



April 8, 2025

**INVITATION TO BID
BL052-25**

The Gwinnett County Board of Commissioners is soliciting competitive sealed bids from qualified contractors for the **Provision of Inspection, Cleaning and Repair of Underground Detention Systems at Various Park Locations on an Annual Contract** with four (4) one-year options to renew for the Gwinnett County Department of Parks and Recreation.

Bids should be typed or submitted in ink and returned in a sealed container marked on the outside with the BL# and Company Name. Bids will be received until **2:50 P.M. local time on May 6, 2025** at the Gwinnett County Financial Services - Purchasing Division – 2nd Floor, 75 Langley Drive, Lawrenceville, Georgia 30046. Any bid received after this date and time will not be accepted. Bids will be publicly opened and read at 3:00 P.M. Apparent bid results will be available the following business day on the website www.gwinnettcounty.com.

Questions regarding bids should be directed to Jake Scarpone, Purchasing Associate II, at jake.scarpone@gwinnettcounty.com or by calling 770-822-8722, no later than **3:00 P.M. local time on April 23, 2025**. Bids are legal and binding upon the bidder when submitted.

Successful contractor(s) will be required to meet insurance requirements. The Insurance Company should be authorized to do business in Georgia by the Georgia Insurance Department and must have an A.M. Best rating of A-7 or higher.

Gwinnett County does not discriminate on the basis of disability in the admission or access to its programs or activities. Any requests for reasonable accommodations required by individuals to fully participate in any open meeting, program or activity of Gwinnett County Government should be directed to the ADA Coordinator at the Gwinnett County Justice and Administration Center, 770-822-8165.

The written bid documents supersede any verbal or written prior communications between the parties.

Award will be made to the supplier submitting the lowest responsive and responsible bid. Gwinnett County reserves the right to reject any or all bids to waive technicalities and to make an award deemed in its best interest. Bids may be split or awarded in entirety. Gwinnett County reserves the option to negotiate terms, conditions, and pricing with the lowest responsive, responsible bidder(s) at its discretion.

Award notification will be posted after award on the County website, www.gwinnettcounty.com and companies submitting a bid will be notified via email.

We look forward to your bid and appreciate your interest in Gwinnett County.

Jake Scarpone
Purchasing Associate II

The following pages should be returned in your bid:

Bid Schedule, Pages 8-10
References, Page 11
Code of Ethics, Page 12
Contractor Affidavit, Page 13
List of Subcontractors, Page 14

**PROVISION OF INSPECTION, CLEANING AND REPAIR OF UNDERGROUND DETENTION SYSTEMS AT
VARIOUS PARK LOCATIONS ON AN ANNUAL CONTRACT**

The Gwinnett County Department of Parks and Recreation is seeking qualified contractor(s) to inspect, clean and repair underground detention systems at various park locations on an Annual Contract.

I. SCOPE OF WORK

- A. Successful contractor must provide all labor, materials, and equipment needed to inspect, repair and clean underground detention systems.
- B. Services provided must be of the highest quality and consistent with manufacturers' standard practices for detention system maintenance.
- C. All services will be scheduled in coordination with the County representative and be mutually agreed upon.
- D. Inspect pipelines to include all features of the detention system. This includes defects in the system, as well as debris, foreign materials, sediment, needed repairs, etc.
- E. Inspection must include recommendations for repairs and / or cleaning required in order to maintain the detention systems in good working order.
- F. Inspection report must include photographs of all deficiencies.
- G. Cleaning and repairs not completed during the inspection must be completed in a timely manner as determined by the County representative.
- H. All debris must be disposed of off of County property according to Environmental Protection Agency (EPA) guidelines.
- I. Contractor is responsible for site safety at all times during the inspection, repair and cleaning process.

II. CONTRACTOR QUALIFICATIONS

- A. The selected contractor must have demonstrated successful performance of projects of a similar size and scope.
- B. A minimum of three (3) references within the last five (5) years should be provided demonstrating similar scope of work as detailed in Section I.
- C. Successful contractor must comply with state and local codes and regulations as they pertain to underground detention systems (i.e. confined space entry, etc.)
- D. Successful contractor must provide a National Association of Sewer Service Companies (NASSCO) Pipeline Assessment and Certification Program (PACP) certified technician to document all inspections.
- E. Successful contractor must provide a Certified Industrial Hygienist to prepare a Confined Space Entry Plan to ensure the safe entry into each detention system according to Occupational Safety & Health Administration (OSHA) guidelines, where applicable.
- F. Should the contractor utilize any personnel that are not PACP certified to document the inspection results, those inspections shall be refused, and a re-inspection shall be completed at the Contractor's expense.
- G. Work directly sub-contracted, that the contractor is not able to perform himself shall be invoiced as lump sum and the contractor shall only include his direct costs for coordinating the work by using the Administrative Labor Rate stated in the Bid Schedule. This shall not be invoiced as a cost plus mark-up item. If subcontractors are to be utilized for this contract, please provide their certifications and qualifications with bid submittal. The subcontractor's invoice must be provided to the County in order to verify pricing.

III. ANNUAL INSPECTION

- A. Inspections are to be completed annually on each system. Each location shall be scheduled with the County Representative.
- B. Inspect system components for leaks and damage.
- C. The selected contractor will provide video and/or photographic documentation that clearly demonstrates the condition of the system, repairs needed, and cleanliness of the system.
- D. Inspection of the headers and outlet control structures must be inspected as part of each detention system.
- E. Some systems will require a camera and mobile monitoring for inspection. The contractor shall furnish all audio / video equipment to include but not limited to: television camera, audio-visual digital encoding equipment and/or software, and other necessary equipment, materials, power, labor, and technicians as needed to perform the television inspection.
 - a. The television inspection equipment shall be capable of inspecting the entire detention system at each location.
 - b. When entry is at one end only, the inspection equipment shall be capable of inspecting 750 feet of pipe by a self-propelled unit.
 - c. The inspection equipment shall be capable of clearly televising the interior of the detention system.
 - d. The television camera used for the detention system inspection shall be one specifically designed and constructed for pipeline inspections.
 - e. The Contractor shall complete an inspection report for each pipeline segment within the system.
 - f. The Contractor shall furnish audio-visual equipment / software, and other necessary equipment, materials, power, labor, and technicians as needed to perform the television inspection.
 - g. The Contractor shall inspect pipelines to record all relevant features and defects of the pipeline under inspection.
 - h. If a television inspection of the entire system cannot be successfully performed from one structure, an additional setup shall be performed to obtain a complete inspection.
 - i. The objective of this project is to inspect the maximum amount of storm water underground detention systems and it is possible that a number of set-ups will be required in order to maximize the pipeline footage inspected.
- F. All television inspections shall be performed during low flow conditions. The County reserves the right to refuse any television inspection that does not produce an effective survey of the pipe due to high water retention conditions or for any other reason.
- G. The contractor shall test the television inspection equipment to verify the picture quality. The equipment manufacturer's recommendation shall be used to clearly differentiate between the following colors: white, yellow, cyan, green, magenta, red, blue, and black.
- H. The television inspection equipment shall be of such quality as to enable the following to be achieved:
 - a. Color: With the motor adjusted for correct saturation, the six colors plus black and white shall be clearly resolved with the primary and complementary colors in order of decreasing luminance.
 - b. Linearity: The background grid shall show squares of equal size, without convergence/divergence over the whole picture. The center circle shall appear round and have the correct height/width relationship (+/-5%).
 - c. Resolution: The live picture must be displayed on a digital monitor, capable of providing a clear, color, stable image free of electrical interference with a minimum resolution of not less than 500 lines.

- d. Color Consistency: To ensure that the camera shall provide similar results when used with its own illumination source, the lighting shall be fixed in intensity prior to commencing the inspection. In order to ensure color consistency no variation in illumination shall take place during the inspection.
- I. Once the inspection is under way, the following minimum information must be captured:
 - a. Automatic Update of the camera's position
 - b. Pipe dimensions
 - c. Upstream and downstream structure number, if applicable
 - d. Facility ID of the system being inspected
 - e. Date of inspection
 - f. Time of inspection
 - g. Direction of the inspection
 - h. Material of construction of the detention system
 - i. Any defect or deficiency must be noted, photographed, and marked on a diagram with measurement from a reference point
 - j. Contractor will furnish separate MP4 or JPEG files for each set up. The County representative reserves the right to refuse any file on the basis of poor image quality or any other characteristics that affect the usability of the images.

IV. CLEANING

- A. Remove accumulated sediment, debris and trash from inlets, detention chambers and outlets and dispose off of County property according to EPA regulations.
- B. Remove trees, weeds, etc. at head wall areas and / or access ports.
- C. Based upon the inspection recommendations, the County may utilize alternative labor sources to remove debris, trees, etc. solely at its' discretion.
- D. If debris removal is required in order to gain access to the detention system, the County will notify the Contractor when access is available to continue the inspection process.

V. REPAIRS

- A. Repair soil erosion or scouring at the outlet(s) of the underground detention if overflow is discharged onto ground surfaces.
- B. Repair or replace any damaged system components.
- C. Minor repairs should be addressed during the inspection if possible. Contractor will discuss all repairs with the County representative prior to commencing any work.
- D. Repairs over \$500.00 require a written quote from the Contractor within 30 days of the concluded inspection. The County representative will schedule quoted repairs in coordination with the Contractor.
- E. The County reserves the right to complete recommended repairs utilizing contractor or County staff, where applicable.

VI. DETENTION SYSTEM LOCATIONS AND SPECIFICATIONS

***Please refer to Exhibit A at the end of the bid documents for drawings related to the underground detention systems at each of the locations listed below. Please note that drawings for E.E. Robinson Park are labeled as "Level Creek Park."**

A. E.E. ROBINSON PARK:

- a. Park Address: 650 Peachtree Industrial Blvd., Sugar Hill, GA 305189
- b. E.E. Robinson Park has three (3) underground detention systems. Each system has a reinforced concrete outlet structure. Facilities 1 and 2 have velocity dissipaters with 48-inch diameter pipes.
 1. Facility 1 consists of three parallel runs of 120-inch diameter Aluminized Steel Pipe, Type 2 (AST-2), with headers at each end. The total length of each pipe is approximately 1,280 linear feet. Manholes at each end provide access to the system. Facility 1 has an emergency under drain at the perimeter consisting of an 8-inch diameter perforated high-density polyethylene (HDPE) pipe.
 2. Facility 2 consists of three parallel runs of 72-inch AST-2 pipe with headers at each end. The total length of each pipe is approximately 873 linear feet. Manholes at each end provide access to the system.
 3. Facility 3 consists of five parallel runs of 72-inch AST-2 pipe with headers at each end. The total length of each pipe is approximately 1,394 linear feet. Manholes at the end and the outlet control structure at the other end provide access to the system.

B. J.B. WILLIAMS PARK:

- a. Park Address: 4935 Five Forks Trickum Rd., Lilburn, GA 30047
- b. J.B. Williams Park has four (4) Stormtech underground detention systems.
 1. These systems consist of plastic arch-shaped chambers interconnected to provide the needed volume.
 2. Inspection ports are provided to access the system.
 3. The system has an outlet control structure. The water quality ponds also have an outlet control structure.

C. PEACHTREE RIDGE PARK:

- a. Park Address: 3170 Suwanee Creek Rd., Suwanee, GA 30024
- b. Peachtree Ridge Park has one (1) detention system located under the football field.
 1. The system is in the shape of a "T", with the horizontal portion of the "T" beyond one end zone, and the vertical portion of the "T" running down the center of the field.
 2. The vertical portion consists of three (3) runs of 60-inch diameter reinforced concrete pipe connected by a header.
 3. The horizontal portion is a single run of 60-inch diameter reinforced concrete pipe.
 4. The total length of the 60-inch pipe is approximately 948 linear feet. Manholes at the horizontal portion provide access to the system.

D. ELISHA WINN HOUSE:

- a. Park Address: 908 Dacula Rd., Dacula, GA 30019
- b. Elisha Winn House has one (1) detention system located under the parking lot.
 1. The system is under the main part of parking lot in front of comfort station. Running the length of the parking lot.
 2. Inspection ports are provided to access the system.
 3. Four (4) chambers are approximately 300 linear feet. One chamber is approximately 145 linear feet.

E. MOUNTAIN PARK PARK:

- a. Park Address: 5050 Five Forks Trickum Rd., Lilburn, GA 30047
- b. Mountain Park Park has one (1) Stormtech underground detention system.

1. The system consists of plastic arch-shaped chambers interconnected to provide the needed volume.
2. Inspection ports are provided to access the system.
3. Two (2) chambers are approximately 190 linear feet. One chamber is approximately 160 linear feet.

F. SOUTH GWINNETT PARK:

- a. Park Address: 2015 McGee Rd., Snellville, GA 30078
- b. South Gwinnett Park has two (2) underground detention systems.
 1. Detention pond 1 consists of six (6) parallel runs of 48-inch diameter perforated Corrugated Steel Pipe (CSP), with headers at one end, and a single run of 36-inch diameter perforated CSP. The total length of 48-inch pipe is approximately 1,230 linear feet. The total length of the 36-inch pipe is approximately 160 linear feet.
 2. Manholes near one end provide access to the system. Due to the size of the pipes in this system and that they have dead ends with only one way in or out, these pipes will need to be inspected by video. An open top outlet control structure is located about 50 feet from the pond.
 3. Detention pond 2 consists of five (5) parallel runs of 96-inch perforated CSP with headers at each end. The total length of 96-inch pipe is approximately 800 linear feet.
 4. Manholes provide access to the system. An outlet control structure is located adjacent to the pond.

G. SINGLETON PARK

- a. Park address: 5220 Singleton Road, Norcross, GA 30092
 - b. Singleton Park has two (2) underground detention systems.
 1. Both detentions ponds have a 30-inch transport pipe and are 36-inches tall.
 2. Both detention ponds are located under the parking lot on either side of the dividing island.
- H. Gwinnett County reserves the right to add or delete locations as needed. When adding a location, the County will solicit a cost quote from the contractor which shall be developed from unit pricing from the Bid Schedule and quantities comparable to similar locations under the contract.

VII. APPENDIX A – SAMPLE OF ANNUAL INSPECTION CHECKLIST

Underground Detention System Inspection and Maintenance Checklist

| | | | |
|---|--------------|----------------------------|---------------------------------|
| Facility: | | | |
| Location/Address: | | | |
| Date: | Time: | Weather Conditions: | Date of Last Inspection: |
| Inspector: | | Title: | |
| Rain in Last 48 Hours <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, list amount and timing: | | | |
| Pretreatment: <input type="checkbox"/> vegetated filter strip <input type="checkbox"/> swale <input type="checkbox"/> turf grass <input type="checkbox"/> forebay <input type="checkbox"/> other, specify: _____ <input type="checkbox"/> none | | | |
| Site Plan or As-Built Plan Available: <input type="checkbox"/> Yes <input type="checkbox"/> No | | | |

*Do not enter underground detention chambers to inspect system unless Occupational Safety & Health Administration (OSHA) regulations for confined space entry are followed.

*Follow inspection and maintenance instructions and schedules provided by system manufacturer and installer.

* Properly dispose of all wastes.

| Inspection Item | Comment | Action Needed |
|--|---------|--|
| 1. PRETREATMENT | | |
| Sediment has accumulated. <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Trash and debris have accumulated. <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 2. INLETS | | |
| Inlets are in poor structural condition. <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Sediment, trash, or debris have accumulated and/or is blocking the inlets. <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 3. CHAMBERS | | |
| Sediment accumulation threshold has been reached. <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Trash and debris have accumulated in chambers. <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 4. OTHER SYSTEM COMPONENTS | | |
| Structural deterioration is evident. <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 5. OUTLETS | | |
| Outlets in poor structural condition. <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Sediment, trash or debris are blocking outlets. <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Erosion is occurring around outlets. <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 6. OTHER | | |
| Evidence of ponding water on area draining to system. <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Evidence that water is not being conveyed through the system. <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Additional Notes | | |
| | | |
| Wet weather inspection needed <input type="checkbox"/> Yes <input type="checkbox"/> No | | |

**FAILURE TO RETURN THIS PAGE AS PART OF YOUR BID MAY RESULT IN BID BEING REJECTED.
BID SCHEDULE**

| ITEM # | APPROX. ANNUAL QTY | LOCATION | UNIT PRICE | |
|--|--------------------|--|-------------------------|---|
| SECTION I – FLAT RATE FEES FOR ANNUAL INSPECTIONS | | | | |
| 1 | 1 EA | E.E. ROBINSON PARK | \$ | |
| 2 | 1 EA | J.B. WILLIAMS PARK | \$ | |
| 3 | 1 EA | PEACHTREE RIDGE PARK | \$ | |
| 4 | 1 EA | ELISHA WINN HOUSE | \$ | |
| 5 | 1 EA | MOUNTAIN PARK PARK | \$ | |
| 6 | 1 EA | SOUTH GWINNETT PARK | \$ | |
| 7 | 1 EA | SINGLETON PARK | \$ | |
| | | | SECTION I TOTAL | \$ |
| ITEM # | APPROX. ANNUAL QTY | DESCRIPTION | UNIT PRICE | TOTAL PRICE |
| SECTION II – RATES FOR CLEANING AND REPAIR SERVICES | | | | |
| 1 | 100 HRS | Hourly Rate for Certified Technician | \$ /HR | \$ |
| 2 | 1,000 HRS | Hourly Rate for Technician Helper | \$ /HR | \$ |
| 3 | 50 HRS | Administrative Hourly Rate for Coordinating Subcontractor Work | \$ /HR | \$ |
| 4 | \$15,000.00 | State percentage of mark up above cost for replacement parts/materials (Not to exceed 15%) | % | \$ |
| | | | SECTION II TOTAL | \$ |
| | | | | BID TOTAL (SUM OF SECTIONS I + II) |
| | | | | \$ |

COMPANY NAME: _____

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BID SCHEDULE CONTINUED

The undersigned acknowledges receipt of the following addenda, listed by number and date appearing on each:

| Addendum No. | Date | Addendum No. | Date |
|--------------|-------|--------------|-------|
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

Gwinnett County requires pricing to remain firm for the duration of the initial term of the contract. Failure to hold firm pricing for the initial term of the contract will be sufficient cause for Gwinnett County to declare bid non-responsive. **Contract to begin July 1, 2025 or upon notification of award.**

Unless otherwise noted, bid prices will remain firm for four (4) additional one-year periods.

- If a percentage increase/decrease will be a part of this bid, please note this in the space provided together with an explanation:

1st Renewal Option_____increase/decrease (circle one)

2nd Renewal Option_____increase/decrease (circle one)

3rd Renewal Option_____increase/decrease (circle one)

4th Renewal Option_____increase/decrease (circle one)

Termination for Cause: The County may terminate this agreement for cause upon ten days prior written notice to the contractor of the contractor's default in the performance of any term of this agreement. Such termination shall be without prejudice to any of the County's rights or remedies by law.

Termination for Convenience: The County may terminate this agreement for its convenience at any time upon 30 days written notice to the contractor. In the event of the County's termination of this agreement for convenience, the contractor will be paid for those services actually performed. Partially completed performance of the agreement will be compensated based upon a signed statement of completion to be submitted by the contractor, which shall itemize each element of performance.

COMPANY NAME: _____

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BID SCHEDULE CONTINUED

Certification Of Non-Collusion in Proposal Preparation _____
(Signature) (Date)

In compliance with the attached specifications, the undersigned offers and agrees, if this quote is accepted by the Board of Commissioners within ninety (90) days of the date of quote opening, to furnish any or all of the items upon which prices are quoted, at the price set opposite each item, delivered to the designated point(s) within the time specified in the quote schedule. By submission of this bid, I understand that Gwinnett County uses Electronic Payments for remittance of goods and services. Vendors should select their preferred method of electronic payment upon notice of award. For more information on electronic payments, please refer to the Electronic Payment information in the instructions to bidders.

Legal Business Name _____

Address _____

Does your company currently have a location within Gwinnett County? Yes No

Representative Signature _____

Print Authorized Representative's Name _____

Telephone Number _____ Fax Number _____

E-Mail Address _____

Contact Person (if someone other than the authorized representative listed above)

Telephone Number _____ Fax Number _____

E-Mail Address _____

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REFERENCES

Gwinnett County requests a minimum of three (3) references where work of a similar size and scope has been completed within the last five (5) years.

- 1. Company Name _____
Brief Description Of Project _____
Completion Date _____
Contact Person _____
Telephone Number _____ Fax Number _____
E-Mail Address _____

- 2. Company Name _____
Brief Description Of Project _____
Completion Date _____
Contact Person _____
Telephone _____ Facsimile _____
E-Mail Address _____

- 3. Company Name _____
Brief Description Of Project _____
Completion Date _____
Contact Person _____
Telephone _____ Facsimile _____
E-Mail Address _____

Company Name _____



BL052-25, Provision of Inspection, Cleaning and Repair of Underground Detention Systems at Various Park Locations on an Annual Contract

CODE OF ETHICS AFFIDAVIT

PLEASE RETURN THIS FORM COMPLETED WITH YOUR SUBMITTAL. SUBMITTED FORMS ARE REQUIRED PRIOR TO EVALUATION.

In accordance with Section 54-33 of the Gwinnett County Code of Ordinances the undersigned bidder/proposer makes the following full and complete disclosure under oath, to the best of their knowledge, of the name(s) of all elected officials whom it employs or who have a direct or indirect pecuniary interest in or with the vendor, its affiliates or its subcontractors:

1. _____
Company Submitting Bid/Proposal

- 2. Please select one of the following:
 - No information to disclose (*complete only section 4 below*)
 - Disclosed information below (*complete section 3 & section 4 below*)

3. If additional space is required, please attach list:

Gwinnett County Elected Official Name

Gwinnett County Elected Official Name

Gwinnett County Elected Official Name

Gwinnett County Elected Official Name

4. BY: _____
Authorized Officer or Agent Signature

Sworn to and subscribed before me this

Printed Name of Authorized Officer or Agent

_____ day of _____, 20____

Title of Authorized Officer or Agent of Contractor

Notary Public

(seal)

Note: See Gwinnett County Code of Ethics Ordinance E02011, Sec. 54-33. The ordinance will be available to view in its' entirety at **GwinnettCounty.com**



BL052-25, Provision of Inspection, Cleaning and Repair of Underground Detention Systems at Various Park Locations on an Annual Contract

**CONTRACTOR AFFIDAVIT AND AGREEMENT
(THIS FORM SHOULD BE FULLY COMPLETED AND RETURNED WITH YOUR SUBMITTAL)**

By executing this affidavit, the undersigned contractor verifies its compliance with The Illegal Immigration Reform Enhancements for 2013, stating affirmatively that the individual, firm, or corporation which is contracting with the Gwinnett County Board of Commissioners has registered with and is participating in a federal work authorization program* [any of the electronic verification of work authorization programs operated by the United States Department of Homeland Security or any equivalent federal work authorization program operated by the United States Department of Homeland Security] to verify information of newly hired employees, pursuant to the Immigration Reform and Control Act, in accordance with the applicability provisions and deadlines established therein.

The undersigned further agrees that, should it employ or contract with any subcontractor(s) in connection with the physical performance of services or the performance of labor pursuant to this contract with the Gwinnett County Board of Commissioners, contractor will secure from such subcontractor(s) similar verification of compliance with the Illegal Immigration Reform and Enforcement Act on the Subcontractor Affidavit provided in Rule 300-10-01-.08 or a substantially similar form. Contractor further agrees to maintain records of such compliance and provide a copy of each such verification to the Gwinnett County Board of Commissioners at the time the subcontractor(s) is retained to perform such service.

E-Verify * User Identification Number

Date Registered

Legal Company Name

Street Address

City/State/Zip Code

BY: _____
Authorized Officer or Agent
(Contractor Signature)

Date

Title of Authorized Officer or Agent of Contractor

Printed Name of Authorized Officer or Agent

SUBSCRIBED AND SWORN
BEFORE ME ON THIS THE
_____ DAY OF _____, 20_____

Notary Public
My Commission Expires: _____

For Gwinnett County Use Only:
Document ID # _____
Issue Date: _____
Initials: _____

* As of the effective date of O.C.G.A. 13-10-91, the applicable federal work authorization program is "E-Verify" operated by the U.S. Citizenship and Immigration Services Bureau of the U.S. Department of Homeland Security, in conjunction with the Social Security Administration (SSA).

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LIST OF SUBCONTRACTORS

I do _____, do not _____, propose to subcontract some of the work on this project. I propose to Subcontract work to the following subcontractors:

| NAME AND ADDRESS | TYPE OF WORK |
|-------------------------|---------------------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

Company Name_____

VENDOR INSURANCE REQUIREMENTS

Insurance:

Contractor shall provide evidence of insurance for at least the coverage and amounts set forth below. All insurance shall be maintained in the form and with a company (or companies) satisfactory to the Gwinnett County Board of Commissioners. The Contractor and their Subcontractor’s/vendor’s Certificates of Insurance shall require that the County be notified in writing thirty (30) days prior to cancellation, modification, or non-renewal of any insurance policy listed on the certificate(s). Upon request, the County will be provided certified copies of all required insurance policies.

A. Minimum Coverage

Commercial General Liability (Occurrence Form):

| | |
|--|-------------|
| General Aggregate (other than Prod/Comp Ops Liability) | \$2,000,000 |
| Products/Completed Operations Aggregate | \$2,000,000 |
| Personal & Advertising Injury Liability | \$1,000,000 |
| Each Occurrence | \$1,000,000 |

- Gwinnett County Board of Commissioners to be named as Additional Insured
- Additional Insured Endorsement CG 20 10 (edition dates of 07/04, 04/13, 12/19 or a substitute endorsement providing equivalent coverage) and CG 2037 (edition dates of 07/04, 04/13, 12/19 or a substitute endorsement providing equivalent coverage) must be provided with your Certificate of Insurance.
- Primary and Non-Contributory Endorsement to be specified in writing
- Contractual Liability
- Broad Form Property Damage
- Severability of Interest
- Underground, explosion, and collapse coverage
- Personal Injury (deleting both contractual and employee exclusions)
- Incidental Medical Malpractice
- Hostile Fire Pollution Wording
- Include Waiver of Subrogation in favor of Gwinnett County Board of Commissioners
- If project or operations are within 50 ft of a railroad, Contractor is required to name the specific Railroad as an Additional Insured and provide a copy of the Additional Insured Endorsement CG2417 or its equivalent.
- In the event the General Liability insurance required by this Contract is written on a claims-made basis, Contractor warrants that any retroactive date under the policy shall precede the effective date of this Contract; and that either continuous coverage will be maintained, or an extended discovery period will be exercised for a period of five (5) years or applicable statute of limitation period following completion of the work.

Automobile Liability to include:

| | |
|---------------------------------------|-------------|
| Combined Single Limit – Each Accident | \$1,000,000 |
|---------------------------------------|-------------|

- Comprehensive form providing coverage for bodily injury, death of any person, and property damage arising out of the ownership, maintenance, and use of all owned, non-owned, leased, hired, borrowed vehicles, and any other statutorily required automobile coverage.

- Gwinnett County Board of Commissioners to be named as Additional Insured
- Additional Insured Endorsements must be provided with the Certificate of Insurance
- Coverage to include loading and unloading
- Contractual Liability

Worker’s Compensation & Employer’s Liability Coverage to include:

| | |
|---|--------------------------------|
| Workers Compensation | Georgia State Statutory Limits |
| Employers Liability | |
| Bodily Injury by Accident – Each Accident | \$ 500,000 |
| Bodily Injury by Disease – Policy Limit | \$ 500,000 |
| Bodily Injury by Disease – Each Employee | \$ 500,000 |

- Waiver of Subrogation in favor of Gwinnett County Board of Commissioners

Umbrella/Excess Liability Insurance with policy limits as determined by Contract Sums (higher limits may be required depending on the extent of contract):

Contract Sums:

| | |
|---|--------------|
| Contracts up to \$999,999 | |
| Each Occurrence and Aggregate Limit | \$1,000,000 |
| Contracts from \$1,000,000 to \$1,999,999 | |
| Each Occurrence and Aggregate Limit | \$3,000,000 |
| Contracts from \$2,000,000 to \$4,999,999 | |
| Each Occurrence and Aggregate Limit | \$5,000,000 |
| Contracts Over \$5,000,000 | |
| Each Occurrence and Aggregate Limit | \$10,000,000 |

- Concurrency of Effective Dates with Primary
- Blanket Contractual Liability
- Drop Down Feature
- Umbrella Policy must be as broad as the primary policy.
- Coverage excess over General Liability, Business Auto Liability, and Employers Liability
- In the event the Umbrella/Excess Liability insurance required by this Contract is written on a claims- made basis, Contractor warrants that any retroactive date under the policy shall precede the effective date of this Contract; and that either continuous coverage will be maintained or an extended discovery period will be exercised for a period of five (5) years or applicable statute of limitation period following completion of the work.
- Evidence of coverage in the form of a Certificate of Insurance shall be provided to the County prior to start of work.
- Gwinnett County Board of Commissioners shall be Additional Insureds.
- Contractor shall be liable for money, securities, or other property of the County.
- Such coverage shall include an owner coverage endorsement for County and County shall be included as a loss payee.
- Additional Insured Endorsements must be provided with the Certificate of Insurance

Cyber Liability Insurance: Applies if scope of work includes the storage or transfer of any County data or

sensitive data (including but not limited to personally identifiable, health, or payment card data) or the related hosting of database(s) or internet site(s):

| | |
|------------------------------|-------------|
| Limit of Insurance per Claim | \$1,000,000 |
| Aggregate Limit | \$1,000,000 |

The Contractor shall maintain insurance coverage for network security and privacy risks, including, but not limited to, insurance for data breach or introduction of virus or malicious codes, consumer notification, whether or not required by law, forensic investigation, public relations and crisis management and credit or identity monitoring or similar remediation services, unauthorized access, failure of security information theft, damage to destruction of or alteration of electronic information, breach of privacy perils, wrongful disclosure and release of private information, collection, or other negligence in the handling of confidential information, and including coverage for related regulatory fines, defenses, and penalties allowed by law.

