

Mr. Daniel Anderson
Municipal and Private Facilities
Mississippi Department of Environmental Quality
Environmental Permit Division
515 E Amite Street
Jackson, MS 39201

April 23, 2021

Re: The Mockingtrail Subdivision
50 New Connections
Cleveland, Bolivar County

Dear Mr. Anderson,

We have received your email dated April 22, 2021, please see below for our responses:

1. *It appears the GPS coordinates on the LCNOI are incorrect. Please provide an updated LCNOI with correct GPS coordinates for this project.*
 - a. See the attached updated LCNOI Package.
2. *It appears the SWPPP, Drawings, and will-serve letter for the utilities are labeled "Mockingtrail Subdivision", but the LCNOI states the project name is "Indywood Subdivision." Please clarify the correct name of this project and submit updated document(s) with the correct project name.*
 - a. The name of the subdivision is Mockingtrail. See the attached updated LCNOI Package.
3. *It is a requirement of the General Permit that the SWPPP must 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.*
 - a. See the attached updated LCNOI Package.
4. *It is a requirement of the General Permit that inspections be conducted following any rain event that produces a discharge. This should be specified in the SWPPP.*
 - a. See the attached updated LCNOI Package.
5. *MDEQ requests Please provide to MDEQ maps or drawings showing the following as required by the General Permit:*
 - *Original and proposed contours (if feasible), with steep slopes identified*
 - *All erosion and sediment controls (vegetative and structural)*
 - *Location of housekeeping practices*
 - a. See the attached updated LCNOI Package.

If any additional information is needed, do not hesitate to call. Thank you for your cooperation in this matter.

Very Truly Yours,

A handwritten signature in black ink that reads "Josh McPherson". The signature is written in a cursive, flowing style.

Joshua F. McPherson, PE
Project Engineer



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)

MSR10 _ _ _ _

(NUMBER TO BE ASSIGNED BY STATE)

APPLICANT IS THE: ☐ **OWNER** ☐ **PRIME CONTRACTOR**

OWNER CONTACT INFORMATION

OWNER CONTACT PERSON: _____

OWNER COMPANY LEGAL NAME: _____

OWNER STREET OR P.O. BOX: _____

OWNER CITY: _____ **STATE:** _____ **ZIP:** _____

OWNER PHONE #: (____) _____ **OWNER EMAIL:** _____

PRIME CONTRACTOR CONTACT INFORMATION

PRIME CONTRACTOR CONTACT PERSON: _____

PRIME CONTRACTOR COMPANY LEGAL NAME: _____

PRIME CONTRACTOR STREET OR P.O. BOX: _____

PRIME CONTRACTOR CITY: _____ **STATE:** _____ **ZIP:** _____

PRIME CONTRACTOR PHONE #: (____) _____ **PRIME CONTRACTOR EMAIL:** _____

FACILITY SITE INFORMATION

FACILITY SITE NAME: _____

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

STREET: _____

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

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

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

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

TOTAL ACREAGE THAT WILL BE DISTURBED ¹: _____

IS THIS PART OF A LARGER COMMON PLAN OF DEVELOPMENT? YES ☐ NO ☐

IF YES, NAME OF LARGER COMMON PLAN OF DEVELOPMENT: _____
AND PERMIT COVERAGE NUMBER: MSR10 _ _ _ _

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

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

DESCRIPTION OF CONSTRUCTION ACTIVITY: _____

PROPOSED DESCRIPTION OF PROPERTY USE AFTER CONSTRUCTION HAS BEEN COMPLETED: _____

SIC Code _ _ _ _ **NAICS Code** _ _ _ _

NEAREST NAMED RECEIVING STREAM: _____

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

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

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

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

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

IF YES, INDICATE THE TYPE OF FLOCCULANT. ☐ ANIONIC POLYACRYLAMIDE (PAM)
☐ OTHER _____

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

¹Acreage for subdivision development includes areas disturbed by construction of roads, utilities and drainage. Additionally, a housesite of at least 10,000 ft² per lot (entire lot, if smaller) shall be included in calculating acreage disturbed.

