



30 July 2021

Clinton High School | Athletic Field Improvements  
WBA Project No. 21-038



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## ADDENDUM NO. 02

### NOTICE TO ALL DOCUMENT HOLDERS:

The following additions, deletions, changes and clarifications to the drawings and specifications are to be included as part of the Contract Documents.

### GENERAL

#### ITEM NO. 1

#### QUESTIONS FROM PRE-BID CONFERENCE

A Pre-Bid Conference was held on Tuesday, July 27, 2021 at Clinton High School. Attached is the sign-in sheet from that conference. Below are questions that were brought up during that conference with answers.

1. What will be the total excavation depth?

Depending on the turf system selected, the total excavation depth will be the thickness of the system (synthetic turf + shock pad + drainage mat and/or turf drain pipe + drainage stone) plus 3 feet. For example if 'ACME' turf company is selected and their system requires a total system depth of 6", then overall excavated depth shall be 3'6".

2. Please clarify the excavation limits.

The excavation limits will be changed to 3' outside the footprint of the baseball and softball fields.

3. What will be the required depth of excavation for the bullpens?

The same depth of excavation noted in the first question applies to the bullpens as well.

4. Who will be responsible for testing?

Testing is the responsibility of the contractor.

### SPECIFICATIONS

#### ITEM NO. 2

#### SECTION 03.3100 CONCRETE CURB AND GUTTER

*Remove this section in its entirety.*

- ITEM NO. 3**      **SECTION 31.300 EARTHWORK FOR ATHLETIC FIELDS**  
*ADD* The attached specification section to the Project Manual. The referenced Geotechnical Report was issued as part of Addendum #1
- ITEM NO. 4**      **SECTION 31.5000 SWPPP MAINTENANCE**  
*ADD* The attached specification section to the Project Manual.
- ITEM NO. 5**      **SECTION 33.4600 SUBDRAINAGE**  
*ADD* The attached specification section to the Project Manual. This addresses perimeter drains.

**DRAWINGS**

- ITEM NO. 6**      **C200 SITE PLAN OVERALL PERSPECTIVE**  
Replace with attached sheet.  
*ADDED* note requiring contractor to grass the reaming disturbed areas.
- ITEM NO. 7**      **C201 SITE PLAN ENLARGEMENT 1**  
Replace with attached sheet.  
*ADDED* information for the drop inlet.  
*REVISED* excavation limits dimension(s).  
*ADDED* invert elevations to culverts and revised some culvert slopes.
- ITEM NO. 8**      **C202 SITE PLAN ENLARGEMENT 2**  
Replace with attached sheet.  
*ADDED* invert elevations to culverts.
- ITEM NO. 9**      **C203 SITE PLAN DETAILS**  
Replace with attached sheet.  
*DELETED* details 6 & 7. This information is covered in the architectural drawings.
- ITEM NO. 10**      **C205 SITE PLAN DETAILS**  
Replace with attached sheet.  
*ADDED* a detail for the perimeter drain.
- ITEM NO. 11**      **C300 SWPPP OVERALL PERSPECTIVE**  
Replace with attached sheet.  
Note clarification.
- ITEM NO. 12**      **C401 GRADING PLAN ENLARGEMENT 1**  
Replace with attached sheet.  
Grading adjustment.
- ITEM NO. 13**      **A001 ARCHITECTURAL SITE PLAN**  
Replace with attached sheet.  
*REVISED* the layout and material of the softball bullpens. Bullpens are to be part of the turf system. Pitching direction for both bullpens was also reversed.
- ITEM NO. 14**      **A101 BASEBALL IMPROVEMENTS**  
Replace with attached sheet.  
*REVISED* the height of the outfield fence, batter's eye and padding/windscreen at batter's eye.  
*CLARIFICATION.* The pitcher's mounds are to be raised.



**ITEM NO. 15**

**A102 SOFTBALL IMPROVEMENTS**

Replace with attached sheet.

*REVISED* the layout and material of the softball bullpens. Bullpens are to be part of the turf system. Pitching direction for both bullpens was also reversed.

*REVISED* the portion of existing fence to remain and the height of the new outfield fence.

Encl: SECTION 31.300 EARTHWORK FOR ATHLETIC FIELDS [(3) 8.5" X 11" sheets]; SECTION 31.5000 SWPPP MAINTENANCE [(70) 8.5" X 11" sheets]; SECTION 33.4600 SUBDRAINAGE [(3) 8.5" X 11" sheets]; C200 SITE PLAN OVERALL PERSPECTIVE [(1) 24" X 36" sheet]; C201 SITE PLAN ENLARGEMENT 1 [(1) 24" X 36" sheet]; C202 SITE PLAN ENLARGEMENT 2 [(1) 24" X 36" sheet]; C203 SITE PLAN DETAILS [(1) 24" X 36" sheet]; C205 SITE PLAN DETAILS [(1) 24" X 36" sheet]; C300 SWPPP OVERALL PERSPECTIVE [(1) 24" X 36" sheet]; C401 GRADING PLAN ENLARGEMENT 1 [(1) 24" X 36" sheet]; A001 ARCHITECTURAL SITE PLAN [(1) 24" X 36" sheet]; A101 BASEBALL IMPROVEMENTS [(1) 24" X 36" sheet]; A102 SOFTBALL IMPROVEMENTS [(1) 24" X 36" sheet]

cc: All Document Holders  
File 21-038.C2





SECTION 31.3000  
**Earthwork for Athletic Fields**

**PART 1 - GENERAL**

**1.1 SUMMARY**

- A. Section Includes:
  - 1. Earthwork requirements for the baseball field, softball field, and tennis courts.

**1.2 DEFINITIONS**

- A. Excavation: Cutting, digging and removing all materials of every description, including foundations and rock, and of whatever substance encountered to the dimensions, limits, elevations and contours as shown on the drawings and as herein specified and subsequent disposal of materials removed

**PART 2 - PRODUCTS**

**2.1 BORROW**

- A. The Contractor shall furnish and place suitable material and shall fill and compact as recommended in the Geotechnical Report and as specified in this section.
- B. Select fill soils used in the building area shall be:
  - 1. Material shall be free of organic or other deleterious materials, homogeneous mixture, and consist of lean silty clay conforming to Unified Soil Classifications CL and exhibit a plasticity index (PI) within the range of 10 to 24 with a liquid limit less than 45 and at least 70% passing the No. 200 sieve.
  - 2. Select fill materials shall be approved by the Testing Laboratory.

**PART 3 - EXECUTION**

**3.1 EXISTING SITE CONDITIONS**

- A. All utilities and services, whether shown on the drawings or not, shall be suitably protected and maintained, and any damages thereto shall be promptly repaired. The Owner shall be advised immediately of any damages sustained. If any extra expense is incurred due to the existence of buried utilities not shown on the drawings, or the location of which is not made known to the Contractor, the contract price shall be adjusted in accordance with the General Conditions.

**3.2 PROTECTION**

- A. Protect structures, utilities, light poles, and other facilities from damage during earthwork operations.

**3.3 DEWATERING**

- A. The Contractor shall be responsible for all surface drainage, and rain entering the site and building excavation or foundation, and shall remove such water.
- B. The Contractor shall keep the area graded at all times to facilitate the runoff of surface waters and maintain a dry working area. Existing earth or fill which becomes too wet from any cause shall be disked as to allow drying and recompaction. The Testing Laboratory shall approve moisture conditions prior to construction of athletic fields and courts.

### 3.4 SITE PREPARATION

- A. All existing above and below grade improvements (i.e. buildings, pavements, etc.) within the proposed development area, including concrete or masonry footings, slabs, asphalt, Portland cement pavement, old utilities, any vegetation and topsoil, or other loose, soft or otherwise unsuitable material shall be removed as specified in the demolition drawings. Any unanticipated conditions shall be observed by the Geotechnical Engineer during this process.
- B. Any unsuitable material within the athletic field and court areas shall be removed. Unsuitable material is defined as material that will not reach stability. Stability shall be verified by means of proof-rolling observed by the Geotechnical Engineer. Proof-rolling shall be completed under the direction of the Geotechnical Engineer. Pumping soils shall be removed and replaced as directed by the Geotechnical Engineer.
- C. Over-excavate the baseball and softball field areas to provide a buffer of select fill at least 3 feet deep below the playing surface. The over-excavation shall extend 3 feet outside the area of the synthetic surface, except where it is determined extending the excavation could damage existing structures (see Item E below). Stability of the soil at the bottom of the excavation shall be achieved prior to placing any fill material.
- D. Over-excavate the tennis court areas to provide a buffer of select fill at least 5 feet deep below the concrete slab. The over-excavation shall extend 5 feet outside the edge of the tennis courts and adjacent sidewalks. Stability of the soil at the bottom of the excavation shall be achieved prior to placing any fill material.
- E. Care shall be taken during excavation adjacent to the existing structures to avoid undermining existing structural elements and utilities. The need to excavate immediately adjacent to existing buildings and utilities shall be evaluated during construction based on the inspection of the soil exposed during excavation by the Geotechnical Engineer.
- F. The on-site soils are susceptible to pumping when wet. All soil that is pumping or determined to be unstable by the Geotechnical Engineer shall be remediated by removing the soil, treating with hydrated lime, construction of a bridging layer, or a combination of these approaches. Remediation shall be completed under the direction of the Geotechnical Engineer based on site conditions at the time of construction.
- G. The soils exposed after stripping the site and any excavation shall be scarified to a minimum depth of 6 inches and compacted to not less than 95% of maximum dry density as determined by the standard Proctor (ASTM D698) test with stability present. All areas of the excavation shall be determined to be stable by the Geotechnical Engineering prior to placing select fill material.
- H. All fills shall be constructed at the locations and to the contours, elevations and sections shown on the drawings and as described in the preceding paragraphs.
- I. Fill shall be placed in loose lifts not exceeding 9 inches and shall be compacted at moisture contents within 2 percentage points of the optimum moisture content (ASTM D698) to a minimum of 95% of maximum dry density as determined by the standard Proctor (ASTM D698) test. If water is added, it shall be uniformly applied and thoroughly mixed into the soil by disking or scarifying. Reduce lift depths to 4 inches when hand-guided compaction equipment is used. Field density tests shall be conducted within the building area and completed at a frequency of not less than one test per 2,500 square feet per lift. The surface of each lift shall be scarified prior to placement of subsequent lifts.

SECTION 31.3000

## Earthwork for Athletic Fields

- J. After the over-excavated areas have been filled with select fill, the subgrade soils shall be chemically stabilized to a depth of 12 inches with 5% hydrated lime by dry weight of soils. This is the top 12 inches of the entire area that was over-excavated. The lime treatment of the subgrade soils shall be performed in accordance with Section 307 of the 2017 Edition of the Mississippi Department of Transportation Standard Specifications. The lime-treated subgrade soils shall be compacted to a minimum of 95 percent of standard Proctor density with stability present.
- K. Finished site grades shall be sloped to promote quick runoff of storm water as indicated in the Construction Drawings.
- L. The Architect shall be notified of any questionable materials discovered during site preparation.

### 3.5 TESTING

- A. All tests shall be made by a Testing Laboratory approved by the Architect and employed by the Contractor.
- B. Testing shall be completed as recommended in the Geotechnical Report referenced in Section 00.3200.
- C. Field density tests shall be made as prescribed by ASTM D2922. Other test methods shall be pre-approved by the Architect.
- D. For select fill material, the mechanical analysis shall be by ASTM D422. The liquid and plastic limit determination shall be made by ASTM D423.
- E. Tests failing to meet specifications shall be retested. Replace or rework materials that fail to meet test specifications.

**END OF SECTION**

SECTION 31.5000  
**SWPPP MAINTENANCE**

**PART 1 – GENERAL**

**1.1 SUMMARY**

- A. Section Includes:
  - 1. Narrative Description of Controls. *(see attachment to this specification)*
  - 2. Site Location Map. *(see attachment to this specification)*
  - 3. Erosion and Sediment Control Details. *(see attachment to this specification)*
  - 4. Stormwater Inspection Forms. *(see attachment to this specification)*
  - 5. Mississippi large Construction Stormwater General NPDES permit. *(see attachment to this specification)*
  - 6. Completed large Construction Notice of Intent. *(see attachment to this specification)*
  
- B. Related Sections:
  - 1. 31 25 14 – Temporary Silt Fence
  - 2. 31 25 16 – Temporary Wattles

**1.2 SUBMITTALS**

- A. Field Quality-Control Submittals: Provide weekly inspection reports on all BMPs installed along with each monthly payment request.

**PART 2 – PRODUCTS**

NONE

**PART 3 – EXECUTION**

See the attachment to this specification.

**PART 4 – MAINTENANCE**

- A. See the attachment to this specification.
- B. Provide service and maintenance from start of contract through final completion.

**END OF SECTION**

**STORMWATER POLLUTION PREVENTION PLAN  
(SWPPP)**

Prepared for:

**CLINTON SCHOOL DISTRICT**

*Clinton High School Athletic Field Improvements*  
**Hinds County, Mississippi**

Under Mississippi's  
**Large Construction Stormwater General NPDES Permit**

June 2021

Prepared by:

**ENGINEERING SERVICE**



**CONSULTING ENGINEERS**  
RICHLAND, MISSISSIPPI  
601•939•8737

## **SWPPP Contents**

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1. Narrative Description of Controls
2. Site Location Map
3. Erosion and Sediment Control Details
4. Stormwater Inspection Form
5. Mississippi Large Construction Stormwater General NPDES Permit
6. Completed Large Construction Notice of Intent

### **Site Description:**

The project site covers approximately 5.6 acres located in the City of Clinton, Hinds County, Mississippi and within the property boundaries of the Clinton School District, Clinton High School campus. The proposed improvements are to take place specifically within portions of Section 16 in Township 6 North, Range 1 West of the *Clinton, Mississippi Quadrangle*. The area to be disturbed by the project is currently the site of the existing athletic facilities; the surrounding area consists mainly of facilities used by Clinton High School, including athletic fields and associated parking areas; cleared areas of roadways, including the Natchez Trace Parkway; utility corridors; residences; and undeveloped land. Elevations across the site range from approximately 290 ft. Mean Sea Level (MSL) to approximately 280 ft. MSL. Runoff from the site drains toward an unnamed tributary of Bogue Chitto Creek and ultimately into the Big Black River. No streams receiving runoff directly from the site are listed on the 2020 *303(d) List of Impaired Waterbodies*. Segments of Bogue Chitto Creek below the project site do have approved TMDLs for pH and low dissolved oxygen/organic enrichment. Neither TMDL sets waste load allocations applicable to this project. According to the USDA Natural Resource Conservation Service the predominant soil type of the site is listed as Loring silt loam, 2 to 5 and 5 to 8% slopes, eroded, with a “slight” erosion hazard rating.

### **Project Description:**

The project consists of removing and replacing the existing surfaces of multiple athletic fields. Construction operations will include limited excavation to remove the existing field surface as well as several inches of subsoil materials. The project will include installation of stormwater Best Management Practices (BMPs) including of a construction entrance and contractor lay-down area, inlet protection, and perimeter controls.

### **Prohibited Non-Stormwater Discharges:**

The following discharges are not allowed according to the conditions of the NPDES Permit:

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

**Project Sequence:**

The proposed site improvements include stormwater runoff measures; installation of a construction entrance and contractor lay-down area; protection of existing inlets and drains, installation of appropriate perimeter controls, then removing and replacing the existing field turf. The installation of the new turf will involve excavation below the depth of the existing surface in some areas to allow removal and replacement of unsuitable materials. Work should be performed in an efficient manner in order to avoid leaving disturbed areas exposed to rainfall longer than necessary.

*PROJECT SEQUENCE SUMMARY*

1. Prepare site for construction operations by protecting existing inlets and drains;
2. Install construction entrance and contractor lay-down area;
3. Install and maintain perimeter controls around disturbed areas as appropriate;
4. Remove existing turf and subgrade according to plan specifications;
5. Install subgrade and new turf according to plan specifications;
6. Reclaim construction entrance and lay-down area; and
7. Remove temporary stormwater controls following completion of construction activities.

### **Non-Structural Controls:**

Clearing and soil disturbance will be limited to the smallest area necessary to perform the required task. Areas of disturbed soils will be vegetated or otherwise stabilized to prevent erosion beginning immediately upon completion of disturbance activities. Vegetative practices will include seed bed preparation, seeding of appropriate grass species, mulching, and fertilization if necessary based on soil conditions. Placement of sod and/or use of erosion control blankets may be used in areas where higher velocity flows are anticipated or where more immediate stabilization is needed. Care will be taken to prevent tracking of soils onto roadways. Care will be taken to avoid working in wet soils whenever possible. When work in wet soils is unavoidable, disturbed areas will be stabilized as appropriate to return the area to pre-disturbance conditions. Soil stockpiles and side-cast materials will be located away from inlets and drainage ways to prevent exposure to concentrated flows. Side-cast materials from trenching activities will be replaced and stabilized immediately upon pipe installation to reduce exposure to runoff. Good housekeeping practices will be followed to prevent impacts to runoff from waste and/or hazardous materials associated with construction. Routine inspections will be conducted to ensure proper installation, operation and maintenance of non-structural and structural controls.

1. Limit clearing to the smallest area necessary and leave vegetative buffers where possible.
2. Divert runoff away from disturbed areas and into stable areas.
3. Limit traffic and equipment access to stable areas of the site, avoid wet soils.
4. Maintain stable access points, clean up dirt on roadways immediately.
5. Avoid leaving disturbed soils exposed for long periods.
6. Stabilize disturbed soils with vegetative practices or permanent cover upon completion of disturbance activities.
7. Practice good housekeeping and waste disposal.
8. Store hazardous materials in labeled containers at secure locations.
9. Conduct and document inspections according to required schedule and using forms provided.

### **Structural Controls:**

Temporary erosion checks will be used where appropriate to slow runoff and prevent erosive flow velocity. Temporary silt fencing will be installed where appropriate along the site perimeter, and around construction parking/lay-down area, to divert run-on away from disturbed areas and to intercept and detain runoff from disturbed areas. A rock construction entrance will be installed where construction traffic enters the existing paved public roadway. Inlet protection will be installed over drop inlets that receive runoff from disturbed areas and maintained until final stabilization has been achieved. All temporary measures will require adequate inspection and maintenance to ensure they function properly until disturbed areas are satisfactorily stabilized.

1. Silt fencing using woven geo-textile will be used as a perimeter control as prescribed
2. Silt fencing using non-woven geo-textile and wire support may be used as prescribed to slow and filter runoff
3. Inlet protections will be installed to prevent sediment and debris from entering storm drain drop inlets.
4. Maintenance will be performed as needed; failing controls will be repaired or replaced; temporary measures will be removed once the site is satisfactorily stabilized.

## **General Permit Specific Requirements:**

### ***ACT 5, T-4(1), Vegetative Practices***

(A) *Buffer zones shall be maintained between land disturbing activities and perennial water bodies. A minimum 150-foot buffer zone is recommended.* Buffer Zones of existing vegetation will be maintained to the extent practicable. No work within 150 feet of water bodies is proposed.

(B) *Topsoil should be stockpiled and used in areas that will be re-vegetated. When final grade is reached it should be distributed to a minimum depth of 2 inches on 3:1 slopes and 4 inches on flatter slopes.* Whenever possible, suitable topsoil materials will be used in areas to be vegetated. The project will not involve extensive clearing or removal of topsoil.

(C) *Heavy equipment use in areas to be re-vegetated should be avoided. If compaction cannot be avoided, the top 4 inches of the soil bed should be tilled before re-vegetation. Any necessary fertilizer or other soil amendments should be added during the tilling process.* Heavy equipment use on areas to be re-vegetated will be avoided when possible, tilling, soil amendments and re-vegetation will be used as necessary.

### ***ACT5, T-5(2), Structural Practices***

*Structural practices shall divert flows from exposed soils, store flows or otherwise limit runoff from exposed areas. Such practices may include, but are not limited to, construction entrance/exit, silt fences, earth dikes, brush barriers, drainage swales, check dams, subsurface drains, pipe slope drains, level spreaders, drain inlet protection, outlet protection, detention/retention basins, sediment traps, temporary sediment basins or equivalent sediment controls.* Existing vegetated swales will be protected from disturbance and, if necessary to reduce runoff velocity, supplemented with straw wattle checks. Inlet protection will be installed at all existing inlets prior to land disturbance activities. Runoff from disturbed areas will drain to a detention basin.

### ***ACT5, T-6, Specific Practices***

(A) *Steep slopes that cannot be avoided must have, at a minimum, silt fences or equivalent sediment controls for all down slope boundaries.* No land disturbance in areas with slopes greater than 3:1 are proposed, therefore this requirement is not considered feasible.

(B) *Construction entrances/exits shall be installed wherever traffic will be leaving a construction site and moving directly onto a paved public road.* A construction entrance will be installed at a designated ingress/egress point to the existing paved public roadway. Specific requirements stipulating that stable entrance/exits will be maintained, construction traffic will be limited to stable areas to the extent practicable, that unavoidable disturbance will be immediately stabilized, and that mud tracked on to roadways immediately removed are included in this SWPPP and the contract documents.

(C) *Storm Drain Inlets that could receive stormwater from construction activities shall be protected by surrounding or covering with a filter material until final stabilization has been achieved.* Storm drain inlet protection will be provided according to the stated requirement as identified in preceding sections of this SWPPP and project design specifications.

(D) *Perimeter Controls-Natural areas shall be maintained and supplemented with silt fence and fiber rolls around project perimeter. If not feasible to maintain natural areas, a silt fence or similar controls, such as fiber rolls, are sufficient.* Areas of existing vegetation will be maintained to the extent practicable, and perimeter controls will be implemented in areas where existing vegetation is not sufficient to effectively prevent runoff of sediments from disturbed soils.

(E) *Phasing-Schedule or sequence construction activities to concentrate work in certain areas so as to minimize the amount of soil that is exposed at one time.* Project phasing/scheduling will be followed in accordance with the measures listed in preceding sections of this SWPPP. Soil disturbance activities will be limited to the area of active construction. Work should be performed in an efficient manner in order to avoid leaving disturbed areas exposed to rainfall longer than necessary. Permanent cover will be established as final grade is reached for a given portion of the project. Upon completion of construction activities, inspection and final stabilization of all areas of disturbed soils will occur.

### **Good Housekeeping:**

The project site will be kept in a neat and orderly condition during site activities. Fuels and other potentially hazardous chemicals will not be stored on site. Equipment fueling and routine maintenance will be performed at a designated location away from runoff. Major equipment repairs will be conducted off-site. Any leaks or spills will be immediately collected and properly disposed of. Employees responsible for handling potentially hazardous materials will receive training as appropriate to ensure adequate knowledge of proper use, handling, storage, and disposal methods. Inspections will be conducted at least weekly and prior to, as well as immediately following, significant rainfall events. Inspections will be documented using the designated inspection forms and any repairs or modifications required will be initiated within 24 hours of discovery or as soon as conditions allow. Special attention will be given to inspection and maintenance of controls to reduce discharge of sediment to receiving waters to the maximum extent practicable. All employees will receive training as appropriate to ensure familiarity with the applicable conditions of this SWPPP.

### **Employee Training**

Employees will be instructed to perform regular cleanup in their work areas to prevent storm water from becoming contaminated with waste materials. Employees will be instructed to promptly clean up spilled materials to prevent contact with storm water. Locations of housekeeping and spill response equipment and supplies will be provided to all employees. Where appropriate, employees will be provided instructions on the proper methods to secure drums, tanks and other containers. Those working near such containers will also be instructed to routinely check the integrity of the containers to make sure there are no leaks. Employees responsible for handling potentially hazardous materials will receive training as appropriate to ensure adequate knowledge of proper use, handling, storage and disposal methods. All employees will receive training as appropriate to ensure familiarity with the applicable conditions of this SWPPP.

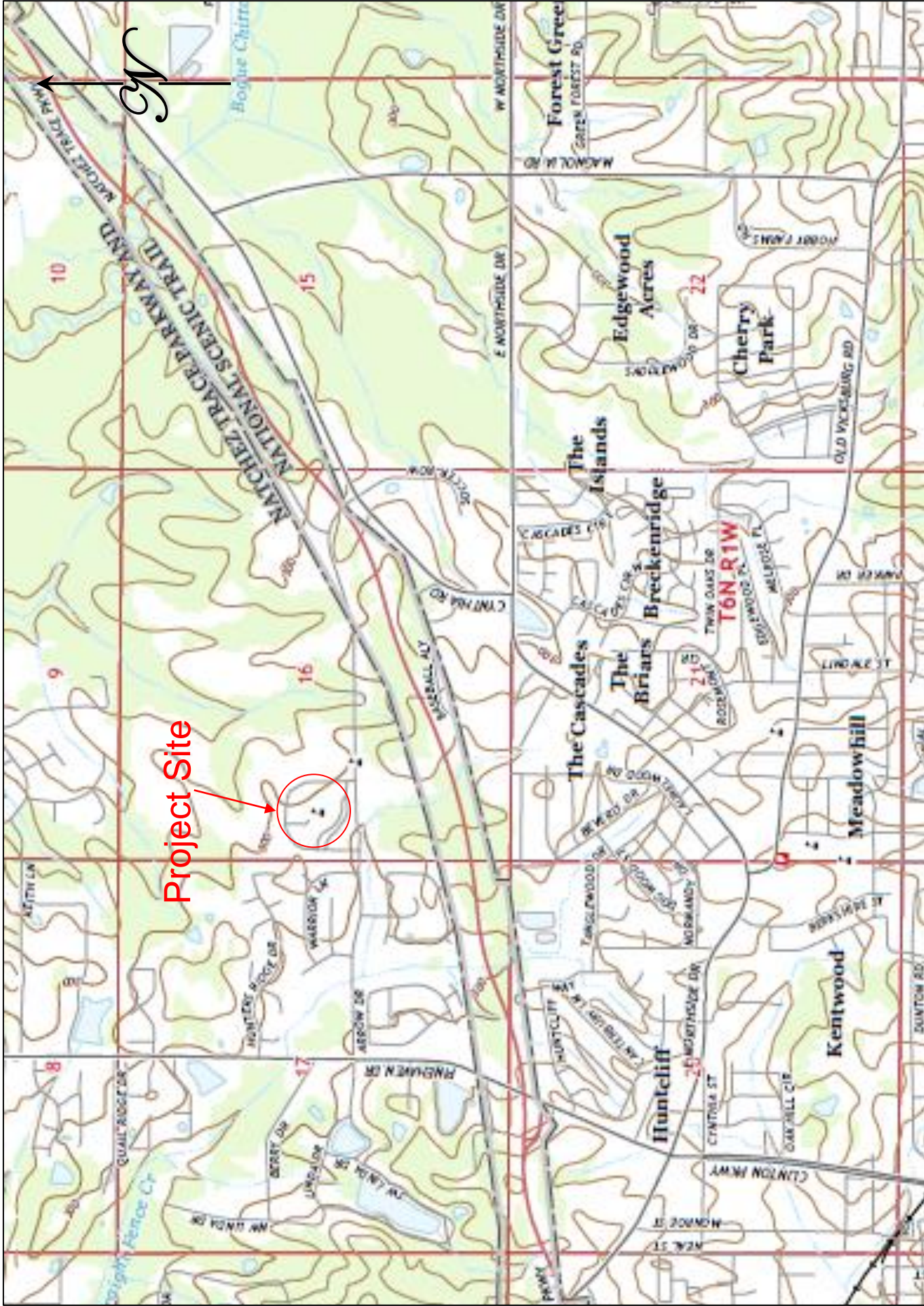
### **Recordkeeping/Reporting:**

Upon commencement of construction the contractor shall begin stormwater inspections. Inspections shall be performed by persons familiar with stormwater management practices.

