AUBURN
ALABAMA

Project Manual

Lake Wilmore Maintenance Barn

Project Manager: Holland Daniel , 334.501.3014

City of Auburn
Engineering Services
161 North Ross Street
Auburn, Alabama 36830

LAKE WILMORE MAINTENANCE BARN

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CITY OF AUBURN STANDARD SPECIFICATIONS

Please go to https://www.auburnalabama.org/engineering-services/standard-specifications/ for the City of Auburn Standard Specifications.

AUBURN

August 27, 2026

INVITATION TO BID

Please note, the City of Auburn is updating its online bid notification system to better communicate with those interested in bidding on City Projects. To receive notifications bidders need to register in the City's Vendor Self Service (VSS) System.

Those already registered in VSS will need to add their NIGP commodity codes. Previously entered codes were removed from all vendor records in VSS during the system update. Please note, NIGP commodity codes are required for vendors to receive bid notifications.

There will be a pre-bid meeting held at 10:00 a.m., local time, on Wednesday, September 9, 2026, in the Engineering Ramsey Conference Room. Sealed bids will be received by the City of Auburn, Alabama, until 2:00 p.m., local time, on Thursday, September 17, 2026, in the Office of the City Manager, 144 Tichenor Avenue, and then be publicly opened and read at the City Meeting Room, 122-B Tichenor Avenue, for furnishing all labor, materials and equipment necessary for the completion of the following project:

LAKE WILMORE MAINTENANCE BARN

This project will provide a new gravel driveway, curb, and gutter from Grove Hill Road to a new gravel pad and concrete slab for a wood framed pole barn structure with prefabricated steel trusses. The pole barn structure will house field and lawn care equipment for City of Auburn's Lake Wilmore Park Fields and Facilities.

Plans, specifications, and contract documents are available for viewing, free of charge, at www.auburnalabama.org/bids. Plans and specifications may be obtained by prime contractor bidders electronically at no charge via email by request. Please email hdaniel@auburnal.gov for information on obtaining these plans and specifications. Please contact **Holland Daniel**, Project Manager, 334-501-3014 for additional project information. All pre-bid RFIs must be submitted to hdaniel@auburnal.gov with bbasquin@fg-inc.net and kmayton@356ai.com copied on the correspondence by Friday, September 11, 2026, in order to be considered valid.

Guarantee will be required with each bid as follows: At least five percent (not to exceed $10,000) of the amount bid in the form of a certified or cashier's check or bid bond payable to the City of Auburn, Alabama.

Your attention in particular is invited to the section entitled "Instructions to Bidders", which is to be followed in all respects. The City reserves the right to select the lowest responsible bidder as the best interest of the City may require, to award the purchase contract from any of the bids, to reject any and all bids, and to waive any informalities in bids received. Bids will be good for thirty (30) days after being opened by the City of Auburn, Alabama.

Failure to complete the project (all pay items) within one hundred twenty **(120)** consecutive calendar days after the date specified in the Notice to Proceed may result in the assessment of liquidated damages in the amount of $1,850 per calendar day for each day the contract remains incomplete.

All bidders are required to be compliant with the Beason-Hammon Alabama Taxpayer and Citizen Protection Act, Act No. 2011-535 (Code of Alabama (1975) § 31-13-9) as amended May 16, 2012 regarding employment practices. Documentation of enrollment in E-Verify should be included with the bid and will be required as a condition for the award of any contract. All bidders are advised that the award of the contract is conditioned on the bidder not knowingly employing, hiring for employment or continuing to employ an unauthorized alien within the State of Alabama. The awarded contract will contain a provision whereby the bidder pledges not to violate federal immigration law.

Legislative Act 2016-312 (the "Act") prohibits the City from entering into contracts with any business entity that is actively engaged in or plans to engage in the boycott of a person or an entity based in or doing business with a jurisdiction with which the State can enjoy open trade; unless such business entity provides the goods or services for at least 20 percent (20%) less than the lowest business entity in compliance with the Act. All bidders understand and agree that in the awarded contract, the lowest responsive bidder must either certify that it is in compliance with the Act and agree that it will not violate the act during the term of the contract; or agree to offer the goods or services for at least 20 percent (20%) less than the lowest business entity certifying compliance with the Act.

Bids must be submitted upon the standard forms furnished by the City of Auburn, Alabama. No bids may be withdrawn for a period of thirty (30) days after the scheduled closing time for the receipt of bids. A sealed envelope containing the original proposal and one (1) copy must be delivered or mailed to:

Purchasing Officer, City of Auburn
144 Tichenor Avenue
Auburn, Alabama 36830

The envelope should be plainly marked on the outside as follows:

BID: LAKE WILMORE MAINTENANCE BARN
OPENING: 2:00 P.M., LOCAL TIME

DATE: THURSDAY, SEPTEMBER 17, 2026
STATE LICENSE NO. _____

Documentation of the issuance of a State contractor's license as required under Title 34, Chapter 8 of the Code of Alabama, 1975, shall be included with the bid proposal and shall be required as a requirement of the award of the contract. State license number and expiration date should be clearly and plainly marked on the outside of the bid proposal envelope.

The successful bidder is responsible for acquiring the appropriate business licenses and permits to conduct work with the City of Auburn. In addition to the business license and permit requirements, the bidder is required to remit all applicable sales and use tax, occupational license fees, and contractors/subcontractors license fee in accordance with City ordinances and codes. In accordance with Section 39-3-5 of Sate Code, any non-Alabama bidders must submit a written opinion from an attorney stating the amount and criteria, if any, of local preference granted by law to non-resident businesses in his state of residence. Questions regarding business license and applicable taxes may be directed to the Revenue Office at (334) 501-7239.

Award of the contract, if to be awarded, will be made within thirty (30) calendar days after opening of bids and will be to the lowest responsible bidder whose proposal complies with the requirements of the Invitation to Bid. Should no award be made within the thirty (30) days, all proposals will be rejected unless the successful bidder agrees in writing to a stipulated extension in the time limit for award. The successful bidder will be notified by letter, mailed to the address shown on his proposal, that his bid has been accepted and that he has been awarded the contract.

The City of Auburn believes fully in equal opportunity in the provision of supplies, equipment, construction and services. Positive steps should be taken to assure small businesses, minority businesses and women-owned businesses are given opportunities to provide the above-mentioned services or materials when economically feasible. In the case of construction projects, the City of Auburn shall rely on individuals or firms seeking to do business with the City of Auburn to ensure that such above-mentioned businesses are given ample opportunity to participate on a sub-contractual basis.

The contractor agrees in all events to use materials, supplies and products manufactured, mined, processed or otherwise produced in the United States or its territories if the same are available at reasonable prices. If the contractor determines that said items are not available at a reasonable price, the contractor must first contact the City of Auburn and obtain approval for the use of other materials, supplies and products. In the event the contractor breaches the agreement to use domestic products, and domestic products are not used, there shall be a downward adjustment in the contract price equal to any realized savings or benefits to the contractor.

Please note that the City of Auburn has a mandatory Partial Payment Request form that must be completed and submitted by the contractor before payment is considered. A copy of the required form is included in the "Information to Bidders". Payments are mailed on each Friday of the

month. Pay requests must be reviewed and approved by the appropriate City representative (architect, if applicable, inspector, project manager and department head) and received by Accounts Payable at least seven (7) days prior to the scheduled mailing date. The City of Auburn will process only one invoice per month for partial payment to the contractor. If you have any questions concerning billing, contact our accounts payable office at 334.501.7237 or 334.501.7238.

The Contractor will be required to provide certificates of insurance showing that it carries, or has in force, automobile liability insurance, general liability insurance and workers' compensation insurance. Limits of liability for automobile liability insurance shall be, at a minimum, $1,000,000.00 combined single limit. Limits of liability for general liability insurance shall be, at a minimum, $1,000,000.00 per occurrence, $1,000,000.00 personal and advertising injury, $1,000,000.00 general aggregate and $1,000,000.00 products/completed operations aggregate. General liability insurance will include coverage for contractually assumed liability and explosion, collapse and underground hazards (X,C,&U). If any of the liability insurance coverages are on a claims-made basis, the Contractor will maintain coverage in force for a period of two (2) years following completion of the work specified in the agreement at the limits specified in this paragraph. Workers' compensation insurance shall provide statutory workers' compensation coverage and employers' liability coverage with limits of, at a minimum, $500,000.00 each accident, $500,000.00 disease- each employee and, $500,000.00 disease – policy limit. The Contractor will be responsible for the payment of any deductibles or self-insured retentions. The Contractor's insurance is primary. If the Contractor carries higher coverage limits, the higher coverage limits will apply.

The certificate of insurance shall provide the City of Auburn, Alabama (City) with thirty (30) days written notice of cancellation of any of the coverage named in said certificate and waivers of subrogation in favor of the City for each of the coverages named on said certificate.

The City will be named as additional insured under the Contractor's general liability insurance and automobile liability insurance policies.

The Contractor shall require certificates of insurance from subcontractors. Subcontractors will carry limits of insurance equal to or greater than those carried by the Contractor. These certificates shall evidence waivers of subrogation in favor of the Contractor and the City, and shall be made available to the City upon request.

At the City's discretion, the Contractor may be required to have in force builder's risk coverage and/or higher liability limits than that mentioned above and/or broader coverage than normally carried by the Contractor.

The Contractor agrees to indemnify, hold harmless, and defend the City, its officials, representatives, agents, servants, and employees from and against any and all claims, actions, lawsuits, damages, judgments, liability and expense, including attorneys' fees and litigation expenses, in whole or in part arising out of, connected with, or in any way associated with the activities of the Contractor, its employees, or its sub-contractors in connection with the work to

be performed under this contract. This obligation survives the payment of any losses by the Contractor's insurance company.

Legal action arising from the performance of this contract will be filed in the Circuit Court of Lee County, Alabama located in Opelika, Alabama or the Federal District Court for the Middle District of Alabama – Eastern Division located in Opelika, Alabama. The contract will be interpreted according to the laws of the State of Alabama.

Questions concerning insurance coverage may be directed to the Risk Manager, McCarthy Autry at 334.501.7243.

CITY OF AUBURN, ALABAMA

Skylar Burgin
Purchasing Officer

FOR SPECIFIC INFORMATION CONCERNING THIS PROJECT, PLEASE CONTACT **HOLLAND DANIEL** AT 334.501.3014.

INSTRUCTIONS TO BIDDERS

1. Contract Documents. The "Contract", "Invitation to Bid", the "Instruction to Bidders", the "Proposal", the "Base Bid", the "Special Conditions", the "Measurement and Payment", the "Performance Bond", the "Labor and Material Payment Bond" and the "Project Schedule" make up the "Contract Documents". The Contractor must visit the location of the work and inform itself of all site conditions and make its own estimates of the facilities and difficulties attending the execution of the work.

2. Delivery of Proposals. Envelopes containing proposals must be sealed, addressed as follows, and sent First Class Mail or delivered to the Office of the City Manager, Auburn City Hall, 144 Tichenor Avenue, Suite 5, Auburn, Alabama 36830. The City assumes no responsibility for the delivery of a proposal by mail or otherwise.

The following note must be clearly shown on the face of the envelope:

LAKE WILMORE MAINTENANCE BARN

Bids will be opened on **Thursday, September 17, 2026, at 2:00 p.m. local time.**

3. Omissions and Discrepancies. Should a bidder find ambiguities or discrepancies in, or omissions from, the Drawings or Contract Documents, or should he be in doubt as to their meaning, he must at once notify the Engineer, who may send a written instruction to all bidders.

4. Acceptance or Rejection of Proposals. The City reserves the right to reject any or all Proposals. Without limiting the generality of the foregoing, any Proposal which contains incomplete, obscure or irregular material or information may be rejected; any Proposal which omits a Proposal on any one or more items in the price sheet may be rejected; any Proposal in which unit prices are omitted, or in which unit prices are obviously unbalanced, may be rejected; any Proposal accompanied by an insufficient or irregular Proposal bond, certified or cashier's check may be rejected.

5. Proposal Bond. All Proposals shall be accompanied by a Proposal bond or a certified or cashier's check upon a national or state bank, drawn and make payable to the order of the City of Auburn, Alabama. The Proposal bond or check must be enclosed in the same envelope with the Proposal. The amount of the Proposal bond or check will be at least five percent (5%) of the amount of Proposal **(not to exceed $10,000.00)**. All such Proposal bonds or checks will be returned to the respective bidders within ten **(10)** days after Proposals are opened, except those which the City elects to hold until the successful bidder has executed the Contract. Thereafter all remaining Proposal bonds and checks, including the Proposal bond or check of the successful bidder, will be returned within ten **(10)** days.

6. Acceptance of Proposals and Its Effect. All Proposals shall be Irrevocable for a period of thirty **(30)** days after proposal opening. Within thirty **(30)** days after the opening of the

Proposals, the City of Auburn will act upon them. The acceptance of a proposal will be a notice in writing signed by a duly authorized representative of the City of Auburn, and no other act of the City of Auburn shall constitute the acceptance of a Proposal. The acceptance of a Proposal shall bind the successful bidder to execute and perform the Contract and to be responsible for liquidated damages as provided in Paragraph 8. The rights and obligations provided for in the Contract shall become effective and binding upon the City of Auburn only upon its formal execution by the City of Auburn.

7. Time for Executing Contract and Damages for Failure to Execute. The bidder to whom the award is made shall enter into a written contract on the form included in the proposal, plans, and specifications, furnish a performance bond and payment bond executed by a surety company duly authorized and qualified to make such bonds in the State of Alabama in the amount required in Item 13 and provide evidence of insurance as required by the bid documents within the period specified or, if no period is specified, **within 15 days** after the prescribed forms have been presented to him or her for signature. If extenuating circumstances prevail, the awarding authority may grant an extension in time not exceeding five days for the return of the contract, required bonds and required evidence of insurance. Failure or neglect to do so shall constitute a breach of the agreement effected by the acceptance of the Proposal. The damages to the City for such breach shall include loss from interference with its construction program and other items whose accurate amount will be difficult or impossible to compute. The amount of the Proposal bond or certified or cashier's check accompanying the Proposal of such bidder shall be retained by the City of Auburn, Alabama as liquidated damages for such breach. In the event any bidder whose Proposal shall be accepted shall fail or refuse to execute the Contracts hereinbefore provided, the City Engineer of the City of Auburn may, at his option, determine that such bidder has abandoned the Contract and thereupon the City shall be entitled to liquidated damages as above provided.

8. Determination of Low Bidder. Except where the City exercises the right reserved herein to reject any or all proposals, the Contract will be awarded by the City to the bidder who has submitted the lowest Proposal determined by the sum of the following.

For a Lump Sum Proposal:

Base Proposal;
Algebraic sum of alternatives elected by City after opening of Proposals;
Amount of unit price work based on quantities given in proposal form or estimated by City or Engineer;
Amount of management fees called for in Proposal.

For a Unit Price Proposal:

Sums of unit price work based on quantities given in schedule;
Algebraic sum of alternatives elected by City after opening of Proposals;

Amount of management fees called for in Proposal.

The City reserves the right to accept or not accept any or none of the additive alternates as it determines is within its project budget. If an alternate bid is accepted, the base bid will be modified by that amount. Example: If Additive Alternate No. 1 is accepted by the City, then the total of Additive Alternate No. 1 plus the Base Bid shall be used to determine the apparent low bidder. If no Additive Alternate is accepted by the City, then only the Base Bid shall be used to determine the apparent low bidder.

9. Time for Beginning and Completing the Work. The Contractor shall commence the work within ten (10) consecutive calendar days after the date specified in the Notice to Proceed given to him by the City Engineer, and he shall complete the work within one hundred twenty **(120)** consecutive calendar days after the date specified in the Notice to Proceed. *The Contractor should account for normal rain during the anticipated construction time period. No additional days will be granted for rain within the normal rainfall amount. If necessary, time extensions will be granted for delays above normal rainfall.*

10. Prices. In case of discrepancy between the prices quoted in the Proposal in words and those quoted in figures, the words shall control. The prices are to include the furnishing of all materials, plant, equipment, tools, scaffolds, and all other facilities, and the performance of all labor and services necessary or proper for the completion of the work, except such as may be otherwise expressly provided in the Contract Documents.

11. Interpretations and Addenda. No oral interpretations shall be made to any bidder as to the meaning of any of the Contract Documents, or be effective to modify any of the provisions of the Contract Documents. Every request for an interpretation shall be made in writing, addressed, and forwarded to the City Engineer of the City of Auburn, Alabama. All requests must be submitted at least 48 hours before the date and time of the bid opening. Requests for interpretations will not be accepted after that time.

12. Postponement of Date for Presenting and Opening Proposal. The City reserves the right to postpone the date for presentation and openings of Proposals and will give notice by registered mail of any such postponement to each prospective bidder. Proposals shall be irrevocable for the period of any postponement of openings not to exceed thirty **(30)** days.

13. Bonds. Performance Bond will be required as follows: One hundred percent (100%) of the contract price. Labor and Material Bond will be required as follows: One hundred percent (100%) of the contract price.

14. Liquidated Damages. Time is of essence in this contract. The City will allow one hundred twenty **(120)** consecutive calendar days from the start date established by the written notice to proceed for completion of the project, and the Contractor will be subject to payment of Liquidated Damages in the amount of $1,850 per calendar day for each day the contract remains incomplete (considering additional time which may be allowed the Contractor by the

Engineer for completion of Extra Work) after the time allowed in the contract.

15. Informalities. The City reserves the right to reject any and all Proposals and to waive any informality in the Proposals received.

16. Business Licenses. Successful bidder must have or must purchase all appropriate Auburn City Business Licenses and Permits before beginning work.

17. Fair Labor Standards Act (FLSA). The contractor must abide by the requirements of the Federal Labor Standards Provisions Act.

18. Suppliers and Subcontractors. The low bidder must supply the names and addresses of major material suppliers and subcontractors before the Notice Award.

19. Progress Schedule. Within ten **(10)** days of delivery of the executed agreement by the City to the Contractor, Contractor shall submit to Engineer for approval a progress schedule indicating the starting and completion date of the various stages of the work and a preliminary schedule of shop drawings submissions. In addition, Contractor will submit a plan indicating his requirements for traffic control and pedestrian safety facilities.

20. Federal Immigration Law. By signing this contract, the contracting parties affirm, for the duration of the agreement, that they will not violate federal immigration law or knowingly employ, hire for employment, or continue to employ an unauthorized alien within the State of Alabama. Furthermore, a contracting party found to be in violation of this provision shall be deemed in breach of the agreement and shall be responsible for all damages resulting therefrom.

21. Retainage. In accordance with Alabama State Code Section 39-2-12(c), retainage shall be withheld at a rate of not more than 5% of the estimated amount of work done and the value of materials stored on the site or suitably stored and insured off-site, and after 50% completion has been accomplished no further retainage shall be withheld. The City reserves the right, at the discretion of the City's Project Manager, to retain a portion of the retainage until completion of the one-year warranty period when deemed necessary to ensure satisfactory completion of all warranty obligations.

PROPOSAL

TO: CITY OF AUBURN, ALABAMA

Submitted: _____, 2026.

The undersigned, as Bidder, hereby declares that he has examined the site of the work and informed himself fully in regard to all conditions pertaining to the place where the work is to be done; that he has examined the plans and specifications for the work and contractual documents relative thereto; and has read all Special provisions furnished prior to the opening of bids; that he has satisfied himself relative to the work to be performed.

The Bidder proposes and agrees, if this proposal is accepted, to contract with the City of Auburn, Alabama, in the form of contract specified, to furnish all necessary materials, equipment, machinery, tools, apparatus, means of transportation, and labor necessary to and to complete

LAKE WILMORE MAINTENANCE BARN

in full and complete accordance with the shown, noted, described and reasonably intended requirements of the plans, specifications and contract documents, to the full and entire satisfaction of the City of Auburn, Alabama, with a definite understanding that no money will be allowed for extra work except as set forth in the attached General Conditions and Contract Documents, for the unit prices listed opposite each item in the attached schedule of estimated quantities and bid prices.

It is agreed that the description under each item, being briefly stated, implies, although it does not mention, all incidentals and that the prices stated are intended to cover all such work, materials and incidentals as constitute Bidder's obligations as described in the specifications and any details not specifically mentioned, but evidently included in the contract shall be compensated for in the item which most logically includes it.

The quantities for bid items listed on the proposal sheets are estimated quantities only for the purpose of comparing bids. Any difference between these estimated quantities and actual quantities required for construction shall not be taken as a basis for claims by the Contractor for extra compensation. Compensation will be based on the unit prices and actual construction quantities.

The Bidder further proposes and agrees hereby to commence the work with an adequate force, plant and equipment at the time stated in the notice to the Contractor from the Engineer to proceed and fully complete performance of the base bid work within one hundred twenty **(120)** or less consecutive calendar days from and after the date stated in said notice.

The undersigned further agrees that, in case of failure on his part to execute the said contract and the bonds within ten **(10)** consecutive calendar days after written notice being given of the award of the contract, the check or bid bond in the amount of 5%, (not to exceed $10,000.00) and the monies payable thereon, shall be paid into the funds of the City of Auburn, Alabama as liquidated damages for such failure; otherwise, the check or bid bond accompanying this proposal shall be returned to the undersigned.

Attached hereto is a certified or cashier's check on the _____

or bid bond for the sum of _____ dollars ($_____)
(5% of AMOUNT BID (not to exceed $10,000.00))
made payable to the City of Auburn, Alabama.

Base Bid: _____
(in words)

TOTAL LUMP SUM BID PRICE: $_____

EXCEPTIONS: If "none", so state here: _____
If any exceptions of Owner's specifications are offered, attach full explanations to this bid.

STATED ALLOWANCE AND UNIT PRICES

The following items of work are anticipated during construction of this contract; however the exact quantity of each work item may not be determinable prior to bidding. The Contractor, shall therefore, include in his Lump Sum Base and / or Alternates Bid (as applicable), an allowance for the following items in the quantities indicated: Allowance Unit Prices include all charges for labor, materials and equipment, shoring, layout, supervision (field and home office), general expenses, taxes, insurances, overhead and profit, but not limited to, for accomplishment of the Allowance item(s). Where quantities of same items of work are defined and are quantified in the bid documents, the allowance quantities indicated hereinafter shall be in addition to those which are indicated. (Example: If the site grading plan indicates new and existing grades, the bidder shall compute the quantity of earthwork required and include that quantity of work in the bid the same as if no "allowance quantity were specified. If an additional allowance quantity of earthwork is stipulated, that stipulated allowance quantity of work shall also be included in addition to the quantity computed from the bidders earthwork "takeoff").

The following Unit Prices Quoted are for increases or decreases in the quantities included in the Lump Sum Base and/or Alternate Bids. These Unit Prices include all charges for labor, materials and equipment, fee, layout, supervision (field and home office), general expenses, taxes, insurances, overhead and profit, but not limited to, for accomplishment of the Unit Price item(s).

Clarification Note: The Unit Prices quoted by the Contractor shall apply to increases (additive change orders) and to decreases (deductive change orders). This requirement shall supplement the requirements of the General Conditions, and Instructions to Bidders. Changes in the contract amount which are computed using the Stated Allowances and Unit Prices shall be figured at the same unit price whether additive or deductive.

No.	Item	Allow Qty.	Allow. Unit Price	Total
1.	Removal and Replacement of Unsuitable Soils	450 CY	_____	_____
2.	Mass Rock Excavation	100 CY	_____	_____

ALLOWANCE UNIT PRICE TOTAL: $_____

TOTAL LUMP SUM BASE BID + ALLOW. UNIT PRICE TOTAL: $_____

Removal and Replacement of Unsuitable Soils:
Remove unsuitable soils or rock from below the established cut line, properly dispose of removed soils off-site, and replace with off-site or on-site structural fill conforming to project specifications and placed and compacted to specified requirements. The City's testing firm must be present to quantify all of this in order to be paid.

Mass Rock Excavation:
Include removal of _ cubic yards of mass rock, proper disposal, and replacement with suitable material from off-site. Remove mass rock from below the established cut line, properly dispose of removed materials off-site, and replace with off-site material conforming to project specifications and placed and compacted to specified requirements

The undersigned represents that the unit prices listed above are complete as specified in Section 01 2200, Unit Prices, acknowledges that the quantities are not guaranteed, and agrees that payment will be for the actual in-place quantities installed per the plans or as directed by the City. Prices must be entered for all the blanks in the schedule. If there is an error in the calculation for the total amount entered, the bid unit price multiplied by the Estimated Quantity will be the bid amount that is considered included in the Base Bid.

The quantity of unit price items will be verified by the City's representative. Should the total unit price amount included in the Base Bid for these items not be encountered, a change order will be initiated to refund to the City the difference at the bid unit price.

BY:_____

PRINTED NAME _____

TITLE _____

CONTRACTOR _____

ADDRESS: _____

CITY _____

STATE _____

_____
CONTRACTOR'S LICENSE NUMBER

_____
TELEPHONE NUMBER

PROPOSAL BOND

KNOW ALL MEN BY THESE PRESENTS, that we the undersigned, _____ as Principal, and _____ as Surety, are held and firmly bound to the City of Auburn, Alabama hereinafter called "Obligee" or "City" in the penal sum of _____ _____ Dollars ($_____) for the payment of which we hereby jointly and severally bind ourselves, successors and assigns. Signed this the _____ day of _____, 2026.

The Condition of the above obligation is such that whereas the Principal has submitted to the City a certain Proposal, attached hereto and hereby made a part hereof to enter into a Contract in writing, for the:

LAKE WILMORE MAINTENANCE BARN

THEREFORE,

(a) If said Proposal shall be rejected, or in the alternative,

(b) If said Proposal shall be accepted and the Principal shall execute and deliver the Contract attached hereto (properly completed in accordance with said Proposal) and shall furnish a bond for his faithful performance of said Contract, and for the payment of all persons performing labor or furnishing materials in connection therewith, and shall appear in all other respects perform the agreement created by the acceptance of said Proposal,

then this obligation shall be void, otherwise the same shall remain in force and effect; it being expressly understood and agreed that the liability of the Surety for any and all claims hereunder shall in no event, exceed the penal amount of this obligation as herein stated.

