



Hall County Government

FINANCIAL SERVICES

CONTRACT EXECUTION SIGNATURE REQUEST

Date: 1/8/2024

To: Richard Higgins, Chairman, Board of Commissioners

From: Andy Penick, Purchasing Manager

Your signature is requested to execute the attached Hall County Candler Road Landfill Cell 3 Construction Contract

Bid/Contract No: IFB #024-44

Contract Name: Hall County Candler Road Landfill Cell 3 Construction

Department(s) Requesting Contract: Public Works

Award Recipient Name: Morgan Corp.

Date of Next BOC Vote: 1/25/2024

- | | |
|---|-----------------------------------|
| <input type="checkbox"/> Price Increase Requested | Percentage Increase: n/a |
| <input type="checkbox"/> Demand Service Contract | Previous Spend: n/a |
| <input type="checkbox"/> Commodity Contract | Requested Amount: \$13,676,000.00 |
| <input checked="" type="checkbox"/> Construction Contract | |

Comments:

Department recommendation for award is based upon the competitively bid IFB #024-44 where Morgan Corp. was the lowest responsive and responsible bidder.

POST OFFICE DRAWER 1435
GAINESVILLE, GA 30503

t: 770.535.8270 | f: 770.531.6711

DIRECTOR
Wesley Geddings

PRICE INCREASE DETAILS

Bid/Contract No: N/a

Bid/Contract Name: N/a



Hall County Government
FINANCIAL SERVICES

EXHIBIT B – CONTRACT FOR SERVICES

STATE OF GEORGIA
COUNTY OF HALL

CONTRACT # 024-44

For the provision of

Hall County Candler Road Landfill
Cell 3 Construction

POST OFFICE DRAWER 1435
GAINESVILLE, GA 30503

t: 770.535.8270 | f: 770.531.6711

DIRECTOR
Wesley Geddings

ARTICLE #101 - INTRODUCTION

This Contract for Hall County Candler Road Landfill Cell 3 Construction (hereinafter "Services") as entered into on _____, and with an Effective Date of _____, is by and between; Hall County, Georgia, Board of Commissioners, (hereinafter "County") located at 2875 Browns Bridge Rd, Gainesville, Georgia 30504, and Morgan Corp. (Hereinafter "Contractor"), located at 1800 E. Main Street, Duncan, SC 29334. Contractor is an entity that is legally registered and qualified, and holding any such licenses and certifications as may be required to render Services to do business in the State of Georgia. County and Contractor are known individually as a "Party" and collectively as the "Parties".

Whereas, the Parties do mutually desire to enter into this Contract to document the provision of Services or other good and valuable consideration by the Contractor to the County in exchange for payment as compensation, and

Whereas, this contract will become legally binding and executed upon signature by both parties, and

Whereas, this Contract is the result of the competitively Bid IFB #024-44, the Contractor's bid response, acceptance of the Scope of Work, its Exhibits, Attachments, and references are all incorporated herein by reference, and

NOW, THEREFORE and in consideration of the terms, conditions, mutual promises, covenants and agreements made as expressed and contained herein, or attached and incorporated and made a part hereof, and other good and valuable consideration, expressed by a valid offer and acceptance, the receipt and sufficiency of which the parties hereby acknowledge, the Parties hereto agree as follows:

ARTICLE #102 – CONTRACT

- A. Contractor agrees to provide the Services to the County as detailed herein as the Scope of Work, and for locations and services as described in the solicitation document and the Bidder's response.
- B. County hereby agrees as good and valuable compensation as provided in the attached bidder's response entitled Exhibit C – Mandatory Cost Proposal Worksheet, as incorporated herein by reference, (including Performance & Payment Bonds and all permits if required) shown below:

Contractor is to invoice the County after substantial completion of project in arrears. County will pay Contractor progress payments as further described herein;

- C. **Price Escalation Clause.** Not applicable. Contractor may request up to, but no more than, a three-percent (3%) price escalation adjustment to this contract at each time of contract renewal.

ARTICLE #103 - NOTICES:

To the extent that either party to this Contract are required to provide notice(s) to the other party in compliance herewith, then the party shall direct notice(s) to the following persons:

COUNTY PROJECT MANAGER

Bill Nash, P.E.
Director of Public Works and Utilities
Community Development and Infrastructure
2875 Browns Bridge Rd
Gainesville, GA 30504
bnash@hallcounty.org
Ph: (770) 531-6800

COUNTY ISSUING OFFICER

Andy Penick
Purchasing Manager
Hall County Purchasing Division
2875 Browns Bridge Rd
Gainesville, GA 30504
apenick@hallcounty.org
Ph: (770) 531-4939

CONTRACTOR'S CONTACT INFO

Name Bill Heape
Title Vice President of Spartanburg Division
Company Name Morgan Corp.
Address 1 1800 E. Main Street, Duncan, SC 29334
Address 2
Email bheape@morgan-corp.com
Phone (864) 433-8800

REMIT-TO ADDRESS (if different).

ARTICLE #104 – NON-EXCLUSIVE RIGHTS:

The Contract is not exclusive. The County reserves the right to select other Contractors to provide the Services similar to those described in this Contract, during the term of the Contract should the need arise or the contractor fail to perform.

ARTICLE #105 – CONTRACT TERM:

For construction projects, until substantial and final completion of services according to the time-schedule and after all sub-contractor(s) and material suppliers liens are satisfied.

ARTICLE #106 - CONTRACT AMENDMENTS AND MODIFICATION:

This Contract can only be modified, amended, or added to in writing and fully executed by both parties hereto. This Contract document constitutes the sole and entire Contract and understanding between the parties as to the subject matter hereof, and no verbal promises have been made by either party in relation hereto.

ARTICLE # 107 – REMEDIES AND CONTRACT PERFORMANCE:

In the event that either party to this Contract breaches this Contract, including by failure to meet the timetables set forth herein, the non-breaching party shall provide written notice to the breaching party which describes the breach of this Contract. The party whose breach is alleged shall have thirty (30) days from the date of receipt of the written notice to cure the breach or to otherwise negotiate a resolution of the breach.

If the breach has not been cured and the parties hereto have not resolved the issue described in the notice letter by thirty (30) days after receipt of the notice letter, the party authoring the letter shall be entitled to seek any and all remedies allowed by Georgia law, including damages, equitable relief, declaratory relief, specific performance, and/or seeking relief as to any bonds issued hereon. Additional provisions are;

A. Delay or Impossibility of Performance. Any failure or delay must be beyond the control of and without the fault or negligence of the Contractor. If the Services to be provided to the County are interrupted by a Force Majeure Event, as defined below, the County will be entitled to an equitable adjustment to the fees and other payments due to the Contractor under this Contract. If delay results from a subcontractor's negligent conduct or failure to perform, the Contractor shall not be excused from compliance with the terms and obligations of the Contract. Epidemics and pandemics are not considered Force Majeure events by the County.

Neither party shall be held liable or responsible to the other party nor be deemed to have defaulted under or breached this Agreement for failure or delay in fulfilling or performing any obligation under this Agreement when such failure or delay is caused by or results from causes beyond the reasonable control of the affected party, including but not limited to fire, floods, embargoes, acts of war, civil unrest, insurrections, riots, strikes, lockouts or other labor disturbances, or acts of God; provided, however, that the party so affected shall use reasonable commercial efforts to avoid or remove such causes of nonperformance, and shall continue performance hereunder with reasonable dispatch whenever such causes are removed. Either party shall provide the other party with prompt written notice of any delay or failure to perform that occurs by reason of Force Majeure.

Definition: The term 'force majeure' as defined in Black's Law Dictionary, is 'an event or effect that can be neither anticipated nor controlled. It is a contractual provision allocating the risk of loss if performance becomes impossible or impracticable, especially as a result of an event that the parties could not have anticipated or controlled.'

- B. Obligations beyond Contract Term.** The Contract shall remain in full force and effect to the end of the specified term or until terminated or canceled pursuant to the Contract.
- C. Transition Cooperation with the County and Cooperation with other Contractors.** Contractor agrees that upon termination of this Contract for any reason, it shall provide sufficient efforts and reasonable cooperation and assistance to the County to ensure an orderly and efficient transition to the County or an alternative Contractor. Further, in the event that the County has entered into or enters into contracts with other Contractors related to the Services, Contractor agrees to cooperate fully with such other Contractors. Contractor shall not engage in any act that will interfere with the performance of work by any other Contractor(s).

ARTICLE # 108 - TERMINATION:

The County may terminate this Contract by providing sixty (60) days written notice to the other party at any time. Should either party terminate this Contract prior to the date of automatic termination, Contractor shall provide the County with all deliverables up to the date of termination thirty (30) days after the Notice to Terminate is issued. The County shall pay the Contractor for all work properly performed in compliance with the terms of the Contract up to the date of termination.

- A. Termination for Convenience.** Following sixty (60) days written notice, either party may terminate the Contract in whole or in part for any reason without the payment of any penalty or incurring any further obligation to the Contractor.

- B. Termination for Cause.** The occurrence of any one or more of the following events shall constitute cause for the County to declare the Contractor in default of its obligations under the Contract:
1. The Contractor fails to deliver or has delivered nonconforming Services or fails to perform, to the County's satisfaction, any material requirement of the Contract or is in violation of a material provision of the Contract, including, but without limitation, the express warranties made by the Contractor.
 2. The County determines that contractor's satisfactory performance of the Contract substantially endangered or that default is likely to occur.
 3. The Contractor fails to make substantial and timely progress toward performance of the Contract.
 4. The Contractor becomes subject to any bankruptcy or insolvency proceeding under federal or state law to the extent allowed by applicable federal or state law including bankruptcy laws; the Contractor terminates or suspends its business; or the County reasonably believes that the Contractor has become insolvent or unable to pay its obligations as they accrue consistent with applicable federal or state law.
 5. The Contractor has failed to comply with applicable federal, state and local laws, rules, County ordinances, regulations and orders when performing within the scope of the Contract.
 6. The Contractor has engaged in conduct that has or may expose the County or the State to liability, as determined in the County's sole discretion; or a material breach of the terms of the Contract by County upon County's failure to cure such material breach after written notice thereof has been delivered in accordance with ARTICLE #108.C. below constitutes cause for the Contractor to declare that the County is in default of its obligations under the Contract.
- C. Notice of Default.** If either party causes one or more of the default events set out in ARTICLE #108, then either party shall issue a written Notice-of-Default to the party that causes one or more of the default events, requesting that the breach or noncompliance be remedied within the period of time specified in the party's Notice-of-Default to the Contractor. If the breach or noncompliance is not remedied within the period specified in the written notice, the non-breaching party may:
1. Immediately terminate the Contract for default without additional written notice.
 2. In the event of a breach by the Contractor, the County may procure substitute Services from another source and charge the difference

between the Contract and the substitute Contract to the defaulting Contractor; and/or,

3. Enforce the terms and conditions of the Contract and seek any legal or equitable remedies.

D. Termination Due to Non-Availability of Funds.

This Contract will terminate immediately and absolutely if the County determines that adequate funds are de-appropriated such that the County cannot fulfill its obligations under the Contract, such determination being at the County's sole discretion and conclusive. County agrees to provide prompt written notice to Contractor in the event of any de-appropriation.

E. Termination due to Failure of Contractor to Act.

The County may terminate the Contract for any one or more of the following reasons effective immediately without advance notice:

1. In the event that the Contractor must be certified or licensed as a condition precedent to providing the Services, the revocation or loss of such license or certification may result in immediate termination of the Contract effective as of the date on which the license or certification is no longer in effect.
2. The County determines that the actions, or failure to act, of the Contractor, its agents, employees or sub-Contractors have caused, or reasonably could cause, life, health or safety to be jeopardized.
3. The Contractor furnished any statement, representation, or certification in connection with the Contract or the bidding process, which is materially false, deceptive, criminal activity, incorrect or incomplete.
4. Failure of the Contractor to obtain, provide, maintain, and deliver the Performance and Payment Bonds (if required) as and when required under this Contract, or failure to comply with any requirement pertaining to the appropriate amounts thereof as set forth in ARTICLE #123 - PERFORMANCE AND PAYMENT BOND REQUIREMENT.

- F. Payment Limitation in Event of Termination.** In the event of termination of the Contract for any reason by either party, the County shall pay only those amounts, if any, due and owing to the Contractor for Services actually received and accepted by the County up to and including the date of termination of the Contract and for which the County is obligated to pay pursuant to the Contract.

- G. The Contractor's Termination Duties.** Upon receipt of notice of termination, the Contractor shall:

1. Cease work under the Contract and take all necessary or appropriate steps to limit disbursements and minimize costs and furnish a report within thirty (30) days of the date of notice of termination, describing the

status of all work under the Contract, including, without limitation, results accomplished, conclusions resulting therefrom, and any other matters the County may require.

2. Immediately cease using and return to the County, any personal property or materials, whether tangible or intangible, provided by the County to the Contractor.
3. Comply with the County's instructions for the timely transfer of any active files and work product produced by the Contractor under the Contract.
4. Cooperate in good faith with the County, its employees, agents, and Contractors during the transition period between the notification of termination and the substitution of any replacement Contractor; and
5. Contractor is to immediately return any payments made by the County for goods and services that were not delivered by the Contractor.

H. **Liquidated Damages.** In the event that the Contractor unreasonably delays completion of the project, or who abandons the project before completion, the Contractor shall pay the County liquidated damages an amount equal to the percentage of work not completed.

ARTICLE # 109 – NO DEFENSE OR INDEMNIFICATION BY COUNTY:

The parties agree that the County shall not be responsible for defending or indemnifying any Contractor from any claim brought by any third party against the Contractor.

ARTICLE #110 - ASSIGNMENT AND DELEGATION BY CONTRACTOR:

The Contractor shall not assign or delegate this Contract, or any performance required by it, in whole or in part, without the prior express written consent of the County.

ARTICLE #111 – USE OF THIRD PARTIES (SUB-CONTRACTORS):

This Contract is for the benefit of the parties hereto only and is not intended to benefit any third-party or give rise to any duty or causes of action for any third party. All restrictions, obligations and responsibilities of the Contractor under the Contract shall also apply to third parties such as sub-Contractors, if allowed in writing by the County. Any Contract with a subcontractor must also preserve the rights of the County.

ARTICLE #112 – SUPERSEDES FORMER CONTRACTS

Unless otherwise specified in the Contract, this Contract supersedes all prior Contracts or Agreements between the County and the Contractor for the Services provided in connection with the Contract.

ARTICLE #113 - SEVERABILITY:

If any paragraph, sub-paragraph, sentence, clause, phrase, or portion of this Contract is declared invalid or unconstitutional by any Court of competent jurisdiction or if the provisions of any part of this Contract as applied to any particular situation or set of circumstances shall be declared invalid or unconstitutional, such invalidity shall not be construed to affect the remaining portions of this Contract not so held to be invalid or the application of this Contract to other circumstances not so held to be invalid.

ARTICLE # 114 - RECORDS:

- A. **Public Records Request.** The Georgia Open Records Act, as provided in O.C.G.A. § 50-18-70 et seq, requires procurement records and all other records received by or prepared or maintained on behalf of the County, shall be made open to public inspection, unless otherwise provided by law.
- B. **Record Retention and Access.** The Contractor shall maintain books, records, and documents in accordance with generally accepted accounting principles and procedures and which sufficiently and properly document and calculate all charges billed to the County throughout the term of the Contract for a period of at least five (5) years following the date of final payment or completion of any required audit, whichever is later. Records to be maintained include both financial records and service records.

ARTICLE # 115 - ADDITIONAL TERMS:

- A. The County shall not be bound by any terms and conditions included in any Contractor's literature, packaging, invoice, catalog, brochure, technical data sheet, on-line representation, warranties or service level agreement or other document which attempts to impose any condition in variance with or in addition to the terms and conditions contained herein.
- B. The County shall not be bound to any Terms and Conditions of the Contractor that are only accessible by hyper-link. All Terms and Conditions must be in print and approved by the County.

ARTICLE # 116 - WAIVER:

The failure of any party hereto to seek a remedy for any alleged breach of this Contract shall not constitute a waiver of any claim, cause of action, or remedy allowed by Georgia law for breach thereof.

ARTICLE # 117 - CONTRACTOR AND COUNTY RIGHTS AND OBLIGATIONS:

- A. The County has the right at any time to require the Contractor to put an immediate stop to any procedure, or the use of any equipment (chemical, material, etc., if applicable) considered by the County to be hazardous (or toxic) to persons, buildings, or surfaces. The Contractor will utilize acceptable substitutes as quickly as possible. In the event of such replacement, Contractor shall notify County of any resulting replacement, (ii) introduce the individual serving as the replacement to County, and (iii) provide County with a résumé and any other information regarding the individual that may be reasonably requested by County.
- B. The County has the right to require the Contractor to reassign or remove any employee or subcontractor's employee from the premises temporarily or permanently when, in the County's sole opinion, the employee is not suitable. The County's decision on this matter shall be final, and Contractor will remove this employee immediately and replace with a person of at least equivalent training, experience and requisite qualifications as quickly as possible, subject to the County's prior approval.
- C. Contractor agrees to obtain prior written approval from the County for the use of sub-Contractors to provide the Services described in *SCOPE OF SERVICES* prior to subcontractor's performance of work.

ARTICLE # 118- INSURANCE REQUIREMENTS:

Workers Compensation Insurance: Required for all contracts.

- a. \$500,000 Bodily Injury by Accident Each Accident
- b. \$500,000 Bodily Injury by Disease Each Disease
- c. \$500,000 Bodily Injury by Disease Each Employee

Additional Provisions: Waiver of Subrogation. The insurer agrees to waive all rights of subrogation against Hall County Board of Commissioners (BOC), its elected or appointed officers, officials, agents, authorized volunteers and employees for losses paid under the terms of this policy which arise from work performed by the Named Insured for Hall County BOC; but this provision applies regardless of whether or not Hall County BOC has received a waiver of subrogation from the insurer.

General Liability Insurance: Required for all contracts.

- a. \$2,000,000 General Aggregate
- b. \$2,000,000 Products & Completed Operations Aggregate
- c. \$1,000,000 Each Occurrence

- d. \$1,000,000 Personal & Advertising Injury
- e. \$500,000 Damages to Premises / Fire / Legal
- f. \$5,000 Medical Payments

Commercial Auto Liability Insurance: Required for all contracts, except for Goods and/or Services that are remote in nature and/or are delivered by a professional delivery service.

- a. \$1,000,000 Combined Single Limit OR
- b. \$500,000 per Person
- c. \$500,000 per Occurrence
- d. \$100,000 Property Damage
- e. \$1,000 for Medical Payments (no fault coverage)

Additional Provisions:

- a. Uninsured motorists coverage should be equal to the per occurrence limit except for contracts with other governmental entities
- b. Coverage shall be included for any owned, leased, hired, or non-owned autos
- c. For any contracts involving the transportation of hazardous materials, limited pollution endorsement ISO form CA9948 or its equivalent shall be on the policy

Umbrella Liability Insurance: Required for all contracts

- a. \$1,000,000 per Occurrence

Additional Provisions:

- a. Underlying coverage shall be General Liability, Automobile Liability, and Employers Liability (Workers Compensation)
- b. Minimum limit of \$5,000,000 per occurrence for all contracts over \$1,000,000 or involving any special risks or high hazard activities
- c. Minimum limit of \$5,000,000 for automobile coverage for any transportation contracts involving seniors, special education, transit services, students, or youths.
- d. Concurrent policy dates with primary liability policies except for workers compensation

Cyber Insurance (If applicable): Required for all software, computer hardware installation, data access, data integrations, data usage, cloud storage, SaaS, and or technology related contracts.

- a. \$1,000,000 Each Claim/Wrongful Act
- b. \$2,000,000 Annual Aggregate
- c. \$1,000,000 Business Interruption
- d. \$1,000,000 Data Recovery
- e. \$500,000 Cyber Extortion Expenses
- f. \$50,000 Cyber Extortion/Ransom Payments

Additional Provisions: (If applicable): Coverage shall include at a minimum:

- a. Information Security & Privacy Liability
- b. Regulatory Fines and Penalties
- c. Payment Card Industry (PCI) – If credit cards and/or banking information is obtained or accessed

d. Ransomware

Professional Liability Insurance (Errors & Omissions): Required for all professional service contracts. This shall include any consultants, medical, legal, technical, insurance agents, or other professions that require proper licenses.

- a. \$1,000,000 Each Claim/Wrongful Act
- b. \$2,000,000 General Aggregate

Builders Risk: (If Applicable) Recommended for most new construction projects

- a. With any construction project, Hall County should consider purchasing Builders Risk Coverage on a direct basis or have the contractor provide the coverage for projects under \$5,000,000 in value.
- b. For projects over \$5,000,000 in value, Hall County BOC should obtain Builders Risk Coverage on a direct basis to ensure coverage consistency and additional protections are made for Hall County BOC.

ARTICLE # 119 – NO WAIVER:

- A. **Authority to Enter into Contract.** The Contractor represents and warrants that it has full authority to enter into and perform its obligations under the Contract and that the Contract constitutes a legal, valid, and binding obligation upon the Contractor in accordance with its terms. The representatives of the parties hereto also represent and warrant that they are authorized to sign this Contract on behalf of each party hereto.”
- B. **Solicitation.** The Contractor warrants that no person or selling agency (except bona fide employees or selling agents maintained for the purpose of securing business) has been employed or retained to solicit and secure the Contract upon an agreement or understanding for commission, percentage, brokerage or contingency.
- C. **Vehicles and Equipment.** With the exception of any specified County Owned Equipment and Vehicles listed herein, Contractor warrants that no Contractor employees, sub-contractors or others will ~~not~~ use County owned vehicles or equipment in the performance of this Contract without express written consent. Contractor shall be responsible for providing all transportation necessary to deliver Services under the Contract.

ARTICLE # 120 – INTELLECTUAL PROPERTY RIGHTS and OWNERSHIP:

Contractor agrees it will not use the name or any intellectual property, including but not limited to, County trademarks or logos in any manner, including commercial advertising or as a business reference, without the expressed prior written consent of the County.

ARTICLE # 121 - COMPENSATION:

- A. The County will pay the Contractor for the Services provided pursuant to this Contract and in accordance with the prices quoted and conditions set forth in the Bidder's response on Exhibit C – Mandatory Cost Proposal Worksheet, which is attached hereto and incorporated into this Contract as if fully set forth herein. Payments will be made monthly in arrears to the Contractor after acceptance of the Contractor's delivered Services by the County, and after receipt of undisputed invoice to the County.
- B. Prices quoted shall be firm and fixed throughout the term of this Contract, unless otherwise Amended or Modified by mutual agreement.
- C. Cost may be prorated for Services added or removed under this Contract to align cost with the remaining term of Contract.
- D. It is understood that this bid or proposal is made without collusion or fraud. Contractor understands and acknowledges that collusive bidding is a violation of state and federal law and may result in the cancellation of the Contract.

ARTICLE # 122 - COUNTY PAYMENT TO CONTRACTOR:

- A. The County will issue a Notice to Proceed (NTP) to the Contractor, and Purchase Order(s) (herein after 'PO'). The terms of this Contract shall be incorporated by reference into any and all PO(s) issued prior to the expiration or termination of this Contract. The County will issue the PO by electronic mail (e-mail) to the Contractor's representative in *ARTICLE #103 - NOTICES*. A PO is considered "issued" when the e-mail containing the PO is sent by the County to the Contractor.

The Contractor shall not deliver any Services, equipment, devices, or components thereof until authorized in writing by the County through issuance of a PO, which shall provide a commencement Notice to Proceed date. Any work, including but not limited to travel, preliminary meetings, planning, etc., performed outside of the terms and conditions of and before the issuance of the PO will not be considered for payment. Contractors are not to begin work or ship any product on any verbal communication from within the County. The County will not be liable for payment for any work or product with the issuance of a verbal communication.

The Scope of Services shall remain in effect from the Notice to Proceed to completion of the project. The Parties agree that the County will not pay or otherwise compensate the Contractor for any Services, materials, equipment, devices or components thereof outside of the Scope of Work and/or beyond the term of this Contract, unless specifically authorized in writing as evidenced by an

amendment (see *ARTICLE #106 - CONTRACT AMENDMENTS &, MODIFICATION*), a time extension letter, or as otherwise authorized by the County.

B. Invoice/Payment.

1. Contractor shall invoice the County via email each month solely to accounts payable@hallcounty.org and only after the County inspects and accepts the Services provided. Receipt of the Services does not constitute acceptance. Invoice amounts shall not exceed the Contractor's pricing set forth in *ARTICLE #102*.
2. Each invoice shall include the Contractor's current "Remit to" address; a description of the Services provided; the invoice amount; the Contract number; and the associated PO number issued. Each properly prepared invoice must be sent in accordance with the instructions listed on the PO. Standard payment terms are net 30 days (N30) in arrears from the date the invoice is accepted, following delivery of the Services.
3. The County does not pay for services not yet received but only in arrears.
4. The Contractor shall be solely responsible for paying all costs, expenses and charges it incurs in connection with its performance under the Contract.

C. Unsatisfactory Performance; Delay of Payment.

1. If the County determines that the quality of the Services provided are deficient, unacceptable, or unsatisfactory, the County's Project Manager identified in *ARTICLE #103* shall issue a written notice to Contractor. Contractor agrees that upon receipt of the written notice, it shall make every effort to correct the deficiency (ies) within the timeframe prescribed therein. If the Contractor fails to timely correct the deficiencies, the County reserves the right to delay or deny payment pursuant to this *ARTICLE #122* or terminate the Contract (*ARTICLE #108 – TERMINATION PROVISIONS*).
2. **Delay of Payment Due to Contractor's Failure.** If the County determines that the Contractor has failed to perform or deliver any Services as required by the Contract, the Contractor shall not be entitled to any compensation under the Contract until such Services are delivered and accepted. In this event, the County may withhold that portion of the Contractor's compensation, which represents payment for Services that were not delivered. To the extent that the Contractor's failure to perform or deliver in a timely manner causes the County to incur costs, the County may deduct the amount of such incurred costs as liquidated damages from any amounts payable to Contractor. The County's authority to deduct such incurred costs shall not in any way affect the County's authority to terminate the Contract.

D. Set-Off Against Sums Owed by the Contractor. In the event that the Contractor owes the County any sum under the terms of the Contract, pursuant to any

judgment, or pursuant to any law, the County may set off the sum owed by the Contractor against any sum owed to the Contractor, in the County's sole discretion.

- E. **Final Payment.** Contractor shall issue an invoice for final payment to the County no later than thirty (30) days following the expiration or termination date of the Contract.
- F. The Contractor must not "Factor or Assign Payments" to another or a financial institution. The County will only pay the party to whom it is contracted with. The County will not in any circumstances pay a third-party.

ARTICLE #123 – PERFORMANCE AND PAYMENT BONDS

The Contractor must furnish to the County both a Performance and Payment Bond, both equal to one-hundred percent (100%) of the Contract's total initial award dollar amount. The County will only issue a Notice-to-Proceed after the bonds are received. Only surety companies licensed to do business in the State of Georgia are acceptable. The Contractor is required to provide new bonds at the issuance of each Renewal Option Term(s) or Extension(s) that follow.

The Contractor must provide all required bonding instruments to the County prior to commencement of any work. The County will consider any work done prior to the receipt of bonding instruments as null-and-void and thus not eligible for compensation.

ARTICLE #124 – RETAINAGE

The County will retain (if required) funds to be withheld from compensation in compliance with Georgia law. Hall County may hold up to five-percent (5%) retainage throughout the entire project and will release said retainage at the point of completion and final acceptance by the County.

