system will be inspected and maintained as follows:

1. Yard and lawn areas will be maintained by regular mowing during the growing season to keep grass to an acceptable length.
2. Every six (6) months, ditches, swales, inlets, drainage culverts, and stormwater basins will be inspected. Any ditches, swales or culverts that have become overgrown or clogged will be corrected within 72 hours.
3. Any areas of the site that show signs of erosion will be grassed by seeding or sodding and stabilized within seven (7) days.
4. Underground stormwater basins shall be inspected and maintained in accordance with the manufacturer's recommend guidelines for purposes of performance and longevity.
5. A maintenance inspection report will be made after each inspection and filed on the site by the owner/developer.

#### **4.3 Staff Training**

The site superintendent shall designate a "stormwater team" to understand the requirements of the permit and specific responsibilities with respect to those requirements:

1. Personnel who are responsible for the design, installation, maintenance, and/or repair of stormwater controls (including pollution prevention controls);
2. Personnel responsible for the application and storage of treatment chemicals (if applicable);
3. Personnel who are responsible for conducting inspections; and
4. Personnel who are responsible for taking corrective actions.

Members of the stormwater team must be trained to understand:

1. The permit deadlines associated with installation, maintenance, and removal of stormwater controls and with stabilization;

2. The location of all stormwater controls on the site required by this permit and how they are to be maintained;
3. The proper procedures to follow with respect to the permit's pollution prevention requirements; and
4. When and how to conduct inspections, record applicable findings, and take corrective actions.

Each member must have easy access to a copy of applicable portions of the permit, most updated copy of the SWPPP, and other relevant documents. Staff training shall be documented and include employee's name, date of training, brief content/nature of training, and the employee's signature acknowledging training was received and training documentation shall be maintained on-site with the SWPPP and made available to MDEQ personnel for inspection upon request.

## **5.0 MATERIAL MANAGEMENT PRACTICES / SPILL PREVENTION**

In addition to the erosion and sediment control measures that will be implemented both during and after construction, the owner/developer will require certain material management and spill prevention measures to prevent impacts to water quality.

### **5.1 Good Housekeeping**

The following housekeeping practices shall be followed on site during the construction project:

1. All materials stored on site shall be stored in a neat, orderly manner in their appropriate containers and, if possible, under a roof or other enclosure.
2. Products shall be kept in their original containers with the original manufacturer's label.
3. Manufacturer's recommendations for proper use and disposal shall be followed.
4. The site superintendent shall inspect the site daily to ensure proper use and disposal of materials on site.
5. All sediment or other debris tracked or deposited from the site onto adjacent streets and other paved surfaces shall be swept or removed.
6. All sediment or other pollutants that have accumulated in or near any sediment control measures, storm water conveyance channels, storm drain inlets, or water course conveyance within the construction site shall be removed.

7. Accumulated sediment that has been trapped by sediment control measures at the site shall be removed in accordance with maintenance requirements, as described in **Section 4.1**.
8. The site superintendent shall designate and report in the SWPPP areas for equipment maintenance and repair and concrete chute wash off, provide waste receptacles and regular collection of waste, and provide adequately maintained sanitary facilities.

After construction, the developer shall utilize good housekeeping practices to prevent the release of contaminants and pollutants from the surrounding surface waters.

## **5.2 Spill Control Practices**

The following practices will be used to reduce the risks associated with any spills of materials during the construction phase of the project:

1. All spills will be cleaned up immediately after discovery.
2. Spills of toxic or hazardous materials will be reported to the appropriate government agency.
3. 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, absorbent material, sand, sawdust, and plastic and metal trash containers.

## **5.3 Waste Disposal**

All waste materials will be collected and stored in a covered metal dumpster provided by a licensed solid waste management company in Jackson County, Mississippi. All construction debris and trash will also be deposited in the dumpster. No construction waste will be buried on site. All personnel will be instructed regarding the correct procedure for waste disposal. All hazardous waste materials will be disposed of in the manner specified by the local or state regulation or by the Material Safety Data Sheets (MSDS) provided with the particular waste material. All sanitary waste will be collected from the portable units as required.