The Surety, for value received, hereby stipulates and agrees that the obligations of said Surety and its bond shall in no way impaired or affected by an extension of the time within which the City may accept such Proposal; and said Surety does hereby waive notice of any such extension.

IN WITNESS WHEREOF, the Principal and Surety have hereunto set their hands and seals, and such of them as are corporations have caused their corporate seals to be hereto affixed and these presents to be signed by their proper officers, the day and year first set forth above.

_____
PRINTED NAME OF CONTRACTOR

_____
PRINTED NAME OF PRINCIPAL

SEAL

BY: _____

ITS: _____

_____
SURETY

SEAL

BY: _____

ITS: _____

IMPORTANT: Surety companies executing bonds must appear on the Treasury Department's most current list (Circular 570 as amended) and be authorized to transact business in the state where the project is located.

City of Auburn

CONSTRUCTION CONTRACT

THIS AGREEMENT made and entered into this _____ day of _____20_____, by and between _____ hereinafter called the CONTRACTOR and the City of Auburn, Alabama, hereinafter called the CITY;

WITNESSETH: That for and in consideration of the payments and agreements hereinafter mentioned:

1. The CONTRACTOR will commence and complete the WORK as defined in the Contract Documents (defined in Section 4 hereof). The WORK is generally described as follows:

   This project will provide a new gravel driveway, curb, and gutter from Grove Hill Road to a new gravel pad and concrete slab for a wood framed pole barn structure with prefabricated steel trusses. The pole barn structure will house field and lawn care equipment for City of Auburn's Lake Wilmore Park Fields and Facilities.

2. The PROJECT, of which the WORK under the Contract Documents is a part, is generally described as follows **LAKE WILMORE MAINTENANCE BARN** (the "PROJECT").
3. The CONTRACTOR will furnish all of the material, supplies, tools, equipment, labor and other services necessary for the construction and completion of the PROJECT described herein. Prior to commencing work, the CONTRACTOR shall have obtained a City of Auburn Business License, all required insurance and any required permits. If the CONTRACTOR does not obtain the required Business License, the CITY may withhold payment to CONTRACTOR until the Business License is obtained.

4. All time limits for milestones, if any, substantial completion, and completion and readiness for final payments as stated in the Contract Documents are of the essence.

   The CONTRACTOR will commence the work required by the PROPOSAL from the date of the NOTICE TO PROCEED and will complete the same within **one hundred twenty (120) consecutive calendar days**, unless the period for completion is extended otherwise by the CITY.

   The CONTRACTOR shall only take instructions from the person or persons who are authorized in writing by the CITY to give the same.

   If the CONTRACTOR is delayed at any time in the progress of the work by labor disputes, fire, adverse weather conditions not reasonably anticipated, unavoidable casualties, or any other causes beyond the CONTRACTOR's control and without the fault or negligence of CONTRACTOR, the CONTRACTOR shall prepare and submit to the CITY within five (5)

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calendar days of the occurrence a written report of its assessment of the occurrence and any proposed amendment to the Term. The CONTRACTOR shall proceed with due diligence to alleviate any such delay and shall continue in the performance of its obligations hereunder. The CITY may determine, in its sole discretion, after the receipt of such notice of delay from the CONTRACTOR, whether to terminate this Agreement in accordance with Article 10 hereof or extend the Term by Change Order for such time as the CITY may determine.

5. The Contract Documents consist of:

    1. This Contract Document
    2. Appendix A – Invitation to Bid
    3. Appendix B – Instructions to Bidders
    4. Appendix C – Proposal/Base Bid
    6. Appendix F – Performance Bond
    7. Appendix G – Labor and Material Payment Bond
    8. Appendix H – Project Schedule

    The intent of the Contract Documents is to include all items necessary for the execution and completion of the Work. The Contract Documents are complementary, and what is required by anyone shall be deemed to be required by all. In the event of any conflict between the terms of this Agreement and the other Contract Documents, the terms of this Agreement shall control.

6. In order to induce CITY to enter into this Contract, CONTRACTOR makes the following representations:
    A. CONTRACTOR has examined and carefully studied the Contract Documents, and any data and reference items identified in the contract Documents.
    B. CONTRACTOR has visited the Site and become familiar with and is satisfied as to the general, local, and site conditions that may affect cost, progress, and performance of the Work.
    C. Contractor is familiar with and is satisfied as to all Laws and Regulations that may affect cost, progress, and performance of the Work.
    D. The Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.

7. The CONTRACTOR shall be compensated for satisfactory completion of the Work in compliance with the Contract Documents in the Contract Sum of _____ Dollars ($_____). The CONTRACTOR shall submit Applications for Payment in accordance with Section 01 2900 of the Special Provisions and City of Auburn Finance Department policies and procedures.

DRAFT

The CITY will pay the CONTRACTOR in the manner and at such times as set forth in the Contract Documents.

8. If the CONTRACTOR is of the opinion that any services requested hereunder are beyond the scope of the Work as provided in the Contract Documents, the CONTRACTOR shall promptly notify the CITY in writing of such opinion and the reasons for the same, with specific references to the Contract Documents.

9. No additional services beyond the scope of the Work as provided in the Contract Documents shall be performed by the CONTRACTOR unless the CITY shall, in writing, have specifically directed such services to be performed, and a Change Order (hereafter defined) shall have been signed by the CITY and the CONTRACTOR. In the event of noncompliance with the foregoing, the CONTRACTOR shall neither have nor make any claim for additional compensation by reason of a claim for additional services.

10. The term "**Change Order**" as used herein is a written order to the CONTRACTOR, issued and signed by the CITY after execution of this Agreement, authorizing a change in the Work. Unless the CONTRACTOR requests a modification in such Change Order, the CONTRACTOR shall sign the Change Order and return a copy thereof to the CITY within ten (10) business days after it has received the same. The CONTRACTOR shall have ten (10) business days from its receipt of a Change Order within which to request a modification thereto. Failure of CONTRACTOR to respond to a Change Order within such ten (10) day period shall be deemed to signify CONTRACTOR's acceptance of such Change Order as if CONTRACTOR had signed the same without modification. If CONTRACTOR requests a modification of a Change Order, the CITY shall have ten (10) business days from receipt of such request to accept such modification in writing. If not so accepted, such request is deemed to be rejected.

11. The CONTRACTOR and the CITY recognize that time is of the essence as stated in Section 4 above and that CITY will suffer financial and other losses if the WORK is not completed and milestones, if any, are not achieved within the times specified in the Contract Documents, plus any extensions thereof allowed in accordance with the Agreement. The parties also recognize the delays, expense and difficulties involved in proving in a legal or arbitration proceeding the actual loss suffered by CITY if the WORK is not completed on time.

    Accordingly, instead of requiring any such proof, the CONTRACTOR and the CITY agree that as liquidated damages for delay (but not as a penalty), CONTRACTOR shall pay CITY the amount of **One Thousand Eight Hundred Fifty dollars ($1,850.00)** per day for each Day occurring after the expiration of the Contract Time until CONTRACTOR achieves Substantial Completion of the PROJECT.

12. This Agreement is binding upon all parties hereto and their respective heirs, executors,

DRAFT

administrators, successors, and assigns.

13. The CONTRACTOR is required to provide certificates of insurance showing that it carries, or has in force, automobile liability insurance, general liability insurance, and workers' compensation insurance. Limits of liability for automobile liability insurance shall be, at a minimum, $1,000,000.00 combined single limit. Limits of liability for general liability insurance shall be, at a minimum, $1,000,000.00 per occurrence, $1,000,000.00 personal and advertising injury, $1,000,000.00 general aggregate and $1,000,000.00 products/completed operations aggregate. General liability insurance will include coverage for contractually assumed liability and explosion, collapse, and underground (X, C & U) hazards. If the general liability insurance coverage is on a claims-made basis, the CONTRACTOR will maintain coverage in force for a period of two (2) years following completion of the work specified in the agreement. Workers' compensation insurance shall provide statutory workers' compensation coverage and employers' liability coverage with limits of, at a minimum, $500,000.00 each accident, $500,000.00 disease- each employee and $500,000.00 accident, $500,000.00 disease – policy limit. The CONTRACTOR will be responsible for the payment of any deductibles or self-insured retentions. The CONTRACTOR'S insurance will be primary. If the CONTRACTOR carries higher coverage limits than those specified above, the higher coverage limits apply.

14. The certificate of insurance will provide the CITY with thirty (30) days' written notice of cancellation of any of the coverages listed on the certificate of insurance. The certificate of insurance will evidence waivers of subrogation in favor of the CITY for the coverages listed on the certificate of insurance.

15. The CITY will be named as additional insureds under the CONTRACTOR'S automobile liability insurance, general liability insurance and umbrella liability insurance coverages. The CITY will be a named insured under the builder's risk insurance coverage.

16. The CONTRACTOR shall require certificates of insurance from subcontractors. Subcontractors will carry limits of insurance equal to or greater than those carried by the CONTRACTOR. These certificates shall evidence waivers of subrogation in favor of the CONTRACTOR and the CITY, and shall be made available to the City before the Letter of Notice to Proceed being given.

17. The CONTRACTOR agrees to advise fully all of its employees and others working for CONTRACTOR concerning environmental, safety and health procedures required by applicable state and federal law, regulation or order or required by the CITY; and to take the necessary steps to assure that such procedures are complied with.

18. The CONTRACTOR agrees to indemnify, hold harmless, and defend the CITY, its officials, representatives, agents, servants, and employees from and against any and all claims, actions, lawsuits, damages, judgments, liability and expense, including attorney's fees and

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litigation expenses, in whole or in part arising out of, connected with, or in any way associated with the activities of the CONTRACTOR, its employees, or its sub-contractors in connection with the work to be performed under this contract. This obligation survives the payment of any loss by the CONTRACTOR'S insurance carrier.

19. The CONTRACTOR is required to be compliant with the Beason-Hammon Alabama Taxpayer and Citizen Protection Act, Act No. 2011-535 (Code of Alabama (1975) § 31-13-9) as amended May 16, 2012 regarding employment practices. Documentation of enrollment in E-Verify must be included with the contract.

    By signing this Agreement, the CONTRACTOR affirms, for the duration for the Agreement, that they will not violate federal immigration law, or knowingly employ, hire for employment, or continue to employ an unauthorized alien within the State of Alabama. Furthermore, a contracting party found to be in violation of this provision shall be deemed to be in breach of the Agreement and shall be responsible for all damages resulting therefrom.

20. Any subcontractor who works on the PROJECT must agree to comply with the terms of this Agreement and be enrolled in E-Verify. By signing this Agreement, the CONTRACTOR acknowledges understanding of this requirement and represents that the CONTRACTOR has in place a system for assuring compliance.

21. By signing this agreement, the CONTRACTOR hereby attests that it is currently in compliance with Alabama Legislative Act 2016-312 (the "Act"). The CONTRACTOR hereby agrees to maintain compliance with the Act during the term of this Agreement. The CONTRACTOR understands and agrees that should it violate the Act during the term of this agreement, such violation will be an Event of Default, giving the CITY the right to immediately terminate this Agreement and to seek damages, including, but not limited to, consequential, special, indirect damages and liquidated damages.

22. Legal action arising from the performance of this contract will be filed in the Circuit Court of Lee County, Alabama located in Opelika, Alabama or the Federal District Court for the Middle District of Alabama – Eastern Division located in Opelika, Alabama.

23. This Agreement does not, and shall not, be construed to create any partnership or agency whatsoever.

24. Failure to insist upon strict compliance with any provision hereof shall not be deemed a waiver of such provision or any other provision hereof.

25. This Agreement may not be modified except by Change Order or written Amendment executed by the parties hereto.

DRAFT

26. The invalidity or unenforceability of any provision hereof shall not affect the validity or enforceability of any other provision.

27. The CONTRACTOR may not assign this agreement without the written permission of the City.

28. This Agreement shall be binding on the parties hereto and their respective successors, assigns and legal representatives.

DRAFT

IN WITNESS, THEREOF the parties hereto have executed, or caused to be executed by their duly authorized officials, this Agreement in three copies each of which shall be deemed an original on the date first above written.

(SEAL)

ATTEST:

BY: _____

NAME: _____

TITLE: _____

_____
CONTRACTOR

BY: _____

NAME: _____

TITLE: _____

ADDRESS: _____

_____

TELEPHONE: _____

(SEAL)

ATTEST:

BY: _____
ASSISTANT CITY CLERK

THE CITY OF AUBURN, ALABAMA
A Municipal Corporation

BY: _____
ITS CITY MANAGER

DRAFT

PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS: That we, _____hereinafter called the "Principal," and_____, hereinafter called the "Surety," are held and firmly bound unto the City of Auburn, Alabama, herein after called the "Obligee," in the penal sum of _____ Dollars ($_____) for the payment of which we bind ourselves, heirs, executors, administrators, successors, and assigns for the faithful performance of a certain written contract dated the

_____day of _____, 2026, entered into between the Principal and the Obligee for the

LAKE WILMORE MAINTENANCE BARN

a copy of which said contract is incorporated herein by reference and is made a part hereof as if fully copied herein.

NOW, THEREOF, the condition of this obligation is such that the Principal shall faithfully perform the terms and conditions of the contract in all respects on its part, and shall fully pay all obligations incurred in connection with the performance of such contract on account of labor and materials used in connection therewith, and all such other obligations of every form, nature, and character, and shall save harmless the City from all and any liability of every nature, kind and character which may be incurred in connection with the performance or fulfillment of such contract or other such liability resulting from negligence or otherwise on the part of such Principal, and further shall save harmless the City from all cost and damage which may be suffered by reason of the failure to fully and completely perform said contract and shall fully reimburse and repay the City for all expenditures of every kind, character and description which may be incurred by the City in making good any and every default which may exist on the part of the Principal in connection with the performance of said contract; and further that the Principal shall pay all lawful claims of all persons, firms, partnerships, or corporations and shall give them a direct right of action against the Principal and Surety under this obligation; and further that no suit, action, or proceedings by reason of any default whatever shall be brought on this bond within one year after the date on which the final payment on the contract falls due. Any alterations or additions which may be under the contract, or in the work to be done under it, or the giving by the City of any extension of time for the performance of the contract or any other forbearance on the part of either the City or the Principal shall not, in any way release the Principal and Surety, or either of them, their heirs, executors, administrators, successors, or assigns from their liability hereunder. Notice to the Surety of any such alterations, extensions or forbearance is expressly waived. This obligation shall remain in full force and effect until the

performance of all covenants, terms and conditions herein stipulated and after such performance, it shall become null and void.

IN TESTIMONY WHEREOF witness the hands and seals of the parties hereto on this _____ day of _____, 2026.

_____
PRINTED NAME OF CONTRACTOR

WITNESS TO SIGNATURE
OF PRINCIPAL:

_____
PRINTED NAME OF PRINCIPAL

_____

BY_____

_____
TITLE

WITNESS TO SIGNATURE
OF SURETY:

_____
SURETY

_____

BY_____

_____
TITLE

Countersigned:

_____
Resident Agent

_____
Address

_____
Telephone Number

IMPORTANT: **Surety companies executing bonds must appear on the Treasury Department's most current list (Circular 570 as amended) and be authorized to transact business in the state where the project is located.**

LABOR AND MATERIALS PAYMENT BOND

KNOW ALL MEN BY THESE PRESENTS: That we, _____, as Principal, and _____as Surety are held and firmly bound unto the City of Auburn, Alabama, hereinafter called the "Obligee" or "City", in the penal sum of _____ _____ Dollars ($_____) lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, personal representatives, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, said Principal has entered into a certain contract with said Obligee, dated _____, 2026, hereinafter called the "Contract" for the

LAKE WILMORE MAINTENANCE BARN

which Contract and the specifications for said work shall be deemed a part hereof as fully as if set out herein.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH that if said Principal and all Subcontractors to whom any portion of the work provided for in said Contract is sublet and all assignees of said Principal and of such Subcontractors shall promptly make payment to all persons supplying him or them with labor, materials, feed-stuffs or supplies for or in the prosecution of the work provided for in such Contract, or in any amendment or extension of or additions to said Contract, and for the payment of reasonable attorney's fees, incurred by the claimant or claimants in suits or said bond, then the above obligation shall be void; otherwise to remain in full force and effect. PROVIDED, however, that this bond is subject to the following conditions and limitations:

(a) Any person, firm or corporation that has furnished labor, materials, feed-stuffs or supplies for or in the prosecution of the work provided for in said Contract shall have a direct right of action against the Principal and Surety on this bond, which right of action shall be asserted in a proceeding, instituted in the county in which the work provided for in said Contract is to be performed or in any county in which said Principal or Surety does business. Such right of action shall be asserted in a proceedings instituted in the name of the claimant or claimants for his or their use and benefit against said Principal and Surety or either of them (but not later than one year after the final settlement of said Contract) in which action such claim or claims shall be adjudicated and judgment entered thereon.

(b) The Principal and Surety hereby designate and appoint _____ as the agent of each of them to receive and accept service of process or other pleading issued or filed in any proceeding instituted on this bond and hereby consent that such service shall be the same as personal service on the Principal and/or Surety.

(c) The Surety shall not be liable hereunder for damage or compensation recoverable under Workers' Compensation or Employer's Liability Statute.

(d) In no event shall the Surety be liable for a greater sum than the penalty of this bond, or subject to any suit, action or proceedings thereon that is instituted later than one year after the final settlement of said Contract.

(e) This bond is given pursuant to the terms of Act No. 39, General Laws of Alabama, approved February 8, 1935, entitled "An Act to Further Provide for Bonds of Contractors on State and Other Public Works and Suits Thereon."

Executed in three (3) counterparts

SIGNED, SEALED AND DELIVERED THIS _____ day of _____ 2026.

_____
PRINTED NAME OF CONTRACTOR

WITNESS TO SIGNATURE
OF PRINCIPAL:

_____
PRINTED NAME OF PRINCIPAL

_____

BY_____

_____
TITLE

WITNESS TO SIGNATURE
OF SURETY:

_____
SURETY

_____

BY_____

_____
TITLE

Countersigned:

_____
Resident Agent

_____
Address

_____
Telephone Number

IMPORTANT: Surety companies executing bonds must appear on the Treasury Department's most current list (Circular 570 as amended) and be authorized to transact business in the state where the project is located.

SPECIAL CONDITIONS

TRAFFIC CONTROL
The Contractor shall keep Grove Hill Road free of construction vehicles, materials, equipment, and other obstructions at all times to ensure that the public maintains full and unrestricted access to Grove Hill Road.

EVENT LIMITATIONS
The Contractor shall coordinate construction activities with the City when weekend sports tournaments or other scheduled events are occurring on site. The Contractor may be required to adjust, suspend, or reschedule construction activities as necessary to accommodate these events and maintain safe and unobstructed access for participants, spectators, and the public.

GEOMETRIC CONTROLS
The Contractor shall base all surveying and layout for the Work on the established control points provided by the City's survey team. The Contractor shall be responsible for contacting the City's Project Manager at least two (2) weeks prior to the anticipated commencement of work to confirm that the required survey controls have been established and are available for use.

The Contractor shall be responsible for verifying all control points and their suitability for the intended Work prior to beginning construction.

GENERAL CONDITIONS

SUBMITTALS
All product submittals shall be submitted to hdaniel@auburnalabama.gov and kmayton@365ai.com and shall be reviewed and approved by the Architect and the Architect's Engineers, as applicable. The cover of each submittal document shall include a submittal log.

If a product substitution is requested, the Contractor shall submit a fully completed AIA Substitution Request Form. No product substitution shall be considered approved unless and until it has been approved in writing and signed by both the Architect and the City's Project Manager.

TESTS AND INSPECTIONS
Tests, inspections, and approvals of portions of the Work shall be performed as required by the Contract Documents and applicable laws, statutes, ordinances, codes, rules, regulations, and lawful orders of public authorities.

The City shall retain an appropriate testing and inspection firm to perform testing and inspections required by the Contract Documents. The Contractor shall be responsible for coordinating and scheduling all required tests and inspections directly with the testing and inspection firm retained by the City and shall provide sufficient notice to allow the required testing and inspections to be performed.

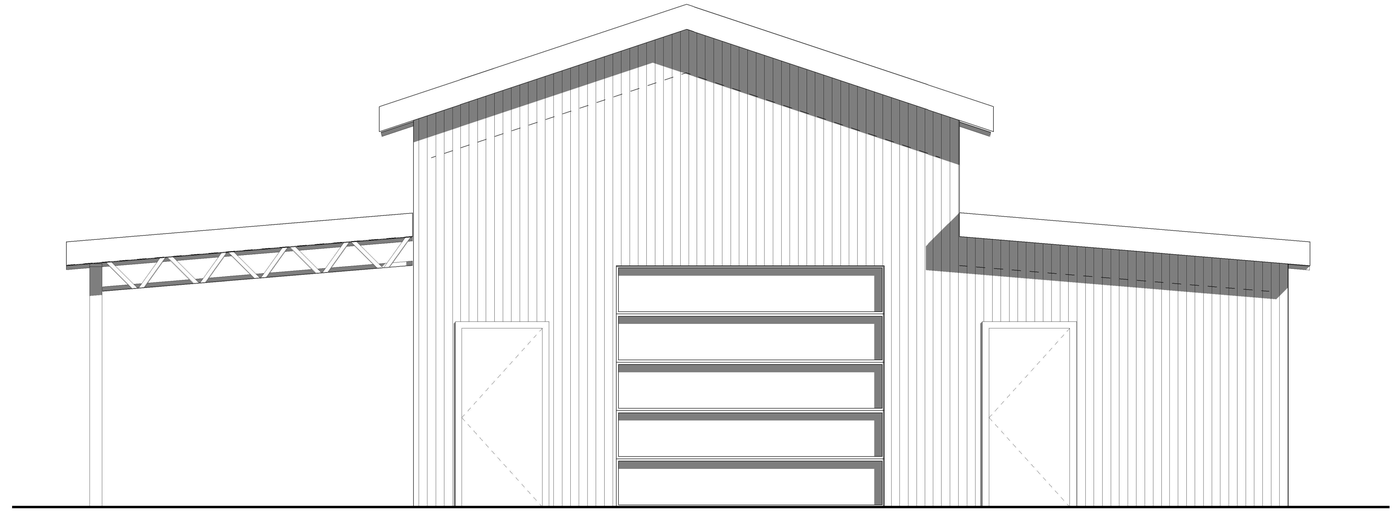
If any test, inspection, or approval reveals that any portion of the Work fails to comply with the requirements of the Contract Documents, the Contractor shall be responsible for all costs resulting from such failure, including, but not limited to, costs associated with corrective work, additional testing, re-inspection, and repeated testing or inspection procedures.

The City shall not be responsible for costs incurred as a result of failed tests or inspections. Any such costs charged to or paid by the City shall be deducted from the Contractor's next payment application or otherwise reimbursed to the City by the Contractor.

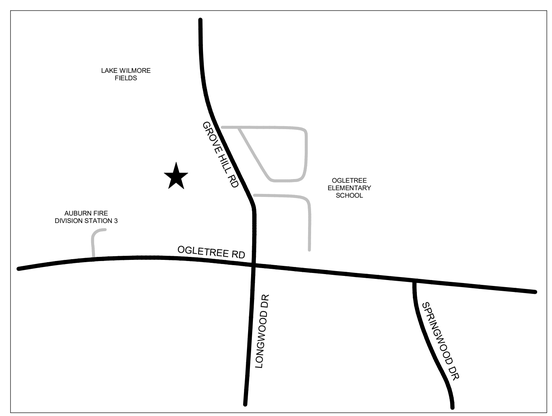
PROGRESS MEETINGS

Progress meetings shall be held on site every other week, or more frequently as determined necessary by the City's Project Manager. The Contractor shall provide an updated construction schedule at each progress meeting, reflecting the current status of the Work, progress achieved, and anticipated activities.

SHEET INDEX		
SHEET NO.	SHEET NAME	Current Revision
00_PROJECT INFORMATION		
0-0	COVER PAGE	
G-0	CIVIL COVER PAGE	
G-0.1	GENERAL CIVIL SPECS	
V-1	SURVEY	
01_CIVIL		
C-1	SITE, PAVING, & UTILITY PLAN	
C-2	GRADING & DRAINAGE PLAN	
C-3	INITIAL EROSION & SEDIMENT CONTROL PLAN	
C-3.1	FINAL EROSION & SEDIMENT CONTROL PLAN	
C-3.2	CBMPP NOTES	
C-4	PAVING & CONSTRUCTION DETAILS	
C-5	CITY OF AUBURN STREET DETAILS	
C-6	CITY OF AUBURN WATER DETAILS	
C-7	CITY OF AUBURN STORM DETAILS	
C-8	CITY OF AUBURN EROSION DETAILS	
C-8.1	EROSION CONTROL DETAILS	
02_STRUCTURAL		
S-1.0	GENERAL NOTES, TYPICAL DETAILS, AND SCHEDULES	
S-2.0	FLOOR AND FOUNDATION PLAN	
S-2.1	SCHEMATIC ROOF FRAMING PLAN	
S-3.0	FOUNDATION AND FRAMING SECTIONS AND DETAILS	
03_ARCHITECTURAL		
A-1.0	FLOOR PLAN	
A-2.0	EXTERIOR ELEVATIONS	
A-3.0	ROOF PLAN	
A-4.0	REFLECTED CEILING PLAN	
A-5.0	WALL SECTIONS	
05_PLUMBING		
P-0.1	SCHEDULES, FLOOR PLAN, SPECS., DETAILS & LEGEND - PLUMBING	
06_ELECTRICAL		
E000	ELECTRICAL NOTES, SPECS. & LEGEND	
E001	ELECTRICAL SITE PLAN- PLAN - POWER	
E100	ELECTRICAL FLOOR PLAN - POWER	
E200	ELECTRICAL FLOOR PLAN -LIGHTING	
E500	ELECTRICAL RISER DIAGRAM AND SCHEDULES	



VICINITY MAP:



NOTE: REFERENCE FULL BID DOCUMENTS FOR THE FOLLOWING ADD ALTERNATES TO INCLUDE IN BID:

ADD ALTERNATE 01:
180 DEGREE CAMERAS INSTALLED BELOW GABLE RIDGE. REF. ELECTRICAL AND ARCHITECTURAL DRAWINGS.