Inspections will be conducted at least weekly and prior to forecast significant rainfall events, as well as within 24 hours following rainfall events of ½ inch or greater. Inspections will be documented using the designated inspection forms and any repairs or modifications required will be initiated within 24 hours of discovery or as soon as conditions allow. Repairs, maintenance and/or modifications will be recorded on the inspection forms accordingly.

In the event significant modifications to this SWPPP are determined necessary, such modifications will be approved by the project engineer and the modified SWPPP submitted to MDEQ for approval. Upon completion of the project and satisfactory stabilization of soils and drainages the contractor shall submit a completed Notice of Termination form to MDEQ and a copy to the project engineer.

## **Site Location Map**



Clinton School District, 2021 Athletic Field Improvements  
Section 16, T6N, R1W, Hinds County, Mississippi  
Site Location Map, USGS 7.5' Clinton Miss. Quadrangle

**Erosion and Sediment Control Details**  
*(see details in construction drawings)*

## **Stormwater Inspection and Certification Form**

**Keep a Copy Available at the Permitted Facility or Locally Available  
Submit the Inspection Reports Only if Requested by the Mississippi Department of Environmental Quality (MDEQ)**

**LARGE CONSTRUCTION GENERAL PERMIT  
SITE INSPECTION AND CERTIFICATION FORM  
COVERAGE NUMBER (MSR10 \_ \_ \_ \_)**



**INSTRUCTIONS**

**Results of construction storm water inspections required by ACT6 of this permit shall be recorded on this report form and kept with the Storm Water Pollution Prevention Plan (SWPPP) in accordance with the inspection documentation provisions of ACT9 of the this permit. Inspections shall be performed at least weekly for a minimum of four inspections per month. The coverage number must be listed at the top of all Inspection and Certification Forms.**

**COVERAGE RECIPIENT INFORMATION**

**OWNER/PRIME CONTRATOR NAME:** \_\_\_\_\_

**PROJECT NAME:** \_\_\_\_\_

**PROJECT STREET ADDRESS:** \_\_\_\_\_

**PROJECT CITY:** \_\_\_\_\_ **PROJECT COUNTY:** \_\_\_\_\_

**OWNER/PRIME CONTRACTOR MAILING ADDRESS:** \_\_\_\_\_

**MAILING CITY:** \_\_\_\_\_ **STATE:** \_\_\_\_\_ **ZIP:** \_\_\_\_\_

**CONTACT PERSON:** \_\_\_\_\_ **CONTACT PHONE NUMBER: (\_\_\_\_\_)** \_\_\_\_\_

**EMAIL ADDRESS:** \_\_\_\_\_

**INSPECTION DOCUMENTATION**

DATE (mo/day/yr)	TIME (hr:min AM/PM)	ANY DEFICIENCIES? (CHECK IF YES)	INSPECTOR(S)
		<input type="checkbox"/>	
		<input type="checkbox"/>	
		<input type="checkbox"/>	
		<input type="checkbox"/>	
		<input type="checkbox"/>	
		<input type="checkbox"/>	

Deficiencies Noted During any Inspection (give date(s); attach additional sheets if necessary): \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Corrective Action Taken or Planned (give date(s); attach additional sheets if necessary): \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Based upon this inspection, which I or personnel under my direct supervision conducted, I certify that all erosion and sediment controls have been implemented and maintained, except for those deficiencies noted above, in accordance with the Storm Water Pollution Prevention Plan (SWPPP) and sound engineering practices as required by the above referenced permit. I further certify that the LCNOI and SWPPP information is up to date.

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 gather and evaluate the information submitted. Based on my inquiry of the person or persons 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 fines and imprisonment for knowing violations.

\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Title

# PRIME CONTRACTOR CERTIFICATION

## LARGE CONSTRUCTION GENERAL PERMIT

Coverage No. MSR10 \_\_\_\_\_ County \_\_\_\_\_

(Fill in your Certificate of Coverage Number and County)



MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

By completing and submitting this form to MDEQ, the prime contractor is certifying that (1) they have operational control over the erosion and sediment control specifications (including the ability to make modifications to such specifications) or (2) they have day-to-day operational control of those activities at the site necessary to ensure compliance with the SWPPP and applicable permit conditions.

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 permit. Notwithstanding any permit condition to the contrary, the coverage recipient and any person who causes pollution of waters of the state or places waste in a location where they are likely to cause pollution of any waters of the state shall remain responsible under applicable federal and state laws and regulations and applicable permits.

### PRIME CONTRACTOR INFORMATION

PRIME CONTRACTOR CONTACT PERSON: \_\_\_\_\_ PHONE NUMBER: (\_\_\_\_) \_\_\_\_\_

PRIME CONTRACTOR COMPANY: \_\_\_\_\_

PRIME CONTRACTOR STREET (P.O. BOX): \_\_\_\_\_

PRIME CONTRACTOR CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

E-MAIL ADDRESS: \_\_\_\_\_

### OWNER INFORMATION

OWNER CONTACT PERSON: \_\_\_\_\_ PHONE NUMBER: (\_\_\_\_) \_\_\_\_\_

OWNER COMPANY NAME: \_\_\_\_\_

### PROJECT INFORMATION

PROJECT NAME: \_\_\_\_\_

DESCRIPTION OF CONSTRUCTION ACTIVITY: \_\_\_\_\_

PHYSICAL SITE ADDRESS (If the physical address is not available indicate the nearest named road. For linear projects, indicate the beginning of the project and identify all counties the project traverses.)

STREET: \_\_\_\_\_

CITY: \_\_\_\_\_ COUNTY: \_\_\_\_\_

I certify that I am the prime contractor for this project and will comply with all the requirements in the above referenced general NPDES permit. I further 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.

\_\_\_\_\_  
Prime Contractor Signature<sup>1</sup>

\_\_\_\_\_  
Date Signed

\_\_\_\_\_  
Printed Name<sup>1</sup>

\_\_\_\_\_  
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.

This Prime Contractors Certification form shall be submitted to:  
Chief, Environmental Permits Division  
MS Department of Environmental Quality, Office of Pollution Control  
P.O. Box 2261  
Jackson, Mississippi 39225

## **Mississippi Large Construction Stormwater General NPDES Permit**



State of Mississippi  
Mississippi Department of Environmental Quality (MDEQ)



# LARGE CONSTRUCTION GENERAL PERMIT FOR LAND DISTURBING ACTIVITIES OF FIVE (5) OR MORE ACRES

## THIS CERTIFIES THAT

PROJECTS ISSUED A CERTIFICATE OF COVERAGE UNDER THIS PERMIT ARE GRANTED PERMISSION TO DISCHARGE STORM WATER FROM REGULATED CONSTRUCTION ACTIVITIES INTO STATE WATERS

in accordance with effluent limitations, inspection requirements and other conditions set forth in herein. This permit is issued in accordance with the provisions of the Mississippi Water Pollution Control Law (Section 49-17-1 et seq., Mississippi Code of 1972), and the regulations and standards adopted and promulgated thereunder, and under authority granted pursuant to Section 402(b) of the Federal Water Pollution Control Act.

Mississippi Environmental Quality Permit Board

Authorized Signature

Mississippi Department of Environmental Quality

Issued: January 13, 2017

Expires: December 31, 2021

Permit No. MSR10

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**ACT1 (LCGP) Introduction:**

**Narrative Requirements:**

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Condition No.	Condition
T-1	The Large Construction General Permit (LCGP) authorizes storm water discharges from construction activities five (5) acres or greater or less than five (5) acres if part of a "larger common plan of development or sale" (see Definitions). Storm water discharges that enter waters of the State or storm water conveyance systems leading to waters of the State are subject to regulation and compliance with the conditions set forth in this permit. This permit also authorizes storm water discharges from any other construction activity designated by the Executive Director based on the potential for contribution to an excursion of a water quality standard or for significant contribution of pollutants to waters of the State. This permit replaces the previous Large Construction General Permit that expired on December 31, 2015. [11 Miss. Admin. Code Pt. 6, R. 1]

**ACT2 (LCGP) Permit Applicability and Coverage:**

**Narrative Requirements:**

Condition No.	Condition
T-1	<p><b>PERMIT AREA:</b></p> <p>The Large Construction General Permit covers all areas of the State of Mississippi. [11 Miss. Admin. Code Pt. 6, R. 1]</p>
T-2	<p><b>ELIGIBILITY:</b></p> <p>(1) Discharges composed entirely of storm water and allowable non-storm water discharges (see ACT5, T-14 for additional requirements) from construction activity, including clearing, grading, grubbing, excavating and other land disturbing activities of five (5) or more acres or less than five (5) acres if part of a "larger common plan of development or sale" (see Definitions).</p> <p>(2) Allowable Non-Storm Water Discharges:</p> <p>(A) Discharges from actual fire-fighting activities                      (B) Fire hydrant flushing                      (C) Water used to control dust                      (D) Potable water sources including uncontaminated water line flushing                      (E) Routine external building wash down that does not use detergents                      (F) Pavement wash waters where spills or leaks of toxic or hazardous materials have not occurred (unless all spilled material has been removed) and where detergents are not used                      (G) Uncontaminated air conditioning or compressor condensate                      (H) Uncontaminated ground water or spring water                      (I) Foundation or footing drains where flows are not contaminated with process materials such as solvents                      (J) Landscape irrigation                      (K) Water used to wash vehicles, wheel wash water and other wash waters where detergents are not used. [11 Miss. Admin. Code Pt. 6, R. 1]</p>

**ACT2 (continued):**

**Narrative Requirements:**

Condition No.	Condition
T-3	<p>ELIGIBILITY (continued):</p> <p>(3) Prohibited Non-Storm Water Discharges:</p> <p>(A) Wastewater from washout of concrete (unless managed by an appropriate control)</p> <p>(B) Wastewater from washout and cleanout of stucco, paint, form release oils, curing compounds and other construction materials</p> <p>(C) Fuels, oils, or other pollutants used in vehicle and equipment operation and maintenance</p> <p>(D) Soaps or solvents used in vehicle and equipment washing</p> <p>(E) Wastewater from sanitary facilities, including portable toilets</p> <p>(F) Dewatering activities, including discharges from dewatering of trenches and excavations unless managed by BMPs.</p> <p>(4) A project is eligible for coverage under this general permit for discharges of pollutants to water bodies for which there is a Total Maximum Daily Load (TMDL) established or approved by the Environmental Protection Agency (EPA) if measures and controls are incorporated that are consistent with the assumptions and requirements of such TMDL. To be eligible for coverage under this general permit, the project must incorporate in the Storm Water Pollution Prevention Plan (SWPPP) and/or effluent limitation any conditions applicable to any discharge(s) necessary for consistency with the assumptions and requirements of such TMDL. If, after coverage issuance, a specific wasteload allocation is established that would apply to the project's discharge, the project owner/operator must determine and implement all of the steps necessary to meet that allocation within three (3) months from the final TMDL approval date. MDEQ's approved TMDL list may be found at the link listed in paragraph (5) below. In addition, MDEQ's Planning &amp; Design Manual for the Control of Erosion, Sediment and Storm Water identifies specific controls that may be used to address consistency with any applicable TMDLs. The manual can be found at: <a href="http://www.deq.state.ms.us/MDEQ.nsf/page/epd_epdgeneral">http://www.deq.state.ms.us/MDEQ.nsf/page/epd_epdgeneral</a>.</p> <p>(5) A project is eligible for coverage under this general permit for discharges of storm water to impaired water bodies on MDEQ's 303(d) list, provided best management practices (BMPs) are employed that prohibit further impairment of the designated and/or existing beneficial uses in the receiving water body. To be eligible for coverage under this general permit, the owner/operator must indicate on the LCNOI that the project discharges to a 303(d) listed receiving water and incorporate appropriate BMPs in its SWPPP. MDEQ's 303(d) list of impaired water bodies may be found on MDEQ's website at: <a href="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</a>. [11 Miss. Admin. Code Pt. 6, R. 1]</p>

**ACT2 (continued):**

**Narrative Requirements:**

Condition No.	Condition
T-4	<p><b>THIS PERMIT DOES NOT AUTHORIZE:</b></p> <p>(1) Discharges which result in violation of State Water Quality Standards. Whenever a discharge authorized under this permit is later determined to cause or have the reasonable potential to cause or contribute to the violation of an applicable water quality standard, MDEQ will notify the regulated entity of such water quality violation(s) in writing and will provide the information used by MDEQ to make this determination. The regulated entity must take all necessary actions required to ensure future discharges do not cause or contribute to the violation of a water quality standard. If such violations remain or re-occur, then additional measures, such as the addition of Best Management Practices (BMPs) and modification of the SWPPP will be submitted to MDEQ for approval or the requirement to obtain an individual permit, may be required by the Permit Board. Compliance with this requirement does not preclude any enforcement activity as provided by the Clean Water Act for the underlying violation.</p>
T-5	<p>(2) Activities that affect waters of the State, including wetlands, without obtaining the necessary U.S. Army Corps of Engineers (COE) approval. This may include a COE individual Section 404 permit or coverage under a COE nationwide or general permit. Appropriate documentation must be submitted with the Large Construction Notice of Intent (LCNOI). [11 Miss. Admin. Code Pt. 6, R. 1]</p> <p>(3) Discharges or discharge-related activities that are likely to jeopardize the continued existence of any species that is listed as endangered or threatened under the Endangered Species Act (ESA) or result in the adverse modification or destruction of habitat that is designated as critical under the ESA. Coverage under this permit is available only if the regulated entity's storm water discharges, allowable non-storm water discharges, and discharge-related activities are not likely to jeopardize the continued existence of any species that is listed as endangered or threatened ("listed") under the ESA or result in the adverse modification or destruction of habitat that is designated as critical under the ESA ("critical habitat"). Submission of a signed LCNOI, or County Utility Authority approval, if applicable, will be deemed to constitute the regulated entity's certification of eligibility. [11 Miss. Admin. Code Pt. 6, R. 1]</p>

**ACT3 (LCGP) Obtaining Coverage:**

**Submittal/Action Requirements:**

Condition No.	Condition
S-1	<p data-bbox="602 1499 630 1881"><b>OBTAINING AUTHORIZATION:</b></p> <p data-bbox="662 138 808 1881">(1) Owners and/or operators (see Definitions) desiring coverage associated with large construction activity under this permit must submit a Large Construction Notice of Intent (LCNOI) and other required submittals in accordance with the requirements of this permit. For construction activities, the operator is typically the Prime Contractor. However, if the prime contractor does not meet the definition of operator, then the owner must apply. The owner may submit the LCNOI and later, prior to actual construction, the operator may submit the Prime Contractor Certification accepting joint and severable responsibility for applicable permit conditions.</p> <p data-bbox="841 684 868 1881">Beginning December 21, 2020, applicants must submit the LCNOI electronically as required by 40 CFR 127.16.</p> <p data-bbox="901 170 1019 1881">The owner(s) of the property and the operator(s) associated with the regulated construction activity on the property have joint and severable responsibility for compliance with the permit. Notwithstanding any permit condition to the contrary, the coverage recipient and any person who causes pollution of waters of the state or places waste in a location where they are likely to cause pollution, shall remain responsible under applicable federal and state laws and regulations, and applicable permits.</p> <p data-bbox="1052 128 1170 1881">(2) Upon review of the LCNOI, the MDEQ staff may require additional information (including modification of the SWPPP, which could require the implementation of additional controls), recommend that coverage not be granted and/or that an alternate permit would be more appropriate. The MDEQ staff recommendations may be brought before the Mississippi Environmental Quality Permit Board (Permit Board) for review and consideration at a regularly scheduled meeting or at a special meeting at its discretion.</p> <p data-bbox="1203 323 1230 1881">(3) Coverage under this permit will not be granted until all other required MDEQ permits, certifications and approvals are satisfactorily addressed.</p> <p data-bbox="1263 138 1380 1881">(4) Owners or operators are authorized to discharge storm water associated with large construction activity under the terms and conditions of this permit only upon receipt of written notification of approval of coverage by the Permit Board staff. Discharge of storm water without written notification of coverage under this permit or issuance of an individual National Pollutant Discharge Elimination System (NPDES) Storm Water Permit is a violation of the Mississippi Air and Water Pollution Control Law 49-17-29(2)(b). [11 Miss. Admin. Code Pt. 6, R. 1]</p>

**ACT3 (continued):**

**Submittal/Action Requirements:**

Condition No.	Condition
S-2	<p><b>REQUIRING AN INDIVIDUAL PERMIT OR ALTERNATIVE GENERAL PERMIT:</b></p> <p>(1) The Permit Board may require any coverage recipient to apply for and obtain either an individual or an alternative general NPDES permit. Any interested person may petition the Permit Board to take action under this paragraph. The Permit Board may require any coverage recipient to apply for an individual NPDES permit only if the owner or operator has been notified in writing. Such notice shall include reasons for this decision, an application form and a filing deadline. The Permit Board may grant additional time at its discretion, upon request. If a coverage recipient fails to submit a requested application in a timely manner, coverage under this permit will automatically terminate at the end of the day specified for application submittal.</p> <p>(2) Any coverage recipient may request to be excluded from permit coverage by applying for an individual permit or coverage under another general permit. The applicant shall submit an individual application (EPA Forms 1 and 2F along with the narrative requirements of 40 CFR 122.26(c)(1)(ii)) or the appropriate Notice of Intent.</p> <p>(3) Coverage under this permit is automatically terminated on the issuance date of the respective alternative individual permit or general permit coverage. When the request for an alternative individual permit or general permit coverage is denied, coverage under this permit continues unless terminated by the Permit Board. [11 Miss. Admin. Code Pt. 6, R. 1]</p>

S-3	<p><b>HOW TO OBTAIN RECOVERY UNDER THE REISSUED PERMIT:</b></p> <p>If reissuance of this permit does not occur before its expiration date, continued coverage under this permit will be allowed until the effective date of the reissued general permit coverage. Once the Large Construction General Permit is reissued, active coverage recipients will receive a Recovery Form with a Letter of Instruction. If a coverage recipient wishes to be covered by the reissued Large Construction General Permit, the Recovery Form must be completed and returned to the MDEQ in accordance with the provisions of the Letter of Instruction. Resubmittal of the Storm Water Pollution Prevention Plan (SWPPP) is not required if the SWPPP is on-site or locally available, current and adequately addresses the sources of pollution at the facility. Some SWPPP's may require amendment to meet the conditions of the reissued general permit (i.e., deadline for initiating vegetative stabilization measures). [11 Miss. Admin. Code Pt. 6, R. 1]</p>
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**ACT3 (continued):**

**Submittal/Action Requirements:**

Condition No.	Condition
S-4	<p><b>COMMERCIAL DEVELOPMENT - INDIVIDUAL LOTS OR PARCELS:</b></p> <p>Individual lots or parcels within a commercial development that are part of the "larger common plan of development or sale" (see Definitions) are regulated regardless of size or owner. If the owner or developer obtains construction permit coverage for a development then sells lots or parcels within that development, permit coverage must continue on those areas under new ownership. The original coverage recipient is responsible for all construction activities until individual lots or parcels within the development are sold to others and the new owner submits a LCNOL (regardless of size) and obtains coverage under Mississippi's Large Construction General Permit or applies for an individual permit. [11 Miss. Admin. Code Pt. 6, R. 1]</p>
S-5	<p><b>RESIDENTIAL SUBDIVISION - INDIVIDUAL LOTS:</b></p> <p>Individual lots within a residential subdivision that are part of the "larger common plan of development or sale" (see Definitions) are regulated regardless of size or ownership. If the owner or developer obtains construction permit coverage for a residential development, then sells individual lots within that development, permit coverage shall continue on those lots under new ownership. The original coverage recipient may retain responsibility for permit compliance, or the new owner (purchaser) or operator shall satisfy authorization requirements by:</p> <ol style="list-style-type: none"> <li>(1) Completing and submitting the MDEQ Registration Form (see Large Construction Forms Package) and developing and implementing a sediment and erosion control plan for the specific lot(s), or</li> <li>(2) Completing and submitting for approval from the MDEQ, a LCNOL and required documents, or</li> <li>(3) Applying for an individual storm water permit.</li> </ol> <p>The owner or developer (seller) is responsible for providing the new owner or operator (purchaser) with a copy of the MDEQ Registration Form and a copy of the Large Construction General Permit. These documents, as well as the individual application, may be found on MDEQ's website at <a href="http://www.deq.state.ms.us">www.deq.state.ms.us</a> or by calling 601-961-5171. [11 Miss. Admin. Code Pt. 6, R. 1]</p>
S-6	<p><b>RESIDENTIAL SUBDIVISION - EXPANSIONS:</b></p> <p>For subsequent phases, expansions and major modifications of subdivision development that are proposed but were not included in the original SWPPP, the coverage recipient shall submit to MDEQ the Major Modification Form (see Large Construction Forms Package). [11 Miss. Admin. Code Pt. 6, R. 1]</p>

**ACT3 (continued):**

**Submittal/Action Requirements:**

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Condition No.	Condition
S-7	RESIDENTIAL SUBDIVISION - NEW PHASES AND NEW OWNER: If an individual, other than the original developer (coverage recipient), proposes construction of a new phase of an existing subdivision and the proposed phase was not included in the initial submittal of the LCNOI, the new owner or operator must apply for separate permit coverage. [11 Miss. Admin. Code Pt. 6, R. 1]
S-8	APPLICABILITY OF REQUIREMENTS FOR INDIVIDUAL LOTS AND PARCELS IN A LARGER COMMON PLAN OF DEVELOPMENT OR SALE: The original coverage recipient remains responsible for compliance with this general permit until a new owner or operator satisfies the requirements of S-4 and S-5 of this ACT. [11 Miss. Admin. Code Pt. 6, R. 1]

**ACT4 (LCGP) Large Construction Notice of Intent (LCNOI):**

**Submission/Action Requirements:**

Condition No.	Condition
S-1	<p><b>NOTIFICATION REQUIREMENTS:</b></p> <p>Persons desiring coverage for a storm water discharge associated with construction activity under this general permit must submit a LCNOI Form with the required submittals. Discharge of storm water without written notification of coverage under this permit or issuance of an individual National Pollutant Discharge Elimination System (NPDES) Storm Water Permit is a violation of the Mississippi Air and Water Pollution Control Law 49-17-29(2)(b). [11 Miss. Admin. Code Pt. 6, R. 1]</p>
S-2	<p><b>REQUIRED SUBMITTALS WITH THE LCNOI:</b></p> <p>Submittals required with a completed LCNOI include a site-specific SWPPP associated with the construction activities, a United States Geological Survey (USGS) quad map, or color photocopy of the quad map, extending at least 1/2 mile beyond the facility property boundaries with the site location outlined or highlighted. [11 Miss. Admin. Code Pt. 6, R. 1]</p>
S-3	<p><b>ADDITIONAL SUBMITTALS MAY INCLUDE THE FOLLOWING:</b></p> <ul style="list-style-type: none"><li>(1) Appropriate Section 404 documentation from U.S. Army Corps of Engineers,</li><li>(2) Appropriate documentation concerning future disposal of sanitary sewage and sewage collection system construction,</li><li>(3) Appropriate documentation from the MDEQ Office of Land &amp; Water concerning dam construction and low flow requirements, and/or</li><li>(4) Approval from County Utility Authority in Hancock, Harrison, Jackson, Pearl River and Stone Counties in the form of a signed certification by the official responsible for the wastewater treatment facility that will serve the proposed project. [11 Miss. Admin. Code Pt. 6, R. 1]</li></ul>
S-4	<p><b>ADDITIONAL NOTIFICATION:</b></p> <p>The covered owner or operator must notify the Permit Board at least 30 days before any planned changes of ownership or whenever there are any changes in information previously submitted in the LCNOI Form. [11 Miss. Admin. Code Pt. 6, R. 1]</p>

**ACT4 (continued):**

**Submittal/Action Requirements:**

Condition No.	Condition
S-5	<p data-bbox="605 1482 630 1881"><b>MODIFICATION NOTIFICATION:</b></p> <p data-bbox="662 1066 686 1881">The coverage recipient must notify the Permit Board at least 30 days before:</p> <ul style="list-style-type: none"> <li data-bbox="724 953 748 1881">(1) Any planned changes in project operations that may affect storm water discharges,</li> <li data-bbox="786 1430 810 1881">(2) Any planned changes of ownership, or</li> <li data-bbox="847 758 872 1881">(3) Any changes in information previously submitted in the LCN01. [11 Miss. Admin. Code Pt. 6, R. 1]</li> </ul>
S-6	<p data-bbox="902 1388 927 1881"><b>MAJOR MODIFICATION NOTIFICATION:</b></p> <ul style="list-style-type: none"> <li data-bbox="959 159 1016 1881">(1) The following activities require the submittal of a Major Modification Form. This form can be found in the Large Construction Forms Package, which can be obtained from MDEQ at the address given in T-2 of this ACT or from the MDEQ website at <a href="http://www.deq.state.ms.us">www.deq.state.ms.us</a>.</li> <li data-bbox="1049 520 1073 1881">(A) SWPPP details have been developed and are ready for MDEQ review for subsequent phases of an existing, covered project.</li> <li data-bbox="1105 159 1162 1881">(B) Footprint identified in the original LCN01 is proposed to be enlarged (a modified SWPPP and an updated USGS topographic map must be submitted with the Major Modification Form).</li> <li data-bbox="1195 243 1252 1881">(2) Coverage recipients are authorized to implement the proposed modifications, under the conditions of the General Permit, only upon receipt of written notification of approval by the MDEQ.</li> <li data-bbox="1284 142 1341 1881">(3) Proposed changes may require termination of the General Permit coverage and/or application for an individual or alternative general permit. [11 Miss. Admin. Code Pt. 6, R. 1]</li> </ul>

**ACT4 (continued):**

**Narrative Requirements:**

Condition No.	Condition
T-1	<p><b>WHERE TO OBTAIN LCNNOI FORMS:</b></p> <p>LCNNOI Forms may be obtained from the MDEQ at the address shown below or by calling 601-961-5171. LCNNOI Forms, as well as the general permit and guidance manual, may be found on the MDEQ web site at <a href="http://www.deq.state.ms.us">www.deq.state.ms.us</a>. Coverage under this permit will not be granted until all other required MDEQ permits, certifications and approvals are satisfactorily addressed. [11 Miss. Admin. Code Pt. 6, R. 1]</p>
T-2	<p><b>WHERE TO SUBMIT THE LCNNOI:</b></p> <p>Complete and appropriately signed LCNNOI Forms must be submitted to:</p> <p>Chief, Environmental Permits Division                      Mississippi Department of Environmental Quality                      Office of Pollution Control                      P.O. Box 2261                      Jackson, Mississippi 39225</p>
T-3	<p><b>FAILURE TO NOTIFY:</b></p> <p>For priority or overnight deliveries, the physical address is:                      515 East Amite Street                      Jackson, Mississippi 39201. [11 Miss. Admin. Code Pt. 6, R. 1]</p> <p>Persons who discharge storm water associated with Large Construction activity to waters of the State without an NPDES permit are in violation of the Mississippi Air and Water Pollution Control Law 49-17-29(2)(b). [11 Miss. Admin. Code Pt. 6, R. 1]</p>