Once site development is completed, the developer will utilize appropriate solid waste disposal procedures commensurate with the type of solid waste generated at the site. All sanitary waste generated on the site will be discharged to a public utility system.

***APPENDIX I***

***VICINITY MAP  
(USGS QUADRANGLE MAP)***



**APPENDIX II**

**SITE PLAN**



**APPENDIX III**

**EROSION CONTROL PLAN**

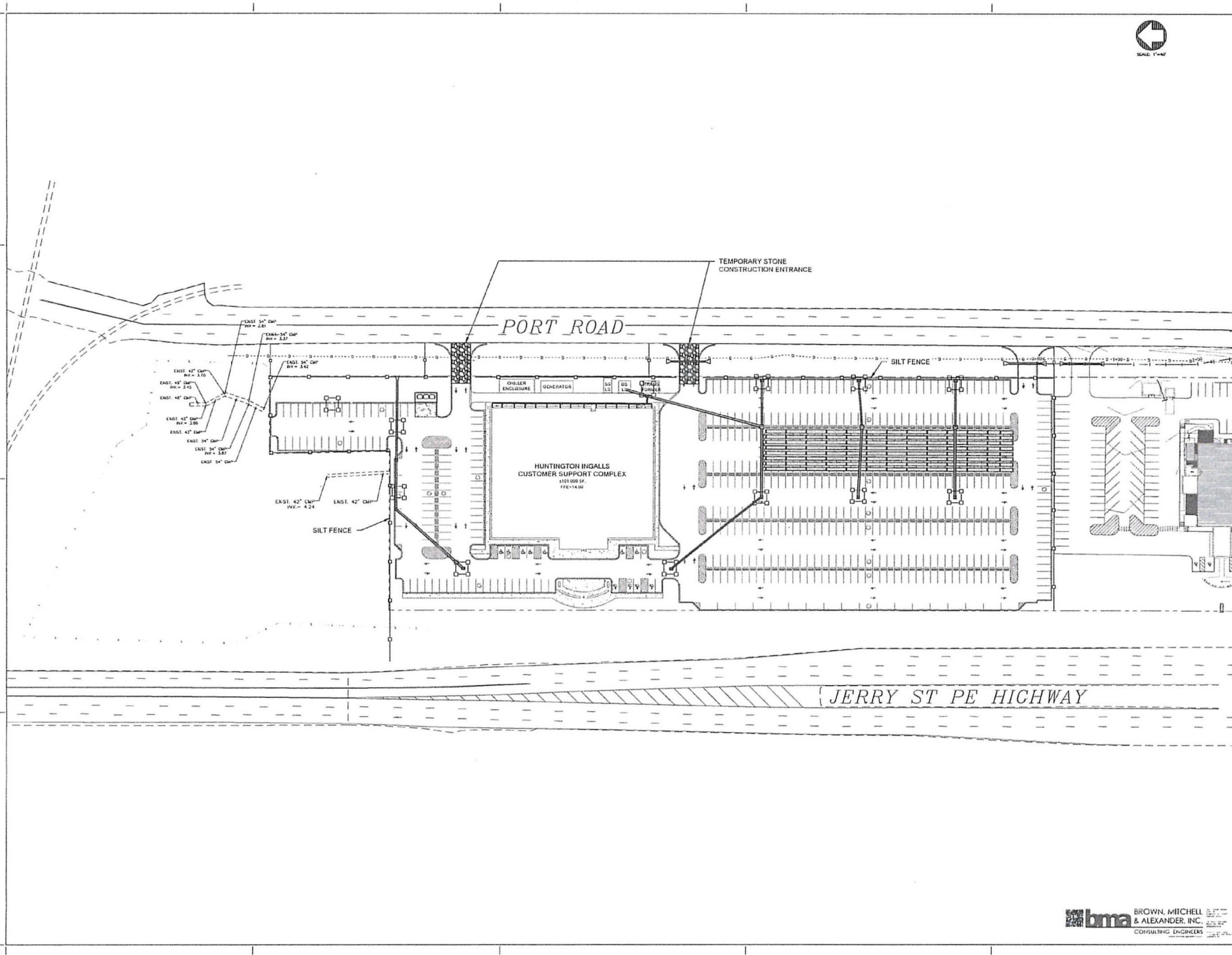


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10/10/2014  
10/10/2014

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Date: 10/10/2014

**allred**  
ARCHITECTURAL GROUP

EROSION CONTROL PLAN  
INGALLS - CUSTOMER SUPPORT COMPLEX  
HUNTINGTON INGALLS INDUSTRIES - INGALLS SHIPBUILDING  
JERRY ST PE HWY PASADENA, CA