TELEPHONE SERVICE AND CATV SERVICE - REF. ELECTRICAL DRAWINGS.

ADD ALTERNATE 02:
PROVIDE A 1" DOMESTIC WATER METER AND 1-1/2"
DOMESTIC WATER SERVICE IN LIEU OF THE BASE BID SIZING. REF. PLUMBING AND CIVIL DRAWINGS.

ADD ALTERNATE 03:
SWIPE CARD ACCESS AT DOOR 03. REF. ELECTRICAL AND ARCHITECTURAL DRAWINGS.

PROJECT CODE SUMMARY

CODES:
2021 INTERNATIONAL BUILDING CODE
2021 INTERNATIONAL PLUMBING CODE
2021 INTERNATIONAL MECHANICAL CODE
2021 INTERNATIONAL FIRE CODE
2020 NATIONAL ELECTRIC CODE
2015 INTERNATIONAL ENERGY CONSERVATION CODE
ICC A117.1-2017 STANDARDS FOR ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES

CODE APPROACH:
THE BUILDING IS BARN STRUCTURE/AGRICULTURAL BUILDING FOR STORAGE OF FIELD AND LAWN CARE EQUIPMENT

OCCUPANCY PRESENT:
UTILITY: U

CONSTRUCTION TYPE (IBC 2021):
TYPE V-B, NON-SPRINKLERED

FIRE RESISTANCE RATING REQUIREMENTS (IBC TABLE 601):
STRUCTURAL FRAME: 0 HOURS
EXTERIOR BEARING WALLS: 0 HOURS
NON-BEARING WALLS AND PARTITIONS (EXTERIOR): 0 HOURS
NON-BEARING WALLS AND PARTITIONS (INTERIOR): 0 HOURS
FLOOR CONSTRUCTION: 0 HOURS
ROOF CONSTRUCTION: 0 HOURS

REQUIRED MEANS OF EGRESS CALUCULATIONS:
GROSS BUILDING AREA OF BARN - 2,671 S.F.

LAKE WILMORE EQUIPMENT BARN

709 OGLETREE RD.
AUBURN, AL 36830

100% BID DOCUMENT SET 08/24/2026

STATE OF ALABAMA
KENDRA L. MAYTON
8821
8/24/26
REGISTERED ARCHITECT

356 ARCHITECTURE + INTERIORS
356 ARCHITECTURE + INTERIORS LLC
KMAYTON@356AI.COM | 865.603.4071

SITE DEVELOPMENT PLANS FOR:

LAKE WILMORE MAINTENANCE BUILDING

709 OGLETREE ROAD
AUBURN, LEE COUNTY, AL 36830
SECTION 8, TOWNSHIP 18 N, RANGE 26 E, ZONED: R (RURAL DISTRICT)

SHEET INDEX

G-0	COVER
G-0.1	GENERAL CIVIL SPECS
V-1	SURVEY
C-1	SITE, PAVING, & UTILITY PLAN
C-2	GRADING & DRAINAGE PLAN
C-3	INITIAL EROSION & SEDIMENT CONTROL PLAN
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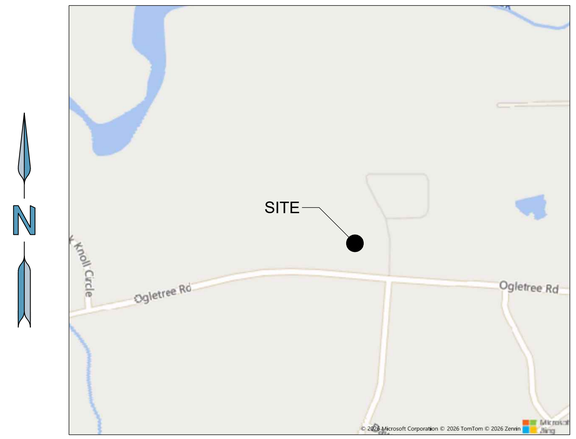
C-7	CITY OF AUBURN STORM DETAILS
C-8	CITY OF AUBURN EROSION DETAILS
C-8.1	EROSION CONTROL DETAILS



VICINITY MAP
NOT TO SCALE

SITE DISTURBED AREA = 0.94 AC.
THE SITE IS DISTURBING LESS THAN 1.0 ACRE THEREFORE AN ADEM NPDES PERMIT IS NOT REQUIRED.
THE SITE IS LOCATED ON THE SAME OVERALL PARCEL AS THE FEMA 100 YEAR FLOOD PLAN THEREFORE THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE REQUIRED FEMA ELEVATION CERTIFICATES AS REQUIRED BY THE CITY OF AUBURN INSPECTION SERVICES FOR BUILDING PERMIT RELEASE.
NO MATERIAL DELIVERIES OR CONSTRUCTION VEHICLES SHALL ENTER OR EXIT THE PROJECT SITE BETWEEN 7:00 AM AND 8:15 AM AND BETWEEN 2:15 PM AND 3:45 PM ON DAYS WHEN SCHOOL IS IN SESSION, UNLESS OTHERWISE APPROVED BY THE ENGINEER

PROJECT DIRECTORY

OWNER
CITY OF AUBURN
144 TICHENOR AVENUE
AUBURN, AL 36830
HDANIEL@AUBURNALABAMA.ORG
CONTACT: HOLLAND DANIEL

CIVIL ENGINEER

FORESITE GROUP, LLC.
2301 OGLETREE VILLAGE LN, STE 200
AUBURN, AL 36830
(334) 887-6064
CONTACT: BRETT BASQUIN, P.E.

ARCHITECT
356 ARCHITECTURE + INTERIORS
(865) 603-4071
CONTACT: KENDRA MAYTON

SURVEYOR

BASELINE SURVEYING & DESIGN, LLC
2004 YARBROUGH DRIVE, STE A
OPELIKA, AL 36801
(334) 887-3002
CONTACT: LEDGE NETTLES, P.L.S

GEOTECHNICAL ENGINEER

UES PROFESSIONAL SOLUTIONS 18, LLC
PO BOX 241702
MONTGOMERY, AL 36124
(334) 213-5647
CONTACT: JOHN R. BROWNFIELD, P.E.

LOCAL ISSUING AUTHORITY

CITY OF AUBURN ENGINEERING SERVICES
161 N. ROSS ST. SUITE A
AUBURN, AL 36830
(334) 501-7390
CONTACT: DAN CROWDUS

UTILITY PROVIDERS

WATER PROVIDER

AUBURN WATER RESOURCE MANAGEMENT
(334) 501-3064
CONTACT: KRIS BERRY

ELECTRICAL SERVICE PROVIDER
ALABAMA POWER
(334) 502-2324
CONTACT: TJ PEARSON

TELEPHONE SERVICE PROVIDER
AT&T
(334) 275-8073
CONTACT:PATRICK ENGLISH

PREPARED BY:

FORESITE group

Foresite Group, LLC
2301 Ogletree Village Lane,
Suite 200
Auburn, AL 36830

o | 334.887.6064
f | 334.887.6024
w | www.foresitegroup.net

24 HR CONTACT:
BRETT BASQUIN, P.E.
(334) 887-6064

ISSUED:
JULY 1, 2026
2062.004

ENGINEER:

FORESITE group

Foresite Group, LLC
2301 Ogletree Village Lane
Suite 200
Auburn, AL 36830

o | 334.887.6064
f | 334.887.6024
w | www.foresitegroup.net

OWNER:

CITY OF AUBURN
144 TICHENOR AVENUE
AUBURN, AL 36830

CONTACT: HOLLAND DANIEL

PROJECT:

LAKE WILMORE MAINTENANCE BUILDING

709 OGLETREE ROAD
AUBURN, LEE COUNTY, AL 36830
SECTION 8, TOWNSHIP 18 N, RANGE 26 E

SEAL:

ALABAMA LICENSED No. 27893 PROFESSIONAL ENGINEER BRETT C. BASQUIN
8/24/2026

REVISIONS	DATE
60% CIVIL PLANS	07/01/2026
CITY COMMENTS	07/09/2026
CITY COMMENTS	07/16/2026
CITY COMMENTS	08/24/2026

PROJECT MANAGER:	BCB
DRAWING BY:	JMR
JURISDICTION:	AUBURN, AL
DATE:	07/01/2026
SCALE:	AS SHOWN
TITLE:	COVER
SHEET NUMBER:	G-0
COMMENTS:	<NOT RELEASED FOR CONSTRUCTION>
JOB/FILE NUMBER:	2062.004

GENERAL NOTES

A. DESIGN DATA PROVIDED IN ELECTRONIC FORMAT IS FOR INFORMATION PURPOSES ONLY AND SHOULD BE USED AT YOUR OWN RISK, AND IS PROVIDED WITHOUT REPRESENTATIONS AND WARRANTIES. ANY CONFLICT BETWEEN THE INFORMATION REFLECTED ON THE LATEST REVISION OF THE SEALED PLAN SHEETS AND THAT PROVIDED VIA ELECTRONIC FORMAT SHALL BE RESOLVED IN FAVOR OF THE SEALED PLAN SHEETS.
B. UTILITIES: THERE MAY BE ADDITIONAL EXISTING UTILITIES NOT SHOWN ON THESE PLANS. EXISTING UTILITIES ARE SHOWN IN AN APPROXIMATE MANNER ONLY AND THE ENGINEER ASSUMES NO RESPONSIBILITY FOR LOCATIONS SHOWN. FIELD VERIFY THE LOCATION OF ALL EXISTING UTILITIES WITHIN THE LIMITS OF CONSTRUCTION. NOTIFY THE OWNER AND ENGINEER IF DISCREPANCIES ARE FOUND THAT WILL AFFECT THE CONSTRUCTION PROJECT. PROTECT ALL EXISTING UTILITIES.
C. TEMPORARY PROVISIONS: SEQUENCE THE WORK AND PROVIDE TEMPORARY MEASURES AS NEEDED TO MAINTAIN ACCESS TO THE SITE THROUGH ALL ENTRANCES AT ALL TIMES DURING CONSTRUCTION. TEMPORARY PROVISIONS MAY INCLUDE, BUT ARE NOT LIMITED TO: BARRICADES, FLASHING LIGHTS, FLAGMAN, TEMPORARY PAVEMENT, AND DIRECTIONAL SIGNAGE.
D. EQUIPMENT STORAGE: DO NOT PARK EQUIPMENT OR STORE MATERIALS IN STATE, COUNTY, OR CITY RIGHT-OF-WAY.
E. NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BETWEEN THE EXISTING CONDITIONS IN THE FIELD AND THE SURVEY SHOWN ON THE PLANS BEFORE PROCEEDING WITH ANY NEW CONSTRUCTION.
F. OBTAIN ALL REQUIRED CONSTRUCTION RELATED PERMITS, INCLUDING DEMOLITION PERMIT, BEFORE STARTING WORK. RETAIN COPIES OF ALL PERMITS AT THE PROJECT SITE AT ALL TIMES.
G. APPROVAL OF THESE PLANS DOES NOT CONSTITUTE APPROVAL OF ANY LAND DISTURBING ACTIVITIES WITHIN WETLAND AREAS. CONTACT THE APPROPRIATE REGULATORY AGENCY FOR APPROVAL OF ANY WETLAND AREA DISTURBANCE.
H. SIGNS (LOCATION, NUMBER, AND SIZE) ARE NOT APPROVED UNDER THE GENERAL DEVELOPMENT PERMIT. A SEPARATE PERMIT IS REQUIRED FOR ON-SITE SIGNAGE.
I. NO CERTIFICATE OF OCCUPANCY WILL BE ISSUED UNTIL ALL SITE IMPROVEMENTS HAVE BEEN COMPLETED ON THE SITE.
J. COMPLY WITH ALL APPLICABLE STATE, FEDERAL, AND LOCAL BUILDING AND UTILITY INSTALLATION CODES. ALL MATERIALS AND CONSTRUCTION METHODS SHALL BE IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS UNLESS DEPARTMENT OF TRANSPORTATION STANDARDS OR LOCAL MUNICIPAL STANDARDS ARE MORE STRINGENT.
K. DO NOT DEVIATE FROM THESE PLANS AND SPECIFICATIONS WITHOUT PRIOR WRITTEN APPROVAL FROM THE ENGINEER OF RECORD.
L. ARRANGE HIGH INTENSITY LIGHTING TO CONCEAL THE SOURCE OF LIGHT FROM PUBLIC VIEW AND PREVENT INTERFERENCE WITH TRAFFIC.
M. ENSURE CORRECT HORIZONTAL AND VERTICAL ALIGNMENT OF ALL TIES BETWEEN PROPOSED AND EXISTING PAVEMENTS, CURB AND GUTTER, SIDEWALKS, WALLS, AND UTILITIES BEFORE BEGINNING WORK. NOTIFY ENGINEER IF DISCREPANCIES EXIST.

TRAFFIC CONTROL

A. IF DRAWINGS DO NOT INDICATE SITE SPECIFIC TRAFFIC CONTROL MEASURES, CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A TEMPORARY TRAFFIC CONTROL PLAN IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION.
B. ALL TEMPORARY TRAFFIC CONTROL SIGNAGE AND MARKINGS SHALL BE INSTALLED PRIOR TO CONSTRUCTION AND MAINTAINED DURING CONSTRUCTION IN ACCORDANCE WITH THE MUTCD, LATEST EDITION.
C. CONTACT PROPERTY OWNERS TO BE AFFECTED BY CONSTRUCTION AND COORDINATE TEMPORARY DRIVEWAY CLOSURES AND SEQUENCING. MAINTAIN ACCESS FOR ALL PROPERTY OWNERS DURING CONSTRUCTION.
D. CONTROL DUST AS NECESSARY TO PREVENT INTERFERENCE WITH TRAFFIC.
E. INSPECT TRAFFIC CONTROL DEVICES ON A DAILY BASIS TO ENSURE PLACEMENT OF BARRICADES AND FUNCTION OF LIGHTS IS MAINTAINED THROUGHOUT CONSTRUCTION.
F. COORDINATE ALL LANE CLOSURES WITH THE LOCAL JURISDICTION HAVING AUTHORITY.

STRUCTURE & SITE DEMOLITION

A. VERIFY THAT UTILITIES HAVE BEEN DISCONNECTED AND CAPPED BEFORE STARTING DEMOLITION OPERATIONS.
B. VERIFY THAT HAZARDOUS MATERIALS HAVE BEEN REMEDIATED BEFORE PROCEEDING WITH BUILDING DEMOLITION OPERATIONS.
C. ENVIRONMENTAL & GEOTECHNICAL: REVIEW ALL PROJECT ENVIRONMENTAL AND GEOTECHNICAL REPORTS AN BECOME FAMILIAR WITH ALL ISSUES BEFORE DEMOLITION.
D. EXISTING UTILITIES: LOCATE, IDENTIFY, DISCONNECT, AND SEAL OR CAP OFF INDICATED UTILITIES SERVING BUILDINGS AND STRUCTURES TO BE DEMOLISHED.
   1. ARRANGE TO SHUT OFF INDICATED UTILITIES WITH UTILITY COMPANIES.
   2. IF REMOVAL, RELOCATION, OR ABANDONMENT OF UTILITY SERVICES WILL AFFECT ADJACENT OCCUPIED BUILDINGS, THEN PROVIDE TEMPORARY UTILITIES THAT BYPASS BUILDINGS AND STRUCTURES TO BE DEMOLISHED AND THAT MAINTAIN CONTINUITY OF SERVICE TO OTHER BUILDINGS AND STRUCTURES.
   3. DO NOT COMMENCE DEMOLITION OPERATIONS UNTIL TEMPORARY EROSION AND SEDIMENT CONTROL AND PLANT-PROTECTION MEASURES ARE IN PLACE.
   4. OBTAIN THE DEMOLITION PERMIT FROM THE LOCAL AUTHORITY PRIOR TO STARTING DEMOLITION ACTIVITIES.
   5. EXISTING FACILITIES: PROTECT ADJACENT WALKWAYS, LOADING DOCKS, BUILDING ENTRIES, AND OTHER BUILDING FACILITIES DURING DEMOLITION OPERATIONS. MAINTAIN EXITS FROM EXISTING BUILDINGS. PROMPTLY REPAIR ANY FACILITIES DAMAGED BY CONSTRUCTION OPERATIONS TO OWNER'S SATISFACTION AT NO ADDITIONAL COST TO THE OWNER.
   6. EXISTING UTILITIES: MAINTAIN UTILITY SERVICES TO REMAIN AND PROTECT FROM DAMAGE DURING DEMOLITION OPERATIONS.
   7. TEMPORARY PROTECTION: ERECT TEMPORARY PROTECTION, SUCH AS WALKS, FENCES, RAILINGS, CANOPIES, AND COVERED PASSAGEWAYS, WHERE REQUIRED BY AUTHORITIES HAVING JURISDICTION AND AS INDICATED.
   8. REMOVE TEMPORARY BARRIERS AND PROTECTIONS WHERE HAZARDS NO LONGER EXIST. WHERE OPEN EXCAVATIONS OR OTHER HAZARDOUS CONDITIONS REMAIN, LEAVE TEMPORARY BARRIERS AND PROTECTIONS IN PLACE.
   9. REMOVE DEMOLITION WASTE MATERIALS FROM PROJECT SITE AND LEGALLY DISPOSE OF THEM IN AN EPA-APPROVED LANDFILL ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION
   10. DO NOT BURN DEMOLISHED MATERIALS UNLESS SPECIAL WRITTEN PERMISSION IS OBTAINED FROM OWNER AND ENGINEER.
   11. CLEAN ADJACENT STRUCTURES AND IMPROVEMENTS OF DUST, DIRT, AND DEBRIS CAUSED BY BUILDING DEMOLITION OPERATIONS. RETURN ADJACENT AREAS TO CONDITION EXISTING BEFORE BUILDING DEMOLITION OPERATIONS BEGAN

SITE CLEARING

1.) PROJECT CONDITIONS
A. TRAFFIC: MINIMIZE INTERFERENCE WITH ADJOINING ROADS, STREETS, WALKS, AND OTHER ADJACENT OCCUPIED OR USED FACILITIES DURING SITE-CLEARING OPERATIONS.
B. ENVIRONMENTAL & GEOTECHNICAL: REVIEW ALL PROJECT ENVIRONMENTAL AND GEOTECHNICAL REPORTS AND BECOME FAMILIAR WITH ALL ISSUES BEFORE SITE CLEARING.
C. UTILITY LOCATOR SERVICE: NOTIFY UTILITY LOCATOR SERVICE FOR AREA WHERE PROJECT IS LOCATED BEFORE SITE CLEARING.
D. DO NOT COMMENCE SITE CLEARING OPERATIONS UNTIL TEMPORARY EROSION- AND SEDIMENTATION-CONTROL AND PLANT-PROTECTION MEASURES ARE IN PLACE.
2.) TEMPORARY EROSION AND SEDIMENTATION CONTROL
A. PROVIDE TEMPORARY EROSION- AND SEDIMENTATION-CONTROL MEASURES TO PREVENT SOIL EROSION AND DISCHARGE OF SOIL-BEARING WATER RUNOFF OR AIRBORNE DUST TO ADJACENT PROPERTIES AND WALKWAYS, ACCORDING TO EROSION- AND SEDIMENTATION-CONTROL DRAWINGS AND REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION.
B. VERIFY THAT FLOWS OF WATER REDIRECTED FROM CONSTRUCTION AREAS OR GENERATED BY CONSTRUCTION ACTIVITY DO NOT ENTER OR CROSS PROTECTION ZONES.
C. INSPECT, MAINTAIN, AND REPAIR EROSION- AND SEDIMENTATION-CONTROL MEASURES DURING CONSTRUCTION UNTIL PERMANENT VEGETATION HAS BEEN ESTABLISHED.
D. REMOVE EROSION AND SEDIMENTATION CONTROLS WHEN SITE IS STABILIZED AND RESTORE AND STABILIZE AREAS DISTURBED DURING REMOVAL.
3.) TREE AND PLANT PROTECTION
A. REPAIR OR REPLACE TREES, SHRUBS, AND OTHER VEGETATION INDICATED TO REMAIN OR BE RELOCATED THAT ARE DAMAGED BY CONSTRUCTION OPERATIONS, IN A MANNER APPROVED BY ENGINEER.
4.) EXISTING UTILITIES
A. LOCATE, IDENTIFY, DISCONNECT, AND SEAL OR CAP UTILITIES INDICATED TO BE REMOVED OR ABANDONED IN PLACE. ARRANGE WITH UTILITY COMPANIES TO SHUT OFF INDICATED UTILITIES.
B. INTERRUPTING EXISTING UTILITIES: DO NOT INTERRUPT UTILITIES SERVING FACILITIES OCCUPIED BY OWNER OR OTHERS UNLESS PERMITTED UNDER THE FOLLOWING CONDITIONS AND THEN ONLY AFTER ARRANGING TO PROVIDE TEMPORARY UTILITY SERVICES ACCORDING TO REQUIREMENTS INDICATED:
   1. NOTIFY UTILITY OWNER NOT LESS THAN TWO DAYS IN ADVANCE OF PROPOSED UTILITY INTERRUPTIONS.
   2. DO NOT PROCEED WITH UTILITY INTERRUPTIONS WITHOUT UTILITY OWNER'S WRITTEN PERMISSION.
C. POTHOLE EXISTING WATER LINES, UNDERGROUND ELECTRICAL LINES, GAS LINES, UNDERGROUND TELEPHONE LINES, FIBER OPTIC, AND ANY OTHER EXISTING UTILITY LINES WITHIN THE PROJECT LIMITS DURING SITE CLEARING AND DEMOLITION ACTIVITIES. SURVEY THE EXISTING UTILITY ELEVATIONS AND PROVIDE THE SURVEYED FIELD LOCATIONS AND DEPTHS TO THE ENGINEER FOR REVIEW. THESE EXISTING UTILITIES MAY REQUIRE RELOCATION.
5.) CLEARING AND GRUBBING
A. REMOVE OBSTRUCTIONS, CONCRETE, ASPHALT, TREES, SHRUBS, AND OTHER VEGETATION TO PERMIT INSTALLATION OF NEW CONSTRUCTION.
   1. DO NOT REMOVE TREES, SHRUBS, AND OTHER VEGETATION INDICATED TO REMAIN OR TO BE RELOCATED.
   2. GRIND DOWN STUMPS AND REMOVE ROOTS, OBSTRUCTIONS, AND DEBRIS TO A DEPTH OF 12 INCHES BELOW EXPOSED SUBGRADE.
   3. USE ONLY HAND METHODS FOR GRUBBING WITHIN PROTECTION ZONES.
   4. THE SUBGRADE TO REMAIN SHALL BE COMPACTED TO AN EQUAL STANDARD PROCTOR MAXIMUM DRY DENSITY FOLLOWING CLEARING AND GRUBBING ACTIVITIES.
6.) TOPSOIL STRIPPING
A. REMOVE SOD AND GRASS BEFORE STRIPPING TOPSOIL.
B. STRIP TOPSOIL IN A MANNER TO PREVENT INTERMINGLING WITH UNDERLYING SUBSOIL OR OTHER WASTE MATERIALS.
C. STOCKPILE TOPSOIL AWAY FROM EDGE OF EXCAVATIONS WITHOUT INTERMIXING WITH SUBSOIL. GRADE AND SHAPE STOCKPILES TO DRAIN SURFACE WATER. COVER TO PREVENT WINDBLOWN DUST AND EROSION BY WATER.
D. DISPOSE OF SURPLUS TOPSOIL. SURPLUS TOPSOIL IS THAT WHICH EXCEEDS QUANTITY INDICATED TO BE STOCKPILED OR REUSED.