ARTICLE #125 – VENUE AND GOVERNING LAW

The parties agree that this Contract shall be interpreted, construed, and enforced in accordance with the laws of the State of Georgia. To the extent that either party may bring a legal suit to enforce the terms of this Contract, including suit in equity, the parties agree and consent to file any such suit in the Superior Court of Hall County, Georgia.

ARTICLE # 126 - NOTICE OF INTENT TO LITIGATE

Contractor hereby agrees not to file any civil action of disputes or claims relating to the Contract except after first giving thirty days (30) written notice to the County of the claim and the intent to initiate a civil action.

ARTICLE # 127- GEORGIA SECURITY AND IMMIGRATION COMPLIANCE ACT (E-Verify):

- A. By signing this Contract, the Contractor certifies that prior to and throughout the performance of all applicable work under this Contract it will remain in full compliance with all federal and state immigration laws, including but not limited to 8 U.S.C. § 1324a and the Georgia Security and Immigration Compliance Act (O.C.G.A. §13-10-90 et seq.), as amended by the Illegal Immigration Reform and Enforcement Act of 2011, regarding the verification of employment eligibility of employees under the Immigration Reform and Control Act of 1986. Contractor will ensure that only persons who are citizens or nationals of the United States or non-citizens authorized under federal immigration laws are employed to perform services under this Contract or any subcontract or sub-subcontract hereunder.

- B. Contractor further certifies its compliance with the aforementioned federal and state immigration laws set forth by signing a sworn affidavit, the Georgia Security and Immigration Compliance Act Affidavit, notarized by an Official Notary Public, and obtaining the same affidavits from any sub-contractor providing services pursuant to this Contract.

ARTICLE # 128 – ORDER OF PRECEDENCE:

In the event of any inconsistency, ambiguity, or conflict among the specific provisions of the Contract and the Contractor's Response, the order of precedence shall be as follows:

- A. First, any amendments to the Contract, including all Exhibits thereto.
- B. Second, the Contract itself, including all Exhibits thereto.
- C. Third, Attachments appended to the Contract.

ARTICLE # 129– CONTRACT EXHIBITS AND ATTACHMENTS:

The Parties mutually acknowledge that all Exhibits and Attachments listed below made a part of this Contract, as though expressly written in the IFB documents and the bidder's response, are herein-incorporated into this contract by reference.

ARTICLE # 130 - ENTIRE CONTRACT:

This Contract, as executed and approved, shall constitute the entire agreement between the Parties and supersedes all other prior and contemporaneous statements, agreements, and understandings between the Parties. No written or oral statements, agreements, or understandings that are not set out, referenced, or specifically incorporated in this Contract shall in any way be binding or of effect between the Parties.

ARTICLE # 131– VALIDITY

If any paragraph, sub-paragraph, sentence, clause, phrase or any portion of this agreement shall be declared invalid or unconstitutional by any Court of competent jurisdiction or if the provisions of any part of this agreement as applied to any particular situation or set of circumstances shall be declared invalid or unconstitutional, such invalidity shall not be constructed to affect the portions of this agreement not so held to be invalid or the application of this agreement to other circumstances not so held to be invalid. The parties hereby declare that this is the intent of the parties to this agreement is to provide for separate and divisible parts.

ARTICLE #132 – SALES TAX EXEMPTION STATUS

The County is exempt from Federal Excise Taxes and from Georgia State and Local Sales and Use Taxes on the Services. The Contractor may request a copy of the County's Georgia Sales and Use Tax Exemption Certificate.

ARTICLE #133 – HOLD HARMLESS AGREEMENT

The successful respondent hereby agrees to indemnify, hold free and harmless, Hall County Government, County Commissioners, its agents, servants, employees, officers, directors and elected officials, or any other person(s) against any loss or expense. This includes attorney fees, because of any liability imposed by law upon the County, except in cases of the County's sole negligence, sustained by any person(s) on account of bodily injury or property damage arising out of or in the consequence of this agreement.

ARTICLE # 134 – CONTRACT TERMS AND CONDITIONS

1. All purchases must comply with The Official Code of Hall County Sections 3.10.010 – 3.10.190.
2. If any conflict or ambiguity arises between the Terms and Conditions herein, and The Official Code of Hall County, the latter will govern.
3. The Terms and Conditions set forth herein shall supersede and govern over all Contractor's Terms and Conditions or Service Level Agreements.
4. Hall County, Georgia, herein referred to as 'The County', retains the right to 'red-line' sections of the Supplier's Terms and Conditions if such are in conflict with the best interest of the County.
5. Acceptance of a Purchase Order (PO) and delivery of Goods or Services serves as the Supplier's full and complete acceptance of The County's Terms and Conditions.
6. The terms; supplier, vendor, bidder, offeror, Contractor, Contractor, designer, distributor, dealer or manufacturer or otherwise purveyor or source of supply or performance of service shall mean one-and-the-same, herein denoted as 'Supplier' for goods and 'Contractor' for services.
7. Furthermore, the terms; goods, materials, commodities, components, drawings, drafts, renderings, plans, physical or digital, software, SaaS, Engineering, Architectural, capital asset equipment, vehicles, heavy earth-moving or other equipment, purchased or leased, or other such deliverables are herein denoted as 'Goods' and shall mean one-and-the-same.

8. 'Services' shall mean all services, either financial, advisory, consultative, labor, staff augmentation, construction, rehabilitation, restoration, repair, support or maintenance, communication, telephony, internet, TV or streaming, pest control, grounds maintenance, custodial and janitorial, street or paved surfaces cleaning, drain cleaning or otherwise where services are offered for consideration.
9. The County's payment terms are Net 30 days.
10. The Supplier shall transfer and deliver all goods or services described on the attached PO for the consideration set forth herein.
11. The Supplier shall only deliver goods and services as described on the PO and within the Scope of Work and the Supplier's Bid Response.
12. The County holds no obligation to pay for goods delivered or services rendered unless specified on a written Purchase Order or a Change Order of such.
13. The Supplier shall not construe any verbal consent to purchase goods or services as valid.
14. The County does not accept substitutions of services or goods that do not comply with the Scope of Work or Specifications set forth in the Purchase Order, Contract or Agreement, unless mutually agreed in writing by both parties.
15. The County does not accept automatic contract renewals with the exception of monthly subscription services.
16. The County only pays for services rendered in arrears. The County does not pay for services not yet rendered.
17. The County does not pay deposits towards goods ordered. Exceptions exist for custom made items (such as window coverings and blinds, or carpet, tile etc.), fabrication, decoration, or otherwise custom designed specifically for the County.
18. The County will accept backorders only if goods are out of stock and with prior written notice. Supplier's shall ship all quantities that it has in stock and hold orders for backorders.
19. The County participates in Cooperative Purchasing Agreements, State of Georgia Statewide Contracts, and other state, local, Intergovernmental Agreements, Memorandums-of-Understanding and other such Agreements.
20. In all cases, the jurisdiction shall be the State of Georgia, County of Hall, for arbitration or other legalities
21. Deliveries go to the ship-to addresses listed on the PO and within the time specified. The Supplier must follow instructions if multiple ship-to address exist on the PO.
22. Risk of loss of the goods shall pass to The County upon inspection and acceptance only.
23. Receipt of goods or services does not constitute acceptance.
24. Title to the goods shall remain with the Supplier until acceptance by The County.
25. The Supplier warrants that the goods are merchantable and that the Supplier has a legal right to deliver the goods and services and as described herein.
26. The County shall have the right to inspect all goods or services at the time and place of delivery.
27. Vendor agrees not to assign in full or part of the Contract to another party without the County's express written consent. Any attempted assignment or delegation shall void and make ineffectual for all purposes unless made in conformity with this paragraph.
28. The County is exempt from Federal Excise Tax and Georgia Sales and Use Tax.
29. This issuance of the PO shall not violate the Code of Ethics and Conflicts of Interest for Public Officers and Employees for Government Service set forth in the 2020 Section 45-1020 *et seq.* of the Official Code of Georgia Annotated and the Official Code of Hall County Section 3.10.070 governing Ethics.

30. All goods and services supplied pursuant to this PO shall, unless otherwise noted, must conform exactly to all of the descriptions, specifications, Exhibits and attachments contained in the Bid Solicitation upon which a PO is based and all the terms, conditions, and specifications of the Bid Solicitation are incorporated herein by reference and made a part hereof.
31. Any-and-all media production, recordings, videos, photography, artwork, plates, engravings, and other printed or digital media materials paid in full by The County is considered County property and shall be delivered to The County upon request.
32. Invoices submitted to The County will reflect the language of the PO with the PO Number printed on each invoice submitted.
33. In the event that a PO has an attached Contract or Agreement, the terms and conditions of the latter shall govern in the event of any conflict with these terms and conditions.
34. The Supplier may be suspended, terminated, or debarred if it is determined that the Supplier has made false certification(s) or has violated such certification(s) by failure to carry out the requirements herein.
35. The Supplier certifies that it and its subcontractors are not been debarred, suspended, or declared ineligible by any agency of the County, or State of Georgia or as defined in the Federal Acquisition Regulation (FAR) 48 C.F.R. Ch. 1 Subpart 9.4.
36. The Supplier certifies that the Supplier is not currently engaged in an active or pending lawsuit or other grievance, injunction, or levy against the County.
37. Goods are Free-On-Board (F.O.B.) destination and freight, shipping and delivery shall be pre-paid and added to the invoice as a separate line item.
38. The County does not pay late fees nor interest charges.
39. The Supplier shall charge the County the exact amount of freight, delivery, handling and insurance charges.
40. The County is not bound to any minimum or maximum quantity or dollar amount set by the Supplier
41. In the event there is a discrepancy between the unit price and extended price, the unit price shall govern.

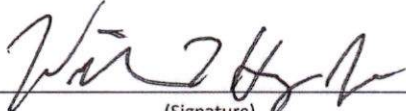
[Signature Page Follows]

IN WITNESS WHEREOF, said Parties have hereunto affixed their signature and seal on the day, month, and year first above written:

COMPANY'S FULL LEGAL NAME

Morgan Corp.

HALL COUNTY, GEORGIA

By: 
(Signature)

Print Name: William F. Heape Jr

Title: Vice President of Spartanburg Division

By: _____

Richard Higgins, Chairman
Hall County Board of Commissioners


Date: _____

Sworn to and subscribed before me this

19 Day of October, 2023

Attestment: _____

County Clerk

Notary Public: 

Approved as to Form


William J. Linkous III, County Attorney

Notary commission expires: 6/8/28

[Locus Sigilli – Seal or Stamp]





Hall County Government
FINANCIAL SERVICES

EXHIBIT C

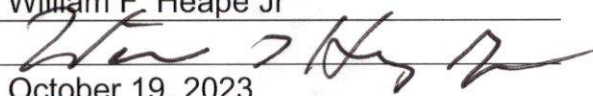
IFB # 024-44

Hall County Candler Road Landfill Cell
Construction

POST OFFICE DRAWER 1435
GAINESVILLE, GA 30503

t: 770.535.8270 | f: 770.531.6711

DIRECTOR
Wesley Geddings

Company Name: Morgan Corp.
Bidder's Name: William F. Heape Jr
Bidder's Signature: 
Date: October 19, 2023

ARTICLE 1 - BID PRICE

BIDS WILL BE RECEIVED ON A LUMP SUM BASIS WITH UNIT PRICE ADJUSTMENTS.

A. The work by the Contractor includes but is not limited to, furnishing and paying for all materials, labor, transportation, and services necessary to complete the following:

G-1 Mobilization

G-1 Mobilization shall include all costs associated with: Contractor's mobilization to and demobilization from the site including all health and safety related costs; temporary barriers, temporary controls, temporary utilities, temporary haul roads, temporary field offices, and other structures required for office and storage space required by the Contractor; attending all of Engineer and Owner required meetings and submitting all required submittals, insurance, bonds, all items not specified below but required under the Contract Documents, and all other incidental and associated costs required to complete the work of G-1 Mobilization. Payment for item G-1 shall be made on a lump sum basis.

G-2 Erosion and Sediment Control

G-2 Erosion and Sediment Control shall include all costs associated with: Construction, installation, and application of all BMPs in accordance with the project E&SC Plan. Erosion and sediment controls shall include cost for installation and maintenance of silt fence, seeding and mulching of disturbed areas dust control, litter control and check dams, temporary storage ponds and associated best management practices, associated hardware and appurtenances, all items not specified above but required under the Contract Documents, and all other incidental and associated costs required to complete the work of G-2 Erosion and Sediment Control. Payment for item G-2 shall be made on a lump sum basis.

G-3 Clearing and Grubbing

G-3 Clearing and grubbing shall include all costs associated with:

All trees not marked for preservation and all snags, logs, brush, stumps, shrubs, rubbish, and similar materials shall be cleared from within the limits of the designated areas.

Unless otherwise specified, all stumps, roots, and root clusters that have a diameter of 1 inch or larger shall be grubbed out, all items not specified above but required under the Contract Documents, and all other incidental and associated costs required to complete the work. Payment for item G-3 shall be made on a lump sum basis.

G-4 Excavation of Material from Cell 3 Footprint for Placement and Grading in Stockpile in Future Cell 5 and Stockpile B

G-4 Excavation of material from Cell 3 footprint and placement for grading in stockpile shall include all costs associated with:

Soil excavation that is removed from future Cell 3 landfill footprint and hauled to future Cell 5 or Stockpile B for placement as compacted fill to establish future Cell 5 grades or expand the public drop off storage area. Payment shall be made for the excavation, hauling, placement, compacting and grading of the fill material within the future Cell 5 footprint and Stockpile B. Contractor shall survey the Existing Conditions (which includes the future Cell 5 footprint and public drop off area) and the grades after placement of material in the future Cell 5 footprint and public drop off area. Placed material shall not include waste rock material. G-4 shall also include all items not specified above but required under the Contract Documents, including but not limited to dust control and all other incidental and associated costs required to complete the work. Payment for item G-4 shall be made on a lump sum basis.

G-5 Excavation of Material from Cell 3 Footprint for Stockpile A, Phase 1 and Future Cell 4 Footprint

G-5 Excavation of Material from Cell 3 Footprint for Stockpile A, Phase 1 and Future Cell 4 Footprint shall include all costs associated with:

Soil excavation that is removed from future Cell 3 landfill footprint and hauled to future Cell 4 or Stockpile A. Material shall be stockpiled without compaction or grading. Payment shall be made for the excavation, hauling, placement, material within the future Cell 5 footprint and Stockpile B. Topsoil excavated as part of the work shall be placed on Phase 1 for the Owner to use as topsoil on the inactive Phase 1 landfill cell. Placed material shall not include waste rock material. G-5 shall also include all items not specified above but required under the Contract Documents, including but not limited to dust control and all other incidental and associated costs required to complete the work. Payment for item G-5 shall be made on a lump sum basis.

G-6 Contingency for Rock Hammering

G-6 Contingency for rock hammering shall include all costs associated with:

Costs associated with rock hammering, removal and stockpiling on Site rock material exposed as part of excavation of Cell 3. Cost shall include hammering, scraping, removing, transport, and stockpile of rock material on site. Rock material deemed unsuitable for crushing or screening shall be removed from site as waste material. Extent of rock shall be measured by taking a survey of top of rock after soil has been removed from Cell 3. An additional survey shall be conducted after design grades have been reached to determine extent of rock removed. Contractor to assume a cubic yard volume of 10,000 CY of rock encountered and provide a costs for lump sum payment. Actual costs for rock removal to be adjusted as per the unit rate and survey provided.

G-7 Supply and Installation of Underdrain

G-7 Supply and installation of underdrain shall include all costs associated with:

HDPE pipe, bends, reducers, couplings, welding as specified in Contract Documents, valves, lids, excavation, shoring, dewatering, backfilling, compaction, pipe bedding material, fittings, testing, bentonite blocks, all items not specified above but required under the Contract Documents and all other incidental and associated costs required to complete the work of G-7 supply and installation of underdrain. Costs associated with any traffic management, detours, signage or road maintenance shall be included under this item. Payment for Item G-7 shall be made on a lump sum basis.

G-8 Construction of Recompacted Soil Liner

G-8 Construction of recompacted soil liner shall include all costs associated with: subgrade preparation, excavating, transporting, placing, compacting all recompacted soil as indicated in the Contract Documents; all items not specified above but required under the Contract Documents, and all other incidental and associated costs required to complete the work. Payment for item G-8 shall be made on a lump sum basis.

G-9 Supply and Install of GCL

G-9 Supply and install of GCL shall include all costs associated with:

Installation, testing, construction quality assurance and control, construction of liner termination of GCL, associated hardware and appurtenances, scrap material all items not specified above but required under the Contract Documents, and all other incidental and associated costs required to complete the work. Payment shall be lump sum based on area of installation from 3D surface of design grading within the limits of liner as shown on the contract drawings.

G-10 Supply and Installation of HDPE Geomembrane

G-10 Supply and installation of HDPE geomembrane shall include all costs associated with: Supply, installation, testing, construction quality assurance and control of 60-mil textured High Density Polyethylene (HDPE) liner to the liner termination trench, associated hardware and appurtenances, scrap material all items not specified above but required under the Contract Documents, and all other incidental and associated costs required to complete the work. Payment shall be lump sum based on area of installation from 3D surface of design grading within the limits of liner as shown on the contract drawings.

G-11 Supply and Installation of Leachate Collection Layer

G-11 Supply and Installation of Leachate Collection Layer shall include all costs associated with:

Supply, transport, placement, grading, testing, and all items not specified above, all other incidental and associated costs required under Contract Documents to install the leachate collection layer. Payment for Item G-11 shall be on a lump sum basis.

G-12 Supply and Installation of HDPE Leachate Collection Pipework

G-12 Supply and Installation of HDPE Leachate Collection Pipework shall include all costs associated with:

Supply, fabrication, installation, testing, construction quality assurance, and control of the sump, HDPE collection pipework, sideslope riser and cleanout pipe, elbows, bends, geotextile, drainage aggregate and all other incidental and associated costs required to complete the work of G-12. Payment for this item shall be on a lump sum basis.

G-13 Supply and Installation of HDPE Leachate Forcemain and Manholes

G-13 Supply and Installation of HDPE Leachate Forcemain and Manholes shall include all costs associated with:

HDPE pipe, bends, reducers, couplings, welding as specified in Contract Documents, valves, lids, HDPE manholes, coordination with road construction, excavation, shoring, dewatering, backfilling, compaction, pipe bedding material, fittings, testing, thrust blocking, concrete encasing, all items not specified above but required under the Contract Documents and all other incidental and associated costs required to complete the work of G-13 Leachate Force Main. Costs associated with any traffic management, detours, signage or road maintenance shall be included under this item. Payment for Item G-13 shall be made on a lump sum basis.

G-14 Construct Concrete Stormwater Channel

G-14 Construct Concrete Stormwater Channel shall include all costs associated with:

Grading, shoring, dewatering, concrete stormwater impact basins, supply, install, grading, vibration, protecting, and all item not specified above but required under the Contract Documents, and all other incidental and associated costs required to complete the work. Payment for item G-14 shall be made on a lump sum basis.

G-15 Stormwater Management

G-15 Stormwater Management shall include all costs associated with:

Construction, installation, testing, construction quality assurance, and control of reinforced concrete pipe, turf reinforcement matting, stormwater conveyance structures, flared end sections, geotextile for underlayment, rip rap for stormwater applications, all necessary fittings, sealents, hardware, conenctions and appurtenances, all items no specified above but required under the Contract Documents and all other incidental and associated costs required to complete stormwater management work. Payment for G-15 shall be made on a lump sum basis.

G-16 Construction of Cell 3 Haul Road

G-16 Construction of Cell 3 haul road shall include all costs associated with:

Subgrade preparation, supply and install of geotextile, road base, compacting, grading and quality control testing materials as indicated in the Contract Documents; all items not specified above but required under the Contract Documents, and all other incidental and associated costs required to complete the work. Payment for item G-16 shall be made on a lump sum basis.

G-17 Supply and Install New Litter Fence

G-17 Supply and install new litter fence shall include all costs associated with:

Supply, excavating, transporting, installing, all items not specified above but required under the Contract Drawings, and all other incidental and associated costs required to complete the work. Payment for item G-17 shall be made on a lump sum basis.

G-18 Install 7 New Groundwater Wells and 3 New Gas Migration Probes

G-18 Install 7 new groundwater wells and 3 new gas migration probes shall include all costs associated with:

Drilling to depths shown on the contract drawings, well casing, well piping, bentonite, filter pack, cement, pea gravel, point marker, removing spoils, developing wells, placing bollards, grading concrete well apron and all other incidental and associated costs required to complete the work. Payment for item G-18 shall be on a lump sum basis.

E-1 Supply and Install Conduit for Low and Medium Voltage Conductors

E-1 Supply and Install Conduit for Low and Medium Voltage Conductors shall include all costs associated with:

Excavation, supply and install of all conduit, backfill, concrete, reinforcement, coordination with electrical utility for service, meter, pull boxes, and other miscellaneous items as may be necessary to complete operational electrical and control facilities shall be included under E-1. Payment for item shall be on a lump sum basis.

E-2 Supply and Install New Pump and Controls for Cell 3 Sumps 1 and 2

E-2 Supply and install new pump and controls for Cell 3 sumps 1 and 2 shall include all costs associated with:

Power panel, junction boxes, switches, connection of system electrical components to new pump, pump cables, piping and brackets, anchor bolts, valves, expansion sleeves, surge protection, power monitor, motor starter, transducers, programming, and all other miscellaneous items as may be necessary for complete operational electrical and control facilities. Payment for Item E-2 shall be on a pump sum basis.

B. Bidder will complete the Work in accordance with the Contract Documents for the following price(s):

C. LUMP SUM BID PRICE:

[Thirteen Million Nine Hundred Ninety Four Thousand Seven Hundred Seventy Seven

_____] dollars [\$ 13,994,777.00]

D. For the purpose of Bid evaluation, the Bid is to be itemized as follows on the Bid Schedule on the following page. Total of Bid Schedule itemized prices must equal Lump Sum Bid Price above. Bidders must complete all items.

| BID SCHEDULE | | |
|----------------------------------|--|----------------------|
| ITEM # | DESCRIPTION | TOTAL PRICE |
| G-1 | Mobilization | 825,000.00 |
| G-2 | Erosion and Sediment Control | 750,000.00 |
| G-3 | Clearing and Grubbing | 469,000.00 |
| G-4 | Excavation of Material from Cell 3 Footprint for Placement and Grading in Stockpile in Future Cell 5 and Stockpile B | 1,150,000.00 |
| G-5 | Excavation of Material from Cell 3 Footprint for Stockpile A, Phase 1 and Future Cell 4 | 1,100,000.00 |
| G-6 | Contingency for Rock Hammering | 455,000.00 |
| G-7 | Supply and Installation of Underdrain | 640,000.00 |
| G-8 | Construction of Recompacted Soil Liner | 502,000.00 |
| G-9 | Supply and Installation of GCL | 821,000.00 |
| G-10 | Supply and Installation of HDPE Geomembrane | 687,000.00 |
| G-11 | Supply and Installation of Leachate Collection Layer | 3,950,000.00 |
| G-12 | Supply and Installation of HDPE Leachate Collection Pipework | 678,000.00 |
| G-13 | Supply and Installation of HDPE Leachate Forcemain and Manholes | 318,000.00 |
| G-14 | Construct Concrete Stormwater Channel | 88,000.00 |
| G-15 | Stormwater Management | 227,000.00 |
| G-16 | Construction of Cell 3 Haul Road | 480,000.00 |
| G-17 | Supply and Install New Litter Fence | 318,777.00 |
| G-18 | Install 7 New Groundwater Wells and 3 New Gas Migration Probes | 125,000.00 |
| E-1 | Supply and Install Conduit for Low and Medium Voltage Conductors | 325,000.00 |
| E-2 | Supply and Install New Pump and Controls for Cell 3 Sumps 1 and 2 | 86,000.00 |
| TOTAL LUMP SUM BID PRICE: | | 13,994,777.00 |

- E. Schedule of Adjustment Unit Prices: In the event the Work indicated or specified in the Contract Documents is increased or decreased, the Lump Sum Bid Price set forth above shall be increased or decreased in accordance with the following Unit Prices. Adjustment Unit Prices are subject to acceptance by Owner, and rejection of one or more Adjustment Unit Prices will not invalidate acceptance of this Bid. Change orders for items identified in the Bid Schedule shall be as per the unit rates identified in the Schedule of Adjustment Unit Prices below. Bidders must complete all items.

| SCHEDULE OF ADJUSTMENT UNIT PRICES | | | | |
|------------------------------------|--|----------|------|------------|
| ITEM # | DESCRIPTION | QUANTITY | UNIT | UNIT PRICE |
| G-4 | Clearing and Grubbing | 30.0 | ACRE | 6,000.00 |
| G-5 | Excavation of Material from Cell 3 Footprint for Placement and Grading in Stockpile in Future Cell 5 and Stockpile B | 183,000 | CY | 7.50 |
| G-6 | Excavation of Material from Cell 3 Footprint for Stockpile A and Future Cell 4 | 211,250 | CY | 6.25 |
| G-7 | Contingency for Rock Hammering | 10,000 | CY | 45.00 |
| G-8 | Supply and Installation of Underdrain | 4,190 | LF | 140.00 |
| G-9 | Construction of Recompacted Soil Liner | 53,300 | CY | 8.50 |
| G-10 | Supply and Installation of GCL | 79,900 | SY | 10.00 |
| G-11 | Supply and Installation of HDPE Geomembrane | 79,900 | SY | 8.00 |
| G-12 | Supply and Installation of Leachate Collection Layer | 53,300 | CY | 75.00 |
| G-13 | Supply and Installation of 6" HDPE Leachate Collection Pipework | 7,400 | LF | 80.00 |
| G-14 | Supply and Installation of HDPE 3" X 6" Leachate Forcemain | 1,600 | LF | 140.00 |
| G-15 | Construct Concrete Stormwater Channel | 1,650 | LF | 50.00 |
| G-17 | Supply and Install New Litter Fence | 1,700 | LF | 175.00 |

- F. SUPPLIERS/MANUFACTURERS: This Bid is based upon furnishing and installing major items of Equipment by the following Suppliers/manufacturers:

| No. | Item | Supplier/Manufacturer |
|-----|-----------------|--------------------------|
| 1 | GCL | SOLMAX |
| 2 | FML/GEOMEMBRANE | SOLMAX |
| 3 | GEOTEXTILE | CORE & MAIN |
| 4 | SEEDING | CRENSHAW EROSION CONTROL |
| 5 | HDPE PIPE | FLYING W PLASTICS, INC. |

| | | |
|---|------------------------|--------------------------------|
| 6 | RCP | <u>FOLEY CONCRETE PRODUCTS</u> |
| 7 | LEACHATE PUMP/CONTROLS | <u>GUNNCO</u> |
| 8 | LITTER FENCE | <u>NETTINGSWILDER</u> |

G. SUBCONTRACTORS: This Bid is based upon use of the following Subcontractors:

| No. | Item | Subcontractor |
|-----|---------------------------|-----------------------------------|
| 1 | Earthwork (if not Bidder) | <u>MORGAN CORP.</u> |
| 2 | Liner Installer | <u>CHESAPEAKE CONTAINMENT</u> |
| 3 | HDPE Pipe Installer | <u>MORGAN CORP.</u> |
| 4 | Surveyor | <u>MORGAN CORP.</u> |
| 5 | Electrical Subcontractor | <u>MORGAN CORP.</u> |
| 6 | Driller | <u>GEOLOGIC EXPLORATION, INC.</u> |

Morgan Corp. revised cost proposal minus Line-Item G-17 Litter Fence.
 January 8, 2024.