Property Insurance:

The Contractor is fully and solely responsible for any physical loss or damage to all tools, equipment, construction office trailers and their contents, vehicles or any other personal property utilized in the performance of the Contractor's work. Contractor agrees to waive its rights of recovery and cause its insurers, if any, to waive their rights of subrogation against Owner and Company for any such damage or loss, however caused.

Riggers Liability Insurance:

If any work to be performed involves the rigging, lifting, lowering or moving of property or equipment, then those parties performing such work shall carry Rigger's Liability Insurance in an amount adequate to insure against the physical loss or damage to the property or equipment in its care

Aviation Insurance: Applies if scope of work requires the use of aircraft, including helicopters, unmanned aircraft systems (e.g., drones) and/or fixed-wing aircraft:

Maintain (or require aircraft owner or operator to maintain), and Contractor shall furnish proof of, Aircraft Liability insurance with minimum limits of \$10,000,000 per occurrence for bodily injury and property damage of all aircraft.

Unmanned aircraft systems, minimum limits of \$2,000,000 for bodily injury, property damage, and personal injury (including invasion of privacy) for unmanned aircraft systems, and guest voluntary settlement bodily injury coverage (for any aircraft except unmanned aircraft systems)

- Such policy shall include contractual liability covering all owned and non-owned aircraft
 - If the party providing the Aircraft Liability insurance is not Contractor, then Contractor shall require such party to (a) waive any subrogation rights of recovery they and/or their insurance carriers may have against County and any other indemnified parties and (b) name County and such other parties as Additional Insureds
 - The Contractor shall (or shall require aircraft owner or operator) to hire, employ, and utilize pilots certified by the Federal Aviation Administration to operate any such aircraft.
- B. Gwinnett County Board of Commissioners (and any applicable Authority) must be specified in writing as an Additional Insured on General Liability, Auto Liability and Umbrella Liability policies.
- C. The cancellation should provide 10 days' notice for nonpayment and 30 days' notice of cancellation.

- D. Certificate Holder should read:
- Gwinnett County Board of Commissioners
75 Langley Drive
Lawrenceville, GA 30046-6935
- E. Insurance Company, except Worker' Compensation carrier, must have an A.M. Best Rating of A-7 or higher. Certain Workers' Comp funds may be accepted subject to the approval of the Gwinnett County Insurance Unit. European markets including those based in London and domestic surplus lines markets that operate on a non-admitted basis are exempt from this requirement provided that the Contractor's broker/agent can provide financial data to establish that a market is equal to or exceeds the financial strengths associated with the A.M. Best's rating of A-7 or better.
- F. Insurance companies providing coverage should be licensed, and authorized to do business by the Office of the Insurance and Safety Fire Commissioner of Georgia ("Insurance Commissioner"), with the exception of non- admitted carriers, in which case the broker placing coverage should be licensed by the Insurance Commissioner. All agents placing coverage should be licensed by the Insurance Commissioner, either as a resident or non-resident.
- G. Certificates of Insurance, and any subsequent renewals, must reference each corresponding bid/contract by project name and project/bid number, if applicable.
- H. The Contractor shall agree to provide complete certified copies of current insurance policy(ies) or a certified letter from the insurance company(ies) if requested by the County to verify compliance with these insurance requirements.
- I. All insurance coverage required to be provided by the Contractor shall state that it is primary over any insurance program carried by the County.
- J. Contractor shall incorporate a copy of the insurance requirements as herein provided in each and every subcontract with each and every subcontractor in any tier and shall require each and every subcontractor of any tier to comply with all such requirements. The Contractor agrees that if for any reason a subcontractor fails to procure and maintain insurance as required, all such required insurance shall be procured and maintained by Contractor at Contractor's expense.
- K. No Contractor or Subcontractor shall commence any work of any kind under this Contract until all insurance requirements contained in this Contract have been complied with and until evidence of such compliance satisfactory to Gwinnett County as a to form and content has been filed with Gwinnett County. The ACORD Certificate of Insurance or a preapproved substitute is the required form in all cases where reference is made to a Certificate of Insurance or an approved substitute.
- L. The Contractor and its insurer(s) shall agree to waive all rights of subrogation against the County, the Board of Commissioners, its officers, officials, employees, and volunteers from losses arising from work performed by the Contractor for the County.
- M. Special Form Contractors' Equipment and Contents Insurance covering owned, used, and leased equipment, tools, supplies, and contents is required to perform the services called for in the Contract. The coverage must be on a replacement cost basis. The County will be included as a Loss Payee in this coverage for County owned equipment, tools, supplies, and contents.
- N. The Contractor shall make available to the County, through its records or the records of its insurer, information regarding any claim related to a County project. Any loss run information

relating to a County project will be made available to the County upon its request.

- O. Compliance by the Contractor and Subcontractors with the foregoing insurance requirements shall not relieve the Contractor and Subcontractors of liability under the Contract and any applicable law.
- P. The Contractor and all Subcontractors are to comply with the Occupational Safety and Health Act of 1970, Public Law 91-956, and any other laws that may apply to this Contract.
- Q. The Contractor shall at a minimum apply risk management practices accepted by the Contractors' industry.
- R. The Contractor shall advise the County if required limits of insurance become eroded or impaired.

Surety Bonds (if required)

All of the surety requirements will stay the same except the Surety Company must have the same rating as set forth in item E above.

**GWINNETT COUNTY
DEPARTMENT OF FINANCIAL SERVICES – PURCHASING DIVISION
GENERAL INSTRUCTIONS FOR VENDORS, TERMS AND CONDITIONS**

*****ATTENTION*****

FAILURE TO RETURN THE FOLLOWING DOCUMENTS MAY RESULT IN SUBMITTAL BEING DEEMED NON-RESPONSIVE AND AUTOMATIC REJECTION. THE COUNTY SHALL BE THE SOLE DETERMINANT OF TECHNICALITY VS. NON-RESPONSIVE SUBMITTAL:

1. FAILURE TO USE COUNTY FEE SCHEDULE.
2. FAILURE TO RETURN OR ACKNOWLEDGE APPLICABLE COMPLIANCE/SPECIFICATION SHEETS.
3. FAILURE TO RETURN OR ACKNOWLEDGE APPLICABLE ADDENDA.
4. FAILURE TO PROVIDE INFORMATION ON ALTERNATES OR EQUIVALENTS.
5. FAILURE TO PROVIDE BID BOND, WHEN REQUIRED, WILL RESULT IN SUBMITTAL BEING DEEMED NON-RESPONSIVE AND AUTOMATIC REJECTION. BID BONDS ARE NOT REQUIRED ON ALL SOLICITATIONS. BOND REQUIREMENTS ARE CLEARLY STATED ON THE INVITATION PAGE. IF CLARIFICATION IS NEEDED, CONTACT THE PURCHASING ASSOCIATE LISTED IN THE INVITATION. **IF BONDS ARE REQUIRED, FORMS WILL BE PROVIDED IN THIS SOLICITATION DOCUMENT.**
6. FAILURE TO PROVIDE CONTRACTOR AFFIDAVIT AND AGREEMENT, WHEN REQUIRED, MAY RESULT IN SUBMITTAL BEING DEEMED NON-RESPONSIVE AND REJECTED. THE CONTRACTOR AFFIDAVIT AND AGREEMENT IS NOT REQUIRED ON ALL SOLICITATIONS. IF CLARIFICATION IS NEEDED, CONTACT THE PURCHASING ASSOCIATE LISTED IN THE INVITATION.
7. FAILURE TO PROVIDE AN ETHICS AFFIDAVIT WHEN REQUIRED, MAY RESULT IN SUBMITTAL BEING DEEMED NON-RESPONSIVE AND REJECTED. THE ETHICS AFFIDAVIT IS REQUIRED ON ALL FORMAL SOLICITATIONS OVER \$100,000.00. IF CLARIFICATION IS NEEDED, CONTACT THE PURCHASING ASSOCIATE LISTED IN THE INVITATION.

I. PREPARATION OF SUBMITTAL

- A. Each vendor shall examine the drawings, specifications, schedule, and all instructions. Failure to do so will be at the vendor's risk, as the vendor will be held accountable for their submittal.
- B. Each vendor shall furnish all information required by the solicitation form or document. Each vendor shall sign the submittal and print or type his or her name on the fee schedule. The person signing the submittal should initial erasures or other changes. An authorized agent of the vendor must sign the submittal.
- C. Fee schedule pricing should have only two decimal places unless otherwise stated. In the event of a calculation error in total price, the unit pricing prevails.
- D. Except for solicitations for the sale of real property, individuals, firms, and businesses seeking an award of a Gwinnett County contract may not initiate or continue any verbal or written communications regarding a solicitation with any County officer, elected official, employee, or other County representative other than the Purchasing Associate named in the solicitation between the date of the issuance of the solicitation and the date of the final award. The Purchasing Director will review violations. If determined that such communication has compromised the competitive process, the offer submitted by the individual, firm or business may be disqualified from consideration for award. Solicitations for the sale of real property may allow for verbal or written communications with the appropriate Gwinnett County representative.
- E. Sample contracts (if pertinent) are attached. These do NOT have to be filled out with the submittal but are contained for informational purposes only. If awarded, the successful vendor(s) will be required to execute these documents prior to County execution.
- F. Effective July 1, 2013 and in accordance with the Georgia Illegal Immigration Reform Enhancements for 2013, an original signed, notarized and fully completed Contractor Affidavit and Agreement should be included with vendor's submittal, if the solicitation is for the physical performance of services for all labor or service contract(s) that exceed \$2,499.99 (except for services performed by an individual who is licensed pursuant to Title 26, Title 43, or the State Bar of Georgia). Failure to provide the Contractor Affidavit and Agreement with your submittal may result in being deemed non-responsive and automatic rejection.

II. DELIVERY

- A. Each vendor should state time of proposed delivery of goods or services.
- B. Words such as "immediate," "as soon as possible," etc. should not be used. The known earliest date or the minimum number of calendar days required after receipt of order (delivery A.R.O.) should be stated. If calendar days are used, include Saturday, Sunday, and holidays in the number.

III. EXPLANATION TO VENDORS

Any explanation desired by a vendor regarding the meaning or interpretation of the solicitation, drawings, specifications, etc. must be requested by the question cutoff deadline stated in the solicitation for a reply to reach all vendors before the deadline of the solicitation. Any information given to a prospective vendor concerning a solicitation

will be furnished to all prospective vendors as an addendum to the solicitation if such information is necessary or if the lack of such information would be prejudicial to uninformed vendors. The written solicitation documents supersede any verbal or written communications between the parties. Receipt of addenda should be acknowledged in the submittal. **It is the vendor's responsibility to ensure they have all applicable addenda prior to their submittal.** This may be accomplished by contacting the assigned Purchasing Associate prior to the submittal or visiting the Gwinnett County website.

IV. SUBMISSION OF FORMAL OFFERS/SUBMITTALS

- A. Formal bid and proposal submittals shall be enclosed in a sealed package or envelope, addressed to the Gwinnett County Purchasing Division with the name of the vendor, the date and hour of opening and the solicitation number on the face of the package or envelope. Facsimile or emailed submittals will not be considered. Any addenda should be enclosed in the sealed envelopes as well.
- B. ADD/DEDUCT: Add or deduct amounts indicated on the outside of the envelope are allowed and will be applied to the lump sum amount. Amount shall be clearly stated and should be initialed by an authorized representative.
- C. Samples of items, when required, must be submitted within the time specified and, unless otherwise specified by the County, at no expense to the County. Unless otherwise specified, samples will be returned at the vendor's request and expense, if items are not destroyed by testing.
- D. Items offered must meet required specifications and must be of a quality that will adequately serve the use and purpose for which intended.
- E. Full identification of each item submitted, including brand name, model, catalog number, etc. must be furnished to identify exactly what the vendor is offering. Manufacturer's literature may be furnished but vendor should not submit excessive marketing material.
- F. The vendor must certify that items to be furnished are new and that the quality has not deteriorated to impair its usefulness.
- G. Unsigned submittals will not be considered except in cases where it is enclosed with other documents that have been signed. The County will determine acceptability in these cases.
- H. Gwinnett County is exempt from federal excise tax and Georgia sales tax regarding goods and services purchased directly by Gwinnett County. Vendors are responsible for federal excise tax and sales tax, including taxes for materials incorporated in county construction projects. Vendors should contact the State of Georgia Sales Tax Division for additional information. Agreements were there is a cost-plus mark-up, mark-up will not be paid on taxes.
- I. Information submitted by a vendor in the solicitation process shall be subject to disclosure after the public opening in accordance with the Georgia Open Records Act.

V. WITHDRAWAL DUE TO ERRORS

Vendors must give Gwinnett County Purchasing Division written notice within two (2) business days of completion of the opening stating that they wish to withdraw their submittal without penalty for an obvious clerical or calculation error. Submittal may be withdrawn from consideration if the price was substantially lower than the other submittals due solely to a mistake therein, provided pricing was submitted in good faith, and the mistake was a clerical mistake as opposed to a judgment mistake and was due to an unintentional arithmetic error or an unintentional omission of a quantity of work, labor or material made directly in the compilation of the submittal. The unintentional arithmetic error or omission can be clearly proven through inspection of the original work papers, documents, and materials used in preparing the submittal sought to be withdrawn. The vendor's original work papers shall be the sole acceptable evidence of error and mistake if a vendor elects to withdraw their submittal. If a quote or bid submittal is withdrawn under the authority of this provision, the lowest remaining responsive offer shall be deemed to be low bid.

No vendor who is permitted to withdraw their submittal shall, for compensation, supply any material or labor or perform any subcontract or other work agreement for the person or firm to whom the contract is awarded or otherwise benefit, directly or indirectly, from the performance of the project for which the withdrawn bid or proposal was submitted.

Vendors who fail to request withdrawal by the required forty-eight (48) hours may automatically forfeit bid bond if a bond was required. Bid may not be withdrawn otherwise.

Withdrawal is not automatically granted and will be allowed solely at Gwinnett County's discretion.

VI. TESTING AND INSPECTION

Since tests may require several days for completion, the County reserves the right to use a portion of any supplies before the results of the tests are determined. Cost of inspections and tests of any item that fails to meet the specifications, shall be borne by the vendor.

VII. F.O.B. POINT

Unless otherwise stated in the request for invitation and any resulting contract, or unless qualified by the vendor, items shall be shipped F.O.B. Destination, Freight Prepaid and Allowed. The seller shall retain title for the risk of transportation, including the filing for loss or damages. The invoice covering the items is not payable until items are delivered and the contract of carriage has been completed. Unless the F.O.B. clause states otherwise, the seller assumes transportation and related charges either by payment or allowance.

VIII. PATENT INDEMNITY

The vendor guarantees to hold the County, its agents, officers, or employees harmless from liability of any nature or kind for use of any copyrighted or uncopyrighted composition, secret process, patented or unpatented invention, articles or appliances furnished or used in the performance of the contract, for which the vendor is not the patentee, assignee, or licensee.

IX. BID BONDS AND PAYMENT AND PERFORMANCE BONDS (IF REQUIRED, FORMS WILL BE PROVIDED IN THIS DOCUMENT)

A five percent (5%) bid bond, a one hundred percent (100%) performance bond, and a one hundred percent (100%) payment bond must be furnished to Gwinnett County for any solicitation as required in the solicitation package or document. **Failure to submit a bid bond with the proper rating will result in submittal being deemed non-responsive.** Bonding company must be authorized to do business in Georgia by the Georgia Insurance Commission, listed in the Department of the Treasury's publication of companies holding certificates of authority as acceptable surety on Federal bonds and as acceptable reinsuring companies, and have an A.M. Best rating as stated in the insurance requirement of the solicitation. **The bid bond, payment bond, and performance bond must have the proper A.M. Best rating as stated in the solicitation document.**

X. DISCOUNTS

- A. Time payment discounts may be considered in arriving at net prices and in award of solicitations. Offers of discounts for payment within ten (10) days following the end of the month are preferred.
- B. In connection with any discount offered, time will be computed from the date of delivery and acceptance at destination, or from the date correct invoice or voucher is received, whichever is the later date. Payment is deemed to be made for the purpose of earning the discount on the date of the County check.

XI. AWARD

- A. Award will be made to either the highest scoring firm (for proposals) or the lowest responsive and responsible vendor (for quotes/bids). The quality of the articles to be supplied, their conformity with the specifications, their suitability to the requirements of the County, and the delivery terms will be taken into consideration in making the award. The County may make such investigations as it deems necessary to determine the ability of the vendor to perform, and the vendor shall furnish to the County all such information and data for this purpose as the County may request. The County reserves the right to reject any submittal if the evidence submitted by, or investigation of such vendor fails to satisfy the County that such vendor is properly qualified to carry out the obligations of the contract.
- B. The County reserves the right to reject or accept any or all offers and to waive technicalities, informalities and minor irregularities in the submittals received.
- C. The County reserves the right to make an award as deemed in its best interest, which may include awarding to a single vendor or multiple vendors; or to award the whole solicitation agreement, only part of the agreement, or none of the agreement, based on its sole discretion of its best interest.
- D. In the event of proposal scores rounded to the nearest whole number result in a tie score, the award will be based on lowest cost.
- E. If proposal negotiations with the highest ranked firm are unsuccessful, the County may then negotiate with the second ranked firm and so on until a satisfactory agreement has been reached.

XII. DELIVERY FAILURES

Failure of a vendor to deliver within the time specified or within reasonable time as interpreted by the Purchasing Director, or failure to make replacement of rejected articles/services when so requested, immediately or as directed by the Purchasing Director, shall constitute authority for the Purchasing Director to purchase in the open market articles/services of comparable grade to replace the articles/services rejected or not delivered. On all such purchases, the vendor shall reimburse the County within a reasonable time specified by the Purchasing Director for any expense incurred in excess of the contract prices, or the County shall have the right to deduct such amount from monies owed the defaulting vendor. Alternatively, the County may penalize the vendor one percent (1%) per day for a period of up to ten (10) days for each day that delivery or replacement is late. Should public necessity demand it, the County reserves the right to use or consume articles/services delivered which are substandard in quality, subject to an adjustment in price to be determined by the Purchasing Director.

XIII. COUNTY FURNISHED PROPERTY

No material, labor or facilities will be furnished by the County unless so provided in the solicitation package.

XIV. REJECTION OF SUBMITTALS

Failure to observe any of the instructions or conditions in this solicitation package may constitute grounds for rejection.

XV. CONTRACT

Each submittal is received with the understanding that the acceptance in writing by the County of the offer to furnish any or all the commodities or services described therein shall constitute a contract between the vendor and the County which shall bind the vendor on his part to furnish and deliver the articles quoted at the prices stated in accordance with the conditions of said accepted submittal. The County, on its part, may order from such vendor, except for cause beyond reasonable control, and to pay for, at the agreed prices, all articles specified and delivered.

Upon receipt of a solicitation package containing a Gwinnett County "Sample Contract" as part of the requirements, it is understood that the vendor has reviewed the documents with the understanding that Gwinnett County requires that all agreements between the parties must be entered into via this document. If any exceptions are taken to any part, each must be stated in detail and submitted as part of the vendor's submittal. If no exceptions are stated, it is assumed that the vendor fully agrees to the provisions contained in the "Sample Contract" in its entirety.

Any Consultant as defined in O.C.G.A. §36-80-28 that is engaged to develop or draft specifications/requirements or serve in a consultative role during the procurement process for any County procurement method, by entering into such an arrangement or executing a contract, the consultant agrees to abide by the current state law and: 1) Avoid any appearance of impropriety and shall follow all policies and procedures of the County, 2) Disclose to the County any material transaction or relationship pursuant to §36-80-28, that is considered a conflict of interest, any involvement in litigation or other dispute, relationship, or financial interest not disclosed in the ethics affidavit, and 3) Acknowledge that any violation or threatened violation of the agreement may cause irreparable injury to the County, entitling the County to seek injunctive relief in addition to all other legal remedies.

When the vendor has performed in accordance with the provisions of this agreement, Gwinnett County shall pay to the vendor, within thirty (30) days of receipt of any department approved payment request and based upon work completed or service provided pursuant to the contract, the sum so requested, less the retainage stated in this agreement, if any. If Gwinnett County fails to pay the vendor within sixty (60) days of receipt of a pay request based upon work completed or service provided pursuant to the contract, the County shall pay the vendor interest at the rate of ½% per month or pro rata fraction thereof, beginning the sixty-first (61st) day following receipt of pay requests. The vendor's acceptance of progress payments or final payment shall release all claims for interest on said payment.

The parties agree that this Contract shall be governed and construed in accordance with the laws of the State of Georgia.

XVI. NON-COLLUSION

Vendor declares that the submittal is not made in connection with any other vendor's submittal for the same commodity or commodities, and that the submittal is bona fide and is in all respects fair and without collusion or fraud. An affidavit of non-collusion shall be executed by each vendor. Collusion and fraud in submittal preparation shall be reported to the State of Georgia Attorney General and the United States Justice Department.

XVII. DEFAULT

The contract may be canceled or annulled by the Purchasing Director in whole or in part by written notice of default to the vendor upon non-performance or violation of contract terms. An award may be made to the next low responsive and responsible vendor, or the next highest scoring responsive and responsible proposer, or articles specified may be purchased on the open market similar to those so terminated. In either event, the defaulting vendor (or their surety) shall be liable to the County for costs to the County in excess of the defaulted contract prices; provided, however, that the vendor shall continue the performance of this contract to the extent not terminated under the provisions of this clause. Failure of the vendor to deliver materials or services within the time stipulated on their offer, unless extended in writing by the Purchasing Director, shall constitute contract default.

XVIII. TERMINATION FOR CAUSE

The County may terminate this agreement for cause upon ten days prior written notice to the vendor of the vendor's default in the performance of any term of this agreement. Such termination shall be without prejudice to any of the County's rights or remedies by law.

XIX. TERMINATION FOR CONVENIENCE

The County may terminate this agreement for its convenience at any time upon 30 days written notice to the vendor. In the event of the County's termination of this agreement for convenience, the vendor will be paid for those services actually performed. Partially completed performance of the agreement will be compensated based upon a signed statement of completion to be submitted by the vendor, which shall itemize each element of performance.

XX. SUBSTITUTIONS

Vendors offering substitutions or who are deviating from the attached specifications shall list such deviations on a separate sheet to be submitted with their offer. The absence of

such a substitution list shall indicate that the vendor has taken no exception to the specifications contained herein.

XXI. INELIGIBLE VENDORS

The County may choose not to accept the offer by an individual, firm, or business who is in default on the payment of taxes, licenses, or other monies owed to the County. Additionally, vendors or persons placed on an Ineligible Source List for reasons listed in Part 6, Section II of the Gwinnett County Purchasing Ordinance shall not be eligible to provide any commodities or services to the County during the period such person remains on the Ineligible Source List.

XXII. PENDING LITIGATION

An individual, firm, or business that has litigation pending against the County, or anyone representing a firm or business in litigation against the County, not arising out of the procurement process, will be disqualified.

XXIII. OCCUPATION TAX CERTIFICATE

Each successful vendor must have a valid Gwinnett County occupation tax certificate if the vendor maintains an office within the unincorporated area of Gwinnett County. Incorporated, out of County, and out of State vendors are required to have any and all certificates necessary to do business in any town, County or municipality in the State of Georgia, or as otherwise required by County ordinance or resolution. Vendors may be required to provide evidence of valid certificates. Out of State vendors are required to have a certificate in the Georgia jurisdiction where they receive the most revenue.

XXIV. PURCHASING POLICY AND REVIEW COMMITTEE

The Purchasing Policy & Review Committee has been established to review purchasing procedures and make recommendations for changes; resolve problems regarding the purchasing process; make recommendations for standardization of commodities, schedule buying, qualified products list, annual contracts, supplier performance (Ineligible Source List), and other problems or requirements related to purchasing. The Purchasing Policy & Review Committee has authority to place vendors on the Ineligible Source List for reasons listed in Part 6, Section II of the Gwinnett County Purchasing Ordinance, for a period not to exceed three (3) years.

XXV. AMERICANS WITH DISABILITIES ACT

All vendors for Gwinnett County are required to comply with all applicable sections of the Americans with Disabilities Act (ADA) as an equal opportunity employer. In compliance with the Americans with Disabilities Act (ADA), Gwinnett County provides reasonable accommodations to permit a qualified applicant with a disability to enjoy the privileges of employment equal to those employees without disabilities. Disabled individuals must satisfy job requirements for education background, employment experience, and must be able to perform those tasks that are essential to the job with or without reasonable accommodations. Any requests for the reasonable accommodations required by individuals to fully participate in any open meeting, program or activity of Gwinnett County should be directed to the ADA Coordinator, 75 Langley Drive, Lawrenceville, Georgia 30046, 770-822-8165.

XXVI. ALTERATIONS OF SOLICITATION AND ASSOCIATED DOCUMENTS

Alterations of County documents are strictly prohibited and will result in automatic disqualification of the vendor's solicitation response. If there are "exceptions" or

comments to any of the solicitation requirements or other language, then the firm may make notes to those areas, but may not materially alter any document language.

XXVII. TAX LIABILITY

Local and state governmental entities must notify vendors of their use tax liability on public works projects. Under Georgia law, private vendors are responsible for paying a use tax equal to the sales tax rate on material and equipment purchased under a governmental exemption that is incorporated into a government construction project: excluding material and equipment provided for the installation, repair, or expansion of a public water, gas, or sewer system when the property is installed for general distribution purposes. To the extent the tangible personal property maintains its character (for example, the installation of a kitchen stove), it remains tax-exempt. However, if the installation incorporates the tangible personal property into realty (for example, the installation of sheetrock), it becomes taxable to the private vendor. See O.C.G.A. §48-8-3(2) and O.C.G.A. §48-8-63.

XXVIII. STATE AND FEDERAL LAW REGARDING WORKER VERIFICATION

Effective July 1, 2013 State Law requires that all who enter into a contract for the physical performance of services for all labor or service contract(s) that exceed \$2,499.99 (except for services performed by an individual who is licensed pursuant to Title 26, Title 43, or the State Bar of Georgia) and that all who enter into a contract for public works as defined by O.C.G.A. §36-91-2(12) for the County, must satisfy the Illegal Immigration Reform Enhancements for 2013 in conjunction with the Federal Immigration Reform and Control Act (IRCA) of 1986, in all manner, and such are conditions of the contract.

The Purchasing Division Director with the assistance of the Internal Audit Division shall be authorized to conduct random audits of a vendor's or subcontractors' compliance with the Illegal Immigration Reform Enhancements for 2013 and the rules and regulations of the Georgia Department of Labor. The vendor and subcontractors shall retain all documents and records of its compliance for a period of five (5) years following completion of the contract or shall abide by the current time requirements at the time of the contract. This requirement shall apply to all contracts for all public works, labor or service contracts that exceed \$2,499.99 except for services performed by an individual who is licensed pursuant to Title 26, Title 43, or the State Bar of Georgia.

Whenever it appears that a vendor's or subcontractor's records are not sufficient to verify the work eligibility of any individual in the employment of such vendor or subcontractor, the Purchasing Director shall report same to the Department of Homeland Security and may result in termination of the contract if it is determined at any time during the work that the vendor or subcontractor is no longer in compliance with worker verification.

By submitting an offer to the County, vendor agrees that, in the event the vendor employs or contracts with any subcontractor(s) in connection with the covered contract, the vendor will secure from the subcontractor(s) such subcontractor(s)' indication of the employee-number category applicable to the subcontractor, as well as attestation(s) from such subcontractor(s) that they follow the Illegal Immigration Reform Enhancements for 2013 in conjunction with all federal requirements. Original signed, notarized Subcontractor Affidavits and Agreements must be maintained by the vendor awarded the contract.