DATE: 10/10/2014  
DRAWN BY: VAD  
CHECKED BY: VAD

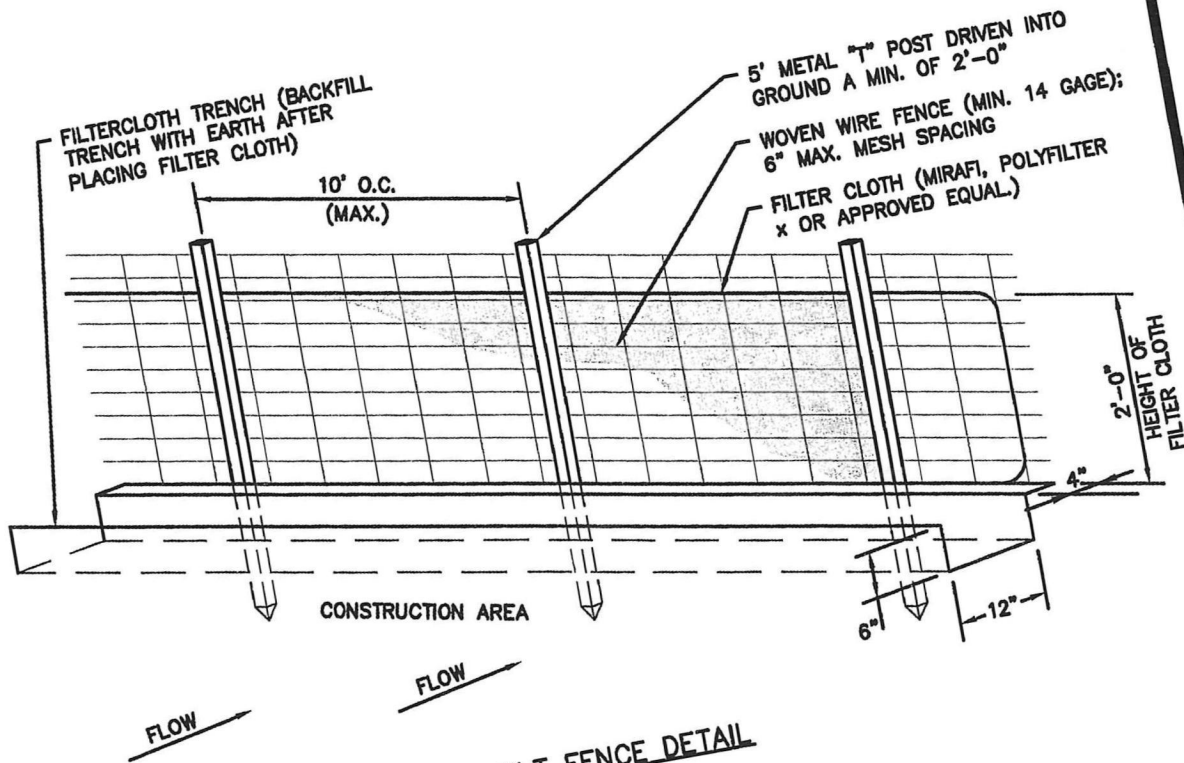
100% SUBMITTAL  
NOT FOR CONSTRUCTION

**bma** BROWN, MITCHELL & ALEXANDER, INC.  
CONSULTING ENGINEERS

C-141

## ***APPENDIX IV***

### ***EROSION CONTROL CONSTRUCTION DETAILS***



**SILT FENCE DETAIL**  
N.T.S.

**NOTES:**

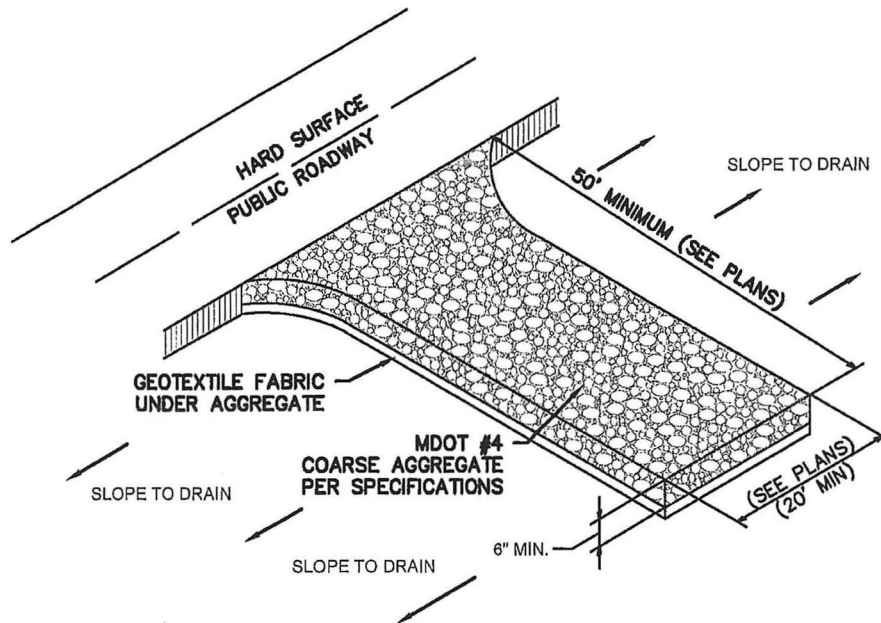
1. USE STEEL "T" POSTS THAT ARE 5 FEET IN LENGTH.
2. INSTALL POSTS STARTING AT THE CENTER OF THE LOWEST POINT OF THE FENCE LINE. DRIVE POSTS 12 INCHES INTO THE GROUND.
3. INSTALL POST ON 10-FOOT CENTERS IF METAL MESH FENCING IS TO BE USED AS ADDITIONAL SUPPORT. IF NO METAL FENCING SUPPORT IS USED, THEN INSTALL POSTS ON 6-FOOT CENTER OR LESS.
4. EXCAVATE A TRENCH 6 INCHES DEEP BY 12 INCHES WIDE ON THE UPHILL SIDE OF THE FENCE POSTS.
5. STAPLE OR TIE SILT FENCE FABRIC TO POSTS ON UPHILL SIDE, LEAVING 8 INCHES ON THE BOTTOM EXTEND DOWN AND ACROSS THE BOTTOM OF THE TRENCH.
6. BACKFILL TRENCH AND TAMP DOWN OVER FABRIC.
7. ALLOW 6-INCH OVERLAP AT JOINTS.
8. MULCH BARE GROUND UPHILL OF SILT FENCE OR PROVIDE OTHER EROSION CONTROL MEASURES.

**MAINTENANCE:**

1. REMOVE ACCUMULATED SEDIMENT ALONG THE FENCE WHEN IT HAS REACHED A THIRD TO A HALF THE FENCE HEIGHT. DO NOT PLACE SEDIMENT ON THE DOWNHILL SIDE.
2. INSPECT WEEKLY AND AFTER EACH SIGNIFICANT STORM EVENT (GREATER THAN 1/2 INCH OF RAIN).
3. REMOVE FENCE WHEN AREA ABOVE THE FENCE HAS BEEN STABILIZED.
4. IF FABRIC IS TORN, THEN REPLACE WITH A NEW PIECE THAT STRETCHES TO POST ON EITHER SIDE OF THE TEAR.