**ACT5 (LCGP) Storm Water Pollution Prevention Plan (SWPPP):**

**Narrative Requirements:**

Condition No.	Condition
T-1	<p data-bbox="602 1583 630 1881"><b>SWPPP DEVELOPMENT:</b></p> <p data-bbox="662 121 812 1881">A site-specific SWPPP shall be developed requiring the design, installation, implementation and maintenance of effective pollution prevention measures by each owner or operator subject to this permit. A SWPPP shall be prepared in accordance with sound engineering practices and shall identify potential sources of pollution, which may reasonably be expected to affect the quality of storm water discharges associated with construction activity. The SWPPP shall describe and ensure the implementation of specific best management practices for the project site, which will reduce pollutants in storm water discharges and assure compliance with the terms and conditions of this permit. [11 Miss. Admin. Code Pt. 6, R. 1]</p>
T-2	<p data-bbox="837 1654 865 1881"><b>SWPPP CONTENT:</b></p> <p data-bbox="898 1146 925 1881">Erosion and Sediment Controls and Soil Stabilization Requirements:</p> <p data-bbox="958 121 1073 1881">The SWPPP shall list and describe site-specific controls appropriate for the construction activities as well as the procedures for implementing such controls. Controls shall be designed to retain sediment on-site and to minimize the discharge of pollutants. If any of the below controls cannot be implemented on the project site, the SWPPP must include written justification as to why site-specific constraints and/or costs make the control(s) infeasible. At a minimum, such controls must be designed, installed and maintained to:</p> <ul style="list-style-type: none"> <li data-bbox="1105 974 1133 1881">(1) Control storm water volume and velocity within the site to minimize soil erosion;</li> <li data-bbox="1166 170 1226 1881">(2) Control storm water discharges, including both peak flow rates and total storm water volume, to minimize channel and stream bank erosion and scour in the immediate vicinity of discharge points;</li> <li data-bbox="1258 1136 1286 1881">(3) Minimize the amount of soil exposed during construction activity;</li> <li data-bbox="1318 1014 1346 1881">(4) Minimize the disturbance of steep slopes. [11 Miss. Admin. Code Pt. 6, R. 1]</li> </ul>

**ACT5 (continued):**

**Narrative Requirements:**

Condition No.	Condition
T-3	<p data-bbox="602 1528 630 1881">SWPPP CONTENT (continued):</p> <ul style="list-style-type: none"> <li data-bbox="662 163 751 1881">(5) Minimize sediment discharges from the site. The design, installation and maintenance of erosion and sediment controls must address factors such as the amount, frequency, intensity and duration of precipitation, the nature of resulting storm water runoff, and soil characteristics, including the range of soil particle sizes expected to be present on the site;</li> <li data-bbox="784 163 873 1881">(6) Provide and maintain a 50-foot undisturbed natural buffer around waters of the United States; or provide and maintain an undisturbed natural buffer that is less than 50 feet and is supplemented by additional erosion and sediment controls which in combination achieves the sediment load reduction equivalent to a 50-foot undisturbed natural buffer. Direct storm water to vegetated areas and maximize storm water infiltration to reduce pollutant discharges, unless infeasible; and</li> <li data-bbox="906 1136 933 1881">(7) Minimize soil compaction and, unless infeasible, preserve topsoil;</li> <li data-bbox="966 184 1023 1881">(8) Direct storm water to vegetated areas, brush barriers, silt fences, check dams, etc. to aid in the filtration, infiltration, velocity reduction and diffusion of the discharge;</li> <li data-bbox="1055 1094 1083 1881">(9) Transport runoff down steep slopes through lined channels or piping;</li> <li data-bbox="1115 1440 1143 1881">(10) Minimize the amount of cut and fill;</li> <li data-bbox="1175 1266 1203 1881">(11) Minimize off-site vehicle tracking of sediments; and</li> <li data-bbox="1235 201 1292 1881">(12) Minimize the discharge of pollutants from equipment and vehicle washing, wheel wash water, concrete wash water, and other wash waters. Wash waters must be treated in a sediment basin or alternative control that provides equivalent or better treatment prior to discharge. [11 Miss. Admin. Code Pt. 6, R. 1]</li> </ul>

**ACT5 (continued):**

**Narrative Requirements:**

Condition No.	Condition
T-4	<p>The number and type of BMPs included in the SWPPP must reflect the specific conditions of the construction site. An effective SWPPP includes a combination of BMPs that are designed to work together. A combination of BMPs is listed below and must be included as minimum components of a SWPPP. These controls must be in accordance with the design standards set forth in the most current edition of Mississippi's "Erosion Control, Sediment Control and Stormwater Management on Construction Sites and Urban Areas" found at <a href="http://deq.state.ms.us/MDEQ.nsf/page/NPS_PlanningandDesignManual2ndEd_Voll?OpenDocument">http://deq.state.ms.us/MDEQ.nsf/page/NPS_PlanningandDesignManual2ndEd_Voll?OpenDocument</a> or other accredited and approved manual of design.</p> <p>(1) Vegetative Practices shall be designed to preserve existing vegetation where feasible and initiate vegetative stabilization measures after land disturbing activities. Such practices may include, but not limited to, temporary seeding, permanent seeding, mulching, sod stabilization, vegetative buffer strips, tree protection and topsoil preservation.</p> <p>Soil stabilization-vegetative stabilization measures must be initiated whenever any clearing, grading, grubbing, excavating or other land disturbing activities have temporarily or permanently ceased on any portion of the site and will not resume for a period of fourteen (14) calendar days or more. The appropriate temporary or permanent vegetative practices shall be initiated immediately. For purposes of this permit, "immediately" is interpreted to mean no later than the next work day.</p> <p>If you are unable to meet the deadlines in the previous paragraph due to circumstances beyond your control, and you are using vegetative cover for temporary or permanent stabilization, you may comply with the following stabilization deadlines instead:</p> <p>(A) Immediately initiate, and within 14 calendar days complete, the installation of temporary non-vegetative stabilization measures to prevent erosion;</p> <p>(B) 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,</p> <p>(C) Document the circumstances that prevent you from meeting the deadlines required and the schedule you will follow for initiating and completing stabilization.</p> <p>[11 Miss. Admin. Code Pt. 6, R. 1]</p>

**ACT5 (continued):**

**Narrative Requirements:**

Condition No.	Condition
T-5	<p>Specific BMPs that must be included, unless infeasible (see Definitions) are:</p> <p>(A) Buffer zones (see Definitions) shall be maintained between land-disturbing activities and perennial water bodies. A minimum 150-foot buffer zone is recommended; however, if a 150-foot buffer zone cannot be met, the requirements outlined in ACT5, T-3(6) shall be followed.</p> <p>(B) Topsoil should be stockpiled and used in areas that will be re-vegetated. When final grade is reached it should be distributed to a minimum depth of 2 inches on 3:1 slopes and 4 inches on flatter slopes.</p> <p>(C) Heavy equipment use in areas to be re-vegetated should be avoided. If compaction cannot be avoided, the top 4 inches of the soil bed should be tilled before re-vegetation. Any necessary fertilizer or other soil amendments should be added during the tilling process.</p>
T-6	<p>The SWPPP must contain written justification as to why any of these specific controls were not deemed feasible. [11 Miss. Admin. Code Pt. 6, R. 1]</p> <p>(2) Structural practices shall divert flows from exposed soils, store flows or otherwise limit runoff from exposed areas. Such practices may include, but are not limited to, construction entrance/exit, silt fences, earth dikes, brush barriers, drainage swales, check dams, subsurface drains, pipe slope drains, level spreaders, drain inlet protection, outlet protection, detention/retention basins, sediment traps, temporary sediment basins or equivalent sediment controls.</p> <p>Specific practices that must be included, unless infeasible, are:</p> <p>(A) For drainage locations (a drainage point at boundary of land disturbing activity) that serve an area with ten (10) or more disturbed acres at one time, a temporary (or permanent) sediment basin providing at least 3,600 cubic feet (133 cubic yards) of storage per acre drained shall be provided until final stabilization of the site. Sediment basins must be installed before initial site grading and utilize outlet structures that withdraw water from the surface and that are designed for a minimum 2-year, 24-hour storm event. If flocculants are being introduced, sediment basins must be downstream of the point of introduction and include baffles to increase sediment removal efficiency and turbidity reduction.</p> <p>Due to the unique characteristics of linear projects (see Definitions), such as the lack of space within project rights of way and having multiple, distributed discharge points, sedimentation basins are not common practices. Therefore, MDEQ will not require the use of sedimentation basins for linear projects disturbing ten (10) or more acres at one time. Appropriate alternate structural practices, such as sediment traps and check dams, must be included in the SWPPP if sediment basins are deemed infeasible. [11 Miss. Admin. Code Pt. 6, R. 1]</p>

**ACT5 (continued):**

**Narrative Requirements:**

Condition No.	Condition
T-7	<p>(B) Steep Slopes (see Definition) that cannot be avoided must have, at a minimum, silt fences or equivalent sediment controls for all down slope boundaries (and for those side slope boundaries deemed appropriate by individual site conditions), unless a sediment basin providing storage for a calculated volume of runoff from a 2-year, 24-hour storm or 3,600 cubic feet of storage per acre drained is provided.</p> <p>(C) Construction entrances/exits shall be installed wherever traffic will be leaving a construction site and moving directly onto a paved public road.</p> <p>(D) Storm Drain Inlets-Inlets that could receive storm water from construction activities shall be protected by surrounding or covering with a filter material until final stabilization has been achieved. [11 Miss. Admin. Code Pt. 6, R. 1]</p>
T-8	<p>(E) Perimeter Controls-Natural areas shall be maintained and supplemented with silt fence and fiber rolls around project perimeter. If not feasible to maintain natural areas, a silt fence or similar controls, such as fiber rolls, are sufficient.</p> <p>(F) Phasing-Schedule or sequence construction activities so as to concentrate work in certain areas so as to minimize the amount of soil that is exposed at one time.</p> <p>The SWPPP must contain written justification as to why any of these specific controls were not deemed feasible. [11 Miss. Admin. Code Pt. 6, R. 1]</p>
T-9	<p>(3) Facilities discharging into impaired receiving waters (i.e., receiving stream segments which are listed on MDEQ's 303(d) List of Impaired Waters or segments for which a Total Daily Maximum Load (TMDL) has been approved) must identify the pollutant of concern(s) for the receiving stream in the SWPPP. If applicable, the SWPPP shall describe how the selected BMPs will ensure that discharges from the site (if applicable) will not cause or contribute to exceedances of the water quality standards in the receiving stream.</p> <p>(4) A description of any post-construction control measures should be installed, as necessary, to control pollutants in storm water after construction is complete. These controls include, but are not limited to, one or more of the following: on-site infiltration of runoff, flow attenuation using open vegetated swales, exfiltration trenches and natural depressions, constructed wetlands and retention/detention structures. Where needed, velocity dissipation devices shall be placed at detention or retention pond outfalls and along the outfall channel to provide for a non-erosive flow.</p> <p>(5) Proposed responsible parties (original coverage recipient or new owner or operator) for individual lots or out-parcels that are part of a larger common plan of development or sale. If permit responsibility is retained by the original coverage recipient, a narrative description of sediment and erosion controls for subdivision lots is acceptable. Out-parcels in commercial developments must be included in the scaled site map referenced below. [11 Miss. Admin. Code Pt. 6, R. 1]</p>

**ACT5 (continued):**

**Narrative Requirements:**

Condition No.	Condition
T-10	<p data-bbox="602 1614 630 1881">Housekeeping Practices:</p> <p data-bbox="662 121 722 1881">The owner or operator shall design, install, implement and maintain practices appropriate to prevent pollutants from entering storm water from construction sites because of poor housekeeping. These practices must be listed in the SWPPP and located on the site map.</p> <p data-bbox="755 121 899 1881">The owner or operator 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; provide adequately maintained sanitary facilities; provide protected storage areas for chemicals, paints, solvents, fertilizers, pesticides, herbicides, detergents and other potentially toxic materials; and implement spill and leak prevention practices and response procedures if spills and leaks do occur; minimize the exposure of building materials, building products, construction wastes, trash and landscape materials. These areas and specific potential pollutants shall be addressed in the SWPPP and located on the scaled site map.</p> <p data-bbox="932 1152 959 1881">The owner or operator shall provide a description of procedures for:</p> <ul style="list-style-type: none"> <li data-bbox="992 243 1019 1881">(A) Sweeping or removal of sediment and other debris that has been tracked from the site or deposited from the site onto streets and other paved surfaces;</li> <li data-bbox="1052 121 1112 1881">(B) Removal of 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, and;</li> <li data-bbox="1144 170 1205 1881">(C) Removal of accumulated sediment that has been trapped by sediment control measures at the site, in accordance with applicable maintenance requirements covered under this permit.</li> </ul> <p data-bbox="1237 138 1320 1881">The owner or operator shall also provide a description of the procedures for handling and disposing of wastes generated at the site, including, but not limited to, clearing and demolition debris, sediment removed from the site, construction and domestic waste, hazardous or toxic waste, and sanitary waste. [11 Miss. Admin. Code Pt. 6, R. 1]</p>
T-11	<p data-bbox="1349 1625 1377 1881">Flocculant Application:</p> <p data-bbox="1409 128 1494 1881">Flocculants, meeting the criteria contained in ACT8 and used in accordance with manufacturer's instructions, may be incorporated as part of an overall storm water management system. If flocculant application is proposed, the SWPPP must list the proposed flocculants to be used, describe the method, frequency and location of introduction, and identify the location of BMPs where flocculated material will settle. [11 Miss. Admin. Code Pt. 6, R. 1]</p>

**ACT5 (continued):**

**Narrative Requirements:**

Condition No.	Condition
T-12	<p data-bbox="602 1579 630 1881">Prepare Scaled Site Map(s):</p> <p data-bbox="662 1205 690 1881">The owner or operator shall prepare a scaled site map showing:</p> <ol data-bbox="695 142 992 1881" style="list-style-type: none"> <li data-bbox="695 705 722 1881">(1) Boundaries of property and proposed construction activities, noting any phasing of construction activities,</li> <li data-bbox="727 1066 755 1881">(2) Original and proposed contours (if feasible), with steep slopes identified,</li> <li data-bbox="760 1703 787 1881">(3) North arrow,</li> <li data-bbox="792 1579 820 1881">(4) Drainage pattern arrows,</li> <li data-bbox="824 142 873 1881">(5) Location of sensitive areas, such as wetlands, perennial streams and adjacent receiving water bodies (if the receiving waterbody is not depicted on the map, the name and direction shall be listed in text form on the map),</li> <li data-bbox="878 1178 906 1881">(6) Location of any storm drain inlets and any receiving MS4,</li> <li data-bbox="911 1178 938 1881">(7) All erosion and sediment controls (vegetative and structural),</li> <li data-bbox="943 1360 971 1881">(8) Any post-construction control measures, and</li> <li data-bbox="976 1457 1003 1881">(9) Location of housekeeping practices.</li> </ol> <p data-bbox="1024 600 1052 1881">If flocculant application is proposed, the location(s) of the following items shall be marked and labeled on the site map.</p> <ol data-bbox="1057 1446 1105 1881" style="list-style-type: none"> <li data-bbox="1057 1446 1084 1881">(1) Flocculant introduction point(s), and</li> <li data-bbox="1089 1367 1117 1881">(2) BMPs where flocculated material will settle.</li> </ol>
T-13	<p data-bbox="1227 1593 1255 1881">Implementation Sequence:</p> <p data-bbox="1146 159 1203 1881">If the construction project is a linear construction project (see Definitions), a scaled site map is not required, however standard diagrams (e.g., cross sections showing dimensions and labeled components) of erosion and sediment controls to be used must be submitted. [11 Miss. Admin. Code Pt. 6, R. 1]</p> <p data-bbox="1284 138 1344 1881">The SWPPP shall outline an implementation sequence (including any phasing of construction activities), which coordinates the timing of all land-disturbing activities together with the necessary erosion and sedimentation control measures planned for the project. [11 Miss. Admin. Code Pt. 6, R. 1]</p>
T-14	<p data-bbox="1373 1579 1401 1881">Implementation of Controls:</p> <p data-bbox="1430 191 1489 1881">The SWPPP shall require the owner or operator, in disturbing an area, to implement controls as needed to prevent erosion and adverse impacts to waters of the State. [11 Miss. Admin. Code Pt. 6, R. 1]</p>

**ACT5 (continued):**

**Narrative Requirements:**

Condition No.	Condition
T-15	<p data-bbox="602 1472 630 1881">Maintenance and Weekly Inspections:</p> <p data-bbox="662 205 748 1881">The SWPPP shall describe procedures to maintain vegetation, erosion and sediment controls and other protective measures. Procedures shall provide that all controls and outfalls/discharge points are inspected after rain events that produce a discharge and at least weekly for a minimum of four inspections per month in accordance with ACT6, S-5.</p> <p data-bbox="781 142 867 1881">Any poorly functioning erosion controls or sediment controls, non-compliant discharges, or any other deficiencies observed during the inspections required under this permit shall be corrected as soon as possible, but not to exceed 24 hours of the inspection unless prevented by unsafe weather conditions as documented on the inspection form.</p> <p data-bbox="899 149 985 1881">In the event of an unanticipated breach of a sediment basin/pond temporary containment measures shall be taken within 24 hours after the inspection. Permanent corrective measures shall be implemented within five (5) days of the inspection; however, if permanent corrective measures cannot be implemented within the timeframes provided herein the owner or operator shall contact MDEQ. [11 Miss. Admin. Code Pt. 6, R. 1]</p>
T-16	<p data-bbox="1016 1419 1044 1881">Non-Storm Water Discharge Management:</p> <p data-bbox="1076 134 1195 1881">The SWPPP must identify all allowable sources of non-storm water discharges listed in ACT2, T-2, except for flows from actual fire-fighting activities, which are combined with storm water discharges associated with large construction activity. Non-storm water discharges should be eliminated or reduced to the extent feasible. Wash waters must be treated in a sediment basin or alternate control that provides equivalent or better treatment prior to discharge. The SWPPP must identify and ensure the implementation of appropriate Best Management Practices (BMPs) for the non-storm water component of the discharge.</p> <p data-bbox="1227 134 1281 1881">The Permit Board staff will review the above discharges on a case by case basis and may require the coverage recipient to apply for and obtain either an individual or an alternative general NPDES permit as provided in ACT3, S-2. [11 Miss. Admin. Code Pt. 6, R. 1]</p>
T-17	<p data-bbox="1308 1671 1336 1881">Final Stabilization:</p> <p data-bbox="1369 163 1398 1881">The SWPPP shall describe procedures to achieve final stabilization (See Definitions) of all disturbed areas of the project site. [11 Miss. Admin. Code Pt. 6, R. 1]</p>

**ACT5 (continued):**

**Narrative Requirements:**

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Condition No.	Condition
T-18	<p data-bbox="602 1226 630 1881">Example Storm Water Pollution Prevention Plans (SWPPPs):</p> <p data-bbox="662 197 721 1881">Example SWPPPs are included in the Mississippi Storm Water Pollution Prevention Plan Guidance Manual for Construction Activities as well as the MDEQ Registration Form for Individual Residential Lots</p> <p data-bbox="753 516 810 1881">The Mississippi Storm Water Pollution Prevention Plan Guidance Manual for Construction Activities is also available online at: <a href="http://www.deq.state.ms.us/MDEQ.nsf/pdf/epd_conguidman/File/ConstructionGM.pdf">http://www.deq.state.ms.us/MDEQ.nsf/pdf/epd_conguidman/File/ConstructionGM.pdf</a></p> <p data-bbox="842 426 899 1881">The MDEQ Registration Form for Individual Residential Lots is in the Large Construction Forms Package, which is available online at: <a href="http://www.deq.state.ms.us/MDEQ.nsf/pdf/epd_Large_Construction_Forms_Package/File/LARGE_CONST_FORMS_PACKAGE.pdf">http://www.deq.state.ms.us/MDEQ.nsf/pdf/epd_Large_Construction_Forms_Package/File/LARGE_CONST_FORMS_PACKAGE.pdf</a></p> <p data-bbox="932 262 961 1881">US EPA also lists example SWPPPs on their website at: <a href="http://cfpub.epa.gov/npdes/stormwater/swppp.cfm#model">http://cfpub.epa.gov/npdes/stormwater/swppp.cfm#model</a>. [11 Miss. Admin. Code Pt. 6, R. 1]</p>

**ACT6 (LCGP) Implementation and Inspection Requirements:**

**Submittal/Action Requirements:**

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Condition No.	Condition
S-1	<b>IMPLEMENTATION REQUIREMENTS:</b>
	The coverage recipient shall:
	(1) Implement the site-specific SWPPP. Failure to implement the SWPPP is a violation of permit requirements.
	(2) Install structural practices as described in ACT5, T-6 in accordance with the site-specific SWPPP.
	(3) Retain a copy of the SWPPP at the permitted site, and, if feasible, post a copy of the NOI onsite in a location available to the public (e.g., construction entrance, trailer, or model home). A copy of the SWPPP shall be made available to state or local inspectors upon request for review at the time of an on-site inspection. In cases where there is no office or shelter to maintain documents onsite, the SWPPP can be kept locally available (i.e., able to be produced within an hour of being requested by a state or local inspector).
	(4) Implement the following pre-construction activities:
	(A) Mark off areas of "disturbance", "no disturbance", "sensitive areas" (i.e., delineate and clearly flag of mark off areas such as steep slopes, highly erodible soils or other sensitive areas),
	(B) Preserve native topsoil on the site to the extent feasible, and
	(C) Limit construction stream crossings to the minimum necessary to provide access for the construction project.
	(5) Ensure that appropriate Best Management Practices (BMPs) are in place upon commencement of construction activities (see Definitions).
	(6) Amend the SWPPP if notified at any time by the Executive Director of the MDEQ that the SWPPP does not meet the minimum requirements. Coverage recipient shall certify in writing to the Executive Director that the requested changes have been made. Unless otherwise provided, the requested changes shall be made within fifteen (15) days. [11 Miss. Admin. Code Pt. 6, R. 1]

**ACT6 (continued):**

**Submittal/Action Requirements:**

Condition No.	Condition
S-2	<p><b>IMPLEMENTATION REQUIREMENTS (continued):</b></p> <p>(7) Amend the SWPPP whenever there is a change in design, construction, operation, or maintenance which may potentially affect the discharge of pollutants to waters of the State; or the SWPPP proves to be ineffective in controlling storm water pollutants. The amended SWPPP shall be submitted within thirty (30) days of amendment. Coverage recipients shall submit to MDEQ the Major Modification Form (see Large Construction Forms Package) for subsequent phases, expansions and modifications of subdivision development that are proposed but were not included in the original SWPPP</p> <p>(8) Install needed erosion controls even if they may be located in the way of subsequent activities, such as utility installation, grading or construction. It shall not be an acceptable defense that controls were not installed because subsequent activities would require their replacement or cause their destruction.</p> <p>(9) Install additional and/or alternative erosion and sediment controls when existing controls prove to be ineffective in preventing sediment from leaving the site.</p> <p>(10) Comply with applicable State or local waste disposal, sanitary sewer or septic system regulations. [11 Miss. Admin. Code Pt. 6, R. 1]</p>
S-3	<p><b>IMPLEMENTATION REQUIREMENTS (continued):</b></p> <p>(11) Erosion and sediment controls shall be maintained at all times. Except for sediment basins, all accumulated sediment shall be removed from structural controls when sediment deposits reach one-third to one-half the height of the control. For sediment basins, accumulated sediment shall be removed when the capacity has been reduced by 50%. All removed sediment deposits shall be properly disposed of in accordance with the approved SWPPP. Non-functioning controls shall be repaired, replaced or supplemented with functional controls within twenty-four (24) hours of discovery or as soon as field conditions allow.</p> <p>(12) If, after coverage issuance, a specific wasteload allocation is established that would apply to the facility's discharge, the facility must implement steps necessary to meet that allocation. [11 Miss. Admin. Code Pt. 6, R. 1]</p>
S-4	<p><b>COMPLIANCE WITH LOCAL STORM WATER ORDINANCES:</b></p> <p>(1) The SWPPP shall be in compliance with all local storm water ordinances.</p> <p>(2) When storm water discharges into an MS4 (municipal separate storm sewer system), the owner or operator shall make the SWPPP available to the local authority and/or allow site access, upon request. [11 Miss. Admin. Code Pt. 6, R. 1]</p>

**ACT6 (continued):**

**Submittal/Action Requirements:**

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Condition No.	Condition
S-5	INSPECTION REQUIREMENTS:  Inspection of all receiving streams (if feasible), outfalls, erosion and sediment controls and other SWPPP requirements shall be performed during permit coverage using a copy of the form provided in the Large Construction Forms Package (or equivalent form), and inspections shall be performed by qualified personnel (see Definitions):  (1) At least weekly for a minimum of four inspections per month; and  (2) As often as is necessary to ensure that appropriate erosion and sediment controls have been properly constructed and maintained and to determine if additional or alternative control measures are required.  Before conducting the site inspection, the inspector should review Chapter 4, Inspector's Checklist and Troubleshooting Chart found in MDEQ's Field Manual for Erosion and Sediment Control on Construction Sites in Mississippi.  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. [11 Miss. Admin. Code Pt. 6, R. 1]

**ACT7 (LCGP) Limitation Requirements:**

**Limitation Requirements:**

Condition No.	Parameter	Condition
L-1		<p>NON-NUMERIC LIMITATION REQUIREMENTS:</p> <p>Storm water discharges shall be free from:</p> <ul style="list-style-type: none"><li>(1) Debris, oil, scum, and other floating materials other than in trace amounts,</li><li>(2) Eroded soils and other materials that will settle to form objectionable deposits in receiving waters,</li><li>(3) Suspended solids, turbidity and color at levels inconsistent with the receiving waters,</li><li>(4) Chemicals in concentrations that would cause violation of State Water Quality Criteria in the receiving waters. [11 Miss. Admin. Code Pt. 6, R. 1]</li></ul>

**ACT8 (LCGP) Application of Flocculants:**

**Narrative Requirements:**

Condition No.	Condition
T-1	<p>Coverage recipients may need to supplement conventional storm water management systems with flocculants to meet state water quality standards. Flocculants meeting the criteria listed in (1) and (2) below and used in accordance with manufacturer's instructions are approved by this general permit.</p> <p>Any flocculant application, which deviates from the criteria specified below, must receive written approval from MDEQ prior to being implemented. Requests for approval must be in writing and shall describe the deviation, explain the justification for the deviation and provide supporting documentation demonstrating that such deviation will achieve equivalent performance to the criteria listed below. Such requests may be submitted with the LCN01 or under separate cover to the address listed on the LCN01.</p> <ul style="list-style-type: none"> <li>(1) Polymer flocculants for treating turbidity in construction site storm water discharges must meet the following minimum criteria.                             <ul style="list-style-type: none"> <li>(A) Only anionic Polyacrylamide (PAM) polymer,</li> <li>(B) Polymer shall contain less than 0.05% free acrylamide,</li> <li>(C) Polymer shall be non-toxic to fish and other aquatic organisms, and</li> <li>(D) Polymer shall be selected for site specific soil conditions (i.e., jar test).</li> </ul> </li> <li>(2) Systems utilizing polymer flocculants to treat turbidity from construction site storm water discharges must meet the following minimum criteria.                             <ul style="list-style-type: none"> <li>(A) Polymer shall be introduced through turbulent mixing into the storm water upstream of sedimentation BMPs,</li> <li>(B) Sedimentation basin shall be constructed in accordance with the criteria specified in ACT5, T-5 (2)(A),</li> <li>(C) Polymer shall be applied in accordance with manufacturer's instructions, and</li> <li>(D) There shall be no discharge of un-dissolved polymer, clumps of polymer and/or unsettled flocculant material. [1 Miss. Admin. Code Pt. 6, R. 1]</li> </ul> </li> </ul>

**ACT9 (LCGP) Record Keeping and Reporting Requirements:**

**Record-Keeping Requirements:**

Condition No.	Condition
R-1	RETENTION OF RECORDS:  All records, reports, forms and information resulting from activities required by this permit shall be retained for a period of at least three (3) years from the date that the document(s) was generated. [11 Miss. Admin. Code Pt. 6, R. 1]