A vendor's or subcontractor's failure to participate in the federal work authorization program as defined above shall be subject to termination of the contract. A vendor's failure to follow Gwinnett County's instruction to terminate a subcontractor that is not

participating in the federal work authorization program may be subject to termination of the contract.

XXIX. SOLID WASTE ORDINANCE

No individual, partnership, corporation, or other entity shall engage in solid waste handling except in such a manner as to conform to and comply with the current Gwinnett County Solid Waste Ordinance and all other applicable local, state and federal legislation, rules, regulation, and orders.

XXX. GENERAL CONTRACTORS LICENSE

Effective July 1, 2008: All General Contractors must have a current valid license from the State Licensing Board for Residential and General Contractors, unless specifically exempted from holding such license pursuant to Georgia law (O.C.G.A. §43-41-17).

XXXI. PRODUCTS MANUFACTURED IN GEORGIA

When contracting for or purchasing supplies, materials, equipment, or agricultural products that exceeds \$100,000.00, excluding beverages for immediate consumption, Gwinnett County shall give preference as far as may be reasonable and practicable to such supplies, materials, equipment, and agricultural products as may be manufactured or produced in this state. Such preference shall not sacrifice quality. Gwinnett County Board of Commissioners shall consider, among other factors, information submitted by the vendor which may include the vendor's estimate of the multiplier effect on gross state domestic product and the effect on public revenues of the state and the effect on public revenues of political subdivisions resulting from acceptance of an offer to sell Georgia manufactured or produced goods as opposed to out-of-state manufactured or produced goods. Any such estimates shall be in writing. (O.C.G.A. §36-84-1).

XXXII. INDEMNIFICATION

To the fullest extent permitted by law, the vendor shall, at his sole cost and expense, indemnify, defend, satisfy all judgments, and hold harmless the County, its commissioners, officers, agents, and employees from and against all claims, damages, actions, judgments, costs, penalties, liabilities, losses and expenses, including, but not limited to, attorney's fees arising out of or resulting from the performance of the work, provided that any such claim, damage, action, judgment, cost, penalty, liability, loss or expense (1) is attributable to bodily injury, sickness, disease, or death, or to injury to or destruction of tangible property (other than the work itself) including the loss of use resulting therefrom, and (2) is caused in whole or in part by the negligent acts, errors by any act or omission of the vendor, any subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, regardless whether such claim is caused in part by a party indemnified hereunder. Such obligation shall not be construed to negate, abridge, or otherwise reduce any of the rights or obligations of indemnity which would otherwise exist as to any party or person described in this agreement. In any and all claims against the County, its commissioners, officers, agents, and employees by any employee of the vendor, any subcontractor, anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable, the indemnification obligation contained herein shall not be limited in any way by any limitation on the amount or type of damages, compensation, or benefits payable by or for the vendor or any subcontractor under Worker's Compensation Acts, disability benefit acts, or other employee benefit acts.

Vendor shall also indemnify, hold harmless, insure, and defend the County for damages, losses, or expenses to the extent caused by or resulting from the negligence, recklessness, or intentionally wrongful conduct of the vendor or other persons employed or utilized by the vendor in the performance of a contract that utilizes survey services.

XXXIII. CODE OF ETHICS

Vendors shall disclose under oath the name of all elected officials whom it employs or who have a direct or indirect pecuniary interest in the business entity, its affiliates, or its subcontractors. (This shall not apply to informal purchases as defined by the Purchasing Ordinance.) The vendor shall execute a Code of Ethics affidavit. Failure to submit the affidavit during the procurement process shall render the offer non-responsive.

Any business entity holding a contract with Gwinnett County that after execution of the contract or issuance of the purchase order employs, subcontracts with, or transfers a direct or indirect pecuniary interest in the business entity to an elected official shall within five (5) days disclose such fact in writing under oath to the Clerk of the Board of Commissioners. Failure to comply, or vendors submitting false information or omitting material information shall be referred to the Purchasing Policy & Review Committee for action pursuant to the Purchasing Ordinance or to the District Attorney for possible criminal prosecution. Note: See Gwinnett County Code of Ethics Ordinance EO2011, Sec. 54-33. The ordinance is available to view in its entirety at www.gwinnettcounty.com.

XXXIV. ELECTRONIC PAYMENT

Vendors accepting procurements should select one of Gwinnett County's electronic payment options.

- A. A vendor may select ePayables payment process which allows acceptance of Gwinnett County's virtual credit card as payment for outstanding invoices. The authorized vendor representative must send an email to: vendorelectronicpayment@gwinnettcounty.com and indicate the desire to enroll in Gwinnett County's virtual credit card payment process.
- B. A vendor may select Direct Deposit payment process and the payment will be deposited directly into an account at their designated financial institution. To securely enroll in Direct Deposit, either access your online [Vendor Login and Registration](#) on the County's web site and update the requested information on the Direct Deposit tab or mail a [Direct Deposit Authorization Agreement](#) form.

The County will send a Payment Advice notification via email for both payment types. For more information about Electronic Payments, please visit the Gwinnett County Treasury Division page or click here -> [Gwinnett County Electronic Payments](#).

DIRECTIONS TO GJAC BUILDING FROM I-85

Take I-85 to Georgia Highway 316 (Lawrenceville/Athens exit). Exit Highway 120 (Lawrenceville/Duluth exit) and turn right. At seventh traffic light, turn right onto Langley Drive. Cross Highway 29 through the traffic light and proceed through the roundabout. Visitors can either proceed to the front parking area on the left or to the parking deck behind the building. Click [here](#) for additional information about parking. The Purchasing Division is located on the second floor, West Wing.

**FAILURE TO RETURN THIS PAGE MAY RESULT IN REMOVAL OF YOUR COMPANY FROM
COMMODITY LISTING.**

BL029-25

Buyer Initials: JS

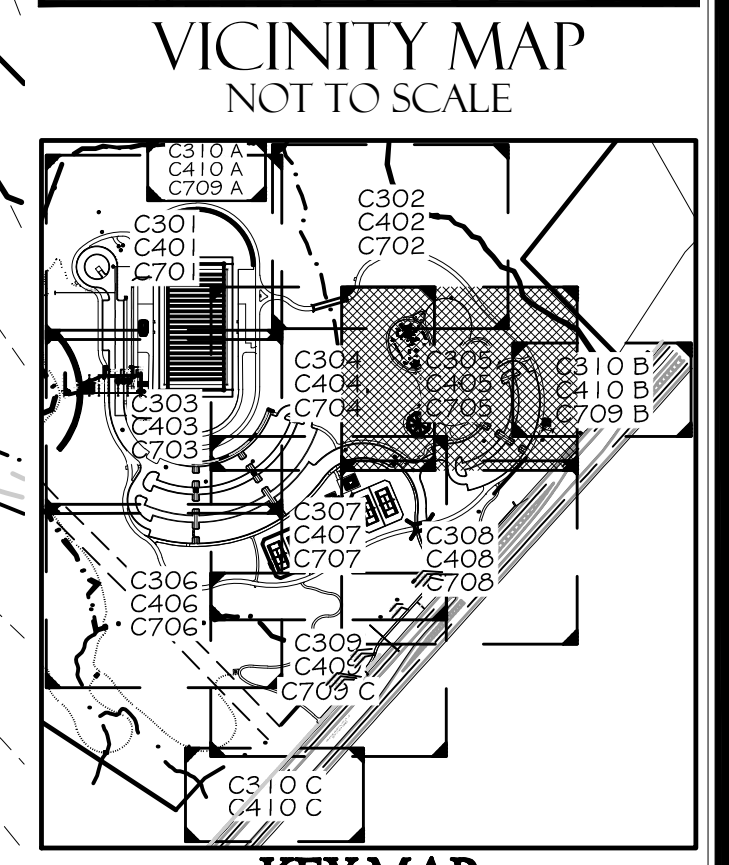
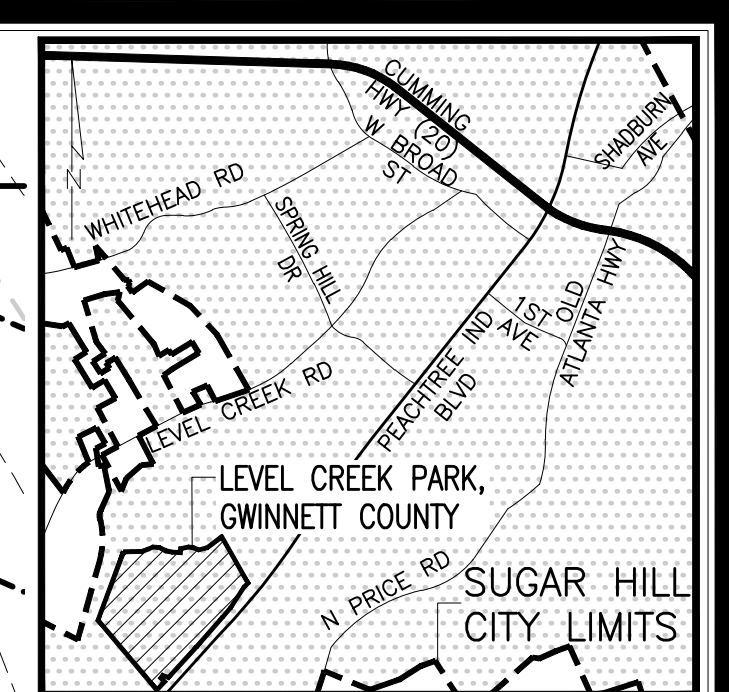
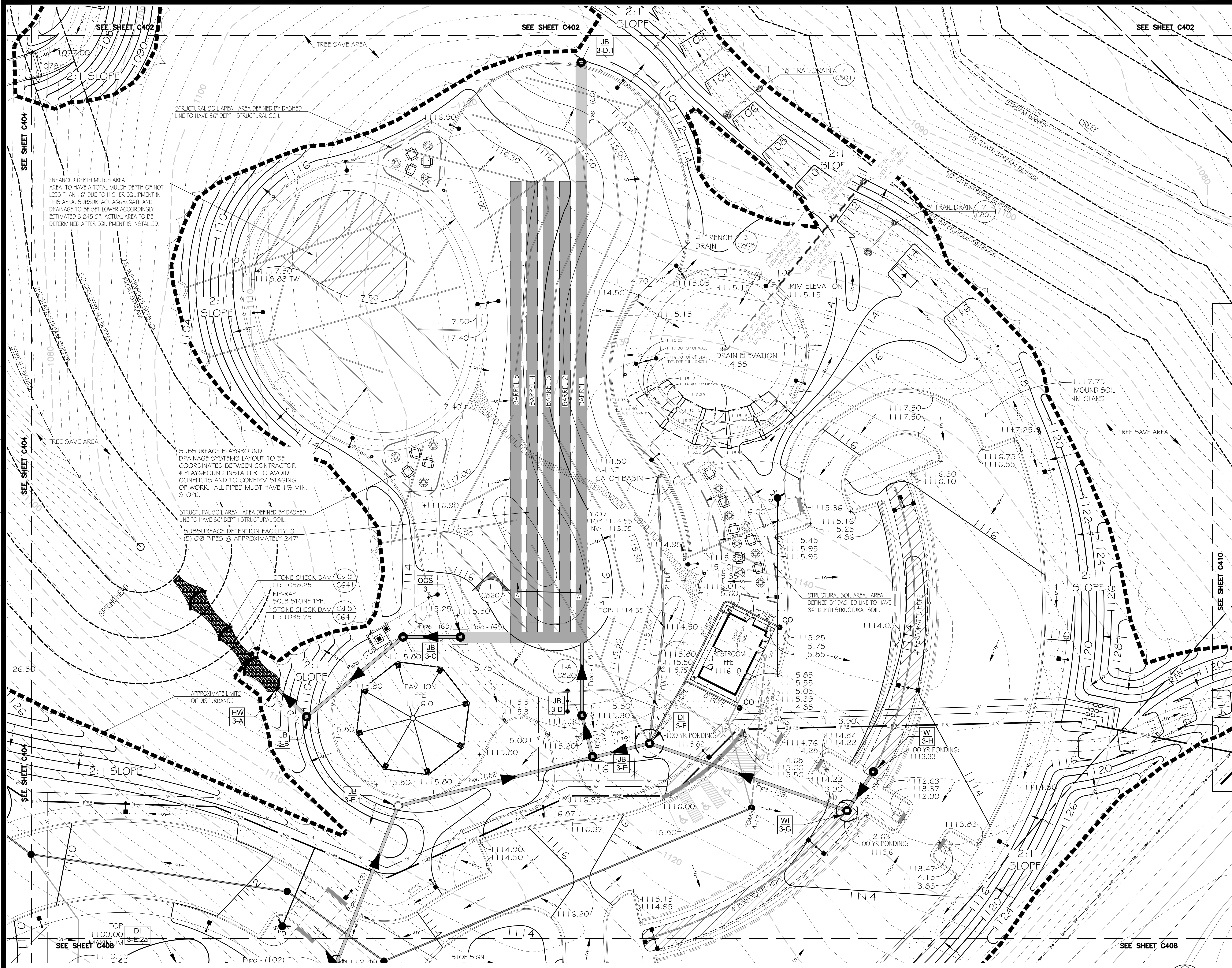
IF YOU DESIRE TO SUBMIT A "NO BID" IN RESPONSE TO THIS PACKAGE, PLEASE INDICATE BY
CHECKING ONE OR MORE OF THE REASONS LISTED BELOW AND EXPLAIN.

- Do not offer this product or service; remove us from your bidder's list for this item only.
- Specifications too "tight"; geared toward one brand or manufacturer only.
- Specifications are unclear.
- Unable to meet specifications
- Unable to meet bond requirements
- Unable to meet insurance requirements
- Our schedule would not permit us to perform.
- Insufficient time to respond.
- Other

COMPANY NAME _____

AUTHORIZED REPRESENTATIVE _____

SIGNATURE

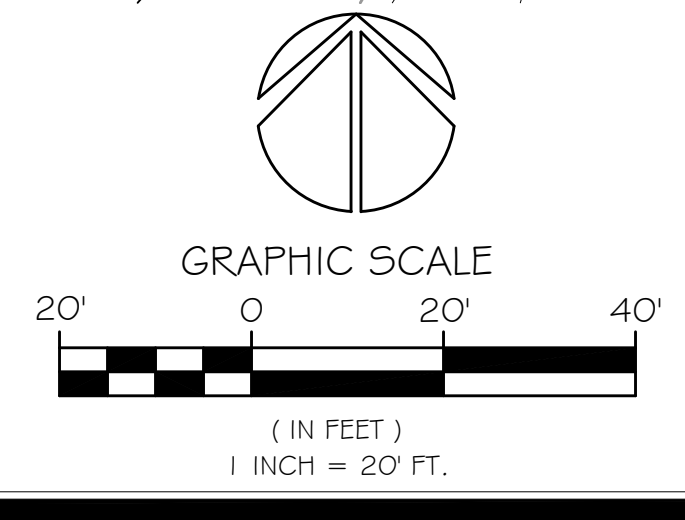


- CITY OF SUGAR HILL NOTES:**
1. GRADING: MAX. CUT OR FILL IS 2:1
 2. HDPE PIPE SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M-294 AND AASHTO MP7, TYPE 5 & 4. CONNECTIONS SHALL USE A RUBBER GASKET, WHICH CONFORMS TO ASTM F-477. INSTALLATION SHALL BE IN ACCORDANCE WITH ASTM RECOMMENDED PRACTICE D-2921, AASHTO SECTION 30, OR WITH SECTION 550 OF THE GEORGIA DOT STANDARD SPECIFICATIONS. CONSTRUCTION OF ROADS AND BRIDGES.

- GRADING NOTES:**
1. ALL PERFORATED SUBSURFACE DRAIN LINES TO BE FABRIC WRAPPED.
 2. ALL PIPES AND SURFACE AREAS SHALL BE SLOPED TO DRAIN. NO LOW SPOTS ARE PERMITTED.
 3. NO DEBRIS OF ANY TYPE IS TO BE BURIED ON SITE.

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NOTE:
PRIOR TO ANY CONSTRUCTION ACTIVITIES, CONTRACTOR SHALL NOTIFY GWINNETT COUNTY DOT VIA THE SERVICE REQUEST CENTER AT 770-822-7474 TO LOCATE ANY FACILITIES IN THE AREA. CONTRACTOR WILL ASSUME ALL LIABILITY IF DAMAGE SHOULD OCCUR AND BE MONETARILY RESPONSIBLE FOR ANY REQUIRED RELOCATIONS OR MODIFICATIONS.



24 HOUR CONTACT
BILL WEIKEL
CONTACT NUMBER
(678) 576-9845

IF YOU DIG IN GEORGIA
CALL US FIRST
(800) 282-7411
UTILITIES PROTECTION CENTER
IT'S THE LAW

MDA
McFarland-Dyer & Associates, Inc.
474 SHAW PEEK PARKWAY
SUWANEE, GEORGIA 30024
PHONE (770) 932-6500
FAX (770) 932-6508
WWW.GSMDANET

GWINNETT COUNTY
DEPARTMENT OF
COMMUNITY
SERVICES

OWNER:
75 LANGLEY DRIVE
SUWANEE, GEORGIA 30086-6095
770-822-8810 / 770-822-8835

PROJECT:
LAND: 274
DISTRICT: 71H
PARCEL: 023
COUNTY: GWINNETT
STATE: GEORGIA

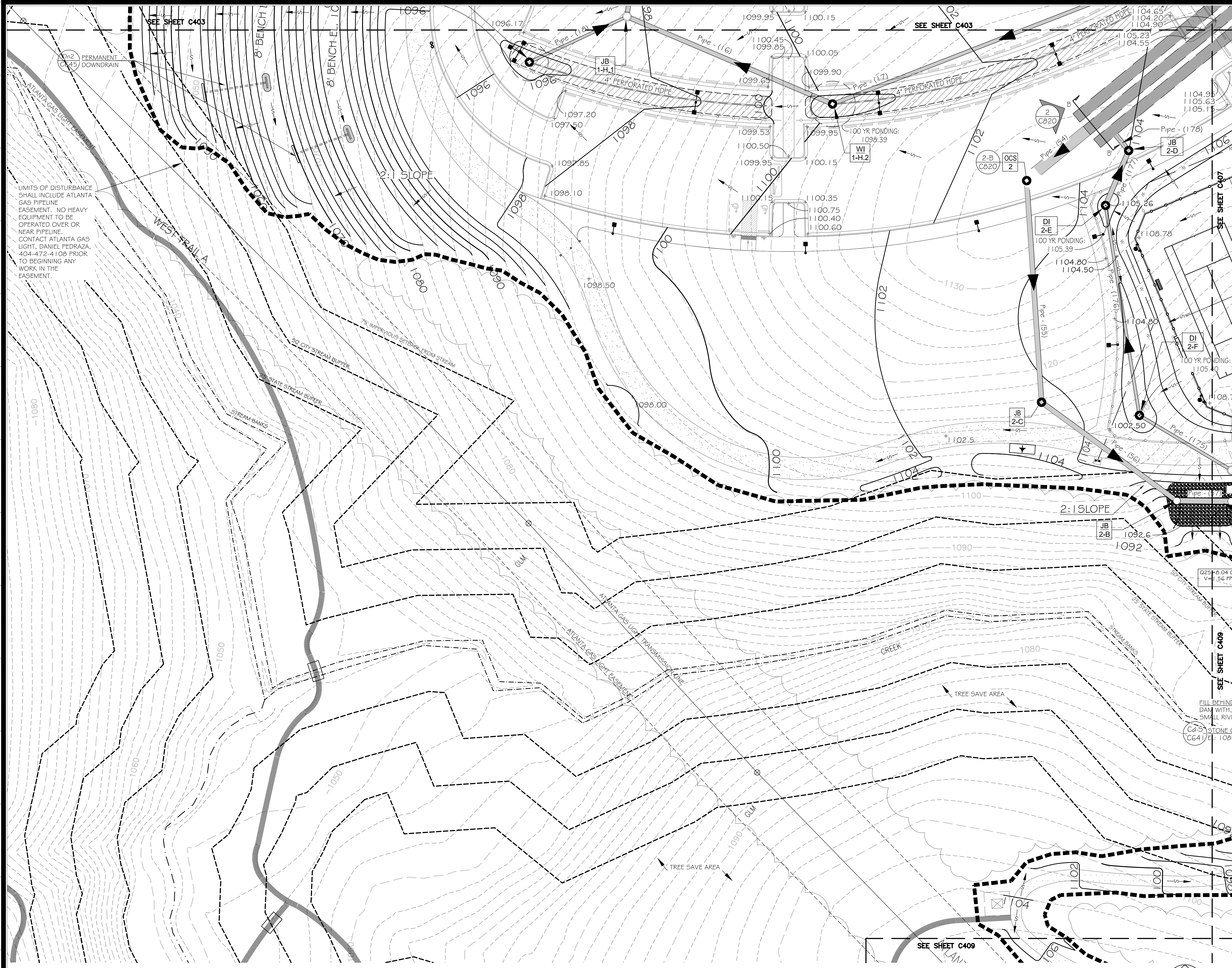
DATE DESCRIPTION
09/20/24 BID DRAWINGS
04/20/24 CONSTRUCTION SET
07/26/24 REV. OLD DRAWINGS

1/3/24 13-040
DRAWN BY: MHB, DHB
CHECKED BY: JJD & KDW

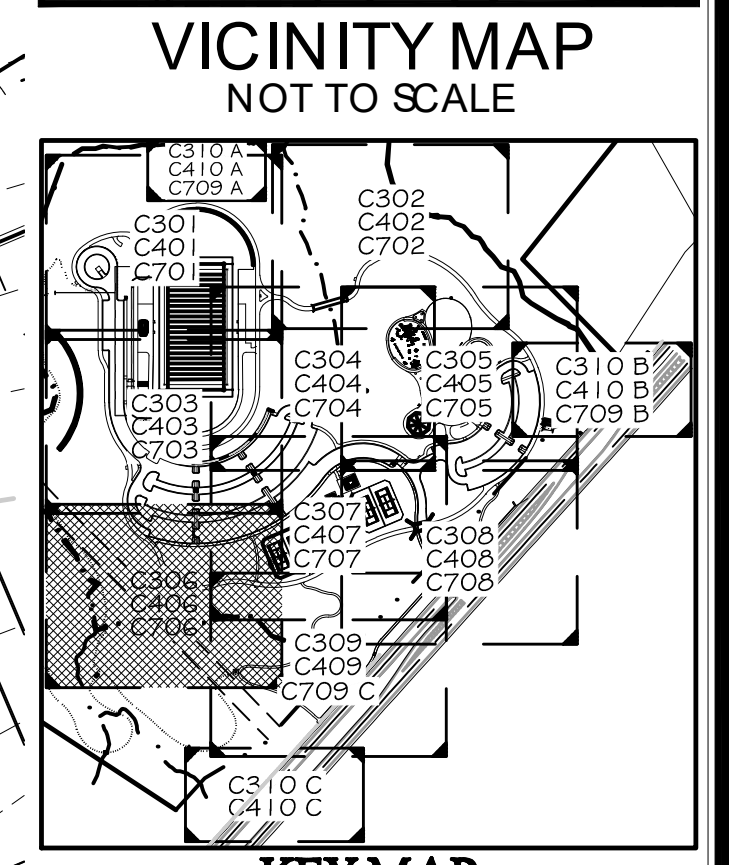
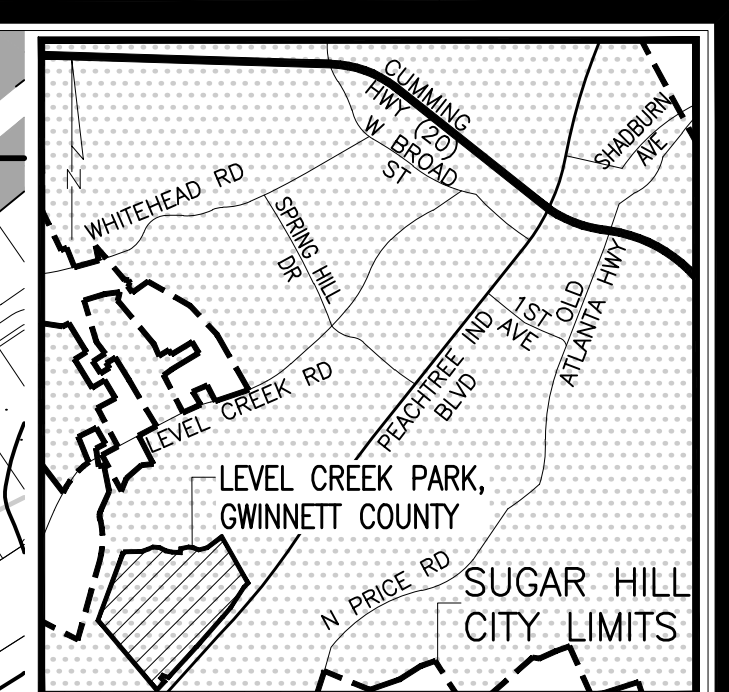
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GRADING AND
DRAINAGE
PLAN
PLAYGROUND
COMPLEX

C405



LIMITS OF DISTURBANCE SHALL INCLUDE ATLANTA GAS PIPELINE EASEMENT. NO HEAVY EQUIPMENT TO BE OPERATED OVER OR NEAR PIPELINE. CONTACT ATLANTA GAS LIGHT, DANIEL PEDRAZA, 404-472-4108 PRIOR TO BEGINNING ANY WORK IN THE EASEMENT.

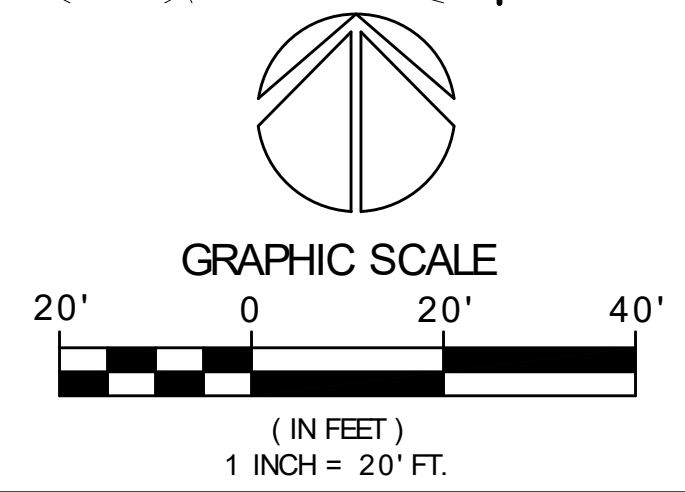


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 - 2.