Project: Phase II - Cell 3 Construction
Location: Hall County Candler Road Landfill

Bidder: Morgan Corp.
Address: 1800 E Main St
City/State/Zip: Duncan, SC
 29334
Phone No.: 864-433-8800

| Item No. | Description | Total Price |
|----------|--|-----------------|
| G-1 | Mobilization | \$ 825,000.00 |
| G-2 | Erosion and Sediment Control | \$ 750,000.00 |
| G-3 | Clearing and Grubbing | \$ 469,000.00 |
| G-4 | Excavation of Material from Cell 3 Footprint for Placement and Grading in Stockpile in Future Cell 5 and Stockpile B | \$ 1,150,000.00 |
| G-5 | Excavation of Material from Cell 3 Footprint for Stockpile A, Phase 1 and Future Cell 4 | \$ 1,100,000.00 |
| G-6 | Contingency for Rock Hammering | \$ 455,000.00 |
| G-7 | Supply and Installation of Underdrain | \$ 640,000.00 |
| G-8 | Construction of Recompacted Soil Liner | \$ 502,000.00 |
| G-9 | Supply and Installation of GCL | \$ 821,000.00 |
| G-10 | Supply and Installation of HDPE Geomembrane | \$ 687,000.00 |
| G-11 | Supply and Installation of Leachate Collection Layer | \$ 3,950,000.00 |
| G-12 | Supply and Installation of HDPE Leachate Collection Pipework | \$ 678,000.00 |
| G-13 | Supply and Installation of HDPE Leachate Forcemain and Manholes | \$ 318,000.00 |
| G-14 | Construct Concrete Stormwater Channel | \$ 88,000.00 |
| G-15 | Stormwater Management | \$ 227,000.00 |
| G-16 | Construction of Cell 3 Haul Road | \$ 480,000.00 |
| G-17 | Supply and Install New Litter Fence | \$ - |
| G-18 | Install 7 New Groundwater Wells and 3 New Gas Migration Probes | \$ 125,000.00 |
| E-1 | Supply and Install Conduit for Low and Medium Voltage Conductors | \$ 325,000.00 |
| E-2 | Supply and Install New Pump and Controls for Cell 3 Sumps 1 and 2 | \$ 86,000.00 |

TOTAL LUMP SUM BID PRICE **\$ 13,676,000.00**

Document A310™ – 2010

Conforms with The American Institute of Architects AIA Document 310

Bid Bond

CONTRACTOR:

(Name, legal status and address)

Morgan Corp.
1800 East Main Street
Duncan, SC 29334

SURETY:

(Name, legal status and principal place of business)

Travelers Casualty and Surety Company of America

One Tower Square
Hartford, CT 06183
Mailing Address for Notices
Same as Above

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

OWNER:

(Name, legal status and address)

Hall County, Georgia

GA

BOND AMOUNT: 5% Five Percent of Amount Bid

PROJECT:

(Name, location or address, and Project number, if any)

Hall County Candler Road Landfill Cell 3; IFB 024-44

The Contractor and Surety are bound to the Owner in the amount set forth above, for the payment of which the Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, as provided herein. The conditions of this Bond are such that if the Owner accepts the bid of the Contractor within the time specified in the bid documents, or within such time period as may be agreed to by the Owner and Contractor, and the Contractor either (1) enters into a contract with the Owner in accordance with the terms of such bid, and gives such bond or bonds as may be specified in the bidding or Contract Documents, with a surety admitted in the jurisdiction of the Project and otherwise acceptable to the Owner, for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof; or (2) pays to the Owner the difference, not to exceed the amount of this Bond, between the amount specified in said bid and such larger amount for which the Owner may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect. The Surety hereby waives any notice of an agreement between the Owner and Contractor to extend the time in which the Owner may accept the bid. Waiver of notice by the Surety shall not apply to any extension exceeding sixty (60) days in the aggregate beyond the time for acceptance of bids specified in the bid documents, and the Owner and Contractor shall obtain the Surety's consent for an extension beyond sixty (60) days.


If this Bond is issued in connection with a subcontractor's bid to a Contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

When this Bond has been furnished to comply with a statutory or other legal requirement in the location of the Project, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

Signed and sealed this 19th day of October, 2023.

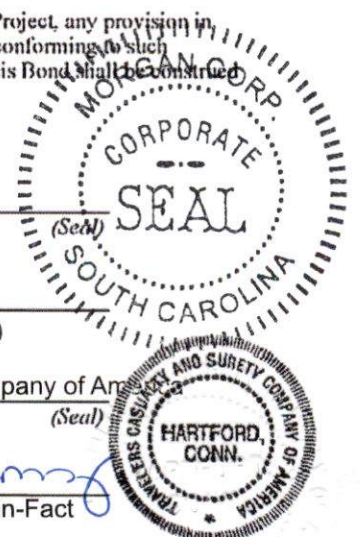

(Witness) Christa Allen

Morgan Corp.
(Principal)

By: 
(Title) Elizabeth R. Epps, CFO

Travelers Casualty and Surety Company of America
(Surety)

By: 
(Title) Angela D. Ramsey, Attorney-in-Fact





Travelers Casualty and Surety Company of America
Travelers Casualty and Surety Company
St. Paul Fire and Marine Insurance Company
Farmington Casualty Company

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, St. Paul Fire and Marine Insurance Company, and Farmington Casualty Company are corporations duly organized under the laws of the State of Connecticut (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint Angela D. Ramsey of Charlotte, NC, their true and lawful Attorney(s)-in-Fact to sign, execute, seal and acknowledge the following bond:


Surety Bond No.: Bid Bond **Principal:** Morgan Corp.
OR **Obligee:** Hall County, Georgia
Project Description: Hall County Candler Road Landfill Cell 3; IFB 024-44

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed, and their corporate seals to be hereto affixed, this 21st day of April, 2021.



State of Connecticut

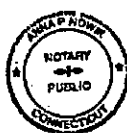
City of Hartford ss.

By: 
 Robert L. Raney, Senior Vice President

On this the 21st day of April, 2021, before me personally appeared Robert L. Raney, who acknowledged himself to be the Senior Vice President of each of the Companies, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of said Companies by himself as a duly authorized officer.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission expires the 30th day of June, 2026




 Anna P. Nowik, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of each of the Companies, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her, and it is

FURTHER RESOLVED; that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED; that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, Kevin E. Hughes, the undersigned, Assistant Secretary of each of the Companies; do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which remains in full force and effect.

Dated this 19th day of October, 2023.




 Kevin E. Hughes, Assistant Secretary

To verify the authenticity of this Power of Attorney, please call us at 1-800-421-3880.
 Please refer to the above-named Attorney(s)-in-Fact and the details of the bond to which this Power of Attorney is attached.



Hall County, Georgia

Candler Road Landfill Phase II Cell 3 Construction

August 28, 2023

152292

Contract Drawings



SITE LOCATION



VICINITY MAP
SCALE IN FEET

ONE OR TWO CHARACTER DISCIPLINE DESIGNATOR (MAY NOT BE PRESENT IF CALLOUT AND TITLE ARE ON DRAWINGS WITHIN THE SAME DISCIPLINE)

LETTER OR NUMBER DESIGNATOR

DRAWING SEQUENCE NUMBER INDICATES WHERE TITLE IS LOCATED (MAY NOT BE PRESENT IF CALLOUT AND TITLE ARE ON THE SAME DRAWING)

SECTION, DETAIL, AND ELEVATION SYMBOL IDENTIFIERS



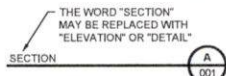
SECTION CALLOUT EXAMPLE



DETAIL CALLOUT EXAMPLE



ELEVATION CALLOUT EXAMPLE



SECTION, DETAIL, OR ELEVATION TITLE EXAMPLE

SECTION, DETAIL, AND ELEVATION IDENTIFICATION SYSTEM

GENERAL DRAWINGS

| DWG NO. | TITLE |
|---------|--------------------------|
| G001 | Cover and Index |
| G002 | Legend and Abbreviations |
| G003 | General Notes |
| G004 | Existing Conditions |
| G005 | General Arrangement |

CIVIL DRAWINGS

| DWG NO. | TITLE |
|---------|--|
| C001 | Cell 3 Subgrade Plan |
| C002 | Underdrain Plan |
| C003 | Future Cell 5 Stockpile Fill Plan |
| C004 | Stockpile B Fill Plan |
| C005 | Cell 3 Recompacted Soil Layer Grading Plan |
| C006 | Leachate Collection System Plan |
| C007 | Leachate Collection Forcemain Plan |
| C008 | Cell 3 Cross Sections, 1 of 2 |
| C009 | Cell 3 Cross Sections, 2 of 2 |
| C010 | Cell 3 Construction Details, 1 of 5 |
| C011 | Cell 3 Construction Details, 2 of 5 |
| C012 | Cell 3 Construction Details, 3 of 5 |
| C013 | Cell 3 Construction Details, 4 of 5 |
| C014 | Cell 3 Construction Details, 5 of 5 |
| C015 | Stormwater Construction Details, 1 of 2 |
| C016 | Stormwater Construction Details, 2 of 2 |
| C017 | Miscellaneous Civil Details |
| C018 | Initial Erosion & Sediment Control Plan |
| C019 | Intermediate Erosion & Sediment Control Plan |
| C020 | Final Erosion & Sediment Control Plan |
| C021 | Erosion & Sediment Control Details, 1 of 2 |
| C022 | Erosion & Sediment Control Details, 2 of 2 |

ELECTRICAL DRAWINGS

| DWG NO. | TITLE |
|---------|-------------------------------------|
| E001 | Electrical General Notes |
| E100 | Electrical Site Overall |
| E101 | Electrical Site Enlarged |
| E102 | Electrical Site Enlarged - West |
| E103 | Enlarged View - Pump Station 7 |
| E104 | Enlarged View - Transformer 5 |
| E105 | Enlarged View - Pump Station 8 |
| E501 | Details - Unistrut Stand Elevations |
| E502 | Details |
| E503 | Details |
| E601 | Panelboard Schedules |
| E701 | Electrical One-Line |



Phase II Cell 3 Construction
PO # 435114
Landfill Services

Cover-Index

| no. | date | by | ckd | description |
|-----|---------|-----|-----|----------------|
| 0 | 8/28/23 | MLA | BSW | ISSUED FOR BID |
| | | | | |
| | | | | |

BURNS & MCDONNELL
4004 SUMMIT BLVD, SUITE 1200
ATLANTA, GA 30319
770-587-4776
Burns & McDonnell Engineering Co., Inc.
COA: PEF0001100 (EXP DATE: 6/30/24)

| LEGEND | | | ABBREVIATIONS | | | | |
|--------------|--|--|--|-----------------|--|---------|---|
| PLAN: | | | SECTION: | | | | |
| GWA-3R | GROUNDWATER MONITORING WELL | | GEOMEMBRANE LINER | APPROX | APPROXIMATE, APPROXIMATELY | MSW | MUNICIPAL SOLID WASTE |
| MM-8 | METHANE MONITORING WELL | | GEOTEXTILE | BGS | BELOW GROUND SURFACE | MSWL | MUNICIPAL SOLID WASTE LANDFILL |
| | SURVEY BENCHMARK | | GEOCOMPOSITE | BM | BENCHMARK | MW | MONITORING WELL |
| | PIPING SYSTEM CLEANOUT | | GCL (GEOSYNTHETIC CLAY LINER) | CB | CATCH BASIN | N | NORTHING |
| | EDGE OF LINER MARKER | | EROSION CONTROL BLANKET / TURN REINFORCEMENT MATTING | CISP | CAST IRON PIPE | N/F | NOW OR FORMERLY |
| | CONSTRUCTION CONTROL POINT | | PLYWOOD | CL | CENTERLINE | NAD 83 | NORTH AMERICAN DATUM OF 1983 |
| | BUILDING/STRUCTURE | | GRASS / VEGETATION | C.L. | COVER LEVEL | NAVD 88 | NORTH AMERICAN VERTICAL DATUM OF 1988 |
| | EXISTING CONTOURS | | PREPARED SUBGRADE | CMP | CORRUGATED METAL PIPE | NO | NUMBER |
| | DESIGN CONTOURS | | GRAVEL / AGGREGATE / RIP RAP | COA | CERTIFICATE OF AUTHORIZATION | NPDES | NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM |
| | LITTER FENCE | | ROUNDED STONE | CONC. | CONCRETE | NPT | NATIONAL PIPE THREAD |
| | PROPERTY BOUNDARY | | CONCRETE | COR | CORNER | NTS | NOT TO SCALE |
| | 200' BUFFER (FROM PROPERTY BOUNDARY) | | LEACHATE DRAINAGE MATERIAL / PIPE BEDDING / SAND | CP | CONTROL POINT | O.C. | ON CENTER |
| | CELL BOUNDARY | | RECOMPACTED SOIL LAYER | CPE | CORRUGATED POLYETHYLENE | OD | OUTSIDE DIAMETER |
| | ACCESS ROAD | | TOP SOIL / NATIVE SOIL / SUBGRADE | CPVC | CHLORINATED POLYVINYL CHLORIDE | OSHA | OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION |
| | UNDERGROUND ELECTRIC | | GENERAL FILL | CY | CUBIC YARD | OZ | OUNCE |
| | UNDERDRAIN | | INTERMEDIATE COVER | DIA. OR Ø | DIAMETER | P | PIEZOMETER |
| | LEACHATE COLLECTION PIPING | | REFUSE / WASTE | DWG | DRAWING | PERF | PERFORATED |
| | LEACHATE FORCE MAIN | | CEMENT/BENTONITE GROUT MIX | E | EASTING | PO | PURCHASE ORDER |
| | EDGE OF LINER | | HYDRATED BENTONITE SEAL | EL., ELEV. | ELEVATION | PVC | POLYVINYL CHLORIDE |
| | CONTRACTOR STAGING AREA | | PEA GRAVEL | EPD | GEORGIA ENVIRONMENTAL PROTECTION DIVISION | R | RADIUS / RANGE |
| | STOCKPILE LOCATION | | | ESPCP | EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN | RCB | REINFORCED CONCRETE BOX CULVERT |
| | CLEARING EXTENTS | | | EW | EACH WAY | ROP | REINFORCED CONCRETE PIPE |
| | STORMWATER FLOW DIRECTION / CHANNEL ALIGNMENT | | | EX. | EXISTING | RD | ROAD |
| | BURIED CULVERT | | | EXP | EXPIRATION | REV. | REVISION |
| | EXISTING TREE LINE | | | FM | FORCE MAIN | RL | RETICULATION LATERAL |
| | AREA W/ GEOCOMPOSITE | | | FML | FLEXIBLE MEMBRANE LINER | SCH | SCHEDULE |
| | RIPRAP | | | FT | FEET | SDR | STANDARD DIMENSION RATIO |
| | DISTURBED AREA STABILIZATION (PERMANENT OR TEMPORARY VEGETATION) | | | GA | GEORGIA | SE | SOUTHEAST |
| | WETLANDS | | | GALV | GALVANIZED | SEC | SECTION |
| | | | | GCL | GEOSYNTHETIC CLAY LINER | SSR | SIDE SLOPE RISER |
| | | | | GIS | GEOGRAPHIC INFORMATION SYSTEM | SST | STAINLESS STEEL |
| | | | | GWA / GWB / GWC | GROUNDWATER MONITORING WELL | ST. | STREET |
| | | | | HDPE | HIGH DENSITY POLYETHYLENE PIPE | STL | STEEL, CARBON STEEL |
| | | | | HWY | HIGHWAY | SY | SQUARE YARD |
| | | | | ID | INSIDE DIAMETER | T, TWP | TOWNSHIP |
| | | | | IE OR INV. EL. | INVERT ELEVATION | T&B | TOP AND BOTTOM |
| | | | | INC, INC. | INCORPORATED | TBD | TO BE DETERMINED |
| | | | | INTL | INTERNATIONAL | TYP. | TYPICAL |
| | | | | LCFM | LEACHATE COLLECTION FORCE MAIN | UD | UNDERDRAIN |
| | | | | LCO | LEACHATE CLEANOUT PIPE | UG | UNDERGROUND |
| | | | | LCP | LEACHATE COLLECTION PIPE | UGE, UE | UNDERGROUND ELECTRIC |
| | | | | L.F., LF | LINEAR FEET, LANDFILL | USBR | UNITED STATES BUREAU OF RECLAMATION |
| | | | | LLDPE | LINEAR LOW DENSITY POLYETHYLENE | UST | UNDERGROUND STORAGE TANK |
| | | | | MAX | MAXIMUM | W | WEST |
| | | | | MFA | MOLDED FLANGE ADAPTER | Wf | WITH |
| | | | | MFR | MANUFACTURER | WFF | WOVEN FILTER FABRIC |
| | | | | MGT | MANAGEMENT | YD | YARD |
| | | | | MH | MANHOLE | | |
| | | | | MIL | MILLI-INCH | | |
| | | | | MIN | MINIMUM | | |
| | | | | MM | METHANE MONITORING WELL | | |
| | | | | MP | METAL PIPE | | |

| no. | date | by | chkd | description |
|-----|---------|-----|------|----------------|
| 0 | 8/28/23 | MLA | BSW | ISSUED FOR BID |

BURNS & MCDONNELL
 4004 SUMMIT BLVD NE, SUITE 1200
 ATLANTA, GA 30339
 770-587-4778
 Burns & McDonnell Engineering Co., Inc.
 COA: PEF00100 (EXP. DATE: 6/30/2024)

| | | | |
|----------|-----------------|----------|-----------|
| date | AUGUST 28, 2023 | detailed | M. AULT |
| designed | M. AULT | checked | B. WELDON |

HALL COUNTY
 GEORGIA
 CANDLER ROAD LANDFILL
 PERMIT #: 069-150(MSWL)
 HALL COUNTY, GEORGIA

| | |
|--|--------------|
| PHASE II CELL 3 CONSTRUCTION | |
| LEGEND AND ABBREVIATIONS | |
| project | contract |
| 152292 | PO # 435114 |
| drawing | rev. |
| G002 | 0 |
| sheet 2 | of 39 sheets |
| file G002 LEGEND AND ABBREVIATIONS.dwg | |

GENERAL NOTES

1. THE CANDLER ROAD LANDFILL IS LOCATED AT 1700 OAKBROOK DRIVE GAINESVILLE, GEORGIA 30507.
2. CONTRACTOR SHALL CONTRACT WITH HALL COUNTY, GEORGIA (OWNER) DIRECTLY TO PERFORM WORK.
3. CONTRACTOR SHALL PROVIDE LIABILITY INSURANCE NAMING OWNER, BURNS & MCDONNELL ENGINEERING COMPANY, INC. (ENGINEER), AND ENGINEER'S SUBCONTRACTORS AS AN ADDITIONAL INSURED.
4. THE LOCATIONS OF EXISTING UTILITIES AND EASEMENTS HAVE BEEN DETERMINED FROM AVAILABLE INFORMATION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL UTILITIES AND EASEMENTS WHETHER OR NOT SHOWN TO PROTECT THEM FROM DAMAGE. WHERE A UTILITY OR EASEMENT IS ABANDONED OR REQUIRES TO BE PROTECTED, THE CONTRACTOR SHALL PROVIDE PROTECTION THAT AT MINIMUM MEETS THE REQUIREMENTS OF THE UTILITY OR EASEMENT OWNER. THE CONTRACTOR SHALL BEAR ALL EXPENSE OF REPAIR, REPLACEMENT, OR ANY OTHER CHARGES RELATED TO EXISTING UTILITIES OR EASEMENTS IN CONJUNCTION WITH THE EXECUTION OF THIS WORK. PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL CALL GEORGIA 811 AT 1-800-282-7411 OR 811.
5. THE WORK UNDER THIS CONTRACT SHALL INCLUDE FURNISHING ALL SUPERVISION, LABOR, TOOLS, EQUIPMENT, TRANSPORTATION, STORAGE FACILITIES, SERVICES, AND SUPPLIES REQUIRED TO COMPLETE THE FOLLOWING AS INDICATED ON THE CONSTRUCTION DRAWINGS:
 - A. CONSTRUCT CELL 3, WHICH INCLUDES: CLEARING AND GRUBBING OF AREA AS INDICATED ON G005, CONSTRUCT UNDERDRAINS, ESTABLISH CELL 3 SUBGRADE, PLACE RECOMPACTED SOIL LAYER, INSTALL GEOSYNTHETIC CLAY LINER (GCL), INSTALL GEOMEMBRANE LINER, INSTALL GEOMPOSITE, PLACE LEACHATE COLLECTION LAYER, INSTALL LEACHATE COLLECTION SYSTEM, AND CONSTRUCT TEMPORARY DELINEATION BERM.
 - B. INSTALL APPROXIMATELY 1,600 FEET OF LEACHATE FORCEMAIN PIPING WITH DUAL CLEANOUTS EVERY 500 FEET, INSTALL TWO HDPE LEACHATE FORCEMAIN MANHOLES (MH#1 AND MH#2), AND CONNECT TO EXISTING LEACHATE FORCEMAIN PIPING NEAR THE EXISTING CELL 2.
 - C. CONSTRUCT PERIMETER ACCESS ROAD AND STORMWATER DITCHES.
 - D. IMPLEMENT AND INSPECT EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs) IN ACCORDANCE WITH THE CONSTRUCTION EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN (ESPCP).
 - E. PROCURE GEOTECHNICAL DESIGN SERVICES FOR THE CONSTRUCTION OF RETAINING WALLS IN ORDER TO ESTABLISH FINAL PERIMETER ROAD GRADES. FINAL PERIMETER ROAD GRADING PLAN WILL BE PROVIDED VIA FUTURE ADDENDA.
 - F. COMPLETE IMPROVEMENTS TO THE EXISTING ACCESS ROAD. ACCESS ROAD IMPROVEMENT PLAN AND DETAILS WILL BE PROVIDED VIA FUTURE ADDENDA.
 - G. RELOCATE THE EXISTING MH(S) AND EXISTING LEACHATE FORCEMAIN IN THE ROAD IMPROVEMENT AREA (NEAR CELL 2) TO THE NEW EDGE OF THE ACCESS ROAD AFTER THE RETAINING WALLS HAVE BEEN CONSTRUCTED.
 - H. INSTALL SEVEN (7) NEW GROUNDWATER MONITORING WELLS AND THREE (3) NEW METHANE MONITORING WELLS IN ACCORDANCE WITH GEORGIA GROUNDWATER MONITORING AND LANDFILL METHANE MONITORING WELL CONSTRUCTION REQUIREMENTS.
 - I. INSTALL 30-FT TALL LITTER FENCING ALONG THE OUTSIDE OF THE NEW LANDFILL ACCESS ROAD AND CONNECT TO EXISTING LITTER FENCING NEAR CELL 2.
 - J. CONSTRUCT THE TEMPORARY SEDIMENTATION BASIN AND OUTLET STRUCTURE SOUTH OF CELL 3.
 - K. STRIP TOPSOIL FROM ALL EXCAVATION AREAS AND THE CELL 5 STOCKPILE AREA. SEPARATE AND PLACE TOPSOIL ON NON-VEGETATED AREAS ON PHASE I STOCKPILE ALL OTHER EXCESS SOILS IN THE STOCKPILE LOCATIONS SPECIFIED ON SHEET G006.
 - L. ANY OTHER WORK NOT SPECIFIED ABOVE REQUIRED IN THE CONSTRUCTION DRAWINGS.
6. THE CONSTRUCTION DRAWINGS REPRESENT THE FINISHED WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MEANS AND METHODS OF CONSTRUCTION. CONTRACTOR SHALL FURNISH ALL LABOR, EQUIPMENT, MATERIALS, AND TOOLS NECESSARY TO COMPLETELY PERFORM THE WORK IN SAFE, EXPEDITIOUS, AND WORKMAN LIKE MANNER. COORDINATE SCHEDULE OF THE WORK WITH THE OWNER. CONTRACTOR SHALL INSTALL EQUIPMENT AND MATERIALS PER MANUFACTURER'S RECOMMENDATIONS UNLESS NOTED OTHERWISE. THE CONTRACTOR ACCEPTS FULL RESPONSIBILITY FOR PROPER HANDLING AND INSTALLATION OF EQUIPMENT AND MATERIALS.
7. THESE DRAWINGS SHALL BE USED IN CONJUNCTION WITH ANY SHOP DRAWINGS PROVIDED BY SUPPLIERS. ALL SHOP DRAWINGS PROVIDED BY OTHERS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO THE FABRICATION OF MATERIAL OR THE PURCHASE OF NON-RETURNABLE STOCK. DIMENSIONAL REVIEW IS THE CONTRACTOR'S RESPONSIBILITY.
8. LANDFILL CONSTRUCTION EQUIPMENT OPERATIONS WILL BE LIMITED TO MONDAY THROUGH SATURDAY FROM SUNRISE TO SUNSET. CONSTRUCTION WILL BE LIMITED TO NON-EQUIPMENT OPERATIONS ONLY ON SUNDAY. FURTHER, NO WORK SHALL BE COVERED PRIOR TO COMPLETION OF REQUIRED TESTING, SURVEYING AND ENGINEER'S INSPECTION. UNAPPROVED WORK SHALL BE UNCOVERED AT CONTRACTOR'S EXPENSE.
9. SITE TOPOGRAPHY MAY VARY DUE TO OWNER'S CONSTRUCTION, DAILY COVER MATERIAL STOCKPILING, AND WASTE DISPOSAL.
10. EXISTING ROADS, STRUCTURES, FACILITIES AND LANDFILL OPERATIONS SHALL NOT BE INTERFERED WITH BY CONTRACTOR'S ACTIVITIES. NORMAL OPERATIONAL HOURS ARE 8 AM