**SILT FENCE DETAIL**

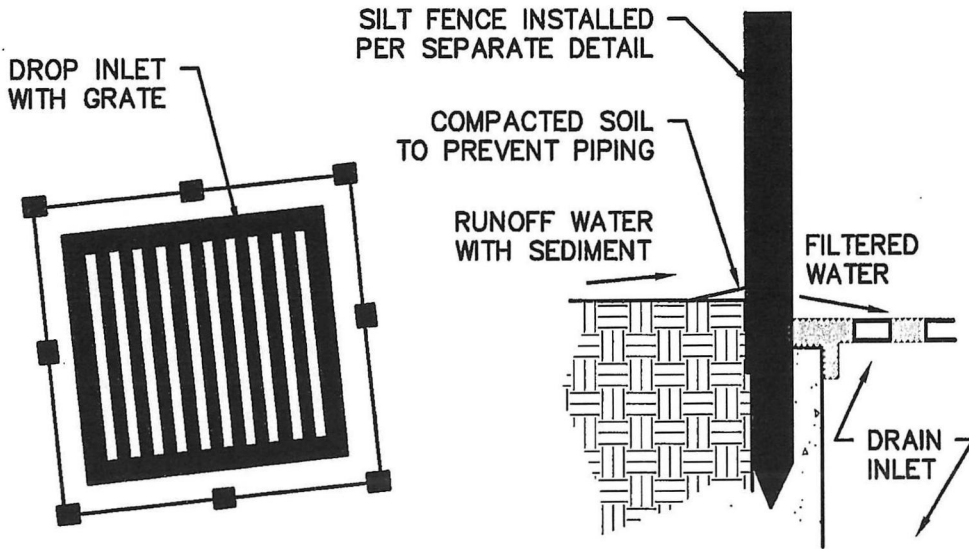
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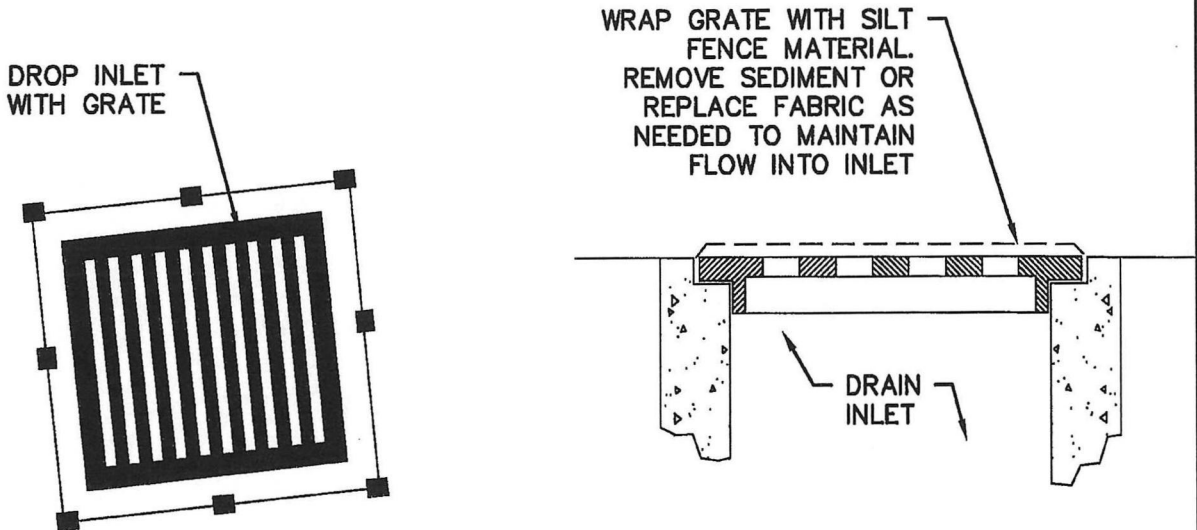
**NOTES:**

