



4545 Sherwood Common Blvd., Bldg. 3A
Baton Rouge, LA 70816

t 225.216.7483

February 28, 2025

The Honorable George Flaggs, Jr. Mayor
of The City of Vicksburg, MS Board of
Directors and Aldermen 1401 Walnut
Street, Room 314
Vicksburg, Mississippi 39180

Re: Iowa Avenue Headwall Replacement Request to Execute Change Order No. 2

Dear Mayor Flaggs:

Please find attached the following documents:

- Change Order No. 2 – Differing Site Condition
- Procedure and Updated Sheet No. 20

Due to a differing site condition observed following removal of the existing apron slab, where the soil beneath the proposed apron is saturated with water and therefore the Contractor is unable to achieve proper compaction and adequate subgrade stability for construction of the apron slab, we have collectively developed a procedure to mitigation this condition. Due to the differing site condition Maynard Landscaping Co. Inc. has issued Change Order No. 2 requesting an increase in the Contract Price.

Due the above noted issue, we request that the Board of Mayor and Aldermen review the attached documents and execute Change Order No. 2 granting an increase in the original Contract Price from \$1,050,250.18 to \$1,089,373.18 (Difference of \$39,123.00). The Contract Time will remain as modified under Change Order No. 1.

Feel free to E-mail or call if you should have any questions or need additional information.

Kind regards,

TRC Engineers, Inc.

A handwritten signature in blue ink that reads "Durk H. Krone".

Durk H. Krone, P.E. Vice
President 225.229.2968
E-mail: dkrone@trccompanies.com

cc: File

Change Order No. 02

Date of Issuance: March 3, 2025

Effective Date: March 3, 2025

Project: Iowa Avenue Headwall Replacement	Owner: City of Vicksburg, MS	Owner's Contract No.: <u>601.415.5092</u>
Contract: <u>N/A</u>		Date of Contract: <u>July 3, 2024</u>
Contractor: <u>Maynord Landscaping Co., Inc.</u>		Engineer's Project No.: <u>N/A</u>

The Contract Documents are modified as follows upon execution of this Change Order:

Description:

Differing Site Condition – Saturated and unstable soil beneath proposed apron slab

Attachments (list documents supporting change):

E-mail narrative on proposed solution and updated Contract Drawing Sheet No. 20

CHANGE IN CONTRACT PRICE:

CHANGE IN CONTRACT TIMES:

Original Contract Price:

\$ 1,050,250.18

Original Contract Times: Working days Calendar days

Substantial completion (days or date): _____

Ready for final payment (days or date): _____

[Increase] [Decrease] from previously approved Change Orders No. 1:

\$ 0.00

[Increase] [Decrease] from previously approved Change Orders No. to No. :

Substantial completion (days): _____

Ready for final payment (days): _____

Contract Price prior to this Change Order:

\$ 1,050,250.18

Contract Times prior to this Change Order:

Substantial completion (days or date): _____

Ready for final payment (days or date): _____

[Increase] [Decrease] of this Change Order:

\$39,123.00

Increase of this Change Order:

Substantial completion (days or date): 0.0

Ready for final payment (days or date): 0.0

Contract Price incorporating this Change Order:

\$ 1,089,373.18

Contract Times with all approved Change Orders:

Substantial completion (days or date): 06/20/25

Ready for final payment (days or date): 06/27/25

RECOMMENDED:

By: *Derek A. Krone*
Engineer (Authorized Signature)

Date: 2/28/25

Approved by Funding Agency (if applicable): _____

ACCEPTED:

By: _____
Owner (Authorized Signature)

Date: _____

ACCEPTED:

By: *Ceme Maynard*
Contractor (Authorized Signature)

Date: 2/28/25

Date: _____

Krone, Durk H.