- TO 4 PM MONDAY THROUGH FRIDAY, 8 AM TO 2 PM SATURDAY, AND CLOSED SUNDAY. COORDINATE ACTIVITIES WITH LANDFILL OWNER IF OPERATION DISRUPTION IS EXPECTED. ANY DISTURBANCE TO EXISTING FEATURES SHALL BE REPAIRED AT NO COST TO OWNER.
11. CONTRACTOR SHALL UNDERTAKE ALL NECESSARY MEASURES TO ENSURE SAFETY OF ALL PERSONS AND STRUCTURES AT THE SITE AND ADJACENT TO THE SITE. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY CLAIMS RESULTING FROM HIS/HER ACTIONS AND ACTIVITIES. VISITS TO THE SITE BY OWNER, ENGINEER OR ENGINEER'S SUBCONTRACTORS SHALL NOT RELIEVE THE CONTRACTOR OF SUCH RESPONSIBILITY.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER SAFEGUARDING OF THE INSTALLATION AND MATERIALS AND EQUIPMENT STORED ON THE SITE TO PREVENT THEFT, VANDALISM, OR DAMAGE. THE CONTRACTOR SHALL ACCEPT FULL RESPONSIBILITY FOR EQUIPMENT AND MATERIALS THROUGH PROJECT COMPLETION. CONTRACTOR SHALL STORE EQUIPMENT AND MATERIALS IN A SECURE LOCATION (ON OR OFF-SITE).
13. CONTRACTOR SHALL PROTECT THE WORK AREAS WITH THE APPROPRIATE FENCING, BARRICADES, AND SIGNAGE. CONTRACTOR SHALL COORDINATE WORK PROTECTION AREA REQUIREMENTS CONTROL WITH OWNER.
14. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH OSHA AND IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.
15. UNKNOWN SITUATIONS OR CONDITIONS NOT COVERED IN THESE INSTRUCTIONS ARE THE RESPONSIBILITY OF THE CONTRACTOR, ENGINEER AND MANUFACTURER'S SPECIALISTS MAY BE AVAILABLE FOR CONSULTATION. THE PRESENCE OF THE ENGINEER OR THE MANUFACTURER'S REPRESENTATIVE AT THE PROJECT SITE DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY FOR A PROPER INSTALLATION.
16. ALL DIMENSIONS, ELEVATIONS, AND CONDITIONS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR, AND ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR CLARIFICATION BEFORE PROCEEDING WITH THE AFFECTED PART OF WORK.
17. IF CERTAIN FEATURES ARE NOT FULLY SHOWN OR CALLED FOR ON THE CONSTRUCTION DRAWINGS OR SPECIFICATIONS, THEIR CONSTRUCTION SHALL BE OF THE SAME CHARACTER AS FOR SIMILAR CONDITIONS THAT ARE SHOWN OR CALLED FOR, SUBJECT TO THE APPROVAL OF THE ENGINEER.
18. ALL WORK SHALL BE DONE TO THE LINES, SLOPES, THICKNESS, AND GRADES INDICATED IN THE CONSTRUCTION DRAWINGS. ALL ESTABLISHED MONUMENTS, BENCHMARKS, REFERENCE POINTS, STAKES, AND OTHER CENTRAL POINTS SHALL BE CAREFULLY PRESERVED BY THE CONTRACTOR. CONTRACTOR SHALL NOTIFY OWNER IN WRITING OF BENCHMARKS, REFERENCE LINES, OR OTHER CONTROL POINTS WHICH MAY HAVE BEEN DISTURBED OR WHICH APPEAR TO BE OFF LINE OR GRADE. CONTRACTOR SHALL UTILIZE GLOBAL POSITIONING SYSTEM (GPS) TECHNOLOGY FOR COMPLETION OF WORK TO ENSURE ACCURACY IN GRADING AND ALIGNMENTS.
19. CONTRACTOR SHALL MAINTAIN CONTROL OF DEBRIS GENERATED BY CONTRACTOR'S ACTIVITIES SUCH TO PREVENT THE INADVERTENT MOVEMENT OF DEBRIS OUTSIDE THE CONSTRUCTION BOUNDARIES. CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL, MANAGEMENT, STORAGE, LOADING, AND DISPOSAL OF CONSTRUCTION DEBRIS. CONTRACTOR SHALL DISPOSE OF DEBRIS PER APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.
20. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING POTABLE WATER AND TEMPORARY SANITARY FACILITIES FOR HIS/HER PERSONNEL. CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR INSTALLING AND REMOVING ANY REQUIRED TEMPORARY UTILITY CONNECTIONS.
21. SUBMITTALS: SUBMIT MATERIAL AND PRODUCT DATA, WARRANTIES, INSTALLATION, AND AS-BUILT CONSTRUCTION DOCUMENTS TO THE OWNER AND ENGINEER FOR REVIEW PER SPECIFICATION 01 33 00. CONTRACTOR SHALL FORWARD MATERIAL MANIFESTS TO THE ENGINEER AND OWNER. CONTRACTOR SHALL PROVIDE AS-BUILT DRAWINGS WITH NOTES IDENTIFYING MODIFICATIONS TO THE CONSTRUCTION DRAWINGS.
22. CONTRACTOR SHALL HAVE PROPER EQUIPMENT AND MANPOWER NECESSARY TO UNLOAD ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND THE CONTRACT DOCUMENTS.
23. CONTRACTOR SHALL PROTECT ALL EXISTING CONTROL POINTS AND PROMPTLY REPLACE IF DAMAGED AT CONTRACTOR'S COST. ADDITIONAL HORIZONTAL AND VERTICAL CONTROL POINTS SHALL BE ADDED BY CONTRACTOR AS NECESSARY TO COMPLETE WORK. NEW CONTROL POINTS SHALL BE PROVIDED BY THE CONTRACTOR TO THE OWNER. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING STRUCTURE ELEVATIONS DURING CONSTRUCTION STAKING, COMPARE THESE ELEVATIONS TO THOSE INDICATED AND REVIEW WITH ENGINEER.
24. CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF EXISTING MONITORING WELLS, METHANE MONITORING WELLS, UTILITIES AND STRUCTURES. ANY DAMAGE TO EXISTING SYSTEMS SHALL BE IMMEDIATELY REPAIRED BY THE CONTRACTOR AT NO COST TO THE OWNER.
25. THESE NOTES AND OTHER DRAWING NOTES CONTAINED HERewith ARE PROVIDED TO MEET SPECIFIC REQUIREMENTS AND TO SUPPLEMENT THE CONTRACT DOCUMENTS. THESE NOTES NEITHER REPLACE NOR OVERRIDE THE PROVISIONS AND REQUIREMENTS OF THE CONTRACT DOCUMENTS.

EROSION CONTROL NOTES

1. A COMPLETE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN WILL BE PROVIDED TO THE CONTRACTOR UNDER SEPARATE COVER.
2. CONTRACTOR'S PERSONNEL SHALL RECEIVE ESPCP TRAINING AS REQUIRED BY OR ADDRESSED IN THE ESPCP.
3. CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES (BMP'S) AS REQUIRED BY THE CONSTRUCTION DRAWINGS AND THE ESPCP. ADDITIONAL BMP'S SHALL BE IMPLEMENTED AS DICTATED BY THE SITE CONDITIONS THROUGHOUT ALL PHASES OF CONSTRUCTION.
4. TEMPORARY EROSION AND SEDIMENT CONTROLS: FURNISH, INSTALL, CONSTRUCT, AND MAINTAIN TEMPORARY MEASURES TO CONTROL EROSION AND MINIMIZE THE SILTATION OF CONVEYANCE FEATURES AND THE POLLUTION OF PRIVATE PROPERTIES. TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED UNTIL COMPLETION OF THE WORK.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND REMOVAL OF ALL SEDIMENT CONTROL PRACTICES REQUIRED AS A RESULT OF HIS/HER ACTIVITIES. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS AND RECOMMENDATIONS, UNLESS NOTED OTHERWISE. THE SEDIMENT CONTROL PRACTICES INDICATED IN THE CONTRACT DRAWINGS ARE NOT INTENDED TO BE INCLUSIVE OF ALL SEDIMENT CONTROL PRACTICES REQUIRED TO BE COMPLETED FOR THIS PROJECT.
6. PROVIDE AND MAINTAIN ALL EROSION CONTROL FEATURES NECESSARY TO COMPLY WITH ALL APPLICABLE LOCAL, STATE, FEDERAL, AND JURISDICTIONAL AGENCY'S EROSION CONTROL-RELATED REGULATIONS THROUGHOUT THE DURATION OF THE PROJECT. CONTRACTOR SHALL REMOVE EROSION CONTROL FEATURES IF SAID FEATURES ARE NOT BIODEGRADABLE.
7. BMP'S AND CONTROLS SHALL CONFORM TO THE REQUIREMENTS OF THE GEORGIA ENVIRONMENTAL PROTECTION DIVISION. CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY PERMITTING AGENCY OR OWNER.
8. CONTRACTOR IS REQUIRED TO COMPLY WITH THE TERMS AND CONDITIONS CONTAINED WITHIN THE CONSTRUCTION STORMWATER GENERAL PERMIT.
9. CONTRACTOR SHALL MINIMIZE CLEARING TO THE MAXIMUM EXTENT PRACTICAL OR AS REQUIRED BY THE GENERAL PERMIT.
10. ALL WASH WATER (VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.
11. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
12. DUST ON THE SITE SHALL BE CONTROLLED. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.
13. RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. THESE SUCH MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORM DISCHARGE INTO CONVEYANCE FEATURES OR WATERS OF THE STATE. DISPOSAL OF SOLID WASTE SHALL BE COORDINATED WITH OWNER.
14. ALL STORMWATER POLLUTION PREVENTION MEASURES PRESENTED IN THE CONSTRUCTION DRAWINGS SHALL BE INITIATED AS SOON AS PRACTICABLE.
15. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
16. CONTRACTOR WILL BE RESPONSIBLE FOR REMOVING SEDIMENT IN THE SEDIMENTATION POND AND ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORMWATER DRAINAGE SYSTEMS IN CONJUNCTION WITH THE STABILIZATION OF THE SITE.
17. SOIL STOCKPILE AND BORROW AREAS RESULTANT FROM CONTRACTOR'S ACTIVITIES SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BMP'S AND SEEDING.
18. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
19. DUE TO THE GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES IN ORDER TO PREVENT EROSION.
20. THE PERIMETER OF ANY STOCKPILE AREAS SHALL BE LINED WITH SEDIMENT FENCE.
21. THE INTEGRITY OF WETTED PERIMETER FOR PERIMETER AND DIVERSION DITCHES SHALL BE MAINTAINED AT ALL TIMES.
22. FUELING OF CONTRACTOR EQUIPMENT SHALL BE CONDUCTED IN A CONTAINED AREA.
23. STORAGE OF FUELS AND HAZARDOUS MATERIALS SHALL BE DONE IN SUCH A WAY AS TO MINIMIZE THE POTENTIAL OF SPILLS. CONTRACTOR SHALL PROVIDE AND INSTALL THEIR OWN SPILL CONTAINMENT DEVICES OR STRUCTURES.
24. SPILLS OF TOXIC OR HAZARDOUS MATERIAL, INCLUDING DIESEL FUEL FOR CONTRACTOR EQUIPMENT USE ONSITE, SHALL BE REPORTED TO THE APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY, AS REQUIRED. ALL SPILLS SHALL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY.
25. CONCRETE WASHOUT SHALL BE COORDINATED WITH THE OWNER.
26. EXCAVATION AREAS SHALL BE MAINTAINED IN DEWATERED CONDITION. DEWATERING DEVICES AND APPURTENANCES SHALL BE SUPPLIED BY THE CONTRACTOR. EXCAVATION WATER MAY BE DISCHARGED ON SITE PER THE ESPCP.

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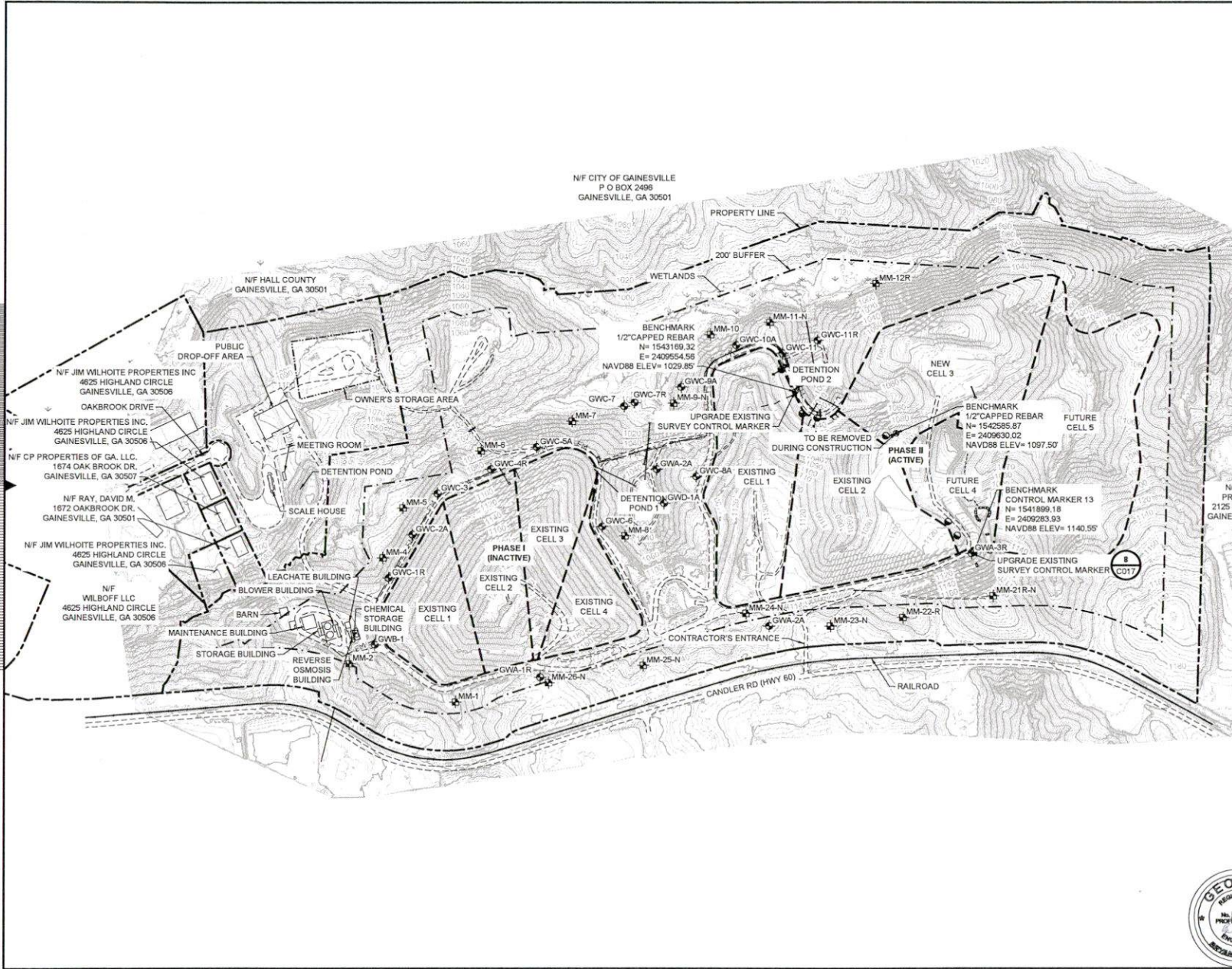
BURNS & MCDONNELL
 4004 SUMMIT BLVD NE, SUITE 1200
 ATLANTA, GA 30319
 770-587-4776
 Burns & McDonnell Engineering Co., Inc.
 COA: PEF00100 (EXP DATE: 6/30/2024)

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| designed | checked |
| M. AULT | B. WELDON |



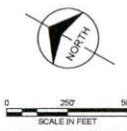
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- NOTES:
- EXISTING TOPOGRAPHY BASED ON SURVEY COMPLETED BY ROCHESTER & ASSOCIATES, INC. DATED OCTOBER 2019 AND SUPPLEMENTAL SURVEY OF CELL 3 AND 4 AREA COMPLETED BY MAXWELL-REDDICK AND ASSOCIATES DATED APRIL 2023.
 - HORIZONTAL DATUM BASED ON NAD 83 GEORGIA STATE PLANES, WEST ZONE. VERTICAL DATUM BASED ON NAVD 88.
 - CONTOUR INTERVAL IS TWO FEET.
 - SITE TOPOGRAPHY MAY VARY DUE TO OWNER'S CONSTRUCTION, DAILY COVER MATERIAL EXCAVATION, STOCKPILING, AND WASTE DISPOSAL OPERATIONS.



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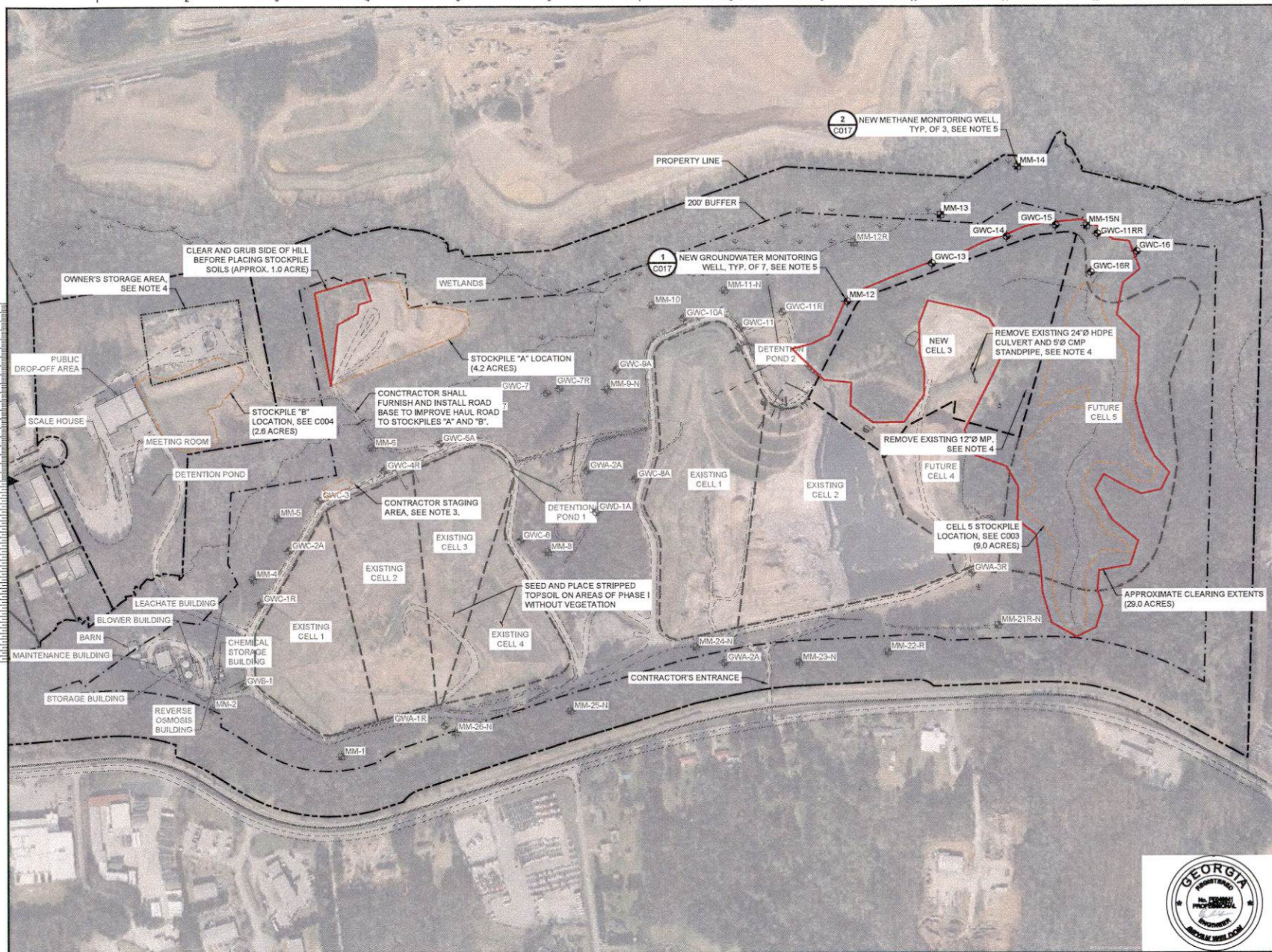
CANDLER ROAD LANDFILL
 PERMIT # 065-150(MSWL)
 HALL COUNTY, GEORGIA

**PHASE II CELL 3 CONSTRUCTION
 EXISTING CONDITIONS**

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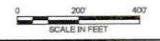


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- NOTES:
- HORIZONTAL DATUM BASED ON NAD 83 GEORGIA STATE PLANES, WEST ZONE. VERTICAL DATUM BASED ON NAVD 88.
 - AERIAL IMAGERY RETRIEVED FROM BING MAPS, MAY 2023.
 - CONTRACTOR TO COORDINATE STAGING AREAS AND STOCKPILE LOCATIONS WITH OWNER.
 - EXISTING STORMWATER CONTROL PIPING REMOVED FROM CELL 3 CONSTRUCTION AREA SHALL BE SALVAGED AND PLACED IN OWNER'S STORAGE AREA.
 - LOCATIONS OF GROUNDWATER AND METHANE MONITORING WELLS SUBJECT TO CHANGE. COORDINATE WITH OWNER AND ENGINEER PRIOR TO INSTALLATION.
 - CONTRACTOR MAY EXTEND STOCKPILE LIMITS WITHIN FUTURE CELL 5 FOOTPRINT IF ABLE TO MAINTAIN STORMWATER DRAINAGE CHANNELS
 - CONTRACTOR TO COORDINATE STAGING AREA, EXCAVATING, AND STOCKPILING WITH OWNER. CONTRACTOR SHALL MINIMIZE DISRUPTIONS TO DAILY LANDFILL OPERATIONS AND ACCESS TO LANDFILLS CELLS TO THE EXTENT PRACTICAL DURING OPERATING HOURS.



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| AUGUST 28, 2023 | M. AULT | B. WELDON | M. AULT |



PHASE II CELL 3 CONSTRUCTION
 GENERAL ARRANGEMENT

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 - HORIZONTAL DATUM BASED ON NAD 83 GEORGIA STATE PLANES; WEST ZONE. VERTICAL DATUM BASED ON NAVD 88.
 - DESIGN CONTOURS WITHIN CELL 3 REPRESENT TOP OF PREPARED SUBGRADE. DESIGN CONTOURS OUTSIDE OF CELL 3 REPRESENT FINISHED GRADES.
 - CONTOUR INTERVAL IS TWO FEET.
 - ROAD GRADES SHOWN IN THE HIGHLIGHTED AREAS ARE INTENDED TO FACILITATE CONSTRUCTION ACCESS, BUT DO NOT REPRESENT FINAL FINISHED GRADES. PLAN FOR FINISHED GRADES IN THESE LOCATIONS WILL BE PROVIDED VIA FUTURE ADDENDA.
 - UNDERDRAIN PIPING NOT SHOWN THIS SHEET FOR CLARITY. SEE C002 FOR UNDERDRAIN PLAN AND CONSTRUCTION CONTROL POINTS.
 - SEE C003 FOR FUTURE CELL 5 STOCKPILE FILL PLAN.



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| AUGUST 28, 2023 | M. AULT |
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| M. AULT | B. WELDON |

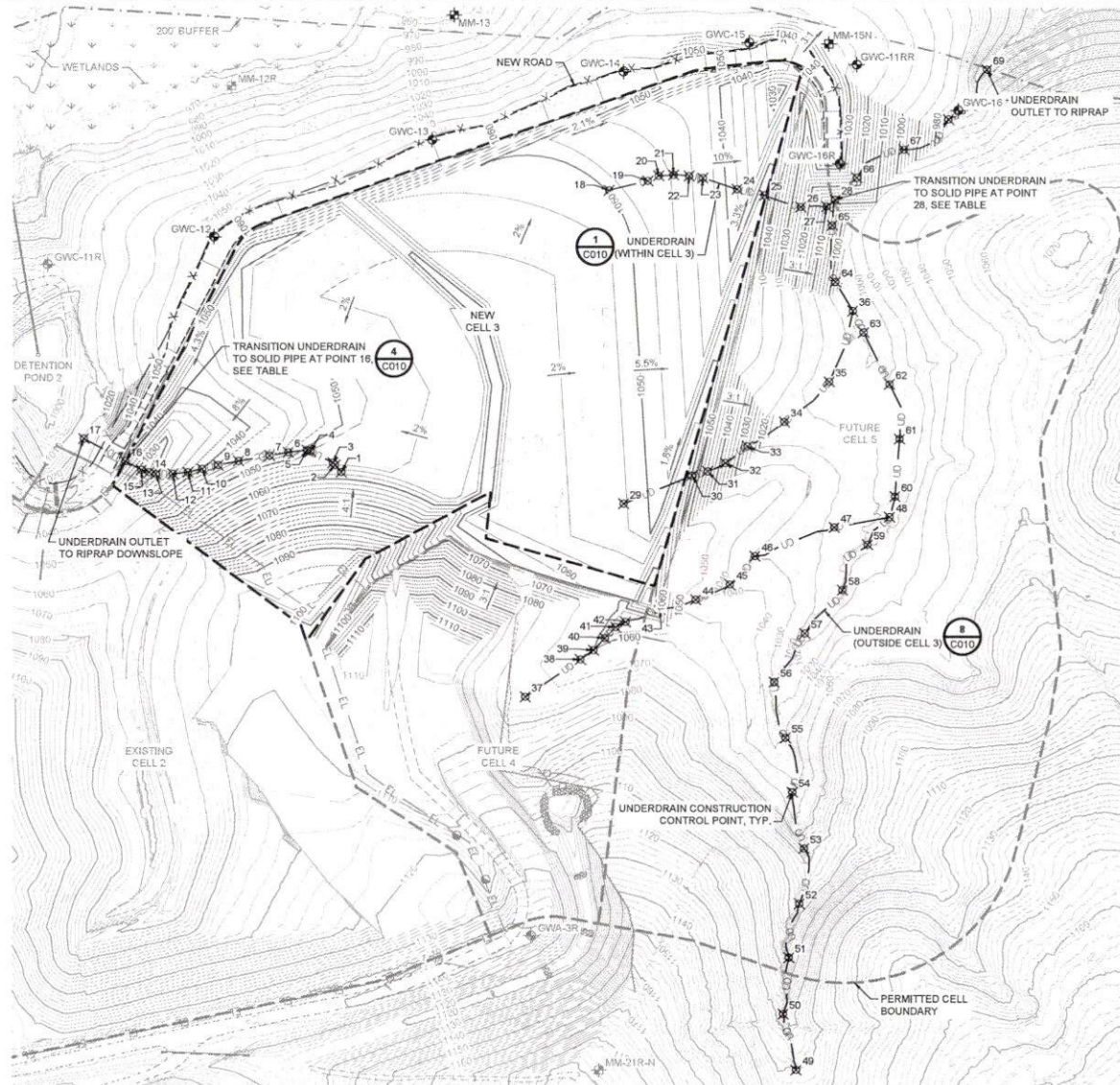


PHASE II CELL 3 CONSTRUCTION
 CELL 3 SUBGRADE PLAN

| project | contract |
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| sheet 6 of 39 sheets | |
| File: C001 Cell 3 Subgrade Plan.dwg | |



| UNDERDRAIN CONSTRUCTION CONTROL POINTS | | | | |
|--|---------------|--------------|---------------------------|----------------------------------|
| POINT NO. | NORTHING (FT) | EASTING (FT) | UD INVERT ELEV. (NAVD 88) | EXISTING SURFACE ELEV. (NAVD 88) |
| 1 | 1542589.81 | 2409797.17 | 1051.00 | 1061.25 |
| 2 | 1542605.33 | 2409802.35 | 1048.00 | 1058.05 |
| 3 | 1542610.41 | 2409804.04 | 1047.00 | 1057.15 |
| 4 | 1542653.56 | 2409801.78 | 1046.00 | 1050.08 |
| 5 | 1542659.90 | 2409800.33 | 1045.00 | 1049.19 |
| 6 | 1542685.56 | 2409781.40 | 1042.00 | 1045.67 |
| 7 | 1542710.30 | 2409760.46 | 1040.00 | 1042.43 |
| 8 | 1542751.98 | 2409725.72 | 1038.00 | 1037.86 |
| 9 | 1542778.38 | 2409702.12 | 1036.00 | 1035.67 |
| 10 | 1542796.61 | 2409683.03 | 1034.00 | 1035.68 |
| 11 | 1542816.97 | 2409665.53 | 1032.00 | 1036.62 |
| 12 | 1542837.67 | 2409650.39 | 1029.00 | 1036.94 |
| 13 | 1542862.60 | 2409635.73 | 1025.00 | 1036.50 |
| 14 | 1542874.32 | 2409632.84 | 1022.00 | 1036.12 |
| 15 | 1542887.71 | 2409629.41 | 1021.78 | 1036.08 |
| 16 | 1542919.22 | 2409628.68 | 1021.28 | 1038.00 |
| 17 | 1543000.48 | 2409628.79 | 1020.00 | 1020.00 |
| 18 | 1542437.50 | 2410447.86 | 1044.00 | 1082.00 |
| 19 | 1542387.83 | 2410495.40 | 1041.00 | 1057.24 |
| 20 | 1542378.18 | 2410512.47 | 1040.00 | 1051.00 |
| 21 | 1542355.21 | 2410526.28 | 1039.00 | 1046.00 |
| 22 | 1542331.34 | 2410538.22 | 1038.00 | 1040.00 |
| 23 | 1542309.13 | 2410546.78 | 1034.00 | 1034.00 |
| 24 | 1542248.54 | 2410559.73 | 1022.00 | 1022.00 |
| 25 | 1542202.58 | 2410574.51 | 1012.00 | 1012.00 |
| 26 | 1542138.77 | 2410587.87 | 998.00 | 998.00 |
| 27 | 1542101.03 | 2410610.88 | 988.00 | 988.00 |
| 28 | 1542094.56 | 2410628.45 | 987.85 | 987.85 |
| 29 | 1542143.59 | 2409992.32 | 1040.00 | 1040.00 |
| 30 | 1542066.81 | 2410093.04 | 1028.00 | 1028.00 |
| 31 | 1542047.29 | 2410112.86 | 1026.00 | 1026.00 |
| 32 | 1542028.26 | 2410140.45 | 1022.00 | 1022.00 |
| 33 | 1542009.88 | 2410184.29 | 1019.00 | 1019.00 |
| 34 | 1541976.36 | 2410252.70 | 1014.00 | 1014.00 |
| 35 | 1541945.27 | 2410351.18 | 1006.00 | 1006.00 |
| 36 | 1541971.39 | 2410477.28 | 996.00 | 996.00 |
| 37 | 1542122.04 | 2409619.24 | 1065.00 | 1072.00 |
| 38 | 1542072.81 | 2409722.23 | 1061.00 | 1062.00 |
| 39 | 1542061.18 | 2409747.27 | 1059.00 | 1060.00 |
| 40 | 1542055.00 | 2409775.09 | 1058.00 | 1058.00 |
| 41 | 1542048.63 | 2409800.71 | 1055.96 | 1055.96 |
| 42 | 1542038.19 | 2409817.14 | 1054.00 | 1054.00 |
| 43 | 1541998.61 | 2409865.76 | 1047.00 | 1047.00 |
| 44 | 1541953.43 | 2409910.44 | 1040.00 | 1040.00 |
| 45 | 1541916.02 | 2409962.66 | 1036.00 | 1036.00 |
| 46 | 1541903.31 | 2410026.81 | 1028.00 | 1028.00 |
| 47 | 1541811.35 | 2410137.60 | 1016.00 | 1016.00 |
| 48 | 1541737.98 | 2410200.67 | 1004.00 | 1004.00 |
| 49 | 1541397.67 | 2409295.47 | 1118.00 | 1118.00 |
| 50 | 1541464.91 | 2409367.67 | 1103.11 | 1103.80 |
| 51 | 1541505.27 | 2409456.80 | 1090.44 | 1090.13 |
| 52 | 1541536.36 | 2409545.71 | 1083.57 | 1083.97 |
| 53 | 1541577.27 | 2409632.13 | 1074.43 | 1074.43 |
| 54 | 1541643.15 | 2409705.98 | 1051.73 | 1052.21 |
| 55 | 1541700.54 | 2409781.58 | 1035.81 | 1039.00 |
| 56 | 1541765.61 | 2409855.25 | 1023.99 | 1024.00 |
| 57 | 1541762.61 | 2409954.19 | 1015.73 | 1016.00 |
| 58 | 1541744.60 | 2410050.74 | 1009.02 | 1010.30 |
| 59 | 1541746.69 | 2410140.35 | 1004.89 | 1004.64 |
| 60 | 1541747.71 | 2410235.95 | 1004.00 | 1004.00 |
| 61 | 1541790.92 | 2410326.13 | 1002.99 | 1002.87 |
| 62 | 1541853.33 | 2410399.47 | 1000.47 | 1001.89 |
| 63 | 1541936.82 | 2410454.50 | 997.31 | 998.74 |
| 64 | 1542022.63 | 2410505.72 | 993.69 | 993.97 |
| 65 | 1542076.37 | 2410587.35 | 987.99 | 987.99 |
| 66 | 1542081.09 | 2410679.82 | 985.01 | 985.07 |
| 67 | 1542035.42 | 2410762.37 | 977.33 | 977.71 |
| 68 | 1541995.56 | 2410845.51 | 970.29 | 970.45 |
| 69 | 1541981.93 | 2410953.15 | 957.00 | 957.00 |



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 - CONTOUR INTERVAL IS TWO FEET.