**Submittal/Action Requirements:**

Condition No.	Condition
S-1	<p>SUSPENSION OF WEEKLY INSPECTIONS AND MONTHLY RECORD KEEPING:</p> <p>Coverage recipients under this general permit may suspend weekly inspection and monthly record keeping requirements, if the coverage recipient certifies that:</p> <ol style="list-style-type: none"> <li>(1) Land-disturbing activities have temporarily ceased,</li> <li>(2) No further land-disturbing activities are planned for a period of at least six (6) months,</li> <li>(3) Areas that have been disturbed meet the definition of "final stabilization" (see Definitions), with no active erosion, and</li> <li>(4) Vegetative cover has been established.</li> </ol> <p>Color photographs representative of the site must be submitted with the Inspection Suspension Form provided in the Large Construction Forms Package. The coverage recipient shall notify the MDEQ once construction activities are resumed and the weekly inspections shall commence immediately and as required in ACT6, S-5. The coverage recipient is still responsible for all permit conditions during the suspension period and nothing in this condition shall limit the rights of the MDEQ to take enforcement or other actions against the coverage recipient. [11 Miss. Admin. Code Pt. 6, R. 1]</p>

**ACT9 (continued):**

**Submittal/Action Requirements:**

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Condition No.	Condition
S-2	<p>The inspections described in ACT6, S-5 must be documented on copies of the Monthly Inspection Report and Certification Form provided in the Large Construction Forms Package (or equivalent form) and be kept with the SWPPP.</p> <p>Submittals of the MDEQ Registration Form for residential lots are required. It is the responsibility of both the owner or developer (seller) and the new owner or operator (purchaser) to maintain a copy of the MDEQ Registration Form. The new owner or operator must maintain a copy of the MDEQ Registration Form at the site. In cases where there is no office or shelter to maintain documents onsite, the Registration Form can be kept locally available (i.e., able to be produced within an hour of being requested by state or local inspectors). [11 Miss. Admin. Code Pt. 6, R. 1]</p>

**ACT10 (LCGP) Termination of Permit Coverage:**

**Submittal/Action Requirements:**

Condition No.	Condition
S-1	<p data-bbox="602 107 722 1906">Within thirty (30) days of final stabilization (see Definition of Final Stabilization (1)) for a covered project, a completed Request for Termination (RFT) of Coverage form (provided in the Large Construction Forms Package) shall be submitted to the Permit Board. Upon receiving the completed RFT, the MDEQ staff will inspect the site. If no sediment and erosion control problems are identified and adequate permanent controls are established, the owner or operator will receive a termination letter. Coverage is not terminated until notified in writing by MDEQ. Failing to submit a RFT is a violation of permit conditions.</p> <p data-bbox="755 107 782 1906">The coverage recipient of a "larger common plan of development or sale" must submit a RFT within thirty (30) days after the following conditions are met:</p> <ul data-bbox="815 107 935 1906" style="list-style-type: none"><li data-bbox="815 107 842 1906">(1) Final stabilization (see Definition of Final Stabilization (2)) has been achieved on all portions of the site for which the coverage recipient is responsible, and</li><li data-bbox="875 107 935 1906">(2) Other owner(s) or operator(s) have assumed control (by completing a LCNOI or MDEQ Registration Form) over all areas of the site that have not achieved final stabilization.</li></ul> <p data-bbox="967 107 1019 1906">The coverage recipient of a residential "larger common plan of development or sale" must submit a copy of the MDEQ Registration Form for each lot sold with the RFT.</p> <p data-bbox="1052 107 1104 1906">Residential lot owners or operators that have completed the MDEQ Registration Forms are not required to submit a RFT, unless specifically requested by the MDEQ staff. The lot permit coverage is considered terminated upon "successful completion of all permanent erosion and sediment controls" (see Definitions).</p> <p data-bbox="1136 107 1170 1906">Beginning December 21, 2020, the RFT must be submitted electronically as required by 40 CFR 127.16. [11 Miss. Admin. Code Pt. 6, R. 1]</p>

**ACT11 (LCCGP) Standard Requirements Applicable To All Water Permits:**

**Narrative Requirements:**

Condition No.	Condition
T-1	<p><b>DUTY TO COMPLY:</b></p> <p>The coverage recipient must comply with all conditions of this permit. Any permit noncompliance constitutes a violation and is grounds for enforcement action; for coverage termination, revocation and reissuance, or modifications; or denial of a renewal application. [11 Miss. Admin. Code Pt. 6, R. 1]</p>
T-2	<p><b>DUTY TO MITIGATE:</b></p> <p>The owner or operator shall take all reasonable steps to minimize or prevent any discharge in violation of this permit which is likely to adversely affect human health or the environment. [11 Miss. Admin. Code Pt. 6, R. 1]</p>
T-3	<p><b>DUTY TO PROVIDE INFORMATION:</b></p> <p>The owner or operator shall furnish to the Permit Board, within a reasonable time, any information that the Permit Board may request to determine compliance with this permit. [11 Miss. Admin. Code Pt. 6, R. 1]</p>
T-4	<p><b>PROPERTY RIGHTS:</b></p> <p>The issuance of this permit does not convey any property rights of any sort, nor any exclusive privileges, nor does it authorize any injury to private property nor any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations. [11 Miss. Admin. Code Pt. 6, R. 1]</p>
T-5	<p><b>SEVERABILITY:</b></p> <p>The provisions of this permit are severable. If any provision of this permit, or the application of any provision of this permit to any circumstances, is challenged or held invalid, the validity of the remaining permit provisions and/or portions thereof or their application to other persons or sets of circumstances, shall not be affected thereby. [11 Miss. Admin. Code Pt. 6, R. 1]</p>
T-6	<p><b>OIL AND HAZARDOUS SUBSTANCE LIABILITY:</b></p> <p>Nothing in this permit shall relieve the owner or operator from responsibilities, liabilities, or penalties under Section 311 of the CWA (33 U.S.C. Section 1321). [11 Miss. Admin. Code Pt. 6, R. 1]</p>

**ACT11 (continued):**

**Narrative Requirements:**

Condition No.	Condition
T-7	<p data-bbox="602 1507 630 1881"><b>SIGNATORY REQUIREMENTS:</b></p> <p data-bbox="662 1157 690 1881">All LCNOLs and requests for recovery shall be signed as follows:</p> <p data-bbox="722 701 750 1881">(1) For a corporation by a responsible corporate officer. For this permit, a responsible corporate officer means:</p> <p data-bbox="782 128 842 1881">(A) A president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation; or</p> <p data-bbox="875 128 1019 1881">(B) The manager of one or more manufacturing, production or operating facilities, provided, the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures;</p> <p data-bbox="1052 128 1170 1881">Note: MDEQ does not require specific assignments or delegations of authority to responsible corporate officers identified in paragraph (1)(A) above. The Department will presume that these responsible corporate officers have the requisite authority to sign permit applications unless the corporation has notified the Permit Board to the contrary. Corporate procedures governing authority to sign permit applications may provide for assignment or delegation to applicable corporate positions under paragraph (1)(B) above rather than to specific individuals.</p> <p data-bbox="1203 842 1230 1881">(2) For a partnership or sole proprietorship by a general partner or the proprietor, respectively; or</p> <p data-bbox="1263 128 1323 1881">(3) For a municipal, State, Federal, or other public agency by either a principal executive officer or ranking elected official. For purposes of this section, a principal executive officer of a Federal agency includes:</p> <p data-bbox="1356 1356 1383 1881">(A) The chief executive officer of the agency, or</p> <p data-bbox="1416 191 1443 1881">(B) A senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency. [11 Miss. Admin. Code Pt. 6, R. 1]</p>

**ACT11 (continued):**

**Narrative Requirements:**

Condition No.	Condition
T-8	<p data-bbox="602 1381 626 1881"><b>DULY AUTHORIZED REPRESENTATIVE:</b></p> <p data-bbox="662 121 722 1881">All SWPPPs, reports required by this permit, certifications and other information requested by the Permit Board shall be signed by a person described in T-7 above, or by a duly authorized representative of that person. A person is a duly authorized representative when:</p> <ul data-bbox="751 121 902 1881" style="list-style-type: none"><li data-bbox="751 695 776 1881">(1) The authorization is made in writing and submitted to the Permit Board by a person described in T-7 above.</li><li data-bbox="813 121 902 1881">(2) The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated activity, such as: manager, operator of a well or well field, superintendent, person of equivalent responsibility, or an individual or position having overall responsibility for environmental matters for the company. (A duly authorized representative may be either a specified individual or position). [11 Miss. Admin. Code Pt. 6, R. 1]</li></ul>
T-9	<p data-bbox="927 1478 951 1881"><b>CHANGES TO AUTHORIZATION:</b></p> <p data-bbox="987 121 1073 1881">If an authorization is no longer accurate because a different individual or position has permit responsibility, a new authorization satisfying the requirements of T-7 and T-8 above, must be submitted to the Permit Board prior to or together with any reports, information or applications signed by the representative. [11 Miss. Admin. Code Pt. 6, R. 1]</p>
T-10	<p data-bbox="1101 1667 1125 1881"><b>CERTIFICATION:</b></p> <p data-bbox="1161 940 1185 1881">Any person signing documents under this section shall make the following certification:</p> <p data-bbox="1221 121 1369 1881">"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." [11 Miss. Admin. Code Pt. 6, R. 1]</p>

**ACT11 (continued):**

**Narrative Requirements:**

Condition No.	Condition
T-11	<p><b>PROPER OPERATION AND MAINTENANCE:</b></p> <p>The coverage recipient shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the coverage recipient to achieve compliance with the conditions of this permit including the Storm Water Pollution Prevention Plan. Proper operation and maintenance includes adequate laboratory controls with appropriate quality assurance procedures and requires the operation of backup or auxiliary facilities when necessary to achieve compliance with permit conditions. [11 Miss. Admin. Code Pt. 6, R. 1]</p>
T-12	<p><b>MONITORING AND RECORDS:</b></p> <p>(1) Monitoring. Samples and measurements shall be representative of the monitored activity and must be conducted according to test procedures approved under 40 CFR Part 136.</p> <p>(2) Retention of Records. The owner or operator shall retain records of all required monitoring information for a period of at least three years from the date of the measurement, report, or application. This information includes all calibration and maintenance records, all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the Notice of Intent to be covered by this permit. This period may be extended by request of the Permit Board or its designee.</p> <p>(3) Record Contents. Records of monitoring information shall include:</p> <ul style="list-style-type: none"> <li>(A) The date, exact location, and time of sampling or measurements,</li> <li>(B) The initials or names of the individuals who performed the sampling or measurements,</li> <li>(C) The date(s) and time(s) analyses were performed,</li> <li>(D) The initials or names of the individuals who performed the analyses,</li> <li>(E) References and written procedures, when available, for the analytical techniques or methods used, and</li> <li>(F) The results of such analyses, including the bench sheets, instrument readouts, computer disks or tapes, etc., used to determine these results. [11 Miss. Admin. Code Pt. 6, R. 1]</li> </ul>

**ACT11 (continued):**

**Narrative Requirements:**

Condition No.	Condition
T-13	<p data-bbox="602 1591 630 1881"><b>BYPASS PROHIBITION:</b></p> <p data-bbox="662 134 813 1881">Bypass (see 40 CFR 122.41(m)) is prohibited and enforcement action may be taken against an coverage recipient for a bypass, unless: a) the bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; b) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime (this condition is not satisfied if the coverage recipient should, in the exercise of reasonable engineering judgment, have installed adequate backup equipment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance); and c) The owner or operator submitted notices per T-17 of this ACT. [11 Miss. Admin. Code Pt. 6, R. 1]</p>
T-14	<p data-bbox="837 1619 865 1881"><b>UPSET CONDITIONS:</b></p> <p data-bbox="898 134 959 1881">An upset (see 40 CFR 122.41(n)) constitutes an affirmative defense to an action brought for noncompliance with technology-based permit limitations if a coverage recipient shall demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence, that:</p> <ol data-bbox="987 176 1255 1881" style="list-style-type: none"> <li data-bbox="987 856 1015 1881">(1) An upset occurred and the coverage recipient can identify the specific cause(s) of the upset,</li> <li data-bbox="1047 1045 1075 1881">(2) The permitted facility was at the time of the upset being properly operated,</li> <li data-bbox="1107 1119 1135 1881">(3) The coverage recipient submitted notices per T-17 of this ACT, and</li> <li data-bbox="1167 176 1255 1881">(4) The coverage recipient took remedial measures as required under T-2 of this ACT. In any enforcement proceeding, the coverage recipient has the burden of proof that an upset occurred. No determination made during administrative review of claims that noncompliance was caused by upset, and before an action for noncompliance is initiated, will be considered a final administrative action subject to judicial review. [11 Miss. Admin. Code Pt. 6, R. 1]</li> </ol>

**ACT11 (continued):**

**Narrative Requirements:**

Condition No.	Condition
T-15	<p data-bbox="602 1556 630 1881"><b>INSPECTION AND ENTRY:</b></p> <p data-bbox="662 121 722 1881">The coverage recipient shall allow the Permit Board staff or an authorized representative, upon the presentation of credentials and other documents as may be required by law, to:</p> <ol data-bbox="755 121 1023 1881" style="list-style-type: none"><li data-bbox="755 121 803 1881">(1) Enter upon the owner or operator's premises where a regulated activity is located or conducted or where records must be kept under the conditions of this permit;</li><li data-bbox="812 121 852 1881">(2) Have access to and copy at reasonable times any records that must be kept under the conditions of this permit;</li><li data-bbox="868 121 933 1881">(3) Inspect at reasonable times any facilities or equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and</li><li data-bbox="958 121 1023 1881">(4) Sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the Clean Water Act, any substances or parameters at any location. [11 Miss. Admin. Code Pt. 6, R. 1]</li></ol>
T-16	<p data-bbox="1047 1650 1075 1881"><b>PERMIT ACTIONS:</b></p> <p data-bbox="1107 121 1192 1881">This permit may be modified, revoked and reissued, or terminated for cause. A request by the coverage recipient for permit or coverage modification, revocation and reissuance, or termination, or a certification of planned changes or anticipated noncompliance does not stay any permit condition. [11 Miss. Admin. Code Pt. 6, R. 1]</p>

**ACT11 (continued):**

**Narrative Requirements:**

Condition No.	Condition
T-17	<p><b>NONCOMPLIANCE REPORTING:</b></p> <p>(1) Anticipated Noncompliance. The coverage recipient shall give at least ten (10) days advance notice, if possible, before any planned noncompliance with permit requirements. Giving notice of planned or anticipated noncompliance does not immunize the coverage recipient from enforcement action for that noncompliance.</p> <p>(2) Unanticipated Noncompliance. The coverage recipient shall notify the MDEQ orally within twenty-four (24) hours from the time he or she becomes aware of unanticipated noncompliance, which may endanger health or the environment. A written report shall be provided to the MDEQ within five (5) working days of the time he or she becomes aware of the circumstances leading to the unanticipated noncompliance. The report shall describe the cause, the exact dates and times, steps taken or planned to reduce, eliminate, or prevent reoccurrence and, if the noncompliance has not ceased, the anticipated time for correction. MDEQ may waive the written report on a case-by-case basis, if the oral report is received within 24 hours. [11 Miss. Admin. Code Pt. 6, R. 1]</p>
T-18	<p><b>REOPENER CLAUSE:</b></p> <p>If there is evidence indicating potential or realized impacts on water quality due to large construction activities covered by this permit, the coverage recipient may be required to obtain individual permit or an alternative general permit in accordance with ACT3, S-2 or the permit may be modified to include different limitations and/or requirements. [11 Miss. Admin. Code Pt. 6, R. 1]</p>
T-19	<p><b>PERMIT MODIFICATION:</b></p> <p>Permit modification or revocation will be conducted according to 40 CFR 122.62, 122.63, 122.64 and 124.5. [11 Miss. Admin. Code Pt. 6, R. 1]</p>
T-20	<p><b>TRANSFERS:</b></p> <p>Coverage under this permit is not transferable to any person except after notice to and approval by the Permit Board. The Permit Board may require the coverage recipient to obtain another NPDES permit as stated in ACT3, S-2. Transfer of coverage requests shall be submitted to the Permit Board using the form provided in the Large Construction Forms Package. [11 Miss. Admin. Code Pt. 6, R. 1]</p>

**ACT11 (continued):**

**Narrative Requirements:**

Condition No.	Condition
T-21	<p data-bbox="602 1276 630 1881"><b>CONTINUATION OF EXPIRED GENERAL PERMIT:</b></p> <p data-bbox="662 121 719 1881">If this permit is not reissued prior to the expiration date, it will be administratively continued and remain in force and effect. Permit coverage will remain until the earliest of:</p> <ol data-bbox="751 121 992 1881" style="list-style-type: none"><li data-bbox="751 1339 779 1881">(1) Recoverage under the reissued general permit;</li><li data-bbox="812 1024 839 1881">(2) Submittal of a Request for Termination and receipt of written concurrence;</li><li data-bbox="872 1171 899 1881">(3) Issuance of an individual permit for the project's discharge; or</li><li data-bbox="932 121 992 1881">(4) A formal permit decision by the Permit Board to not reissue the general permit, at which time the coverage recipient must seek coverage under an alternative general permit or an individual permit. [11 Miss. Admin. Code Pt. 6, R. 1]</li></ol>
T-22	<p data-bbox="1019 1591 1047 1881"><b>FALSIFYING REPORTS:</b></p> <p data-bbox="1079 121 1166 1881">Any coverage recipient who falsifies any written report required by or in response to a permit condition shall be deemed to have violated a permit condition and shall be subject to the penalties provided for a violation of a permit condition pursuant to Section 49-17-43 of the Mississippi Water Pollution Control Law (Mississippi Code Ann. Sections 49-17-1 et seq.). [11 Miss. Admin. Code Pt. 6, R. 1]</p>
T-23	<p data-bbox="1193 1465 1221 1881"><b>CIVIL AND CRIMINAL LIABILITY:</b></p> <ol data-bbox="1253 121 1489 1881" style="list-style-type: none"><li data-bbox="1253 121 1310 1881">(1) Any person who violates a term, condition or schedule of compliance contained within this permit or the Mississippi Air and Water Pollution Control Law is subject to the actions defined by the Mississippi Air and Water Pollution Control Law.</li><li data-bbox="1343 121 1399 1881">(2) Except as provided in permit conditions on "Bypassing" and "Upsets", nothing in this permit shall be construed to relieve the coverage recipient from civil or criminal penalties for noncompliance.</li><li data-bbox="1432 121 1489 1881">(3) It shall not be the defense of the coverage recipient in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [11 Miss. Admin. Code Pt. 6, R. 1]</li></ol>

**ACT12 (LCGP) Definitions:**

**Narrative Requirements:**

Condition No.	Condition
T-1	BEST MANAGEMENT PRACTICES (BMPs) means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the discharge of pollutants to waters of the United States. BMPs also include treatment requirements, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage. [11 Miss. Admin. Code Pt. 6, R. 1]
T-2	BUFFER ZONE, as used in this permit, means a strip of dense undisturbed perennial vegetation, either original or reestablished, that borders perennial streams and rivers, ponds and lakes and wetlands. Buffer zones are established for the purposes of slowing water runoff, enhancing water infiltration, and minimizing the risk of any potential nutrients or pollutants from leaving the upland area and reaching surface waters. Buffer zones are most effective when storm water runoff is flowing into and through the buffer zone as shallow sheet flow, rather than in concentrated form such as in channels, gullies, or wet weather conveyances. Therefore, it is critical that the design of any development include management practices, to the maximum extent practical, that will result in storm water runoff flowing into and through the buffer zone as shallow sheet flow. [11 Miss. Admin. Code Pt. 6, R. 1]
T-3	CFR means the Code of Federal Regulations. [11 Miss. Admin. Code Pt. 6, R. 1]
T-4	CLEAN WATER ACT (CWA) refers to the Federal Water Pollution Control Act, 33 U.S.C. section 1251 et seq. [11 Miss. Admin. Code Pt. 6, R. 1]
T-5	COMMENCEMENT OF CONSTRUCTION ACTIVITIES means the initial disturbance of soils associated with clearing, grading, grubbing, or excavating activities or other construction-related activities. [11 Miss. Admin. Code Pt. 6, R. 1]
T-6	COMMISSION means the Mississippi Commission on Environmental Quality. [11 Miss. Admin. Code Pt. 6, R. 1]
T-7	COMPACTION means the process by which the soil grains are rearranged to decrease void space and bring the grains into closer contact with one another and thereby increase the weight of solid material per cubic foot. [11 Miss. Admin. Code Pt. 6, R. 1]
T-8	CONSTRUCTION ACTIVITY as used in this permit, includes construction activity as defined in 40 CFR part 122.26(b)(14)(x). This includes a disturbance to the land that results in the change in topography, existing soil cover (both vegetative and non-vegetative), or the existing topography that may result in accelerated storm water runoff, leading to soil erosion and movement of sediment into surface waters or drainage systems. Examples of construction activity may include clearing, grading, grubbing, filling and excavating. Construction activity does not include routine maintenance that is performed to maintain the original line and grade, hydraulic capacity, or original purpose of the site. [11 Miss. Admin. Code Pt. 6, R. 1]
T-9	CONTROL MEASURE as used in this permit, refers to any Best Management Practice or other method used to prevent or reduce the discharge of pollutants to waters of the United States. [11 Miss. Admin. Code Pt. 6, R. 1]

**ACT12 (continued):**

**Narrative Requirements:**

Condition No.	Condition
T-10	<p>DAILY DISCHARGE means the "discharge of a pollutant" measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the "daily discharge" is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurements, the "daily average" is calculated as the average measurement of the discharge of the pollutant over the day. [11 Miss. Admin. Code Pt. 6, R. 1]</p>
T-11	<p>DROUGHT-STRICKEN AREA means for the purposes of this permit an area in which the National Oceanic and Atmospheric Administration's U.S. Seasonal Drought Outlook indicates for the period during which the construction will occur that any of the following conditions are likely: (1) "Drought to persist or intensify"; (2) "Drought ongoing, some improvement"; (3) "Drought likely to improve, impacts ease"; or (4) "Drought development likely". See <a href="http://www.cpc.ncep.noaa.gov/products/expert_assessment/season_drought.gif">http://www.cpc.ncep.noaa.gov/products/expert_assessment/season_drought.gif</a>. [11 Miss. Admin. Code Pt. 6, R. 1]</p>
T-12	<p>EXECUTIVE DIRECTOR means the Executive Director of the Department of Environmental Quality. [11 Miss. Admin. Code Pt. 6, R. 1]</p>
T-13	<p>FACILITY or ACTIVITY means any NPDES "point source" or any other facility or activity (including land or appurtenances thereto) that is subject to regulation under the NPDES program. [11 Miss. Admin. Code Pt. 6, R. 1]</p>
T-14	<p>FINAL STABILIZATION means that either:</p> <ul style="list-style-type: none"> <li data-bbox="1097 149 1154 1881">(1) All soil disturbing activities at the site have been completed, and that a uniform perennial vegetative cover with a density of at least 70% for the area has been established or equivalent measures (i.e., concrete or asphalt paving, rip rap, etc.) have been employed; or</li> <li data-bbox="1185 485 1209 1881">(2) For individual lots part of a larger common plan of development or sale in residential or commercial developments, that either: <ul style="list-style-type: none"> <li data-bbox="1240 936 1265 1881">(A) The coverage recipient has completed final stabilization as specified in (1) above, or</li> <li data-bbox="1304 149 1393 1881">(B) The coverage recipient has established temporary stabilization before another property owner assumes operational control for the property AND the coverage recipient for the larger common plan of development has provided the appropriate Notice of Intent or Registration form, the appropriate Construction General Permit, and guidance documents to the new property owner and the new owner assumes control by completing the appropriate NOI or Registration Form.</li> </ul> </li> </ul>

In arid, semiarid, and drought-stricken areas where initiating vegetative stabilization measures immediately is infeasible, alternative stabilization measures must be employed if specified by the permitting authority. [11 Miss. Admin. Code Pt. 6, R. 1]

**ACT12 (continued):**

**Narrative Requirements:**

Condition No.	Condition
T-15	<p>INFEASIBLE means not technologically possible, or not economically practicable and achievable in light of best industry practices. [11 Miss. Admin. Code Pt. 6, R. 1]</p>
T-16	<p>LARGE CONSTRUCTION ACTIVITY includes clearing, grading, grubbing, and excavating resulting in a land disturbance that will disturb equal to or greater than five (5) acres of land or will disturb less than five (5) acres of total land area but is part of a larger common plan of development or sale that will ultimately disturb equal to or greater than five (5) acres. [11 Miss. Admin. Code Pt. 6, R. 1]</p>
T-17	<p>LARGER COMMON PLAN OF DEVELOPMENT OR SALE means a contiguous area where multiple separate and distinct construction activities are occurring under one plan. The plan in a common plan of development or sale is broadly defined as any announcement or piece of documentation (including a sign, public notice or hearing, sales pitch, advertisement, drawing, permit application, zoning request, computer design, etc.) or physical demarcation (including boundary signs, lot stakes, surveyor markings, etc.), indicating that construction activities may occur on a specific plot. [11 Miss. Admin. Code Pt. 6, R. 1]</p>
T-18	<p>LINEAR PROJECT includes the construction of roads, bridges, conduits, substructures, pipelines, sewer lines, towers, poles, cables, wires, connectors, switching, regulating and transforming equipment and associated ancillary facilities in a long, narrow area. [11 Miss. Admin. Code Pt. 6, R. 1]</p>
T-19	<p>MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) means a conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels, or storm drains): (i) Owned or operated by a State, city, town, borough, county, parish, district, association, or other public body (created by or pursuant to State law) having jurisdiction over disposal of sewage, industrial wastes, storm water, or other wastes, including special districts under State law such as a sewer district, flood control district or drainage district, or similar entity, or an Indian tribe or an authorized Indian tribal organization, or a designated and approved management agency under section 208 of the CWA that discharges to waters of the United States, (ii) Designed or used for collecting or conveying storm water, (iii) Which is not a combined sewer, and (iv) Which is not part of a Publicly Owned Treatment Works (POTW). [11 Miss. Admin. Code Pt. 6, R. 1]</p>
T-20	<p>NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) means the regulations under the Clean Water Act which prohibits discharge of pollutants into waters of the United States unless a special permit is issued. [11 Miss. Admin. Code Pt. 6, R. 1]</p>
T-21	<p>NOI is an acronym for "Notice of Intent" to be covered by this permit and is the mechanism used to apply for coverage under a general permit. [11 Miss. Admin. Code Pt. 6, R. 1]</p>
T-22	<p>NORMAL WORKING HOURS, for the purpose of this permit, means the hours that personnel are typically working at the project site (e.g., daylight hours, Monday through Friday, except recognized holidays). [11 Miss. Admin. Code Pt. 6, R. 1]</p>