From: Krone, Durk H.
Sent: Thursday, February 27, 2025 3:30 PM
To: MAYNORD LANDSCAPING
Cc: Nancy Allen; Dane Lovell; Joshua Burris; Clayton, Donald; Liu, Xianzhi Sage; Paul, Michael; McGee, Shawn
Subject: RE: [EXTERNAL] Change Order No. 2
Attachments: Iowa Ave Change Order 1.pdf; 101_0383.JPG; 101_0386.JPG; 2025.02.27_Sheet 20-APRON PLAN.pdf

Tracking:	Recipient	Delivery
	MAYNORD LANDSCAPING	
	Nancy Allen	
	Dane Lovell	
	Joshua Burris	
	Clayton, Donald	Delivered: 2/27/2025 3:32 PM
	Liu, Xianzhi Sage	Delivered: 2/27/2025 3:32 PM
	Paul, Michael	Delivered: 2/27/2025 3:32 PM
	McGee, Shawn	Delivered: 2/27/2025 3:32 PM

Dear Mr. and Mrs. Maynord:

On Tuesday, February 25th, 2025 TRC met with representatives with Maynord Landscaping, the City of Vicksburg, MS, TRC and ABTS GeoScience – Cell Phone.

Following our site visit we verified the following:

An upgrade to the by-pass pumping system is warranted as it currently does not keep water from entering the area where the leveling pad and apron are to be installed to prevent the instability of the soil that occurs when it gets saturated (See attached photo nos.: 383 & 386) . In a conversation Maynord on Wednesday, Feb. 26th it was confirmed that upgrades to the by-pass pumping had been achieved.

Due to the differing site condition where the soil beneath the proposed apron is saturated with water and therefore, we are unable to achieve proper compaction and adequate subgrade stability for construction of the apron slab, we discussed several options to move forward with Construction.

Following our meeting at the site TRC had an internal discussion and we offer the following approach to moving forward (See attached revised Sheet No. 20):

- In accordance with Maynord’s attached CO No. 2, excavate up to 2’-0” below the area of the proposed apron.
- Replace with a foot (12 inches) of 100 lb. riprap with an average size of 6 inches – We recommend that the riprap be dense, durable, and free of clay and shale seams. While we prefer limestone, the specifications allow for use of riprap. Is Maynord going to be using Limestone?
- Cost – Your quote is for \$94/Ton which seems high. If Maynord elects to use crushed concrete, we believe the cost should be even lower. Would you please reevaluate your unit cost and provide a cost for the option you want to use?
- It is recommended that in lieu of “lightly tamping in place with a trackhoe” that Maynord tamps in the riprap at the bottom of the excavated area with moderate effort in an attempt to push a single stone size (around 6 inches) into the undercut area in order to stiffen up the bottom of the excavation. This could increase the quantity of stone to a minor extent.

- The upper foot (12 inches) will be #57 stone to “lock it in” and also provide a flattened/level surface to install the “leveling Pad” (Mud Slab)
- Once Maynard completes the apron slab installation, riprap is to be installed at the edge of the apron and at the existing and proposed embankment slopes in accordance with Sheet Nos.: 6 & 7 of the contract drawings.

We recommend that Maynard review the above and reissue CO No. 2 at your earliest convenience. As discussed verbally and provided we can get Maynard’s revised C.O. No. 2 by early tomorrow morning, we will be able to get it on the agenda for the Monday, March 3, 2025 Board meeting.

Feel free to e-mail or call if you have any questions or need additional information.

Kind regards,

Durk H. Krone, P.E. 4545 Sherwood Common Blvd,
Vice President Bldg. 3A
Area Manager SE Infrastructure Baton Rouge, LA 70816
Alternative Project Delivery **m** 225.229.2968
w 225.372.1328



TRCCOMPANIES.COM

From: MAYNORD LANDSCAPING <mli.landscaping@icloud.com>
Sent: Wednesday, February 12, 2025 1:28 PM
To: Krone, Durk H. <DKrone@trccompanies.com>
Cc: Nancy Allen <nancya@vicksburg.org>; Dane Lovell <danel@vicksburg.org>; Joshua Burris <jburriss@vicksburg.org>; Brian Robbins <brian.robbins@neel-schaffer.com>; Keith O'Keefe <keith.okeefe@neel-schaffer.com>; Clayton, Donald <DClayton@trccompanies.com>; Liu, Xianzhi Sage <XLiu@trccompanies.com>
Subject: Re: [EXTERNAL] Change Order Request 1

This is an **External** email. Do not click links or open attachments unless you validate the sender and know the content is safe.