DOCUMENTATION OF COMPLIANCE WITH OTHER REGULATIONS/REQUIREMENTS
COVERAGE UNDER THIS PERMIT WILL NOT BE GRANTED UNTIL ALL OTHER REQUIRED
MDEQ PERMITS AND APPROVALS ARE SATISFACTORILY ADDRESSED

IS LCNOI FOR A FACILITY THAT WILL REQUIRE OTHER PERMITS?

YES ☐ NO ☐

IF YES, CHECK ALL THAT APPLY: ☐ AIR ☐ HAZARDOUS WASTE ☐ PRETREATMENT
☐ WATER STATE OPERATING ☐ INDIVIDUAL NPDES ☐ OTHER: _____

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

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

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

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

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

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

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

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

Chris F. Collins
Signature of Applicant¹ (owner or prime contractor)

3-4-2021
Date Signed

Chris F. Collins
Printed Name¹

Managing Member
Title

¹This application shall be signed as follows:

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

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

Please submit the LCNOI form to:

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



100 North Street
Post Office Box 1439
Cleveland, MS 38732
Phone: (662) 846-1471
Fax: (662) 843-8029
www.cityofclevelandms.com

Billy Nowell
Mayor

Maurice Smith
Robert Sanders
Danny Abraham
Kirkham Povall
Paul Janoush
Ted Campbell
Gary Gainspoletti
Board of Aldermen

March 4, 2021

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

Re: Mockingtrail Square Subdivision
City of Cleveland, Mississippi

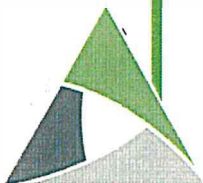
To whom it concerns,

This letter is regarding the willingness and capacity to take on the generated flow from the above referenced proposed project. Currently, the capacity of our wastewater treatment facility is at 3.0 MGD; The City of Cleveland is more than capable of handling the added peak flow of 110 GPM that this subdivision will add to the system.

If you have any questions or comments regarding the above recommendations, please do not hesitate to contact us at your convenience.

Sincerely,

Billy Nowell
Mayor



**MOCKINGTRAIL SQUARE SUBDIVISION
CELVELAD, MISSISSIPPI**

STORM WATER POLLUTION PREVENTION PLAN

April 22, 2021

Site Information

The project consists of the construction of a new subdivision including the installation new sewer lines and manholes to connect to an existing municipal sewage collection system, installation of new water lines to connect to an existing municipal water system, and site grading. The construction will disturb 7.9 acres of land located along Ronaldman Road, in Cleveland, Mississippi. The existing site can be described as flat ground. Proposed roadway longitudinal slopes will not exceed 0.35%, and no grading feature shall exceed a 3:1 slope.

Vegetative Controls

Temporary vegetation includes annual grasses that sprout quickly such as annual rye, brown top millet, oats, and winter wheat. These grow quickly with little care and can protect the soil from rainfall and act as a filter. They will not provide permanent cover. Permanent cover must be established as indicated below. When a disturbed area will be left undisturbed for fourteen (14) days or more, the appropriate temporary or permanent vegetative practices shall be implemented immediately.

Mulching is the placement of hay grass, woodchips, straw, or synthetic material on the soil to provide temporary cover to protect the soil from rain. Mulching may be the only option during the winter when seeding or sodding is not possible. Mulch must stay in place to be effective. Netting, stakes or chemical binders are used to anchor some types of mulch. Be sure to reinstall washed-out mulch and anchor if necessary, until permanent cover is established.

Permanent stabilization is the establishment of a permanent vegetative cover on disturbed areas using either sod, perennial seed, trees or shrubs. When a disturbed area will be left undisturbed for fourteen (14) days or more, the appropriate temporary or permanent vegetative practices shall be implemented immediately. Silt fences, and other temporary measures must be removed following permanent stabilization.