**ACT12 (continued):**

**Narrative Requirements:**

Condition No.	Condition
T-23	<p>OWNER or OPERATOR for the purpose of this permit and in the context of storm water associated with construction activity, means any party associated with a construction project that meets either of the following two criteria:</p> <p>(1) The party has operational control over construction plans, specifications, and installation of BMPs including the ability to make modifications to those plans and specifications; or</p> <p>(2) The party has day to day operational control of those activities at a project which are necessary to ensure compliance with a storm water pollution prevention plan for the site or other permit conditions (e.g., they are authorized to direct workers at a site to carry out activities required by the SWPPP or comply with other permit conditions). This definition is provided to inform coverage recipients of MDEQ's interpretation of how the regulatory definitions of "owner or operator" and "facility or activity" are applied to discharges of storm water associated with construction activity. [11 Miss. Admin. Code Pt. 6, R. 1]</p>
T-24	<p>PERMIT BOARD means the Mississippi Environmental Quality Permit Board established pursuant to Miss. Code Ann. 49-17-28. [11 Miss. Admin. Code Pt. 6, R. 1]</p>
T-25	<p>POLLUTANT is defined at 40 CFR 122.2. A partial listing from this definition includes: dredged spoil, solid waste, sewage, garbage, sewage sludge, chemical wastes, biological materials, heat, wrecked or discarded equipment, rock, sand, sediment, silt, cellar dirt, and industrial or municipal waste. [11 Miss. Admin. Code Pt. 6, R. 1]</p>
T-26	<p>POLYMER FLOCCULANT, for the purpose of this permit, is a chemical that when added to storm water containing small suspended particles (e.g., fine silts and clays) causes the particles to stick together and fall out of suspension, reducing the overall turbidity of the storm water discharge. [11 Miss. Admin. Code Pt. 6, R. 1]</p>
T-27	<p>QUALIFIED PERSONNEL means a person knowledgeable in the principles and practice of erosion and sediment controls who possesses the skills to assess conditions at the construction site that could impact storm water quality and to assess the effectiveness of any sediment and erosion control measures selected to control the quality of storm water discharges from the construction activity. [11 Miss. Admin. Code Pt. 6, R. 1]</p>
T-28	<p>STATE LAW means The Mississippi Air and Water Pollution Control Law, specifically, Miss. Code Ann 49-17-1 through 49-17-43, and any subsequent amendments. [11 Miss. Admin. Code Pt. 6, R. 1]</p>
T-29	<p>STEEP SLOPES, as used in this permit, means slopes or grades steeper than (3:1). [11 Miss. Admin. Code Pt. 6, R. 1]</p>

**ACT12 (continued):**

**Narrative Requirements:**

Condition No.	Condition
T-30	STORM WATER means rainfall runoff, snowmelt runoff, and surface runoff. [11 Miss. Admin. Code Pt. 6, R. 1]
T-31	STORM WATER ASSOCIATED WITH CONSTRUCTION ACTIVITY as used in this permit, refers to a discharge of pollutants in storm water from areas where soil disturbing activities (e.g., clearing, grading, grubbing, or excavation), construction materials or equipment storage or maintenance (e.g., stock piles, borrow area, concrete truck chute wash down, fueling) are located. [11 Miss. Admin. Code Pt. 6, R. 1]
T-32	STORM WATER POLLUTION PREVENTION PLAN (SWPPP) means a plan that includes site map(s), an identification of construction/contractor activities that could cause pollutants in the storm water, and a description of measures or practices to control these pollutants. [11 Miss. Admin. Code Pt. 6, R. 1]
T-33	SUBMITTED means the document is postmarked on or before the applicable deadline, except as otherwise specified. [11 Miss. Admin. Code Pt. 6, R. 1]
T-34	SUCCESSFUL COMPLETION OF ALL PERMANENT EROSION AND SEDIMENT CONTROLS means when land disturbing construction activities have been completed and disturbed areas have been stabilized with no significant erosion occurring. [11 Miss. Admin. Code Pt. 6, R. 1]
T-35	TEMPORARY STABILIZATION means practices such as seeding, mulching and erosion control blankets or mats that are used to stabilize exposed areas in which construction activity has been temporarily suspended. [11 Miss. Admin. Code Pt. 6, R. 1]
T-36	TOPSOIL means the top layer of undisturbed soil, consisting of a high percentage of organic matter, which is conducive to plant growth. [11 Miss. Admin. Code Pt. 6, R. 1]
T-37	TOTAL MAXIMUM DAILY LOAD (TMDL) means the maximum daily amount of a pollutant that can enter a water body so that the water body will meet and continue to meet state water quality standards. [11 Miss. Admin. Code Pt. 6, R. 1]
T-38	TURBIDITY is an expression of the optical property that causes light to be scattered and absorbed rather than transmitted with no change in direction of flux level through the sample caused by suspended and colloidal matter such as clay, silt, finely divided organic and inorganic matter and plankton and other microscopic organisms. [11 Miss. Admin. Code Pt. 6, R. 1]
T-39	UPSET means an exceptional incident in which there is unintentional and temporary noncompliance with technology based permit effluent limitations because of factors beyond the reasonable control of the coverage recipient. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation. [11 Miss. Admin. Code Pt. 6, R. 1]

**ACT12 (continued):**

**Narrative Requirements:**

Condition No.	Condition
T-40	<p>WATERS OF THE STATE means all waters within the jurisdiction of this State, including all streams, lakes, ponds, wetlands, impounding reservoirs, marshes, watercourses, waterways, wells, springs, irrigation systems, drainage systems, and all other bodies or accumulations of water, surface and underground, natural or artificial, situated wholly or partly within or bordering upon the State, and such coastal waters as are within the jurisdiction of the State, except lakes, ponds, or other surface waters which are wholly landlocked and privately owned, and which are not regulated under the Federal Clean Water Act (33 U.S.C.1251 et seq.). [11 Miss. Admin. Code Pt. 6, R. 1]</p>
T-41	<p>11 Miss. Admin. Code Pt. 6, R. 1 means the State of Mississippi's Wastewater Regulations for National Pollutant Discharge Elimination System (NPDES) Permits, Underground Injection Control (UIC) Permits, State Permits, Water Quality Based Effluent Limitations and Water Quality Certifications. [11 Miss. Admin. Code Pt. 6, R. 1]</p>

## **Completed Large Construction Notice of Intent**



MISSISSIPPI DEPARTMENT OF  
ENVIRONMENTAL QUALITY

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

## INSTRUCTIONS

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

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

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

Submittals with this LCNOI must include:

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

Additional submittals may include the following, if applicable:

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

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



NEAREST NAMED RECEIVING STREAM: \_\_\_\_\_

IS RECEIVING STREAM ON MISSISSIPPI'S 303(d) LIST OF IMPAIRED WATER BODIES? (The 303(d) list of impaired waters and TMDL stream segments may be found on MDEQ's web site: [http://www.deq.state.ms.us/MDEQ.nsf/page/TWB\\_Total\\_Maximum\\_Daily\\_Load\\_Section](http://www.deq.state.ms.us/MDEQ.nsf/page/TWB_Total_Maximum_Daily_Load_Section)) YES  NO

HAS A TMDL BEEN ESTABLISHED FOR THE RECEIVING STREAM SEGMENT? YES  NO

ARE THERE RECREATIONAL STREAMS, PRIVATE/PUBLIC PONDS OR LAKES WITHIN ½ MILE DOWNSTREAM OF PROJECT BOUNDARY THAT MAY BE IMPACTED BY THE CONSTRUCTION ACTIVITY? YES  NO

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

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

IF YES, INDICATE THE TYPE OF FLOCCULANT.  ANIONIC POLYACRYLAMIDE (PAM)  
 OTHER \_\_\_\_\_

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

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

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

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

INDICATE ANY LOCAL STORM WATER ORDINANCE WITH WHICH THE PROJECT MUST COMPLY:

\_\_\_\_\_  
\_\_\_\_\_

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

\_\_\_\_\_  
Signature of Applicant<sup>1</sup> (owner or prime contractor)

\_\_\_\_\_  
Date Signed

\_\_\_\_\_  
Printed Name<sup>1</sup>

\_\_\_\_\_  
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**

# SUBDRAINAGE

## PART 1 - GENERAL

### 1.1 SUMMARY

#### A. Section Includes:

1. perimeter drainage system.
2. Filter aggregate and fabric.

#### B. Related Sections:

1. Section 31 23 17 - Trenching

### 1.2 REFERENCES

#### A. ASTM International:

1. ASTM C412 - Standard Specification for Concrete Drain Tile.
2. ASTM D2729 - Standard Specification for Poly (Vinyl Chloride) (PVC) Sewer Pipe and Fittings.

### 1.3 SUBMITTALS

#### A. Section 01 33 00 - Submittal Procedures: Requirements for submittals.

#### B. Shop Drawings: Indicate dimensions, layout of piping, high and low points of pipe inverts, gradient of slope between corners and intersections.

#### C. Product Data: Submit data on pipe drainage products, pipe accessories, filter fabric, and filter material.

#### D. Manufacturer's Certificate: Certify Products meet or exceed specified requirements.

### 1.4 CLOSEOUT SUBMITTALS

#### A. Section 01 70 00 - Execution and Closeout Requirements: Requirements for submittals.

#### B. Project Record Documents: Record location of pipe runs, connections, cleanouts and principal invert elevations.

#### C. Operation and Maintenance Data: Procedures for submittals.

### 1.5 QUALITY ASSURANCE

#### A. Perform Work in accordance with the State of Mississippi Highways standards.

#### B. Maintain one copy of each document on site.

## **PART 2 - PRODUCTS**

### **2.1 PIPE MATERIALS**

- A. Furnish materials in accordance with the State of Mississippi Highways standards
- B. Polyvinyl Chloride Pipe: ASTM D2729; plain end, 14 inch inside diameter; with required fittings.
- C. Use perforated pipe at subdrainage system.

### **2.2 AGGREGATE AND BEDDING**

- A. Filter Aggregate Materials: Type A as specified in section S-704.02 of the Mississippi Standard Specifications for State Aid Road and Bridge Construction, 2004 Edition.

### **2.3 ACCESSORIES**

- A. Filter Fabric: Shall be Type III as specified in section S-714.13.3 of the Mississippi Standard Specifications for State Aid Road and Bridge Construction, 2004 Edition.

## **PART 3 - EXECUTION**

### **3.1 EXAMINATION**

- A. Section 01 30 00 - Administrative Requirements: Verification of existing conditions before starting work.
- B. Verify trench cut and excavated base is ready to receive work and excavations, dimensions, and elevations are as indicated on Drawings.

### **3.2 PREPARATION**

- A. Hand trim excavations to required elevations. Correct over excavation with Type A1 aggregate.
- B. Remove large stones or other hard matter which could damage drainage piping or impede consistent backfilling or compaction.

### **3.3 INSTALLATION**

- A. Place drainage pipe on compacted impervious fill.
- B. Lay pipe to slope gradients noted on Drawings.
- C. Mechanically join pipe ends.
- D. Install pipe couplings.
- E. Install aggregate at sides, over joint covers and top of pipe.
- F. Place filter fabric over leveled top surface of aggregate cover prior to subsequent backfilling operations.
- G. Place aggregate in maximum 4 inch lifts, consolidating each lift.

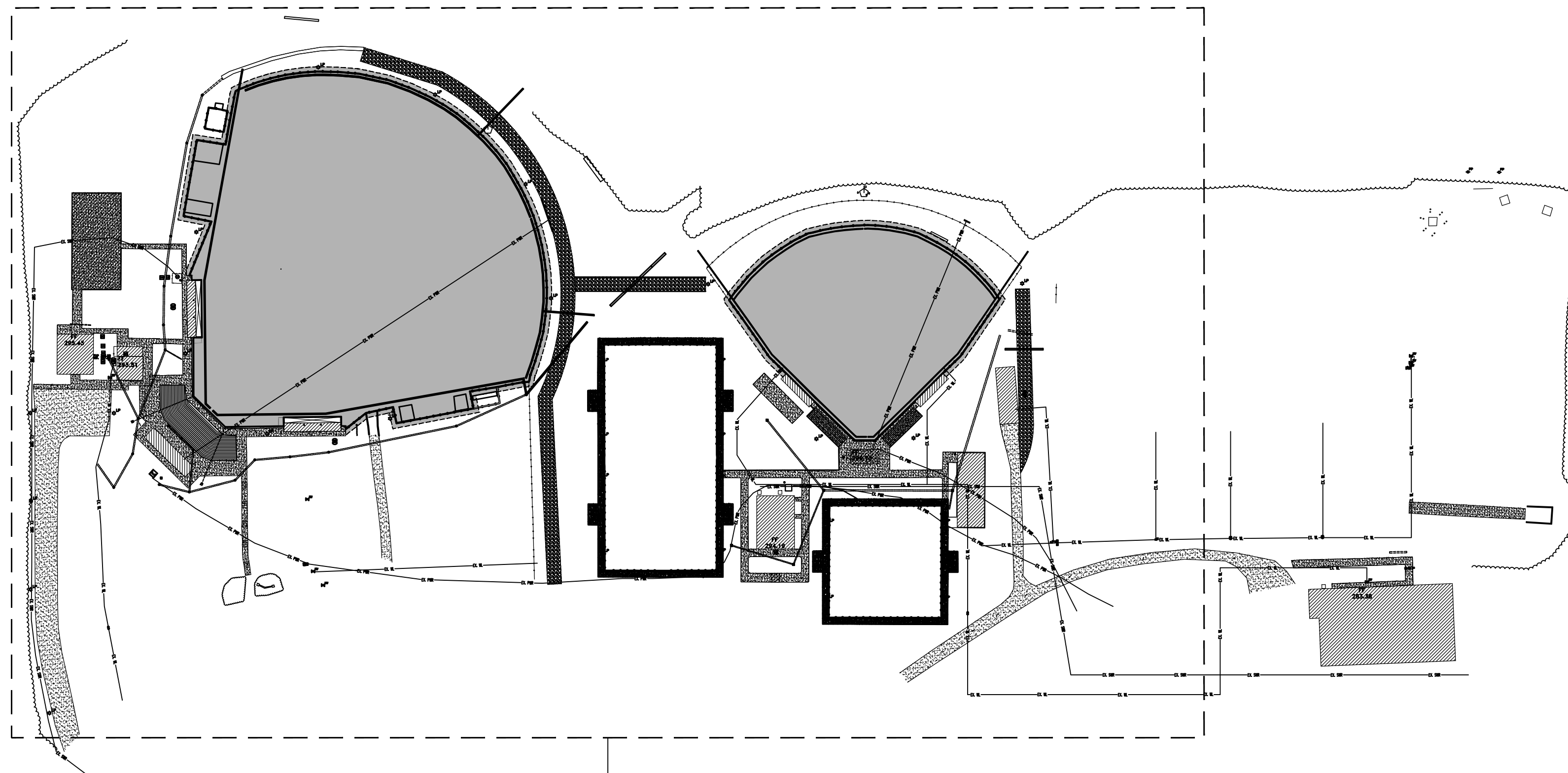
**3.4 FIELD QUALITY CONTROL**

- A. Section 01 70 00 - Execution and Closeout Requirements: Field inspecting, testing, adjusting, and balancing.
- B. Request inspection prior to and immediately after placing aggregate cover over pipe.

**3.5 PROTECTION OF INSTALLED CONSTRUCTION**

- A. Section 01 70 00 - Execution and Closeout Requirements: Protecting installed construction.
- B. Protect pipe and aggregate cover from damage or displacement until backfilling operation begins.

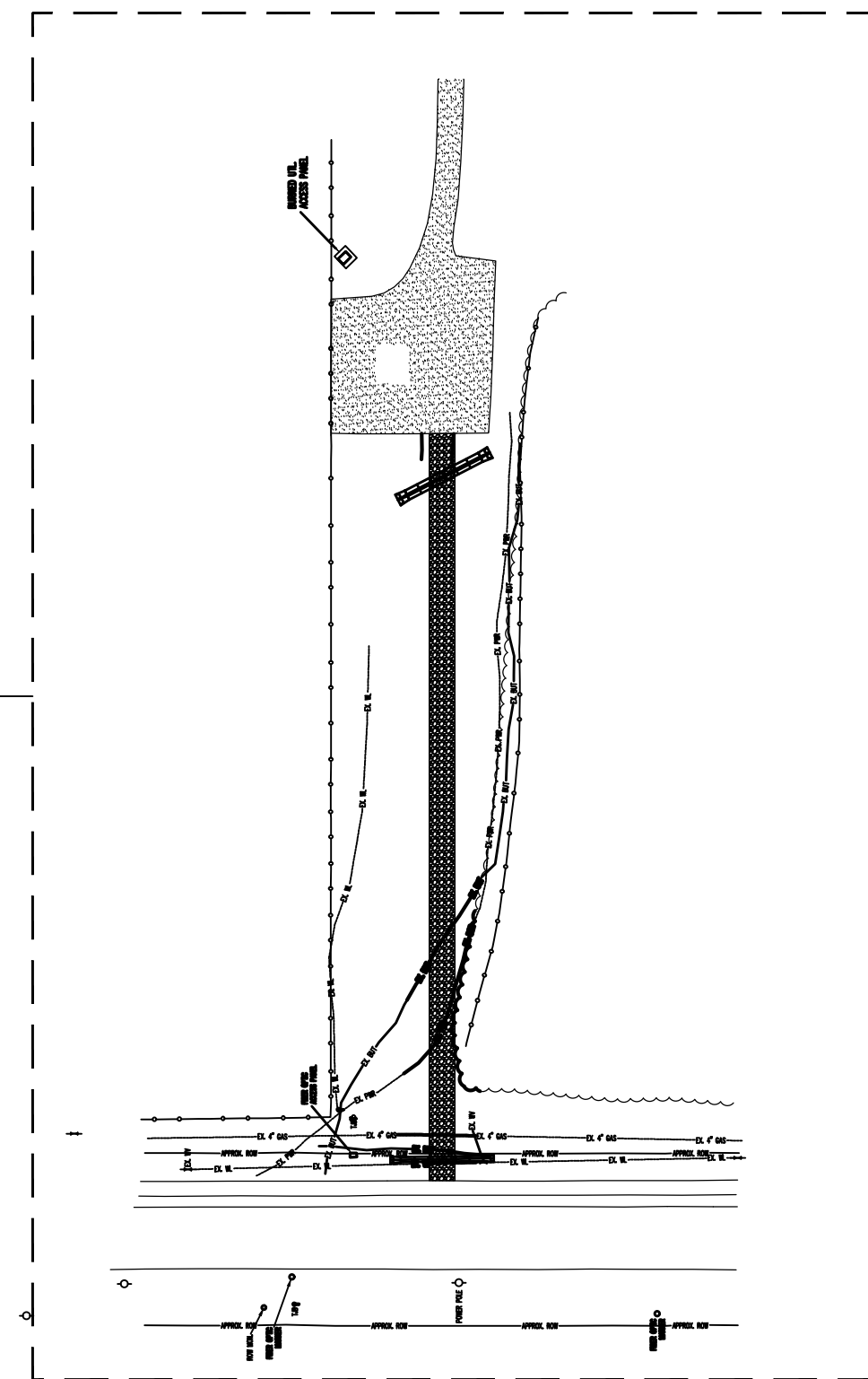
**END OF SECTION**



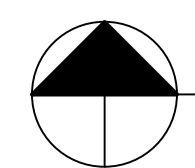
ENLARGEMENT - 1  
C201

**NOTES:**

1. THE CONTRACTOR IS REQUIRED TO NOTIFY MISSISSIPPI ONE CALL PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR NOTIFYING ALL UTILITY COMPANIES AT A MINIMUM OF 48 HOURS PRIOR TO COMMENCING WORK IN THE PROJECT AREA AND TO COORDINATE HIS WORK WITH THE INVOLVED UTILITIES.
2. ALL EXISTING UTILITY LOCATIONS SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE DEPTH AND LOCATION OF ALL EXISTING UTILITIES AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES OR CONFLICTS PRIOR TO BEGINNING CONSTRUCTION. ALL NECESSARY FIELD REVISIONS ARE SUBJECT TO REVIEW AND APPROVAL BY THE ENGINEER PRIOR TO CONSTRUCTION.
3. THE CONTRACTOR SHALL BEAR FULL RESPONSIBILITY FOR THE PROTECTION OF ALL PRIVATE AND PUBLIC UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE UTILITY OWNER BY THE CONTRACTOR. IT IS ALSO THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE HIS WORK WITH ALL LOCAL UTILITY COMPANIES.
4. THE CONTRACTOR SHALL ALSO USE CARE IN WORKING NEAR ANY AND ALL EXISTING ITEMS WHICH ARE NOT TO BE REMOVED. ANY DAMAGE DONE TO THESE EXISTING ITEMS BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
5. ALL REMAINING GRASSED AREAS THAT ARE DISTURBED SHALL BE GRASSED PER THE DIRECTIONS OF THE FOLLOWING SPECIFICATIONS: 31.5000 (SWPPP MAINTENANCE), 32.9219 (SEEDING), 32.9220 (VEGETATIVE MATERIALS FOR MULCH), AND 32.9223 (SODDING).



ENLARGEMENT - 2  
C202



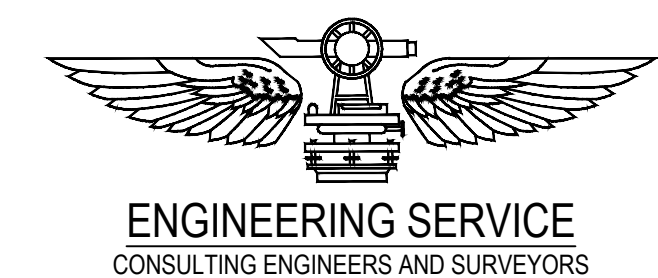
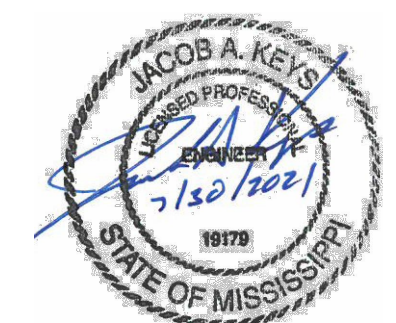
OVERALL SITE PERSPECTIVE



7/30/2021

**CONSTRUCTION  
DOCUMENTS**  
WBA # 21-038

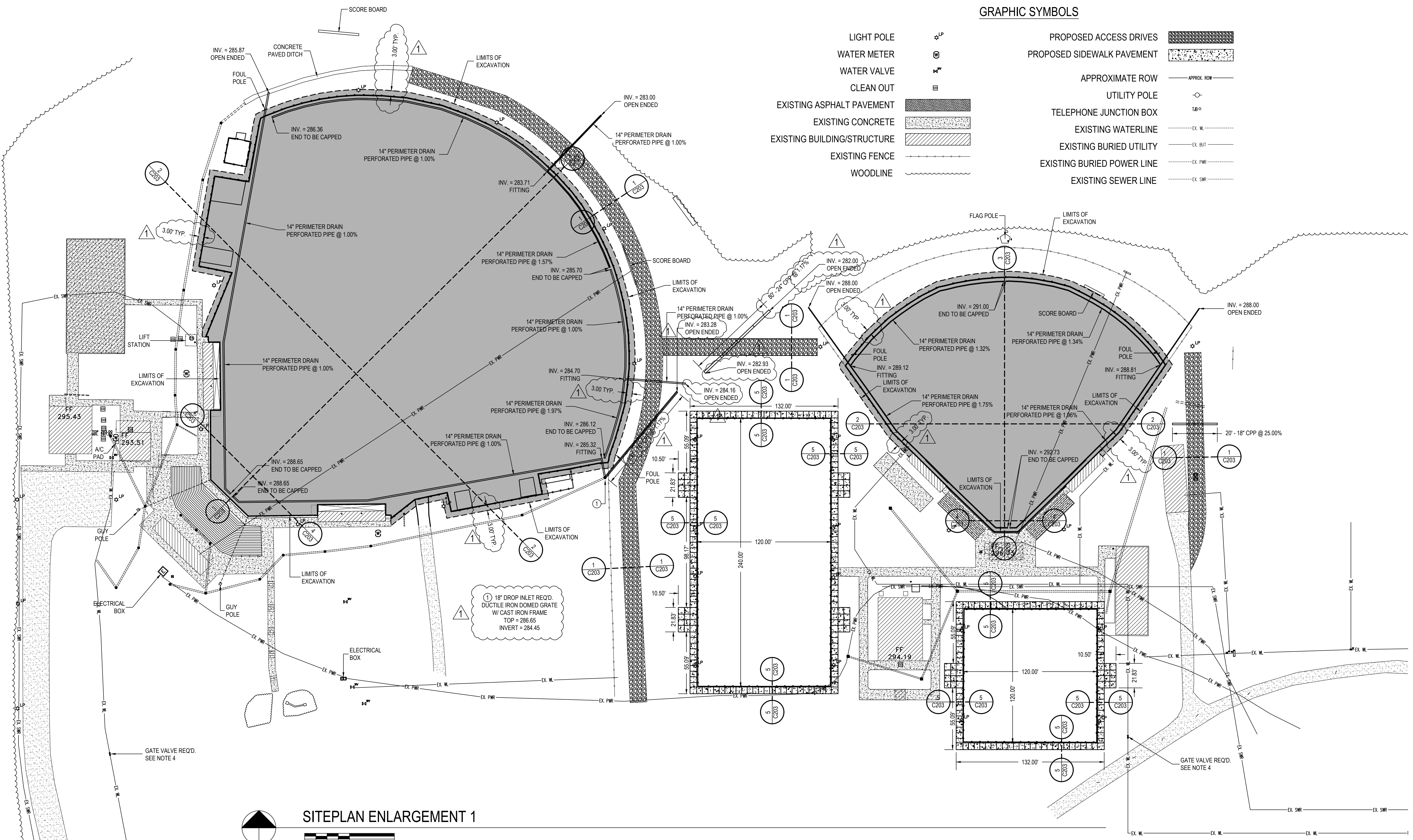
REVISIONS		
NO.	DESCRIPTION	DATE
1	'GRASSING'	7/30/2021



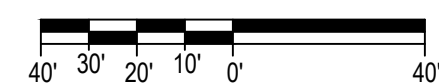
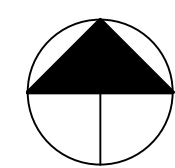
**C200**  
SITE PLAN  
OVERALL  
PERSPECTIVE

**GRAPHIC SYMBOLS**

LIGHT POLE		PROPOSED ACCESS DRIVES	
WATER METER		PROPOSED SIDEWALK PAVEMENT	
WATER VALVE		APPROXIMATE ROW	
CLEAN OUT		UTILITY POLE	
EXISTING ASPHALT PAVEMENT		TELEPHONE JUNCTION BOX	
EXISTING CONCRETE		EXISTING WATERLINE	
EXISTING BUILDING/STRUCTURE		EXISTING BURIED UTILITY	
EXISTING FENCE		EXISTING BURIED POWER LINE	
WOODLINE		EXISTING SEWER LINE	



**SITEPLAN ENLARGEMENT 1**



**NOTES:**

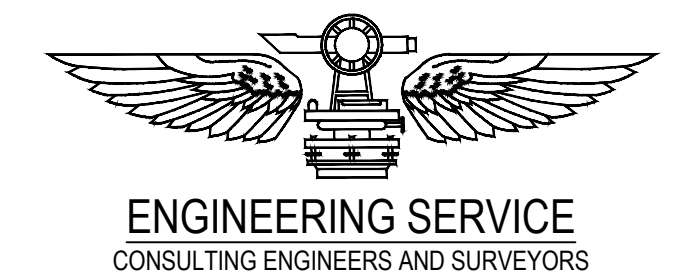
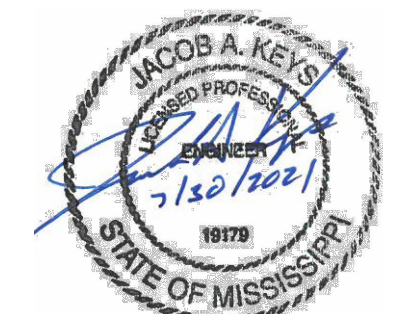
- FOR TENNIS COURT DESIGN, REFER TO THE STRUCTURAL DRAWINGS AND SPECIFICATIONS.
- FOR REMOVAL, RELOCATION, AND RE INSTALLATION OF ELECTRICAL FACILITIES, REFER TO THE ELECTRICAL DRAWINGS AND SPECIFICATIONS.
- FOR INSTALLATION OF GATE VALVES, COORDINATE WITH OWNER TO DETERMINE ACCEPTABLE TIME FOR WATER SERVICE DISRUPTION.
- GATE VALVE REQ'D. CONTRACTOR SHALL LOCATE THE LINE AND ENGINEER WILL FIELD LOCATE THE ACTUAL LOCATION OF THE GATE VALVE.