ALWAYS hover over the link to preview the actual URL/site and confirm its legitimacy.

Thank you, I will let Jeff know.

Aimee

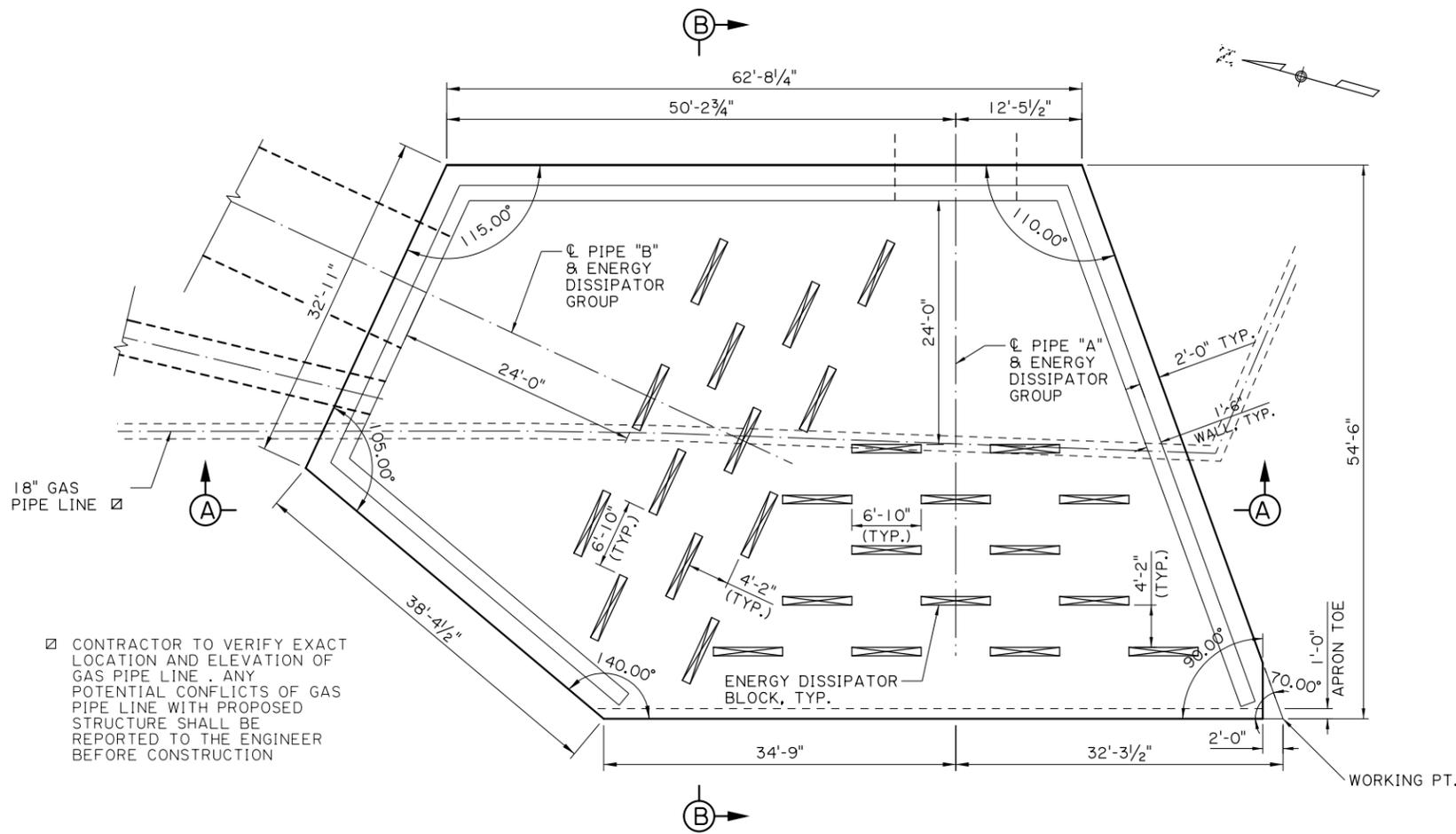
On Feb 12, 2025, at 12:27 PM, Krone, Durk H. <DKrone@trccompanies.com> wrote:

Dear Ms. Maynard:

I have reviewed your request for a Change Order and discussed with the City and in accordance with the contract documents we recommend removal of the existing headwall, apron, and incorporate bypass pumping to better determine the source of the water infiltration.

Let us know if you have any questions or would like to discuss further.

**CHANGE ORDER AND/OR
SPECIAL AGREEMENT**

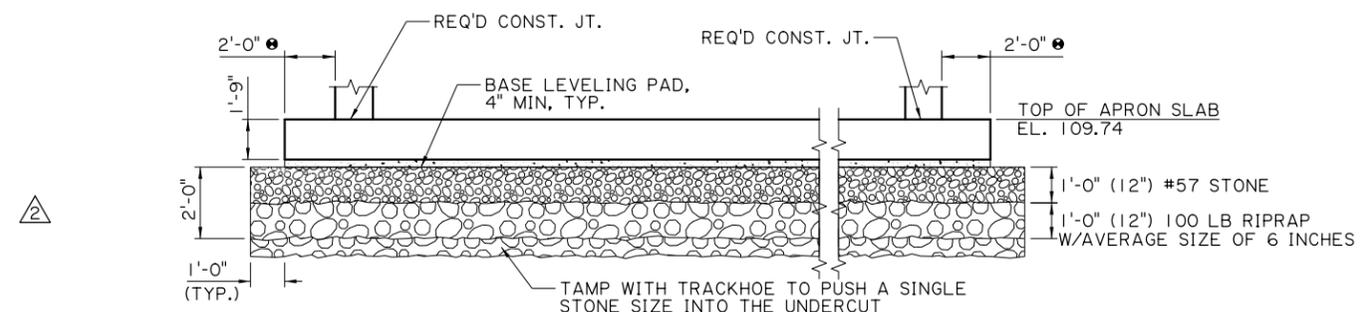


PLAN OF APRON SLAB AND FOOTING

NOTES:

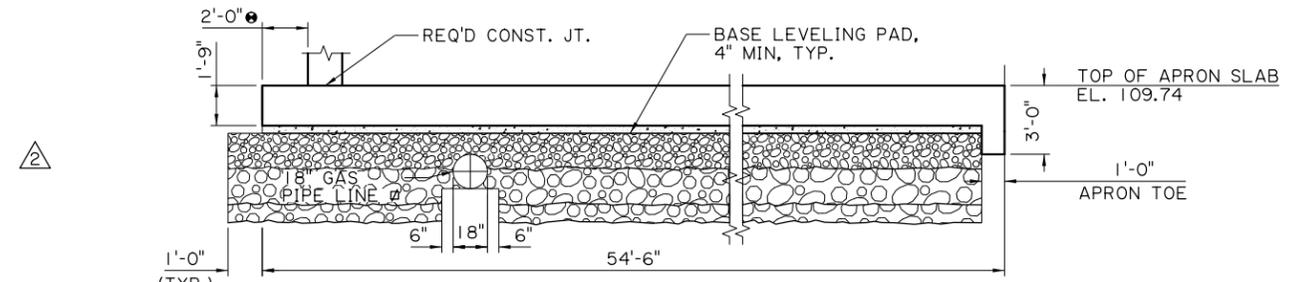
1. SEE SHEET 2 OF 2 FOR APRON REINFORCEMENT DETAILS.
2. ALL CONCRETE FOR APRON SLAB SHALL BE CLASS "B", f' = 3,500 PSI.
3. BASE LEVELING PAD SHALL BE 4" THICKNESS MINIMUM WITH NON-REINFORCED CONCRETE. THE CONCRETE SHALL BE CLASS "C", f' = 2,000 PSI.
4. THE FOUNDATION BED FOR THE PROPOSED STRUCTURE SHALL BE GRADED AND COMPACTED IN ACCORDANCE WITH SUB-SECTION 809.02.3 AND 809.03.
5. CONCRETE SURFACE SHALL BE FINISHED IN ACCORDANCE WITH SUB-SECTION 804.03.19.6.2.
6. ALL EXPOSED CORNERS SHALL BE CHAMFERED 3/4".
7. REINFORCING STEEL SHALL BE PLACED 2" CLEAR MINIMUM FROM THE SURFACE OF CONCRETE, UNLESS OTHERWISE NOTED, AND ALL REINFORCING SHALL BE ADEQUATELY SUPPORTED FROM THE FORMS OR CHAIRS RESTING ON LEVELING PAD.
8. ALL BARS SHALL BE ACCURATELY SPACED AND SECURELY WIRED AT EACH INTERSECTION BEFORE PLACING CONCRETE.
9. BAR BENDING DETAILS SHALL BE IN ACCORDANCE WITH "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES" (ACI 315R-94).
10. REINFORCEMENT ORDER LISTS AND REQUIRED PLACING PLANS SHALL BE FURNISHED IN ACCORDANCE WITH SECTION 805 OF THE MISSISSIPPI STANDARD SPECIFICATIONS. PARTIAL SUBMITTALS ARE NOT ACCEPTABLE.
11. REINFORCING STEEL SHALL BE ASTM A615, GRADE 60, UNLESS OTHERWISE NOTED.
12. HORIZONTAL CONSTRUCTION JOINTS SHALL BE PLACED ONLY AT THE LOCATIONS SHOWN, AND THE CONCRETE SHALL BE ALLOWED TO SET A MINIMUM PERIOD OF TWO HOURS BEFORE CONTINUING THE POUR.
13. AT LEAST 7 WORKING DAYS PRIOR TO ANY CONCRETE PLACEMENT, CONTRACTOR TO NOTIFY THE OWNER AND OWNERS REPRESENTATIVE SO THAT THEY CAN SCHEDULE A SITE VISIT TO CHECK TO SEE THAT THE LAYOUT MEETS THE INTENT OF THE CONTRACT DOCUMENTS.
14. CONTRACTOR TO HIRE AN INDEPENDENT SAMPLING AND TESTING FIRM TO TAKE CONCRETE SAMPLES IN ACCORDANCE WITH SECTION 804 OF THE 2017 MDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION DURING EVERY CONCRETE PLACEMENT. CONTRACTOR TO ISSUE CERTIFIED TEST RESULTS PRIOR TO FINAL ACCEPTANCE OF STRUCTURE.

☐ CONTRACTOR TO VERIFY EXACT LOCATION AND ELEVATION OF GAS PIPE LINE. ANY POTENTIAL CONFLICTS OF GAS PIPE LINE WITH PROPOSED STRUCTURE SHALL BE REPORTED TO THE ENGINEER BEFORE CONSTRUCTION