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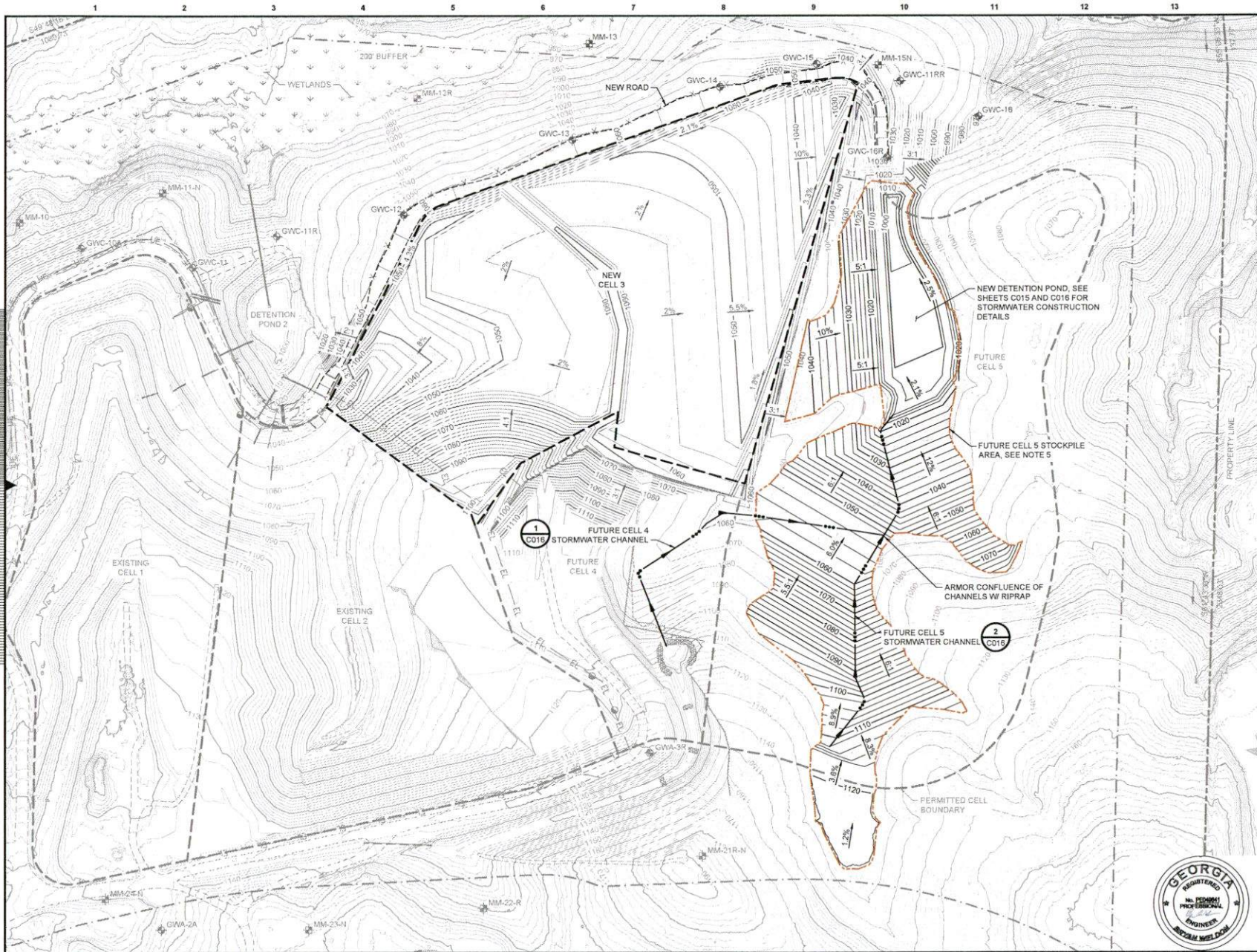
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| AUGUST 28, 2023 | M. AULT | M. AULT | B. WELDON |

HALL COUNTY
 GEORGIA
 Candler Road Landfill
 PERMIT # 069-15D(MSWL)
 HALL COUNTY, GEORGIA

PHASE II CELL 3 CONSTRUCTION
 UNDERDRAIN PLAN

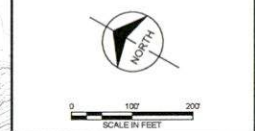
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 - CONTRACTOR MAY EXTEND STOCKPILE LIMITS WITHIN FUTURE CELL 5 BOUNDARY, SO LONG AS THE STORMWATER DRAINAGE CHANNEL IS MAINTAINED.
 - CONTRACTOR TO COORDINATE STAGING AREA, EXCAVATION, AND STOCKPILING WITH OWNER.



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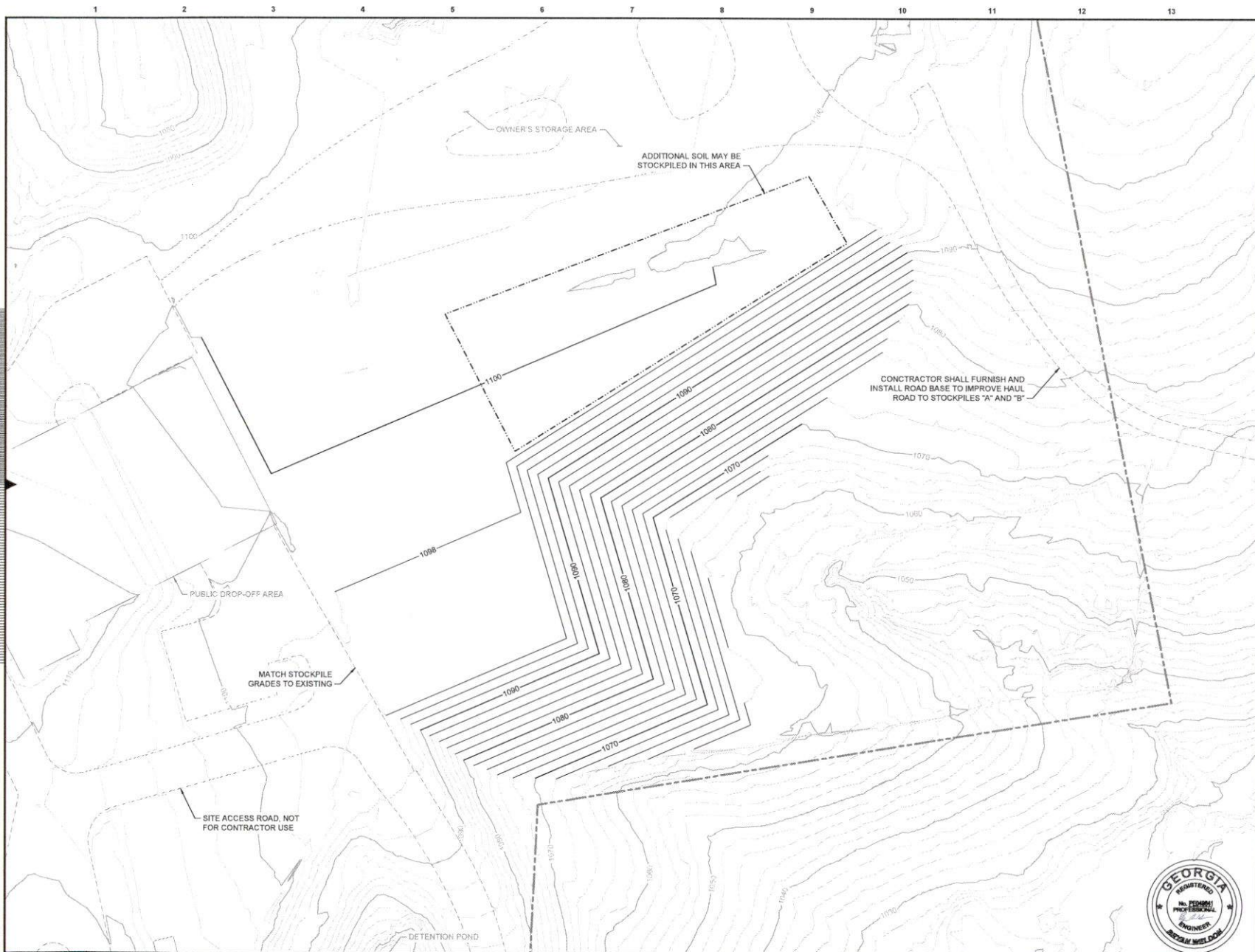
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| AUGUST 28, 2023 | M. AULT |
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| M. AULT | B. WELDON |



PHASE II CELL 3 CONSTRUCTION
 FUTURE CELL 5
 STOCKPILE FILL PLAN

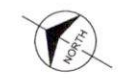
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 - HORIZONTAL DATUM BASED ON NAD 83 GEORGIA STATE PLANES, WEST ZONE. VERTICAL DATUM BASED ON NAVD 88.
 - DESIGN CONTOURS REPRESENT FINISHED GRADES.
 - CONTOUR INTERVAL IS TWO FEET.
 - CONTRACTOR SHALL PLACE GENERAL FILL SOIL AS SHOWN AND GRADE TO CREATE AN EXTENSION OF THE OWNER'S EXISTING STORAGE AREA.
 - GENERAL FILL SHALL BE PLACED AND COMPACTED IN ACCORDANCE WITH PROJECT SPECIFICATIONS, QUALITY CONTROL TESTING FOR DENSITY IS NOT REQUIRED FOR STOCKPILE B.
 - CONTRACTOR SHALL PLACE SILT FENCE AROUND THE PERIMETER OF STOCKPILE B. SEED AND STABILIZE SLOPES AS SOON AS PRACTICAL, AND COMPLETE ANY OTHER STOCKPILE BMPs IN ACCORDANCE WITH THE ESPCP.
 - CONTRACTOR TO COORDINATE STAGING AREA, EXCAVATION, AND STOCKPILING WITH OWNER.



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McDONNELL**
 4004 SUMMIT BLVD NE, SUITE 1200
 ATLANTA, GA 30319
 770-597-4770
 Burns & McDonnell Engineering Co. Inc.
 COA: PEF00100 (EXP DATE: 6/30/2024)

| date | detailed |
|-----------------|-----------|
| AUGUST 28, 2023 | M. AULT |
| designed | checked |
| M. AULT | B. WELDON |

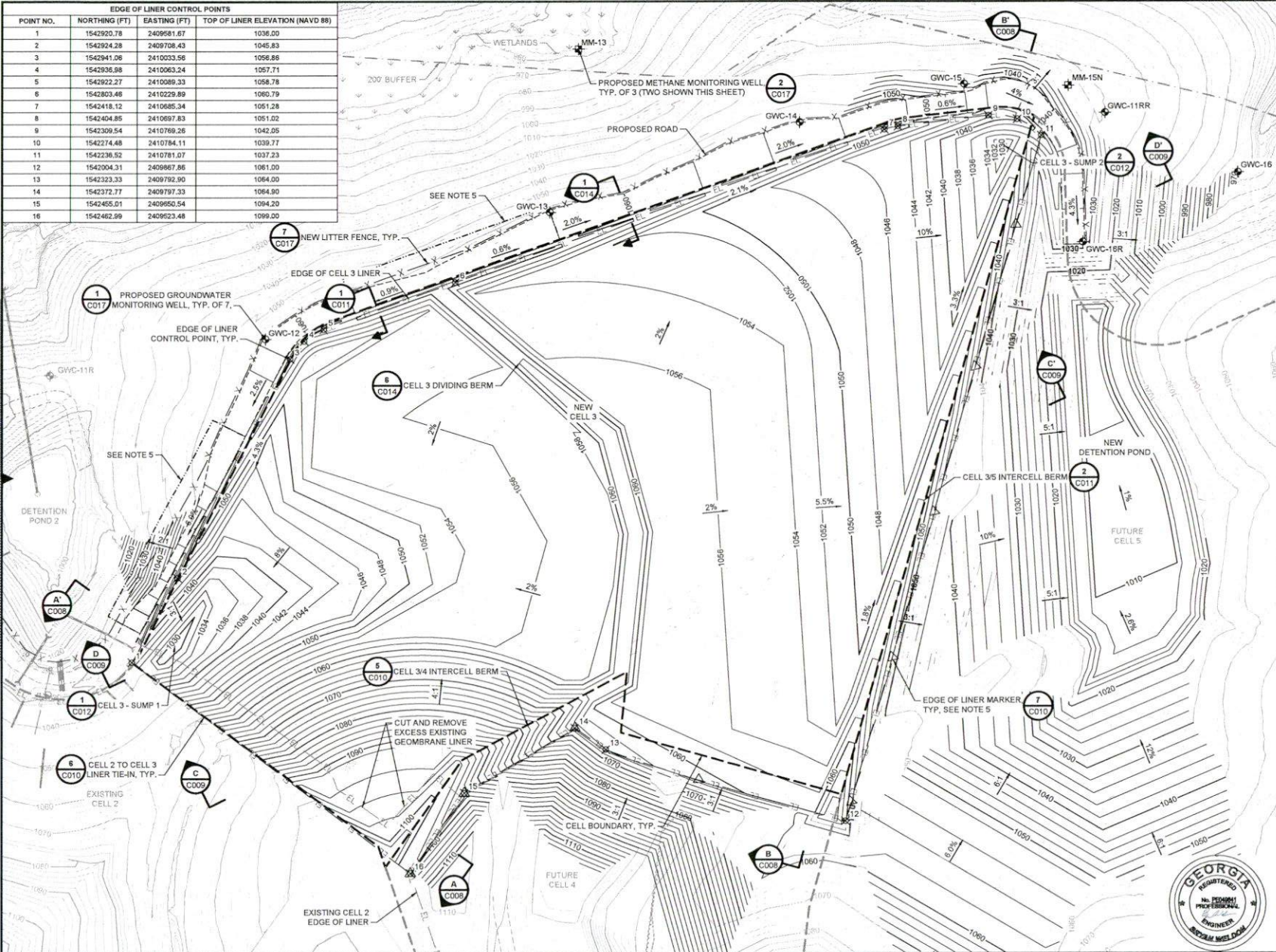


**PHASE II CELL 3 CONSTRUCTION
 STOCKPILE B FILL
 PLAN**

| | | | |
|---------|-------------|----------|-------------|
| project | 152292 | contract | PO # 435114 |
| drawing | C004 | rev. | 0 |
| sheet | 9 | of | 39 sheets |

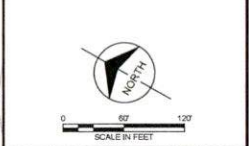


| EDGE OF LINER CONTROL POINTS | | | |
|------------------------------|---------------|--------------|----------------------------------|
| POINT NO. | NORTHING (FT) | EASTING (FT) | TOP OF LINER ELEVATION (NAVD 88) |
| 1 | 1542920.78 | 2409581.67 | 1036.00 |
| 2 | 1542924.28 | 2409708.43 | 1045.83 |
| 3 | 1542941.06 | 2410033.56 | 1056.86 |
| 4 | 1542936.98 | 2410063.24 | 1057.71 |
| 5 | 1542922.27 | 2410089.33 | 1058.78 |
| 6 | 1542803.48 | 2410229.89 | 1060.79 |
| 7 | 1542418.12 | 2410685.34 | 1051.28 |
| 8 | 1542404.85 | 2410697.83 | 1051.02 |
| 9 | 1542309.54 | 2410766.26 | 1042.05 |
| 10 | 1542274.48 | 2410784.11 | 1039.77 |
| 11 | 1542236.52 | 2410781.07 | 1037.23 |
| 12 | 1542004.31 | 2409867.86 | 1061.00 |
| 13 | 1542323.33 | 2409792.90 | 1064.00 |
| 14 | 1542372.77 | 2409797.33 | 1064.90 |
| 15 | 1542465.01 | 2409650.54 | 1094.20 |
| 16 | 1542462.99 | 2409623.48 | 1099.00 |



| no. | date | by | ckd | description |
|-----|---------|-----|-----|----------------|
| 0 | 8/28/23 | MLA | BSW | ISSUED FOR BID |

- NOTES:
- EXISTING TOPOGRAPHY BASED ON SURVEY COMPLETED BY ROCHESTER & ASSOCIATES, INC. DATED OCTOBER 2019 AND SUPPLEMENTAL SURVEY OF CELL 3 AND 4 AREA COMPLETED BY MAXWELL-REDDICK AND ASSOCIATES DATED APRIL 2023.
 - HORIZONTAL DATUM BASED ON NAD 83 GEORGIA STATE PLANES, WEST ZONE. VERTICAL DATUM BASED ON NAVD 88.
 - DESIGN CONTOURS WITHIN CELL 3 REPRESENT TOP OF RECOMPACTED SOIL LAYER GRADES. DESIGN CONTOURS OUTSIDE OF CELL 3 REPRESENT FINISHED GRADES.
 - CONTOUR INTERVAL IS TWO FEET.
 - ROAD GRADES SHOWN IN THE HIGHLIGHTED AREAS ARE INTENDED TO FACILITATE CONSTRUCTION ACCESS, BUT DO NOT REPRESENT FINAL FINISHED GRADES. PLAN FOR FINISHED GRADES IN THESE LOCATIONS WILL BE PROVIDED VIA FUTURE ADDENDA.
 - CONTRACTOR SHALL INSTALL EDGE OF LINER MARKERS EVERY 200 LINEAR FEET ALONG LIMITS OF LINER, EXCEPT FOR ALONG CONNECTIONS TO EXISTING LINER OR ALONG THE PERIMETER ACCESS ROAD.



BURNS MCDONNELL
 4004 SUMMIT BLVD NE, SUITE 1200
 ATLANTA, GA 30319
 770-587-4778
 Burns & McDonnell Engineering Co., Inc.
 COA: PEF00100 (EXP DATE: 6/30/2024)

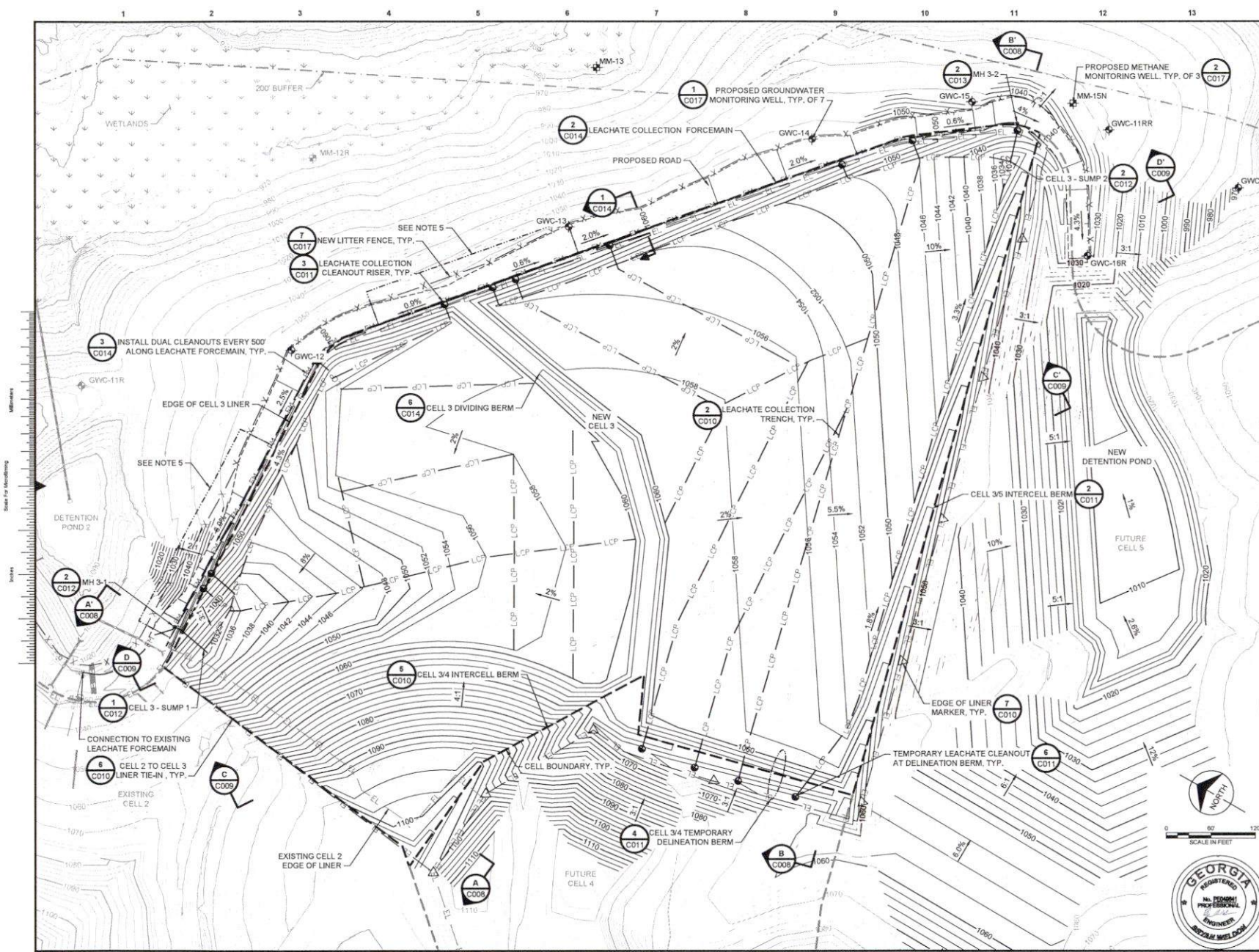
| date | detailed |
|-----------------|-----------|
| AUGUST 28, 2023 | M. AULT |
| designed | checked |
| M. AULT | B. WELDON |

HALL COUNTY
 GEORGIA
 CANDLER ROAD LANDFILL
 PERMIT # 069-150(MSWL)
 HALL COUNTY, GEORGIA

PHASE II CELL 3 CONSTRUCTION
 CELL 3 RECOMPACTED SOIL
 LAYER GRADING PLAN

| project | contract |
|--|-------------|
| 152292 | PO # 435114 |
| drawing | rev. |
| C005 | 0 |
| sheet 10 of 39 sheets | |
| file C005 Cell 3 Recompacted Soil Layer Grading Plan.dwg | |





| no. | date | by | ckd | description |
|-----|---------|-----|-----|----------------|
| 0 | 8/28/23 | MLA | BSW | ISSUED FOR BID |

- NOTES:
- EXISTING TOPOGRAPHY BASED ON SURVEY COMPLETED BY ROCHESTER & ASSOCIATES, INC. DATED OCTOBER 2019 AND SUPPLEMENTAL SURVEY OF CELL 3 AND 4 AREA COMPLETED BY MAXWELL-REDDICK AND ASSOCIATES DATED APRIL 2023.
 - HORIZONTAL DATUM BASED ON NAD 83 GEORGIA STATE PLANES, WEST ZONE. VERTICAL DATUM BASED ON NAVD 88.
 - DESIGN CONTOURS WITHIN CELL 3 REPRESENT TOP OF LEACHATE DRAINAGE LAYER. DESIGN CONTOURS OUTSIDE OF CELL 3 REPRESENT FINISHED GRADES.
 - CONTOUR INTERVAL IS TWO FEET.
 - ROAD GRADES SHOWN IN THE HIGHLIGHTED AREAS ARE INTENDED TO FACILITATE CONSTRUCTION ACCESS, BUT DO NOT REPRESENT FINAL FINISHED GRADES. PLAN FOR FINISHED GRADES IN THESE LOCATIONS WILL BE PROVIDED VIA FUTURE ADDENDA.
 - LIMIT MARKER POSTS SHALL BE PLACED EVERY 100-FEET ALONG THE WEST BOUNDARY OF CELL 3.
 - CONTRACTOR SHALL USE 45" LONG RADIUS SWEEP ELBOWS FOR PIPE CONSTRUCTION. 90° ELBOWS SHALL NOT BE USED ON PROJECT.