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24 HOUR CONTACT
BILL WEIKEL
CONTACT NUMBER
(678) 576-9845

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UTILITIES PROTECTION CENTER
IT'S THE LAW

MDA
McFARLAND-DYER & ASSOCIATES, INC.
494 Silver Peak Parkway
Suwanee, Georgia 30024
Phone: (770) 624-6500
Fax: (770) 624-6541
WWW.GOMDANET

GWINNETT COUNTY DEPARTMENT OF COMMUNITY SERVICES

LEVEL CREEK PARK

OWNER:
75 LANGLEY DRIVE
CUMMINGS, GEORGIA 30046-6605
V17708228840 P17033923835

PROJECT:
LAND LOT: 274
DISTRICT: E3
PARCEL: 83
COUNTY: GWINNETT
STATE: GEORGIA

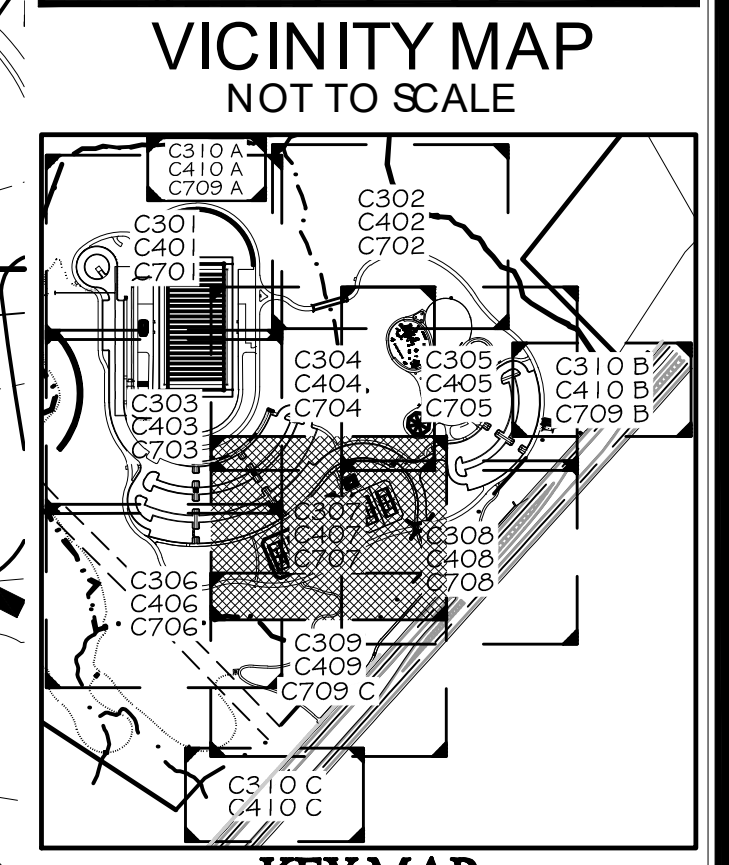
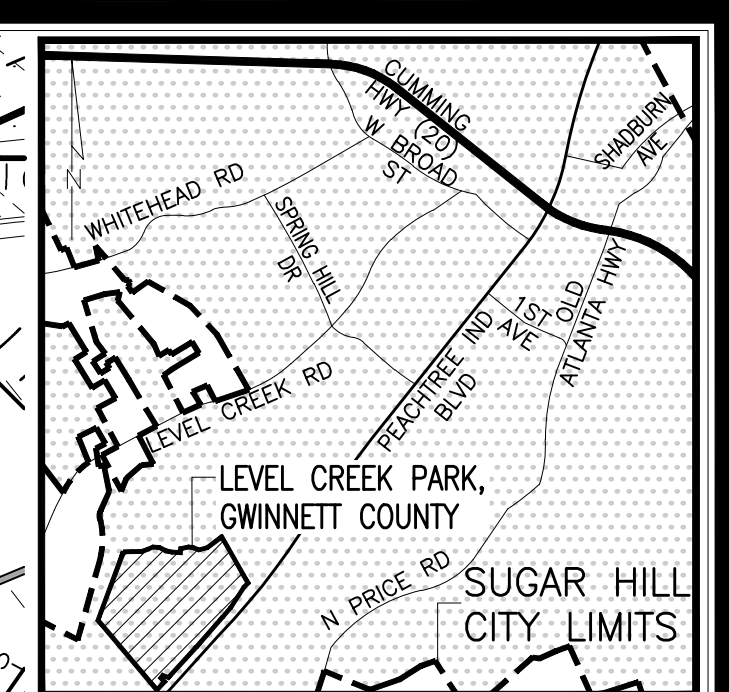
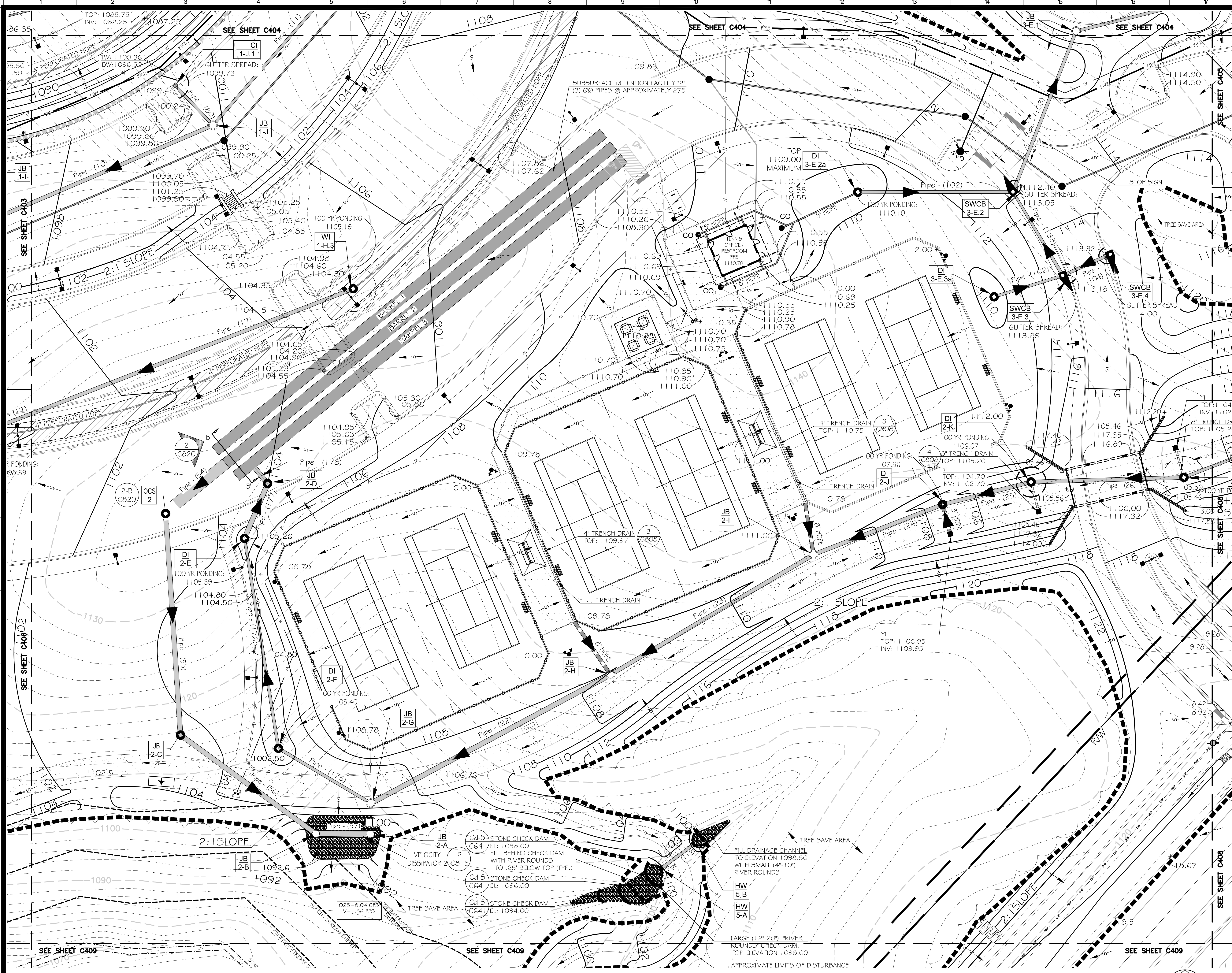
| DATE | DESCRIPTION |
|------------|------------------|
| 09/20/2011 | BID DRAWINGS |
| 09/20/2011 | CONSTRUCTION SET |
| 07/26/2011 | REVISED DRAWINGS |

JOB NO: 9-0401
DRAWN BY: mh.b, DHB
CHECKED BY: JD & KDW

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GRADING AND DRAINAGE PLAN PICNIC AREA

C406

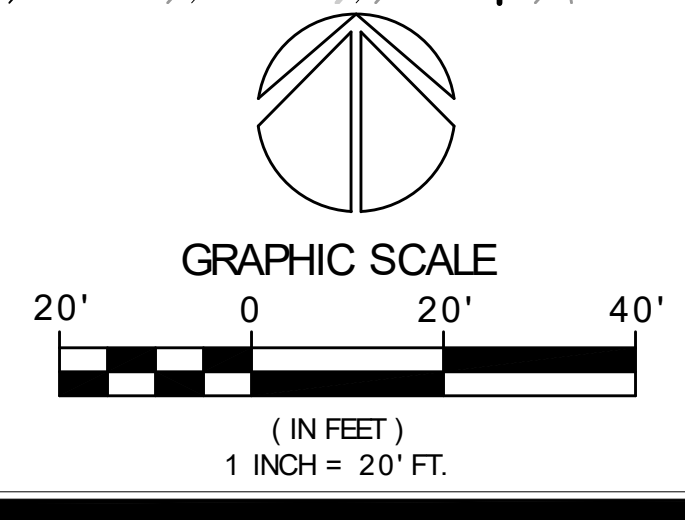


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494 Silver Peak Parkway
Lawrenceville, Georgia 30046
Phone: (770) 824-6500
Fax: (770) 824-6501
WWW.GOMDANET

GWINNETT COUNTY DEPARTMENT OF COMMUNITY SERVICES

LEVEL CREEK PARK

PROJECT:
LAND LOT: 274
DISTRICT: E3
PARCEL: 13
COUNTY: GWINNETT
STATE: GEORGIA

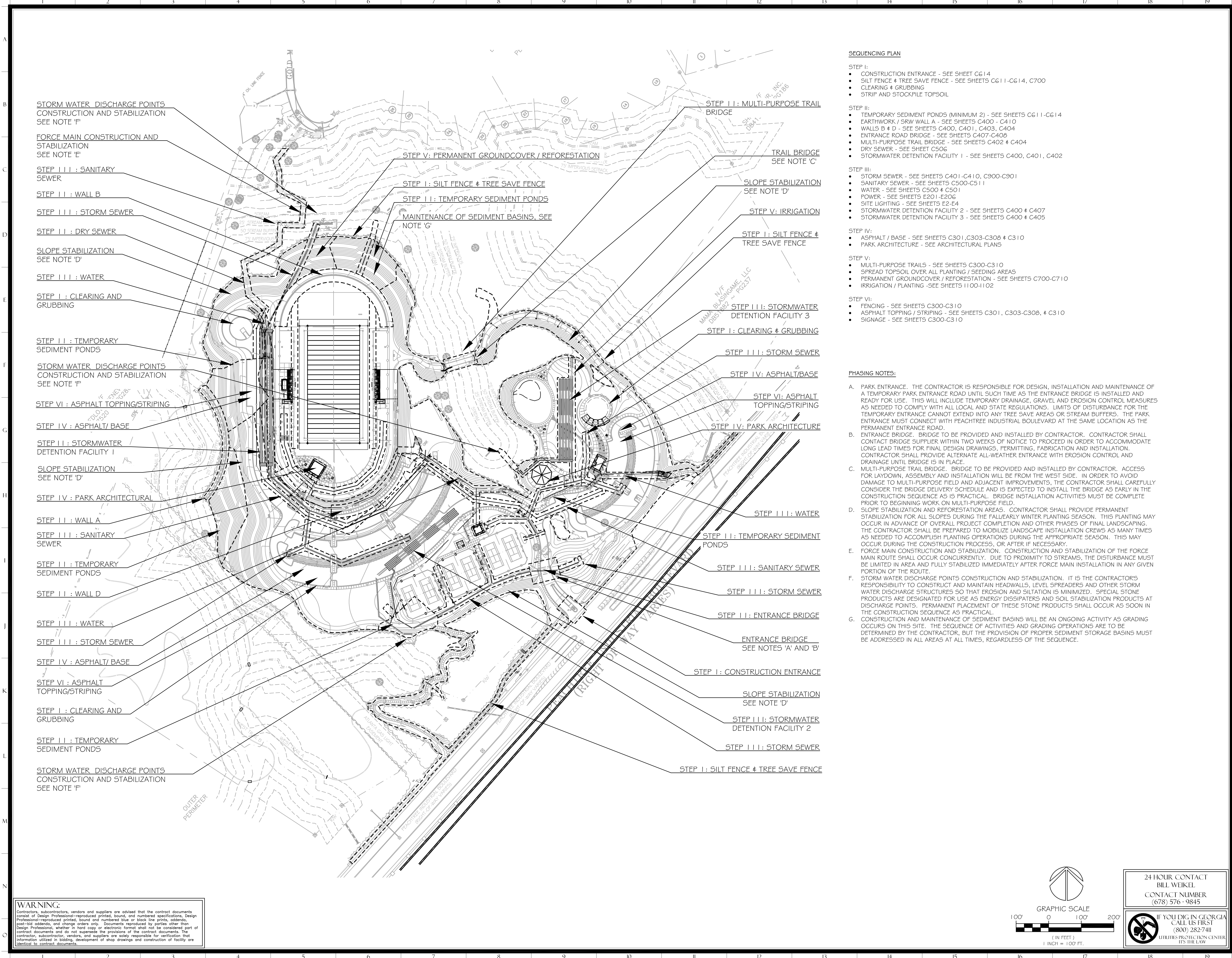
| DATE | DESCRIPTION |
|----------|----------------------|
| 09/20/24 | REVISED BID DRAWINGS |
| 04/24/24 | CONSTRUCTION SET |
| 07/26/23 | REVISED DRAWINGS |

JOB NO: 9-0401
DRAWN BY: mh, DHB
CHECKED BY: JD & KDW

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GRADING AND DRAINAGE PLAN TENNIS COMPLEX

C407



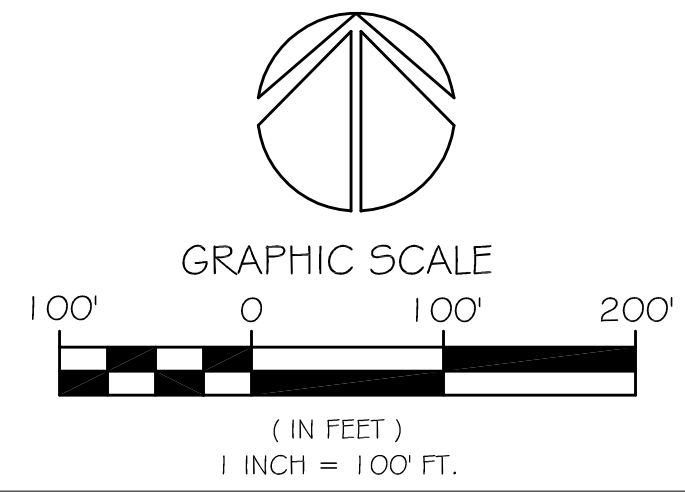
SEQUENCING PLAN

- STEP I:**
- CONSTRUCTION ENTRANCE - SEE SHEET C614
 - SILT FENCE & TREE SAVE FENCE - SEE SHEETS C611-C614, C700
 - CLEARING & GRUBBING
 - STRIP AND STOCKPILE TOPSOIL
- STEP II:**
- TEMPORARY SEDIMENT PONDS (MINIMUM 2) - SEE SHEETS C611-C614
 - EARTHWORK / SRW WALL A - SEE SHEETS C400 - C410
 - WALLS B & D - SEE SHEETS C400, C401, C403, C404
 - ENTRANCE ROAD BRIDGE - SEE SHEETS C407-C408
 - MULTI-PURPOSE TRAIL BRIDGE - SEE SHEETS C402 & C404
 - DRY SEWER - SEE SHEET C506
 - STORMWATER DETENTION FACILITY 1 - SEE SHEETS C400, C401, C402
- STEP III:**
- STORM SEWER - SEE SHEETS C401-C410, C900-C910
 - SANITARY SEWER - SEE SHEETS C500-C511
 - WATER - SEE SHEETS C500 & C501
 - POWER - SEE SHEETS E201-E206
 - SITE LIGHTING - SEE SHEETS E2-E4
 - STORMWATER DETENTION FACILITY 2 - SEE SHEETS C400 & C407
 - STORMWATER DETENTION FACILITY 3 - SEE SHEETS C400 & C405
- STEP IV:**
- ASPHALT / BASE - SEE SHEETS C301, C303-C308 & C310
 - PARK ARCHITECTURE - SEE ARCHITECTURAL PLANS
- STEP V:**
- MULTI-PURPOSE TRAILS - SEE SHEETS C300, C310
 - SPREAD TOPSOIL OVER ALL PLANTING / SEEDING AREAS
 - PERMANENT GROUNDCOVER / REFORESTATION - SEE SHEETS C700-C710
 - IRRIGATION / PLANTING - SEE SHEETS I100-I102
- STEP VI:**
- FENCING - SEE SHEETS C300-C310
 - ASPHALT TOPPING / STRIPING - SEE SHEETS C301, C303-C308, & C310
 - SIGNAGE - SEE SHEETS C300-C310

PHASING NOTES:

- PARK ENTRANCE. THE CONTRACTOR IS RESPONSIBLE FOR DESIGN, INSTALLATION AND MAINTENANCE OF A TEMPORARY PARK ENTRANCE ROAD UNTIL SUCH TIME AS THE ENTRANCE BRIDGE IS INSTALLED AND READY FOR USE. THIS WILL INCLUDE TEMPORARY DRAINAGE, GRAVEL AND EROSION CONTROL MEASURES AS NEEDED TO COMPLY WITH ALL LOCAL AND STATE REGULATIONS. LIMITS OF DISTURBANCE FOR THE TEMPORARY ENTRANCE CANNOT EXTEND INTO ANY TREE SAVE AREAS OR STREAM BUFFERS. THE PARK ENTRANCE MUST CONNECT WITH PEACHTREE INDUSTRIAL BOULEVARD AT THE SAME LOCATION AS THE PERMANENT ENTRANCE ROAD.
- ENTRANCE BRIDGE. BRIDGE TO BE PROVIDED AND INSTALLED BY CONTRACTOR. CONTRACTOR SHALL CONTACT BRIDGE SUPPLIER WITHIN TWO WEEKS OF NOTICE TO PROCEED IN ORDER TO ACCOMMODATE LONG LEAD TIMES FOR FINAL DESIGN DRAWINGS, PERMITTING, FABRICATION AND INSTALLATION. CONTRACTOR SHALL PROVIDE ALTERNATE ALL-WEATHER ENTRANCE WITH EROSION CONTROL AND DRAINAGE UNTIL BRIDGE IS IN PLACE.
- MULTI-PURPOSE TRAIL BRIDGE. BRIDGE TO BE PROVIDED AND INSTALLED BY CONTRACTOR. ACCESS FOR LAYDOWN, ASSEMBLY AND INSTALLATION WILL BE FROM THE WEST SIDE. IN ORDER TO AVOID DAMAGE TO MULTI-PURPOSE FIELD AND ADJACENT IMPROVEMENTS, THE CONTRACTOR SHALL CAREFULLY CONSIDER THE BRIDGE DELIVERY SCHEDULE AND IS EXPECTED TO INSTALL THE BRIDGE AS EARLY IN THE CONSTRUCTION SEQUENCE AS IS PRACTICAL. BRIDGE INSTALLATION ACTIVITIES MUST BE COMPLETE PRIOR TO BEGINNING WORK ON MULTI-PURPOSE FIELD.
- SLOPE STABILIZATION AND REFORESTATION AREAS. CONTRACTOR SHALL PROVIDE PERMANENT STABILIZATION FOR ALL SLOPES DURING THE FALL/EARLY WINTER PLANTING SEASON. THIS PLANTING MAY OCCUR IN ADVANCE OF OVERALL PROJECT COMPLETION AND OTHER PHASES OF FINAL LANDSCAPING. THE CONTRACTOR SHALL BE PREPARED TO MOBILIZE LANDSCAPE INSTALLATION CREWS AS MANY TIMES AS NEEDED TO ACCOMPLISH PLANTING OPERATIONS DURING THE APPROPRIATE SEASON. THIS MAY OCCUR DURING THE CONSTRUCTION PROCESS, OR AFTER IF NECESSARY.
- FORCE MAIN CONSTRUCTION AND STABILIZATION. CONSTRUCTION AND STABILIZATION OF THE FORCE MAIN ROUTE SHALL OCCUR CONCURRENTLY. DUE TO PROXIMITY TO STREAMS, THE DISTURBANCE MUST BE LIMITED IN AREA AND FULLY STABILIZED IMMEDIATELY AFTER FORCE MAIN INSTALLATION IN ANY GIVEN PORTION OF THE ROUTE.
- STORM WATER DISCHARGE POINTS CONSTRUCTION AND STABILIZATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONSTRUCT AND MAINTAIN HEADWALLS, LEVEL SPREADERS AND OTHER STORM WATER DISCHARGE STRUCTURES SO THAT EROSION AND SILTATION IS MINIMIZED. SPECIAL STONE PRODUCTS ARE DESIGNATED FOR USE AS ENERGY DISSIPATORS AND SOIL STABILIZATION PRODUCTS AT DISCHARGE POINTS. PERMANENT PLACEMENT OF THESE STONE PRODUCTS SHALL OCCUR AS SOON IN THE CONSTRUCTION SEQUENCE AS PRACTICAL.
- CONSTRUCTION AND MAINTENANCE OF SEDIMENT BASINS WILL BE AN ONGOING ACTIVITY AS GRADING OCCURS ON THIS SITE. THE SEQUENCE OF ACTIVITIES AND GRADING OPERATIONS ARE TO BE DETERMINED BY THE CONTRACTOR, BUT THE PROVISION OF PROPER SEDIMENT STORAGE BASINS MUST BE ADDRESSED IN ALL AREAS AT ALL TIMES, REGARDLESS OF THE SEQUENCE.

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BILL WEIKEL
CONTACT NUMBER
(678) 576-9845



MDA
McFarland-Dyer & Associates, Inc.
474 SOUTH PINE PARKWAY
SUWANEE, GEORGIA 30024
PHONE: (770) 242-6500
FAX: (770) 242-6501
WWW.GSMDA.NET

OWNER:
GWINNETT COUNTY
DEPARTMENT OF
COMMUNITY
SERVICES
75 LANGLEY DRIVE
SUWANEE, GA 30024
PHONE: (770) 884-8885

PROJECT:
LEVEL CREEK PARK

LAND LOT: 274
SUBTRACT: 7TH
PARCEL: E2
COUNTY: GWINNETT
STATE: GEORGIA

| DATE | DESCRIPTION |
|------------|------------------|
| 09/20/2018 | RD DRAWINGS |
| 04/24/2018 | CONSTRUCTION SET |
| 07/26/2018 | RECORD DRAWINGS |

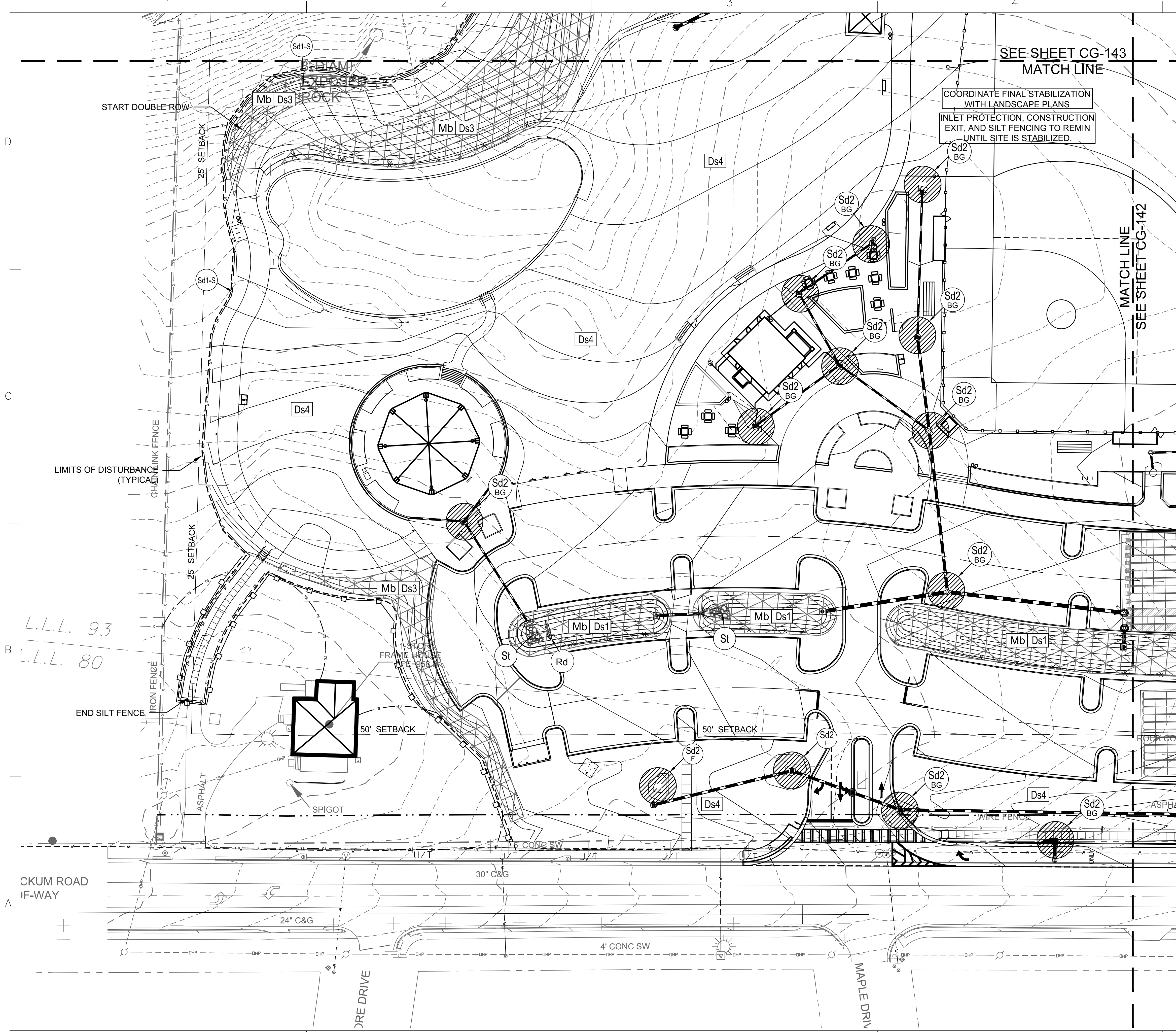
ACB NO: 13-040
DRAWN BY: MHR, DIB
CHECKED BY: JJD & KDW

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PROJECT
SEQUENCING
DIAGRAM

C100

M:\gwinnett_parks\1140167_jbwilliams\park\04.cad_bim\04.02.cad\CG-141.dwg JordanJ 05/21/18 10:29 A



SEE SHEET CG-143
MATCH LINE

COORDINATE FINAL STABILIZATION WITH LANDSCAPE PLANS
INLET PROTECTION, CONSTRUCTION EXIT, AND SILT FENCING TO REMAIN UNTIL SITE IS STABILIZED.

MATCH LINE
SEE SHEET CG-142

SEE C-001 - C-006 FOR ADDITIONAL NOTES, LEGEND, AND ABBREVIATIONS.

THIS SHEET IS PART OF A MULTI-SHEET SET OF CONSTRUCTION PLANS AND SHALL BE READ WITH THE FULL SET TO BEST ENSURE PROPER INTERPRETATION.

NON-EXEMPT ACTIVITIES SHALL NOT BE CONDUCTED WITHIN THE 25- OR 50-FOOT UNDISTURBED STREAM BUFFERS AS MEASURED FROM THE POINT OF WRESTED VEGETATION WITHOUT FIRST ACQUIRING THE NECESSARY VARIANCES AND PERMITS.

THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND DISTURBING ACTIVITIES.

EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.

ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.