SITE STORM DISTRIBUTION

1.) GENERAL
A. REGULATORY REQUIREMENTS:
   1. COMPLY WITH REQUIREMENTS OF UTILITY COMPANY SUPPLYING WATER. INCLUDE TAPPING OF WATER MAINS AND BACKFLOW PREVENTION.
   2. COMPLY WITH STANDARDS OF AUTHORITIES HAVING JURISDICTION FOR POTABLE-WATER-SERVICE PIPING, INCLUDING MATERIALS, INSTALLATION, TESTING, AND DISINFECTION.
B. PIPING MATERIALS SHALL BEAR LABEL, STAMP, OR OTHER MARKINGS OF SPECIFIED TESTING AGENCY.
C. INTERRUPTION OF EXISTING WATER-DISTRIBUTION SERVICE: NOTIFY OWNER AT LEAST 2 DAYS PRIOR TO INTERRUPTION OF EXISTING WATER SERVICES.
D. COORDINATE WITH UTILITY COMPANY FOR REQUIRED INSPECTIONS AND FOR CONNECTION OF WATER MAIN AND SERVICES BEFORE STARTING CONSTRUCTION.
2.) COPPER TUBE AND FITTINGS
A. SOFT COPPER TUBE: ASTM B 88, TYPE K , WATER TUBE, ANNEALED TEMPER.
B. COPPER, PRESSURE-SEAL FITTINGS:
   1. NPS 2 AND SMALLER: WROUGHT-COPPER FITTING WITH EPDM O-RING SEAL IN EACH END.
   2. NPS 2-1/2 TO NPS 4 : BRONZE FITTING WITH STAINLESS-STEEL GRIP RING AND EPDM O-RING SEAL IN EACH END.
C. BRONZE FLANGES: ASME B16.24, CLASS 150, WITH SOLDER-JOINT END. FURNISH CLASS 300 FLANGES IF REQUIRED TO MATCH PIPING.
D. COPPER UNIONS: MSS SP-123, CAST-COPPER-ALLOY, HEXAGONAL-STOCK BODY WITH BALL-AND-SOCKET, METAL-TO-METAL SEATING SURFACES, AND SOLDER-JOINT OR THREADED ENDS.
3.) DUCTILE-IRON PIPE AND FITTINGS
A. MECHANICAL-JOINT, DUCTILE-IRON PIPE: AWWA C151, WITH MECHANICAL-JOINT BELL AND PLAIN SPIGOT END UNLESS GROOVED OR FLANGED ENDS ARE INDICATED.
   1. MECHANICAL-JOINT, DUCTILE-IRON FITTINGS: AWWA C110, DUCTILE- OR GRAY-IRON STANDARD PATTERN OR AWWA C153, DUCTILE-IRON COMPACT PATTERN.
   2. GLANDS, GASKETS, AND BOLTS: AWWA C111, DUCTILE- OR GRAY-IRON GLANDS, RUBBER GASKETS, AND STEEL BOLTS.
B. PUSH-ON-JOINT, DUCTILE-IRON PIPE: AWWA C151, WITH PUSH-ON-JOINT BELL AND PLAIN SPIGOT END UNLESS GROOVED OR FLANGED ENDS ARE INDICATED.
C. FLANGES: ASME 16.1, CLASS 125, CAST IRON.
4.) PVC PIPE AND FITTINGS
A. PVC, SCHEDULE 40 PIPE: ASTM D 1785, PVC, SCHEDULE 40 SOCKET FITTINGS: ASTM D 2466.
B. PVC, AWWA PIPE: AWWA C900, CLASS 200, WITH BELL END WITH GASKET, AND WITH SPIGOT END.
C. MECHANICAL-JOINT, DUCTILE-IRON FITTINGS: AWWA C110, DUCTILE- OR GRAY-IRON STANDARD PATTERN OR AWWA C153, DUCTILE-IRON COMPACT PATTERN.
5.) GATE VALVES
A. AWWA, CAST-IRON GATE VALVES: NONRISING-STEM, RESILIENT-SEATED GATE VALVES: GRAY- OR DUCTILE-IRON BODY AND BONNET; WITH BRONZE OR GRAY- OR DUCTILE-IRON GATE, RESILIENT SEATS, BRONZE STEM, AND STEM NUT.
   1. STANDARD: AWWA C509.
   2. MINIMUM PRESSURE RATING: 250 PSIG .
   3. END CONNECTIONS: MECHANICAL JOINT.
   4. INTERIOR COATING: COMPLYING WITH AWWA C550.
6.) GATE VALVE ACCESSORIES AND SPECIALTIES
A. TAPPING-SLEEVE ASSEMBLIES: SLEEVE AND VALVE COMPATIBLE WITH DRILLING MACHINE.
   1. STANDARD: MSS SP-60.
   2. TAPPING SLEEVE: CAST- OR DUCTILE-IRON OR STAINLESS-STEEL, TWO-PIECE BOLTED SLEEVE WITH FLANGED OUTLET FOR NEW BRANCH CONNECTION. INCLUDE SLEEVE MATCHING SIZE AND TYPE OF PIPE MATERIAL BEING TAPPED, USING WORDING EQUIVALENT TO "STORM SEWER."
   3. VALVE: AWWA, CAST-IRON, NONRISING-STEM, RESILIENT-SEATED GATE VALVE WITH ONE RAISED FACE FLANGE MATING TAPPING-SLEEVE FLANGE.
B. VALVE BOXES: COMPLY WITH AWWA M44 FOR CAST-IRON VALVE BOXES. INCLUDE TOP SECTION, ADJUSTABLE EXTENSION OF LENGTH REQUIRED FOR DEPTH OF BURIAL OF VALVE, PLUG WITH LETTERING "WATER," AND BOTTOM SECTION WITH BASE THAT FITS OVER VALVE AND WITH A BARREL APPROXIMATELY 5 INCHES IN DIAMETER.
7.) BACKFLOW PREVENTERS
A. DOUBLE-CHECK, DETECTOR-ASSEMBLY BACKFLOW PREVENTERS:
   1. STANDARDS: ASSE 1048 AND UL LISTED OR FMG APPROVED.
   2. OPERATION: CONTINUOUS-PRESSURE APPLICATIONS.
   3. PRESSURE LOSS: 5 PSIG MAXIMUM, THROUGH MIDDLE 1/3 OF FLOW RANGE.
   4. BODY: CAST IRON WITH INTERIOR LINING COMPLYING WITH AWWA C550 OR THAT IS FDA APPROVED.
   5. END CONNECTIONS: FLANGED.
   6. CONFIGURATION: DESIGNED FOR HORIZONTAL, STRAIGHT THROUGH FLOW.
8.) WATER METERS AND BOXES
A. DESCRIPTION: CAST-IRON BODY AND COVER FOR DISC-TYPE WATER METER, WITH LETTERING "WATER METER" IN COVER; AND WITH SLOTTED, OPEN-BOTTOM BASE SECTION OF LENGTH TO FIT OVER SERVICE METER.
9.) CONCRETE VAULTS
A. DESCRIPTION: PRECAST, REINFORCED-CONCRETE VAULT, DESIGNED FOR A-16 LOAD DESIGNATION ACCORDING TO ASTM C 857 AND PRECAST-CONCRETE DESIGN ACCORDING TO ASTM C 858.
   1. LADDER: ASTM A 36/A 36M, STEEL OR POLYETHYLENE-ENCASED STEEL STEPS.
   2. MANHOLE: ASTM A 48/A 48M CLASS NO. 35A MINIMUM TENSILE STRENGTH, GRAY-IRON TRAFFIC FRAME AND COVER.
      a. DIMENSION: 24-INCH MINIMUM DIAMETER, UNLESS OTHERWISE INDICATED.
   3. DRAIN: ASME A112.6.3, CAST-IRON FLOOR DRAIN WITH OUTLET OF SIZE INDICATED. INCLUDE BODY ANCHOR FLANGE, LIGHT-DUTY CAST-IRON GRATE, BOTTOM OUTLET, AND INTEGRAL OR FIELD-INSTALLED BRONZE BALL OR CLAPPER-TYPE BACKWATER VALVE.
10.) FIRE HYDRANTS
A. DRY-BARREL FIRE HYDRANTS: FREESTANDING, WITH ONE NPS 4-1/2 AND TWO NPS 2-1/2 OUTLETS, 5-1/4-INCH MAIN VALVE, DRAIN VALVE, AND NPS 6 MECHANICAL-JOINT INLET. INCLUDE INTERIOR COATING ACCORDING TO AWWA C550. HYDRANT SHALL HAVE CAST-IRON BODY. COMPRESSION-TYPE VALVE OPENING AGAINST PRESSURE AND CLOSING WITH PRESSURE.
   1. STANDARD: AWWA C502.
   2. PRESSURE RATING: 250 PSIG .
11.) FIRE DEPARTMENT CONNECTIONS
A. FIRE DEPARTMENT CONNECTIONS: FREESTANDING, WITH CAST-BRONZE BODY, THREAD INLETS ACCORDING TO NFPA 1963 AND MATCHING LOCAL FIRE DEPARTMENT HOSE THREADS, AND THREADED BOTTOM OUTLET. INCLUDE LUGGED CAPS, GASKETS, AND CHAINS; LUGGED SWIVEL CONNECTION AND DROP CLAPPER FOR EACH HOSE-CONNECTION INLET; 18-INCH- HIGH BRASS SLEEVE; AND ROUND ESCUTCHEON PLATE.
12.) VALVE APPLICATIONS
A. DRAWINGS INDICATE VALVE TYPES TO BE USED. WHERE SPECIFIC VALVE TYPES ARE NOT INDICATED, THE FOLLOWING REQUIREMENTS APPLY:
   1. UNDERGROUND VALVES, NPS 3 AND LARGER: AWWA, CAST-IRON, NONRISING-STEM, RESILIENT-SEATED GATE VALVES WITH VALVE BOX.
   2. USE THE FOLLOWING FOR VALVES IN VAULTS AND ABOVEGROUND:
      a. GATE VALVES, NPS 2 AND SMALLER: BRONZE, NONRISING STEM.
      b. GATE VALVES, NPS 3 AND LARGER: AWWA, CAST IRON, OS&Y RISING STEM, RESILIENT SEATED.
      c. CHECK VALVES: AWWA C508, SWING TYPE.
13.) FIELD QUALITY CONTROL
A. PIPING TESTS: CONDUCT PIPING TESTS BEFORE JOINTS ARE COVERED AND AFTER CONCRETE THRUST BLOCKS HAVE HARDENED SUFFICIENTLY. FILL PIPELINE 24 HOURS BEFORE TESTING AND APPLY TEST PRESSURE TO STABILIZE SYSTEM. USE ONLY POTABLE WATER.
B. HYDROSTATIC TESTS: TEST AT NOT LESS THAN ONE-AND-ONE-HALF TIMES WORKING PRESSURE FOR TWO HOURS. INCREASE PRESSURE IN 50-PSIG INCREMENTS AND INSPECT EACH JOINT BETWEEN INCREMENTS. HOLD AT TEST PRESSURE FOR 1 HOUR; DECREASE TO 0 PSIG. SLOWLY INCREASE AGAIN TO TEST PRESSURE AND HOLD FOR 1 MORE HOUR. MAXIMUM ALLOWABLE LEAKAGE IS 2 QUARTS PER HOUR PER 100 JOINTS. REMAKE LEAKING JOINTS WITH NEW MATERIALS AND REPEAT TEST UNTIL LEAKAGE IS WITHIN ALLOWED LIMITS.
C. DISINFECTION: CLEAN AND DISINFECT POTABLE WATER MAINS AS DIRECTED BY THE LOCAL AUTHORITY, OR, IF METHOD IS NOT PRESCRIBED BY THE LOCAL AUTHORITY, USE PROCEDURE DESCRIBED IN AWWA C651.
D. PREPARE REPORTS OF TESTING ACTIVITIES AND SUBMIT TO THE ENGINEER FOR APPROVAL.
14.) IDENTIFICATION
A. INSTALL CONTINUOUS UNDERGROUND DETECTABLE WARNING TAPE DURING BACKFILLING OF TRENCH FOR UNDERGROUND WATER-DISTRIBUTION PIPING. LOCATE BELOW FINISHED GRADE, DIRECTLY OVER PIPING.

SITE STORM UTILITY DRAINAGE PIPING

1.) PIPE AND FITTINGS- GENERAL
A. ALL STORMWATER PIPE, INLETS, HEADWALLS, AND RELATED APPURTENANCES SHALL MEET LOCAL D.O.T. STANDARDS.
B. ALL STORMWATER PIPE SHALL BE INSTALLED IN ACCORDANCE WITH PIPE MANUFACTURERS INSTRUCTIONS.
2.) STEEL PIPE AND FITTINGS
A. CORRUGATED-STEEL PIPE AND FITTINGS: ASTM A 760/A 760M, TYPE I WITH FITTINGS OF SIMILAR FORM AND CONSTRUCTION AS PIPE.
   1. STANDARD-JOINT BANDS: CORRUGATED STEEL.
   2. COATING: ALUMINUM OR BITUMINOUS
3.) PE PIPE AND FITTINGS
A. CORRUGATED PE DRAINAGE PIPE AND FITTINGS NPS 3 TO NPS 10 : AASHTO M 252M; NPS 12 TO NPS 48 : AASHTO M 294M TYPE S, WITH SMOOTH WATERWAY FOR COUPLING JOINTS.
B. SILTTIGHT COUPLINGS: PE SLEEVE WITH ASTM D 1056, TYPE 2, CLASS A, GRADE 2 GASKET MATERIAL THAT MATES WITH TUBE AND FITTINGS.
4.) PVC CORRUGATED PIPE AND FITTINGS
A. CORRUGATED PVC DRAINAGE PIPE AND FITTINGS NPS 4 TO NPS 36: SMOOTH INTERIOR, ASTM F949, 46 PSI STIFFNESS WHEN TESTED IN ACCORDANCE WITH ASTM D2412. PVC COMPOUND HAVING A MINIMUM CELL CLASSIFICATION OF 12454 AS DEFINED IN ASTM D1784. FITTINGS: SMOOTH INTERIOR, ASTM F949. SECTION 5.2.3 OR F794, SECTION 7.2.4. JOINTS SHALL BE MADE WITH INTEGRALLY-FORMED BELL AND SPIGOT GASKETED CONNECTIONS. MANUFACTURER SHALL PROVIDE DOCUMENTATION SHOWING NO LEAKAGE WHEN GASKETED PIPE JOINTS ARE TESTED IN ACCORDANCE WITH ASTM D3212. ELASTOMERIC SEALS (GASKETS) SHALL MEET ASTM F477.
5.) CONCRETE PIPE AND FITTINGS
A. REINFORCED-CONCRETE SEWER PIPE AND FITTINGS: ASTM C 76 . BELL-AND-SPIGOT OR TONGUE-AND-GROOVE ENDS AND GASKETED JOINTS WITH ASTM C 443 , RUBBER GASKETS OR SEALANT JOINTS WITH ASTM C 990 , BITUMEN OR BUTYL-RUBBER SEALANT. CLASS III; WALL B.
B. CAST-IRON AREA DRAINS: ASME A112.6.3 GRAY-IRON ROUND BODY WITH ANCHOR FLANGE AND ROUND GRATE. INCLUDE BOTTOM OUTLET WITH INSIDE CALK OR SPIGOT CONNECTION, OF SIZES INDICATED.
6.) MANHOLES
A. STANDARD PRECAST CONCRETE MANHOLES:
   1. DESCRIPTION: ASTM C 478 , PRECAST, REINFORCED CONCRETE, OF DEPTH INDICATED, WITH PROVISION FOR SEALANT JOINTS.
   2. DIAMETER: 48 INCHES MINIMUM UNLESS OTHERWISE INDICATED.
   3. BALLAST: INCREASE THICKNESS OF PRECAST CONCRETE SECTIONS OR ADD CONCRETE TO BASE SECTION AS REQUIRED TO PREVENT FLOTATION.
   4. BASE SECTION: 6-INCH MINIMUM THICKNESS FOR FLOOR SLAB AND 4-INCH MINIMUM THICKNESS FOR WALLS AND BASE RISER SECTION, AND SEPARATE BASE SLAB OR BASE SECTION WITH INTEGRAL FLOOR.
   5. RISER SECTIONS: 4-INCH MINIMUM THICKNESS, AND LENGTHS TO PROVIDE DEPTH INDICATED.
   6. TOP SECTION: ECCENTRIC-CONE TYPE UNLESS CONCENTRIC-CONE OR FLAT-SLAB-TOP TYPE IS INDICATED, AND TOP OF CONE OF SIZE THAT MATCHES GRADE RINGS.
   7. JOINT SEALANT: ASTM C 990 , BITUMEN OR BUTYL RUBBER.
   8. STEPS: INDIVIDUAL FRP STEPS OR FRP LADDER, WIDE ENOUGH TO ALLOW WORKER TO PLACE BOTH FEET ON ONE STEP AND DESIGNED TO PREVENT LATERAL SLIPPAGE OFF STEP. CAST OR ANCHOR STEPS INTO SIDEWALLS AT 12- TO 16-INCH INTERVALS. OMIT STEPS IF TOTAL DEPTH FROM FLOOR OF MANHOLE TO FINISHED GRADE IS LESS THAN 48 INCHES.
B. MANHOLE FRAMES AND COVERS: ASTM A 536, GRADE 60-40-18, DUCTILE-IRON CASTINGS DESIGNED FOR HEAVY-DUTY SERVICE.
   4. FORM AND CAST WIERS AND PIPE OPENINGS AS INDICATED ON DRAWINGS.
7.) INLET & JUNCTION BOXES
A. PRECAST-CONCRETE:
   1. DESCRIPTION: ASTM C 478 , PRECAST, REINFORCED CONCRETE, OF DEPTH INDICATED, WITH PROVISION FOR SEALANT JOINTS.
   2. BASE SECTION: 6-INCH MINIMUM THICKNESS FOR FLOOR SLAB AND 4-INCH MINIMUM THICKNESS FOR WALLS AND BASE RISER SECTION, AND SEPARATE BASE SLAB OR BASE SECTION WITH INTEGRAL FLOOR.
   3. RISER SECTIONS: 4-INCH MINIMUM THICKNESS, 48-INCH DIAMETER, AND LENGTHS TO PROVIDE DEPTH INDICATED.
   4. TOP SECTION: ECCENTRIC-CONE TYPE UNLESS CONCENTRIC-CONE OR FLAT-SLAB-TOP TYPE IS INDICATED. TOP OF CONE OF SIZE THAT MATCHES GRADE RINGS.
   5. JOINT SEALANT: ASTM C 990 , BITUMEN OR BUTYL RUBBER.
   6. STEPS: INDIVIDUAL FRP STEPS OR FRP LADDER, WIDE ENOUGH TO ALLOW WORKER TO PLACE BOTH FEET ON ONE STEP AND DESIGNED TO PREVENT LATERAL SLIPPAGE OFF STEP. CAST OR ANCHOR STEPS INTO SIDEWALLS AT 12- TO 16-INCH INTERVALS. OMIT STEPS IF TOTAL DEPTH FROM FLOOR OF CATCH BASIN TO FINISHED GRADE IS LESS THAN 48 INCHES.
   7. PIPE CONNECTORS: ASTM C 923 , RESILIENT, OF SIZE REQUIRED, FOR EACH PIPE CONNECTING OVER SEPARATE SECTION.
8.) STORMWATER DETENTION STRUCTURES
A. CAST-IN-PLACE CONCRETE, STORMWATER DETENTION STRUCTURES: CONSTRUCTED OF REINFORCED-CONCRETE BOTTOM, WALLS, AND TOP; DESIGNED ACCORDING TO ACI 350 C 890 FOR A-16 (AASHTO HS20-44), HEAVY-TRAFFIC, STRUCTURAL LOADING; OF DEPTH, SHAPE, DIMENSIONS, AND APPURTENANCES INDICATED.
   1. BALLAST: INCREASE THICKNESS OF CONCRETE AS REQUIRED TO PREVENT FLOTATION.
   2. GRADE RINGS: INCLUDE TWO OR THREE REINFORCED-CONCRETE RINGS, OF 6- TO 9-INCH TOTAL THICKNESS, THAT MATCH 24-INCH- DIAMETER FRAME AND COVER.
   3. STEPS: INDIVIDUAL FRP STEPS OR FRP LADDER, WIDE ENOUGH TO ALLOW WORKER TO PLACE BOTH FEET ON ONE STEP AND DESIGNED TO PREVENT LATERAL SLIPPAGE OFF STEP. CAST OR ANCHOR STEPS INTO SIDEWALLS AT 12- TO 16-INCH INTERVALS. OMIT STEPS IF TOTAL DEPTH FROM FLOOR OF STRUCTURE TO FINISHED GRADE IS LESS THAN 48 INCHES.
   4. FORM AND CAST WIERS AND PIPE OPENINGS AS INDICATED ON DRAWINGS.
B. MANHOLE FRAMES AND COVERS: ASTM A 536, GRADE 60-40-18, DUCTILE-IRON CASTINGS DESIGNED FOR HEAVY-DUTY SERVICE.
9.) PIPE OUTLETS
A. PRE-CAST HEAD WALLS: PRE-CAST REINFORCED CONCRETE, WITH APRON AND TAPERED SIDES.

EARTH MOVING

1.) PROJECT CONDITIONS
A. UTILITY LOCATOR SERVICE: NOTIFY UTILITY LOCATOR SERVICE FOR AREA WHERE PROJECT IS LOCATED BEFORE BEGINNING EARTH MOVING OPERATIONS.
B. DO NOT COMMENCE EARTH MOVING OPERATIONS UNTIL TEMPORARY EROSION- AND SEDIMENTATION-CONTROL MEASURES, ARE IN PLACE.
C. DO NOT COMMENCE EARTH MOVING OPERATIONS UNTIL PLANT-PROTECTION MEASURES ARE IN PLACE.
D. DO NOT COMMENCE EARTH MOVING OPERATIONS WITHOUT REVIEWING AND MAKING PROVISIONS FOR ALL GEOTECHNICAL RECOMMENDATIONS MADE IN THE PROJECT GEOTECHNICAL REPORT. COMPLY WITH RECOMMENDATIONS IN THE GEOTECHNICAL REPORT REGARDING GENERAL SITE PREPARATION, BUILDING PAD PREPARATION, PAVEMENT SECTIONS, FILL, AND EXCAVATION.
E. RETAIN A COPY OF THE PROJECT GEOTECHNICAL REPORT AT THE WORK SITE AT ALL TIMES. ANY DISCREPANCIES BETWEEN THESE SPECIFICATIONS AND THE PROJECT GEOTECHNICAL REPORT SHALL BE RESOLVED IN FAVOR OF THE PROJECT GEOTECHNICAL REPORT.
F. PROTECT STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS, AND OTHER FACILITIES FROM DAMAGE CAUSED BY SETTLEMENT, LATERAL MOVEMENT, UNDERMINING, WASHOUT, AND OTHER HAZARDS CREATED BY EARTH MOVING OPERATIONS.
G. PROTECT AND MAINTAIN EROSION AND SEDIMENTATION C

PARTIAL TOPOGRAPHIC SURVEY OF 685 OGLETREE ROAD AND A PARCEL AT THE INTERSECTION OF OGLETREE ROAD AND GROVE HILL ROAD

STATE OF ALABAMA
LEE COUNTY

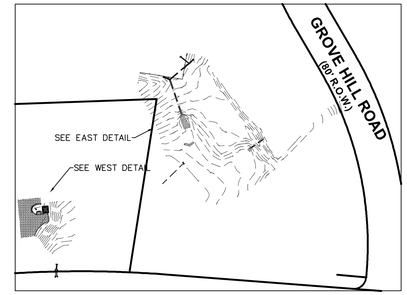
I, ARTHUR R. NETTLES, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF ALABAMA, CERTIFY THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF THAT ALL PARTS OF THIS SURVEY & DRAWING HAVE BEEN COMPLETED IN ACCORDANCE WITH THE CURRENT REQUIREMENTS OF THE STANDARDS OF PRACTICE FOR SURVEYING IN THE STATE OF ALABAMA.

ARTHUR R. NETTLES, AL. P.L.S. NO. 23346
NOT A CERTIFIED SURVEY UNLESS SIGNED AND STAMPED WITH MY SEAL

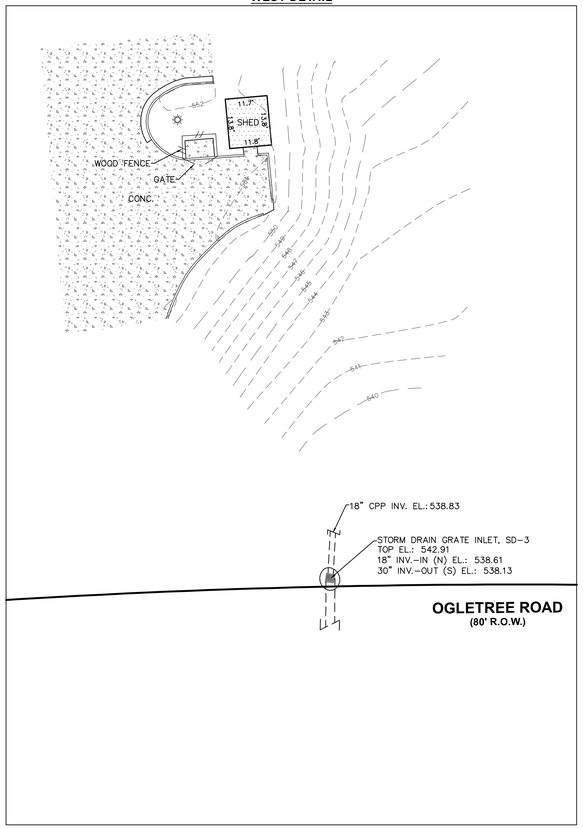
NOTES:

1. THIS PARCEL IS SUBJECT TO ANY EASEMENTS, RIGHT-OF-WAY, OR OTHER RESTRICTIONS OF RECORD THAT MAY EXIST.
2. BEARINGS AND ELEVATIONS BASED ON GPS RTK OBSERVATION USING AUBURN CORS. HORIZONTAL DATUM IS NAD 83 ALABAMA EAST ZONE STATE PLANE COORDINATE SYSTEM. VERTICAL DATUM IS NAVD 88.
3. NORTH IS BASED ON GRID NORTH.
4. THE SUBJECT PROPERTY'S ADDRESS IS 0 AND 685 OGLETREE ROAD, AUBURN, ALABAMA 36830.
5. FIELDWORK COMPLETED JUNE 18, 2026. OFFICEWORK COMPLETED JUNE 19, 2026.