1. THE AREA OF THE CONSTRUCTION ENTRANCE SHALL BE EXCAVATED 6 INCHES DEEP, 50 FEET LONG AND SHALL EXTEND THE FULL WIDTH OF ANY VEHICULAR INGRESS AND EGRESS (MINIMUM 20 FEET) LOCATED ON THE SITE.
2. THE ENTRANCE SHALL BE PROPERLY MAINTAINED FOR THE DURATION OF THE PROJECT TO PREVENT THE TRACKING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. ALL MAINTENANCE AND REPAIRS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
3. THE ENTRANCE SHALL BE CHECKED ON A DAILY BASIS AND BEFORE & AFTER ANY RAINFALL EVENT FOR ANY DAMAGES. ANY DAMAGES FOUND SHALL BE REMEDIATED BEFORE THE DAYS END AT NO ADDITIONAL COST.
4. THE ENTRANCE SHALL BE PROPERLY GRADED TO PREVENT THE FLOW OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS SHALL BE REMOVED IMMEDIATELY.
5. MEASURES SHALL BE TAKEN TO PREVENT VEHICULAR TRAFFIC FROM BYPASSING THE CONSTRUCTION ENTRANCE DURING INGRESS AND EGRESS.

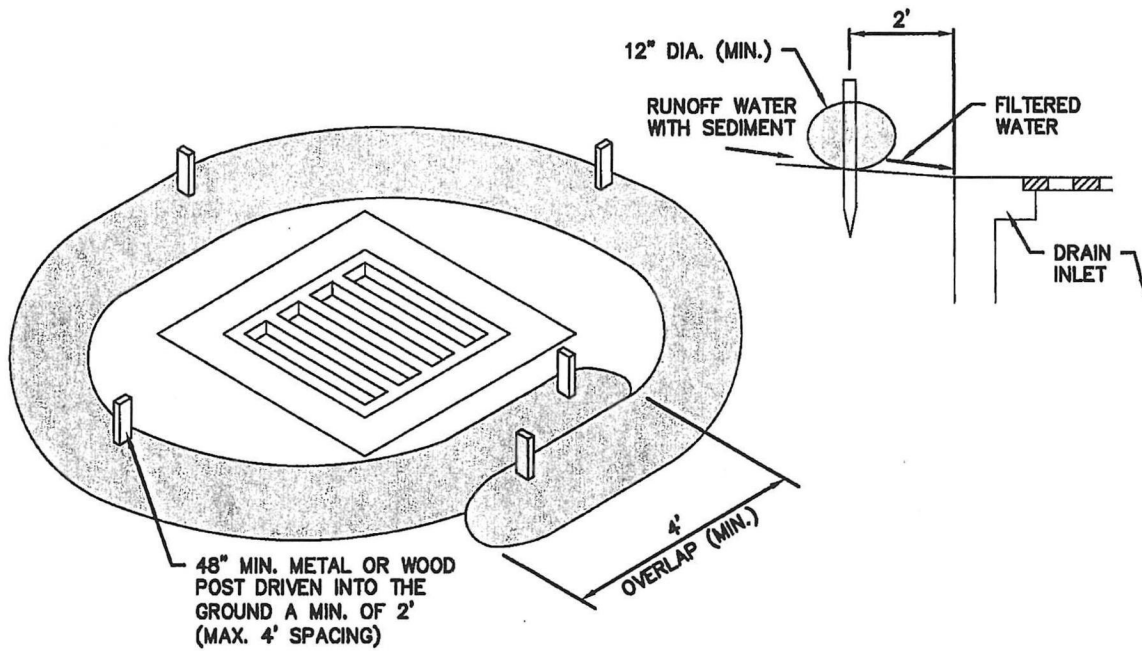
**TEMPORARY CONSTRUCTION**  
**ENTRANCE AND EXIT**  
**N.T.S.**



STORM DRAIN INLET PROTECTION (A)  
N.T.S.