EROSION CONTROL LEGEND:

- Co CONSTRUCTION EXIT (DETAIL A1/C-509)
- Ds1 DISTURBED AREA STABILIZATION WITH MULCHING (DETAIL A2/C-509)
- Ds2 DISTURBED AREA STABILIZATION WITH TEMPORARY SEEDING (DETAIL A3/C-509)
- Ds3 DISTURBED AREA STABILIZATION WITH PERMANENT SEEDING. REFER TO LANDSCAPE PLANS FOR PERMANENT VEGETATION (LP-101 - LP-105). ALL DISTURBED AREAS NOT SHOWN ON LANDSCAPE PLANS TO BE STABILIZED PER PERMANENT SEEDING DETAIL A4/C-510.
- Ds4 DISTURBED AREA STABILIZATION WITH SODDING (SEE LANDSCAPE PLAN FOR DESIGN SPECIFICATIONS)
- Du DUST CONTROL (DETAIL C3/C-509)
- Mb EROSION CONTROL MATTING AND BLANKETS (DETAIL C1/C-507)
- Sd1-S SILT FENCING - 30" HEIGHT (DETAIL B1/C-509)
- Di DIVERSION (DETAIL C4/C-508)
- Cd-S STONE CHECK DAM (DETAIL C4/C-507)
- Rd ROCK FILTER DAM (DETAIL A4/C-507)
- Sd2 BG INLET SEDIMENT TRAP - PIGS-IN-A-BLANKET (DETAIL D5/C-507)
- Sd2 F EXCAVATED INLET SEDIMENT TRAP - FABRIC AND SUPPORTING FRAME (DETAIL A3/C-507)
- St STORM DRAIN OUTLET PROTECTION (DETAIL A1/C-507)
- Dn1 TEMPORARY DOWNDRAIN STRUCTURE (DETAIL A1/C-508)

TS TREE PROTECTION FENCE



Gwinnett County Parks & Recreation
75 Langley Drive
Lawrenceville, GA 30045

POND
Architects • Engineers • Planners
3500 Parkway Lane
Suite 600
Norcross, Ga. 30092
Phone 678-336-7740
Fax 678-336-7744
Web www.pondco.com
Project No.: 1140167

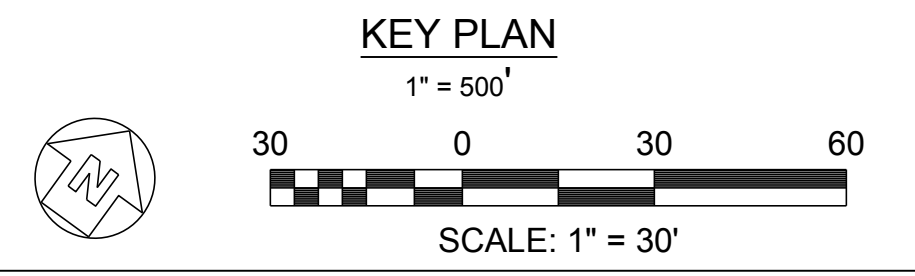
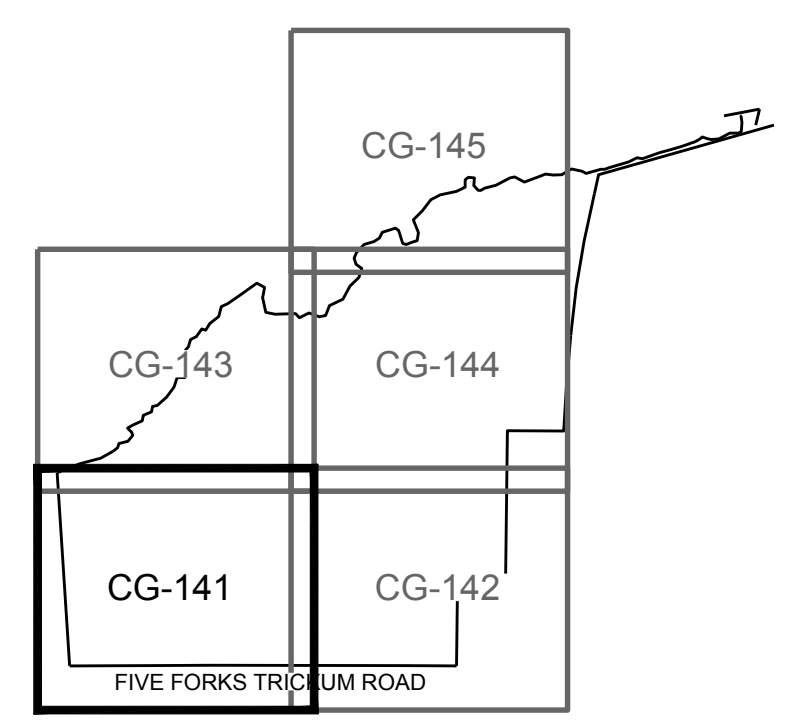
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|------|--|------------|-------|
| | BLDG AND SITE DEVELOP. REVIEW SUBMITTAL | 06/04/2014 | |
| | REVISED PER BLDG AND SITE DEVELOP. COMMENT'S - RESUBMITTAL | 09/22/2014 | |
| | REVISED PER BLDG COMMENTS - RESUBMITTAL | 09/30/2014 | |
| | 100% CD SET ISSUED FOR BID | 10/10/2014 | |

| Designed by: | Rev. | Date: |
|--------------|-----------------|------------------|
| KDH | 01/13/2015 | |
| KDH | Design file no. | |
| KDH | CG-141.dwg | |
| JCS | Drawing code: | |
| | File name: | |
| | Plot date: | 05/21/18 10:29 A |
| | Plot scale: | |

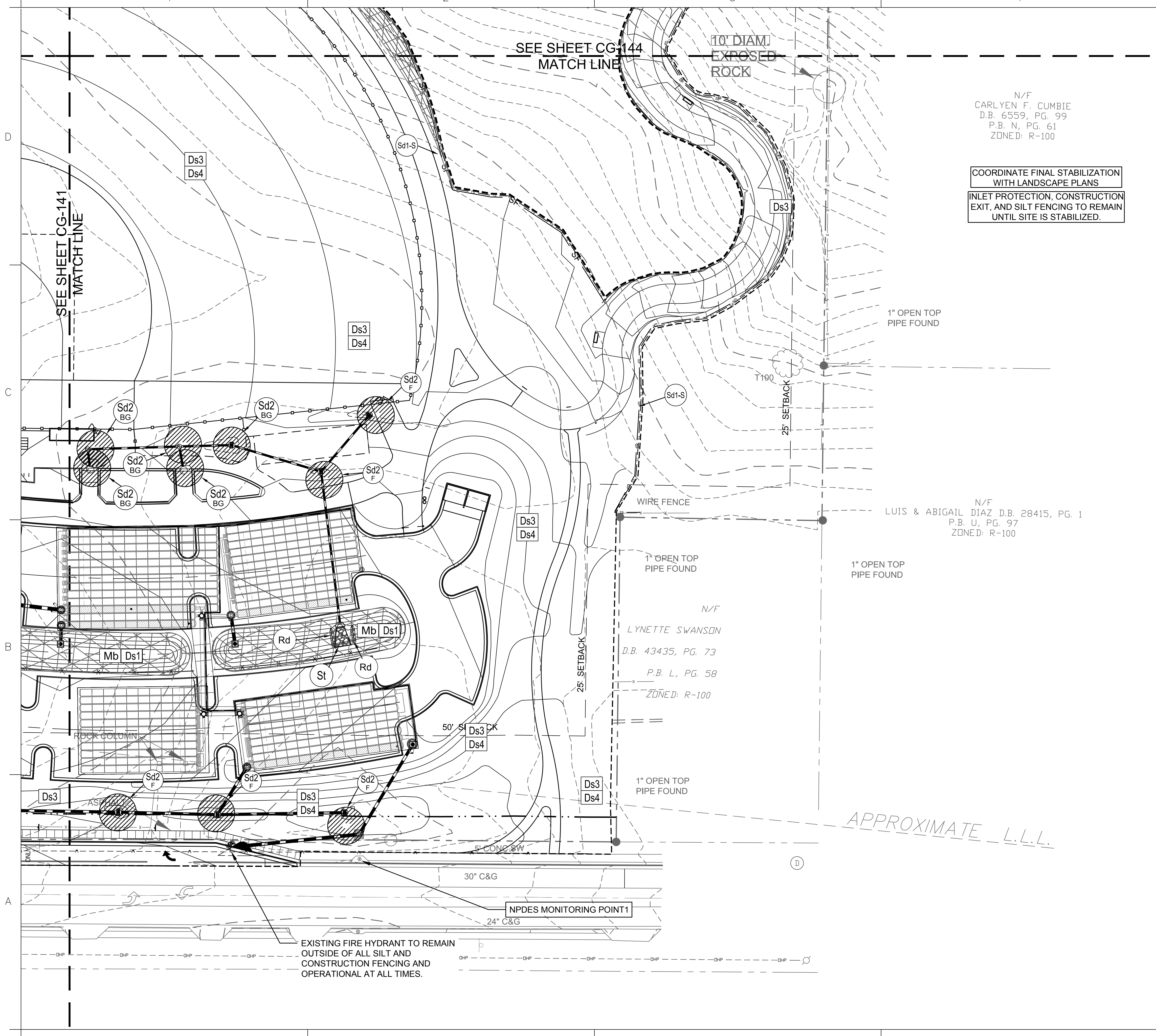
J.B. WILLIAMS PARK
4935 Five Forks-Trickum Road, Lilburn, GA 30047
District/Land Lot/Parcel: 06/080&093/R06093-004

FINAL EROSION AND SEDIMENT CONTROL PLAN

Sheet reference number:
CG-141
FOR CONSTRUCTION



M:\gwinnett_parks\1140167_jbwilliams\park\04.cad_bim\04.02.cad\CG-142.dwg JordanJ 05/21/18 10:30 A



SEE SHEET CG-144
MATCH LINE

10' DIAM
EXPOSED
ROCK

N/F
CARLYEN F. CUMBIE
D.B. 6559, PG. 99
P.B. N, PG. 61
ZONED: R-100

COORDINATE FINAL STABILIZATION
WITH LANDSCAPE PLANS
INLET PROTECTION, CONSTRUCTION
EXIT, AND SILT FENCING TO REMAIN
UNTIL SITE IS STABILIZED.

1" OPEN TOP
PIPE FOUND

N/F
LUIS & ABIGAIL DIAZ D.B. 28415, PG. 1
P.B. U, PG. 97
ZONED: R-100

N/F
LYNETTE SWANSON
D.B. 43435, PG. 73
P.B. L, PG. 58
ZONED: R-100

APPROXIMATE L.L.L.

EXISTING FIRE HYDRANT TO REMAIN
OUTSIDE OF ALL SILT AND
CONSTRUCTION FENCING AND
OPERATIONAL AT ALL TIMES.

SEE C-001 - C-006 FOR ADDITIONAL NOTES, LEGEND, AND ABBREVIATIONS.

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 - Ds1** DISTURBED AREA STABILIZATION WITH MULCHING (DETAIL A2/C-509)
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 - Sd1-S** SILT FENCING - 30" HEIGHT (DETAIL B1/C-509)
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 - Sd2 BG** INLET SEDIMENT TRAP - PIGS-IN-A-BLANKET (DETAIL D5/C-507)
 - Sd2 F** EXCAVATED INLET SEDIMENT TRAP - FABRIC AND SUPPORTING FRAME (DETAIL A3/C-507)
 - St** STORM DRAIN OUTLET PROTECTION (DETAIL A1/C-507)
 - Dn1** TEMPORARY DOWNDRAIN STRUCTURE (DETAIL A1/C-508)
- TS — TREE PROTECTION FENCE



Gwinnett County Parks & Recreation
75 Langley Drive
Lawrenceville, GA 30045

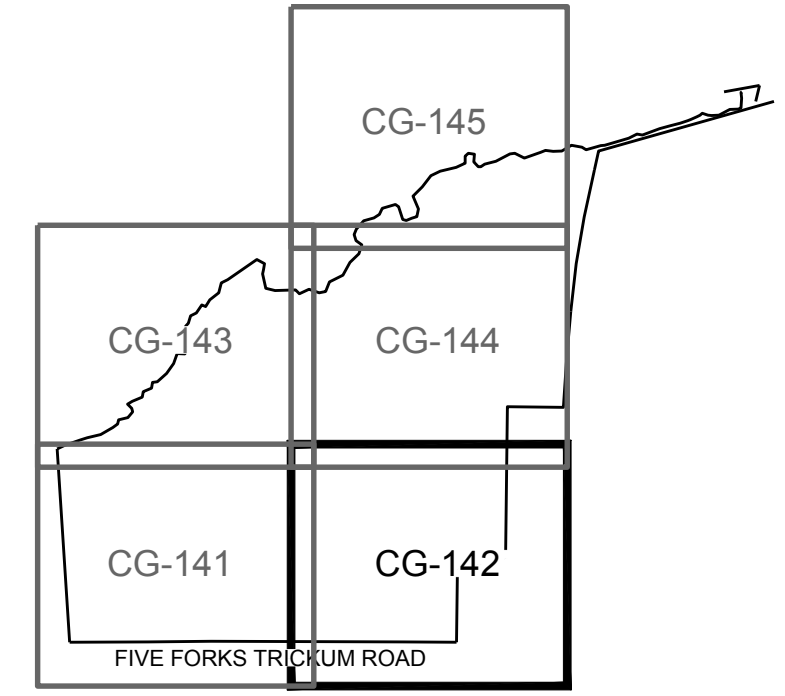
POND
Architects • Engineers • Planners
3500 Parkway Lane
Suite 600
Norcross, Ga. 30092
Phone 678-336-7740
Fax 678-336-7744
Web www.pondco.com
Project No.: 1140167

| BLDG AND SITE DEVELOP. REVIEW SUBMITTAL | 08/04/2014 | Date | Appr. |
|--|------------|------|-------|
| REVIEW PER BLDG AND SITE DEVELOP. COMMENTS-RESUBMITTAL | 09/22/2014 | | |
| REVIEW PER BLDG COMMENTS-RESUBMITTAL | 09/30/2014 | | |
| 100% CD SET ISSUED FOR BID | 10/10/2014 | | |

| Designed by: | Date: | Rev. |
|---------------|-----------------------------|------|
| KDH | 01/13/2015 | |
| Drawn by: | Design file no. | |
| KDH | CG-142.dwg | |
| Reviewed by: | Drawing code: | |
| JCS | | |
| Submitted by: | File name: | |
| | Plot date: 05/21/18 10:30 A | |
| | Plot scale: | |

J.B. WILLIAMS PARK
4935 Five Forks-Trickum Road, Liburn, GA 30047
District/Land Lot/Parcel: 06/080&093/R06093-004
FINAL EROSION AND SEDIMENT CONTROL PLAN

Sheet reference number:
CG-142
FOR CONSTRUCTION



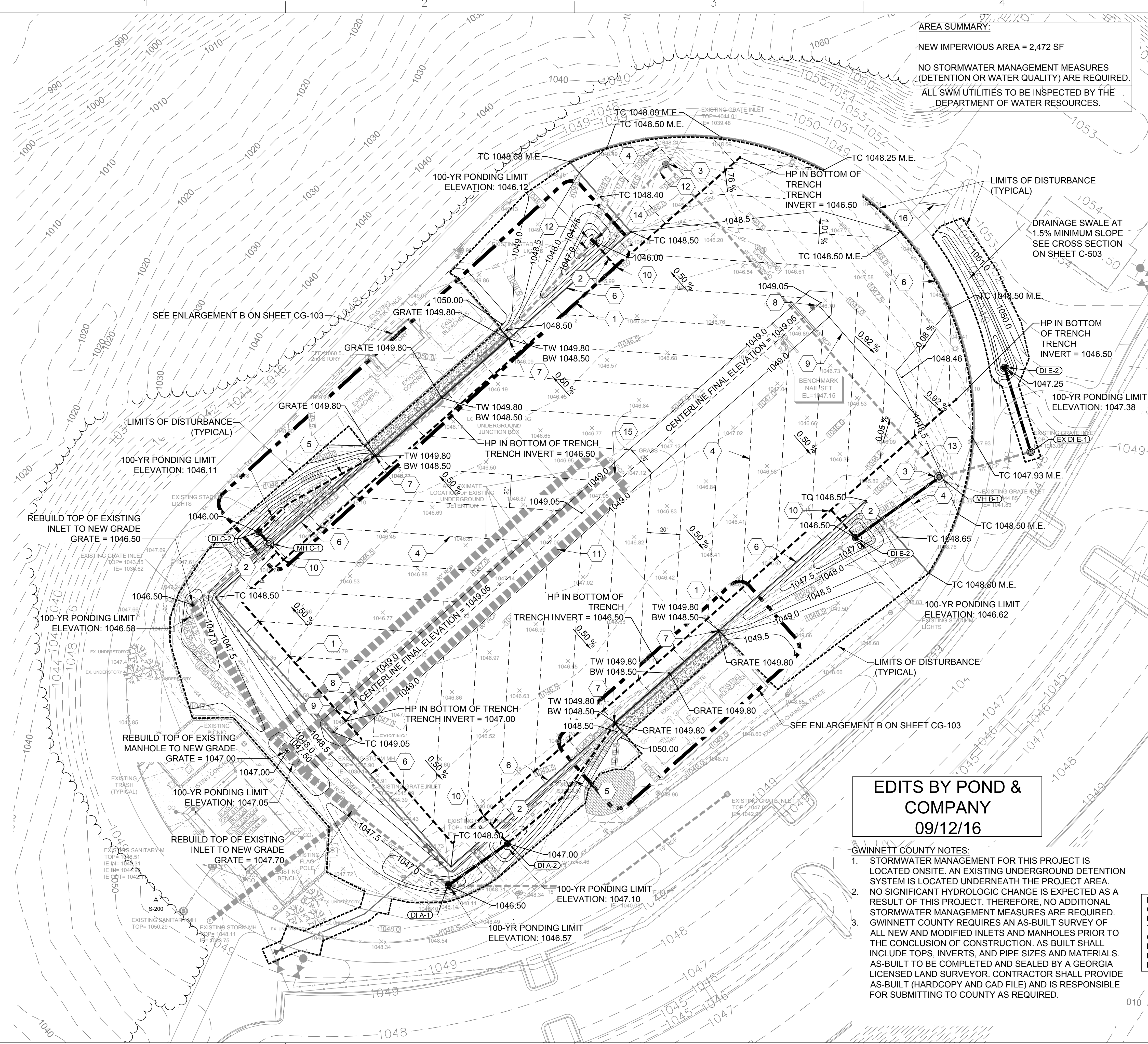
KEY PLAN

1" = 500'



SCALE: 1" = 30'

M:\Gwinnett_Parks\1150055 Ptree Ridge and Bethesda\04.CAD_BIM\04.02.CAD\Tree Ridge\CG-101.dwg torresp 09/13/16 - 9:24 A



AREA SUMMARY:
 NEW IMPERVIOUS AREA = 2,472 SF
 NO STORMWATER MANAGEMENT MEASURES (DETENTION OR WATER QUALITY) ARE REQUIRED.
 ALL SWM UTILITIES TO BE INSPECTED BY THE DEPARTMENT OF WATER RESOURCES.

- GRADING PLAN NOTES:**
- SEE C-001 FOR ADDITIONAL NOTES, LEGEND, AND ABBREVIATIONS.
 - THIS SHEET IS PART OF A MULTI-SHEET SET OF CONSTRUCTION PLANS AND SHALL BE READ WITH THE FULL SET TO BEST ENSURE PROPER INTERPRETATION. SEE SHEET CG-201 FOR STORM SEWER PROFILES.
 - ALL HDPE PIPE (SOLID AND PERFORATED) TO BE DUAL WALL, SMOOTH INTERIOR.
 - CONTRACTOR IS RESPONSIBLE FOR ENSURING BACKFILL AROUND EXISTING AND PROPOSED INLETS MEETS THE REQUIREMENTS OF THE OWNER'S GEOTECHNICAL ENGINEER.
 - CONTRACTOR IS RESPONSIBLE FOR VERIFYING THAT ALL APPLICABLE SAFETY REGULATIONS ARE FOLLOWED WHEN ACCESSING THE EXISTING UNDERGROUND STORM PIPING SYSTEMS. AN OSHA SAFETY PLAN MUST BE COMPLETED AND IMPLEMENTED BY THE CONTRACTOR FOR ALL CONFINED SPACE ENTRY.

- KEYNOTE LEGEND:**
- 12" PERFORATED HDPE @ 0.5% MINIMUM SLOPE IN STONE TRENCH (DETAIL C4/C-502)
 - 12" SOLID HDPE @ 1.0% MINIMUM SLOPE TO TIE INTO EXISTING INLET. NEW INVERT IN = 1044.00
 - CONVERT EXISTING DROP INLET TO MANHOLE (GDOT 1011A). RAISE TOP TO 1048.00 (DETAIL B3/C-502).

- 12" PANEL DRAINS AS SHOWN, SPACED 20' CENTER TO CENTER (DETAIL C2/C-502)
- 8" SOLID HDPE @ 1.0% MINIMUM SLOPE, TO CONNECT TRENCH DRAINS TO INLETS. INVERT IN = 1044.00
- CURBING TO MATCH ELEVATION OF GRADE OUTSIDE OF NEW FIELD, TYPICAL.
- END FLUSH CURBING, START ELEVATED WALL. SEE CS-101 AND CG-102.

- GOAL MOUNTING BOX, SEE SITE PLAN. INVERT OF BOX TO BE AT APPROXIMATE ELEVATION OF 1048.25. CONTRACTOR TO COORDINATE FINAL MOUNTING ELEVATIONS WITH TURF INSTALLER TO ENSURE THAT MOUNTING ALLOWS FOR THE PROPER FUNCTION OF ALL FEATURES.
- 1" PVC DRAIN PIPE FROM GOAL MOUNTING BOX TO TRENCH @ 0.5% SLOPE, MINIMUM. END WITHIN 2" OF PERFORATED PIPE
- CONNECT SUBDRAINAGE TO NEW TEE. (DETAIL A4/C-502)

- LIFT HOLES IN EXISTING 60" RCP PIPE TO BE REPAIRED-- SEE GEOTECHNICAL REPORT. CLEAN HOLE AND APPLY BONDING AGENT. NEATLY PATCH HOLES WITH NON-SHRINK GROUT AND CURING COMPOUND.
- APPROXIMATE LOCATION OF HOLE IN EXISTING 15" RCP PIPE TO BE REPAIRED-- SEE GEOTECHNICAL REPORT. CLEAN HOLE AND APPLY BONDING AGENT. NEATLY PATCH HOLES WITH NON-SHRINK GROUT AND CURING COMPOUND.
- APPROXIMATE LOCATION OF DISPLACED JOINT IN IN EXISTING 15" RCP PIPE TO BE REPAIRED-- SEE GEOTECHNICAL REPORT. REMOVE AND RESET PIPING WITH NEW RUBBER GASKET AT DISPLACED JOINT

- NEW DROP INLET ON EXISTING STORM LINE
 GRATE = 1046.00
 INVERT IN 1044.00 (12" UNDERDRAIN)
 APPROXIMATE INVERT = 1039.05
- APPROXIMATE LOCATION OF EXISTING BURIED JUNCTION BOX. CONTRACTOR TO LOCATE AND REBUILD IN ACCORDANCE WITH DETAIL B3/C-501, INCLUDING BLUE MARKER IN TURF.

- NEW ASPHALT SPEED BUMP (ROUNDED 2.5" HIGH, 12" WIDE). SET AT 30° ANGLE TO GUIDE STORMWATER INTO NEW SWALE.

NOTE:
0.5' (6 INCH) CONTOUR INTERVAL SHOWN.

FINISHED ELEVATIONS OF SYNTHETIC FIELD TO MATCH TOP OF CURB (TC) ELEVATION, TYPICAL.
 ELEVATIONS SHOWN WITHIN THE FIELD AREA REPRESENT THE TOP OF THE SYNTHETIC GRASS.

NOTE:
CONTRACTOR RESPONSIBLE FOR PREPARING SUBGRADE AND OBTAINING REQUIRED COMPACTION. ALL AREAS TO RECEIVE ARTIFICIAL TURF AREA TO BE PROOF-ROLLED PER THE SPECIFICATIONS IN THE PRESENCE OF THE GEOTECHNICAL ENGINEER. NO ADDITIONAL PAYMENT WILL BE MADE FOR REMOVING EXISTING BASE MATERIALS. ADDITIONALLY, NO ADDITIONAL PAYMENT WILL BE MADE FOR FURNISHING OR PLACING ADDITIONAL FILL TO LEVEL SUBGRADE GRAVEL IF EXISTING BASE MATERIALS ARE REMOVED.

EDITS BY POND & COMPANY
 09/12/16

- GWINNETT COUNTY NOTES:**
- STORMWATER MANAGEMENT FOR THIS PROJECT IS LOCATED ON-SITE. AN EXISTING UNDERGROUND DETENTION SYSTEM IS LOCATED UNDERNEATH THE PROJECT AREA. NO SIGNIFICANT HYDROLOGIC CHANGE IS EXPECTED AS A RESULT OF THIS PROJECT. THEREFORE, NO ADDITIONAL STORMWATER MANAGEMENT MEASURES ARE REQUIRED. GWINNETT COUNTY REQUIRES AN AS-BUILT SURVEY OF ALL NEW AND MODIFIED INLETS AND MANHOLES PRIOR TO THE CONCLUSION OF CONSTRUCTION. AS-BUILT SHALL INCLUDE TOPS, INVERTS, AND PIPE SIZES AND MATERIALS. AS-BUILT TO BE COMPLETED AND SEALED BY A GEORGIA LICENSED LAND SURVEYOR. CONTRACTOR SHALL PROVIDE AS-BUILT (HARDCOPY AND CAD FILE) AND IS RESPONSIBLE FOR SUBMITTING TO COUNTY AS REQUIRED.



Gwinnett County Parks & Recreation
 75 Langley Drive
 Lawrenceville, GA 30045

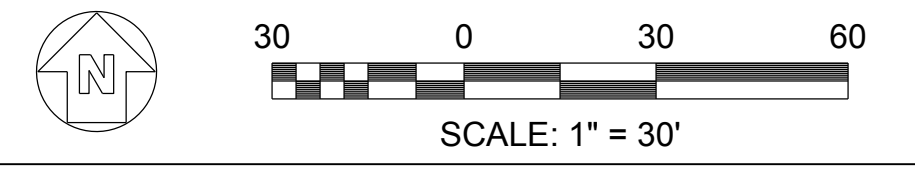
POND
 Architects + Engineers + Planners
 3500 Parkway Lane
 Suite 600
 Norcross, Ga. 30092
 Phone 678-336-7740
 Fax 678-336-7744
 Web www.pondco.com

| Mark | Description | Date | Appr. |
|------|---------------------------------------|----------|-------|
| 0 | CONFORMED SET ISSUED FOR CONSTRUCTION | 11/20/16 | |

| Rev. | Date | By | Check | Appr. |
|------|------------|-----|-------|-------|
| 01 | 04/21/2015 | KDH | KGU | |

Peachtree Ridge Park
 3200 Suwanee Creek Road Suwanee, GA 30024
 Tax Map ID (Parcel Number): 7166 058
 District/Land/Parcel#: 7-166-058

Sheet reference number:
CG-101

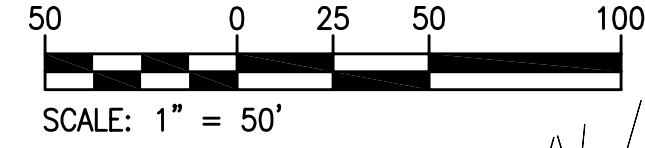


CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL GOVERNMENT AND AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL GOVERNMENT AND AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL GOVERNMENT AND AGENCIES.

NOTES:
 1. UPON STABILIZATION OF ASSOCIATED DRAINAGE AREAS, INLET PROTECTION FOR INLETS IN TURFED AREAS MAY BE REMOVED. INLET PROTECTION IN PAVED AREAS MAY BE REMOVED TO COMPLETE PAVING.
 2. UPON STABILIZATION OF ASSOCIATED DRAINAGE AREAS, SEDIMENT BASINS SHALL BE REMOVED AND RESTORED TO ORIGINAL CONDITION WITH ESTABLISHMENT OF PERMANENT VEGETATION AS SOON AS POSSIBLE. ANY ROUGH GRADING, STORM DRAINAGE INSTALLATION, TRAIL ESTABLISHMENT, FINE GRADING OR OTHER WORK CALLED FOR WITHIN THE FOOTPRINT OF A SEDIMENT BASIN SHALL NOT COMMENCE UNTIL THE AREA DRAINING TO THE SEDIMENT BASIN IS STABILIZED. ALL SILT FENCE INSTALLED IN SEDIMENT BASIN AREAS SHALL REMAIN IN PLACE AND BE MAINTAINED UNTIL THE SEDIMENT BASIN AREA IS STABILIZED.
 3. OTHER PERIMETER SILT FENCES SHALL REMAIN IN PLACE UNTIL THE ENTIRE SITE IS STABILIZED.

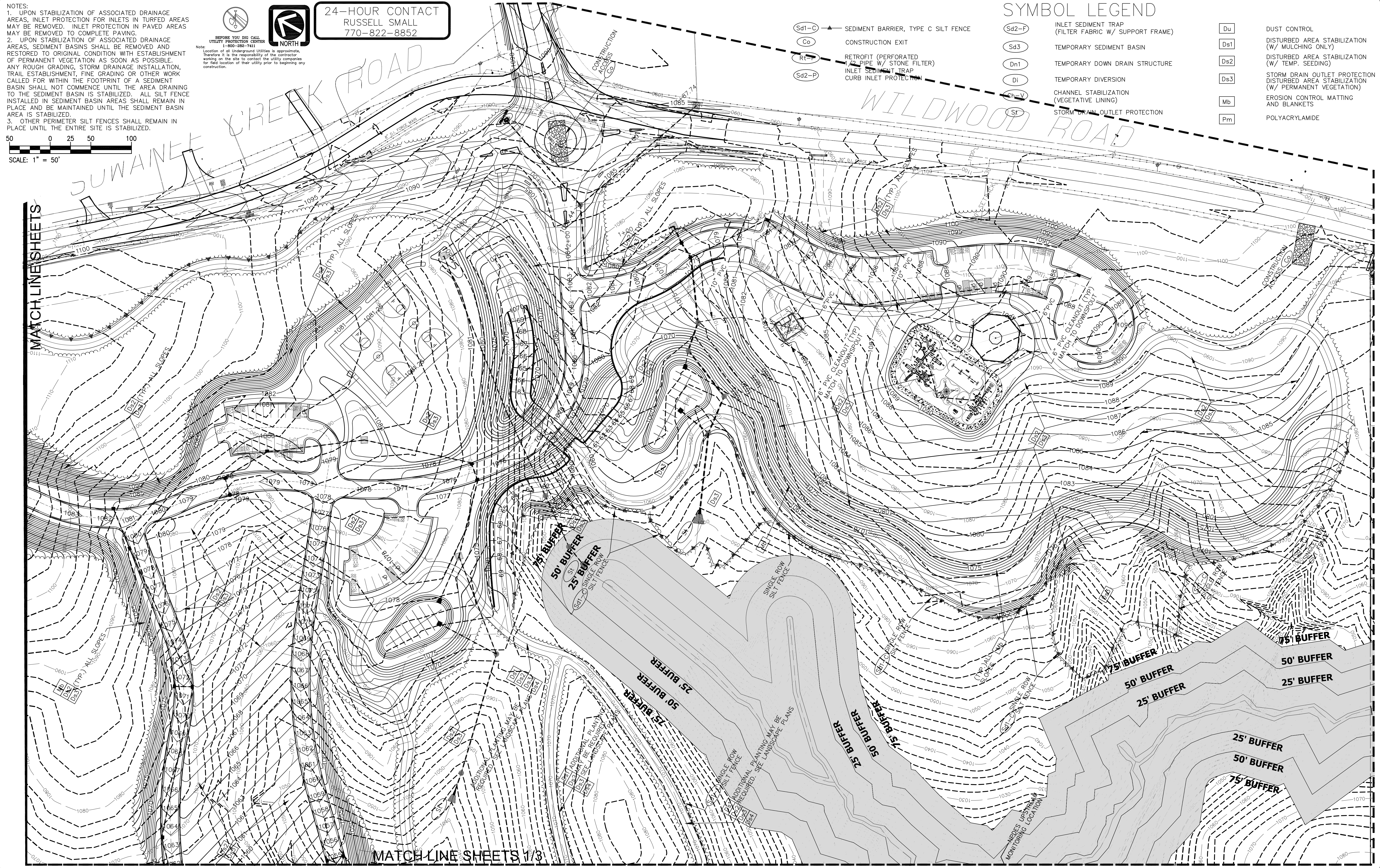
BEFORE YOU DIG CALL
 UTILITY PROTECTION CENTER
 1-800-282-7411
 Note: Location of all underground utilities is approximate. Therefore it is the responsibility of the contractor working on the site to contact the utility companies for field location of their utility prior to beginning any construction.