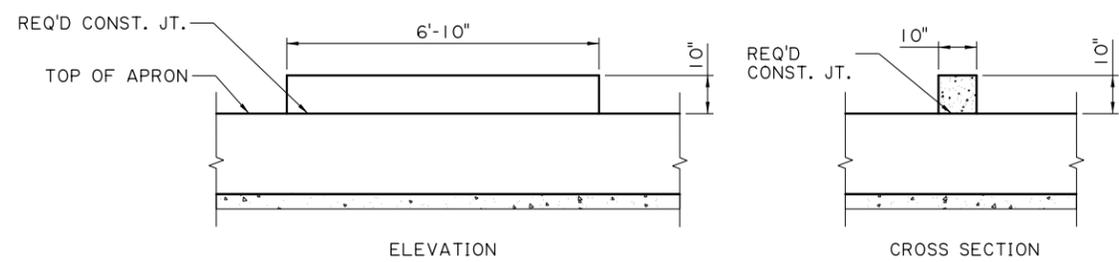


SECTION A-A

● DIMENSIONS ARE PERPENDICULAR TO THE WALL



SECTION B-B



ENERGY DISSIPATOR ELEMENT DETAILS

(TYPICAL FOR PIPE "A" AND PIPE "B")
(14 ELEMENTS REQUIRED FOR PIPE "A" GROUP)
(13 ELEMENTS REQUIRED FOR PIPE "B" GROUP)

PRELIMINARY



DATE	02/27/2025						
REVISION	REVISIONS TO DETAILS	NO.	XL	XL	DN	SCALE	JOB NUMBER
DESIGN BY:	DRAWN BY:	CHECKED BY:	SCALE:	JOB NUMBER:			
IOWA AVENUE HEADWALL REPLACEMENT APRON SLAB LAYOUT							
<p style="font-weight: bold; font-size: 1.2em;">PRELIMINARY</p>							
<p>4/14/2023</p>							
<p>SHEET 20</p>							
<p>1 OF 2</p>							

Thanks,

Durk H. Krone, P.E.
Vice President
Area Manager SE
Infrastructure
Alternative Project Delivery

4545 Sherwood Common Blvd,
Bldg. 3A
Baton Rouge, LA 70816
m 225.229.2968
w 225.372.1328

<image001.png>

From: MAYNORD LANDSCAPING <mli.landscaping@icloud.com>

Sent: Monday, February 10, 2025 11:39 AM

To: Krone, Durk H. <DKrone@trccompanies.com>

Cc: Nancy Allen <nancya@vicksburg.org>; Dane Lovell <danel@vicksburg.org>; Joshua Burris <jburriss@vicksburg.org>; Brian Robbins <brian.robbins@neel-schaffer.com>; Keith O'Keefe <keith.okeefe@neel-schaffer.com>; Clayton, Donald <DClayton@trccompanies.com>; Liu, Xianzhi Sage <XLiu@trccompanies.com>

Subject: [EXTERNAL] Change Order Request 1

This is an External email. Do not click links or open attachments unless you validate the sender and know the content is safe.

ALWAYS hover over the link to preview the actual URL/site and confirm its legitimacy.

Good morning,

Please see attached change order request and geotechnical report. I believe Jeff and you discussed this Friday afternoon. Please let us know if you have any questions.

Most respectfully,

Aimee Maynard
Maynard Landscaping Co., Inc.



2025/02/25



Report of Daily Activities



ABTS Project: Iowa Street Headwall Replace

Date: 02/05/25

Project: Maynord Landscaping
1873 China Grove Road
Vicksburg, Mississippi

Client : Iowa Street Headwall Replacement
Vicksburg, Mississippi

Arrive: 11:30 AM

Depart: 12:00 PM

Time: 0:30

Mr. Barton Schreiner, P.E. of our office visted the site today at the request of Mr. Dudley Maynord. Upon arrival to the site, areas of seepage were observed as illustrated on the attached **Site Plan**. A general observation of the site suggests that the in-situ soils to support the new concrete apron will be susceptible to erosion and scour as illustrated on Photograph No.6 attached. As a result, in order to facilitate construction of the new concrete apron and provide a stable working platform, we suggest the area to underlie the apron (Ref Attached Drawing) be built up to within about 12 inches below finished subgrade (bottom of slab) with large 100# rip-rap. The rip-rap can be an angular limestone or recycled concrete crushed to an equivalent size. The rip-rap once placed can be lightly tamped in place with a trackhoe. The final 12 inches below the apron can consist of No. 57 size crushed limestone or equivalent to better facilitate apron placement. We do not recommend the use of soil backfill in this area due to the potential for erosion and scour that could undermine the new concrete apron. Any on-site concrete rubble that meets the size requirements could be considered for use.