Vegetative buffer zones are undisturbed or planted vegetated areas that are between construction activities and water bodies.

Structural Controls

Silt fences are temporary sediment barriers made of filter fabric buried at the bottom, stretched, and supported by stakes. The silt fence slows runoff and allows it to puddle or pond, so soil and sediment can settle out before leaving the site. The bottom eight to twelve inches of fence must either be sliced in or buried in a trench about four to six inches deep by four to six inches wide. **Silt fences that are not buried are improperly installed. They have no useful function, are a waste of money, and may result in enforcement action.** Stakes must be on the downstream side of the fence and spaced about 3 feet apart. Silt fence must not be installed across streams, ditches, waterways, or other concentrated flow areas. Place fences on the contour or perpendicular to the slope of the hill so that water and sediment will pond behind the fence. **Turn ends uphill** to prevent water going around the end. Install on the downslope, downhill, downstream, or low side of your lot. Keep the fence/barrier in place until grass is established.

Slope drains are piping or lined channels that carry storm water downslope without erosion. A good example would be a downspout extender. Extenders may be used to protect temporarily stabilized areas from roof runoff. Extenders can direct water from roof gutters to paved or grassed areas. Remove extenders following permanent stabilization.

Construction entrance/exits are stone stabilized site entrances which reduce sediment tracked onto public roads. Apply gravel or crushed rock to the driveway area and restrict traffic to this one route. Use 3 to 6-inch gravel over a geotextile fabric. At the end of each day sweep or scrape up any soil tracked onto the street. Limit "standard" vehicle access (including workers' vehicles) to only streets and roads, keep vehicles off future yard areas; limit tracking of mud onto streets by requiring any required vehicles to use designated access drives. Streets are conduits for storm water, it is important to keep mud and sediment off the streets.

Stockpiles of sand or soil should be covered with plastic or tarps at the end of each workday or surrounded with silt fence or haybales. Do not locate a stockpile near a street, storm drain inlet, or ditch.

Erosion control blankets or mats are machine-produced mats of straw or other fibers held together with netting that provide temporary or permanent stabilization in critical areas, such as slopes or channels, so that vegetation may be established.

Storm Drain Inlets on the lot must be protected by surrounding or covering with a filter material until final stabilization has been achieved.

Additional Controls: The above controls are the more common practices used at small construction sites. There are several other controls, techniques and manufactured product available. A few examples include hydro seeding, diversion berms, silt dikes and fiber logs. Even something as simple as a tarp or plastic may provide temporary cover for small, exposed areas. You may wish to contact an erosion and sediment control specialist, local building official, or MDEQ for further information. In addition, MDEQ has several guidance manuals that may be of assistance and the internet has abundant guidance on construction BMPs.

Housekeeping Controls: Pollutants that may enter storm water from construction sites because of poor housekeeping include oils, grease, paints, gasoline, solvents, litter, debris, and sanitary waste. Good housekeeping practices include:

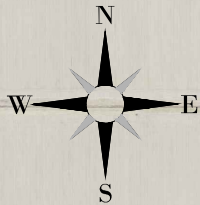
- Frequent cleaning of trash and debris, providing waste receptacles at convenient locations and providing regular collection of waste.
- Directing concrete trucks to the subdivision's designated wash-off area(s) or back to the Ready-Mix facility.
- Providing protected storage areas for chemicals, paints, solvents, fertilizers, and other potentially toxic materials; and
- Providing adequately maintained sanitary facilities.

In addition, you should be aware that State air regulations prohibit the open burning of residential solid waste.