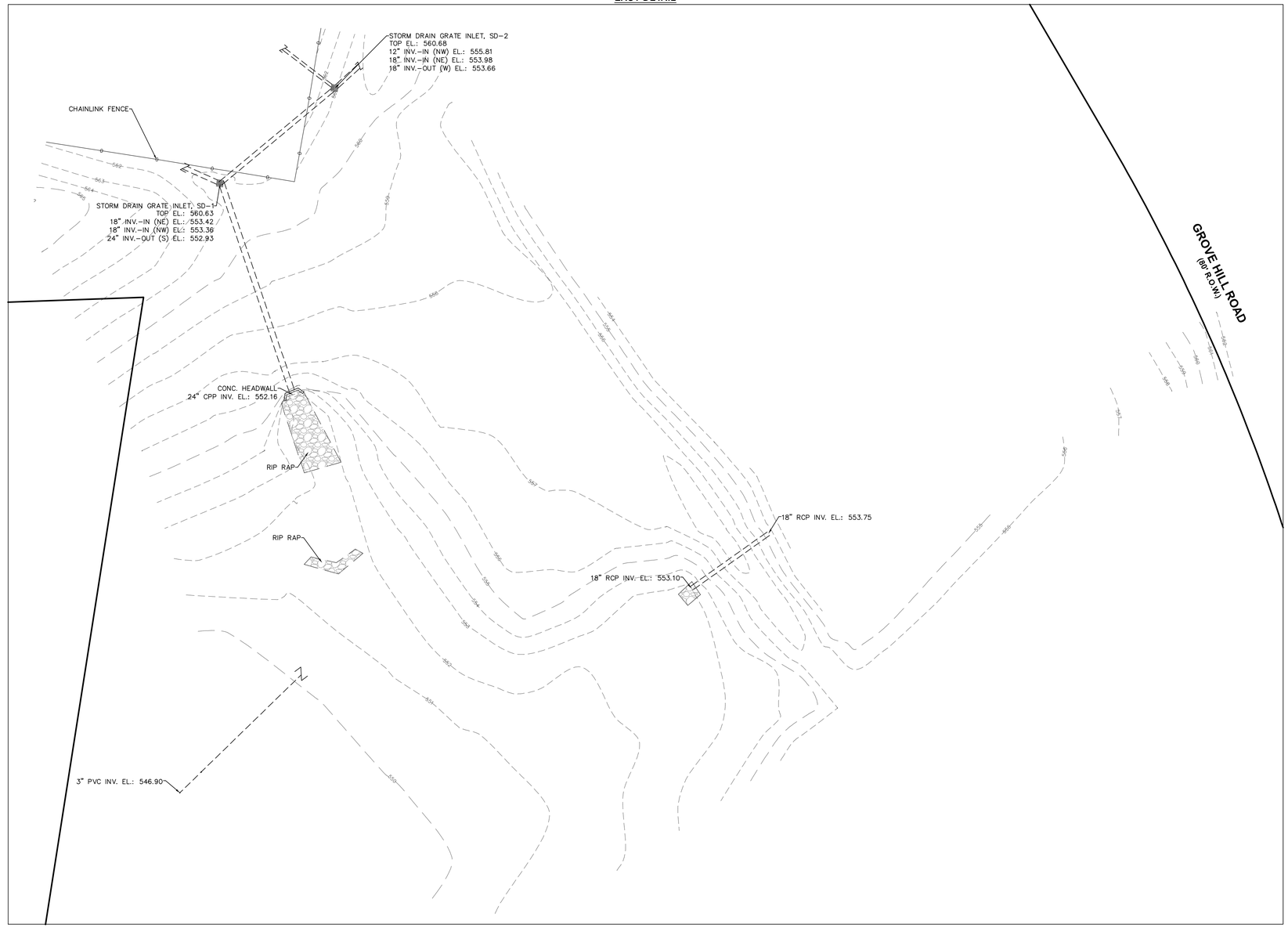
OVERALL MAP
NOT TO SCALE



WEST DETAIL



EAST DETAIL



LEGEND

CT	CRIMPED TOP
OT	OPEN TOP
IPFD	IRON PIN FOUND
IPS	IRON PIN SET
	CALCULATED POINT
	CONCRETE MONUMENT FOUND
	SPIKE NAIL SET
R.O.W.	RIGHT-OF-WAY
(F)	FIELD MEASUREMENT
(P)	PLAT DIMENSION
	CHAIN LINK FENCE
S	EXISTING SANITARY SEWER MANHOLE
D	EXISTING STORM DRAIN MANHOLE
GAS	EXISTING GAS LINE (SERVICE LINE)
UGE	EXISTING UNDERGROUND ELECTRIC LINES
OHE	EXISTING OVERHEAD ELECTRIC LINES
W	EXISTING WATER LINE
E	EXISTING ELECTRICAL TRANSFORMER/ SWITCHBOX
SSCO	EXISTING SANITARY SEWER CLEANOUT
TV	EXISTING TELEVISION RISER
T	EXISTING TELEPHONE RISER
G	EXISTING GAS METER
GV	EXISTING GAS VALVE
	EXISTING FIRE HYDRANT
WV	EXISTING WATER VALVE
W	EXISTING WATER METER
IB	EXISTING IRRIGATION BOX
	EXISTING LIGHTPOLE
	EXISTING POWER POLE AND GUY WIRE
	EXISTING SIGN

N
W E
S

SCALE: 1"= 20'

20 10 0 20 40
SCALE IN FEET

ALABAMA LICENSED No. 23346 PROFESSIONAL LAND SURVEYOR ARTHUR R. NETTLES

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CREW CHIEF	DRAWN	JOB NO.
TTM	CSM	B12026.12

2004 Yarbrough Drive, Ste A
Opelika, Alabama 36801
Phone: 334-749-8003
Web:www.baselinellc.com

BASELINE SURVEYING & DESIGN, LLC

PARTIAL TOPOGRAPHIC SURVEY OF 685 OGLETREE ROAD AND A PARCEL AT THE INTERSECTION OF OGLETREE ROAD AND GROVE HILL ROAD

SEC. 08 T 18 N Rg 26 E
AUBURN LEE COUNTY ALABAMA
SCALE: 1"= 20' JUNE 19, 2026
ARTHUR R. NETTLES, AL. P.L.S. REG. NO. 23346
ALABAMA CERT. OF AUTH. CA NO. 922

GENERAL NOTES:

1) CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES BETWEEN THE EXISTING CONDITIONS IN THE FIELD AND THE SURVEY SHOWN ON THE PLANS BEFORE PROCEEDING WITH ANY NEW CONSTRUCTION.

2) CONTRACTOR IS RESPONSIBLE FOR CORRECT HORIZONTAL AND VERTICAL ALIGNMENT OF ALL TIES BETWEEN PROPOSED AND EXISTING PAVEMENTS, CURB AND GUTTER, SIDEWALKS, WALLS, AND UTILITIES.

SITE NOTES:

1) TRACT IS ZONED: R (RURAL DISTRICT)

2) SEE ARCHITECTURAL PLANS FOR BUILDING FLOOR PLAN DIMENSIONS, DOOR LOCATIONS, SITE LIGHTING PLAN, AND OTHER ARCHITECTURAL DETAILS.

3) NO CERTIFICATE OF OCCUPANCY WILL BE ISSUED UNTIL ALL SITE IMPROVEMENTS HAVE BEEN COMPLETED ON THE SITE.

4) ALL BUFFERS, TREE SAVE AREAS, AND UNDISTURBED AREAS SHALL BE CLEARLY IDENTIFIED BY FLAGGING AND/OR FENCING PRIOR TO COMMENCEMENT OF ANY LAND DISTURBANCE.

5) ALL CONSTRUCTION RELATED PERMITS DURING THE CONSTRUCTION PHASE OF THIS PROJECT ARE THE RESPONSIBILITY OF THE OWNER, HOWEVER A CONTRACTOR/DEVELOPER CAN DO PERMITTING WITH AGENT AUTHORIZATION.

6) CONSTRUCTION TRAILERS ARE TO BE PERMITTED THROUGH THE ENGINEERING DEPARTMENT.

7) ALL EROSION, SEDIMENT CONTROL AND TREE PROTECTION MEASURES SHALL BE INSTALLED PRIOR TO ANY GRADING.

8) MAXIMUM CUT OR FILL SLOPE=3H:IV

9) 24 HOUR CONTACT: BRETT BASQUIN, P.E., (334) 887-6064

10) IN ALL AREAS OF FILL OR OTHERWISE DISTURBANCE OF EXISTING CONDITIONS, UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL FULLY AND COMPLETELY REMOVE AND LEGALLY DISPOSE OFF-SITE, ALL PLANT MATERIALS INCLUDING BUT NOT LIMITED TO ROOT SYSTEMS, CONCRETE, REINFORCED CONCRETE, ASPHALT DEBRIS, UNDERBRUSH, TOPSOIL, AND OTHER DELETERIOUS MATERIAL. THE SUBGRADE TO REMAIN SHALL BE COMPACTED TO 98% STANDARD PROCTOR MAXIMUM DRY DENSITY FOLLOWING FULL REMOVAL OF THESE MATERIALS.

11) ALL SUBGRADE PREP AND AREAS OF THE SITE TO RECEIVE FILL SHALL BE COMPLETED IN STRICT CONFORMANCE WITH THE RECOMMENDATIONS IN THE REPORT BY THE PROJECT GEOTECHNICAL ENGINEER. THE CONTRACTOR SHALL HAVE THIS REPORT ON THE JOB SITE FOR REFERENCE AT ALL TIMES. THE CONTRACTOR SHALL PROVIDE EARTHWORK OPERATIONS AND CONSTRUCTION PHASE MONITORING TO ENSURE THAT ALL COMPACTION IS COMPLETED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT. THE CONTRACTOR SHALL PROVIDE TESTING REPORTS TO THE OWNER REGARDING COMPACTION TESTING PER THE TESTING PROTOCOL IN THE GEOTECHNICAL REPORT.

12) CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION AND MAINTENANCE OF EROSION AND SEDIMENTATION CONTROLS DURING CONSTRUCTION FOR PROTECTION OF ADJACENT ROADWAYS.

13) CONTRACTOR PARKING IS LIMITED TO THE DEVELOPMENT SITE ONLY. NO PARKING OR MATERIAL STORAGE IS ALLOWED IN OR ALONG GROVE HILL ROAD, SCHOOL PROPERTY, OR LAKE WILMORE'S OTHER FACILITIES.

UTILITY NOTES:

1) ALABAMA POWER WILL PROVIDE UNDERGROUND ELECTRICAL SERVICE AT NO COST. THE EXISTING POLE-MOUNTED TRANSFORMER ALONG GROVE HILL ROAD WILL BE UTILIZED FOR ELECTRICAL SERVICE.

2) CONTRACTOR SHALL COORDINATE WITH TELECOM PROVIDER TO PROVIDE UNDERGROUND SERVICE TO THE BUILDING ALONG THE PROPOSED UNDERGROUND POWER SERVICE ROUTE.

3) CITY OF AUBURN WILL INSTALL 3/4" DOMESTIC WATER METER AND DUAL CHECK BACKFLOW PREVENTOR AFTER PAYMENT OF REQUIRED FEES IN THE EXISTING ENCLOSURE. CONTRACTOR SHALL INCLUDE PRESSURE REDUCING VALVE AND ENCLSOURE BEHIND THE METER. CONTRACTOR SHALL PROVIDE ADD ALTERNATE FOR 1" DOMESTIC METER, 1-1/2" SERVICE LINE, AND ASSOCIATED PRESSURE REDUCING VALVE.

4) THIS SITE INDICATES POTABLE WATER SERVICE. ALABAMA STATE LAW REQUIRES THIS WORK TO BE INSTALLED BY AN ALABAMA LICENSED PLUMBER. ALL WORK MUST BE INSPECTED CITY OF AUBURN CODES AND INSPECTION DEPARTMENT.

5) ALL ON-SITE PVC PIPE SHALL HAVE CLASS B BEDDING.

6) ALL CONDUIT, PIPE, AND CHASE PIPE SHALL BE WRAPPED WITH THE APPROPRIATE LOCATION WIRE AND TAPE.

7) PVC WATER LINES LESS THAN 4" SHALL BE ASTM D 2241, SDR 21 WITH INTEGRALLY MOLDED BELL ENDS, ASTM D 2672. PVC WATER LINES 4" AND LARGER SHALL BE AWWA C900, RATED DR 18 (CLASS 150) WITH INTEGRALLY MOLDED BELL ENDS, ASTM D3139. DIP WATER LINES SHALL BE AWWA C151, THICKNESS CLASS 50.

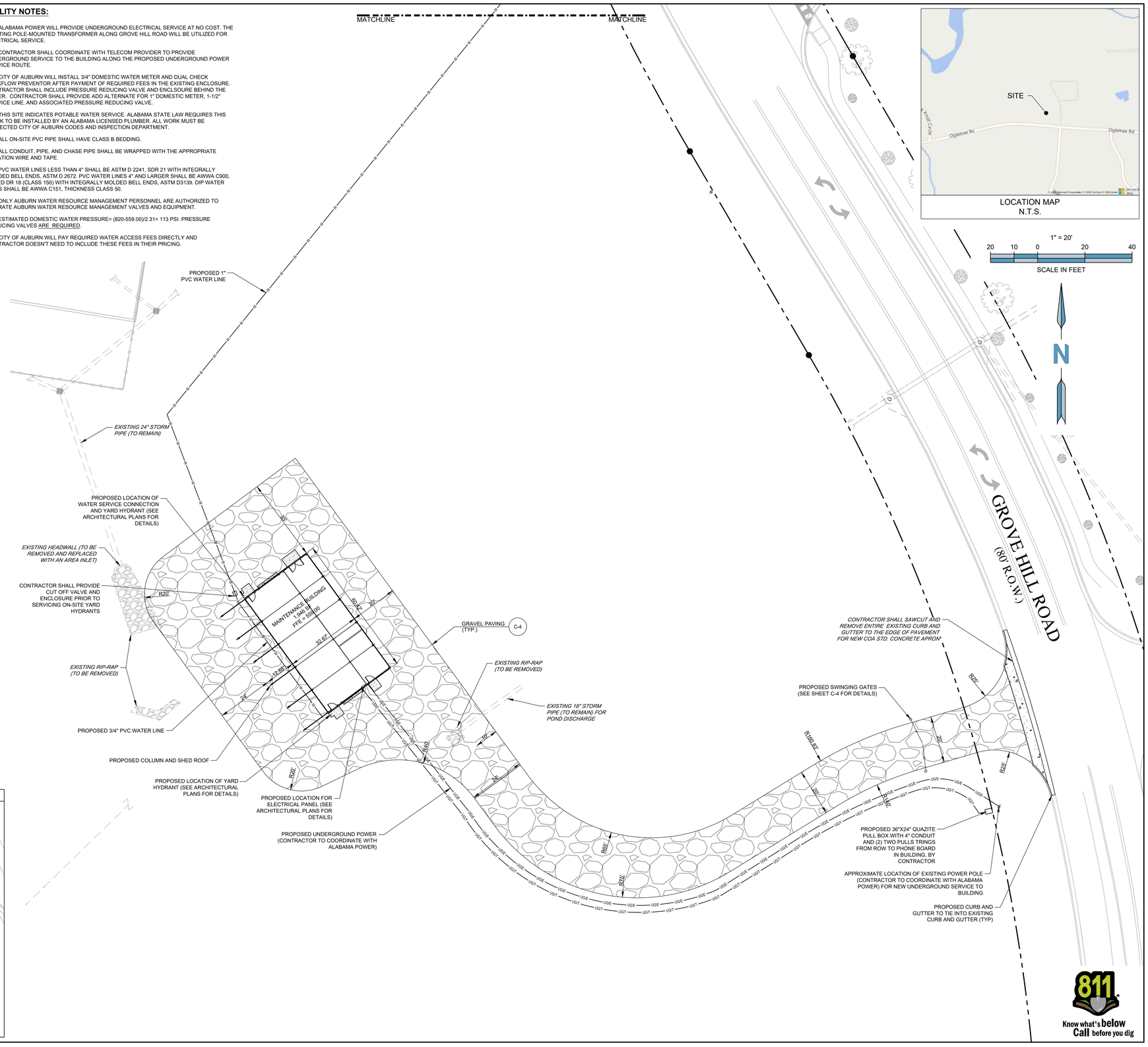
8) ONLY AUBURN WATER RESOURCE MANAGEMENT PERSONNEL ARE AUTHORIZED TO OPERATE AUBURN WATER RESOURCE MANAGEMENT VALVES AND EQUIPMENT.

9) ESTIMATED DOMESTIC WATER PRESSURE= (820-559.00)/2.31= 113 PSI. PRESSURE REDUCING VALVES ARE REQUIRED.

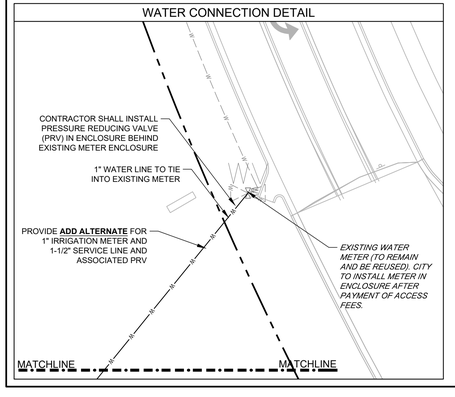
10) CITY OF AUBURN WILL PAY REQUIRED WATER ACCESS FEES DIRECTLY AND CONTRACTOR DOESN'T NEED TO INCLUDE THESE FEES IN THEIR PRICING.

LEGEND

	GRAVEL PAVING
	STANDARD DUTY CONCRETE PAVING
	PROPERTY LINE



WATER CONNECTION DETAIL



Know what's below
Call before you dig

ENGINEER:

FORESITE group

Foresite Group, LLC
2301 Ogletree Village Lane
Suite 200
Auburn, AL 36830

o | 334.887.6064
f | 334.887.6024
w | www.foresitegroup.net

OWNER:

CITY OF AUBURN
144 TICHENOR AVENUE
AUBURN, AL 36830

CONTACT: HOLLAND DANIEL

PROJECT:

LAKE WILMORE MAINTENANCE BUILDING

709 OGLETREE ROAD
AUBURN, LEE COUNTY, AL 36830
SECTION 8, TOWNSHIP 18 N, RANGE 26 E

SEAL:

ALABAMA LICENSED No. 27893 PROFESSIONAL ENGINEER BRETT C. BASQUIN
8/24/2026

REVISIONS	DATE
60% CIVIL PLANS	07/01/2026
CITY COMMENTS	07/09/2026
CITY COMMENTS	07/16/2026
CITY COMMENTS	08/24/2026

PROJECT MANAGER:	BCB
DRAWING BY:	JMR
JURISDICTION:	AUBURN, AL
DATE:	07/01/2026
SCALE:	1" = 20'
TITLE:	

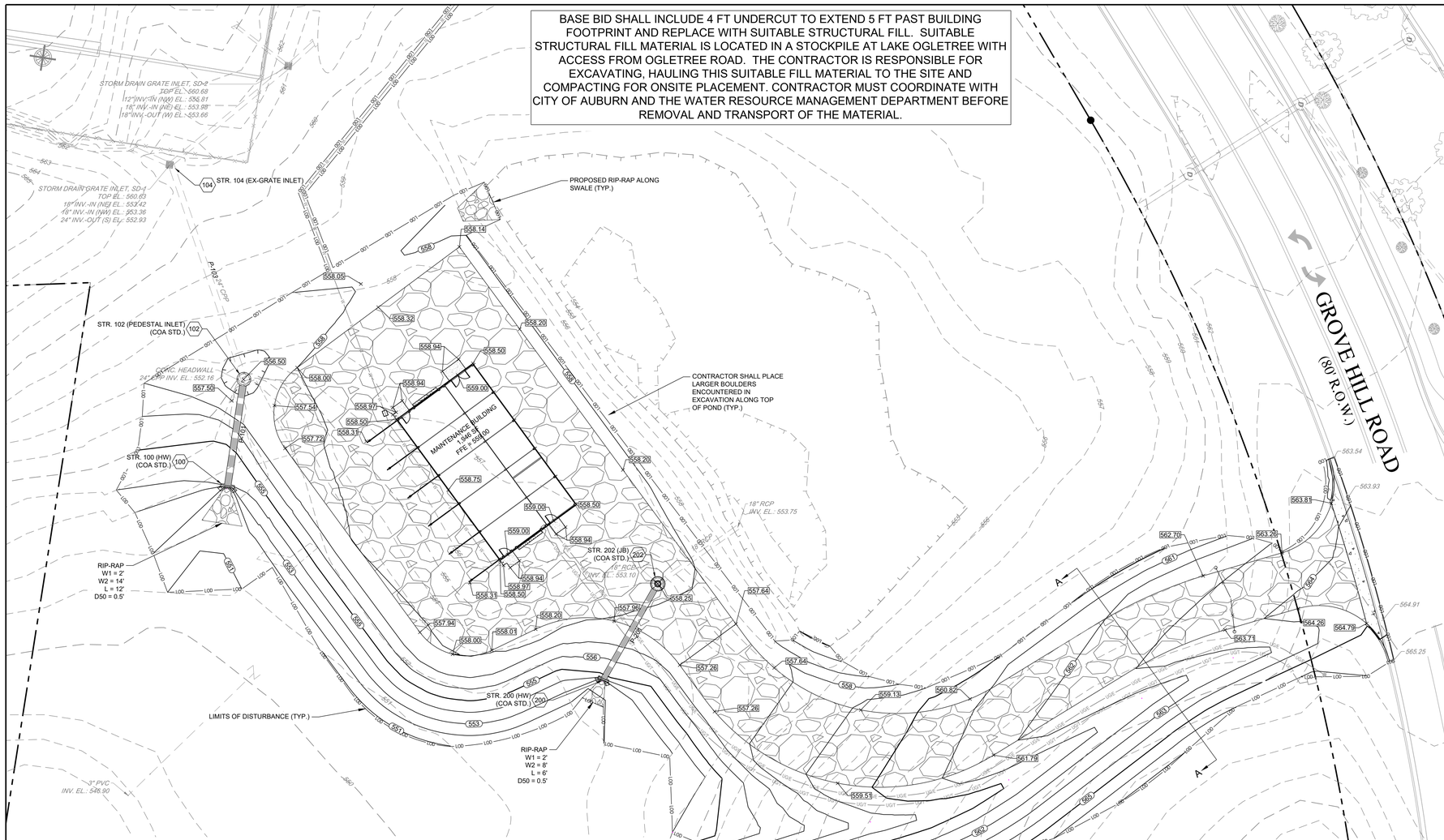
SITE, PAVING, & UTILITY PLAN

SHEET NUMBER: C-1

COMMENTS: <NOT RELEASED FOR CONSTRUCTION>

JOB/FILE NUMBER: 2062.004

BASE BID SHALL INCLUDE 4 FT UNDERCUT TO EXTEND 5 FT PAST BUILDING FOOTPRINT AND REPLACE WITH SUITABLE STRUCTURAL FILL. SUITABLE STRUCTURAL FILL MATERIAL IS LOCATED IN A STOCKPILE AT LAKE OGLETREE WITH ACCESS FROM OGLETREE ROAD. THE CONTRACTOR IS RESPONSIBLE FOR EXCAVATING, HAULING THIS SUITABLE FILL MATERIAL TO THE SITE AND COMPACTING FOR ONSITE PLACEMENT. CONTRACTOR MUST COORDINATE WITH CITY OF AUBURN AND THE WATER RESOURCE MANAGEMENT DEPARTMENT BEFORE REMOVAL AND TRANSPORT OF THE MATERIAL.



LEGEND

XXXX	EXISTING CONTOURS
XXXX	PROPOSED CONTOURS
	EXISTING STORM PIPE
	PROPOSED STORM PIPE
XXXX.XX	EXISTING SPOT ELEVATION
XXXX.XX	PROPOSED SPOT ELEVATION

GENERAL NOTES:

1) ALL SPOT ELEVATIONS SHOWN ARE AT THE EDGE OF PAVEMENT AND/OR GRAVEL UNLESS OTHERWISE NOTED.

2) ALL HEAD WALL SECTIONS SHALL BE CONSTRUCTED TO BE FLUSH WITH THE EXISTING DITCH BANK AND PROPOSED EMBANKMENT SLOPES.

SITE NOTES:

1) THE CONTRACTOR SHALL CLEAN OUT ACCUMULATED SILT IN STORM WATER CONVEYANCE CHANNELS AND PIPES AT END OF CONSTRUCTION WHEN DISTURBED AREAS HAVE BEEN STABILIZED.

2) COORDINATE WITH CITY OF AUBURN INSPECTIONS DURING CONSTRUCTION.

3) NO CERTIFICATE OF OCCUPANCY WILL BE ISSUED UNTIL ALL SITE IMPROVEMENTS HAVE BEEN COMPLETED.

4) CONSTRUCT EROSION CONTROL BARRIERS PER CITY OF AUBURN INSPECTOR AND MAINTAIN UNTIL PERMANENT VEGETATION IS ESTABLISHED.

5) THE CONTRACTOR SHALL RE-ESTABLISH ALL RIGHT OF WAY AREA WHICH IS DAMAGED OR DISTURBED TO ORIGINAL CONDITIONS OR BETTER DURING AUTHORIZED WORK. ALL WORK IN CITY OF AUBURN RIGHT OF WAY SHALL COMPLY WITH GDOT SPECIFICATIONS.

6) MAXIMUM CUT OR FILL SLOPES IS 3H:1V

7) ALL STORM PIPE SHOWN ON THIS PLAN SHALL BE WRAPPED WITH LOCATION WIRE AND TAPE.

8) IN ALL AREAS OF FILL OR OTHERWISE DISTURBANCE OF EXISTING CONDITIONS, UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL FULLY AND COMPLETELY REMOVE AND LEGALLY DISPOSE OFF-SITE, ALL PLANT MATERIALS INCLUDING BUT NOT LIMITED TO ROOT SYSTEMS, CONCRETE, REINFORCED CONCRETE, ASPHALT DEBRIS, UNDERBRUSH, TOPSOIL, AND OTHER DELETERIOUS MATERIAL. THE SUBGRADE TO REMAIN SHALL BE COMPACTED TO 95% STANDARD PROCTOR MAXIMUM DRY DENSITY FOLLOWING FULL REMOVAL OF THESE MATERIALS. STRUCTURAL FILL SHALL BE PLACED AT 98% STANDARD PROCTOR MAXIMUM DRY DENSITY, UNLESS OTHERWISE SPECIFIED.