BURNS MEDONNELL
 4004 SUMMIT BLVD NE, SUITE 1200
 ATLANTA, GA 30319
 770-587-4775
 Burns & McDonnell Engineering Co., Inc.
 COA: PEF00100 [EXP DATE: 6/30/2024]

| date | detailed |
|-----------------|-----------|
| AUGUST 28, 2023 | M. AULT |
| designed | checked |
| M. AULT | B. WELDON |

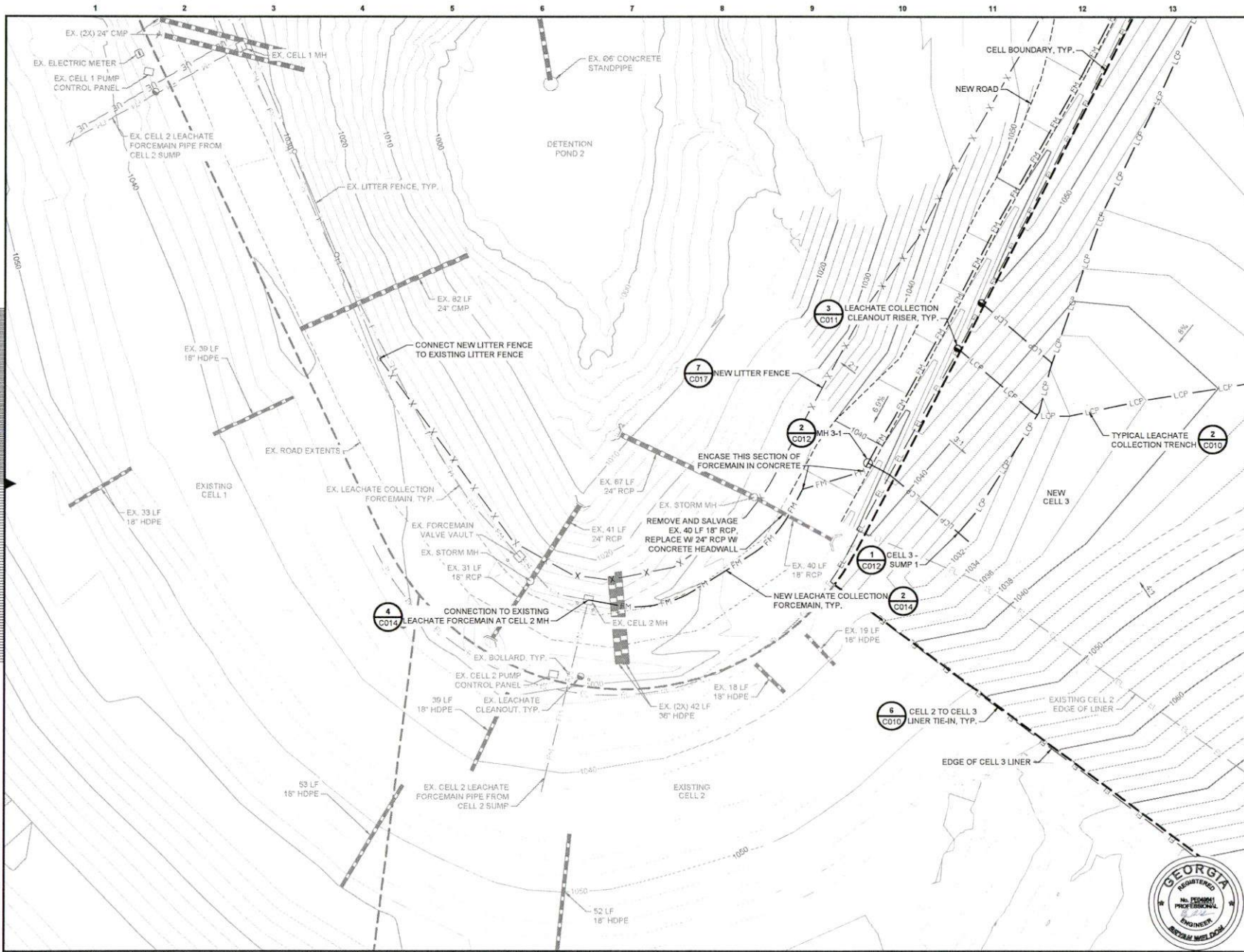
HALL COUNTY
 Candler Road Landfill
 Permit # 069-15D(MSWL)
 HALL COUNTY, GEORGIA

PHASE II CELL 3 CONSTRUCTION
LEACHATE COLLECTION SYSTEM PLAN

| | | | |
|---------|-------------|----------|-------------|
| project | 152292 | contract | PO # 435114 |
| drawing | C006 | rev. | 0 |
| sheet | 11 | of 39 | sheets |

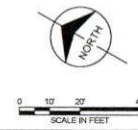
file: C006 Leachate Collection System Plan.dwg





| no. | date | by | chkd | description |
|-----|---------|-----|------|----------------|
| 0 | 8/28/23 | MLA | BSW | ISSUED FOR BID |

- NOTES:
- EXISTING TOPOGRAPHY BASED ON SURVEY COMPLETED BY ROCHESTER & ASSOCIATES, INC. DATED OCTOBER 2019 AND SUPPLEMENTAL SURVEY OF CELL 3 AND 4 AREA COMPLETED BY MAXWELL-REDDICK AND ASSOCIATES DATED APRIL 2023.
 - HORIZONTAL DATUM BASED ON NAD 83 GEORGIA STATE PLANES, WEST ZONE. VERTICAL DATUM BASED ON NAVD 88.
 - DESIGN CONTOURS WITHIN CELL 3 REPRESENT TOP OF LEACHATE DRAINAGE LAYER. DESIGN CONTOURS OUTSIDE OF CELL 3 REPRESENT FINISHED GRADES.
 - CONTOUR INTERVAL IS TWO FEET.



BURNS & MCDONNELL
 4004 SUMMIT BLVD NE, SUITE 1200
 ATLANTA, GA 30319
 770-587-4778
 Burns & McDonnell Engineering Co. Inc.
 COA: PEF00100 (EXP. DATE: 6/30/2024)

| date | detailed |
|-----------------|-----------|
| AUGUST 28, 2023 | M. AULT |
| designed | checked |
| M. AULT | B. WELDON |



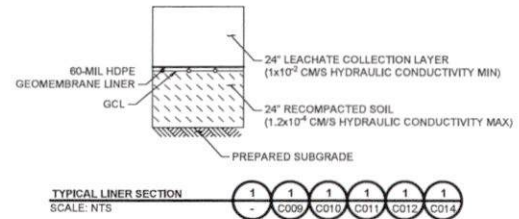
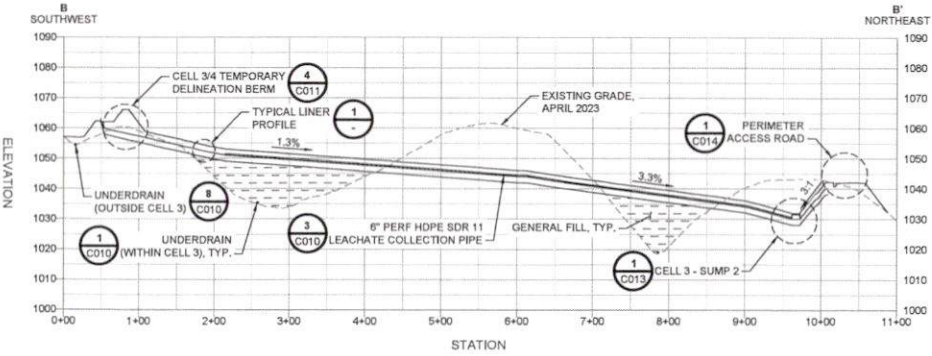
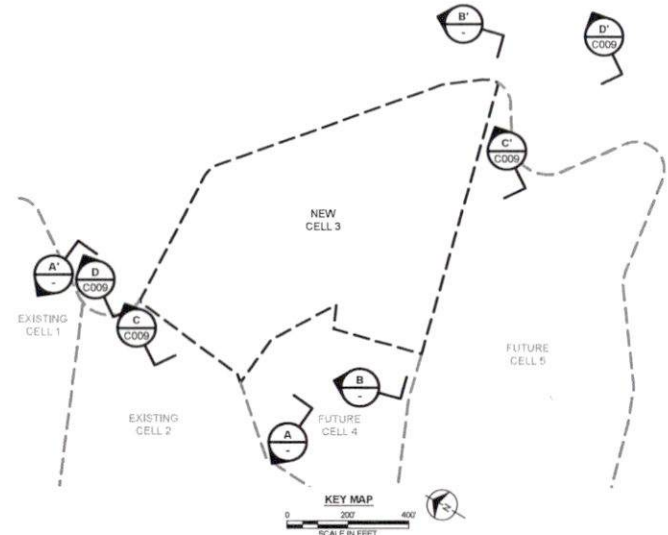
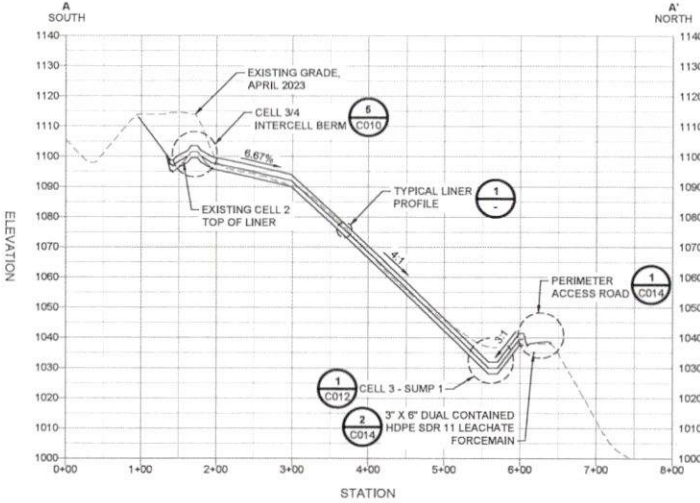
CANDLER ROAD LANDFILL
 PERMIT #: 099-150(MSWL)
 HALL COUNTY, GEORGIA

**PHASE II CELL 3 CONSTRUCTION
 LEACHATE COLLECTION
 FORCEMAIN PLAN**

| project | contract |
|--|-------------|
| 152292 | PO # 435114 |
| drawing | rev. |
| C007 | 0 |
| sheet 11 of 39 sheets | |
| file: C007 Leachate Collection Forceman Plan.dwg | |



1 2 3 4 5 6 7 8 9 10 11 12 13



| no. | date | by | ckd | description |
|-----|---------|-----|-----|----------------|
| 0 | 8/28/23 | MLA | BSW | ISSUED FOR BID |

- NOTES:
- EXISTING TOPOGRAPHY BASED ON SURVEY COMPLETED BY ROCHESTER & ASSOCIATES, INC. DATED OCTOBER 2019 AND SUPPLEMENTAL SURVEY OF CELL 3 AND 4 AREA COMPLETED BY MAXWELL-REDDICK AND ASSOCIATES DATED APRIL 2023.
 - SITE TOPOGRAPHY AT LINER TIE-IN LOCATIONS MAY VARY DUE TO OWNER'S CONSTRUCTION OR DAILY COVER MATERIAL STOCKPILING.
 - WASTE EXCAVATIONS AT LINER TIE-INS TO BE PERFORMED AT MAXIMUM SLOPE OF 3 FEET HORIZONTAL TO 1 FOOT VERTICAL.

BURNS MEDONNELL
 4004 SUMMIT BLVD NE, SUITE 1200
 ATLANTA, GA 30319
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 Burns & McDonnell Engineering Co., Inc.
 COA: PEF00100 (EXP DATE: 6/30/2024)

| | | |
|-----------------|----------|-----------|
| date | designed | detailed |
| AUGUST 28, 2023 | M. AULT | M. AULT |
| | checked | |
| | M. AULT | B. WELDON |

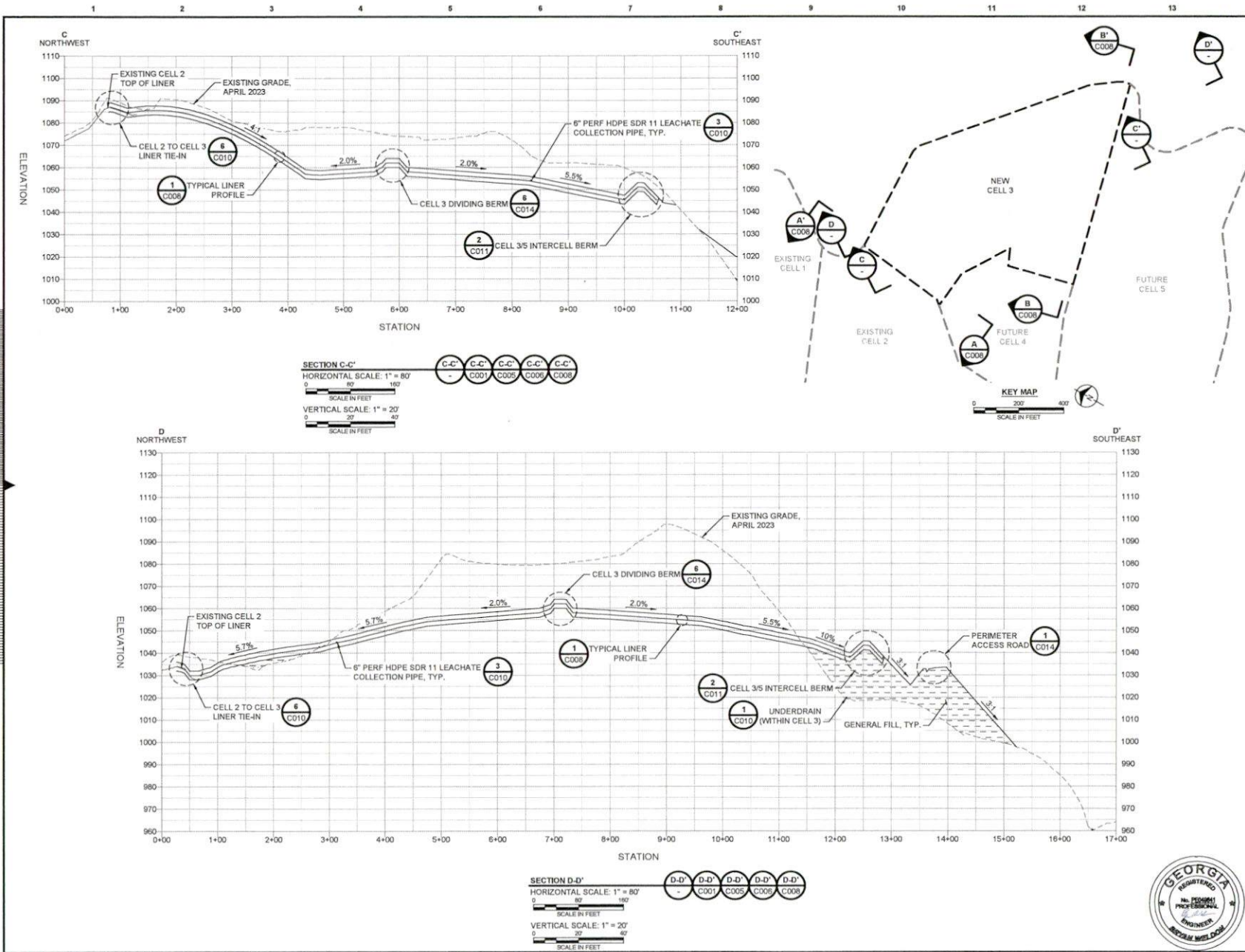
HALL COUNTY
 CANDLER ROAD LANDFILL
 PERMIT # 069-150(MSWL)
 HALL COUNTY, GEORGIA

PHASE II CELL 3 CONSTRUCTION
 CELL 3 CROSS SECTIONS, 1 OF 2

| | | | |
|---------|-------------|----------|-------------|
| project | 152292 | contract | PO # 435114 |
| drawing | C008 | rev. | 0 |

sheet 13 of 39 sheets
 file C008 Cell 3 Cross Sections, 1 of 2.dwg





| no. | date | by | chkd | description |
|-----|---------|-----|------|----------------|
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- NOTES:
- EXISTING TOPOGRAPHY BASED ON SURVEY COMPLETED BY ROCHESTER & ASSOCIATES, INC. DATED OCTOBER 2019 AND SUPPLEMENTAL SURVEY OF CELL 3 AND 4 AREA COMPLETED BY MAXWELL-REDDICK AND ASSOCIATES DATED APRIL 2023.
 - SITE TOPOGRAPHY AT LINER TIE-IN LOCATIONS MAY VARY DUE TO OWNER'S CONSTRUCTION OR DAILY COVER MATERIAL STOCKPILING.
 - WASTE EXCAVATIONS AT LINER TIE-INS TO BE PERFORMED AT MAXIMUM SLOPE OF 3 FEET HORIZONTAL TO 1 FOOT VERTICAL.

BURNS & MCDONNELL
 4004 SUMMIT BLVD NE, SUITE 1200
 ATLANTA, GA 30319
 770-587-4776
 Burns & McDonnell Engineering Co., Inc.
 COA: PEF00100 (EXP. DATE: 6/30/2024)

| date | detailed |
|-----------------|-----------|
| AUGUST 28, 2023 | M. AULT |
| designed | checked |
| M. AULT | B. WELDON |

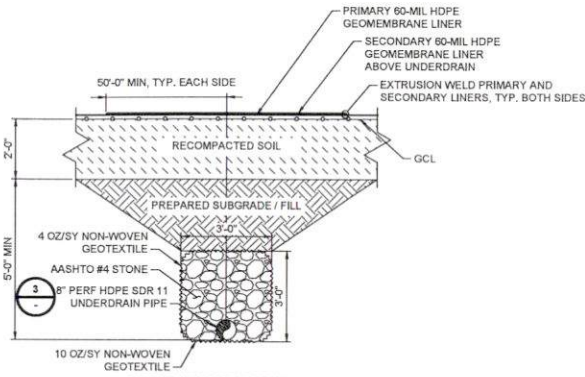
HALL COUNTY
 GEORGIA
 CANDLER ROAD LANDFILL
 PERMIT # 099-150(MSRL)
 HALL COUNTY, GEORGIA

PHASE II CELL 3 CONSTRUCTION
 CELL 3 CROSS SECTIONS, 2 OF 2

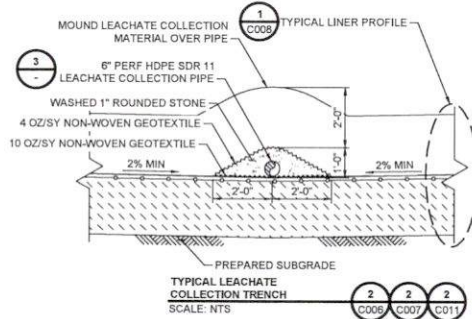
| project | contract |
|-----------------------|---|
| 152292 | PO # 435114 |
| drawing | rev. |
| C009 | 0 |
| sheet 14 of 39 sheets | file C009 Cell 3 Cross Sections, 2 of 2.dwg |



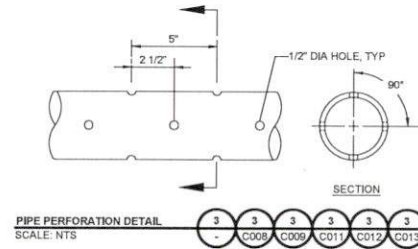
1 2 3 4 5 6 7 8 9 10 11 12 13



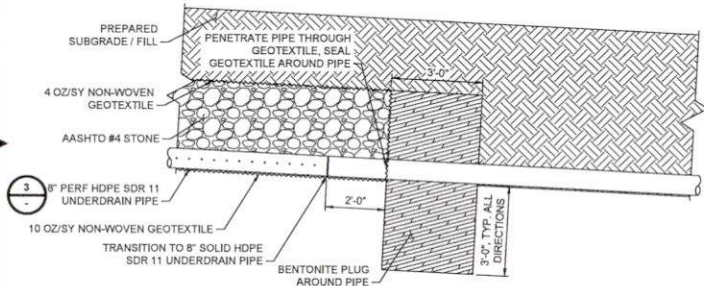
TYPICAL UNDERDRAIN SECTION (WITHIN CELL 3)
SCALE: NTS



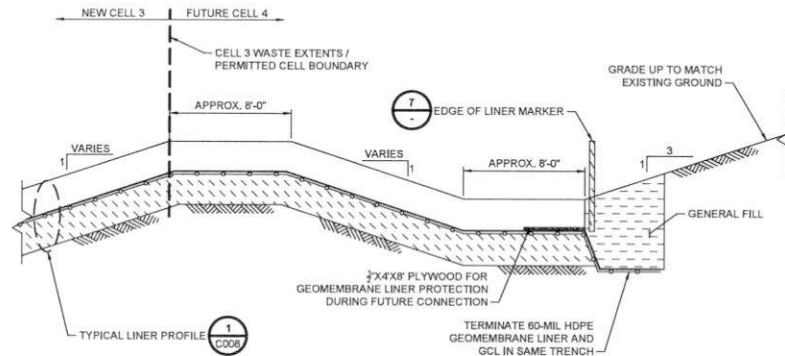
TYPICAL LEACHATE COLLECTION TRENCH
SCALE: NTS



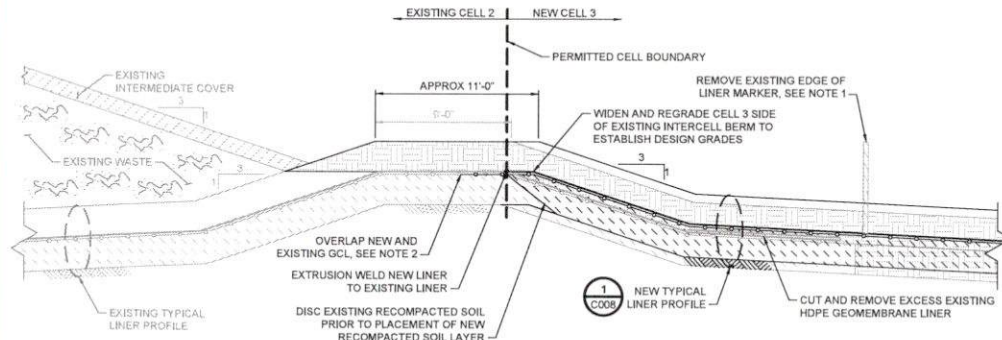
PIPE PERFORATION DETAIL
SCALE: NTS



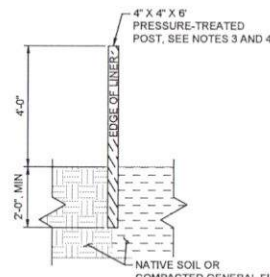
UNDERDRAIN PERFORATED TO SOLID PIPE TRANSITION
SCALE: NTS



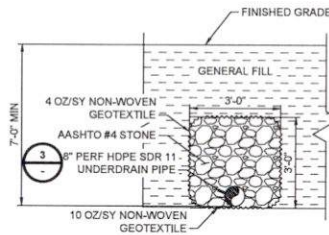
CELL 3/4 INTERCELL BERM
SCALE: NTS



CELL 2 TO CELL 3 LINER TIE-IN
SCALE: NTS



EDGE OF LINER MARKER
SCALE: NTS



TYPICAL UNDERDRAIN SECTION (OUTSIDE CELL 3)
SCALE: NTS

| no. | date | by | ckd | description |
|-----|---------|-----|-----|----------------|
| 0 | 8/28/23 | MLA | BSW | ISSUED FOR BID |

- NOTES:
- REMOVE EXISTING TEMPORARY EDGE OF LINER MARKERS ALONG CELL 2/3 LINER TIE-IN AND REUSE ALONG CELL 3/4 AND 3/5 LINER TERMINATION.
 - NEW GCL SHALL OVERLAP EXISTING GCL BY AT LEAST 3'. BENTONITE POWDER SHALL BE PLACED ALONG EDGE OF NEW GCL AT CELL 2/3 TIE-IN.
 - EDGE OF LINER MARKER SHALL BE PAINTED WHITE WITH TWO COATS OF WATERPROOF WOOD PAINT INTENDED FOR OUTDOOR USE. REPAINT REUSED MARKERS AS NEEDED.
 - EDGE OF LINER MARKER SHALL READ "EDGE OF LINER". FONT SHALL BE "ARIAL", "ARIAL BLACK", OR APPROVED ALTERNATE, AT AN APPROPRIATE LEGIBLE FONT SIZE.



4004 SUMMIT BLVD NE, SUITE 1200
ATLANTA, GA 30319
770-567-4776
Burns & McDonnell Engineering Co., Inc.
COA: PEF00100 (EXP. DATE: 6/30/2024)

| date | detailed |
|-----------------|-----------|
| AUGUST 28, 2023 | M. AULT |
| designed | checked |
| M. AULT | B. WELDON |



CANDLER ROAD LANDFILL
PERMIT # 069-15D(MSWL)
HALL COUNTY, GEORGIA

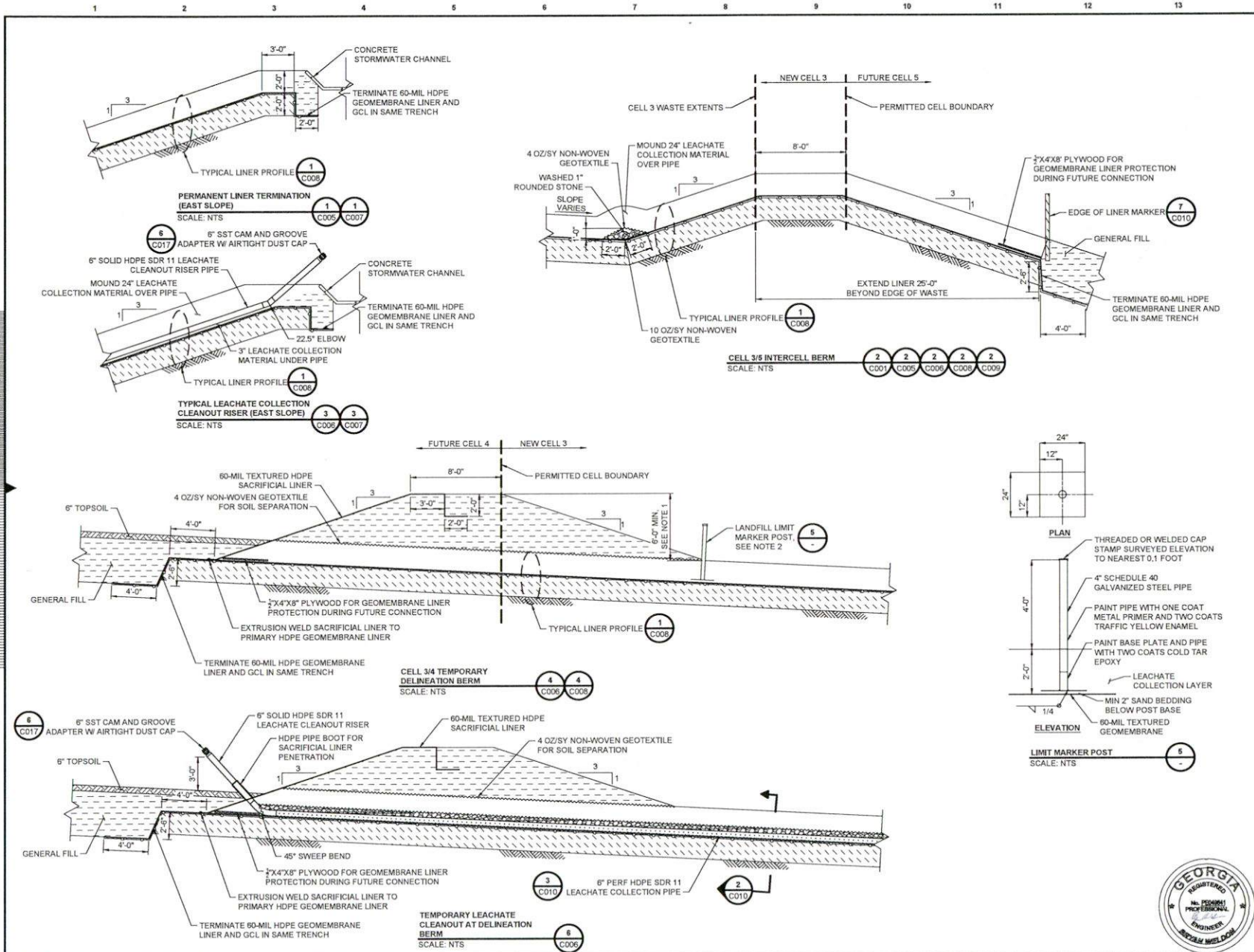
PHASE II CELL 3 CONSTRUCTION
CELL 3 CONSTRUCTION DETAILS, 1 OF 5

| project | contract |
|---------|-------------|
| 152292 | PO # 435114 |

drawing: **C010** rev.: **0**

sheet 15 of 39 sheets
file: C010 Cell 3 Construction Details, 1 of 5.dwg





| no. | date | by | ckd | description |
|-----|---------|-----|-----|----------------|
| 0 | 8/28/23 | MLA | BSW | ISSUED FOR BID |

- NOTES:
- HEIGHT OF BERM VARIES, SEE C006 FOR BERM GRADING PLAN.
 - LIMIT MARKER POSTS SHALL BE PLACED EVERY 100-FEET ALONG THE WEST BOUNDARY OF CELL 3.