Inspection Requirements. Homebuilders shall inspect all erosion controls following any rain event that produces a discharge to ensure that appropriate erosion and sediment controls have been properly constructed and maintained to prevent erosion and sediment from leaving the site and determine if additional or alternative control measures are required. The inspection results shall be recorded on the Site Inspection and Certification Form contained in the Large Construction Forms Package. MDEQ strongly recommends that homebuilders perform "walk through" inspections daily. It is a responsibility of the homebuilder to install additional and/or alternative erosion and sediment controls when existing controls prove to be ineffective in preventing sediment from leaving the site.

IMPLEMENTATION SEQUENCE

- 1) Build construction entrance/exit.
- 2) Temporary silt fences/vegetative buffer around the site shall be installed as soon as construction is initiated.
- 3) Rough grade site, begin installation of sewer lines and sewer lift station, install storm drainage with inlet/outlet protection where applicable, construction of roadbeds, and construct necessary diversions.
- 4) Permanent erosion control measures, including seeding and wattles shall be installed as soon as construction in these areas has been completed.

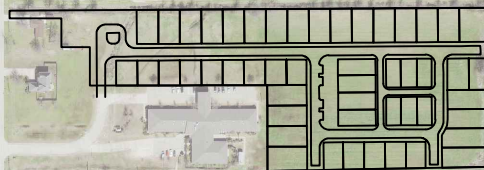


SCALE:
1"=500'

RONALDMAN ROAD

0.5 MILE RADIUS

MOCKINGTRAIL SQUARE
SUBDIVISION



DELTA STATE
UNIVERSITY

MS HWY NO. 8

MOCKINGTRAIL SQUARE
SUBDIVISION
CLEVELAND, MS
SITE LAYOUT

E|B **ELEY | BARKLEY** P.A.
ENGINEERING & ARCHITECTURE

306 THIRD STREET - CLEVELAND, MS 38732 -

TEL: 662-846-0180 FAX: 662-846-0948 -

WWW.ELEYBARKLEY.COM

Proj. No. 20-130

Date: 03/04/2021

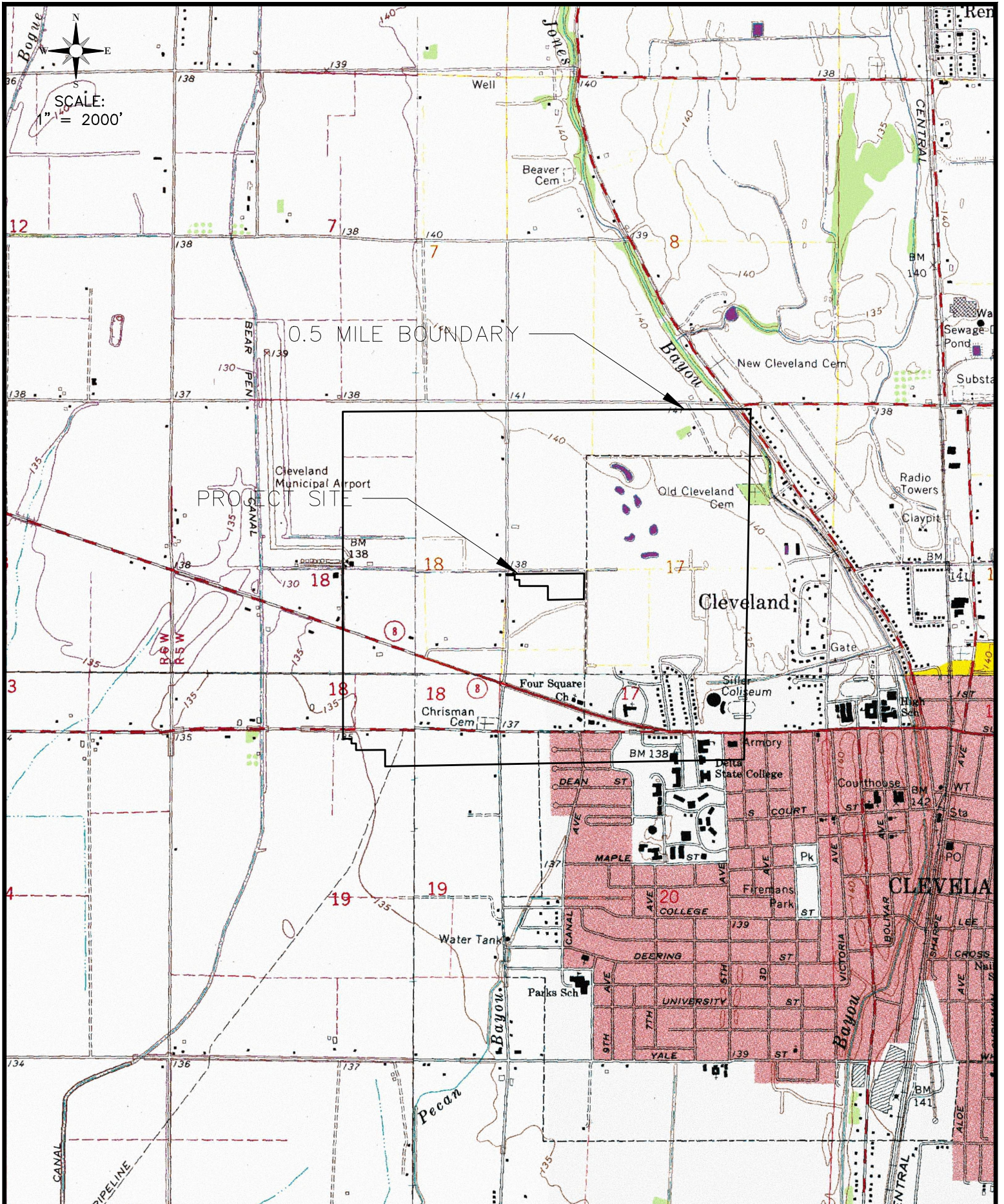
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Drawn By: CRC