7/30/2021

**CONSTRUCTION DOCUMENTS**  
WBA # 21-038

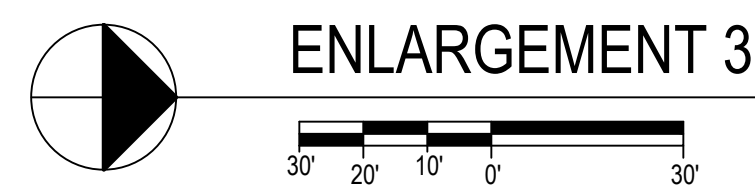
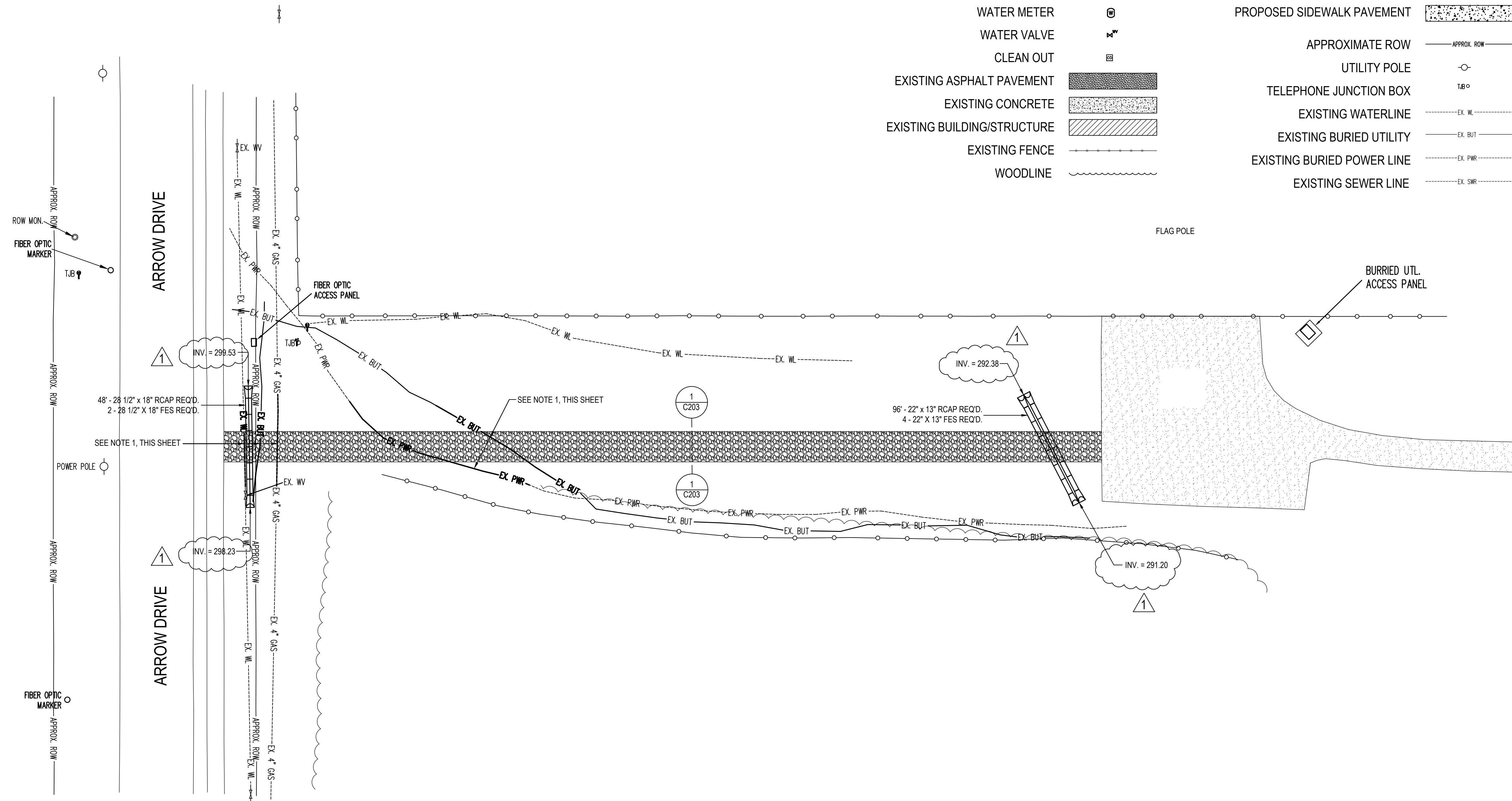
**REVISIONS**

NO.	DESCRIPTION	DATE
1	various changes	7/30/2021



**GRAPHIC SYMBOLS**

LIGHT POLE		PROPOSED ACCESS DRIVES	
WATER METER		PROPOSED SIDEWALK PAVEMENT	
WATER VALVE		APPROXIMATE ROW	
CLEAN OUT		UTILITY POLE	
EXISTING ASPHALT PAVEMENT		TELEPHONE JUNCTION BOX	
EXISTING CONCRETE		EXISTING WATERLINE	
EXISTING BUILDING/STRUCTURE		EXISTING BURIED UTILITY	
EXISTING FENCE		EXISTING BURIED POWER LINE	
WOODLINE		EXISTING SEWER LINE	



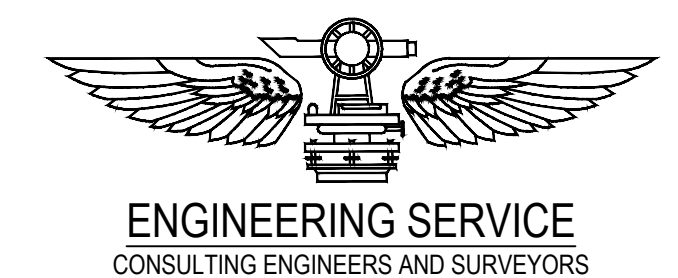
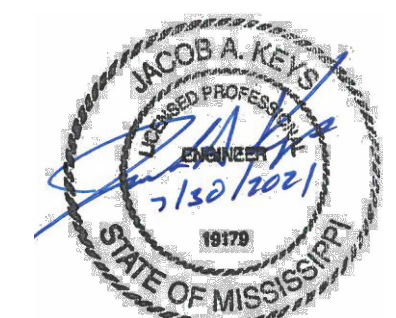
**NOTES:**

1. UTILITIES UNDERNEATH THE PROPOSED FOOTPRINT OF CONSTRUCTION ARE TO BE POTHOLED BEFORE ANY EXCAVATION TAKES PLACE. THESE LINES ARE TO BE PROTECTED DURING CONSTRUCTION.

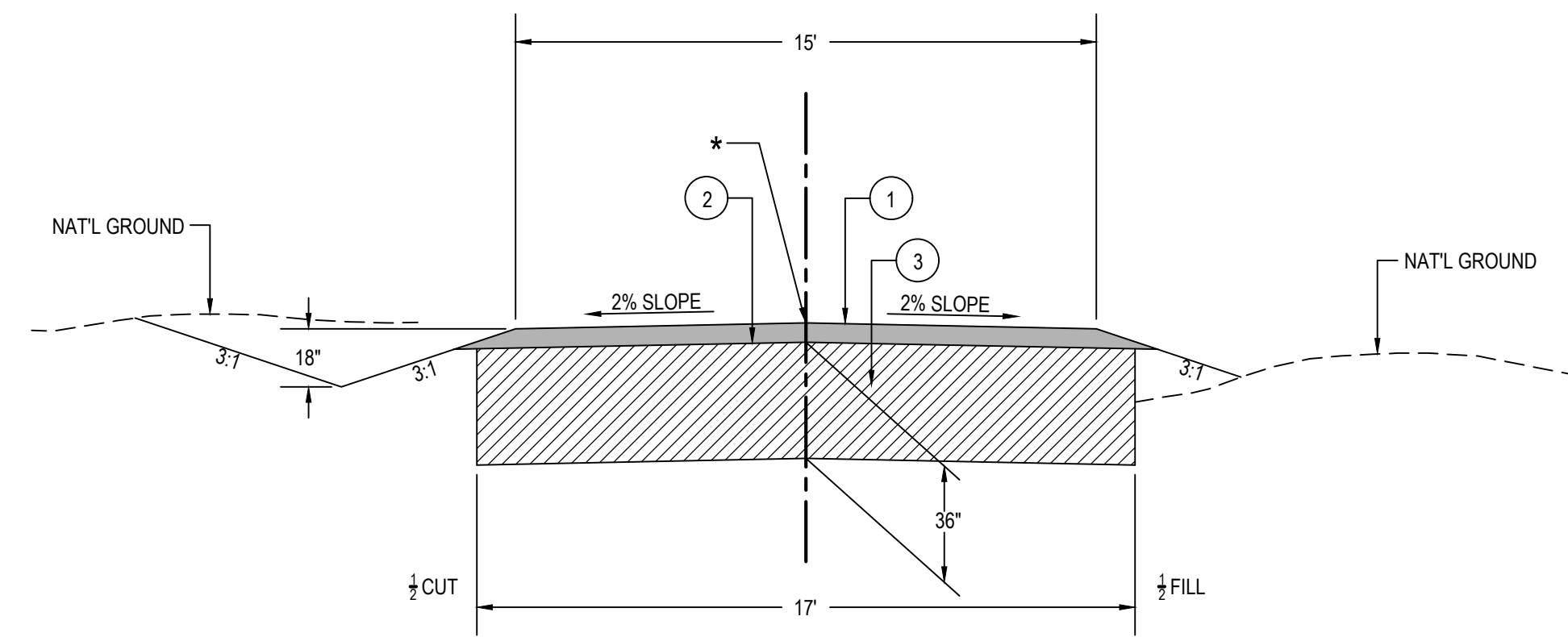
7/30/2021

**CONSTRUCTION  
DOCUMENTS**  
WBA # 21-038

REVISIONS		
NO.	DESCRIPTION	DATE
1	Inverts	7/30/2021



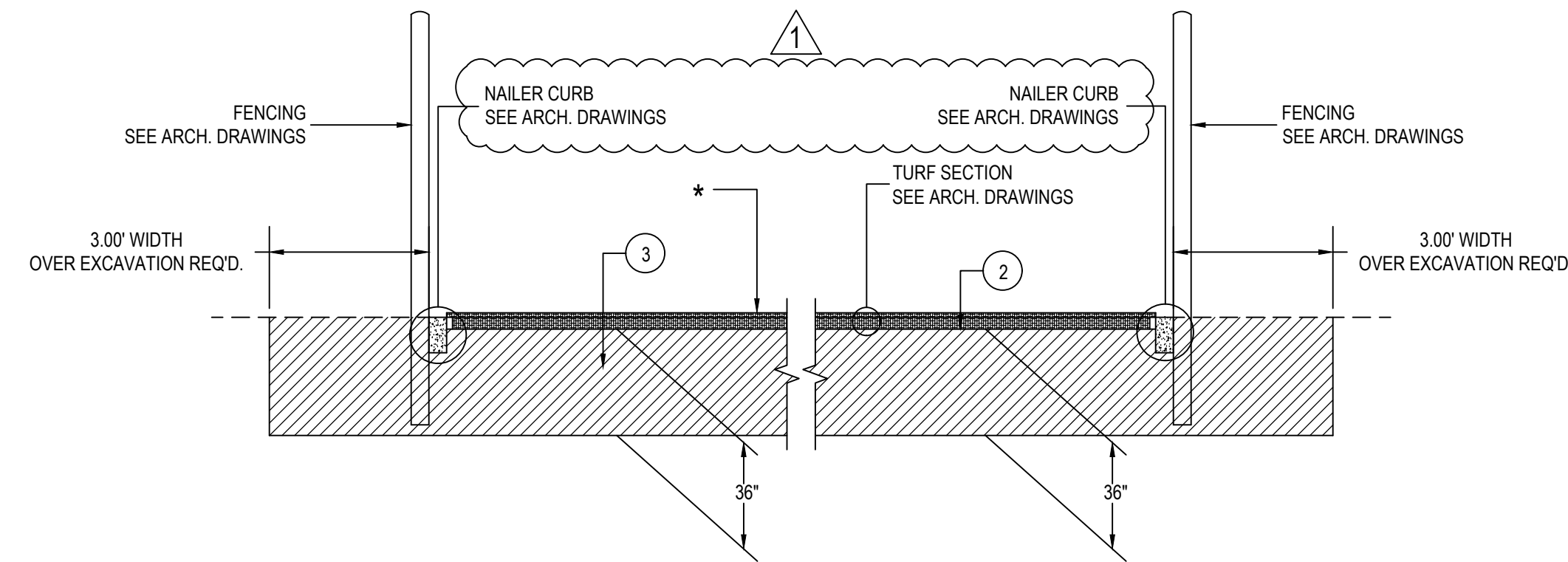
**C202**  
SITE PLAN  
ENLARGEMENT 2



**1 ACCESS ROAD TYPICAL SECTION**

N.T.S.

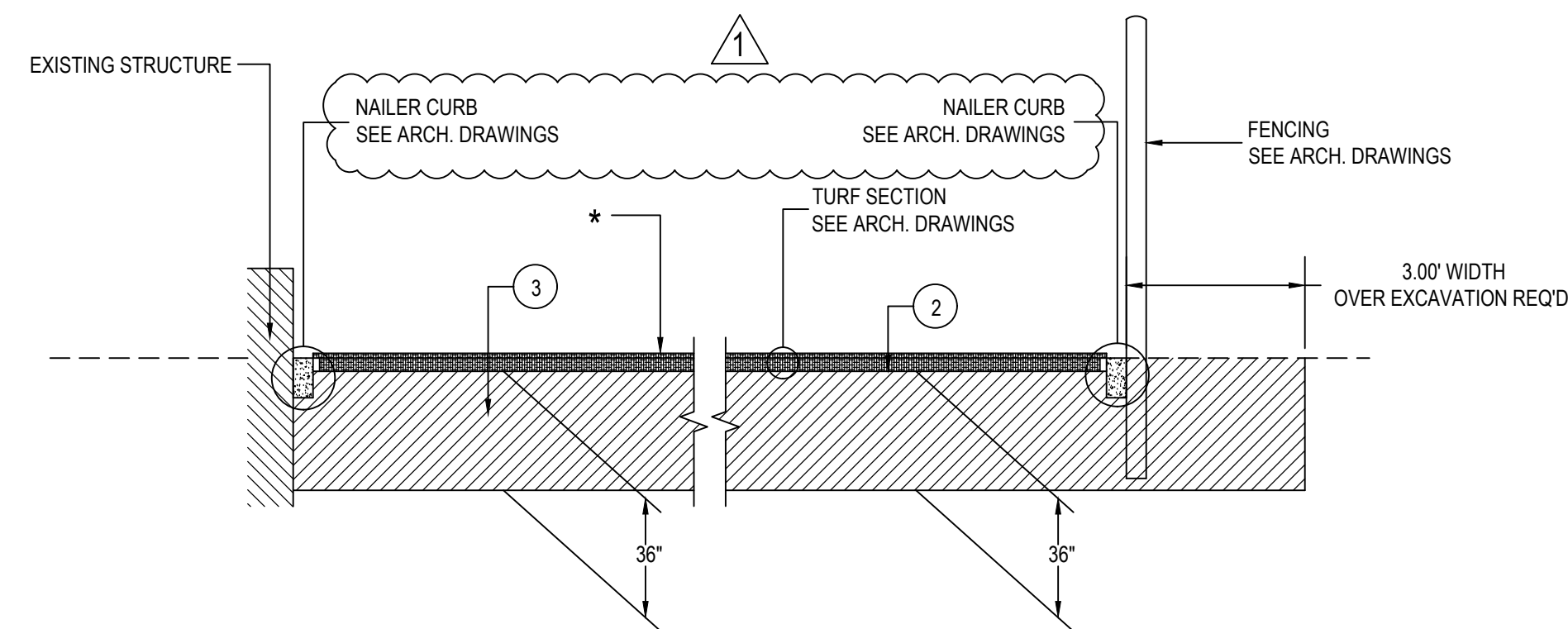
\* See sheets C401 and C402 for elevations



**2 SOFTBALL/BASEBALL TYPICAL SECTION**

N.T.S.

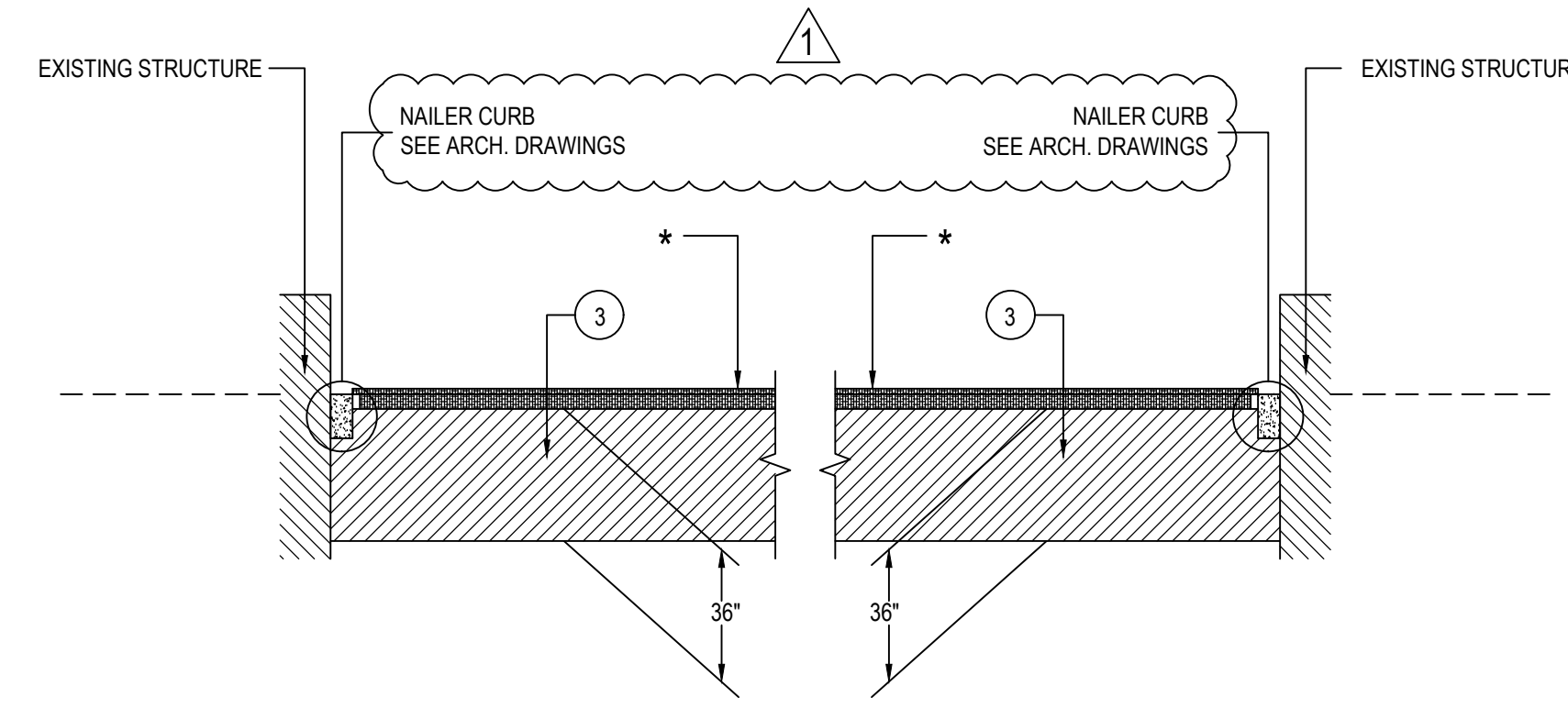
\* See Sheets C401 and C402 for elevations



**3 SOFTBALL/BASEBALL TYPICAL SECTION**

N.T.S.

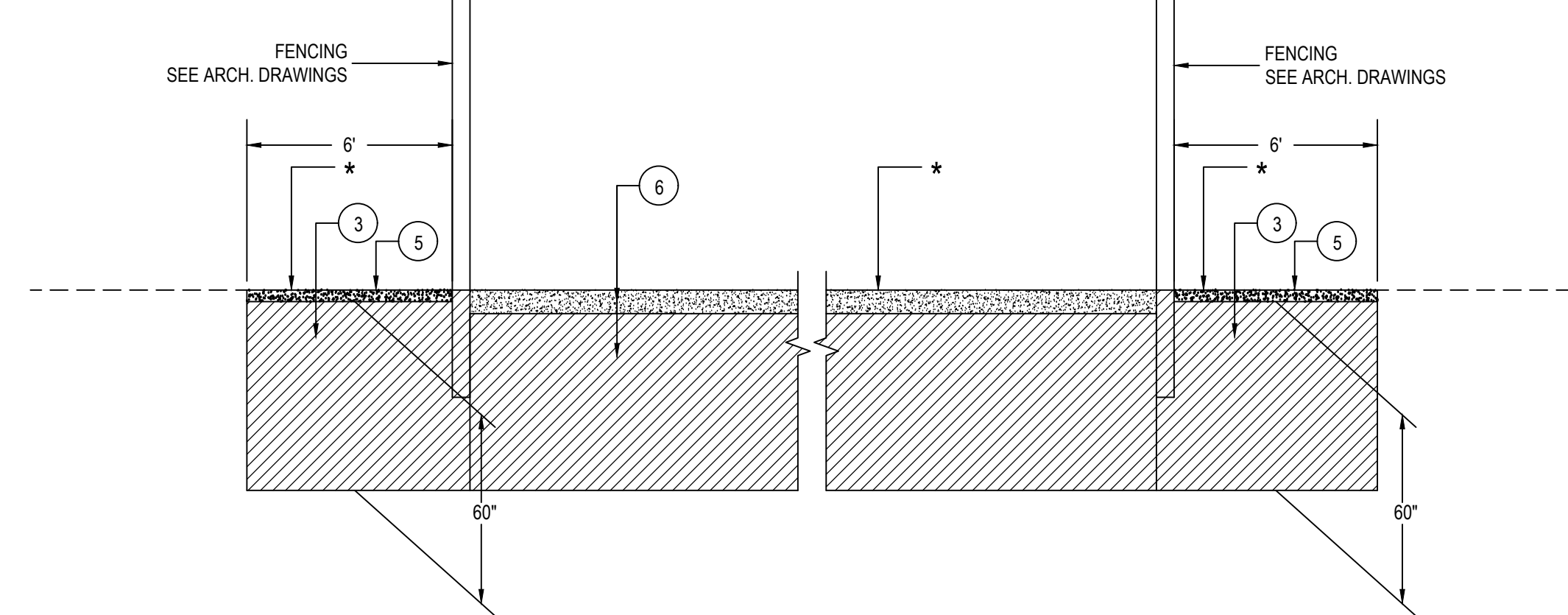
\* See Sheets C401 and C402 for elevations



**4 SOFTBALL/BASEBALL TYPICAL SECTION**

N.T.S.

\* See Sheets C401 and C402 for elevations



**5 SIDEWALK - TYPICAL SECTION**

N.T.S.

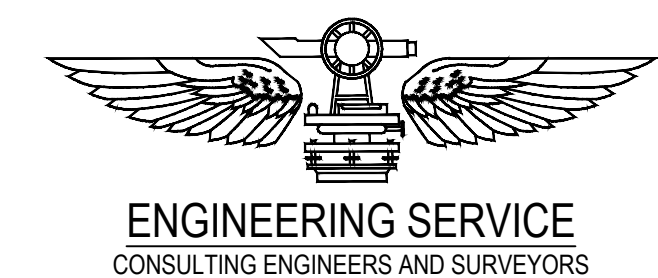
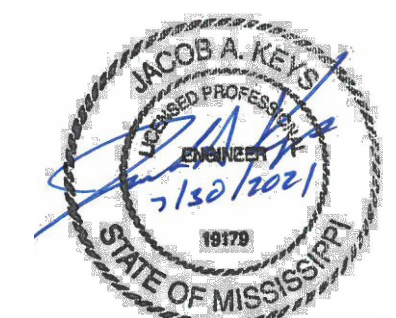
\* See Sheets C401 and C402 for elevations  
\* See Sheet C204 for additional sidewalk details

- ① 6" LIFT - GRANULAR MATERIAL (610 LIMESTONE) - PER THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2004 EDITION
- ② SOIL-LIME-WATER MIXING REQ'D. AT SUBGRADE. 5% BY WEIGHT OF SOIL @ 12" DEEP.
- ③ SELECT FILL MATERIAL (LIQUID LIMIT LESS THAN 45 AND PLASTICITY INDEX WITHIN THE RANGE OF 10 TO 24) - PER THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2004 EDITION
- ④ GEO TEXTILE FABRIC REQ'D.
- ⑤ 4" CONCRETE SIDEWALK REQ'D.
- ⑥ REFER TO STRUCTURAL ENGINEER DRAWINGS