BURNS & MCDONNELL
4004 SUMMIT BLVD NE, SUITE 1200
ATLANTA, GA 30319
770-587-4779
Burns & McDonnell Engineering Co. Inc.
COA: PEF00100 (EXP DATE: 6/30/2024)

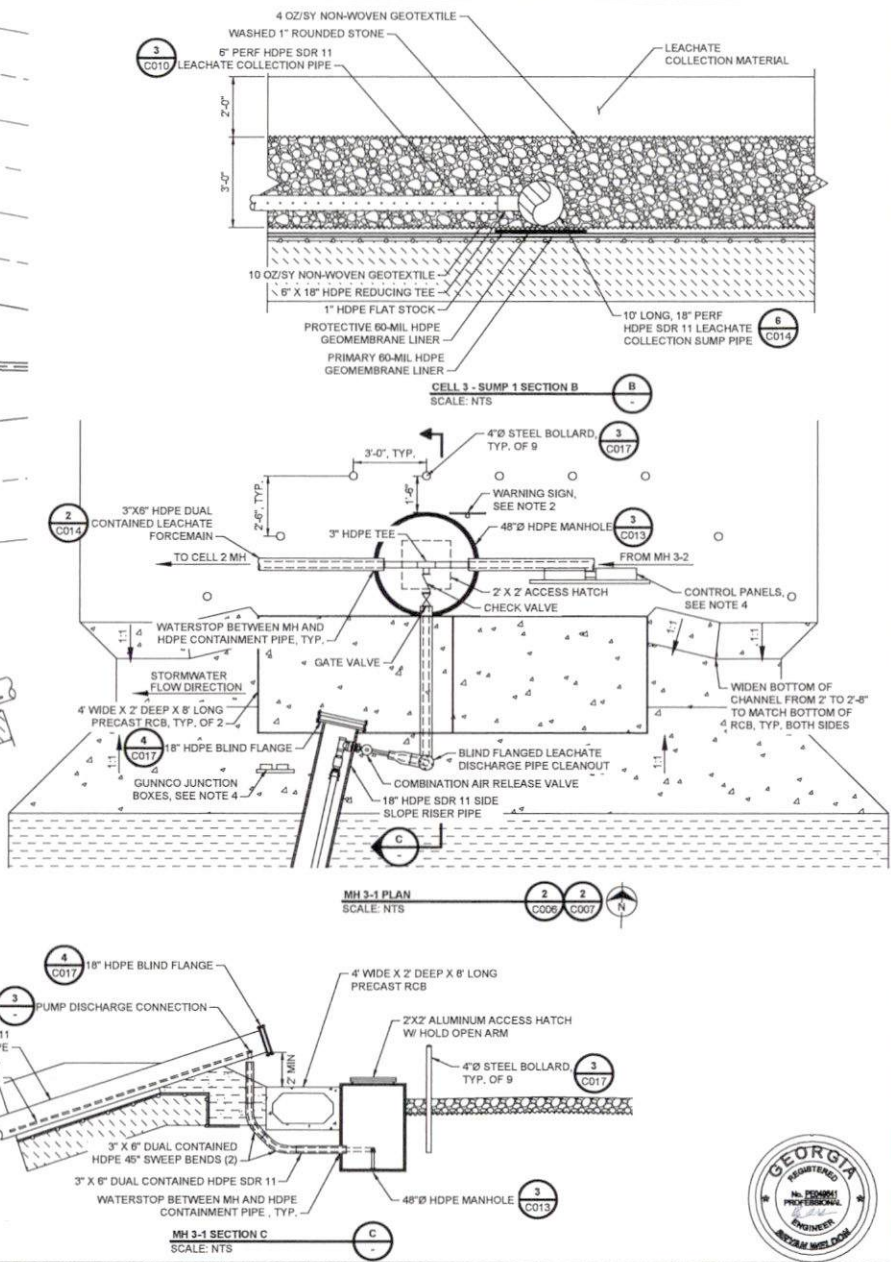
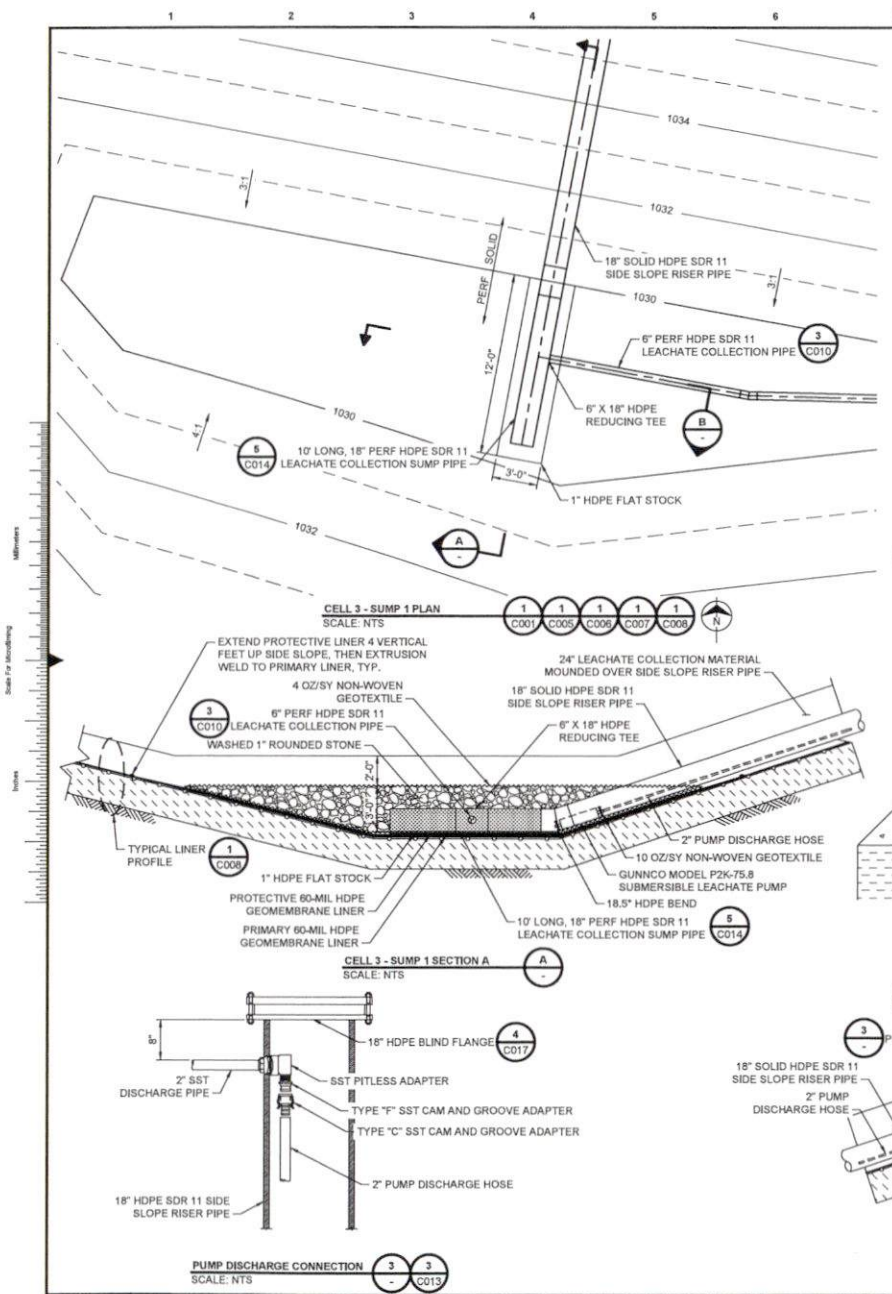
| | | | |
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| date | AUGUST 28, 2023 | detailed | M. AULT |
| designed | M. AULT | checked | B. WELDON |

HALL COUNTY
FLORIDA
CANDLER ROAD LANDFILL
PERMIT # 089-15D(MSWL)
HALL COUNTY, GEORGIA

PHASE II CELL 3 CONSTRUCTION
CELL 3 CONSTRUCTION DETAILS, 2 OF 5

| | | | |
|---------|--|----------|-------------|
| project | 152292 | contract | PO # 435114 |
| drawing | C011 | rev. | 0 |
| sheet | 16 | of | 39 |
| file | C011 Cell 3 Construction Details, 2 of 5.dwg | | |





| no. | date | by | ckd | description |
|-----|---------|-----|-----|----------------|
| 0 | 8/28/23 | MLA | BSW | ISSUED FOR BID |

- NOTES:
- DESIGN CONTOURS SHOWN ON CELL 3 - SUMP 1 PLAN REPRESENT TOP OF GEOMEMBRANE LINER GRADES. CONTOUR INTERVAL IS ONE FOOT.
 - CAUTION SIGN WHICH READS "CAUTION - CONFINED SPACE - ENTRY BY PERMIT ONLY" OR ENGINEER-APPROVED ALTERNATIVE SHALL BE INSTALLED AT EACH NEW MANHOLE.
 - ALL SIDE SLOPE RISER PIPING SHALL BE FUSED USING ELECTROFUSION COUPLINGS. BUTT FUSION WELDING IS NOT ALLOWED ON SIDE SLOPE RISER PIPING.
 - ELECTRICAL CONDUIT NOT SHOWN ON MH 3-1 DETAILS THIS SHEET FOR CLARITY. SEE E103 FOR LAYOUT OF ELECTRICAL FEATURES AT MH 3-1.

BURNS & MCDONNELL
 4004 SUMMIT BLVD NE, SUITE 1200
 ATLANTA, GA 30319
 770-587-4776
 Burns & McDonnell Engineering Co., Inc.
 COA: PEF00100 (EXP DATE: 6/30/2024)

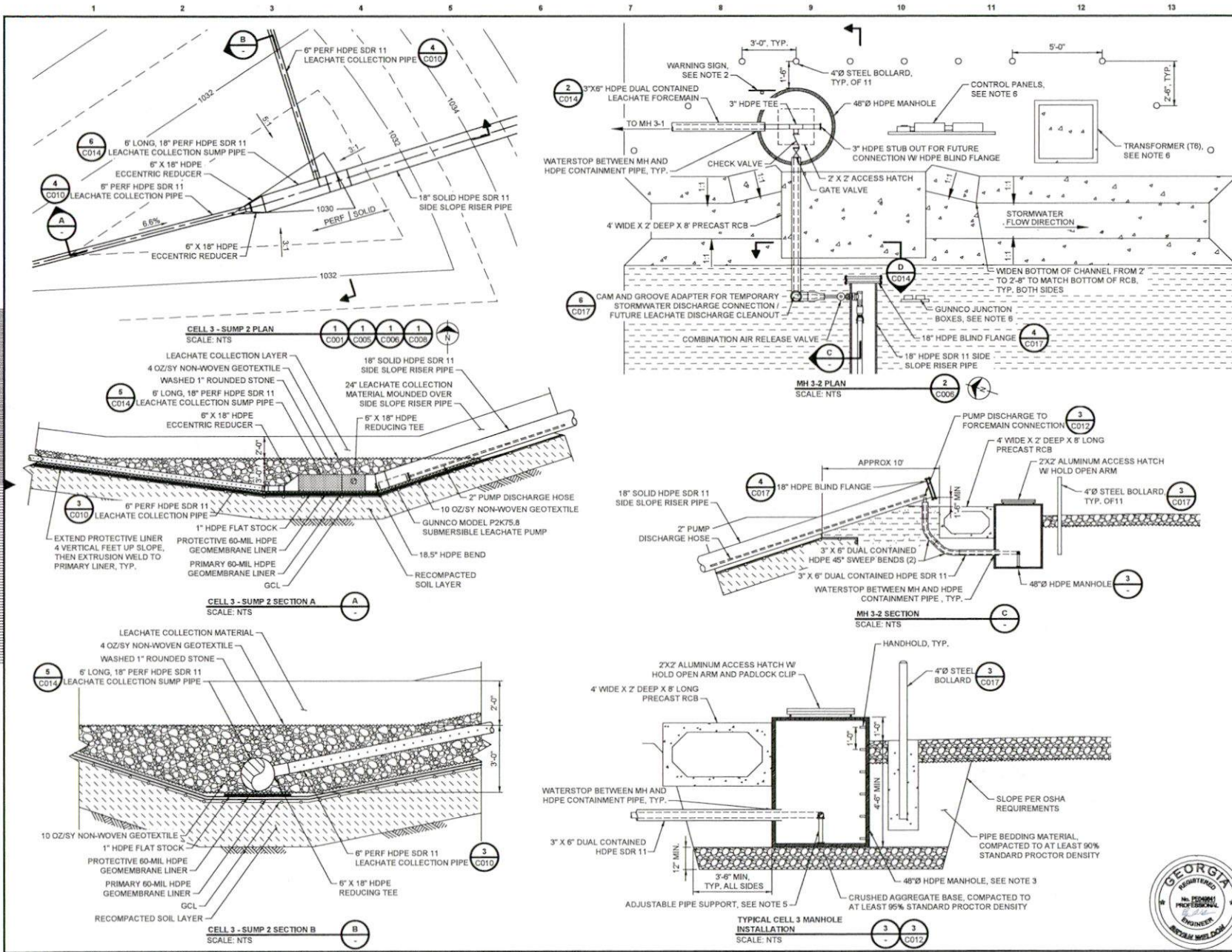
| date | detailed |
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| AUGUST 28, 2023 | M. AULT |
| designed | checked |
| M. AULT | B. WELDON |

HALL COUNTY
 Candler Road Landfill
 PERMIT #: 069-150(MSWL)
 HALL COUNTY, GEORGIA

PHASE II CELL 3 CONSTRUCTION
 CELL 3 CONSTRUCTION DETAILS, 3 OF 5

| project | contract |
|-----------------------|-------------|
| 152292 | PO # 435114 |
| drawing | rev. |
| C012 | 0 |
| sheet 17 of 39 sheets | |





| no. | date | by | ckd | description |
|-----|---------|-----|-----|----------------|
| 0 | 8/28/23 | MLA | BSW | ISSUED FOR BID |

- NOTES:
- DESIGN CONTOURS SHOWN ON CELL 3 - SUMP 2 PLAN REPRESENT TOP OF GEOMEMBRANE LINER GRADES. CONTOUR INTERVAL IS ONE FOOT.
 - CAUTION SIGN WHICH READS "CAUTION - CONFINED SPACE - ENTRY BY PERMIT ONLY" OR ENGINEER-APPROVED ALTERNATIVE SHALL BE INSTALLED AT EACH NEW MANHOLE.
 - HDPE MANHOLE SHALL BE PREFABRICATED. WALL THICKNESS SHALL BE DETERMINED BY MANUFACTURER BASED ON BURIAL DEPTH.
 - ALL SIDE SLOPE RISER PIPING SHALL BE FUSED USING ELECTROFUSION COUPLINGS. BUTT FUSION WELDING IS NOT ALLOWED ON SIDE SLOPE RISER PIPING.
 - ADJUSTABLE PIPE SUPPORTS SHALL BE PLACED UNDER EACH VALVE, FITTING, AND OTHER SECTIONS OF PIPE WITHIN MANHOLE AS NEEDED.
 - ELECTRICAL CONDUIT NOT SHOWN ON MH 3-2 DETAILS THIS SHEET FOR CLARITY. SEE 105 FOR LAYOUT OF ELECTRICAL FEATURES AT MH 3-2.

BURNS MEDONNELL
4004 SUMMIT BLVD NE, SUITE 1200
ATLANTA, GA 30319
770-587-4778
Burns & McDonnell Engineering Co., Inc.
COA: PEP00100 (EXP. DATE: 9/30/2024)

| date | designed | checked | drawn |
|-----------------|----------|-----------|---------|
| AUGUST 28, 2023 | M. AULT | B. WELDON | M. AULT |

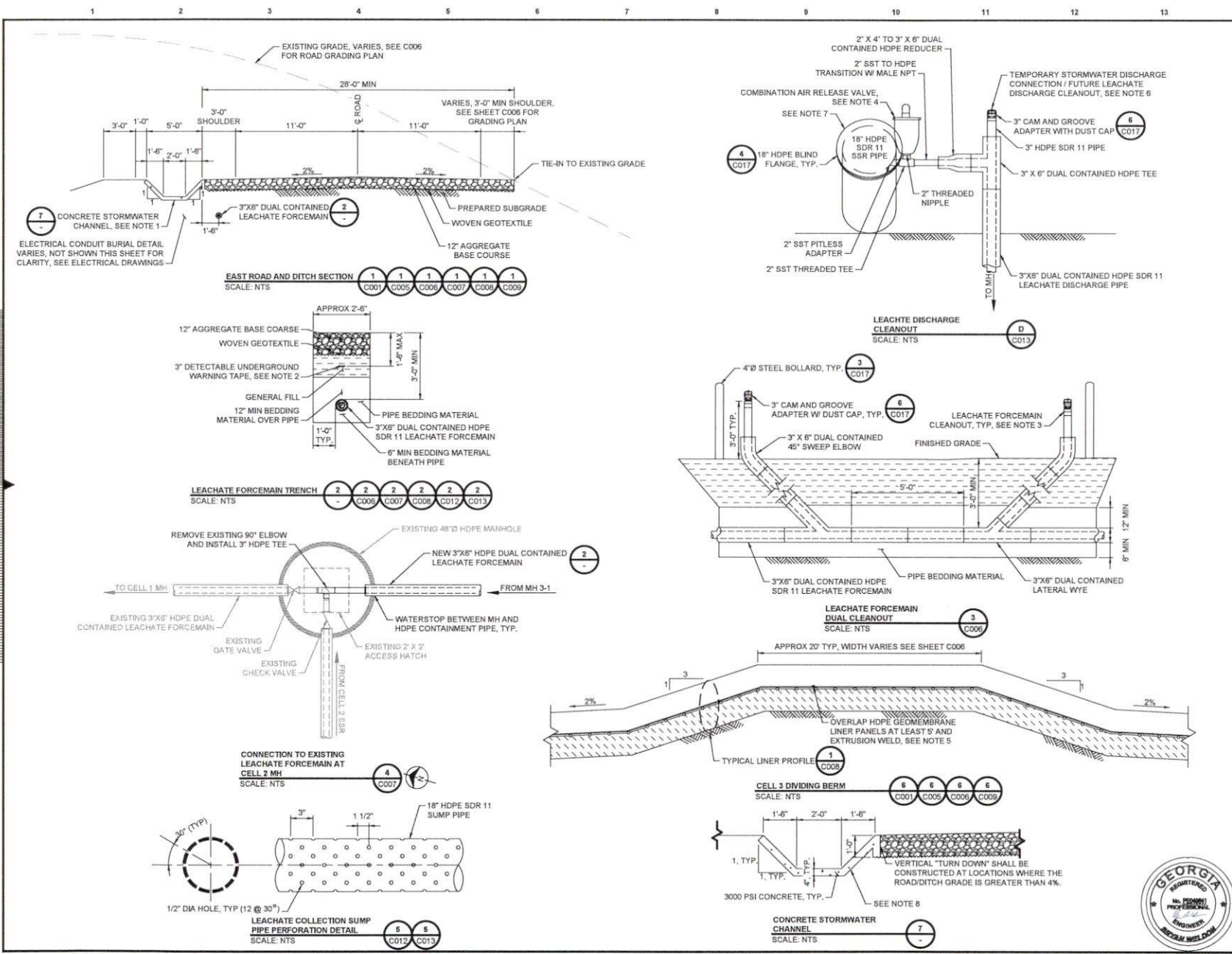


PHASE II CELL 3 CONSTRUCTION
CELL 3 CONSTRUCTION DETAILS, 4 OF 5

| project | contract | drawing | rev. |
|----------|-------------|---------|------|
| 152292 | PO # 435114 | C013 | 0 |
| sheet 18 | of 39 | sheets | |

file: C013 Cell 3 Construction Details, 4 of 5.dwg





| no. | date | by | ckd | description |
|-----|---------|-----|-----|----------------|
| D | 8/28/23 | MLA | BSW | ISSUED FOR BID |

NOTES:

- CONCRETE STORMWATER CHANNEL SHALL BE CONSTRUCTED OF MIN. 3000 PSI CONCRETE AT MIN. 4 INCHES THICK.
- DETECTABLE UNDERGROUND WARNING TAPE SHALL READ "CAUTION BURIED SEWER LINE BELOW" IN BLACK FONT ON A GREEN BACKGROUND.
- LEACHATE FORCEMAIN CLEANOUTS SHALL DAYLIGHT DIRECTLY ABOVE MANIFOLD.
- COMBINATION AIR RELEASE VALVE SHALL BE LATERALLY BRACED AGAINST TYPICAL SIGN POST USING SST U-BOLT OR ENGINEER-APPROVED ALTERNATIVE.
- SAND BAGS OR OTHER WEIGHT MUST BE PLACED AT TOE OF CELL 3 DIVIDING BERM TO HOLD LINER PANELS AGAINST SLOPE WHILE OVERLAPPING PANELS ARE EXTRUSION WELDED.
- CONTRACTOR SHALL SUPPLY 350 LINEAR FEET OF 3" INNER DIAMETER, YELLOW, DOUBLE JACKET FIREHOSE WITH SST TYPE C CAM LOCK FITTING. HOSE SHALL BE STORED AT ONSITE LOCATION DETERMINED BY OWNER.
- LEACHATE DISCHARGE CLEANOUT DETAIL SHOWS ORIENTATION OF PIPING FOR CELL 3 SUMP 2 / MH-2. ORIENTATION IS MIRRORRED FOR CELL 3 SUMP 1 / MH-1. SEE DETAILS ON SHEETS C012 AND C013.
- CONCRETE STORMWATER CHANNEL SHALL HAVE TRANSVERSE CONTRACTION JOINTS AT A MAXIMUM 15-FT SPACING. CONTRACTION JOINTS SHALL BE FILLED WITH A SILICONE JOINT SEALANT OR ENGINEER APPROVED ALTERNATIVE.

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COA: PEF00100 (EXP DATE: 6/30/2024)

| date | detailed |
|-----------------|----------|
| AUGUST 28, 2023 | M. AULT |

| designed | checked |
|----------|-----------|
| M. AULT | B. WELDON |

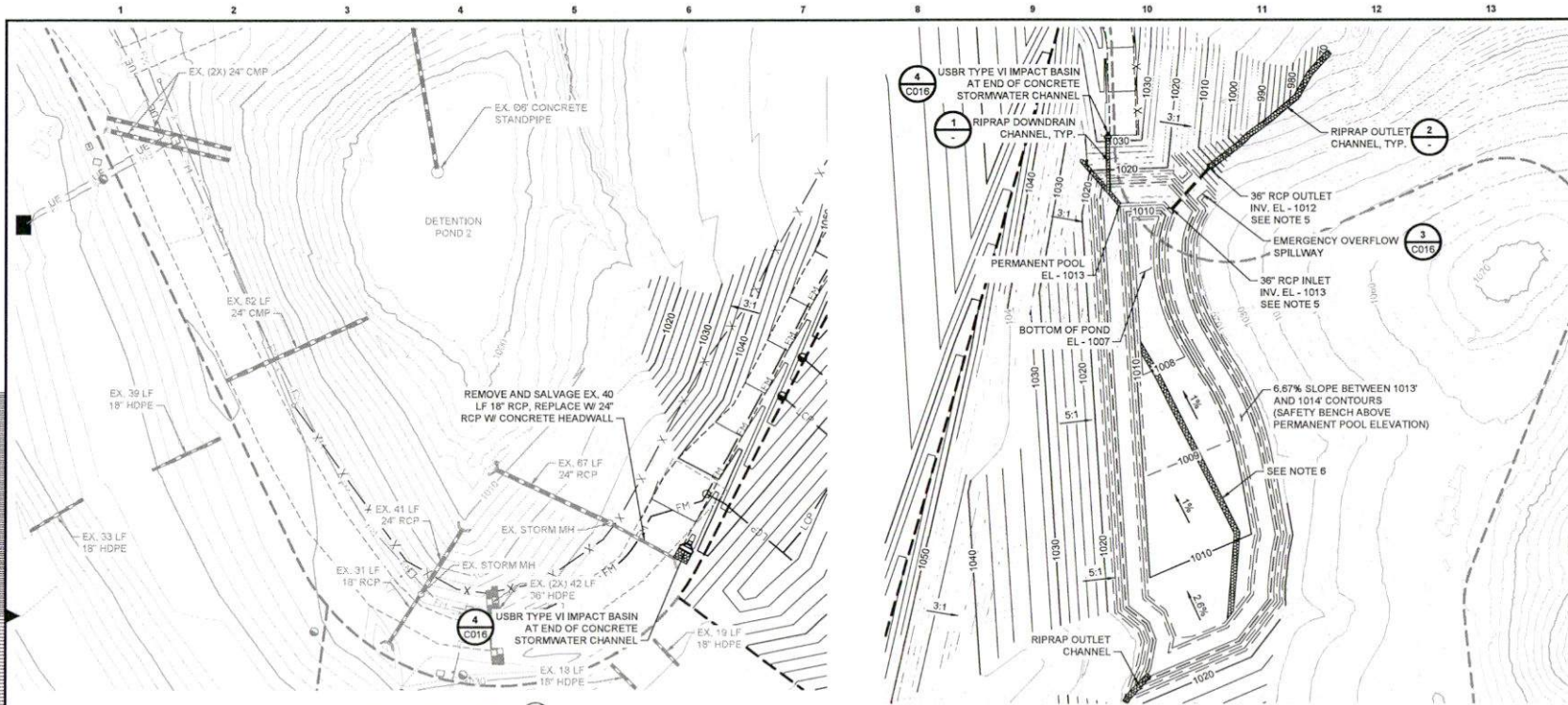
HALL COUNTY
CANDLER ROAD LANDFILL
PERMIT # 069-15D(MSWL)
HALL COUNTY, GEORGIA

PHASE II CELL 3 CONSTRUCTION
CELL 3 CONSTRUCTION DETAILS, 5 OF 5

| project | contract |
|---------|-------------|
| 152292 | PO # 435114 |

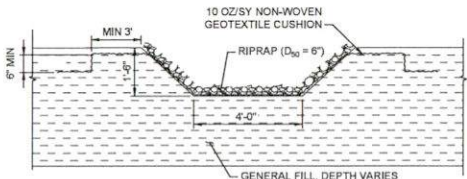
| drawing | rev. |
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| C014 | 0 |

sheet 19 of 39 sheets
file C014 Cell 3 Construction Details, 5 of 5.dwg

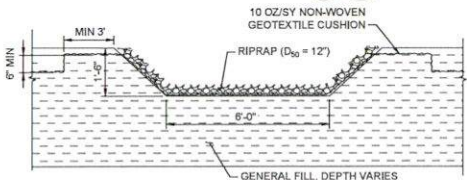


DETENTION POND 2 (EXISTING) PLAN
SCALE IN FEET

NEW DETENTION POND PLAN
SCALE IN FEET

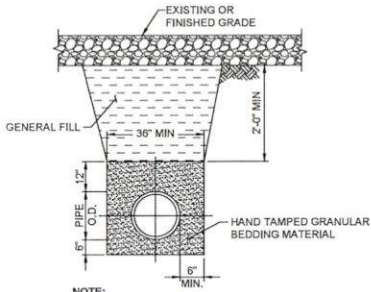


RIPRAP DOWNRAIN CHANNEL
SCALE: NTS



RIPRAP OUTLET CHANNEL
SCALE: NTS

| POND | | | | | OUTLET PIPE | | | | |
|-------------|-------------|---------------------|-------------------|---------------------------|-------------|----------|-------------------|--------------------|-------|
| BOTTOM ELEV | TOP OF BERM | PERMANENT POOL ELEV | 100-YR STORM ELEV | SEDIMENT STORAGE VOL. REQ | DIAMETER | MATERIAL | INLET INVERT ELEV | OUTLET INVERT ELEV | SLOPE |
| 1007.00 | 1016.00 | 1013.00 | 1018.52 | 3,133 CY | 7' | RCP | 1013.00 | 1012.00 | 1.76% |



NOTE:
COMPACT BACKFILL MATERIAL TO A MIN. 95% MAX. DRY DENSITY.