Chkd. By: JFM

Dwg. No.

1



MOCKINGTRAIL SQUARE
SUBDIVISION
CLEVELAND, MS
USGS QUAD MAP



ELEY BARKLEY P.A.
ENGINEERING & ARCHITECTURE

306 THIRD STREET ~ CLEVELAND, MS 38732 ~ TEL: 662-846-0180 FAX: 662-846-0948 ~ WWW.ELEYBARKLEY.COM

Proj. No. 20-130

Date: 03/04/2021

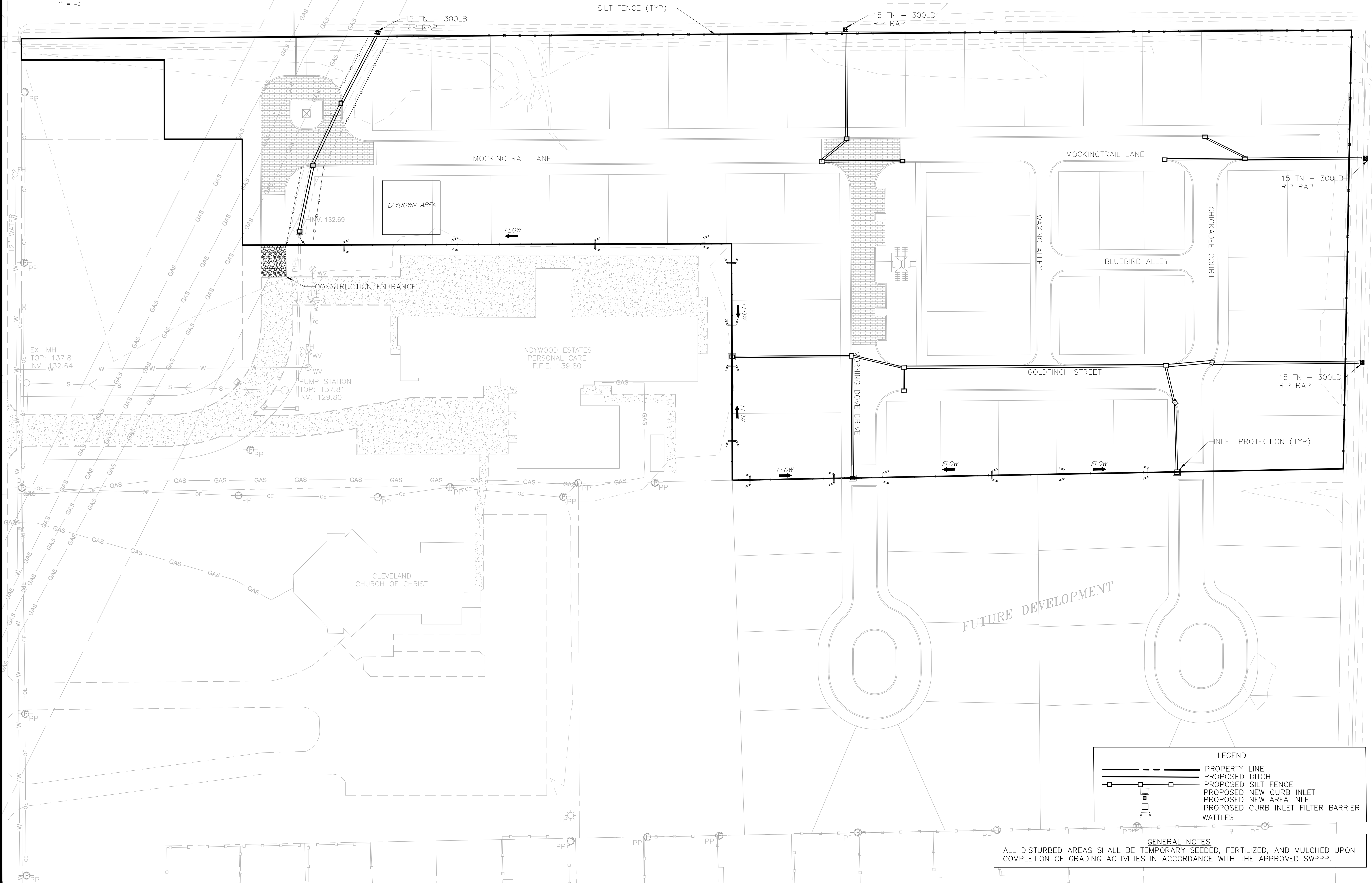
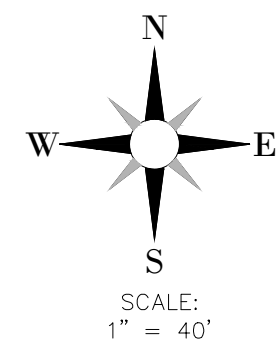
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Chkd. By: JFM

Dwg. No.

2



LEGEND	
	PROPERTY LINE
	PROPOSED DITCH
	PROPOSED SILT FENCE
	PROPOSED NEW CURB INLET
	PROPOSED NEW AREA INLET
	PROPOSED CURB INLET FILTER BARRIER
	WATTLES

GENERAL NOTES
ALL DISTURBED AREAS SHALL BE TEMPORARY SEEDED, FERTILIZED, AND MULCHED UPON COMPLETION OF GRADING ACTIVITIES IN ACCORDANCE WITH THE APPROVED SWPPP.

EB

REVISIONS		
DATE	DESCRIPTION	BY

CLEVELAND, MISSISSIPPI
MOCKINGTRAIL SQUARE SUBDIVISION
EROSION CONTROL PLAN

ELEY BARKLEY P.A.
ENGINEERING & ARCHITECTURE
300 THIRD STREET - CLEVELAND, MS 38732
TEL: 662-846-0180 FAX: 662-946-0248
WWW.ELEYBARKLEY.COM

DRAWN BY:	CRC
CHECKED BY:	JFM
DATE:	03/18/2021
SCALE:	1" = 40'
FILE:	20-130
SHEET	7.0