24-HOUR CONTACT
RUSSELL SMALL
770-822-8852



| SYMBOL LEGEND | |
|---------------|--|
| | SEDIMENT BARRIER, TYPE C SILT FENCE |
| | CONSTRUCTION EXIT |
| | RETROFIT (PERFORATED 1/2" PIPE W/ STONE FILTER) |
| | INLET SEDIMENT TRAP CURB INLET PROTECTION |
| | INLET SEDIMENT TRAP (FILTER FABRIC W/ SUPPORT FRAME) |
| | TEMPORARY SEDIMENT BASIN |
| | TEMPORARY DOWN DRAIN STRUCTURE |
| | TEMPORARY DIVERSION |
| | CHANNEL STABILIZATION (VEGETATIVE LINING) |
| | STORM DRAIN OUTLET PROTECTION |
| | DUST CONTROL |
| | DISTURBED AREA STABILIZATION (W/ MULCHING ONLY) |
| | DISTURBED AREA STABILIZATION (W/ TEMP. SEEDING) |
| | STORM DRAIN OUTLET PROTECTION DISTURBED AREA STABILIZATION (W/ PERMANENT VEGETATION) |
| | EROSION CONTROL MATTING AND BLANKETS |
| | POLYACRYLAMIDE |

MATCH LINE SHEETS



| REV. NO. | DESCRIPTION | DATE |
|----------|-------------|------|
| | | |
| | | |

PROJECT MANAGER
 EOC
DRAWN BY
 CDO
APPROVED BY
 WJW
FILE NAME
 GRD&RNG

WK DICKSON
 community infrastructure consultants

2120 POWERS FERRY RD. SUITE 100
 ATLANTA, GA 30339
 (770) 955-5574
 Office Locations:
 North Carolina
 South Carolina
 Georgia
 Florida

| RELEASED FOR | DATE |
|--------------|------|
| APPROVALS | |
| BIDDING | |
| CONSTRUCTION | |
| RECORD DWG. | |

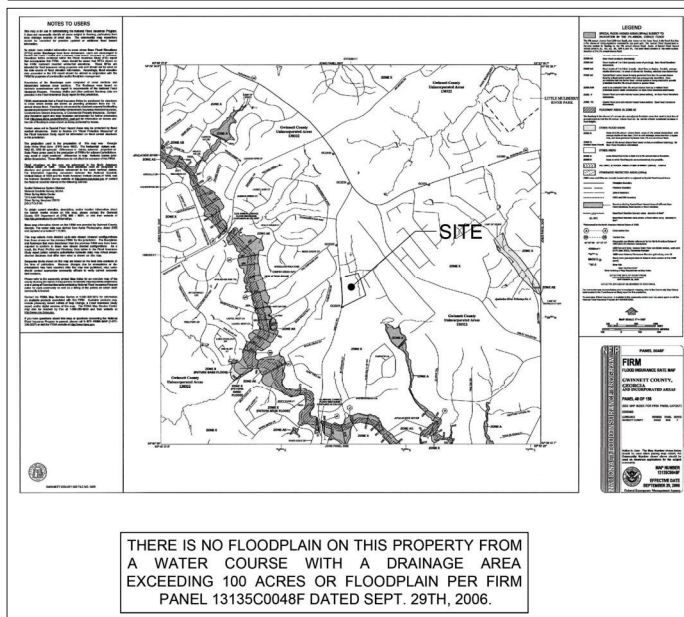
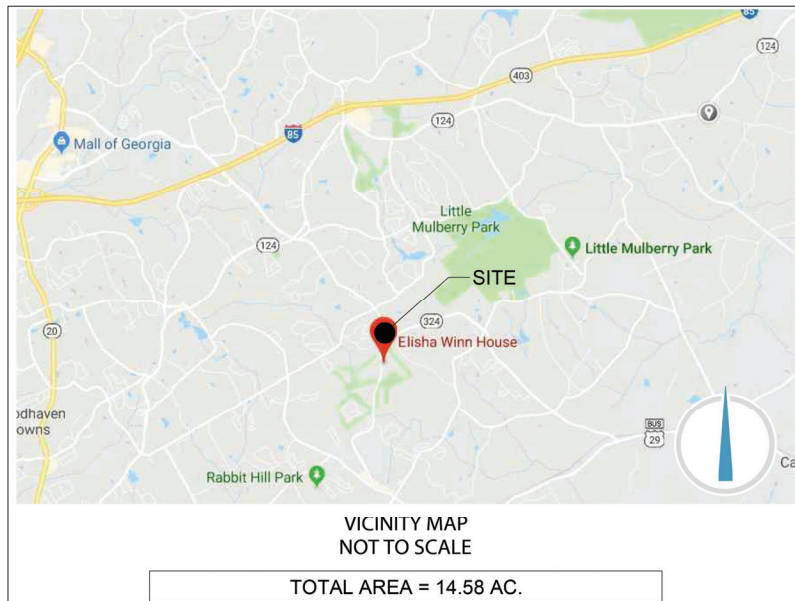
PEACHTREE RIDGE PARK
 FOR
GUINNETT COUNTY PARKS AND RECREATION
 LAWRENCEVILLE, GEORGIA

PHASE 3
EROSION CONTROL PLAN
FINISHED GRADE

ERO
 3-3

MULTIPLEX, LLC. ELISHA WINN HOUSE AS-BUILT STORMWATER BMP

GWINNETT COUNTY PROJECT NUMBER(S) CDP 2019-0035 ABLT 2022-00126



MATERIALS LIST

- 207.09 LF - 15" HDPE
- 44.51 LF - 15" CMP
- 103.88 LF - 18" CMP
- 17.80 LF - 18" RCP
- 63.21 LF - 18" HDPE
- 24.55 LF - 24" RCP
- 11.35 LF - 60" CMP

PIPE CONTRACTOR: MULTIPLEX LLC
ADDRESS: 3505 KOGER BLVD SUITE 210, DULUTH, GA 30096
PHONE: 678-317-2040

SURVEYING FIRM: GRANT SHEPHERD & ASSOCIATES INC
ADDRESS: 735 LONGLEAF BLVD, LAWRENCEVILLE GA 30046
PHONE: 770-418-9823

| No. # | DATE / BY | DESCRIPTION |
|-------|------------|-------------------|
| 1 | 02/10/2022 | INITIAL SUBMITTAL |
| 2 | 07/19/2022 | COUNTY COMMENTS |
| | | |
| | | |
| | | |

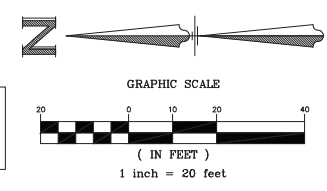
INDEX

1. COVER PAGE
2. GRADING
3. STORM PROFILES
4. STORM DETAILS

Utility Notes

1. THE UTILITIES SHOWN HEREIN ARE BASED ON (VISIBLE OBSERVATIONS)
2. THE SURVEYOR DOES NOT WARRANT, GUARANTEE OR CERTIFY THAT THE UNDERGROUND OR ABOVE GROUND UTILITIES SHOWN COMPRISE ALL UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. UNDERGROUND UTILITIES OBSERVED OR LOCATED MAY EXIST ON THIS SITE THAT ARE NOT SHOWN OR DEPICTED, AND MAY BE FOUND UPON FURTHER EXAMINATION OR EXCAVATION. FURTHERMORE, THE SURVEYOR DOES NOT WARRANT, GUARANTEE OR CERTIFY THAT THE UNDERGROUND UTILITIES SHOWN OR DEPICTED ARE IN THE EXACT LOCATION AS INDICATED HOWEVER THE SURVEYOR DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE AND TO THE BEST OF THE SURVEYORS ABILITY.
3. AT VARIOUS SANITARY OR STORM SEWER STRUCTURES SHOWN HEREIN, THERE MAY BE ADDITIONAL LINES (PUBLIC OR PRIVATE) ENTERING OR EXISTING THE STRUCTURE THAT MAY NOT BE IDENTIFIED.

OWNER/DEVELOPER
MULTIPLEX, LLC
3505, STE 210
DULUTH, GA 30096 US
678-908-7727



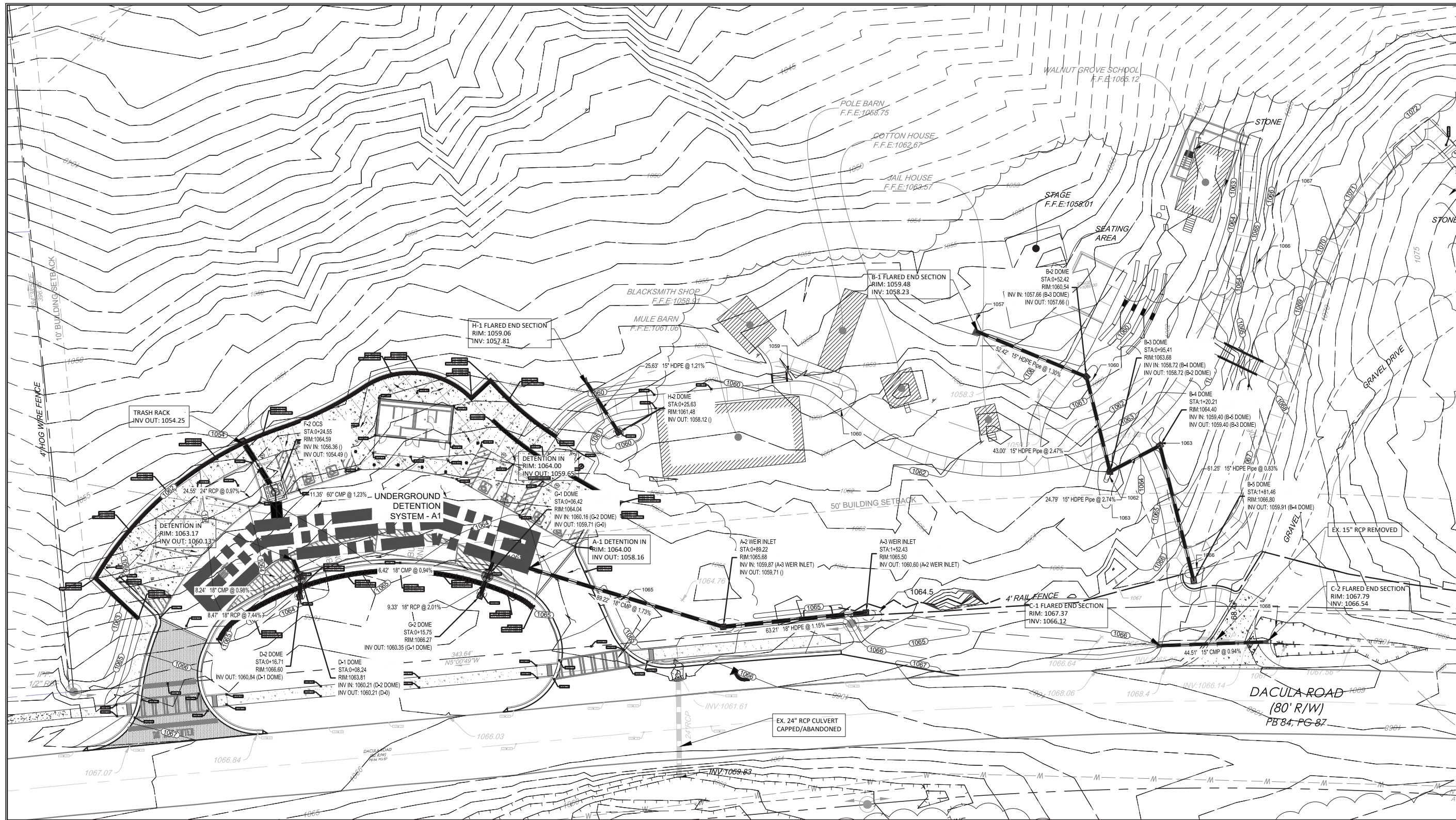
BASIS OF HORIZONTAL DATUM
GEORGIA STATE PLANES -
WEST ZONE (NAD83)



GRANT SHEPHERD & ASSOCIATES, INC.
 Construction Layout • GPS Modeling
 Land Surveying • Site Development
 735 LONGLEAF BOULEVARD, SUITE A LAWRENCEVILLE, GA 30046
 PHONE: 770.418.9823 FAX: 770.418.9289
 www.grasurveying.com
 COA/LSF 000459

Stormwater BMP As-Built Survey For: Multiplex, LLC
Elisha Winn House
Site Address: 908 Dacula Road
 City of Dacula, Gwinnett County, Georgia

Sheet / Drawing Scale
 1" = 20'
 Unless Otherwise Noted
 GSA Project No.
 21-07-0640
 Drawn By / Field Crew
 Crew No. 1
 WD 9/16/2021
 Sheet No. 01 OF 04



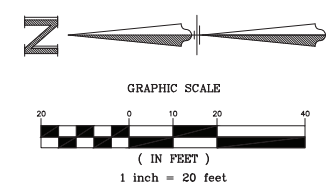
DATE OF PRINT/PDF: 07/06/2022

| No. # | DATE / BY | DESCRIPTION |
|-------|------------|-------------------|
| 1 | 2/10/2022 | INITIAL SUBMITTAL |
| 2 | 07/06/2022 | COUNTY COMMENTS |

WINNETT COUNTY PROJECT NUMBER(S):
 CDP 2019-00035
 ABLT 2022-00126



BASIS OF HORIZONTAL DATUM
 GEORGIA STATE PLANES -
 WEST ZONE (NAD83)



Utility Notes

1. THE UTILITIES SHOWN HEREIN ARE BASED ON (VISIBLE OBSERVATIONS)
2. THE SURVEYOR DOES NOT WARRANT, GUARANTEE OR CERTIFY THAT THE UNDERGROUND OR ABOVE GROUND UTILITIES SHOWN COMPRISE ALL UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. UNDERGROUND UTILITIES OBSERVED OR LOCATED MAY EXIST ON THIS SITE THAT ARE NOT SHOWN OR DEPICTED, AND MAY BE FOUND UPON FURTHER EXAMINATION OR EXCAVATION. FURTHERMORE, THE SURVEYOR DOES NOT WARRANT, GUARANTEE OR CERTIFY THAT THE UNDERGROUND UTILITIES SHOWN OR DEPICTED ARE IN THE EXACT LOCATION AS INDICATED HOWEVER THE SURVEYOR DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE AND TO THE BEST OF THE SURVEYORS ABILITY.
3. AT VARIOUS SANITARY OR STORM SEWER STRUCTURES SHOWN HEREIN, THERE MAY BE ADDITIONAL LINES (PUBLIC OR PRIVATE) ENTERING OR EXISTING THE STRUCTURE THAT MAY NOT BE IDENTIFIED.

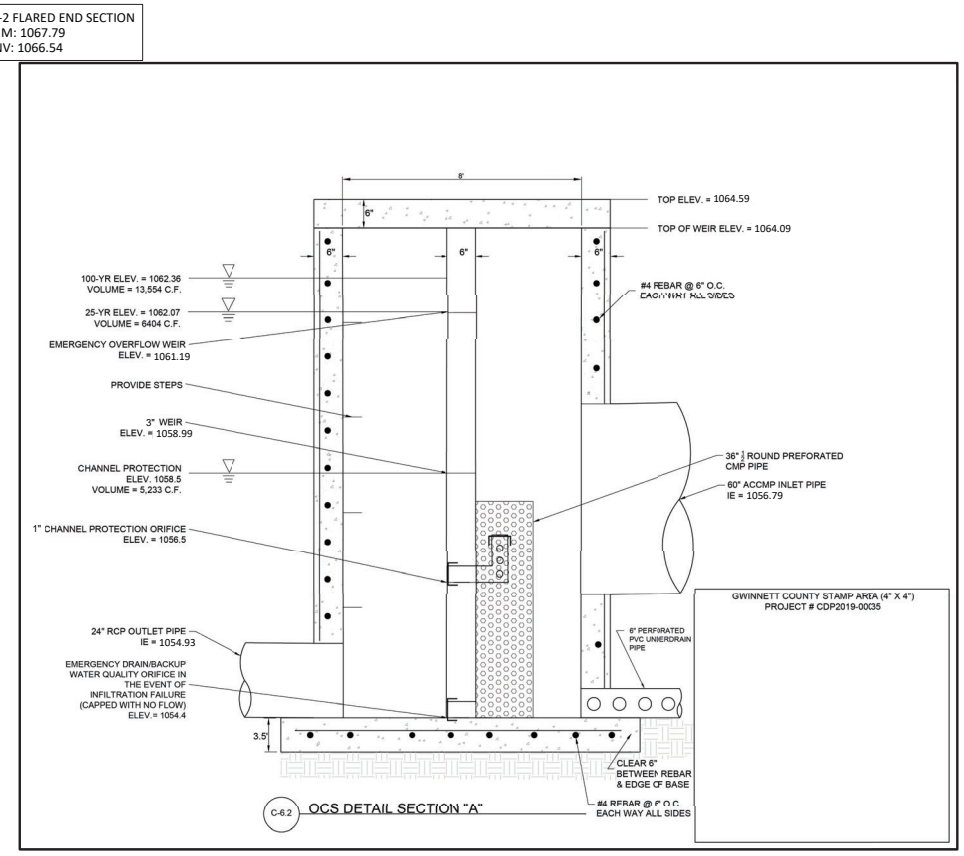
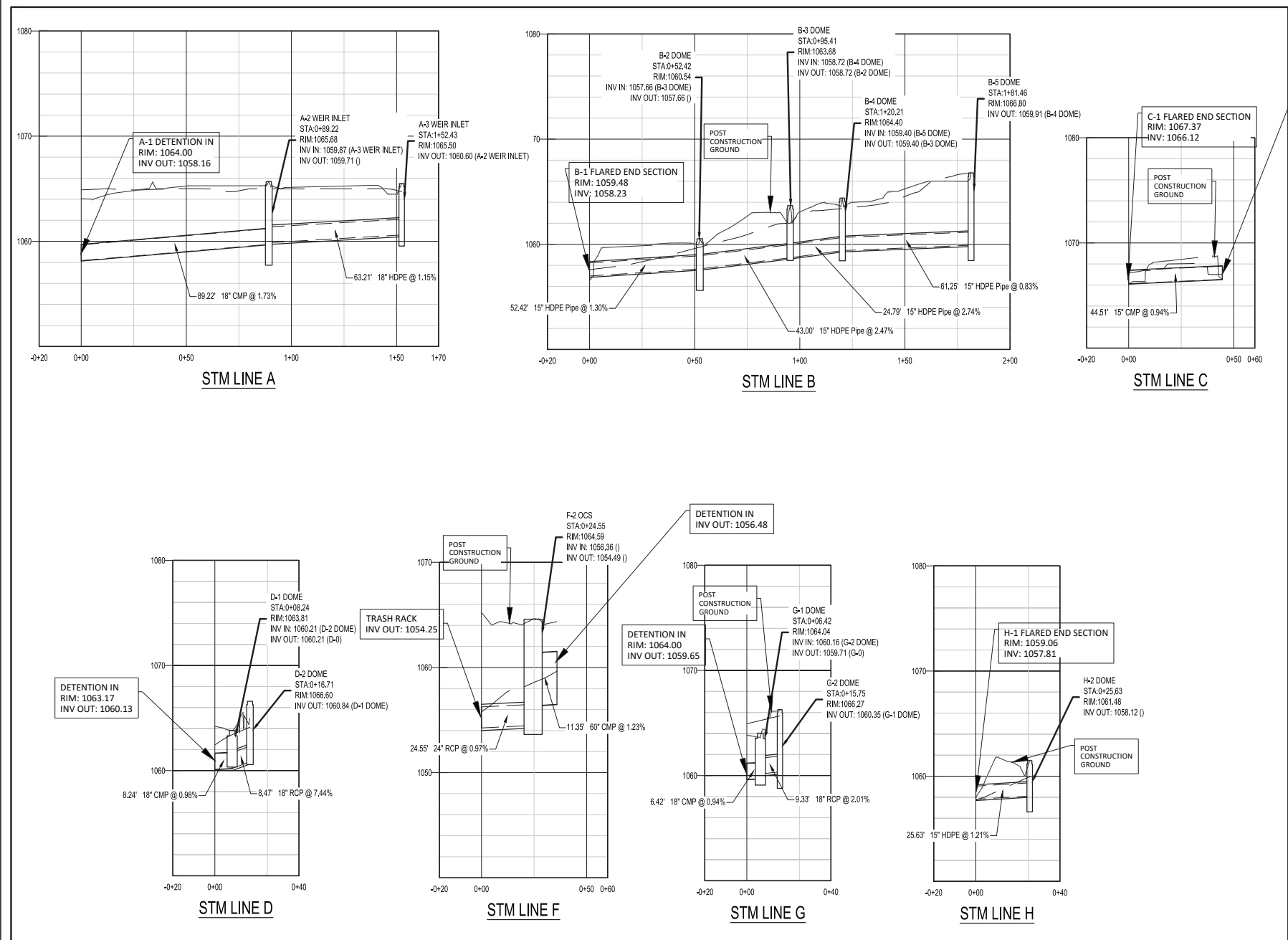
Stormwater BMP As-Built Survey For: Multiplex, LLC
Elisha Winn House
Site Address: 908 Dacula Road
City of Dacula, Gwinnett County, Georgia

Sheet / Drawing Scale
 1" = 10'
 Unless Otherwise Noted
 GSA Project No.
 21-07-0640
 Drawn By / Field Crew
 Crew No. 1
 WD 09/16/2021
 Sheet No. 02 OF 04

GRANT SHEPHERD & ASSOCIATES, INC.
 Construction Layout • GPS Modeling
 Land Surveying • Site Development
 735 LONGLEAF BOULEVARD, SUITE A LAWRENCEVILLE, GA 30046
 PHONE: 770.418.9823 FAX: 770.418.9289
 www.grantsurveying.com
 COA/LSF 000459

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GWINNETT COUNTY PROJECT NUMBER(S):
CDP 2019-00035
ABLT 2022-00126



DATE OF PRINT/PDF: 07/06/2022

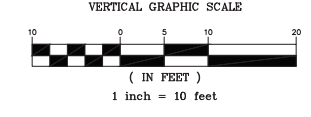
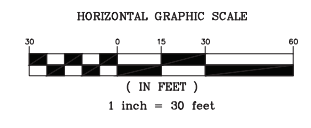
| No. # | DATE / BY | DESCRIPTION |
|-------|------------|-------------------|
| 1 | 2/10/2022 | INITIAL SUBMITTAL |
| 2 | 07/06/2022 | COUNTY COMMENTS |

25 YEAR PIPE CHART: (RAINFALL INTENSITY 9.32 IN/HR)

| LineNo. | Upstream Structure | LineID | Grnd/RimElev Up (ft) | Grnd/RimElev Dn (ft) | InvertUp (ft) | InvertDn (ft) | LineSlope (%) | LineSize (in) | LineType | LineLength (ft) | DrainageArea (ac) | RunoffCoeff (C) | IncrCxA | TotalCxA | PipeTravel (min) | n-valuePipe | iSys (in/hr) | VelAve (ft/s) | IncrQ (cfs) | FlowRate (cfs) | HGLUp (ft) | HGLDn (ft) |
|---------|--------------------|--------|----------------------|----------------------|---------------|---------------|---------------|---------------|----------|-----------------|-------------------|-----------------|---------|----------|------------------|-------------|--------------|---------------|-------------|----------------|------------|------------|
| 1 | DI A-2 | A2 | 1064.44 | 1064 | 1059.07 | 1058.16 | 1.00 | 18 | CMP | 90.759 | 0.04 | 0.68 | 0.03 | 0.11 | 2.74 | 0.012 | 8.4 | 3.32 | 0.25 | 0.89 | 1059.42 | 1058.44 |
| 2 | DI A-3 | A3 | 1063.51 | 1064.79 | 1060.50 | 1059.07 | 3.32 | 18 | HDPE | 43 | 0.13 | 0.61 | 0.08 | 0.08 | 1.71 | 0.012 | 9.32 | 2.51 | 0.74 | 0.74 | 1060.82 | 1059.42 |
| 3 | DI B-2 | B2 | 1059.50 | 0 | 1057.50 | 1059.48 | 1.00 | 15 | HDPE | 51.045 | 0.04 | 0.68 | 0.03 | 0.07 | 1.02 | 0.012 | 7.85 | 2.92 | 0.25 | 0.51 | 1057.58 | 1057.23 |
| 4 | DI B-3 | B3 | 1061.50 | 1059.5 | 1058.78 | 1057.50 | 3.00 | 15 | HDPE | 43.123 | 0.06 | 0.64 | 0.04 | 0.04 | 2.96 | 0.012 | 9.32 | 3.2 | 0.36 | 0.36 | 1059.03 | 1057.65 |
| 5 | FES C-2 | C2 | 1068.94 | 1068.57 | 1065.54 | 1065.38 | 1.00 | 18 | RCP | 36.786 | 0.45 | 0.61 | 0.27 | 0.27 | 0.19 | 0.013 | 9.32 | 3.71 | 2.56 | 2.56 | 1066.36 | 1066.2 |
| 6 | DI D-1 | D1 | 1063.00 | 1063.17 | 1060.21 | 1060.13 | 1.00 | 18 | CMP | 8.291 | 0.25 | 0.87 | 0.22 | 0.31 | 0.09 | 0.012 | 9.16 | 4.58 | 2.03 | 2.83 | 1060.85 | 1060.65 |
| 7 | DI D-2 | D2 | 1063.40 | 1063.01 | 1060.38 | 1060.21 | 2.25 | 18 | RCP | 7.554 | 0.15 | 0.61 | 0.09 | 0.09 | 0.26 | 0.012 | 9.32 | 2.63 | 0.85 | 0.85 | 1060.81 | 1060.83 |
| 8 | OCS F-2 | F2 | 1063.80 | 0 | 1054.49 | 1054.25 | 1.00 | 24 | RCP | 23.766 | 0 | 0 | 0 | 0 | 1.56 | 0.013 | 0 | 3.07 | 0.8 | 0.8 | 1054.56 | 1054.26 |
| 9 | DI G-1 | G-1 | 1063.20 | 1064 | 1059.71 | 1059.65 | 1.00 | 18 | CMP | 6.056 | 0.18 | 0.89 | 0.16 | 0.19 | 0.1 | 0.012 | 8.82 | 3.99 | 1.49 | 1.68 | 1060.2 | 1060.04 |
| 10 | DI G-2 | G-2 | 1065.00 | 1064 | 1060.35 | 1060.16 | 2.23 | 18 | RCP | 8.434 | 0.05 | 0.61 | 0.03 | 0.03 | 0.87 | 0.013 | 9.32 | 2.85 | 0.28 | 0.28 | 1060.55 | 1060.31 |
| 11 | DI H-2 | H-2 | 1059.50 | 0 | 1058.12 | 1057.90 | 1.00 | 15 | HDPE | 22.003 | 0.08 | 0.63 | 0.05 | 0.05 | 0.96 | 0.012 | 9.32 | 2.84 | 0.47 | 0.47 | 1058.39 | 1058.12 |



BASIS OF HORIZONTAL DATUM
GEORGIA STATE PLANES -
WEST ZONE (NAD83)