Equipment On Site

- Bulldozer Dumptruck Trackhoe Sheepsfoot Smoothdrum
 MiniExcavator Wacker Packer MiniSheepsfoot Concrete Truck Pump Truck

ABTS Personell On Site: Barton Schreiner

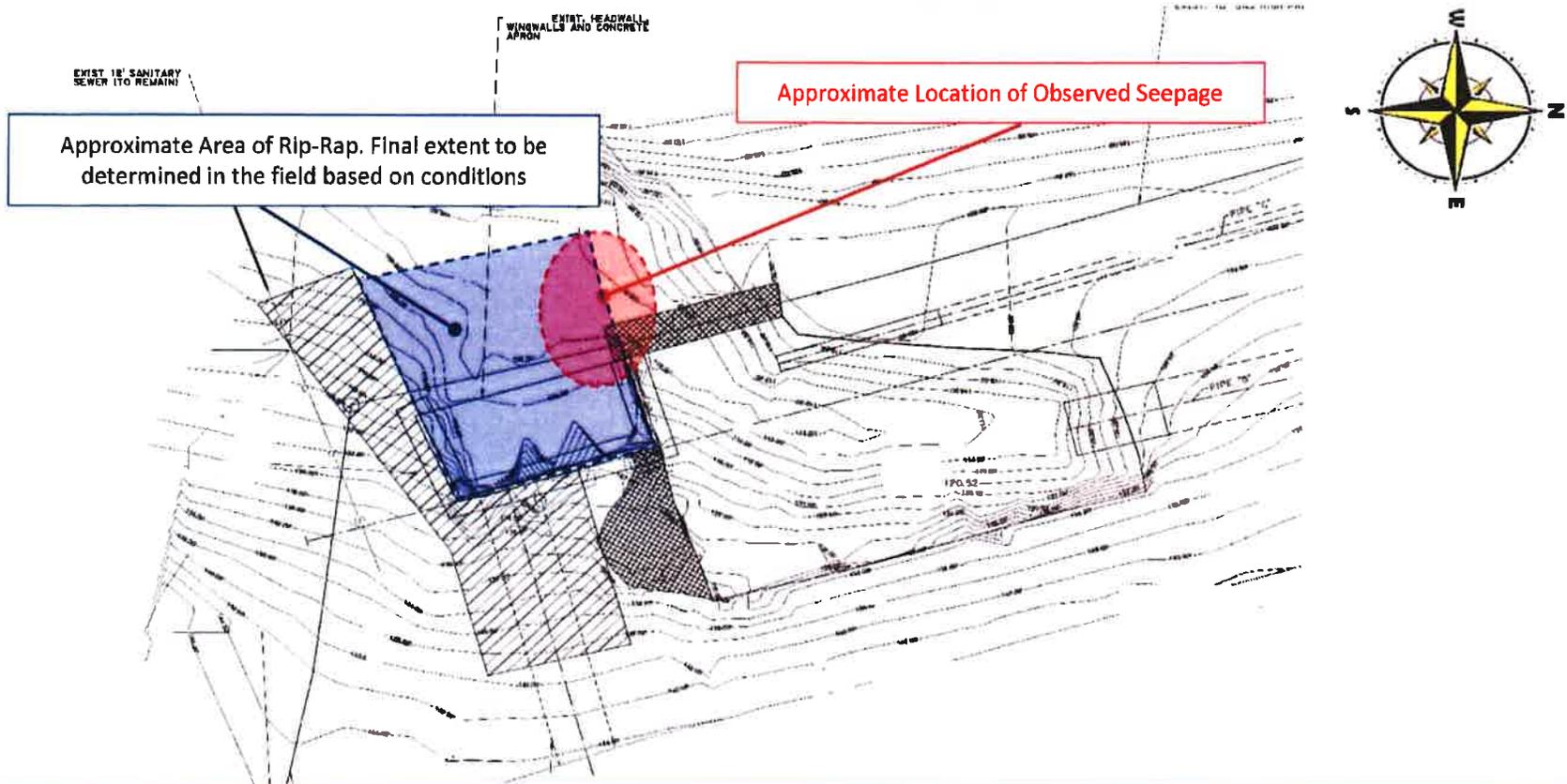
Site Plan



ABTS Project: Iowa Street Headwall Replace Date: 02/05/25

Project: Maynord Landscaping Client: Iowa Street Headwall Replacement
1873 China Grove Road Vicksburg, Mississippi
Vicksburg, Mississippi

Arrive: 11:30 AM Depart: 12:00 PM Time: 0:30



Daily Site Photographs



ABTS Project: Iowa Street Headwall Replace

Date: 02/05/25

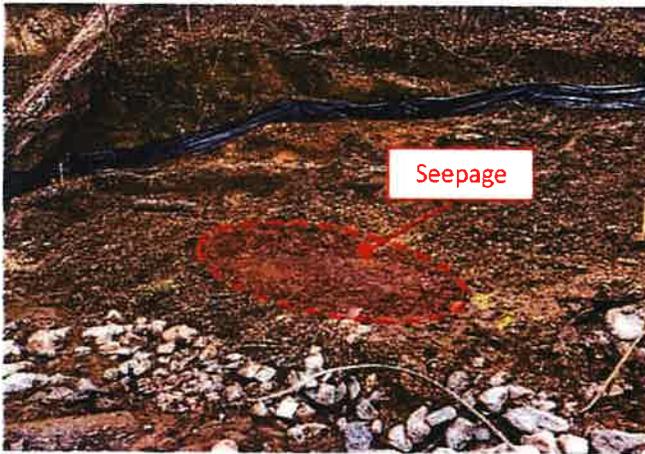
Project: Maynord Landscaping
1873 China Grove Road
Vicksburg, Mississippi