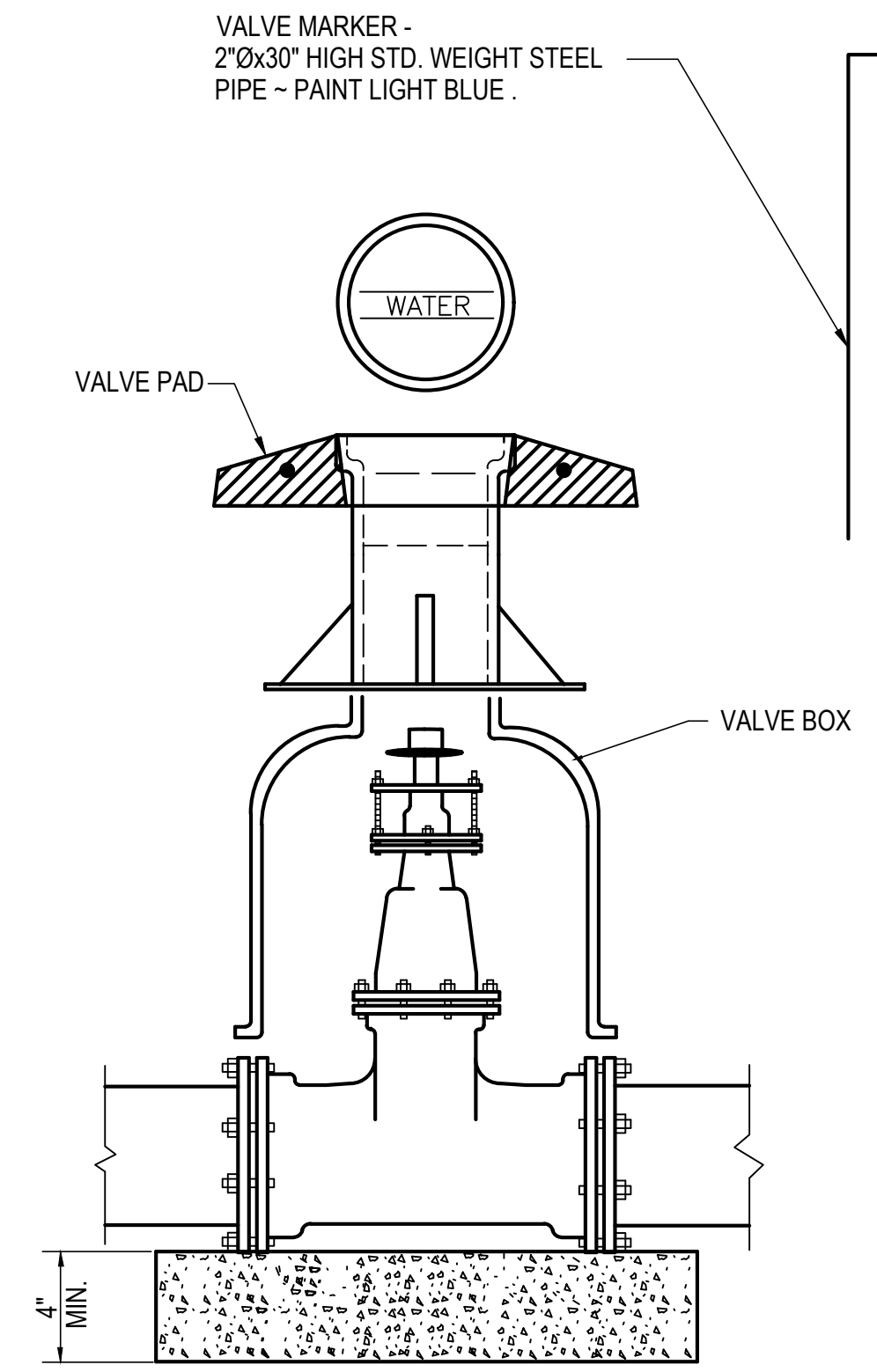
7/30/2021

**CONSTRUCTION  
DOCUMENTS**  
WBA # 21-038

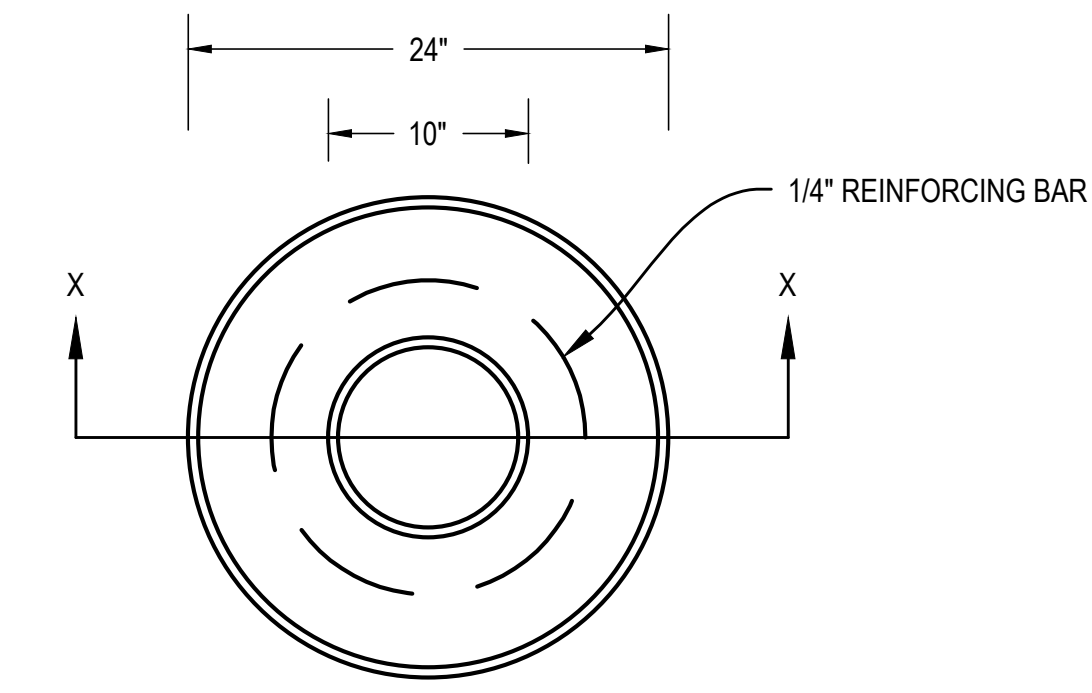
REVISIONS		
NO.	DESCRIPTION	DATE
1	"noted"	7/30/2021



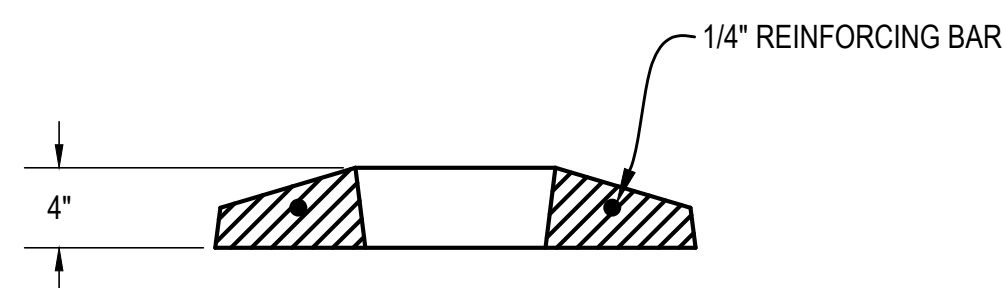
**C203**  
SITE PLAN  
DETAILS



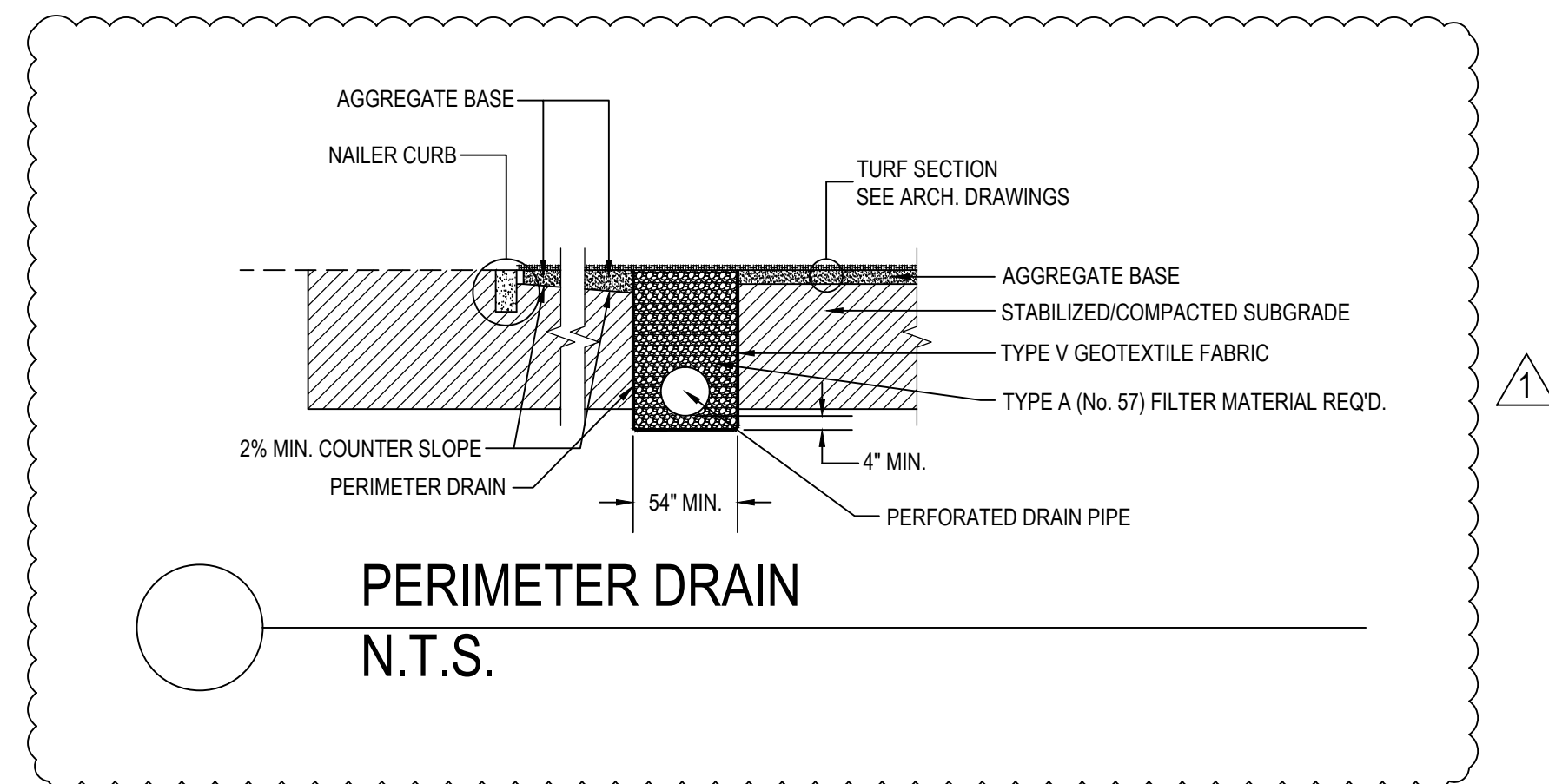
**GATE VALVE**  
N.T.S.



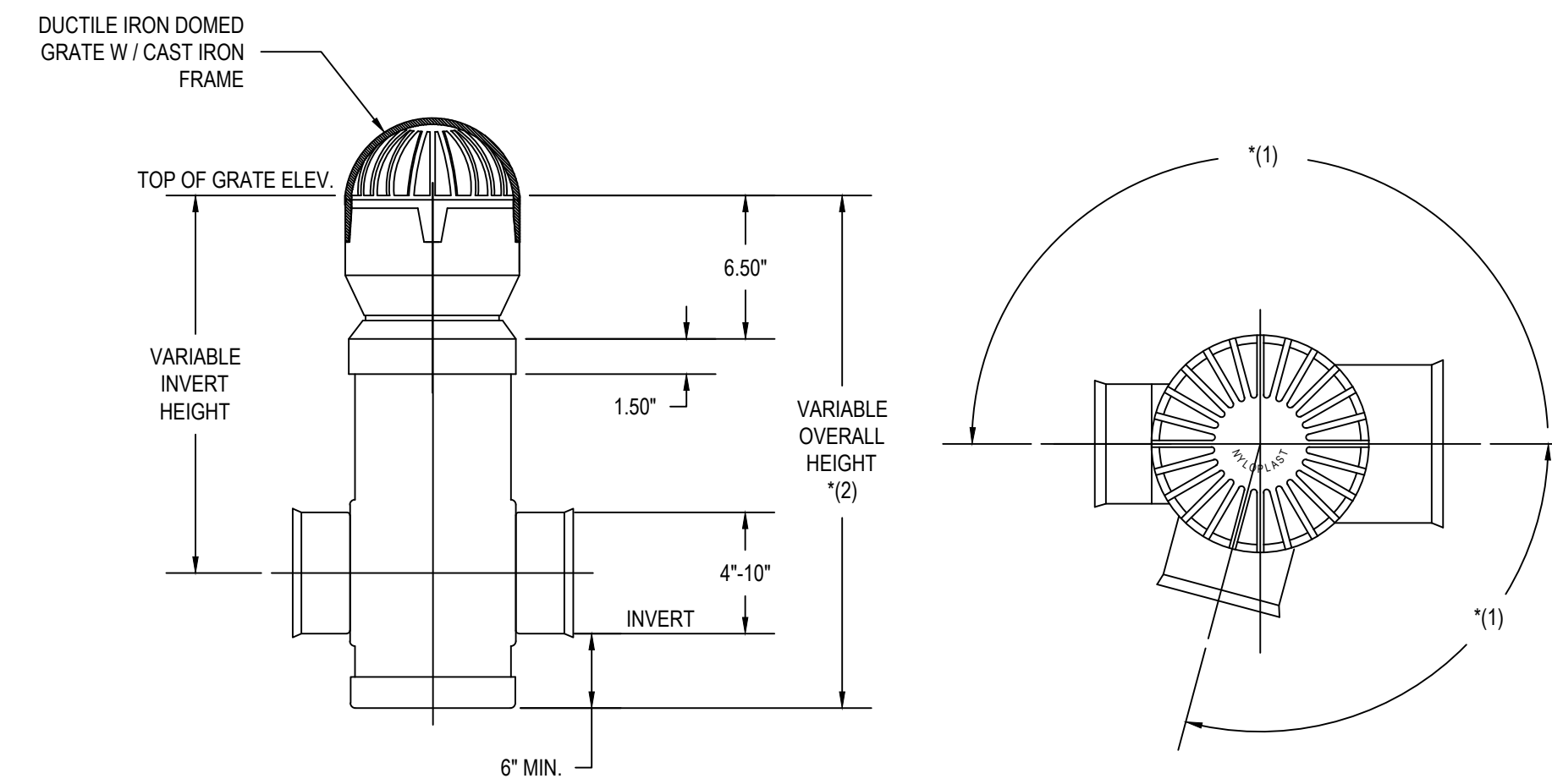
**VALVE PAD**  
N.T.S.



**SECTION XX**  
SCALE: NONE  
**SECTION XX**  
N.T.S.



**PERIMETER DRAIN**  
N.T.S.



**10" - 24" CUSTOM DRAIN INLET**  
N.T.S.

**Notes:**

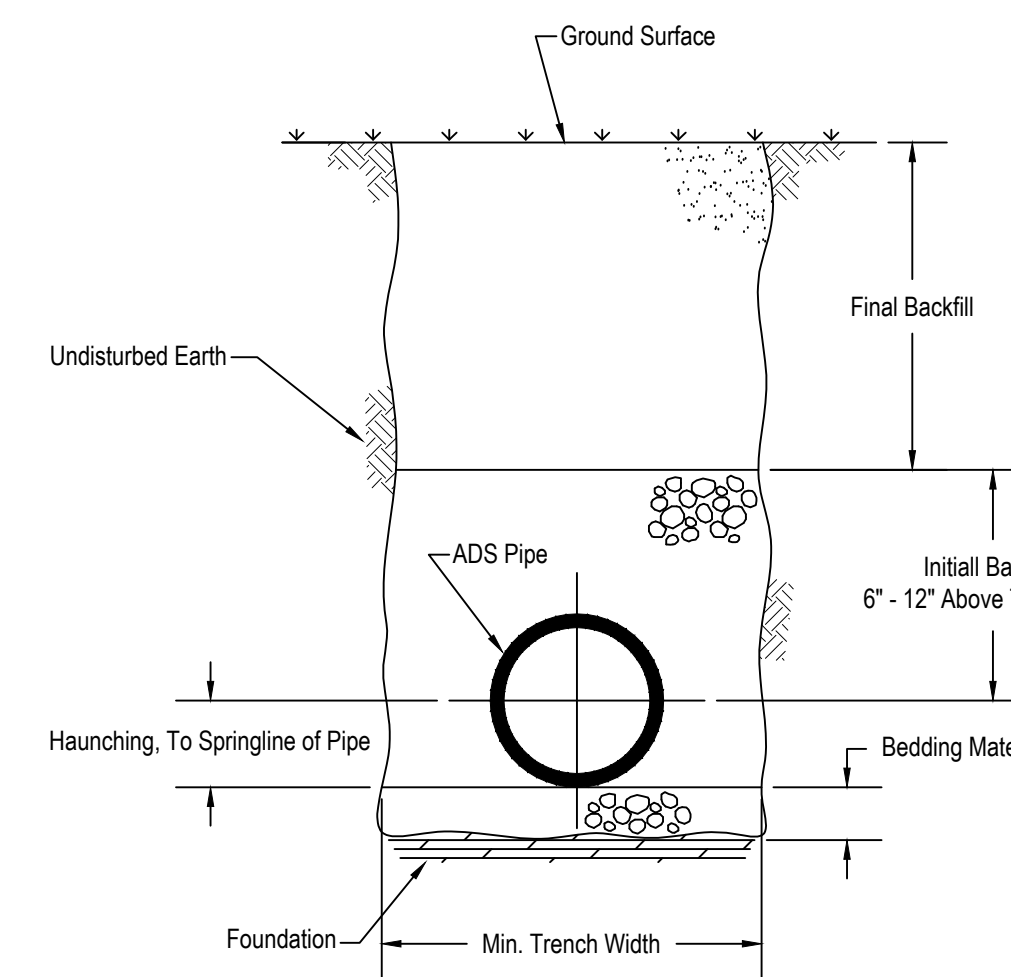
- Foundation:** Where the trench bottom is unstable, the contractor shall excavate to a depth required by the engineer and replace with a foundation of class I material as defined in ASTM D2321, "Standard Practice For Installation of Thermoplastic Pipe For Sewers and Other Gravity-Flow Applications," latest edition; as an alternative and at the discretion of the engineer, the trench bottom may be stabilized using a woven geotextile fabric.
- Bedding:** Suitable material shall be class I and installed as required in ASTM D2321, latest edition. Unless otherwise specified by the engineer, minimum bedding thickness shall be 4" for 4" - 24" corrugated polyethylene pipe (CPEP); 12" (150mm) for 30" HP.
- Haunching and Initial Backfill:** Suitable material shall be class I and installed as required in ASTM D2321, latest edition.
- Unless otherwise specified by the engineer, minimum trench widths shall be as follows:

NOMINAL $\phi$ IN	MIN. TRENCH RECOMMENDED TRENCH WIDTH, IN
4	21
6	23
8	25
10	28
12	31
15	34
18	39
24	48
30	66
36	78
42	83
48	89
60	102

- Minimum Cover:** Minimum recommended depths of cover for various live loading conditions are summarized in the following table. Unless otherwise noted, all dimensions are taken from the top of pipe to the ground surface.

SURFACE LIVE LOADING CONDITION	MINIMUM RECOMMENDED COVER, IN
25 (Flexible Pavement)	12, 24, 60" Pipe*
25 (Rigid Pavement)	12, 24, 60" Pipe*
80 Railway	24
Heavy Construction	48

\*Top of pipe to bottom of bituminous pavement section



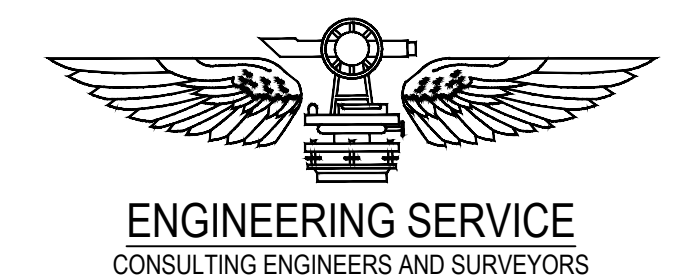
**TYPICAL TRENCH CROSS SECTION**  
N.T.S.

7/30/2021

**CONSTRUCTION DOCUMENTS**  
WBA # 21-038

REVISIONS

NO.	DESCRIPTION	DATE
1	added detail	7/30/2021

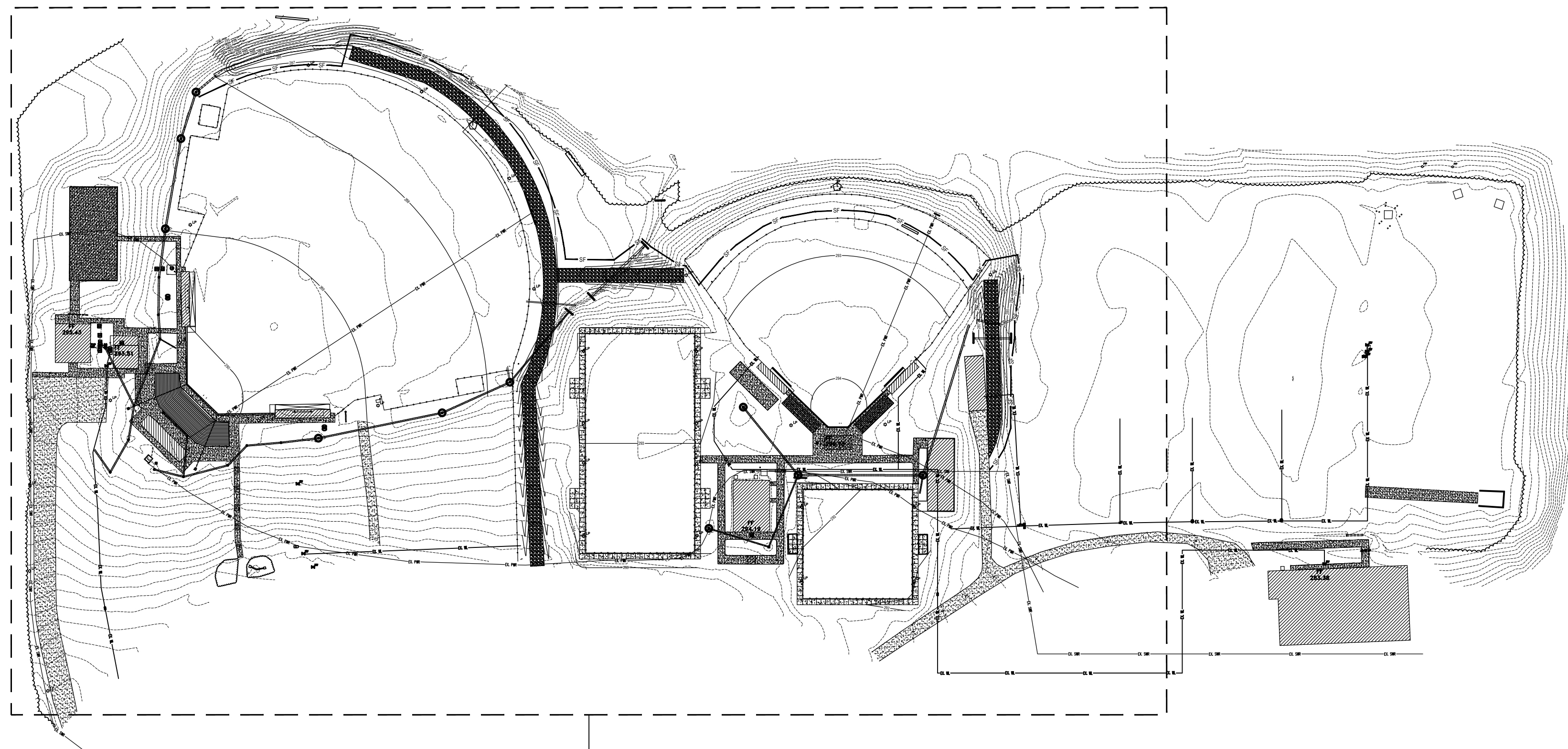


**C205**  
SITE PLAN  
DETAILS

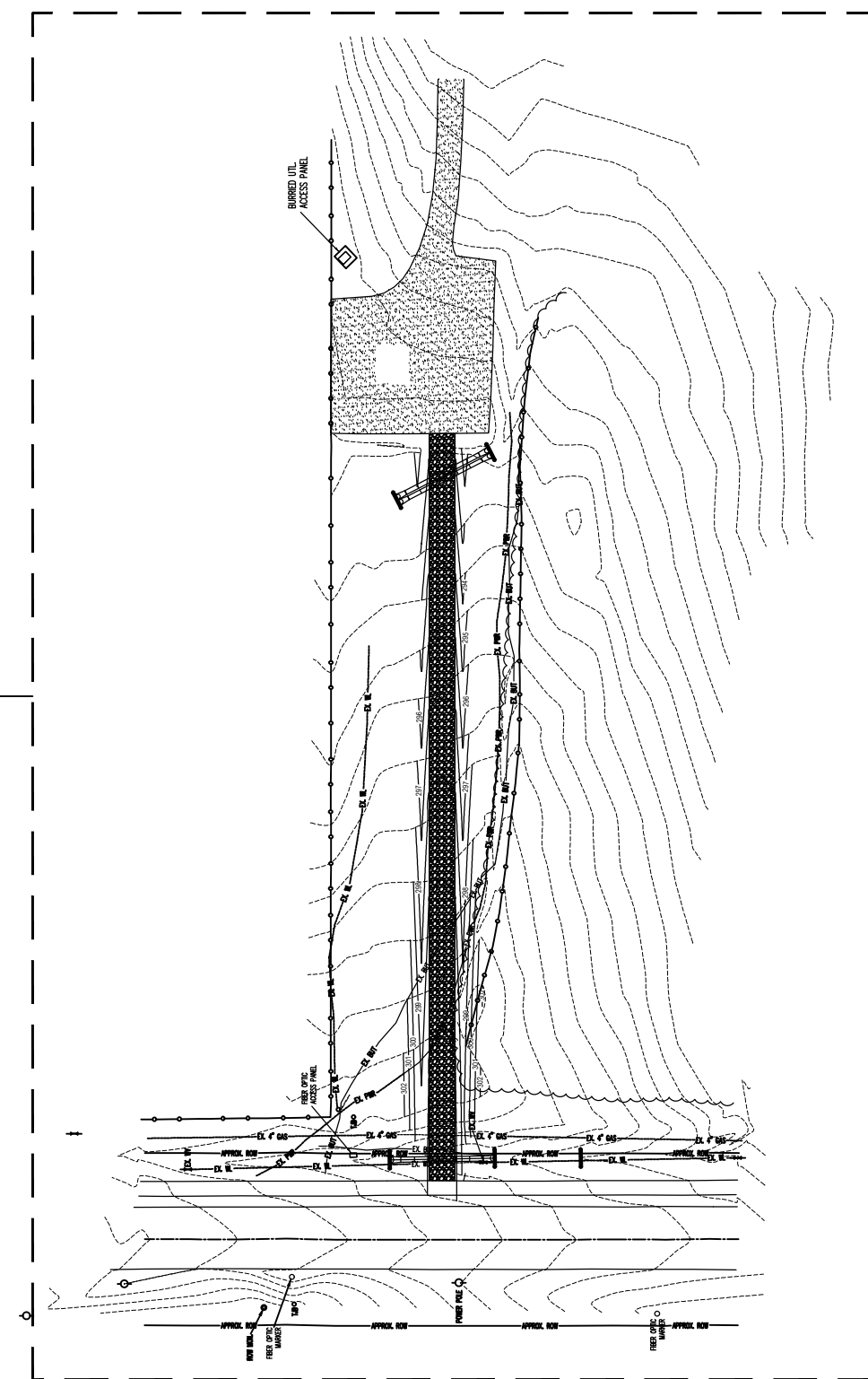


**CHS ATHLETIC  
FIELD  
IMPROVEMENTS**

**CLINTON PUBLIC  
SCHOOLS**  
401 ARROW DR.  
CLINTON, MS 39056



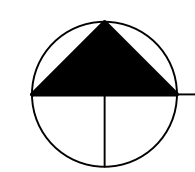
ENLARGEMENT - 1  
C301



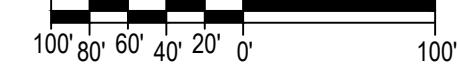
ENLARGEMENT - 2  
C302

**NOTES:**

1. THE CONTRACTOR IS REQUIRED TO NOTIFY MISSISSIPPI ONE CALL PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR NOTIFYING ALL UTILITY COMPANIES AT A MINIMUM OF 48 HOURS PRIOR TO COMMENCING WORK IN THE PROJECT AREA AND TO COORDINATE HIS WORK WITH THE INVOLVED UTILITIES.
2. ALL EXISTING UTILITY LOCATIONS SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE DEPTH AND LOCATION OF ALL EXISTING UTILITIES AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES OR CONFLICTS PRIOR TO BEGINNING CONSTRUCTION. ALL NECESSARY FIELD REVISIONS ARE SUBJECT TO REVIEW AND APPROVAL BY THE ENGINEER PRIOR TO CONSTRUCTION.
3. THE CONTRACTOR SHALL BEAR FULL RESPONSIBILITY FOR THE PROTECTION OF ALL PRIVATE AND PUBLIC UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE UTILITY OWNER BY THE CONTRACTOR. IT IS ALSO THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE HIS WORK WITH ALL LOCAL UTILITY COMPANIES.
4. THE CONTRACTOR SHALL ALSO USE CARE IN WORKING NEAR ANY AND ALL EXISTING ITEMS WHICH ARE NOT TO BE REMOVED. ANY DAMAGE DONE TO THESE EXISTING ITEMS BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
5. A STABILIZED CONSTRUCTION INGRESS/EGRESS WILL BE REQUIRED. ALL CONSTRUCTION VEHICLES SHALL ENTER AND EXIT ALL CONSTRUCTION AREAS USING A STABILIZED CONSTRUCTION INGRESS/EGRESS. FOR DETAIL, SEE SHEET C304.