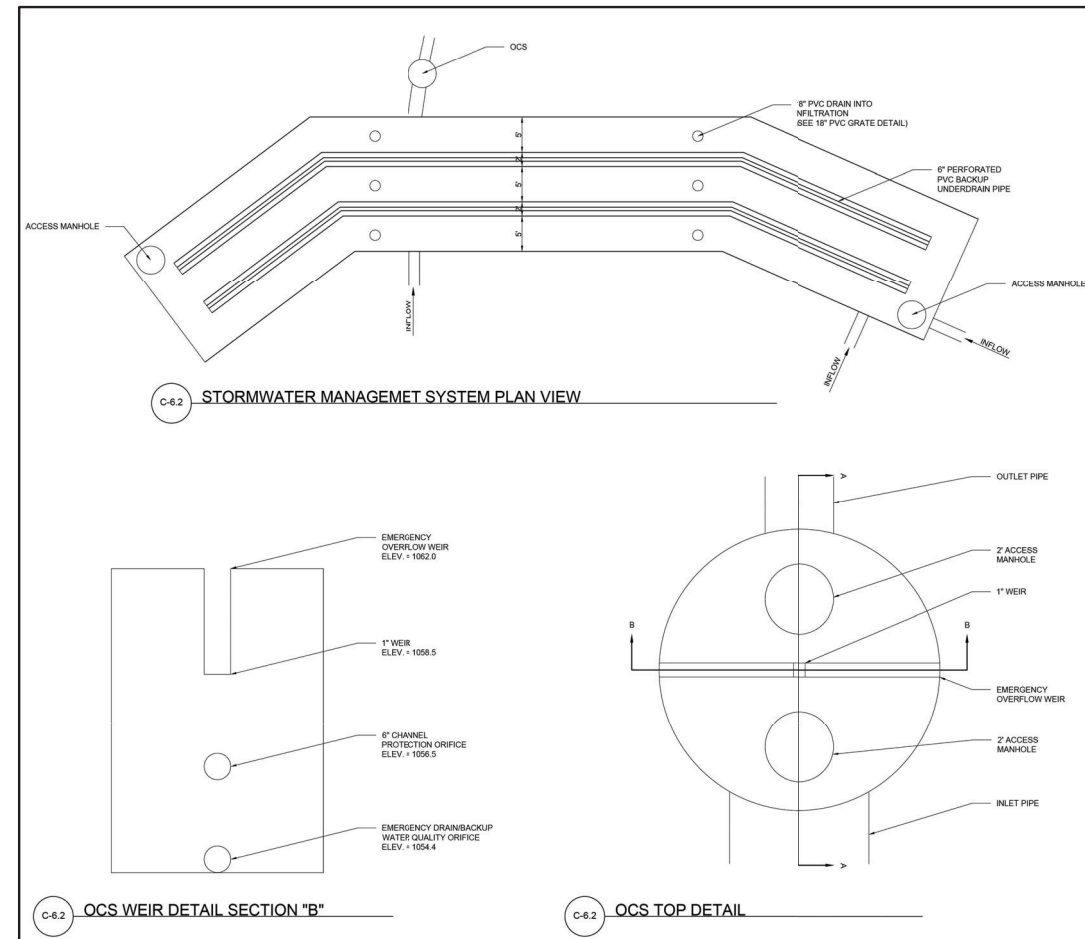
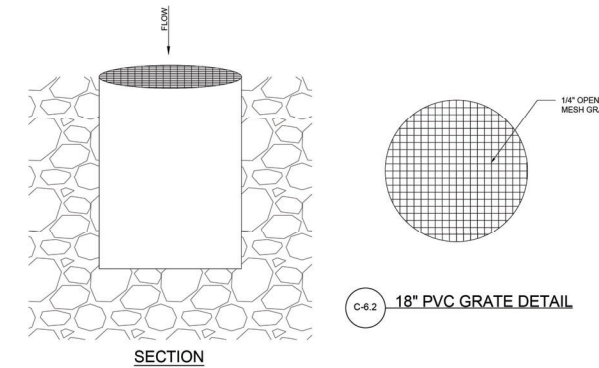
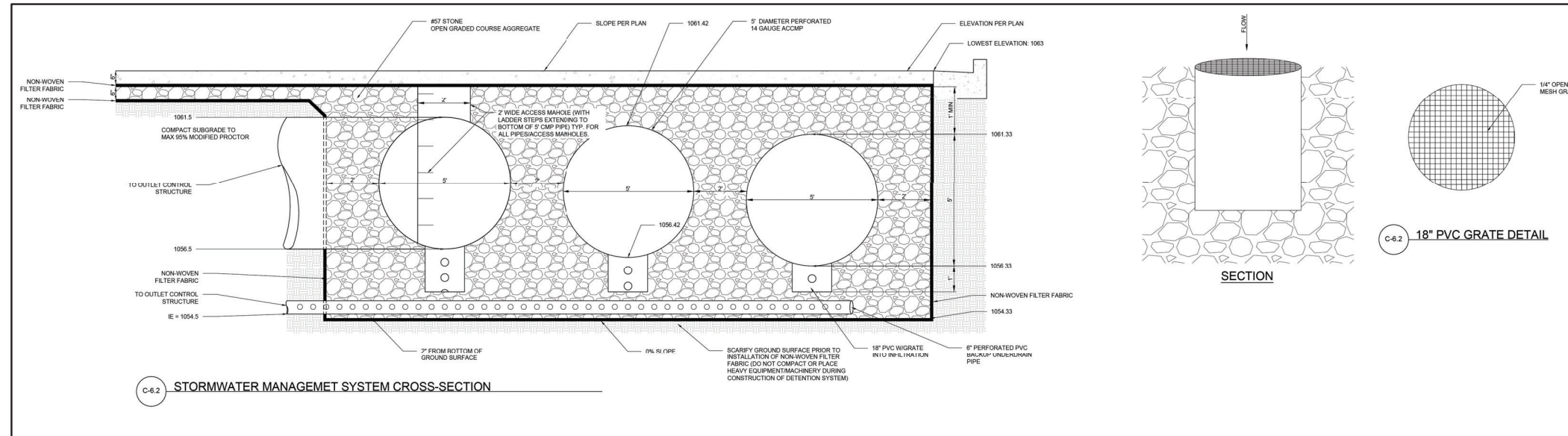
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Site Address: 908 Dacula Road
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GSA Project No.
21-07-0640
Drawn By / Field Crew
Crew No. 1
WD 09/16/2021
Sheet No. 03 OF 04

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735 LONGLEAF BOULEVARD, SUITE A LAWRENCEVILLE, GA 30046
PHONE: 770.418.9823 FAX: 770.418.9289
www.grantasurveying.com

COA/LSF 000459

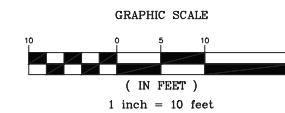


| DATE OF PRINT/PDF: 07/06/2022 | | |
|-------------------------------|------------|-------------------|
| No. # | DATE / BY | DESCRIPTION |
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| 2 | 07/06/2022 | COUNTY COMMENTS |
| | | |
| | | |
| | | |

GWINNETT COUNTY PROJECT NUMBER(S):
 CDP 2019-00035
 ABLT 2022-00126



BASIS OF HORIZONTAL DATUM
 GEORGIA STATE PLANES -
 WEST ZONE (NAD83)



Stormwater BMP As-Built Survey For: Multiplex, LLC
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COA/LSF 000459

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GENERAL SHEET NOTES

- SEE C-001 FOR ADDITIONAL NOTES, LEGEND, AND ABBREVIATIONS.
- THIS SHEET IS PART OF A MULTI-SHEET SET OF CONSTRUCTION PLANS AND SHALL BE READ WITH THE FULL SET TO BEST ENSURE PROPER INTERPRETATION.
- ALL HDPE PIPE (SOLID AND PERFORATED) TO BE DUAL WALL, SMOOTH INTERIOR.
- CONTRACTOR IS RESPONSIBLE FOR ENSURING BACKFILL AROUND EXISTING AND PROPOSED INLETS MEETS THE REQUIREMENTS OF THE OWNER'S GEOTECHNICAL ENGINEER.
- REFER TO PIPE PROFILES ON SHEET CG201 FOR FURTHER INFORMATION ON STORM PIPE SIZES, MATERIALS, AND SLOPES, AND FOR FURTHER INFORMATION ON STRUCTURE TYPES AND ELEVATIONS.

SHEET KEYNOTES

- 12" PERFORATED HDPE @ 0.5% MINIMUM SLOPE IN STONE TRENCH. SEE DETAIL C4/C-502.
- 18" HDPE STORM SEWER, TYPICAL. SEE PROFILES ON CG-201 FOR ADDITIONAL INFORMATION.
- 12" PANEL DRAINS AS SHOWN, SPACED 20' CENTER-TO-CENTER AND SLOPED TO DRAIN TO 12" PERFORATED HDPE IN STONE TRENCH. SEE DETAILS C2 AND C4 ON SHEET C-502.
- FINAL GRADE OUTSIDE FIELD TO BE FLUSH WITH FIELD CURB, TYPICAL.
- GOAL MOUNTING BOX, SEE SITE PLAN. INVERT OF BOX TO BE AT APPROXIMATE ELEVATION OF 1048.25. CONTRACTOR TO COORDINATE FINAL MOUNTING ELEVATIONS WITH TURF INSTALLER TO ENSURE THAT MOUNTING ALLOWS FOR THE PROPER FUNCTION OF ALL FEATURES.
- 1" PVC DRAIN PIPE FROM GOAL MOUNTING BOX TO TRENCH @ 0.5% SLOPE, MINIMUM. END WITHIN 2" OF PERFORATED PIPE
- CONNECT PERFORATED SUBDRAINAGE PIPING TO STRUCTURE AT ELEVATION 955.0
- NEW UNDERGROUND DETENTION SYSTEM (STORMTECH MC-4500 CHAMBERS WITH STONE ENCASUREMENT). SEE DETAILS ON SHEET C-503.
- OUTLET CONTROL STRUCTURE. SEE DETAIL A1/C-504.
- CLEANLY MATCH ELEVATION OF EXISTING, TYPICAL.
- RETAINING WALL A (SEGMENTAL BLOCK WITH GUARDRAIL), DELEGATED DESIGN BY CONTRACTOR. SEE DETAIL A3/C-501 FOR ADDITIONAL INFORMATION.
- RETAINING WALL B (SEGMENTAL BLOCK WITH GUARDRAIL), DELEGATED DESIGN BY CONTRACTOR. SEE DETAIL A3/C-501 FOR ADDITIONAL INFORMATION.
- CONTRACTOR TO PRESERVE AND PROTECT EXISTING UNDISTURBED BUFFER, TYPICAL.
- CONCRETE SWALE ABOVE RETAINING WALL A. SEE DETAIL A4/C-501.
- END CONCRETE SWALE AT INLET. CLEANLY TIE CONCRETE SWALE FLUSH TO THROAT OF WEIR INLET WITH EXPANSION JOINT.
- LIMITS OF CONSTRUCTION, TYPICAL.
- SIDEWALK TO MATCH ELEVATION OF FIELD CURBING, AND SLOPE AWAY FROM FIELD AT 1.5%, TYPICAL.
- REMOVE EXISTING INLET AND DEMOLISH PIPE TO NEW STRUCTURE C-1.
- REBUILD TOP OF EXISTING INLET TO NEW GRADE. NEW GRADE ELEVATION AS SHOWN.
- APPROXIMATE LOCATION OF SEPTIC FIELD PER RECORD DRAWINGS FOR MOUNTAIN PARK PARK. THE SEPTIC FIELD IS UNDERSTOOD TO HAVE BEEN REMOVED PREVIOUSLY, HOWEVER THE CONTRACTOR SHOULD CONFIRM PRIOR TO CONSTRUCTION THAT NO HAZARDOUS OR UNSUITABLE MATERIALS EXIST.
- RAILING. SEE SITE PLAN (CS-101) FOR ADDITIONAL INFORMATION.

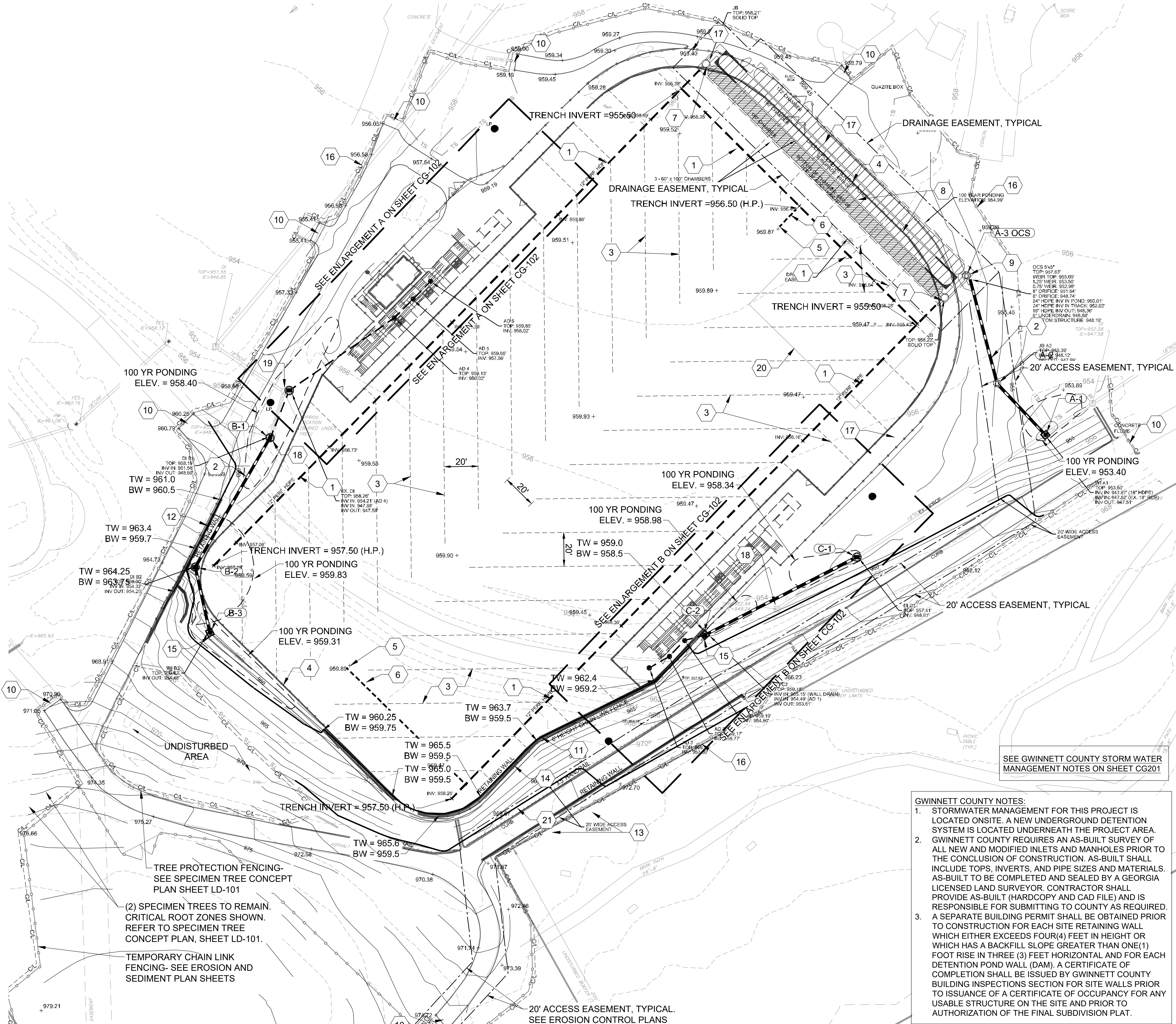
FINISHED ELEVATIONS OF SYNTHETIC FIELD TO MATCH TOP OF CURB (TC) ELEVATION, TYPICAL.

ELEVATIONS SHOWN WITHIN THE FIELD AREA REPRESENT THE TOP OF THE SYNTHETIC GRASS.

NOTE:
CONTRACTOR RESPONSIBLE FOR PREPARING SUBGRADE AND OBTAINING REQUIRED COMPACTION. ALL AREAS TO RECEIVE ARTIFICIAL TURF AREA TO BE PROOF-ROLLED PER THE SPECIFICATIONS IN THE PRESENCE OF THE GEOTECHNICAL ENGINEER. NO ADDITIONAL PAYMENT WILL BE MADE FOR REMOVING EXISTING BASE MATERIALS. ADDITIONALLY, NO ADDITIONAL PAYMENT WILL BE MADE FOR FURNISHING OR PLACING ADDITIONAL FILL TO LEVEL SUBGRADE GRAVEL IF EXISTING BASE MATERIALS ARE REMOVED.

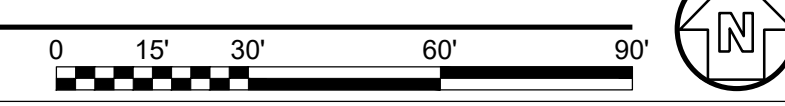
GWINNETT COUNTY NOTES:

- STORMWATER MANAGEMENT FOR THIS PROJECT IS LOCATED ONSITE. A NEW UNDERGROUND DETENTION SYSTEM IS LOCATED UNDERNEATH THE PROJECT AREA. GWINNETT COUNTY REQUIRES AN AS-BUILT SURVEY OF ALL NEW AND MODIFIED INLETS AND MANHOLES PRIOR TO THE CONCLUSION OF CONSTRUCTION. AS-BUILT SHALL INCLUDE TOPS, INVERTS, AND PIPE SIZES AND MATERIALS. AS-BUILT TO BE COMPLETED AND SEALED BY A GEORGIA LICENSED LAND SURVEYOR. CONTRACTOR SHALL PROVIDE AS-BUILT (HARDCOPY AND CAD FILE) AND IS RESPONSIBLE FOR SUBMITTING TO COUNTY AS REQUIRED.
- A SEPARATE BUILDING PERMIT SHALL BE OBTAINED PRIOR TO CONSTRUCTION FOR EACH SITE RETAINING WALL WHICH HAS A BACKFILL SLOPE GREATER THAN ONE(1) FOOT RISE IN THREE (3) FEET HORIZONTAL AND FOR EACH DETENTION POND WALL (DAM). A CERTIFICATE OF COMPLETION SHALL BE ISSUED BY GWINNETT COUNTY BUILDING INSPECTIONS SECTION FOR SITE WALLS PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY FOR ANY USABLE STRUCTURE ON THE SITE AND PRIOR TO AUTHORIZATION OF THE FINAL SUBDIVISION PLAT.



A1 GRADING AND DRAINAGE PLAN

SCALE: 1" = 30'



Gwinnett County Parks & Recreation
75 Langley Drive
Lawrenceville, GA 30045

POND

3500 Parkway Lane
Suite 500
Peachtree Corners,
Ga. 30092
Phone 678-336-7740
Fax 678-336-7744
Web www.pondco.com
Project No.: 1170025

| Date | Rev. | Description | Mark |
|------------|------|--------------|------|
| 08/30/2019 | 0 | AS-BUILT SET | |

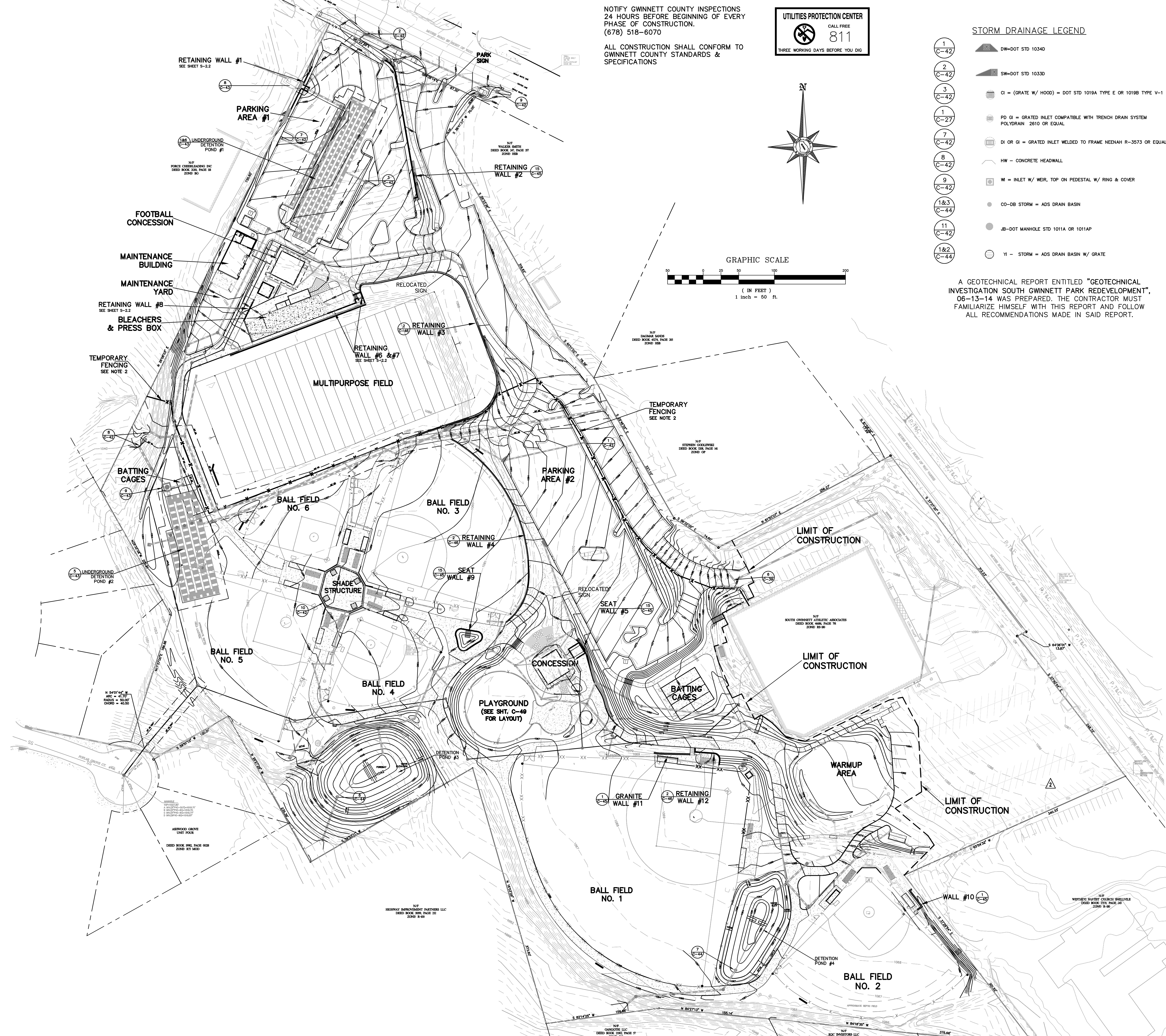
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|---------------|-----|------------------|--------------------|
| Designed by: | KDH | Rev. | 01/28/2020 |
| Drawn by: | KDH | Design file no.: | CG-101.dwg |
| Reviewed by: | PLL | Drawing code: | |
| Submitted by: | | File name: | CG-101.dwg |
| | | Plot date: | 9/30/2020 12:41 PM |
| | | Plot scale: | 1" = 25' |

MOUNTAIN PARK PARK
5050 FIVE FORKS TRICKUM ROAD, LILBURN, GA 30047
District/Land Lot# Parcel: 608016-080 005

GRADING AND DRAINAGE PLAN

Sheet reference number:
CG-101

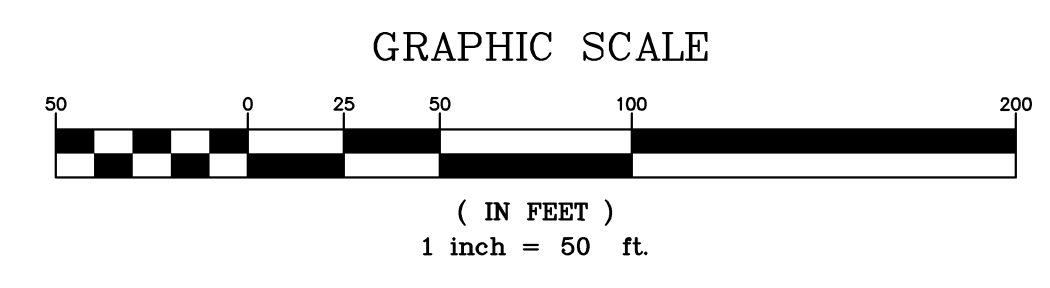
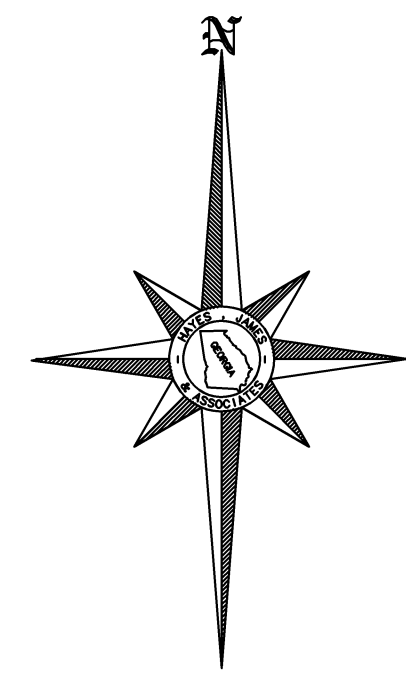
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 normal.ctb
 7/8/2015 10:36 AM
 philip.davis



NOTIFY GWINNETT COUNTY INSPECTIONS
 24 HOURS BEFORE BEGINNING OF EVERY
 PHASE OF CONSTRUCTION.
 (678) 518-6070
 ALL CONSTRUCTION SHALL CONFORM TO
 GWINNETT COUNTY STANDARDS &
 SPECIFICATIONS

UTILITIES PROTECTION CENTER
 CALL FREE
811
 THREE WORKING DAYS BEFORE YOU DIG

- STORM DRAINAGE LEGEND**
- 1 DW-DOT STD 10340
 - 2 SW-DOT STD 10330
 - 3 CI = (GRATE W/ HOOD) = DOT STD 1019A TYPE E OR 1019B TYPE V-1
 - 4 PD GI = GRATED INLET COMPATIBLE WITH TRENCH DRAIN SYSTEM POLYDRAIN 2610 OR EQUAL
 - 5 DI OR GI = GRATED INLET WELDED TO FRAME NEENAH R-3573 OR EQUAL
 - 6 HW - CONCRETE HEADWALL
 - 7 W = INLET W/ WEIR, TOP ON PEDESTAL W/ RING & COVER
 - 8 CO-DB STORM = ADS DRAIN BASIN
 - 9 JB-DOT MANHOLE STD 1011A OR 1011AP
 - 10 Y1 - STORM = ADS DRAIN BASIN W/ GRATE



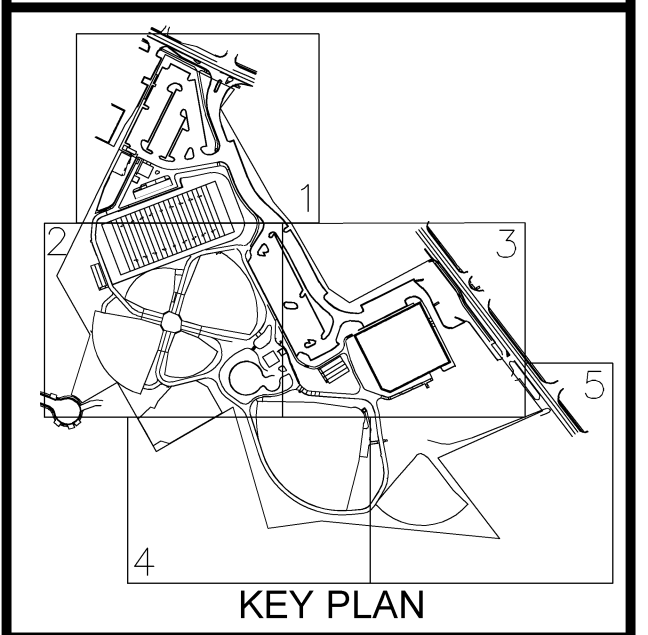
A GEOTECHNICAL REPORT ENTITLED "GEOTECHNICAL INVESTIGATION SOUTH GWINNETT PARK REDEVELOPMENT", 06-13-14 WAS PREPARED. THE CONTRACTOR MUST FAMILIARIZE HIMSELF WITH THIS REPORT AND FOLLOW ALL RECOMMENDATIONS MADE IN SAID REPORT.