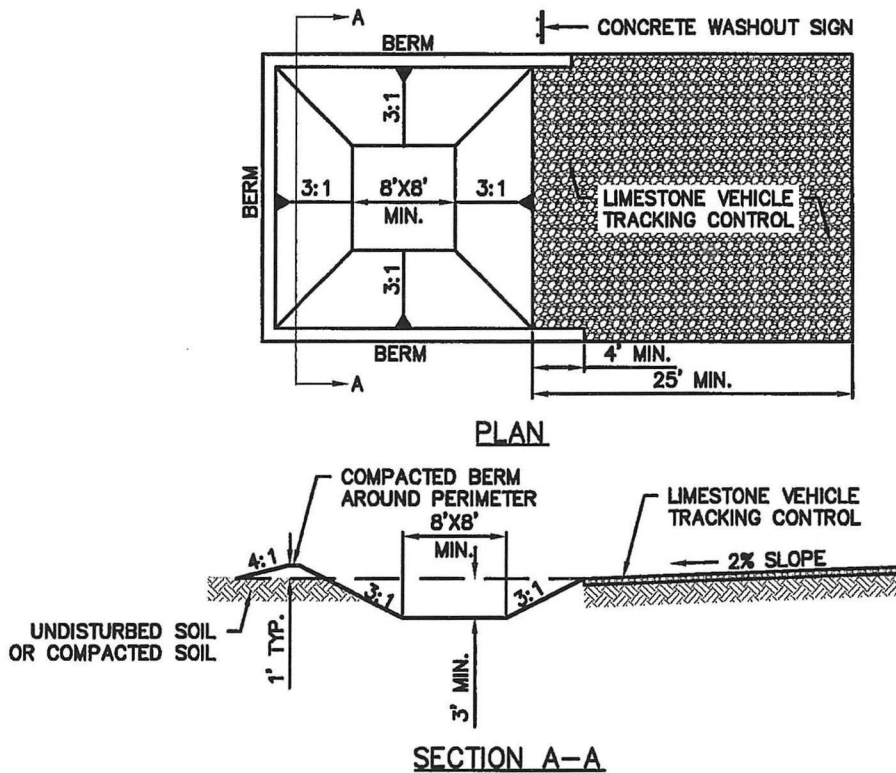
STORM DRAIN INLET PROTECTION (B)  
N.T.S.



**STRAW WATTLE INLET PROTECTION**  
N.T.S.

**NOTES:**

1. CONTRACTOR MAY USE EITHER TYPE OF INLET PROTECTION AS APPROPRIATE



**NOTES:**

1. SEE PLAN VIEW FOR INSTALLATION LOCATION.
2. DO NOT LOCATE ON UNLINED CWA WITHIN 400' OF ANY WELLS OR DRINKING WATER SOURCES. IF SITE CONSTRAINTS MAKE THIS INFEASIBLE, OR IF HIGHLY PERMEABLE SOILS EXIST ON SITE, THE CWA MUST BE INSTALLED WITH AN IMPERMEABLE LINER (16 MIL. MIN. THICKNESS) OR SURFACE STORAGE ALTERNATIVES USING PREFABRICATED CONCRETE WASHOUT DEVICES OR A LINED ABOVE GROUND STORAGE ALTERNATIVES USING PREFABRICATED CONCRETE WASHOUT DEVICES OR A LINED ABOVE GROUND STORAGE SHOULD BE USED.
3. THE CWA SHALL BE INSTALLED PRIOR TO CONCRETE PLACEMENT ON SITE.
4. CWA SHALL INCLUDE A FLAT SUBSURFACE PIT THAT IS AT LEAST 1' BY 8' SLOPES LEADING OUT OF THE SUBSURFACE PIT SHALL BE 3:1 OR FLATTER. THE PIT SHALL BE AT LEAST 3' DEEP.
5. BERM SURROUNDING SIDES AND BACK OF THE CWA SHALL HAVE A MINIMUM HEIGHT OF ONE FOOT.
6. VEHICLE TRACKING PAD SHALL BE SLOPED 2% TOWARD THE CWA.
7. SIGNS SHALL BE PLACED AT THE CONSTRUCTION ENTRANCE, AT THE CWA, AND ELSEWHERE AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CWA TO OPERATORS OF CONCRETE TRUCKS AND PUMP RIGS.
8. USE EXCAVATED MATERIAL FOR PERIMETER BERM CONSTRUCTION.

**CONCRETE WASHOUT AREA**  
**(CWA)**  
 N.T.S.