TYPICAL CULVERT TRENCH SECTION
SCALE: NTS

| no. | date | by | chkd | description |
|-----|---------|-----|------|----------------|
| 0 | 8/28/23 | MLA | BSW | ISSUED FOR BID |

- NOTES:
- EXISTING TOPOGRAPHY BASED ON SURVEY COMPLETED BY ROCHESTER & ASSOCIATES, INC. DATED OCTOBER 2019 AND SUPPLEMENTAL SURVEY OF CELL 3 AND 4 AREA COMPLETED BY MAXWELL-REDDICK AND ASSOCIATES DATED APRIL 2023.
 - HORIZONTAL DATUM BASED ON NAD 83 GEORGIA STATE PLANES, WEST ZONE, VERTICAL DATUM BASED ON NAVD 88.
 - DESIGN CONTOURS WITHIN CELL 3 REPRESENT TOP OF LEACHATE DRAINAGE LAYER. DESIGN CONTOURS OUTSIDE OF CELL 3 REPRESENT FINISHED GRADES.
 - CONTOUR INTERVAL IS TWO FEET. DASHED CONTOURS WITHIN THE TEMPORARY SEDIMENTATION BASIN REPRESENT ONE FOOT CONTOURS.
 - BOTH THE INLET AND OUTLET OF 36" RCP INSTALLED AT TEMPORARY DETENTION POND SHALL HAVE FLARED END SECTIONS WITH TRASH RACKS.
 - CONTRACTOR SHALL INSTALL A ONE FOOT TALL BY SIX FEET WIDE "WARNING MOUND" OF 5" RIPRAP MATERIAL AT SURFACE OF FINISHED POND GRADES AS SHOWN TO WARN THAT THE UNDERDRAIN PIPING LIES IMMEDIATELY BELOW.

BURNS MEDONNELL
4004 SUMMIT BLVD NE, SUITE 1200
ATLANTA, GA 30319
770-587-4776
Burns & McDonnell Engineering Co., Inc.
COA: PEF00100 (EXP. DATE: 6/30/2024)

| date | detailed |
|-----------------|-----------|
| AUGUST 28, 2023 | M. AULT |
| designed | checked |
| M. AULT | B. WELDON |



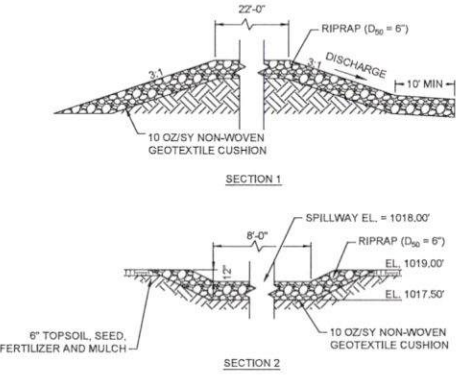
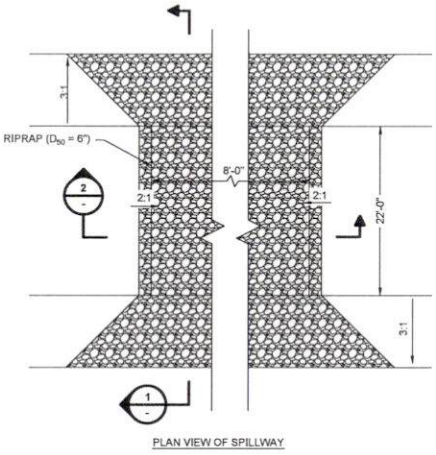
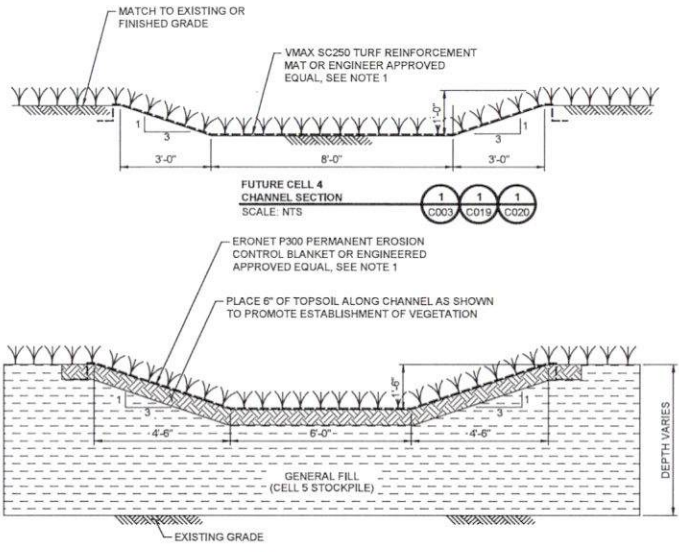
CANDLER ROAD LANDFILL
PERMIT # 065-150(DMS/ML)
HALL COUNTY, GEORGIA

PHASE II CELL 3 CONSTRUCTION
STORMWATER CONSTRUCTION
DETAILS, 1 OF 2

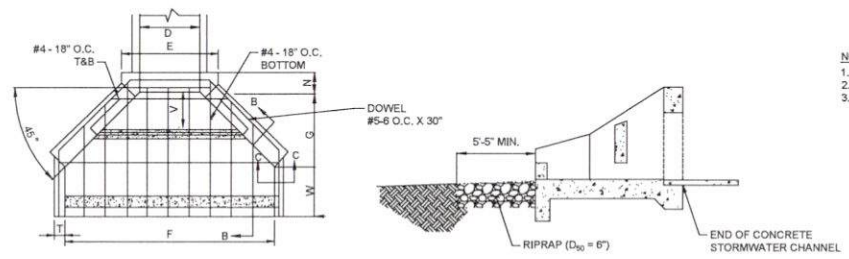
| project | contract |
|---|-------------|
| 152292 | PO # 435114 |
| drawing | rev. |
| C015 | 0 |
| sheet 20 of 39 sheets | |
| file C015 Stormwater Construction Details, 1 of 2.dwg | |



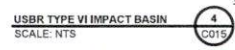
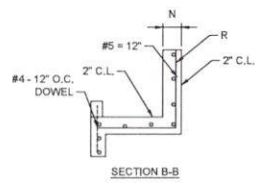
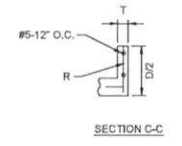
1 2 3 4 5 6 7 8 9 10 11 12 13



| USBR TYPE VI IMPACT BASIN DIMENSIONS | | | | | | | | | | | | |
|--------------------------------------|-------|-------|-------|-------|-------|----|----|----|-------|-------|----|--------------|
| D | E | F | G | H | J | K | L | N | V | W | T | U |
| 24" | 3'-6" | 6'-0" | 3'-0" | 3'-6" | 2'-0" | 6" | 6" | 6" | 2'-0" | 1'-6" | 6" | # 5-12" O.C. |
| | | | | | | | | | | | | # 4-12" O.C. |
| | | | | | | | | | | | | # 4-8" O.C. |



- NOTES:
1. HEADWALL SHALL BE FLARED-END.
 2. CONCRETE SHALL BE 3,000 PSI 28 DAY STRENGTH.
 3. WEEP HOLES SHALL BE 3" DIA. AT F14 O.C.



| no. | date | by | ckd | description |
|-----|---------|-----|-----|----------------|
| 0 | 8/28/23 | MLA | BSW | ISSUED FOR BID |

- NOTES:
1. VMAX SC250 TURF REINFORCEMENT MAT AND ERONET P300 PERMANENT EROSION CONTROL BLANKET SHALL BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS.



4004 SUMMIT BLVD NE, SUITE 1200
ATLANTA, GA 30319
770-587-4775
Burns & McDonnell Engineering Co., Inc.
COA: PEF00100 (EXP. DATE: 6/30/2024)

| date | detailed |
|-----------------|-----------|
| AUGUST 28, 2023 | M. AULT |
| designed | checked |
| M. AULT | B. WELDON |

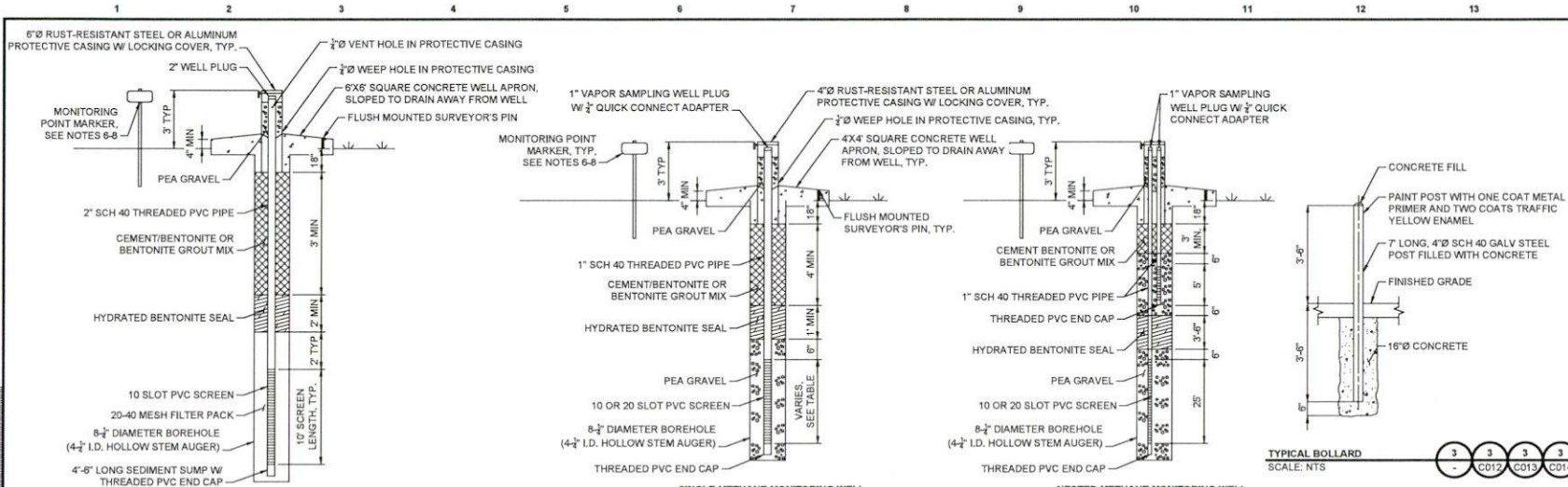


CANDLER ROAD LANDFILL
PERMIT # 069-150(MSWL)
HALL COUNTY, GEORGIA

PHASE II CELL 3 CONSTRUCTION STORMWATER CONSTRUCTION DETAILS, 2 OF 2

| project | contract |
|-------------|--------------|
| 152292 | PO # 435114 |
| drawing | rev. |
| C016 | 0 |
| sheet 21 | of 39 sheets |





| no. | date | by | ckd | description |
|-----|---------|-----|-----|----------------|
| 0 | 8/28/23 | MLA | BSW | ISSUED FOR BID |

- NOTES:
- HORIZONTAL DATUM BASED ON NAD 83 GEORGIA STATE PLANES, WEST ZONE. VERTICAL DATUM BASED ON NAVD 88.
 - FINAL LOCATIONS OF GROUNDWATER AND METHANE MONITORING WELLS SUBJECT TO CHANGE. COORDINATE WITH OWNER AND ENGINEER PRIOR TO INSTALLATION.
 - GROUNDWATER MONITORING WELLS ARE EXPECTED TO REQUIRE ROCK DRILLING.
 - METHANE MONITORING WELLS SHALL TERMINATE AT AUGER REFUSAL OR AT GROUNDWATER, WHICHEVER IS SHALLOWER.
 - LITTER FENCE NETTING SHALL BE EXTENDED TO GROUND SURFACE. ADDITIONAL FABRIC OR OTHER MATERIAL APPROVED BY ENGINEER MAY BE REQUIRED TO FILL GAPS.
 - SIGNS SHALL BE CONSTRUCTED OF A STANDARD ALUMINUM WITH A THICKNESS OF 0.04" OR APPROVED ALTERNATE.
 - FONT ON SIGNS SHALL BE "ARIAL" OR "ARIAL BLACK" OR APPROVED ALTERNATE. AT AN APPROPRIATE LEGIBLE FONT SIZE.
 - SIGNS SHALL BE INSTALLED ON FREESTANDING METAL U-CHANNEL SIGN POSTS OR APPROVED ALTERNATE.

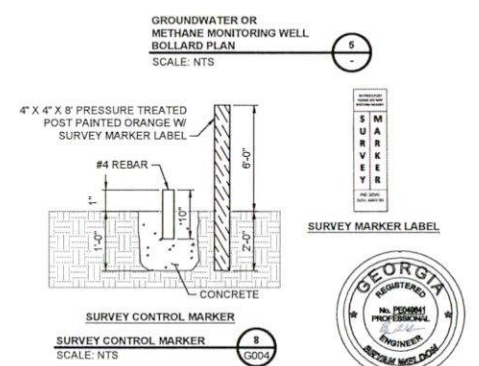
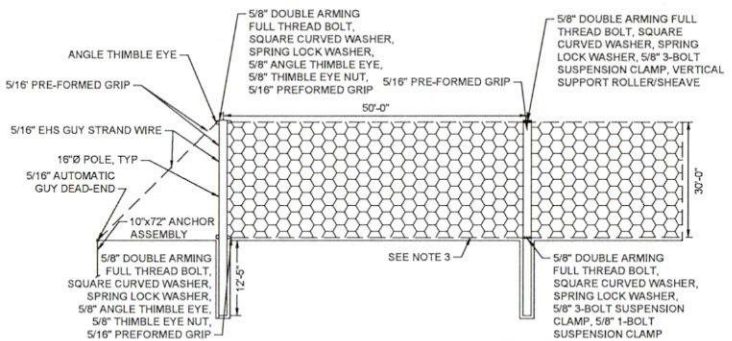
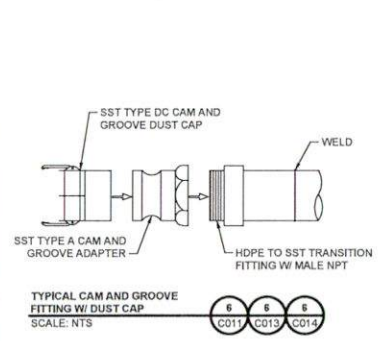
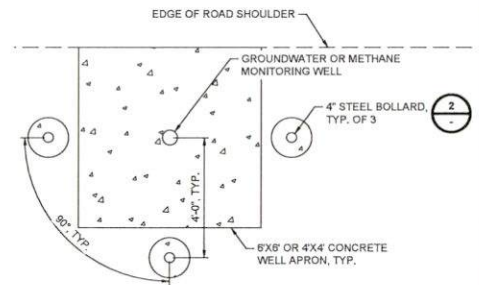
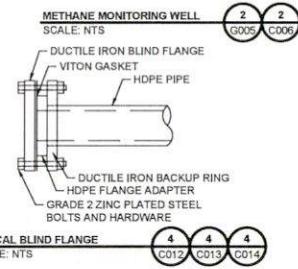
- NOTES:
- BOLLARDS SHALL BE INSTALLED AT GWC-11RR, GWC-13, GWC-14, GWC-15, AND GWC-16R. SEE DETAIL 5 THIS SHEET.

- NOTES:
- BOTTOM OF SCREEN SHALL BE SET AT TOP OF WATER TABLE OR AT TOP OF COMPETENT BEDROCK.
 - BOLLARDS SHALL BE INSTALLED AT MM-15N. SEE DETAIL 5 THIS SHEET.
 - MM-15N WILL CONSIST OF TWO NESTED CASINGS WITH DIFFERENT SCREENED INTERVALS. SEE WELL CONSTRUCTION TABLE THIS SHEET.

GROUNDWATER MONITORING WELL SCALE: NTS

GROUNDWATER AND METHANE MONITORING WELL CONSTRUCTION TABLE

| WELL NO. | NORTHING (FT) | EASTING (FT) | SURFACE ELEVATION (NAVD 88) | BORING DEPTH (FT BGS) | SCREENED INTERVAL (FT BGS) | SCREENED INTERVAL (NAVD 88) |
|----------|---------------|--------------|-----------------------------|-----------------------|----------------------------|-----------------------------|
| GWC-11RR | 1542179.15 | 2410849.01 | 1030 | 80 | 70-80 | 950-960 |
| GWC-12 | 1542982.36 | 2410040.25 | 1059 | 80 | 70-80 | 979-989 |
| GWC-13 | 1542742.69 | 2410371.98 | 1062 | 80 | 70-80 | 962-992 |
| GWC-14 | 1542518.79 | 2410638.39 | 1055 | 80 | 70-80 | 975-985 |
| GWC-15 | 1542357.85 | 2410789.85 | 1043 | 80 | 70-80 | 963-973 |
| GWC-16 | 1541989.05 | 2410867.61 | 970 | 80 | 70-80 | 890-900 |
| GWC-16R | 1542118.64 | 2410686.25 | 1032 | 80 | 70-80 | 952-962 |
| MM-13 | 1542818.13 | 2410577.84 | 966 | 25 | 25-5 | 931-951 |
| MM-14 | 1542831.67 | 2410931.72 | 954 | 25 | 25-5 | 929-949 |
| MM-15N | 1542238.90 | 2410856.06 | 932 | 40 | 40-15 AND 10-5 | 892-917 AND 922-927 |



TYPICAL CAM AND GROOVE FITTING W/ DUST CAP SCALE: NTS

LITTER FENCE SCALE: NTS

SURVEY CONTROL MARKER SCALE: NTS

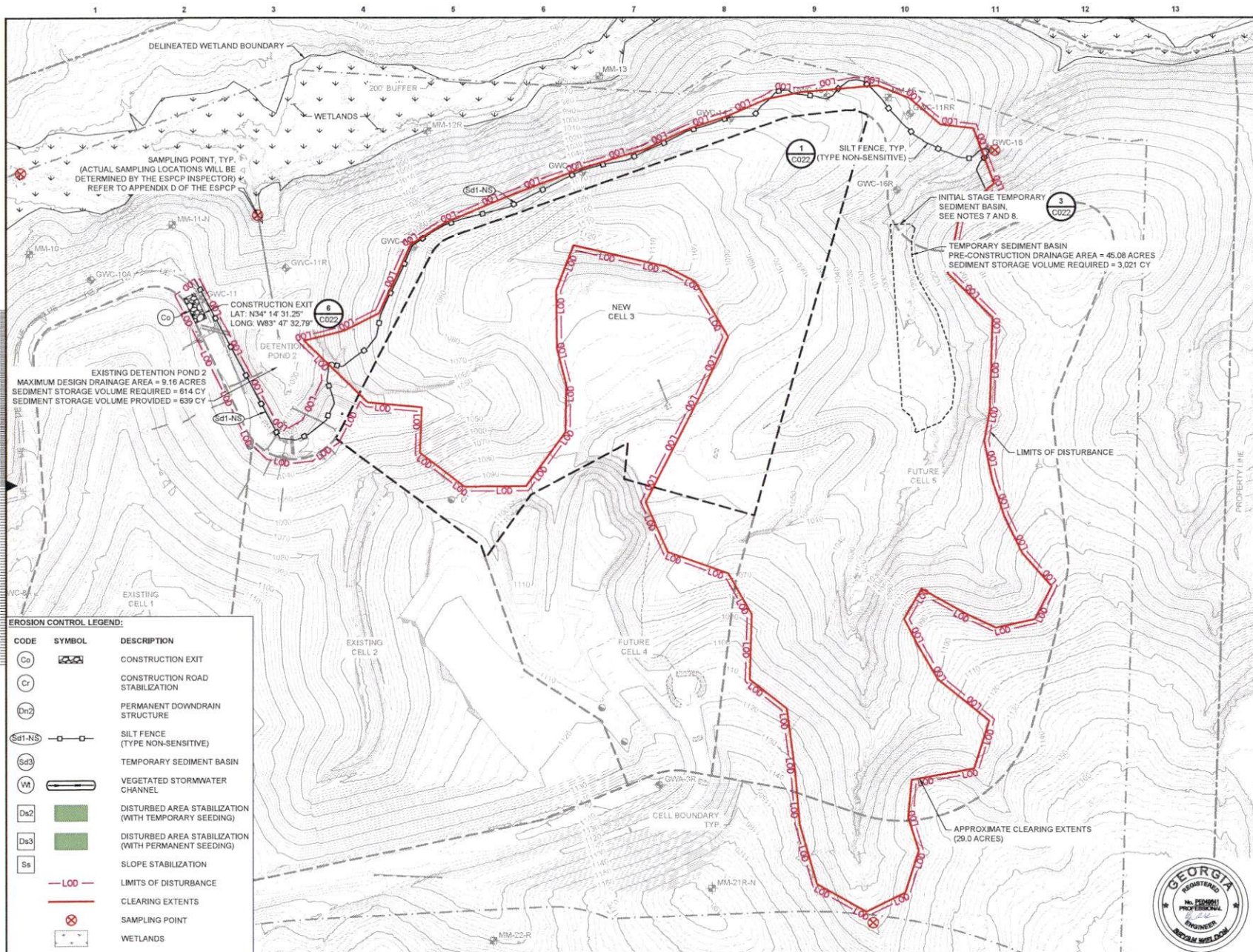
BURNS & MCDONNELL
 4004 SUMMIT BLVD NE, SUITE 1200
 ATLANTA, GA 30319
 770-587-4776
 Burns & McDonnell Engineering Co., Inc.
 COA: PEP00100 (EXP DATE: 6/30/2024)

date: AUGUST 28, 2023
 designed: M. AULT
 checked: M. AULT
 detailed: M. AULT
 B. WELDON

HALL COUNTY
 GEORGIA
 Candler Road Landfill
 PERMIT # 069-150(MSRL)
 HALL COUNTY, GEORGIA

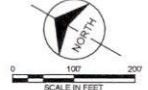
PHASE II CELL 3 CONSTRUCTION
 MISCELLANEOUS CIVIL DETAILS

project: 152292 contract: PO # 435114
 drawing: C017 rev: 0
 sheet 22 of 39 sheets
 file: C017 Miscellaneous Civil Details.dwg



| no. | date | by | ckd | description |
|-----|---------|-----|-----|----------------|
| 0 | 8/28/23 | MLA | BSW | ISSUED FOR BID |

- NOTES:
- EXISTING TOPOGRAPHY BASED ON SURVEY COMPLETED BY ROCHESTER & ASSOCIATES, INC. DATED OCTOBER 2019 AND SUPPLEMENTAL SURVEY OF CELL 3 AND 4 AREA COMPLETED BY MAXWELL-REDDICK AND ASSOCIATES DATED APRIL 2023.
 - HORIZONTAL DATUM BASED ON NAD 83 GEORGIA STATE PLANES, WEST ZONE. VERTICAL DATUM BASED ON NAVD 88.
 - DESIGN CONTOURS WITHIN CELL 3 REPRESENT TOP OF LEACHATE DRAINAGE LAYER. DESIGN CONTOURS OUTSIDE OF CELL 3 REPRESENT FINISHED GRADES.
 - CONTOUR INTERVAL IS TWO FEET.
 - COMPLETE INFORMATION ON EROSION AND SEDIMENT CONTROL WILL BE PROVIDED IN THE ESPCP.
 - IN ADDITION TO EROSION AND SEDIMENTATION CONTROLS SHOWN ON THIS SHEET, OTHER EXCESS SOIL STOCKPILES SHALL BE SEEDED AND SILT FENCING SHALL BE INSTALLED AROUND THE PERIMETER OF EACH STOCKPILE.
 - CONTRACTOR SHALL CONSTRUCT INITIAL PHASE SEDIMENT BASIN BEFORE FULL CLEARING AND GRUBBING COMMENCES.
 - INITIAL STAGE TEMPORARY SEDIMENT BASIN WILL BE REMOVED WHEN UNDERDRAIN IS INSTALLED, AND REPLACED WITH THE NEW DETENTION POND AS SHOWN ON C019.



EROSION CONTROL LEGEND:

| CODE | SYMBOL | DESCRIPTION |
|--------|--------|---|
| Co | | CONSTRUCTION EXIT |
| Cr | | CONSTRUCTION ROAD STABILIZATION |
| Dn2 | | PERMANENT DOWNDRAIN STRUCTURE |
| Sd1-NS | | SILT FENCE (TYPE NON-SENSITIVE) |
| Sd3 | | TEMPORARY SEDIMENT BASIN |
| Vt | | VEGETATED STORMWATER CHANNEL |
| Ds2 | | DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING) |
| Ds3 | | DISTURBED AREA STABILIZATION (WITH PERMANENT SEEDING) |
| Ss | | SLOPE STABILIZATION |
| -LOO- | | LIMITS OF DISTURBANCE |
| - | | CLEARING EXTENTS |
| ⊗ | | SAMPLING POINT |
| + | | WETLANDS |

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 ATLANTA, GA 30319
 770-507-4776
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|-----------------|-----------|
| AUGUST 28, 2023 | M. AULT |
| designed | checked |
| M. AULT | B. WELDON |

HALL COUNTY
 Candler Road Landfill
 PERMIT # 069-150(MSWL)
 HALL COUNTY, GEORGIA

**PHASE II CELL 3 CONSTRUCTION
 INITIAL EROSION & SEDIMENT
 CONTROL PLAN**

| project | contract |
|--|-------------|
| 152292 | PO # 435114 |
| drawing | rev. |
| C018 | 0 |
| sheet 23 of 39 sheets | |
| file: C018 Initial Erosion & Sediment Control Plan.dwg | |