Hayes James
 ENGINEERS, PLANNERS & SURVEYORS
 4145 SHACKLEFORD ROAD
 SUITE 300
 NORCROSS, GEORGIA 30093
 TEL: (770) 923-1600
 FAX: (770) 923-4202

**PARKS & RECREATION
 DIVISION OF GWINNETT
 COUNTY DEPARTMENT OF
 COMMUNITY SERVICES**

75 LANGLEY DRIVE
 LAWRENCEVILLE, GA

CONTACT: BILL WEIKEL
 770-822-9829



This document is prepared for the exclusive use of GWINNETT COUNTY PARKS AND RECREATION and shall not be relied on by any other person or entity.

| No. | Description | By | App. | Date |
|-----|-----------------------------|----|------|----------|
| 1 | APPROVAL BY CITY AND COUNTY | RH | TM | 03-20-15 |
| 2 | ADDITION #1 | RH | TM | 05-18-15 |
| 3 | CONFORMED FOR CONSTRUCTION | RH | TM | 07-09-15 |

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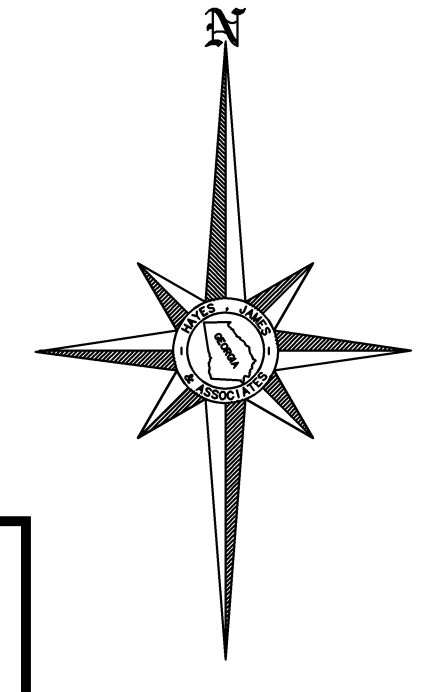
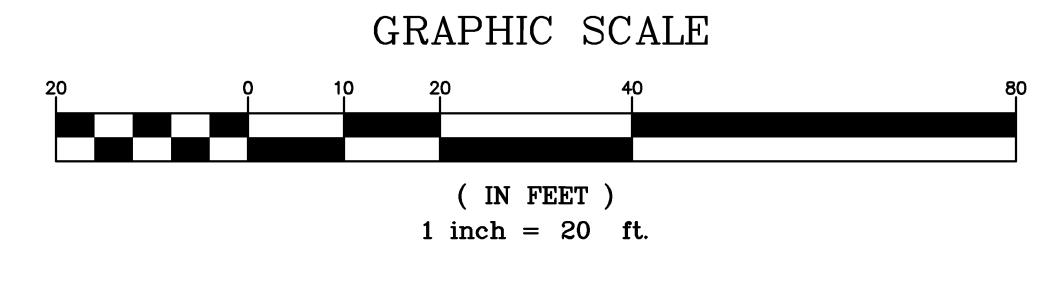
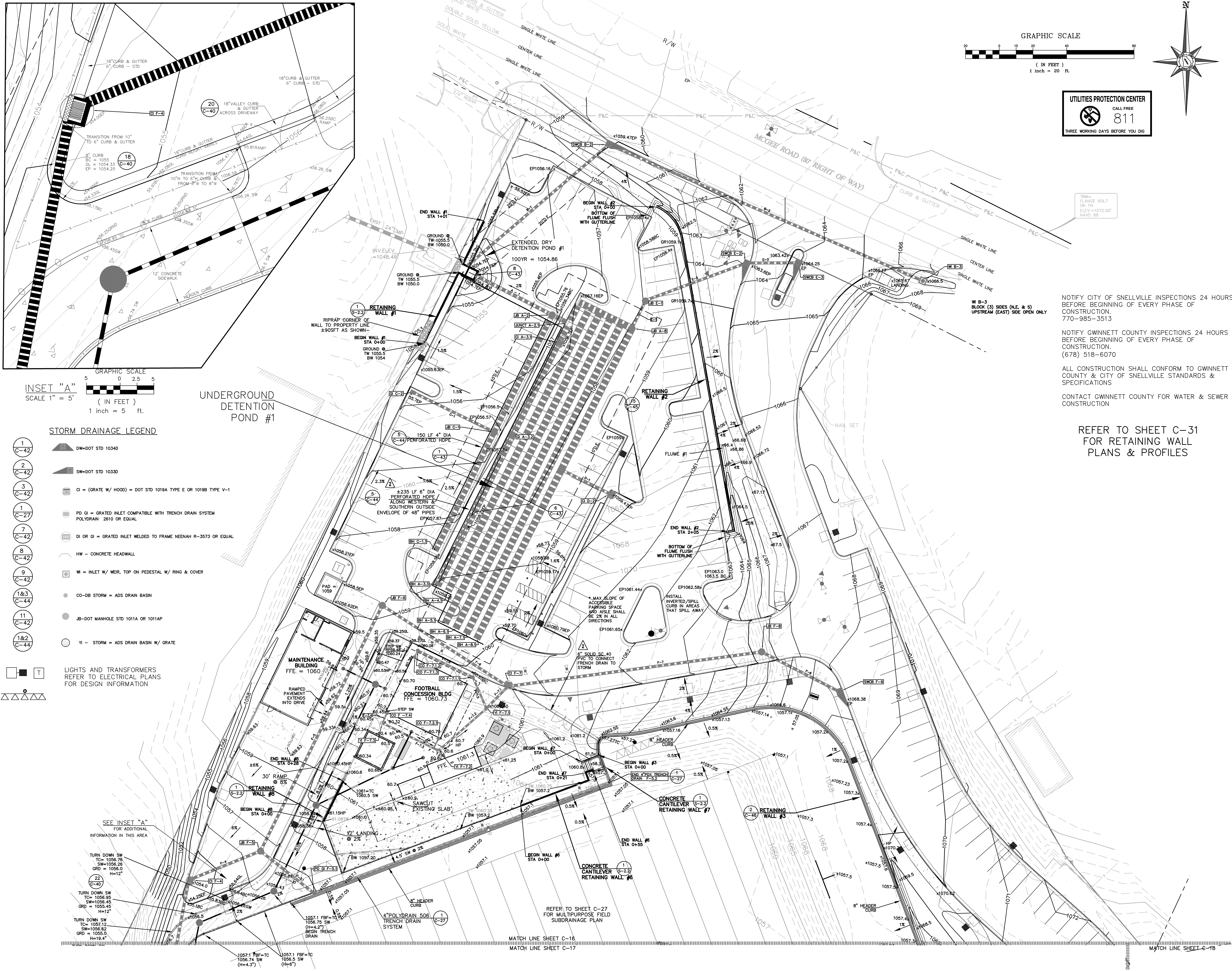
GSWCC #11367

**REDEVELOPMENT OF
 SOUTH GWINNETT PARK**

Project Location
 Address 2015 MCGEE ROAD
 City, State Zip SNELLVILLE, GA 30078
 Land Lot 7 & 8
 District-Parcel 5TH, 6TH - 5007 023
 County GWINNETT
Project No. 13-054-C
Drawn By: RH
Checked By: SMB
Initial Issue Date: 10-08-14
Sheet Title

OVERALL GRADING PLAN

Sheet Number
C-15



UTILITIES PROTECTION CENTER
CALL FREE
811
THREE WORKING DAYS BEFORE YOU DIG

TBM= FLANGE BOLT ON TIE
ELEV=1072.00
NAVD= 88

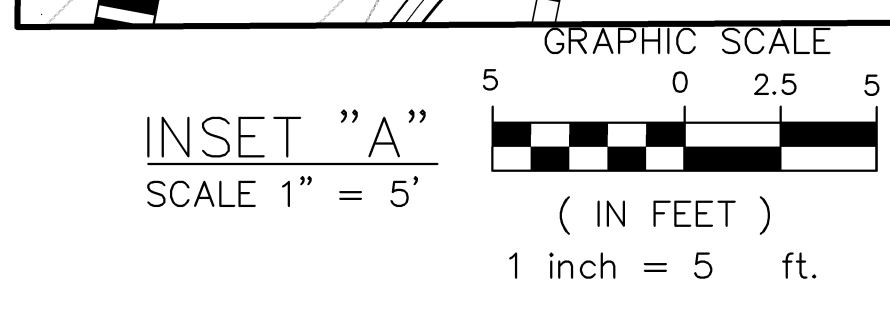
NOTIFY CITY OF SNELLVILLE INSPECTIONS 24 HOURS BEFORE BEGINNING OF EVERY PHASE OF CONSTRUCTION.
770-985-3513

NOTIFY GWINNETT COUNTY INSPECTIONS 24 HOURS BEFORE BEGINNING OF EVERY PHASE OF CONSTRUCTION.
(678) 518-6070

ALL CONSTRUCTION SHALL CONFORM TO GWINNETT COUNTY & CITY OF SNELLVILLE STANDARDS & SPECIFICATIONS

CONTACT GWINNETT COUNTY FOR WATER & SEWER CONSTRUCTION

REFER TO SHEET C-31 FOR RETAINING WALL PLANS & PROFILES



UNDERGROUND DETENTION POND #1

STORM DRAINAGE LEGEND

- 1 DW=DOT STD 10340
- 2 SW=DOT STD 10330
- 3 CI = (GRATE W/ HOOD) = DOT STD 1019A TYPE E OR 1019B TYPE V-1
- 4 PD GI = GRATED INLET COMPATIBLE WITH TRENCH DRAIN SYSTEM POLYDRAIN 2610 OR EQUAL
- 5 DI OR GI = GRATED INLET WELDED TO FRAME NEENAH R-3573 OR EQUAL
- 6 HW = CONCRETE HEADWALL
- 7 W = INLET W/ WEIR, TOP ON PEDESTAL W/ RING & COVER
- 8 CO-BD STORM = ADS DRAIN BASIN
- 9 JB-DOT MANHOLE STD 1011A OR 1011AP
- 10 YI - STORM = ADS DRAIN BASIN W/ GRATE

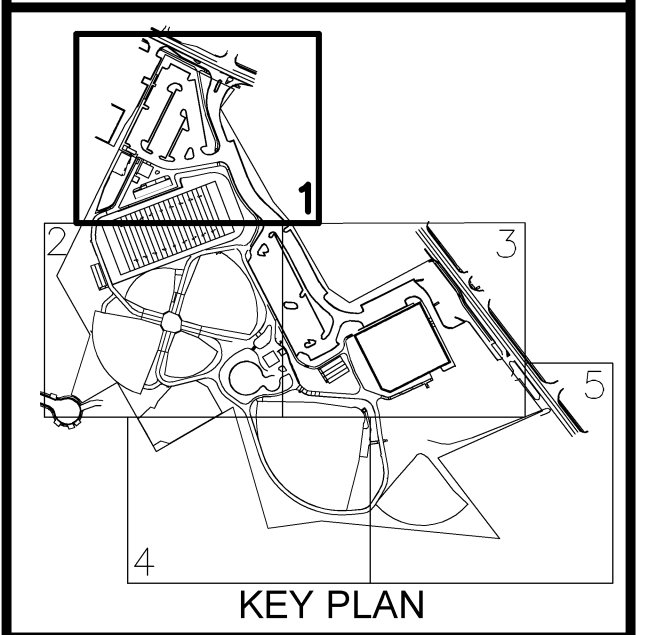
LIGHTS AND TRANSFORMERS REFER TO ELECTRICAL PLANS FOR DESIGN INFORMATION

Hayes James
ENGINEERS, PLANNERS & SURVEYORS
4145 SHACKLEFORD ROAD SUITE 300
NORCROSS, GEORGIA 30093
TEL: (770) 923-1600
FAX: (770) 923-4202

PARKS & RECREATION DIVISION OF GWINNETT COUNTY DEPARTMENT OF COMMUNITY SERVICES

75 LANGLEY DRIVE
LAWRENCEVILLE, GA

CONTACT: BILL WEIKEL
770-822-8829



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| No. | Issue Description | By | App. | Date |
|-----|-----------------------------|----|------|----------|
| 1 | APPROVAL BY CITY AND COUNTY | RH | TM | 03/20/15 |
| 2 | ADDENDUM #2 | RH | TM | 05/18/15 |
| 3 | CONFORMED FOR CONSTRUCTION | RH | TM | 07/29/15 |

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GSWCC #11367

REDEVELOPMENT OF SOUTH GWINNETT PARK

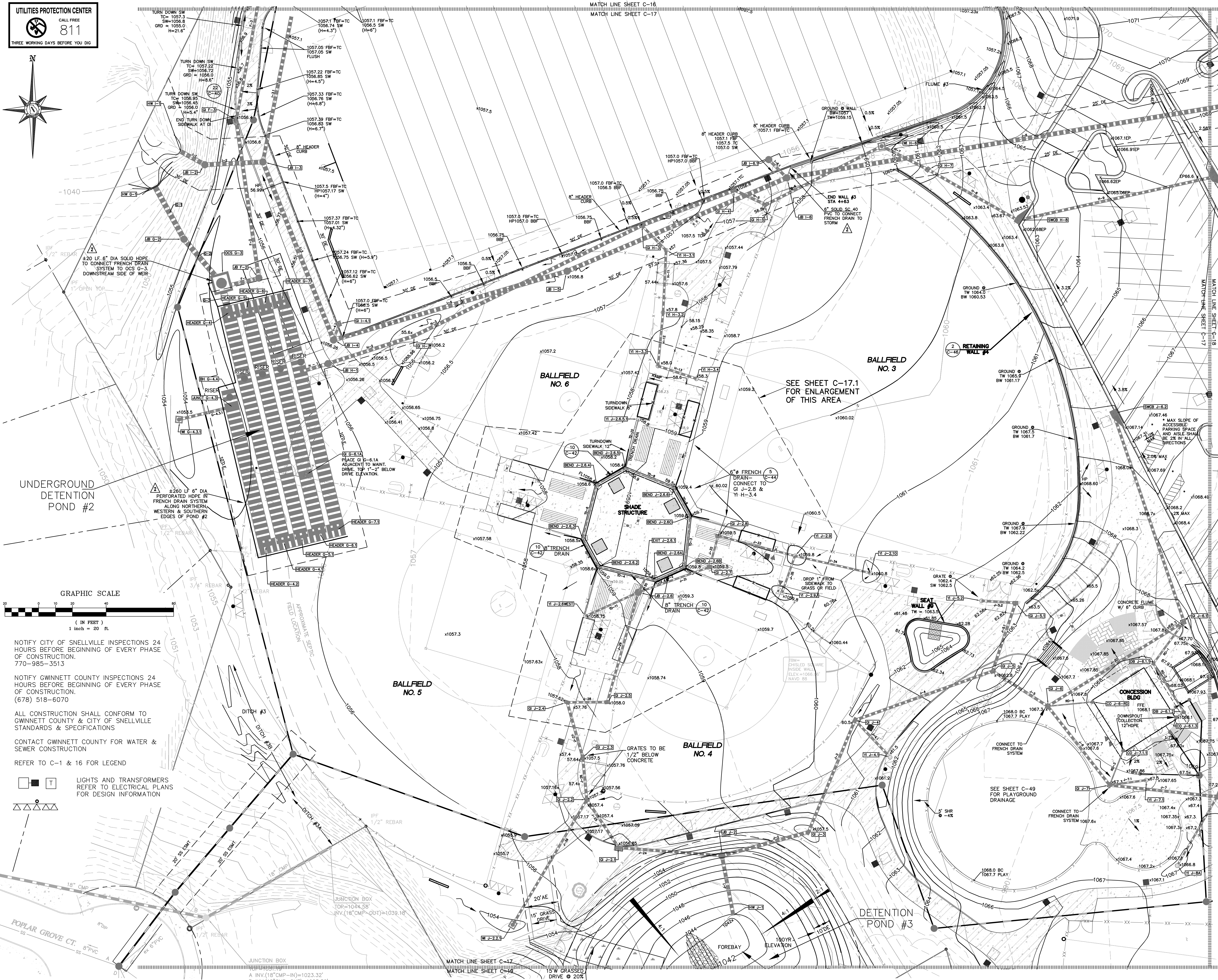
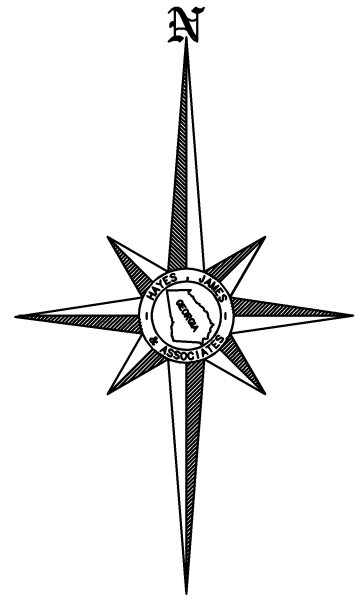
Project Location
Address 2015 MCGEE ROAD
City, State Zip SNELLVILLE, GA 30078
Land Lot 7 & 8
District-Parcel 5TH, 6TH - 5007 023
County GWINNETT

Project No. 13-054-C
Drawn By: RH
Checked By: SMB
Initial Issue Date: 10-08-14

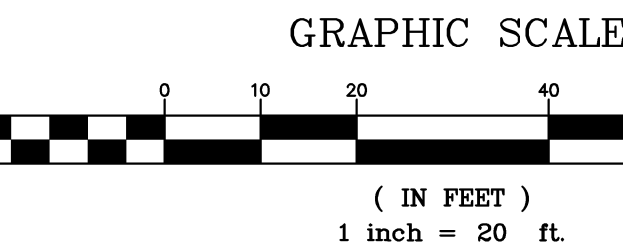
GRADING & DRAINAGE PLAN - 1

Sheet Number **C-16**

7/8/2015 10:36 AM normal.ctb i:\proj\13054 - s gwinnett park\dwg\production\13054grad-util.dwg philip.davis



UNDERGROUND
DETENTION
POND #2



NOTIFY CITY OF SNELLVILLE INSPECTIONS 24 HOURS BEFORE BEGINNING OF EVERY PHASE OF CONSTRUCTION.
770-985-3513

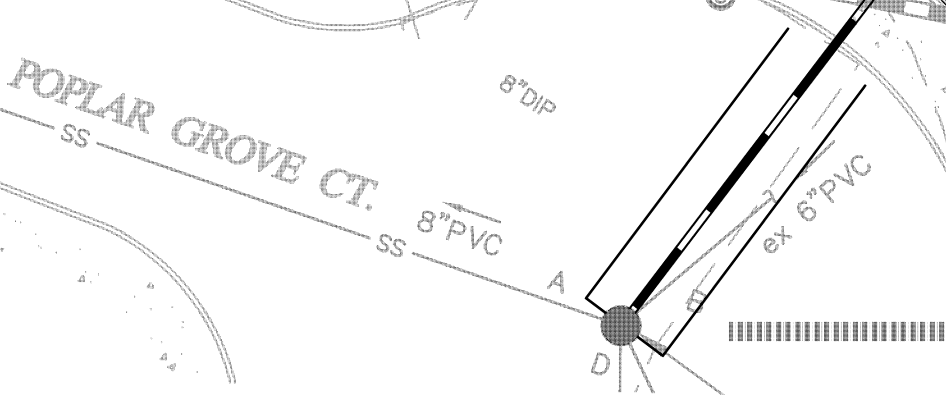
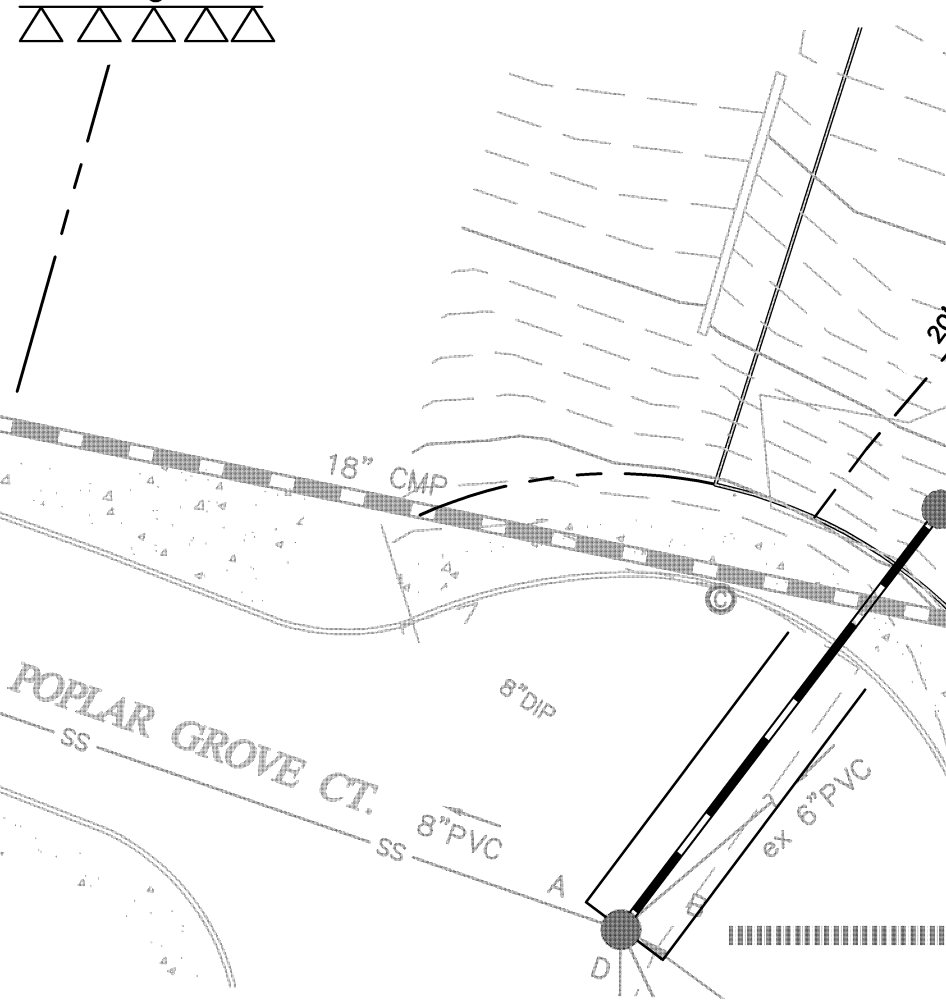
NOTIFY GWINNETT COUNTY INSPECTIONS 24 HOURS BEFORE BEGINNING OF EVERY PHASE OF CONSTRUCTION.
(678) 518-6070

ALL CONSTRUCTION SHALL CONFORM TO GWINNETT COUNTY & CITY OF SNELLVILLE STANDARDS & SPECIFICATIONS

CONTACT GWINNETT COUNTY FOR WATER & SEWER CONSTRUCTION

REFER TO C-1 & 16 FOR LEGEND

LIGHTS AND TRANSFORMERS REFER TO ELECTRICAL PLANS FOR DESIGN INFORMATION



JUNCTION BOX
TOR=1044.58'
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MATCH LINE SHEET C-17
MATCH LINE SHEET C-16

DRIVE @ 20%

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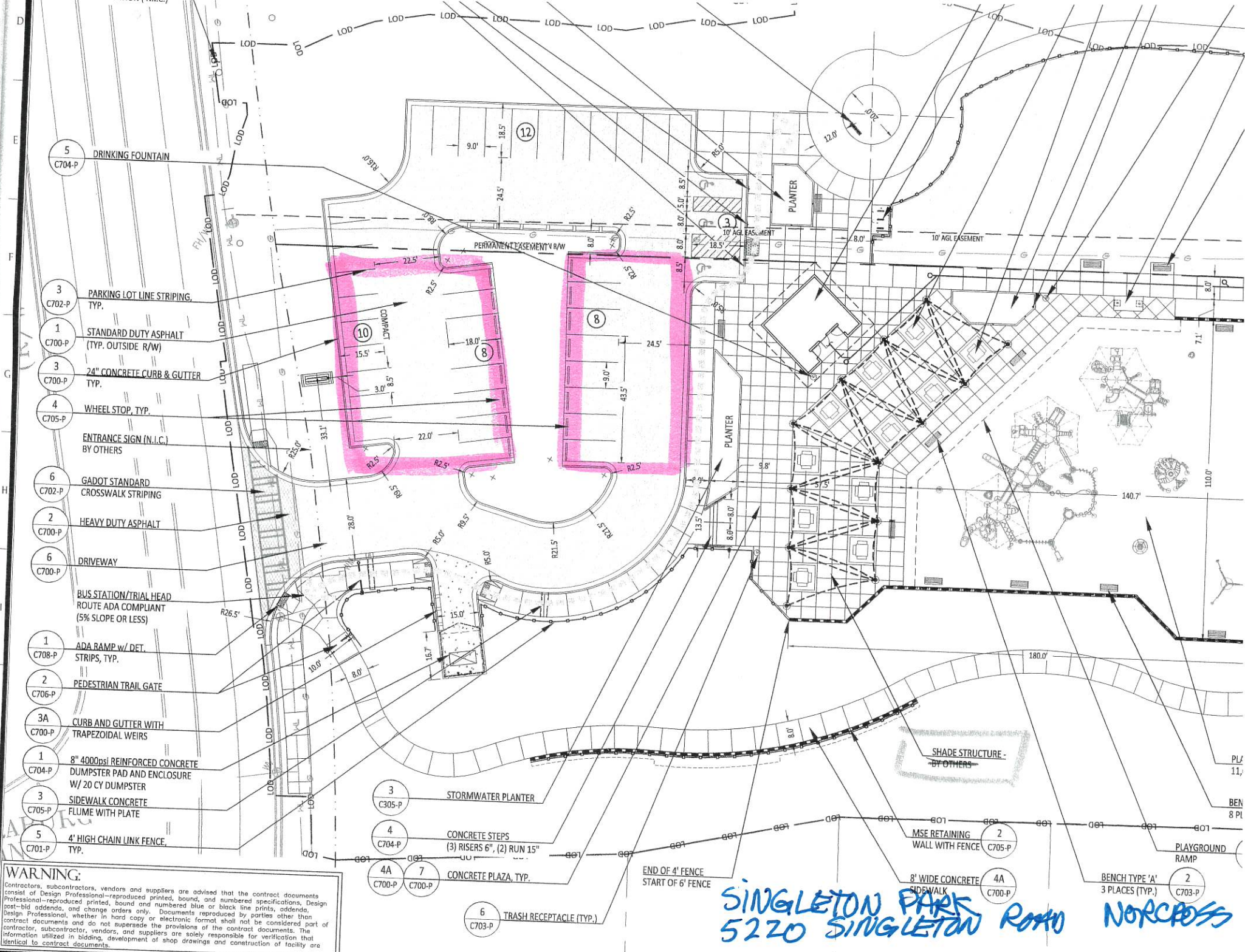
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5 DRINKING FOUNTAIN
C704-P

3 PARKING LOT LINE STRIPING, TYP.
C702-P

1 STANDARD DUTY ASPHALT (TYP. OUTSIDE R/W)
C700-P

3 24" CONCRETE CURB & GUTTER TYP.
C700-P

4 WHEEL STOP, TYP.
C705-P

ENTRANCE SIGN (N.I.C.) BY OTHERS

6 GADOT STANDARD CROSSWALK STRIPING
C702-P

2 HEAVY DUTY ASPHALT
C700-P

6 DRIVEWAY
C700-P

BUS STATION/TRAIL HEAD ROUTE ADA COMPLIANT (5% SLOPE OR LESS)

1 ADA RAMP w/ DET. STRIPS, TYP.
C708-P

2 PEDESTRIAN TRAIL GATE
C706-P

3A CURB AND GUTTER WITH TRAPEZOIDAL WEIRS
C700-P

1 8" 4000psi REINFORCED CONCRETE DUMPSTER PAD AND ENCLOSURE W/ 20 CY DUMPSTER
C704-P

3 SIDEWALK CONCRETE FLUME WITH PLATE
C705-P

5 4' HIGH CHAIN LINK FENCE, TYP.
C701-P

3 STORMWATER PLANTER
C305-P

4 CONCRETE STEPS (3) RISERS 6", (2) RUN 15"
C704-P

4A CONCRETE PLAZA, TYP.
C700-P

6 TRASH RECEPTACLE (TYP.)
C703-P

SHADE STRUCTURE - BY OTHERS

MSE RETAINING WALL WITH FENCE
C705-P

8' WIDE CONCRETE SIDEWALK
4A C700-P

BENCH TYPE 'A' 3 PLACES (TYP.)
C703-P

END OF 4' FENCE START OF 6' FENCE

**SINGLETON PARK
5220 SINGLETON ROAD
NORCROSS**

WARNING:
Contractors, subcontractors, vendors and suppliers are advised that the contract documents consist of Design Professional-reproduced printed, bound, and numbered specifications, Design Professional-reproduced printed, bound and numbered blue or black line prints, addenda, post-bid addenda, and change orders only. Documents reproduced by parties other than Design Professional, whether in hard copy or electronic format shall not be considered part of contract documents and do not supersede the provisions of the contract documents. The contractor, subcontractor, vendors, and suppliers are solely responsible for verification that information utilized in bidding, development of shop drawings and construction of facility are identical to contract documents.