9) REFER TO SUBSURFACE EXPLORATION AND GEOTECHNICAL ENGINEERING EVALUATION REPORTS AS PROVIDED BY OWNER FOR RECOMMENDATIONS ASSOCIATED WITH: GENERAL SITE PREPARATION, BUILDING PAD PREPARATION, SUBGRADE PREP, AREAS TO RECEIVE FILL, AREAS TO BE OVEREXCAVATED, PAVEMENT SECTIONS, FILL, SLOPES AND EXCAVATION. THE CONTRACTOR SHALL HAVE THIS REPORT ON THE JOB SITE FOR REFERENCE AT ALL TIMES. THE CONTRACTOR SHALL PROVIDE EARTHWORK OPERATIONS AND CONSTRUCTION PHASE MONITORING TO ENSURE THAT ALL COMPACTION IS COMPLETED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT. THE CONTRACTOR SHALL PROVIDE TESTING REPORTS TO THE OWNER REGARDING COMPACTION TESTING PER THE TESTING PROTOCOL IN THE GEOTECHNICAL REPORT.

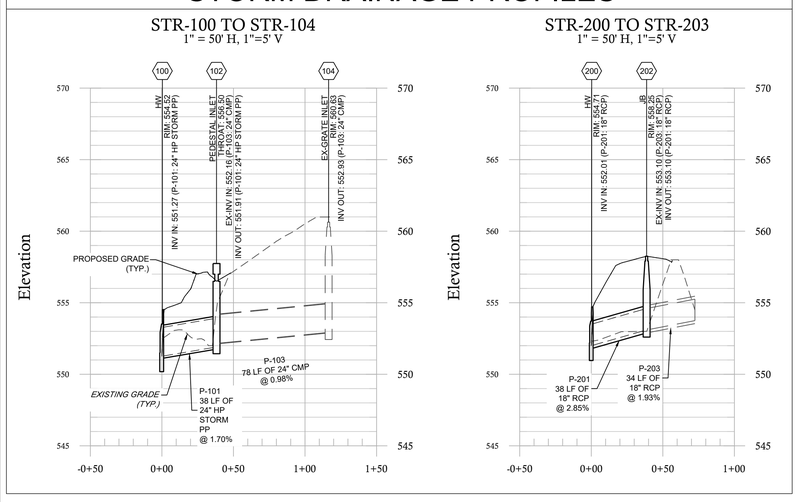
10) IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN QUALIFIED PROFESSIONAL ADVICE WHEN QUESTIONS ARISE CONCERNING DESIGN AND EFFECTIVENESS OF EROSION CONTROL DEVICES. **24 HR. CONTACT: BRETT BASQUIN, P.E. (334) 887-6064**

11) NO PORTION OF THIS PROPERTY LIES WITHIN A SPECIAL FLOOD HAZARD AREA PER PANEL 01081C0204H DATED 01/17/2025

12) EROSION CONTROL MEASURES ARE TO BE ACCOMPLISHED PRIOR TO ANY OTHER CONSTRUCTION ON THE SITE AND MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED.

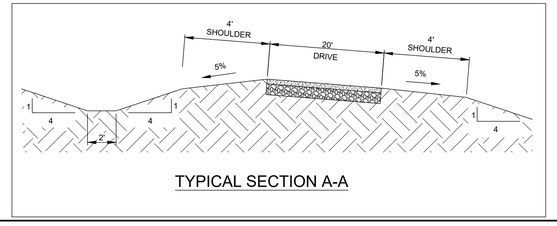
13) EXTREME CAUTION SHALL BE USED WHEN WORKING WITHIN THE VICINITY OF THE EXISTING OVERHEAD POWER LINES. CONTRACTORS SHALL NOTIFY/COORDINATE WITH ALABAMA POWER PRIOR TO CONSTRUCTION.

STORM DRAINAGE PROFILES



1" = 5
VERTICAL: SCALE IN FEET

1" = 50
VERTICAL: SCALE IN FEET



TYPICAL SECTION A-A

1" = 20'
SCALE IN FEET

Know what's below Call before you dig

ENGINEER:

FORESITE group

Foresite Group, LLC
2301 Ogletree Village Lane
Suite 200
Auburn, AL 36830

o | 334.887.6064
f | 334.887.6024
w | www.foresitegroup.net

OWNER:

CITY OF AUBURN
144 TICHENOR AVENUE
AUBURN, AL 36830

CONTACT: HOLLAND DANIEL

PROJECT:

LAKE WILMORE MAINTENANCE BUILDING

709 OGLETREE ROAD
AUBURN, LEE COUNTY, AL 36830
SECTION 8, TOWNSHIP 18 N, RANGE 26 E

SEAL:

ALABAMA LICENSED No. 27893 PROFESSIONAL ENGINEER BRETT C. BASQUIN

8/24/2026

REVISIONS	DATE
60% CIVIL PLANS	07/01/2026
CITY COMMENTS	07/09/2026
CITY COMMENTS	07/16/2026
CITY COMMENTS	08/24/2026

PROJECT MANAGER:	BCB
DRAWING BY:	JMR
JURISDICTION:	AUBURN, AL
DATE:	07/01/2026
SCALE:	1" = 20'
TITLE:	

GRADING & DRAINAGE PLAN

SHEET NUMBER: C-2

COMMENTS: <NOT RELEASED FOR CONSTRUCTION>

JOB/FILE NUMBER: 2062.004

GENERAL NOTES:

1) IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN QUALIFIED PROFESSIONAL ADVICE WHEN QUESTIONS ARISE CONCERNING DESIGN AND EFFECTIVENESS OF EROSION CONTROL DEVICES. 24 HR CONTACT: **BRETT BASQUIN, P.E. (334) 887-5064** FORESITE GROUP, LLC.

2) THE CONTRACTOR IS RESPONSIBLE FOR MEETING THE REQUIREMENTS OF THE ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT (ADEM) ADMIN. CODE 335-6 (VOLUME 1). CONTRACTOR IS FULLY RESPONSIBLE FOR MEETING THE FOLLOWING REQUIREMENTS INCLUDING BUT NOT LIMITED TO THE FOLLOWING:

A. DUTY TO MITIGATE ADVERSE IMPACTS

B. DISCHARGES CANNOT VIOLATE WATER QUALITY STANDARDS

C. CONSTRUCTION BEST MANAGEMENT PRACTICES (CBMPP) MAINTAINED ON SITE BY A QUALIFIED CREDENTIALED PROFESSIONAL (QCI OR QCP).

D. EFFECTIVE EROSION AND SEDIMENT CONTROL MEASURES IMPLEMENTED AT ALL TIMES

E. REGULAR COMPREHENSIVE INSPECTIONS OF SITE AND DOWNSTREAM CHANNEL

F. COPIES OF INSPECTION REPORTS MAINTAINED

G. DETAILED LOGS MAINTAINED

H. SPILL AND CHEMICAL CONTROLS IMPLEMENTED- STORM WATER POLLUTION CONTROL PLAN AND MATERIAL SAFETY DATA SHEETS.

I. CANNOT DISCHARGE OTHER POLLUTANTS OR WASTES

J. THE NOTICE OF INTENT ID AND A RAIN GAUGE SHALL BE INSTALLED AND VISIBLE ON-SITE FROM THE RIGHT OF WAY.

3) THE PROFESSIONAL WHO SEALS THIS PLAN CERTIFIES UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY THE PROFESSIONAL OR THE PROFESSIONAL'S AUTHORIZED AGENT, UNDER THE PROFESSIONAL'S DIRECT SUPERVISION.

4) ALL CONSTRUCTION SHALL COMPLY WITH THE SPECIFICATIONS AND PROCEDURES DETAILED IN THE CURRENT DEVELOPMENT REGULATIONS OF CITY OF AUBURN AND THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN ALABAMA.

5) THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES SHALL TAKE PLACE PRIOR TO OR CONCURRENT WITH ALL LAND DISTURBING ACTIVITIES THROUGHOUT THE ENTIRE PROJECT

6) EROSION AND SEDIMENT CONTROL MEASURES SPECIFIED ON PLAN SHEETS C-4, C-4.1, AND C-4.2 MUST 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. UPDATES MADE TO THE CBMPP BY THE CONTRACTOR OR QUALIFIED PROFESSIONAL WILL BE NOTED IN THE CBMPP AMENDMENT LOG. UPDATES ARE TO BE MADE WITHIN 5 DAYS AFTER RECEIVING NOTICE.

7) THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES SPECIFIED ON PLAN SHEETS C-4, C-4.1, AND C-4.2 PRIOR TO ALL LAND DISTURBING ACTIVITIES THROUGHOUT THE ENTIRE PROJECT.

8) MAINTENANCE OF ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES, WHETHER TEMPORARY OR PERMANENT, SHALL BE AT ALL TIMES THE RESPONSIBILITY OF THE PERMITTEE.

9) EROSION CONTROL DEVICES THAT ARE INSTALLED AS DIRECTED BY THE LAND DEVELOPMENT INSPECTOR BUT NOT SHOWN ON THE APPROVED PLAN AND WHICH ALSO SUBSEQUENTLY FAIL, ARE THE RESPONSIBILITY OF THE CONTRACTOR.

10) TEMPORARY STABILIZATION OF DISTURBED AREAS MUST BE INITIATED IMMEDIATELY WHENEVER WORK TOWARD PROJECT COMPLETION AND FINAL STABILIZATION OF ANY PORTION OF THE SITE HAS TEMPORARILY CEASED AND WILL NOT RESUME FOR A PERIOD EXCEEDING THIRTEEN (13) CALENDAR DAYS.

11) SITE INSPECTIONS ARE TO BE CONDUCTED AS REQUIRED BY THE GENERAL NPDES PERMIT. SEE SECTION TITLED "PERMITTEE REQUIREMENTS FOR INSPECTION" ON THIS SHEET FOR SPECIFIC REQUIREMENTS.

12) PRIOR TO ANY OTHER CONSTRUCTION, A STABILIZED CONSTRUCTION ENTRANCE SHALL BE INSTALLED AT EACH POINT OF ENTRY TO OR EXIT FROM THE SITE. ANY MUD, DIRT, OR ROCK TRACKED FROM THE SITE WILL BE CLEANED AS NECESSARY. DUMP TRUCKS HAULING MATERIAL FROM THE CONSTRUCTION SITE SHALL BE COVERED WITH A TARPAULIN.

13) PRIOR TO COMMENCING LAND DISTURBING ACTIVITY, THE LIMITS OF DISTURBANCE SHALL BE CLEARLY AND ACCURATELY MARKED WITH STAKES, RIBBON OR OTHER APPROPRIATE MEANS. THE LOCATION AND EXTENT OF ALL AUTHORIZED LAND DISTURBANCE SHALL BE DEMARCATED FOR THE DURATION OF THE CONSTRUCTION ACTIVITY. NO LAND DISTURBANCE SHALL OCCUR OUTSIDE THE APPROVED LIMITS INDICATED ON THE APPROVED PLANS.

14) IMMEDIATELY AFTER THE ESTABLISHMENT OF CONSTRUCTION ENTRANCE/EXITS, ALL PERIMETER EROSION CONTROL SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION.

15) ANY SEDIMENT THAT ESCAPES THE SITE MUST BE IMMEDIATELY REMOVED AND PERMANENTLY STABILIZED ONSITE. REPLACEMENT OR REPAIRS TO ANY DEFECTIVE PORTION OF SILT FENCE MUST BE MADE IMMEDIATELY TO PREVENT FURTHER ESCAPE OF SEDIMENT.

16) SEDIMENT STORAGE INDICATORS MUST BE INSTALLED IN SEDIMENT STORAGE STRUCTURES, INDICATING THE 1/3 FULL VOLUME. A STAKE WITH MEASUREMENT MARKINGS THAT INDICATE THE 1/3 VOLUME IS AN ACCEPTABLE SEDIMENT STORAGE INDICATOR.

17) THE CONTRACTOR SHALL REMOVE ACCUMULATED SILT WHEN THE ACCUMULATED SILT IS ONE-THIRD (1/3) FULL FOR ALL EROSION & SEDIMENT CONTROL STRUCTURES. BASED ON THE AMOUNT OF SEDIMENT AND THE SIZE OF THE CONTROL MEASURE, SEDIMENT WILL BE REMOVED WITH A SHOVEL OR ONSITE EQUIPMENT TO MAINTAIN BMPS. THE SEDIMENT THAT IS REMOVED MUST BE PERMANENTLY STABILIZED.

18) ALL SILT BARRIERS MUST BE PLACED AS ACCESS IS OBTAINED DURING CLEARING. NO GRADING SHALL TAKE PLACE UNTIL SILT BARRIER INSTALLATION IS COMPLETE.

19) SILT BARRIERS SHALL BE PLACED AS SHOWN AND/OR AS DIRECTED BY THE PROJECT ENGINEER AND/OR COUNTY INSPECTORS.

20) ALL FILL SLOPES SHALL HAVE SILT FENCE PLACED AT THE SLOPE'S TOE.

21) SEDIMENT MUST BE PREVENTED FROM ENTERING STORM INLETS BY USING THE SPECIFIED INLET PROTECTION ON SHEETS C-4, C-4.1, AND C-4.2. IF SEDIMENT ENTERS STORM DRAINAGE STRUCTURES AND PIPES, THE CONTRACTOR MUST REMOVE THE ACCUMULATED SEDIMENT IMMEDIATELY AND IT MUST BE PERMANENTLY STABILIZED.

22) ALL DRAINAGE STRUCTURES SHALL HAVE RING AND COVER ACCESS.

23) LENGTH OF STORM WATER OUTFALL STRUCTURE RIP-RAP SHALL BE AT LEAST 6 TIMES THE DIAMETER OF THE STORM DRAIN PIPE.

24) ALL FILL AREAS AND DITCH WORK ON THIS SITE SHALL BE COMPACTED TO A MINIMUM 95% STANDARD PROCTOR.

25) DUST WILL BE CONTROLLED BY SPRINKLING WATER ON DISTURBED AREAS PER THE ALABAMA EROSION AND SEDIMENT CONTROL HANDBOOK.

26) SEDIMENT TRACKED INTO THE STREET MUST BE REMOVED BY THE CONTRACTOR. A SQUARE-ENDED SHOVEL AND BROOM WILL BE USED TO REMOVE SEDIMENT FROM STREETS. SEDIMENT IN THE STREET SHOULD NOT BE WASHED INTO STORM INLETS UNDER ANY CIRCUMSTANCES. PERMANENTLY STABILIZE ANY SEDIMENT REMOVED FROM STREET.

27) TOPSOIL SHALL BE STOCKPILED AND USED TO DRESS FINAL GRADES.

28) ALL TEMPORARY AND PERMANENT SEEDING MUST BE PERFORMED AT THE APPROPRIATE SEASON. ADDITIONAL PLANTINGS WILL BE NECESSARY IF A SUFFICIENT STAND OF GRASS FAILS TO GROW.

29) ALL SLOPES AND AREAS DISTURBED DURING CONSTRUCTION SHALL BE GRADED SMOOTH AND 4" OF TOPSOIL APPLIED. THE AREA SHALL THEN BE SEEDED, FERTILIZED, MULCHED, WATERED AND MAINTAINED UNTIL A HEALTHY STAND OF PERMANENT VEGETATION HAS BEEN ESTABLISHED FOR ALL DISTURBED AREAS.

30) CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING EROSION CONTROL MEASURES UNTIL CONSTRUCTION IS COMPLETE AND PERMANENT VEGETATION HAS BEEN ESTABLISHED.

31) PERMITTEES ARE RESPONSIBLE FOR RETURNING AREAS DISTURBED TO THE CONDITION PRIOR TO DISTURBANCE (TO INCLUDE SEEDING, MULCHING, AND SODDING ALL DISTURBED AREAS.

32) NO PORTION OF THE SUBJECT PROPERTY LIES WITHIN A 100 YEAR FLOOD HAZARD AREA PER FIRM MAP NUMBER 01081C0204H DATED 01/17/2025.

33) A 25-FOOT UNDISTURBED BUFFER IS TO BE MAINTAINED ADJACENT TO ALL STREAMS.

34) TWO ROWS OF ALDOT TYPE A SILT FENCE SHALL BE INSTALLED ADJACENT TO STATE WATERS AND WILL PROTECT STATE WATERS FROM ANY LAND DISTURBING ACTIVITIES.

35) APPROVAL OF THESE PLANS DOES NOT CONSTITUTE APPROVAL BY CITY OF AUBURN OR ADEM OF ANY LAND DISTURBING ACTIVITIES WITHIN WETLAND AREAS AND/OR WHICH MAY IMPACT ENDANGERED SPECIES. IT IS THE RESPONSIBILITY OF THE PROPERTY OWNER TO CONTACT THE APPROPRIATE REGULATORY AGENCY FOR APPROVAL OF ANY DISTURBANCE WHICH MAY HAVE THIS EFFECT.

36) ALL OPEN DRAINAGE SWALES MUST BE GRASSED AND RIP-RAP PLACED AS REQUIRED TO PREVENT EROSION.

37) MAXIMUM SLOPES ON CUT OR FILL SECTIONS SHALL NOT EXCEED 3H:1V. SLOPES STEEPER THAN 3H:1V REQUIRE A WAIVER FROM THE CITY.CONCENTRATED FLOW AREAS AND ALL SLOPES STEEPER THAN 3H:1V WITH A HEIGHT OF TEN FEET OR GREATER SHALL STABILIZED WITH EROSION CONTROL MATTING AS SPECIFIED ON THE PLAN. SLOPES STEEPER THAN 3H:1V REQUIRE A WAIVER FROM THE CITY.

38) THE SITE WILL USE TEMPORARY SEDIMENT BASINS, WATTLES, EXCAVATED INLET TRAPS, PROPOSED STORMWATER STRUCTURES AND PIPES, RIP-RAP, AND THE PROPOSED DETENTION FACILITY TO CONTROL STORM WATER VOLUME AND VELOCITY ON SITE DURING CONSTRUCTION.

39) FLOCCULANTS WILL BE USED ON THIS SITE. CONTRACTOR MUST TEST FLOCCULANT ONSITE TO ENSURE IT IS EFFECTIVE WITH SOIL. MSDS SHEETS MUST BE STORED AND MADE AVAILABLE ONSITE.

40) CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY UPON START OF CONSTRUCTION IN ORDER FOR ENGINEER TO SCHEDULE THE INITIAL 7 DAY EROSION CONTROL INSPECTION.

41) THE RECEIVING WATER IS TRIBUTARY OF MOORES MILL CREEK.

43) IF DEWATERING ACTIVITIES OCCUR, IMPLEMENT PROPER FILTRATION PRIOR TO DISCHARGING STORMWATER.

SITE DATA

TOTAL DISTURBED AREA=	0.94	AC.

SOIL TYPE

31	PACOLET SANDY LOAM, 1 TO 6 PERCENT SLOPES
32	PACOLET SANDY LOAM, 6 TO 10 PERCENT SLOPES

EROSION AND SEDIMENT CONTROL LEGEND

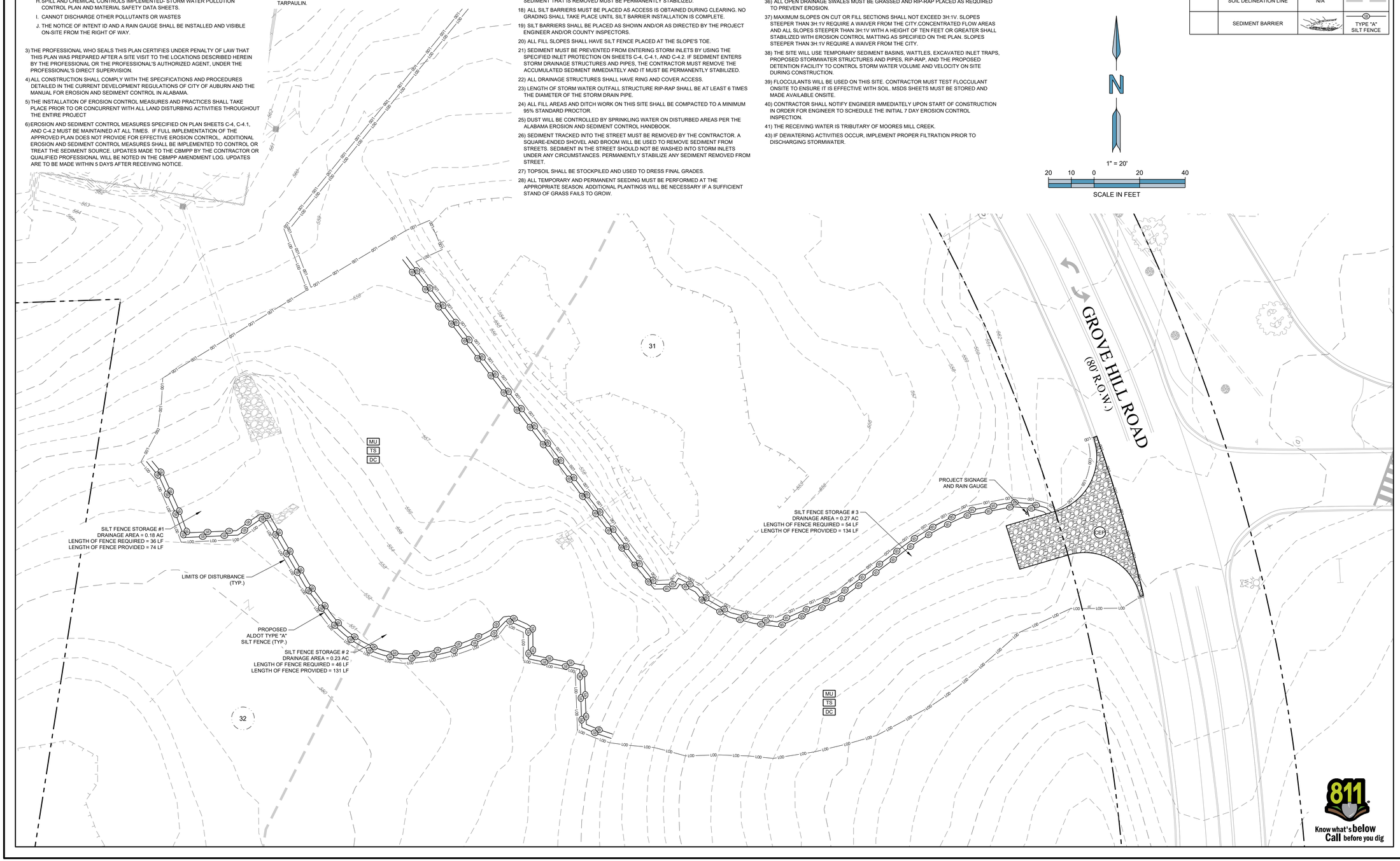
CODE	PRACTICE	DETAIL	MAP SYMBOL
CEP	CONSTRUCTION EXIT PAD		CEP
MU	MULCHING		MU
TS	TEMPORARY SEEDING		TS
DC	DUST CONTROL ON DISTURBED AREAS		DC
	LIMITS OF DISTURBANCE	N/A	LOD
	SOIL DELINEATION LINE	N/A	
	SEDIMENT BARRIER		TYPE "A" SILT FENCE

N

1" = 20'

20 10 0 20 40

SCALE IN FEET



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ENGINEER:

FORESITE group

Foresite Group, LLC
2301 Ogletree Village Lane
Suite 200
Auburn, AL 36830

o | 334.887.6064
f | 334.887.6024
w | www.foresitegroup.net

OWNER:

CITY OF AUBURN
144 TICHENOR AVENUE
AUBURN, AL 36830

CONTACT: HOLLAND DANIEL

PROJECT:

LAKE WILMORE MAINTENANCE BUILDING

709 OGLETREE ROAD
AUBURN, LEE COUNTY, AL 36830
SECTION 8, TOWNSHIP 18 N, RANGE 26 E

SEAL:

ALABAMA LICENSED No. 27893 PROFESSIONAL ENGINEER BRETT C. BASQUIN

8/24/2026

Brett C Basquin

REVISIONS	DATE
60% CIVIL PLANS	07/01/2026
CITY COMMENTS	07/09/2026
CITY COMMENTS	07/16/2026
CITY COMMENTS	08/24/2026

PROJECT MANAGER:	BCB
DRAWING BY:	JMR
JURISDICTION:	AUBURN, AL
DATE:	07/01/2026
SCALE:	1" = 20'

TITLE:

INITIAL EROSION & SEDIMENT CONTROL PLAN

SHEET NUMBER:

C-3

COMMENTS: <NOT RELEASED FOR CONSTRUCTION>

JOB/FILE NUMBER: 2062.004

EROSION AND SEDIMENT CONTROL LEGEND

CODE	PRACTICE	DETAIL	MAP SYMBOL
OP	STORM DRAIN OUTLET PROTECTION		OP
MU	MULCHING		MU
PS	PERMANENT VEGETATION		PS
CD	CHECKDAM		
FIP	FABRIC DROP INLET PROTECTION		
CW	CONCRETE WASHOUT AREA		CW
CEP	CONSTRUCTION EXIT PAD		CEP
	LIMITS OF DISTURBANCE	N/A	LOD
	SOIL DELINEATION LINE	N/A	
	SEDIMENT BARRIER		TYPE "A" SILT FENCE

SITE DATA

TOTAL DISTURBED AREA= 0.94 AC.