**OVERALL PERSPECTIVE**

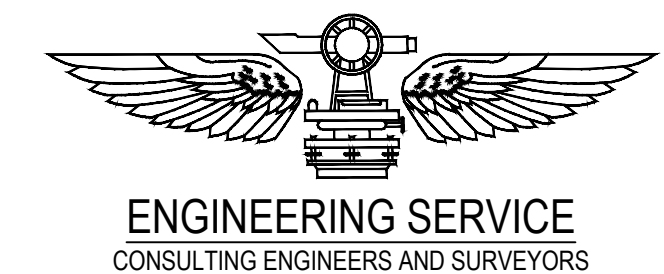


7/30/2021

**CONSTRUCTION  
DOCUMENTS**  
WBA # 21-038

**REVISIONS**

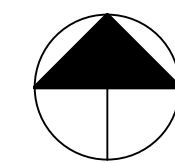
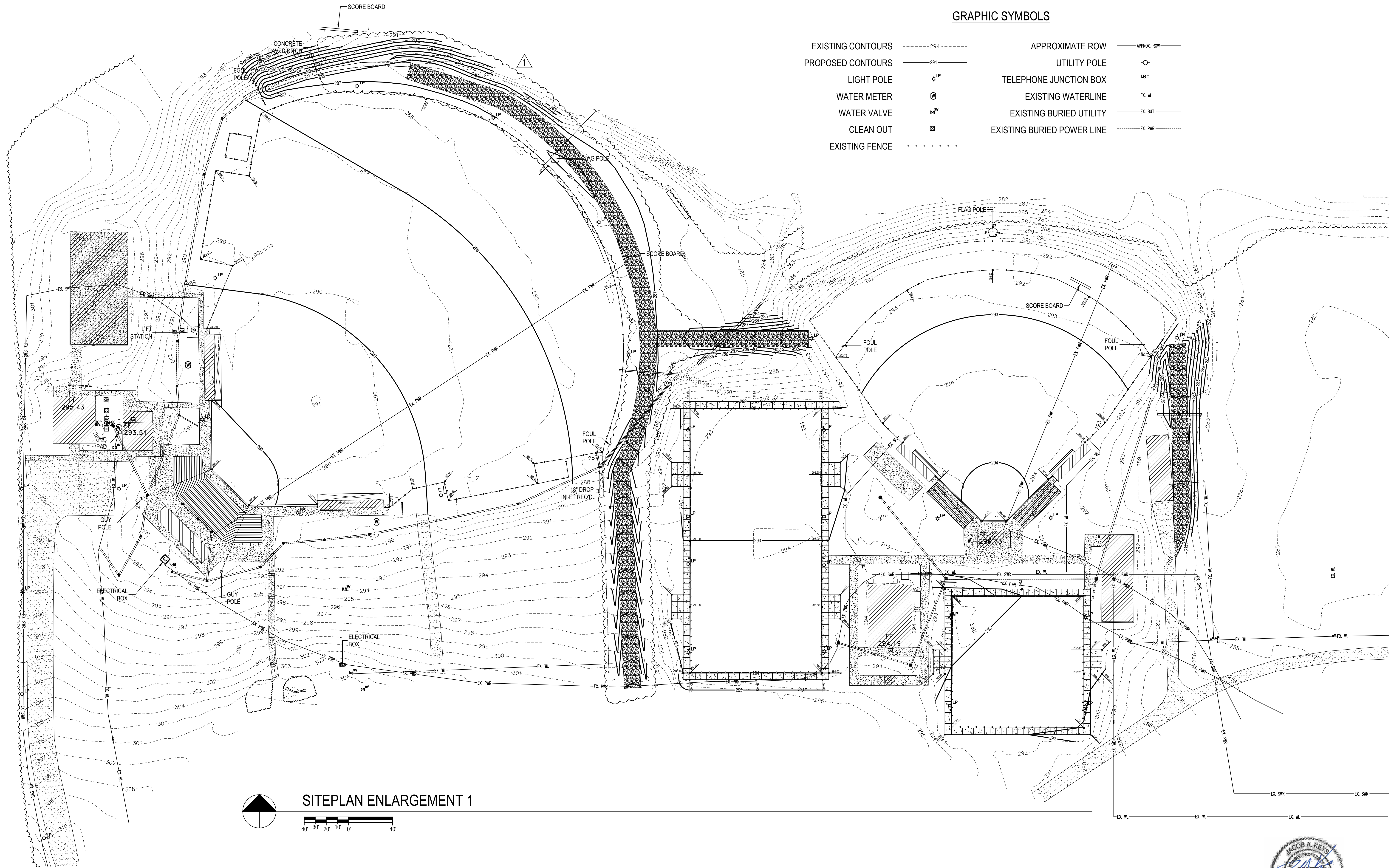
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1	'note clarification'	7/30/2021



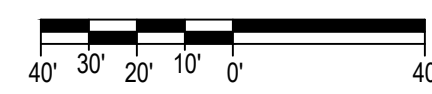
**C300**  
SWPPP  
OVERALL  
PERSPECTIVE

**GRAPHIC SYMBOLS**

EXISTING CONTOURS	-----294-----	APPROXIMATE ROW	-----APPROX. ROW-----
PROPOSED CONTOURS	—————294—————	UTILITY POLE	○
LIGHT POLE	⊙ <sup>LP</sup>	TELEPHONE JUNCTION BOX	T&O
WATER METER	⊙ <sup>W</sup>	EXISTING WATERLINE	-----EX. WL-----
WATER VALVE	⊕ <sup>W</sup>	EXISTING BURIED UTILITY	-----EX. BUR-----
CLEAN OUT	⊞	EXISTING BURIED POWER LINE	-----EX. PWR-----
EXISTING FENCE	—————		



**SITEPLAN ENLARGEMENT 1**

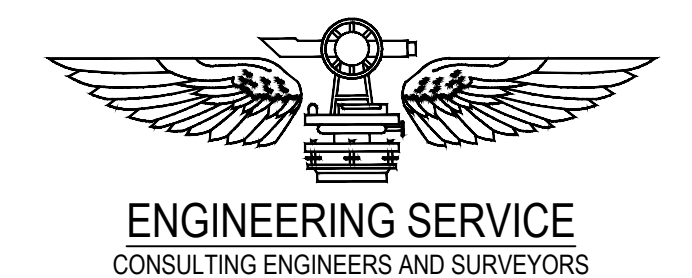
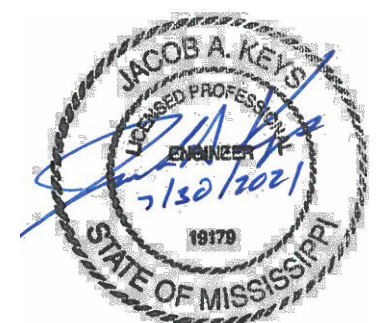


7/30/2021

**CONSTRUCTION DOCUMENTS**  
WBA # 21-038

REVISIONS

NO.	DESCRIPTION	DATE
1	rev. grading	7/30/2021

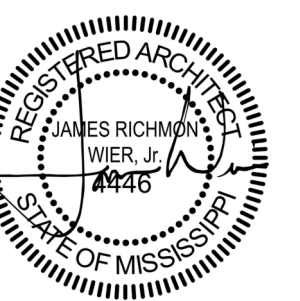


**CHS ATHLETIC  
FIELD  
IMPROVEMENTS**

CLINTON PUBLIC  
SCHOOLS  
401 ARROW DR.  
CLINTON, MS 39056



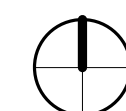
1 ARCHITECTURAL SITE PLAN  
1" = 40'-0"

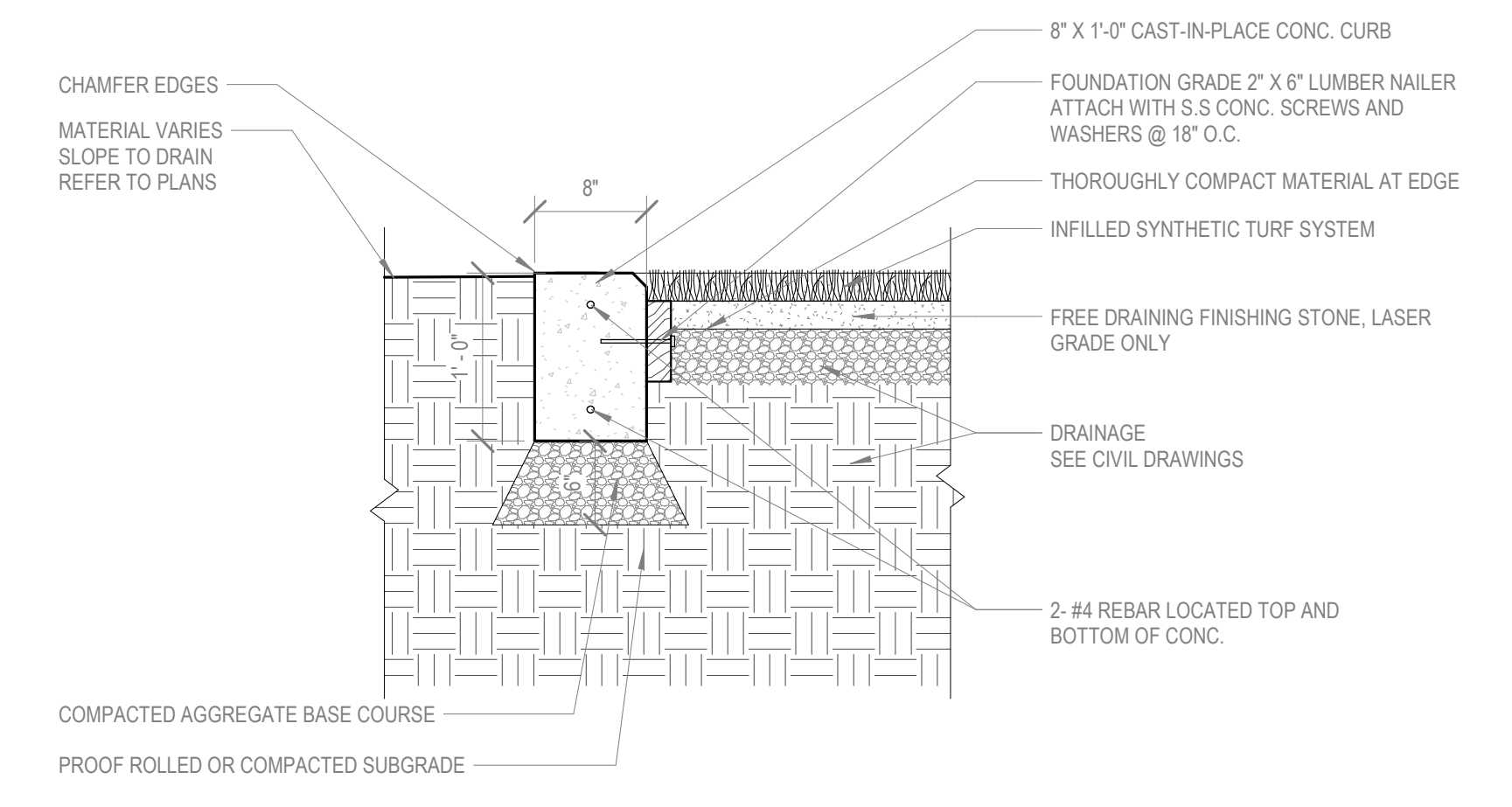
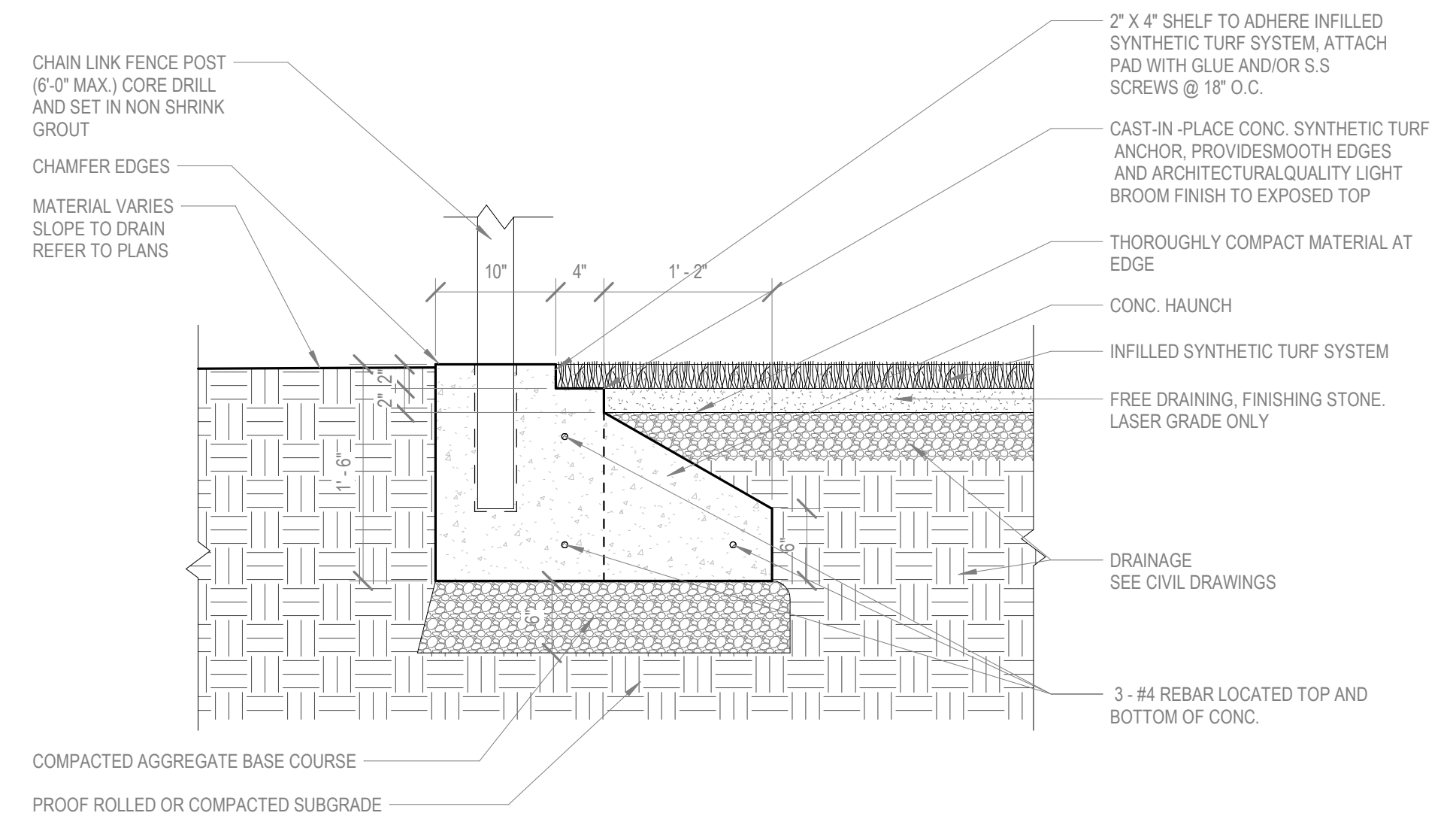
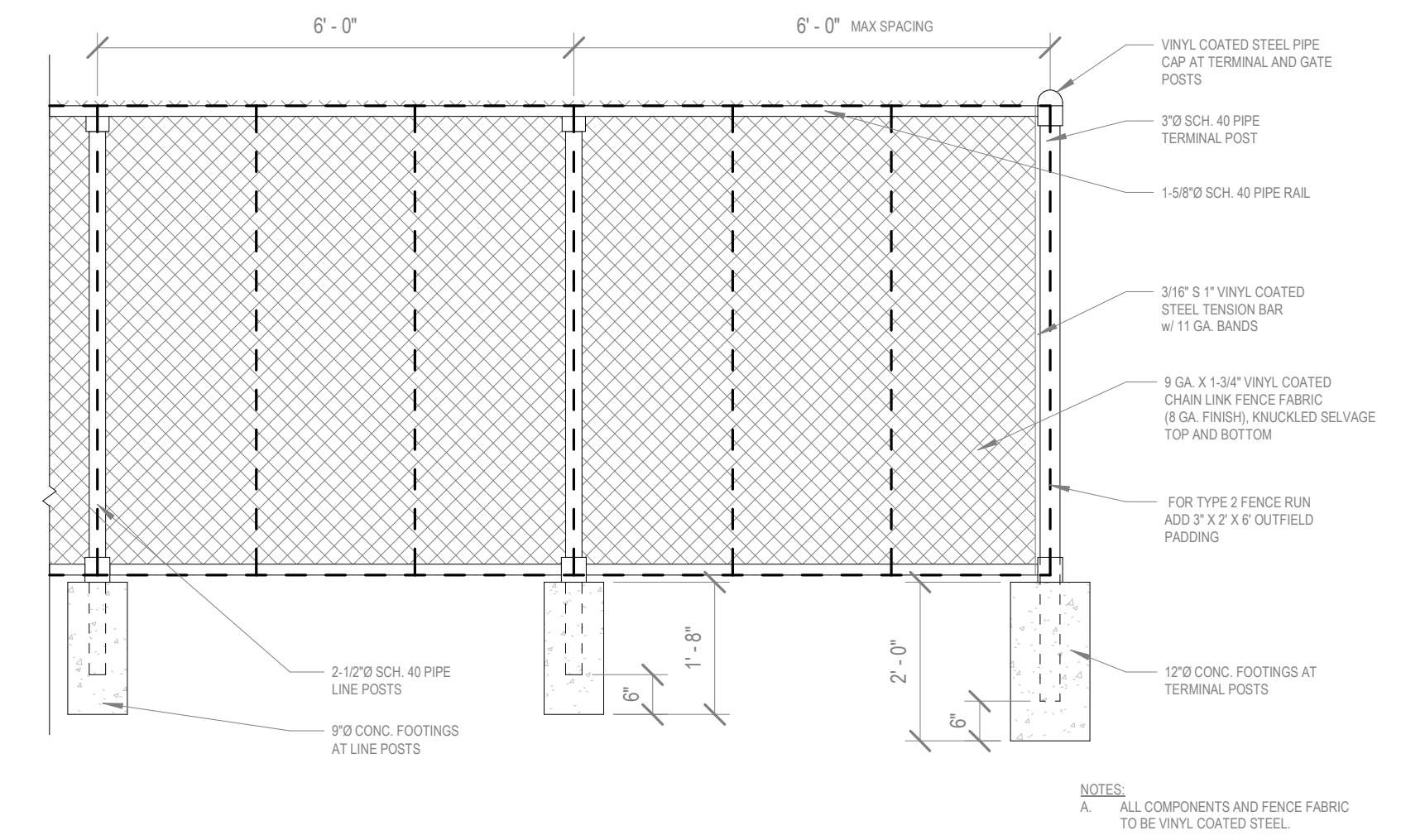
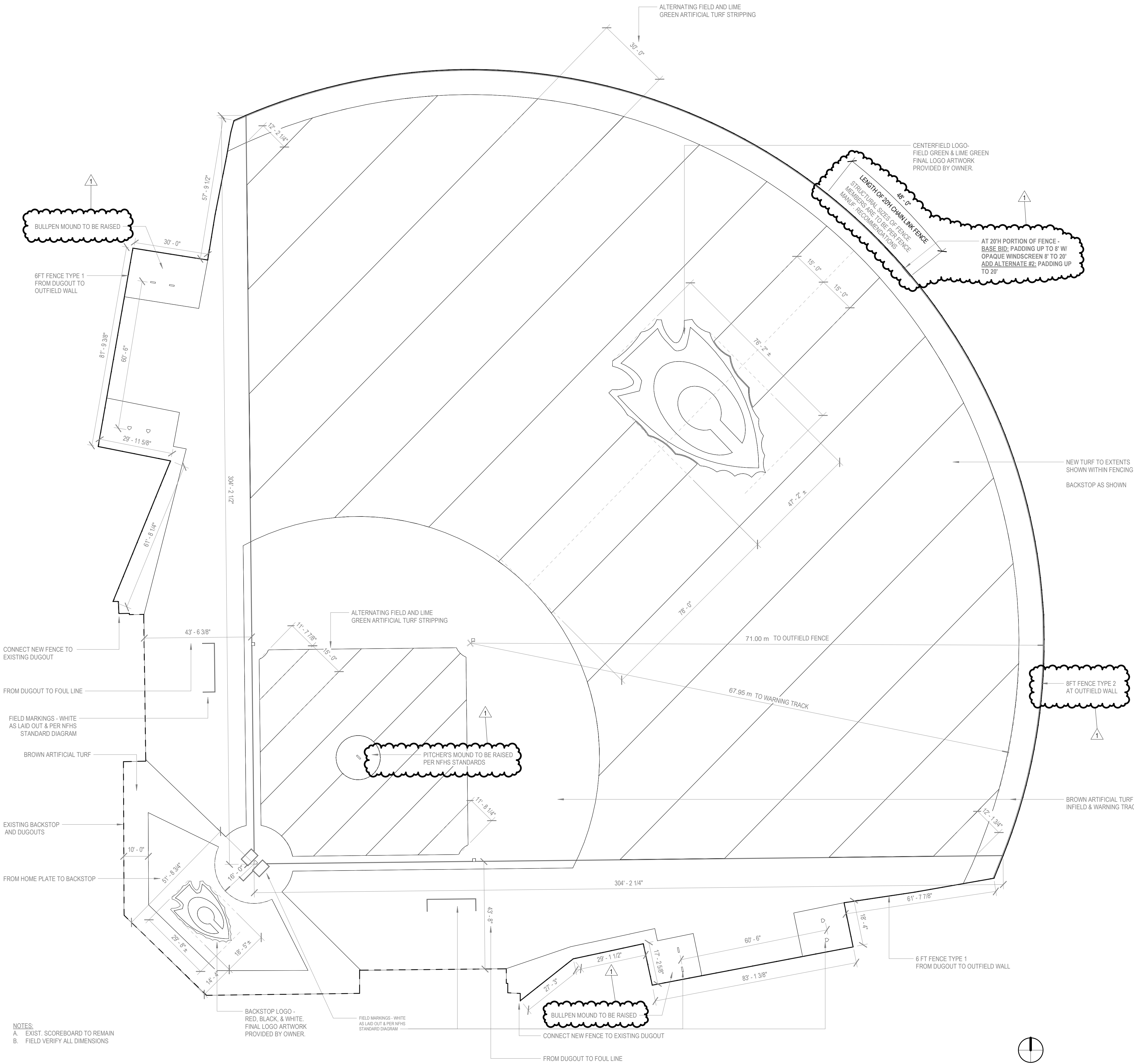


JULY 8, 2021

CONSTRUCTION  
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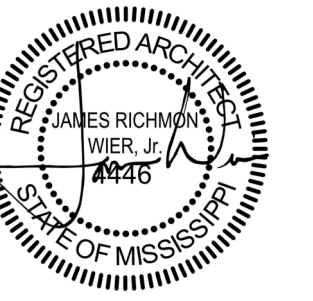
REVISIONS		
NO.	DESCRIPTION	DATE
1	ADDENDUM #2	7-30-21





**1 ARCHITECTURAL SITE PLAN BASEBALL**  
1" = 20'-0"

**4 CONC. CURB W/ NAILER**  
1" = 1'-0"

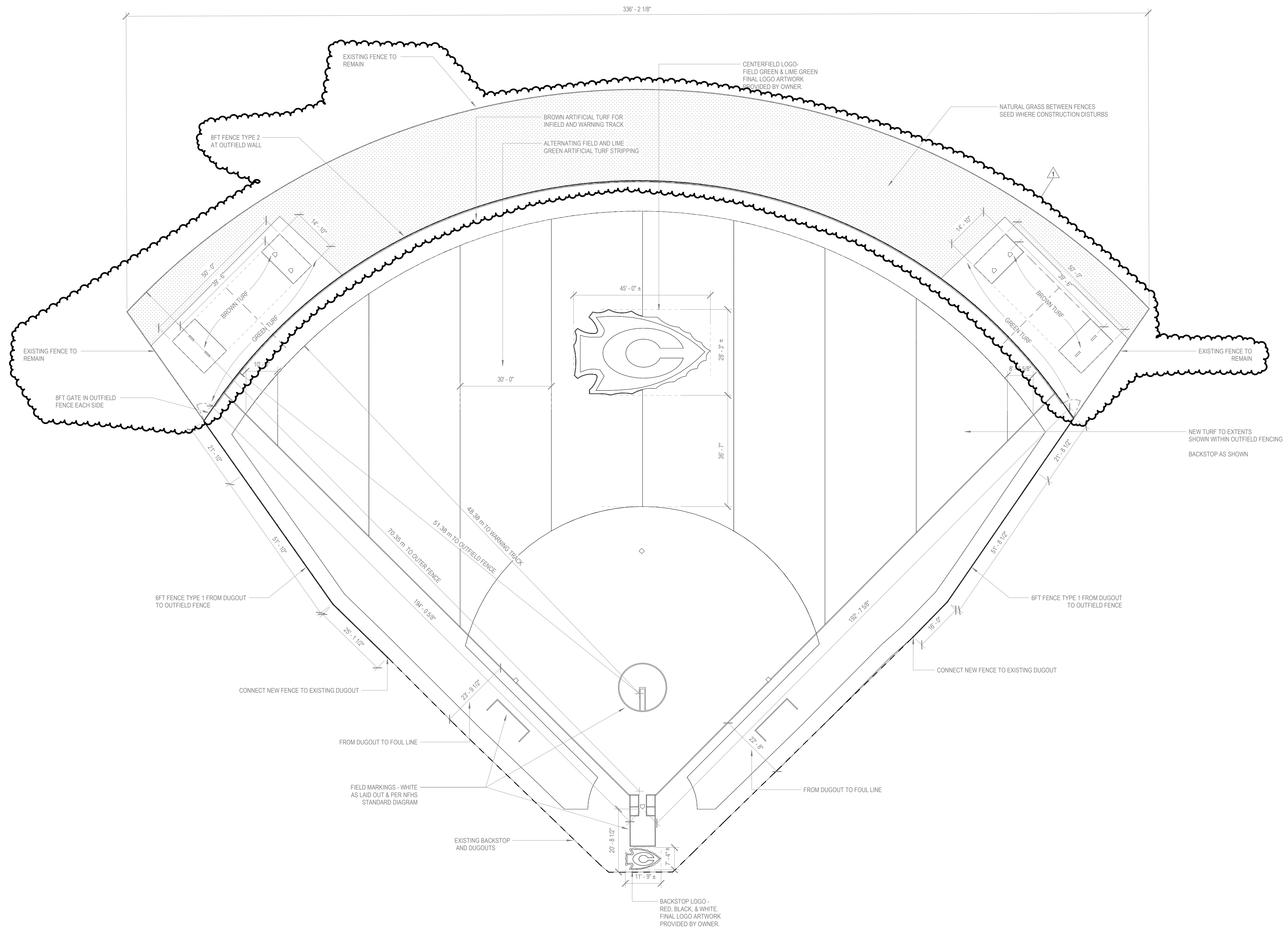


JULY 8, 2021

**CONSTRUCTION DOCUMENTS**  
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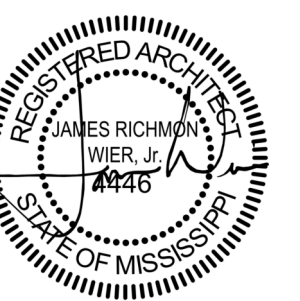
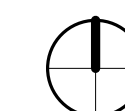
REVISIONS

NO.	DESCRIPTION	DATE
1	ADDENDUM #2	7-30-21



NOTES:  
A EXIST SCOREBOARD TO REMAIN  
B FIELD VERIFY ALL DIMENSIONS  
C SEE A101 FOR FENCE & CURB DETAILS

1 ARCHITECTURAL SITE PLAN SOFTBALL  
1/16" = 1'-0"



JULY 8, 2021

CONSTRUCTION  
DOCUMENTS  
WBA # 21-038

NO.	DESCRIPTION	DATE
1	ADDENDUM #2	7-30-21