Client : Iowa Street Headwall Replacement
Vicksburg, Mississippi

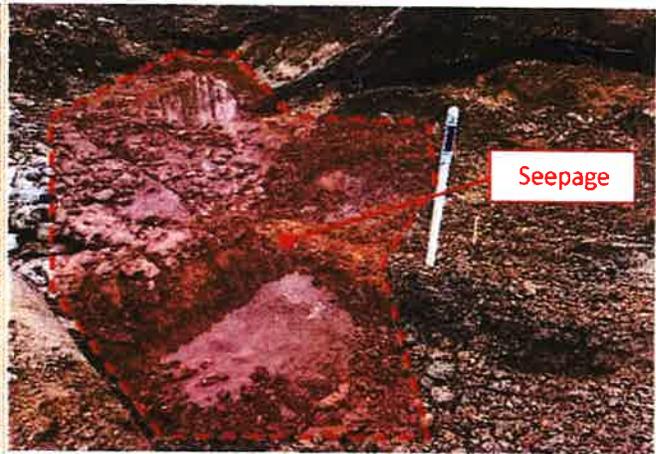
Arrive: 11:30 AM

Depart: 12:00 PM

Time: 0:30



Photograph No. 1 - Water Seepage



Photograph No. 2 - Water Seepage



Photograph No. 3 - General Conditions



Photograph No. 4 - General Conditions

Daily Site Photographs



ABTS Project: Iowa Street Headwall Replace

Date: 02/05/25

Project: Maynord Landscaping
1873 China Grove Road
Vicksburg, Mississippi

Client : Iowa Street Headwall Replacement
Vicksburg, Mississippi

Arrive: 11:30 AM

Depart: 12:00 PM

Time: 0:30



Photograph No. 5 - General Conditions



Photograph No. 6 - General Conditions