SOIL TYPE

31 PACOLET SANDY LOAM, 1 TO 6 PERCENT SLOPES

32 PACOLET SANDY LOAM, 6 TO 10 PERCENT SLOPES

GENERAL NOTES:

1) IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN QUALIFIED PROFESSIONAL ADVICE WHEN QUESTIONS ARISE CONCERNING DESIGN AND EFFECTIVENESS OF EROSION CONTROL DEVICES. 24 HR CONTACT: **BRETT BASQUIN, P.E. (334) 887-6064** FORESITE GROUP, LLC.

2) THE CONTRACTOR IS RESPONSIBLE FOR MEETING THE REQUIREMENTS OF THE ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT (ADEM) ADMIN. CODE 335-6 (VOLUME 1). CONTRACTOR IS FULLY RESPONSIBLE FOR MEETING THE FOLLOWING REQUIREMENTS INCLUDING BUT NOT LIMITED TO THE FOLLOWING:

A. DUTY TO MITIGATE ADVERSE IMPACTS

B. DISCHARGES CANNOT VIOLATE WATER QUALITY STANDARDS

C. CONSTRUCTION BEST MANAGEMENT PRACTICES (CBMPP) MAINTAINED ON SITE BY A QUALIFIED CREDENTIALED PROFESSIONAL (QCI OR QCP).

D. EFFECTIVE EROSION AND SEDIMENT CONTROL MEASURES IMPLEMENTED AT ALL TIMES

E. REGULAR COMPREHENSIVE INSPECTIONS OF SITE AND DOWNSTREAM CHANNEL

F. COPIES OF INSPECTION REPORTS MAINTAINED

G. DETAILED LOGS MAINTAINED

H. SPILL AND CHEMICAL CONTROLS IMPLEMENTED- STORM WATER POLLUTION CONTROL PLAN AND MATERIAL SAFETY DATA SHEETS.

I. CANNOT DISCHARGE OTHER POLLUTANTS OR WASTES

J. THE NOTICE OF INTENT ID AND A RAIN GAUGE SHALL BE INSTALLED AND VISIBLE ON-SITE FROM THE RIGHT OF WAY.

3) THE PROFESSIONAL WHO SEALS THIS PLAN CERTIFIES UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY THE PROFESSIONAL OR THE PROFESSIONAL'S AUTHORIZED AGENT, UNDER THE PROFESSIONAL'S DIRECT SUPERVISION.

4) ALL CONSTRUCTION SHALL COMPLY WITH THE SPECIFICATIONS AND PROCEDURES DETAILED IN THE CURRENT DEVELOPMENT REGULATIONS OF CITY OF AUBURN AND THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN ALABAMA.

5) THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES SHALL TAKE PLACE PRIOR TO OR CONCURRENT WITH ALL LAND DISTURBING ACTIVITIES THROUGHOUT THE ENTIRE PROJECT

6) EROSION AND SEDIMENT CONTROL MEASURES SPECIFIED ON THIS PLAN SHEET MUST 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. UPDATES MADE TO THE CBMPP BY THE CONTRACTOR OR QUALIFIED PROFESSIONAL WILL BE NOTED IN THE CBMPP AMENDMENT LOG. UPDATES ARE TO BE MADE WITHIN 5 DAYS AFTER RECEIVING NOTICE.

7) THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES SPECIFIED ON THIS PLAN SHEET PRIOR TO ALL LAND DISTURBING ACTIVITIES THROUGHOUT THE ENTIRE PROJECT.

8) MAINTENANCE OF ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES, WHETHER TEMPORARY OR PERMANENT, SHALL BE AT ALL TIMES THE RESPONSIBILITY OF THE PERMITTEE.

9) EROSION CONTROL DEVICES THAT ARE INSTALLED AS DIRECTED BY THE LAND DEVELOPMENT INSPECTOR BUT NOT SHOWN ON THE APPROVED PLAN AND WHICH ALSO SUBSEQUENTLY FAIL, ARE THE RESPONSIBILITY OF THE CONTRACTOR.

10) TEMPORARY STABILIZATION OF DISTURBED AREAS MUST BE INITIATED IMMEDIATELY WHENEVER WORK TOWARD PROJECT COMPLETION AND FINAL STABILIZATION OF ANY PORTION OF THE SITE HAS TEMPORARILY CEASED AND WILL NOT RESUME FOR A PERIOD EXCEEDING THIRTEEN (13) CALENDAR DAYS.

11) SITE INSPECTIONS ARE TO BE CONDUCTED AS REQUIRED BY THE GENERAL NPDES PERMIT. SEE SECTION TITLED "PERMITTEE REQUIREMENTS FOR INSPECTION" ON THIS SHEET FOR SPECIFIC REQUIREMENTS.

12) PRIOR TO ANY OTHER CONSTRUCTION, A STABILIZED CONSTRUCTION ENTRANCE SHALL BE INSTALLED AT EACH POINT OF ENTRY TO OR EXIT FROM THE SITE. ANY MUD, DIRT, OR ROCK TRACKED FROM THE SITE WILL BE CLEANED AS NECESSARY. DUMP TRUCKS HAULING MATERIAL FROM THE CONSTRUCTION SITE SHALL BE COVERED WITH A TARPAULIN.

13) PRIOR TO COMMENCING LAND DISTURBING ACTIVITY, THE LIMITS OF DISTURBANCE SHALL BE CLEARLY AND ACCURATELY MARKED WITH STAKES, RIBBON OR OTHER APPROPRIATE MEANS. THE LOCATION AND EXTENT OF ALL AUTHORIZED LAND DISTURBANCE SHALL BE DEMARCATED FOR THE DURATION OF THE CONSTRUCTION ACTIVITY. NO LAND DISTURBANCE SHALL OCCUR OUTSIDE THE APPROVED LIMITS INDICATED ON THE APPROVED PLANS.

14) IMMEDIATELY AFTER THE ESTABLISHMENT OF CONSTRUCTION ENTRANCE/EXITS, ALL PERIMETER EROSION CONTROL SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION.

15) ANY SEDIMENT THAT ESCAPES THE SITE MUST BE IMMEDIATELY REMOVED AND PERMANENTLY STABILIZED ONSITE. REPLACEMENT OR REPAIRS TO ANY DEFECTIVE PORTION OF SILT FENCE MUST BE MADE IMMEDIATELY TO PREVENT FURTHER ESCAPE OF SEDIMENT.

16) SEDIMENT STORAGE INDICATORS MUST BE INSTALLED IN SEDIMENT STORAGE STRUCTURES, INDICATING THE 1/3 FULL VOLUME. A STAKE WITH MEASUREMENT MARKINGS THAT INDICATE THE 1/3 VOLUME IS AN ACCEPTABLE SEDIMENT STORAGE INDICATOR.

17) THE CONTRACTOR SHALL REMOVE ACCUMULATED SILT WHEN THE ACCUMULATED SILT IS ONE-THIRD (1/3) FULL FOR ALL EROSION & SEDIMENT CONTROL STRUCTURES. BASED ON THE AMOUNT OF SEDIMENT AND THE SIZE OF THE CONTROL MEASURE, SEDIMENT WILL BE REMOVED WITH A SHOVEL OR ONSITE EQUIPMENT TO MAINTAIN BMPS. THE SEDIMENT THAT IS REMOVED MUST BE PERMANENTLY STABILIZED.

18) ALL SILT BARRIERS MUST BE PLACED AS ACCESS IS OBTAINED DURING CLEARING. NO GRADING SHALL TAKE PLACE UNTIL SILT BARRIER INSTALLATION IS COMPLETE.

19) SILT BARRIERS SHALL BE PLACED AS SHOWN AND/OR AS DIRECTED BY THE PROJECT ENGINEER AND/OR COUNTY INSPECTORS.

20) ALL FILL SLOPES SHALL HAVE SILT FENCE PLACED AT THE SLOPE'S TOE.

21) SEDIMENT MUST BE PREVENTED FROM ENTERING STORM INLETS BY USING THE SPECIFIED INLET PROTECTION ON THIS SHEET. IF SEDIMENT ENTERS STORM DRAINAGE STRUCTURES AND PIPES, THE CONTRACTOR MUST REMOVE THE ACCUMULATED SEDIMENT IMMEDIATELY AND IT MUST BE PERMANENTLY STABILIZED.

22) ALL DRAINAGE STRUCTURES SHALL HAVE RING AND COVER ACCESS.

23) LENGTH OF STORM WATER OUTFALL STRUCTURE RIP-RAP SHALL BE AT LEAST 6 TIMES THE DIAMETER OF THE STORM DRAIN PIPE.

24) ALL FILL AREAS AND DITCH WORK ON THIS SITE SHALL BE COMPACTED TO A MINIMUM 95% STANDARD PROCTOR.

25) DUST WILL BE CONTROLLED BY SPRINKLING WATER ON DISTURBED AREAS PER THE ALABAMA EROSION AND SEDIMENT CONTROL HANDBOOK.

26) SEDIMENT TRACKED INTO THE STREET MUST BE REMOVED BY THE CONTRACTOR. A SQUARE-ENDED SHOVEL AND BROOM WILL BE USED TO REMOVE SEDIMENT FROM STREETS. SEDIMENT IN THE STREET SHOULD NOT BE WASHED INTO STORM INLETS UNDER ANY CIRCUMSTANCES. PERMANENTLY STABILIZE ANY SEDIMENT REMOVED FROM STREET.

27) TOPSOIL SHALL BE STOCKPILED AND USED TO DRESS FINAL GRADES.

28) ALL TEMPORARY AND PERMANENT SEEDING MUST BE PERFORMED AT THE APPROPRIATE SEASON. ADDITIONAL PLANTINGS WILL BE NECESSARY IF A SUFFICIENT STAND OF GRASS FAILS TO GROW.

29) ALL SLOPES AND AREAS DISTURBED DURING CONSTRUCTION SHALL BE GRADED SMOOTH AND 4" OF TOPSOIL APPLIED. THE AREA SHALL THEN BE SEEDED, FERTILIZED, MULCHED, WATERED AND MAINTAINED UNTIL A HEALTHY STAND OF PERMANENT VEGETATION HAS BEEN ESTABLISHED FOR ALL DISTURBED AREAS.

30) CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING EROSION CONTROL MEASURES UNTIL CONSTRUCTION IS COMPLETE AND PERMANENT VEGETATION HAS BEEN ESTABLISHED.

31) PERMITTEES ARE RESPONSIBLE FOR RETURNING AREAS DISTURBED TO THE CONDITION PRIOR TO DISTURBANCE (TO INCLUDE SEEDING, MULCHING, AND SODDING ALL DISTURBED AREAS.

32) NO PORTION OF THE SUBJECT PROPERTY LIES WITHIN A 100 YEAR FLOOD HAZARD AREA PER FIRM MAP NUMBER 01081C0204H DATED 01/17/2025.

33) ALL OPEN DRAINAGE SWALES MUST BE GRASSED AND RIP-RAP PLACED AS REQUIRED TO PREVENT EROSION.

34) MAXIMUM SLOPES ON CUT OR FILL SECTIONS SHALL NOT EXCEED 3H:1V. SLOPES STEEPER THAN 3H:1V REQUIRE EROSION CONTROL MATTING . CONCENTRATED FLOW AREAS AND ALL SLOPES STEEPER THAN 3H:1V WITH A HEIGHT OF TEN FEET OR GREATER SHALL STABILIZED WITH EROSION CONTROL MATTING AS SPECIFIED ON THE PLAN.

35) THE SITE WILL USE SILT FENCE/SEDIMENT BARRIERS, CHECK DAMS, EXCAVATED INLET TRAPS, PROPOSED STORMWATER STRUCTURES AND PIPES, AND RIP-RAP, TO CONTROL STORM WATER VOLUME AND VELOCITY ON SITE DURING CONSTRUCTION.

36) FLOCCULANTS WILL BE USED ON THIS SITE. CONTRACTOR MUST TEST FLOCCULANT ONSITE TO ENSURE IT IS EFFECTIVE WITH SOIL. MSDS SHEETS MUST BE STORED AND MADE AVAILABLE ONSITE.

37) THE RECEIVING WATER IS TRIBUTARY OF MOORES MILL CREEK.

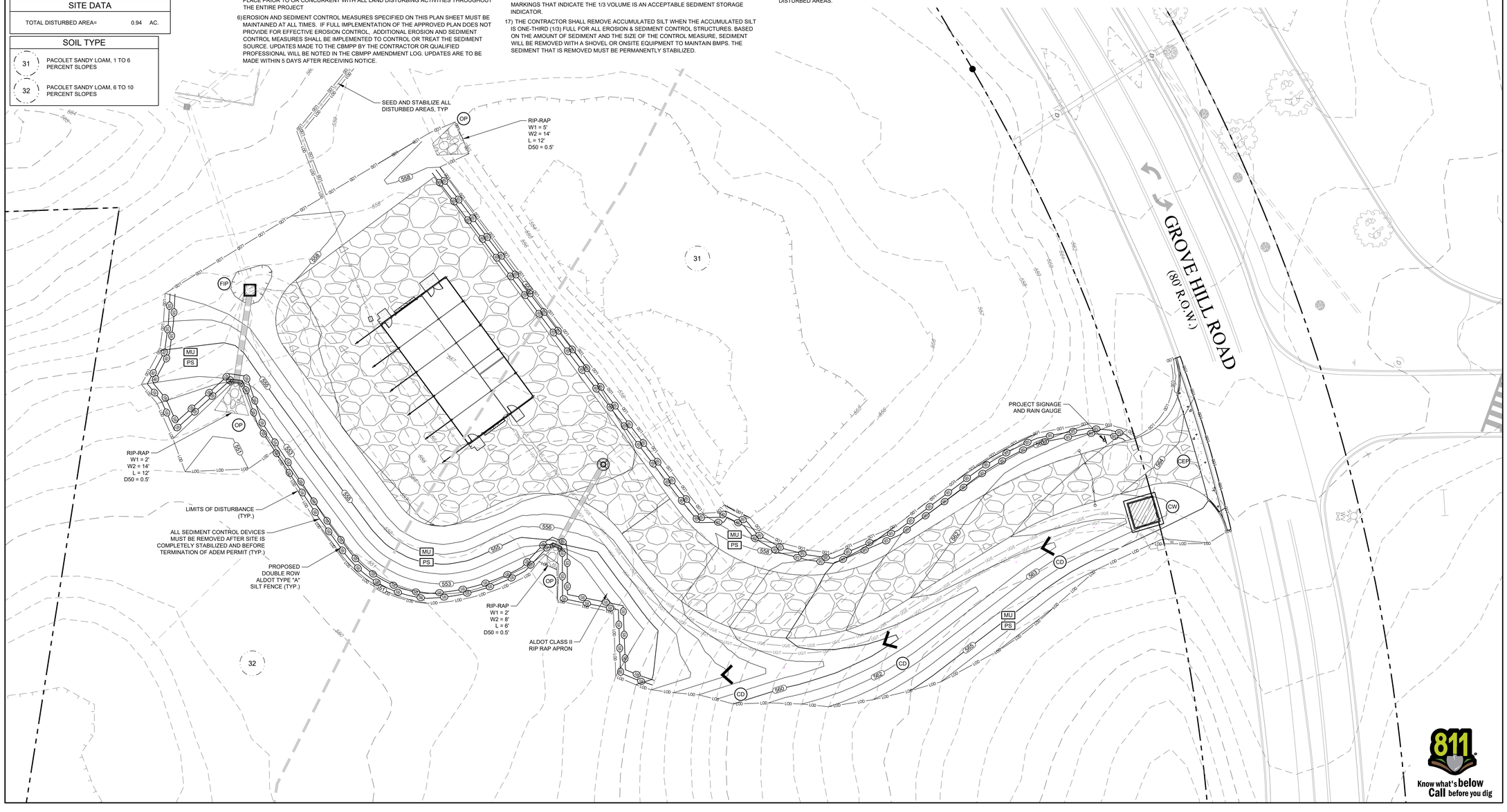
43) IF DEWATERING ACTIVITIES OCCUR, IMPLEMENT PROPER FILTRATION PRIOR TO DISCHARGING STORMWATER.

1" = 20'

20 10 0 20 40

SCALE IN FEET

N



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ENGINEER:

FORESITE group

Foresite Group, LLC
2301 Ogletree Village Lane
Suite 200
Auburn, AL 36830

o | 334.887.6064
f | 334.887.6024
w | www.foresitegroup.net

OWNER:

CITY OF AUBURN
144 TICHENOR AVENUE
AUBURN, AL 36830

CONTACT: HOLLAND DANIEL

PROJECT:

LAKE WILMORE MAINTENANCE BUILDING

709 OGLETREE ROAD
AUBURN, LEE COUNTY, AL 36830
SECTION 8, TOWNSHIP 18 N, RANGE 26 E

SEAL:

ALABAMA LICENSED No. 27893 PROFESSIONAL ENGINEER BRETT C. BASQUIN

8/24/2026

Brett C Basquin

REVISIONS	DATE
60% CIVIL PLANS	07/01/2026
CITY COMMENTS	07/09/2026
CITY COMMENTS	07/16/2026
CITY COMMENTS	08/24/2026

PROJECT MANAGER:	BCB
DRAWING BY:	JMR
JURISDICTION:	AUBURN, AL
DATE:	07/01/2026
SCALE:	1" = 20'

TITLE:

FINAL EROSION & SEDIMENT CONTROL PLAN

SHEET NUMBER:

C-3.1

COMMENTS: <NOT RELEASED FOR CONSTRUCTION>

JOB/FILE NUMBER: 2062.004

EROSION CONTROL NOTES:

1) IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN QUALIFIED PROFESSIONAL ADVICE WHEN QUESTIONS ARISE CONCERNING DESIGN AND EFFECTIVENESS OF EROSION CONTROL DEVICES. 24 HR CONTACT: **BRETT BASQUIN, P.E. (334) 887-6064** FORESITE GROUP, LLC.

2) THE CONTRACTOR IS RESPONSIBLE FOR MEETING THE REQUIREMENTS OF THE ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT (ADEM) ADMIN. CODE 335-6 (VOLUME 1). CONTRACTOR IS FULLY RESPONSIBLE FOR MEETING THE FOLLOWING REQUIREMENTS INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
   A. DUTY TO MITIGATE ADVERSE IMPACTS
   B. DISCHARGES CANNOT VIOLATE WATER QUALITY STANDARDS
   C. CONSTRUCTION BEST MANAGEMENT PRACTICES (CBMPP) MAINTAINED ON SITE BY A QUALIFIED CREDENTIALED PROFESSIONAL (QCI OR QCP).
   D. EFFECTIVE EROSION AND SEDIMENT CONTROL MEASURES IMPLEMENTED AT ALL TIMES
   E. REGULAR COMPREHENSIVE INSPECTIONS OF SITE AND DOWNSTREAM CHANNEL
   F. COPIES OF INSPECTION REPORTS MAINTAINED
   G. DETAILED LOGS MAINTAINED
   H. SPILL AND CHEMICAL CONTROLS IMPLEMENTED- STORM WATER POLLUTION CONTROL PLAN AND MATERIAL SAFETY DATA SHEETS.
   I. CANNOT DISCHARGE OTHER POLLUTANTS OR WASTES
   J. THE NOTICE OF INTENT ID AND A RAIN GAUGE SHALL BE INSTALLED AND VISIBLE ON-SITE FROM THE RIGHT OF WAY.

3) THE PROFESSIONAL WHO SEALS THIS PLAN CERTIFIES UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY THE PROFESSIONAL OR THE PROFESSIONAL'S AUTHORIZED AGENT, UNDER THE PROFESSIONAL'S DIRECT SUPERVISION.

4) ALL CONSTRUCTION SHALL COMPLY WITH THE SPECIFICATIONS AND PROCEDURES DETAILED IN THE CURRENT DEVELOPMENT REGULATIONS OF CITY OF AUBURN AND THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN ALABAMA.

5) THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES SHALL TAKE PLACE PRIOR TO OR CONCURRENT WITH ALL LAND DISTURBING ACTIVITIES THROUGHOUT THE ENTIRE PROJECT

6) EROSION AND SEDIMENT CONTROL MEASURES SPECIFIED ON PLAN SHEETS C-4, C-4.1, AND C-4.2 MUST 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. UPDATES MADE TO THE CBMPP BY THE CONTRACTOR OR QUALIFIED PROFESSIONAL WILL BE NOTED IN THE CBMPP AMENDMENT LOG. UPDATES ARE TO BE MADE WITHIN 5 DAYS AFTER RECEIVING NOTICE.

7) THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES SPECIFIED ON PLAN SHEETS C-4, C-4.1, AND C-4.2 PRIOR TO ALL LAND DISTURBING ACTIVITIES THROUGHOUT THE ENTIRE PROJECT.

8) MAINTENANCE OF ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES, WHETHER TEMPORARY OR PERMANENT, SHALL BE AT ALL TIMES THE RESPONSIBILITY OF THE PERMITTEE.

9) EROSION CONTROL DEVICES THAT ARE INSTALLED AS DIRECTED BY THE LAND DEVELOPMENT INSPECTOR BUT NOT SHOWN ON THE APPROVED PLAN AND WHICH ALSO SUBSEQUENTLY FAIL, ARE THE RESPONSIBILITY OF THE CONTRACTOR.

10) TEMPORARY STABILIZATION OF DISTURBED AREAS MUST BE INITIATED IMMEDIATELY WHENEVER WORK TOWARD PROJECT COMPLETION AND FINAL STABILIZATION OF ANY PORTION OF THE SITE HAS TEMPORARILY CEASED AND WILL NOT RESUME FOR A PERIOD EXCEEDING THIRTEEN (13) CALENDAR DAYS.

11) SITE INSPECTIONS ARE TO BE CONDUCTED AS REQUIRED BY THE GENERAL NPDES PERMIT. SEE SECTION TITLED "PERMITTEE REQUIREMENTS FOR INSPECTION" ON THIS SHEET FOR SPECIFIC REQUIREMENTS.

12) PRIOR TO ANY OTHER CONSTRUCTION, A STABILIZED CONSTRUCTION ENTRANCE SHALL BE INSTALLED AT EACH POINT OF ENTRY TO OR EXIT FROM THE SITE. ANY MUD, DIRT, OR ROCK TRACKED FROM THE SITE WILL BE CLEANED AS NECESSARY. DUMP TRUCKS HAULING MATERIAL FROM THE CONSTRUCTION SITE SHALL BE COVERED WITH A TARPAULIN.

13) PRIOR TO COMMENCING LAND DISTURBING ACTIVITY, THE LIMITS OF DISTURBANCE SHALL BE CLEARLY AND ACCURATELY MARKED WITH STAKES, RIBBON OR OTHER APPROPRIATE MEANS. THE LOCATION AND EXTENT OF ALL AUTHORIZED LAND DISTURBANCE SHALL BE DEMARCATED FOR THE DURATION OF THE CONSTRUCTION ACTIVITY. NO LAND DISTURBANCE SHALL OCCUR OUTSIDE THE APPROVED LIMITS INDICATED ON THE APPROVED PLANS.

14) IMMEDIATELY AFTER THE ESTABLISHMENT OF CONSTRUCTION ENTRANCE/EXITS, ALL PERIMETER EROSION CONTROL SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION.

15) ANY SEDIMENT THAT ESCAPES THE SITE MUST BE IMMEDIATELY REMOVED AND PERMANENTLY STABILIZED ONSITE. REPLACEMENT OR REPAIRS TO ANY DEFECTIVE PORTION OF SILT FENCE MUST BE MADE IMMEDIATELY TO PREVENT FURTHER ESCAPE OF SEDIMENT.

16) SEDIMENT STORAGE INDICATORS MUST BE INSTALLED IN SEDIMENT STORAGE STRUCTURES, INDICATING THE 1/3 FULL VOLUME. A STAKE WITH MEASUREMENT MARKINGS THAT INDICATE THE 1/3 VOLUME IS AN ACCEPTABLE SEDIMENT STORAGE INDICATOR.

17) THE CONTRACTOR SHALL REMOVE ACCUMULATED SILT WHEN THE ACCUMULATED SILT IS ONE-THIRD (1/3) FULL FOR ALL EROSION & SEDIMENT CONTROL STRUCTURES. BASED ON THE AMOUNT OF SEDIMENT AND THE SIZE OF THE CONTROL MEASURE, SEDIMENT WILL BE REMOVED WITH A SHOVEL OR ONSITE EQUIPMENT TO MAINTAIN BMPS. THE SEDIMENT THAT IS REMOVED MUST BE PERMANENTLY STABILIZED.

18) ALL SILT BARRIERS MUST BE PLACED AS ACCESS IS OBTAINED DURING CLEARING. NO GRADING SHALL TAKE PLACE UNTIL SILT BARRIER INSTALLATION IS COMPLETE.

19) SILT BARRIERS SHALL BE PLACED AS SHOWN AND/OR AS DIRECTED BY THE PROJECT ENGINEER AND/OR COUNTY INSPECTORS.

20) ALL FILL SLOPES SHALL HAVE SILT FENCE PLACED AT THE SLOPE'S TOE.

21) SEDIMENT MUST BE PREVENTED FROM ENTERING STORM INLETS BY USING THE SPECIFIED INLET PROTECTION ON SHEETS C-4, C-4.1, AND C-4.2. IF SEDIMENT ENTERS STORM DRAINAGE STRUCTURES AND PIPES, THE CONTRACTOR MUST REMOVE THE ACCUMULATED SEDIMENT IMMEDIATELY AND IT MUST BE PERMANENTLY STABILIZED.

22) ALL DRAINAGE STRUCTURES SHALL HAVE RING AND COVER ACCESS.

23) LENGTH OF STORM WATER OUTFALL STRUCTURE RIP-RAP SHALL BE AT LEAST 6 TIMES THE DIAMETER OF THE STORM DRAIN PIPE.

24) ALL FILL AREAS AND DITCH WORK ON THIS SITE SHALL BE COMPACTED TO A MINIMUM 95% STANDARD PROCTOR.

25) DUST WILL BE CONTROLLED BY SPRINKLING WATER ON DISTURBED AREAS PER THE ALABAMA EROSION AND SEDIMENT CONTROL HANDBOOK.

26) SEDIMENT THAT HAS BEEN TRACKED-OUT FROM SITE ONTO PAVED ROADS, SIDEWALKS, OR OTHER PAVED AREAS OUTSIDE OF SITE BOUNDARIES SHOULD BE REMOVED BY THE END OF THE SAME BUSINESS DAY AND/OR NORMAL OPERATING HOURS. REMOVAL SHALL BE BY SWEEPING, SHOVELING, OR VACUUMING THE SURFACES. REMOVAL BY HOSING OR SWEEPING TRACKED OUT SEDIMENT INTO ANY STORMWATER CONVEYANCE, STORM DRAIN INLET, OR WATER OF THE STATE IS PROHIBITED.

27) TOPSOIL SHALL BE STOCKPILED AND USED TO DRESS FINAL GRADES.

28) ALL TEMPORARY AND PERMANENT SEEDING MUST BE PERFORMED AT THE APPROPRIATE SEASON. ADDITIONAL PLANTINGS WILL BE NECESSARY IF A SUFFICIENT STAND OF GRASS FAILS TO GROW.

29) ALL SLOPES AND AREAS DISTURBED DURING CONSTRUCTION SHALL BE GRADED SMOOTH AND 4" OF TOPSOIL APPLIED. THE AREA SHALL THEN BE SEEDED, FERTILIZED, MULCHED, WATERED AND MAINTAINED UNTIL A HEALTHY STAND OF PERMANENT VEGETATION HAS BEEN ESTABLISHED FOR ALL DISTURBED AREAS.

30) CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING EROSION CONTROL MEASURES UNTIL CONSTRUCTION IS COMPLETE AND PERMANENT VEGETATION HAS BEEN ESTABLISHED.

31) PERMITTEES ARE RESPONSIBLE FOR RETURNING AREAS DISTURBED TO THE CONDITION PRIOR TO DISTURBANCE (TO INCLUDE SEEDING, MULCHING, AND SODDING ALL DISTURBED AREAS.

32) NO PORTION OF THE SUBJECT PROPERTY LIES WITHIN A 100 YEAR FLOOD HAZARD AREA PER FIRM MAP NUMBER 01081C0204H DATED 01/17/2025.

33) WHERE APPLICABLE, EACH INDIVIDUAL LOT BUILDER SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING EROSION CONTROL MEASURES ON THEIR OWN LOT.

34) A 25-FOOT UNDISTURBED BUFFER IS TO BE MAINTAINED ADJACENT TO ALL STREAMS.

35) TWO ROWS OF ALDOT TYPE A SILT FENCE SHALL BE INSTALLED ADJACENT TO STATE WATERS AND WILL PROTECT STATE WATERS FROM ANY LAND DISTURBING ACTIVITIES.

36) ALL LOTS WITH WETLANDS OR WITHIN A DAM ZONE SHALL BE DENOTED WITH AN ASTERISK.

37) APPROVAL OF THESE PLANS DOES NOT CONSTITUTE APPROVAL BY CITY OF AUBURN OR ADEM OF ANY LAND DISTURBING ACTIVITIES WITHIN WETLAND AREAS AND/OR WHICH MAY IMPACT ENDANGERED SPECIES. IT IS THE RESPONSIBILITY OF THE PROPERTY OWNER TO CONTACT THE APPROPRIATE REGULATORY AGENCY FOR APPROVAL OF ANY DISTURBANCE WHICH MAY HAVE THIS EFFECT.

38) DETENTION POND, DETENTION OUTLET STRUCTURES AND TEMPORARY SEDIMENT POND FEATURES ARE TO BE CONSTRUCTED AND FULLY OPERATIONAL PRIOR TO ANY OTHER CONSTRUCTION.

39) ALL OPEN DRAINAGE SWALES MUST BE GRASSED AND RIP-RAP PLACED AS REQUIRED TO PREVENT EROSION.

40) MAXIMUM SLOPES ON CUT OR FILL SECTIONS SHALL NOT EXCEED 3H:1V. SLOPES STEEPER THAN 3H:1V REQUIRE A WAIVER FROM THE CITY.CONCENTRATED FLOW AREAS AND ALL SLOPES STEEPER THAN 3H:1V WITH A HEIGHT OF TEN FEET OR GREATER SHALL STABILIZED WITH EROSION CONTROL MATTING AS SPECIFIED ON THE PLAN. SLOPES STEEPER THAN 3H:1V REQUIRE A WAIVER FROM THE CITY.

41) THE SITE WILL USE TEMPORARY SEDIMENT BASINS, WATTLES, EXCAVATED INLET TRAPS, PROPOSED STORMWATER STRUCTURES AND PIPES, RIP-RAP, AND THE PROPOSED DETENTION FACILITY TO CONTROL STORM WATER VOLUME AND VELOCITY ON SITE DURING CONSTRUCTION.

42) FLOCCULANTS WILL BE USED ON THIS SITE. CONTRACTOR MUST TEST FLOCCULANT ONSITE TO ENSURE IT IS EFFECTIVE WITH SOIL. MSDS SHEETS MUST BE STORED AND MADE AVAILABLE ONSITE.

43) CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY UPON START OF CONSTRUCTION IN ORDER FOR ENGINEER TO SCHEDULE THE INITIAL 7 DAY EROSION CONTROL INSPECTION.

CERTIFICATION STATEMENT:

"I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS."

SIGNATURE OF ENGINEER	DATE
<############>	PROJECT MANAGER
CERTIFICATION #	TITLE

GENERAL NOTES:

THIS PLAN INCLUDES, AS A MINIMUM, BEST MANAGEMENT PRACTICES, INCLUDING SOUND CONSERVATION AND ENGINEERING PRACTICES TO PREVENT AND MINIMIZE EROSION AND RESULTANT SEDIMENTATION, WHICH ARE CONSISTENT WITH, AND NO LESS STRINGENT THAN, THOSE PRACTICES CONTAINED IN THE "ALABAMA EROSION AND SEDIMENT CONTROL HANDBOOK" (MANUAL) PUBLISHED BY THE STATE SOIL AND WATER CONSERVATION COMMISSION AS OF JANUARY 1 OF THE YEAR IN WHICH THE LAND DISTURBING ACTIVITY WAS PERMITTED, AS WELL AS THE FOLLOWING:

1) STRIPPING OF VEGETATION, CUT AND FILL OPERATIONS, AND OTHER DEVELOPMENT ACTIVITIES WILL BE CONDUCTED IN A MANNER SO AS TO MINIMIZE EROSION AND SOIL EXPOSURE.

2) DEVELOPMENT PLANS CONFORM TO TOPOGRAPHY AND SOIL TYPE, SO AS TO CREATE THE LOWEST PRACTICABLE EROSION POTENTIAL.

3) THE DISTURBED AREA AND THE DURATION OF EXPOSURE TO EROSIVE ELEMENTS WILL BE KEPT TO A PRACTICAL MINIMUM. WHENEVER FEASIBLE, NATURAL VEGETATION WILL BE RETAINED, PROTECTED, AND SUPPLEMENTED.

4) TEMPORARY STABILIZATION OF DISTURBED AREAS MUST BE INITIATED IMMEDIATELY WHENEVER WORK TOWARD PROJECT COMPLETION AND FINAL STABILIZATION OF ANY PORTION OF THE SITE HAS TEMPORARILY CEASED AND WILL NOT RESUME FOR A PERIOD EXCEEDING THIRTEEN (13) CALENDAR DAYS.

5) PERMANENT VEGETATION AND STRUCTURAL EROSION CONTROL MEASURES MUST BE INSTALLED IMMEDIATELY, AS DIRECTLY BY THE BMP PHASING TIMELINE.

6) SEDIMENT IN RUN-OFF WATER WILL BE TRAPPED BY THE USE OF THE SEDIMENT STORAGE DEVICES DEPICTED ON SHEETS C-4, C-4.1, AND C-4.2, UNTIL THE DISTURBED AREA IS STABILIZED.

7) CUTS AND FILLS WILL NOT ENDANGER ADJOINING PROPERTY.

8) FILLS WILL NOT ENCROACH UPON NATURAL WATER COURSES OR CONSTRUCTED CHANNELS IN A MANNER SO AS TO ADVERSELY AFFECT OTHER PROPERTY OWNERS;

9) PROVISIONS ARE PROVIDED FOR TREATMENT OR CONTROL OF ANY SOURCE OF SEDIMENTS AND ADEQUATE SEDIMENTATION CONTROL FACILITIES TO RETAIN SEDIMENTS ON SITE OR PRECLUDE SEDIMENTATION OF ADJACENT WATERS BEYOND THE LEVELS SPECIFIED IN THE GENERAL NPDES PERMIT.

10) FOR COMMON DRAINAGE LOCATIONS A TEMPORARY (OR PERMANENT) SEDIMENT BASIN PROVIDING AT LEAST 3600 CUBIC FEET OF STORAGE PER ACRE DRAINED, OR EQUIVALENT CONTROL MEASURES, SHALL BE PROVIDED UNTIL FINAL STABILIZATION OF THE SITE. THE 3600 CUBIC FEET OF STORAGE AREA PER ACRE DRAINED DOES NOT APPLY TO FLOWS FROM OFF-SITE AREAS AND FLOWS FROM ON-SITE AREAS THAT ARE EITHER UNDISTURBED OR HAVE UNDERGONE FINAL STABILIZATION WHERE SUCH FLOWS ARE DIVERTED AROUND BOTH THE DISTURBED AREA AND THE SEDIMENT BASIN. FOR DRAINAGE LOCATIONS WHERE A TEMPORARY SEDIMENT BASIN PROVIDING AT LEAST 3600 CUBIC FEET OF STORAGE PER ACRE DRAINED, OR EQUIVALENT CONTROLS IS NOT ATTAINABLE, SEDIMENT TRAPS, SILT FENCES, OR EQUIVALENT SEDIMENT CONTROLS ARE REQUIRED FOR ALL SIDE SLOPE AND DOWN SLOPE BOUNDARIES OF THE CONSTRUCTION AREA. WHEN THE SEDIMENT FILLS TO A VOLUME AT MOST OF 1200 CUBIC FEET PER ACRE FOR EACH DRAINAGE AREA, THE SEDIMENT SHALL BE REMOVED TO RESTORE THE ORIGINAL DESIGN VOLUME. THIS SEDIMENT MUST BE PROPERLY DISPOSED

11) NO SOLID MATERIALS, INCLUDING BUILDING MATERIALS, SHALL BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.

12) OFF SITE VEHICLE TRACKING OF DIRT, SOILS, AND SEDIMENTS AND THE GENERATION OF DUST SHALL BE MINIMIZED OR ELIMINATED BY USING CONSTRUCTION EXIT PADS.

13) ALL LOTS AND DEVELOPMENT AREAS SHALL MAINTAIN COMPLIANCE WITH APPLICABLE STATE AND/OR LOCAL WASTE DISPOSAL, SANITARY SEWER OR SEPTIC SYSTEM REGULATIONS.

14) A COPY OF THE APPROVED LAND DISTURBANCE PLAN AND PERMIT SHALL BE PRESENT ON THE SITE WHENEVER LAND DISTURBANCE ACTIVITY IS IN PROGRESS.

15) THERE SHALL BE NO ON-SITE STORAGE OF PETROLEUM. MOBILE PETROLEUM TRUCKS SHALL BE USED TO FUEL CONSTRUCTION EQUIPMENT ON-SITE. NOTHING IN THIS PERMIT SHALL BE CONSTRUED TO PRECLUDE THE INSTITUTION OF ANY LEGAL ACTION OR RELIEVE THE PERMITTEE OR OPERATOR FROM ANY RESPONSIBILITIES, LIABILITIES, OR PENALTIES TO WHICH THE PERMITTEE OR OPERATOR IS OR MAY BE SUBJECT UNDER THE SECTION 311 OF THE CLEAN WATER ACT OR SECTION 106 OF COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY ACT.

16) IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE A "QUALIFIED PROFESSIONAL" INSPECT AND REPORT ALL DEFICIENCIES OF ALL EROSION CONTROL MEASURES AT A MINIMUM OF ONCE A MONTH AND WITHIN 24 HOURS OF EVERY 3/4" RAIN EVENT.

17) AMENDMENTS/REVISIONS TO THE ES&PC PLAN WHICH HAVE A SIGNIFICANT EFFECT ON BMP'S WITH A HYDRAULIC COMPONENT MUST BE CERTIFIED BY THE DESIGN PROFESSIONAL.

18) THE DESIGN PROFESSIONAL OR DESIGNEE IS TO INSPECT THE INSTALLATION OF THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROL BMP'S WITHIN 7 DAYS AFTER INSTALLATION.

19) CONTRACTOR SHALL SUBMIT MATERIAL SAFETY DATA SHEETS (MSDS) BEFORE ANIONIC POLYMERS OR POLYACRYLAMIDES (PAM) CAN BE APPLIED.

20) PHASING OF CONSTRUCTION ACTIVITY: ONE PHASE.

21) ANY PORTABLE TOILETS ONSITE SHOULD BE KEPT ON LEVEL GROUND AND AWAY FROM INLETS OR WATERWAYS.

22) GRADING EQUIPMENT WILL CROSS FLOWING STREAMS BY THE MEANS OF BRIDGES OR CULVERTS, EXCEPT WHEN SUCH METHODS ARE NOT FEASIBLE, PROVIDED IN ANY CASE THAT SUCH CROSSINGS ARE KEPT TO A MINIMUM;

23) NO CONSTRUCTION ACTIVITIES SHALL BE CONDUCTED WITHIN A 25 FOOT BUFFER ALONG THE BANKS OF ALL STATE WATERS, AS MEASURED HORIZONTALLY FROM THE POINT WHERE VEGETATION HAS BEEN WRESTED BY NORMAL STREAM FLOW OR WAVE ACTION, EXCEPT WHERE THE CITY OR COUNTY HAS DETERMINED TO ALLOW A VARIANCE OR WHERE A DRAINAGE STRUCTURE OR A ROADWAY STRUCTURE MUST BE CONSTRUCTED, PROVIDED THAT ADEQUATE EROSION CONTROL MEASURES ARE INCORPORATED IN THE PROJECT PLANS AND SPECIFICATIONS AND ARE IMPLEMENTED.

RETENTION OF RECORDS:

1) THE PRIMARY PERMITTEE SHALL RETAIN THE FOLLOWING RECORDS AT THE CONSTRUCTION SITE OR THE RECORDS SHALL BE READILY AVAILABLE AT A DESIGNATED ALTERNATE LOCATION FROM COMMENCEMENT OF CONSTRUCTION UNTIL SUCH TIME AS A NOT IS SUBMITTED:

A. A COPY OF ALL NOTICES OF INTENT SUBMITTED TO ADEM;
B. A COPY OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN REQUIRED BY THIS PERMIT;
C. THE DESIGN PROFESSIONAL'S REPORT OF THE RESULTS OF THE INSPECTION CONDUCTED IN ACCORDANCE WITH THIS PERMIT;
D. A COPY OF ALL MONITORING INFORMATION, RESULTS, AND REPORTS REQUIRED BY THIS PERMIT;
E. A COPY OF ALL INSPECTION REPORTS GENERATED IN ACCORDANCE WITH THIS PERMIT;
F. A COPY OF ALL VIOLATION SUMMARIES AND VIOLATION SUMMARY REPORTS GENERATED IN ACCORDANCE WITH THIS PERMIT.
G. DAILY RAINFALL INFORMATION COLLECTED IN ACCORDANCE WITH THIS PERMIT; AND
H. DATES OF GRADING, CONSTRUCTION ACTIVITY, AND STABILIZATION.

2) COPIES OF ALL NOI'S, NOT'S, REPORTS, PLANS, MONITORING REPORTS, MONITORING INFORMATION, INCLUDING ALL CALIBRATION AND MAINTENANCE RECORDS AND ALL ORIGINAL STRIP CHART RECORDINGS FOR CONTINUOUS MONITORING INSTRUMENTATION, EROSION, SEDIMENTATION AND POLLUTION CONTROL PLANS, RECORDS OF ALL DATA USED TO COMPLETE THE NOTICE OF INTENT TO BE COVERED BY THIS PERMIT AND ALL OTHER RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED BY THE PERMITTEE WHO EITHER PRODUCED OR USED IT FOR A PERIOD OF AT LEAST THREE YEARS FROM THE DATE THAT THE NOT IS SUBMITTED IN ACCORDANCE WITH PART VI OF THIS PERMIT. THESE RECORDS MUST BE MAINTAINED AT THE PERMITTEE'S PRIMARY PLACE OF BUSINESS OR AT A DESIGNATED ALTERNATIVE LOCATION ONCE THE CONSTRUCTION ACTIVITY HAS CEASED AT THE PERMITTED SITE. THIS PERIOD MAY BE EXTENDED BY REQUEST OF ADEM AT ANY TIME UPON WRITTEN NOTIFICATION TO THE PERMITTEE.

811 Know what's below Call before you dig

PERMITTEE REQUIREMENTS FOR INSPECTION:

1) PRE-CONSTRUCTION OBSERVATIONS

A. A PRE-CONSTRUCTION SITE INSPECTION SHALL BE CONDUCTED PRIOR TO THE PLACEMENT OF ANY BMPs, OR THE COMMENCEMENT OF LAND DISTURBING ACTIVITIES.
B. PRE-CONSTRUCTION INSPECTION SHALL CONSIST OF A COMPLETE COMPREHENSIVE INSPECTION OF THE ENTIRE PROPOSED CONSTRUCTION SITE INCLUDING ALL PROPOSED AREAS OF LAND DISTURBANCE, PROPOSED AREAS USED FOR THE STORAGE OF MATERIALS THAT MAY BE EXPOSED TO PRECIPITATION, AFFECTED DITCHES, AND OTHER STORMWATER CONVEYANCES, AS WELL AS ALL PROPOSED OUTFALLS, RECEIVING WATERS AND STREAM BANKS TO DETERMINE IF THERE ARE PRE-EXISTING AREAS OF CONCERN.
C. PRE-CONSTRUCTION INSPECTIONS SHALL BE CONDUCTED BY THE QCP OR A QUALIFIED PERSON UNDER DIRECT SUPERVISION OF A QCP.
D. THE INSPECTION SHALL BE DOCUMENTED AND MADE AVAILABLE TO ADEM UPON REQUEST.
E. PRE-CONSTRUCTION INSPECTION SHALL INCLUDE DATED ELECTRONIC PHOTOGRAPHIC DOCUMENTATION OF ALL AREAS DESCRIBED IN PARAGRAPH (B) ABOVE.
F. THE PERMITTEE SHALL MAINTAIN RECORD OF THE PRE-CONSTRUCTION SITE INSPECTION.

2) DAILY OBSERVATIONS

A. EACH DAY THERE IS ACTIVITY AT THE SITE, THE PERMITTEE SHALL VISUALLY OBSERVE THAT PORTION OF THE CONSTRUCTION PROJECT WHERE ACTIVE DISTURBANCE, WORK, OR CONSTRUCTION OCCURRED TO NOTE ANY RAINFALL MEASUREMENTS OCCURRING SINCE THE PREVIOUS OBSERVATION, AND ANY APPARENT BMP DEFICIENCIES IN THE AREA OF ACTIVE DISTURBANCE.
B. SUCH DAILY OBSERVATIONS MAY BE PERFORMED BY APPROPRIATE SITE PERSONNEL
C. THE PERMITTEE SHALL MAINTAIN A LOG OF ALL DAILY OBSERVATIONS AND RECORD IN SUCH LOG ANY RAINFALL MEASUREMENTS AND BMP DEFICIENCIES OBSERVED.

3) SITE INSPECTIONS

A. A SITE INSPECTION SHALL CONSIST OF A COMPLETE AND COMPREHENSIVE OBSERVATION OF THE ENTIRE CONSTRUCTION SITE INCLUDING ALL AREAS OF LAND DISTURBANCE, AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION, AFFECTED DITCHES, AND OTHER STORMWATER CONVEYANCES AS WELL AS ALL OUTFALLS, RECEIVING WATERS AND STREAM BANKS TO DETERMINE IF AND ENSURE THAT.
   (i) EFFECTIVE EROSION CONTROLS AND SEDIMENT CONTROLS HAVE BEEN FULY IMPLEMENTED AND MAINTAINED IN ACCORDANCE WITH THIS PERMIT, THE SITE CBMPP, AND THE ALABAMA HANDBOOK;
   (ii) POLLUTANT DISCHARGES HAVE BEEN PREVENTED/MINIMIZED TO THE MAXIMUM EXTENT PRACTICABLE, AND
   (iii) DISCHARGES DO NOT RESULT IN A CONTRAVENTION OF APPLICABLE STATE WATER QUALITY STANDARDS FOR THE RECEIVING STREAM(S) OR OTHER WATERS IMPACTED OR AFFECTED BY THE PERMITTEE.
B. SITE INSPECTIONS SHALL BE PERFORMED BY A QCI, QCP, A QUALIFIED PERSON UNDER THE DIRECT SUPERVISION OF A QCP.
C. FOR NON-LINEAR PROJECTS, A SITE INSPECTION SHALL BE PERFORMED ONCE EACH MONTH AND AFTER ANY QUALIFYING PRECIPITATION EVENT, COMMENCING AS PROMPTLY AS POSSIBLE, BUT NO LATER THAN 24-HOURS AFTER RESUMING OR CONTINUING ACTIVE CONSTRUCTION OR DISTURBANCE, AND COMPLETED NO LATER THAN 72-HOURS FOLLOWING THE QUALIFYING PRECIPITATION EVENT;
D. FOR LINEAR PROJECTS WHERE ACTIVE CONSTRUCTION OR AREAS WHERE PERENNIAL VEGETATION HAS NOT BEEN FULLY ESTABLISHED, MEETING THE DEFINITION OF FINAL STABILIZATION, A SITE INSPECTION SHALL BE PERFORMED AT LEAST ONCE A MONTH AND AFTER ANY QUALIFYING PRECIPITATION EVENT SINCE THE LAST INSPECTION, BEGINNING AS PROMPTLY AS POSSIBLE, BUT NO LATER THAN 24-HOURS AFTER RESUMING OR CONTINUING ACTIVE CONSTRUCTION OR DISTURBANCE AND COMPLETED NO LATER THAN FIVE (5) DAYS AFTER THE QUALIFYING PRECIPITATION EVENT;
E. A SITE INSPECTION SHALL ALSO BE PERFORMED AS OFTEN AS IS NECESSARY UNTIL ANY POORLY FUNCTION EROSION CONTROLS OR SEDIMENT CONTROLS, NON-COMPLIANT DISCHARGES, OR ANY OTHER DEFICIENCIES OBSERVED DURING A PRIOR INSPECTION ARE CORRECTED AND DOCUMENTED AS BEING IN COMPLIANCE WITH THE REQUIREMENTS OF THIS PERMIT.
F. ON ALL ACTIVE DISTURBANCE, DREDGING, EXCAVATION, OR CONSTRUCTION UNDERTAKEN OR LOCATED WITHIN THE BANKS OF A WATERBODY, INCLUDING BUT NOT LIMITED TO, EQUIPMENT/VEHICLE CROSSINGS, PIPELINES, OR ANOTHER TRANSMISSION LINE INSTALLATION, CONVEYOR STRUCTURE INSTALLATION, AND WATERBODY RELOCATION, STREAMBANK STABILIZATION, OR OTHER ALTERATIONS, A SITE INSPECTION SHALL BE PERFORMED AT LEAST ONCE A WEEK AND AS OFTEN AS IS NECESSARY UNTIL THE DITRUBANCE/ACTIVITY IMPACTING THE WATERBODY IS COMPLETE AND RECLAMATION OR EFFECTIVE STORMWATER QUALITY REMEDIATION IS ACHIEVED.
G. CONTRACTOR HAS WITHIN 72 HOURS TO TAKE THE CORRECTIVE ACTION TO FIX FOR POORLY FUNCTIONING EROSION AND SEDIMENT CONTROLS PER INSPECTION REPORT.

4) CBMPP EVALUATIONS

A. THE QCP SHALL PERFORM AN ONSITE EVALUATION OF ALL EROSION AND SEDIMENT CONTROLS BEING IMPLEMENTED FOR ADEQUACY AND CONSISTENCY WITH SITE CONDITIONS.
B. THE CBMPP EVALUATION SHALL BE PERFORMED AS OFTEN AS NECESSARY UNTIL POORLY FUNCTIONING OR DAMAGED EROSION CONTROLS OR SEDIMENT CONTROLS ARE CORRECTED AND, AT A MINIMUM, ONCE EVERY THREE (3) MONTHS FOR A PRIORITY CONSTRUCTION SITE OR ONCE EVERY SIX (6) MONTHS FOR NON-PRIORITY CONSTRUCTION SITE.

WASTE DISPOSAL:

1) WASTE MATERIALS: ALL WASTE MATERIALS WILL BE COLLECTED AND STORED TO BE PROPERLY DISPOSED OF AT A LICENSED SOLID WASTE MANAGEMENT COMPANY. LOCATE WASTE COLLECTION AREAS AWAY FROM STREETS, GUTTERS, WATERCOURSES, AND STORM DRAINS. WASTE COLLECTION AREAS, SUCH AS DUMPSTERS, ARE OFTEN BEST LOCATED NEAR CONSTRUCTION SITE ENTRANCES TO MINIMIZE TRAFFIC ON DISTURBED SOIL. DISPOSAL SHALL BE PERIODICALLY AS NEEDED. NO CONSTRUCTION MATERIALS WILL BE BURIED ONSITE. ALL PERSONNEL WILL BE INSTRUCTED CONCERNING WASTE DISPOSAL. THE CONTRACTOR WILL BE RESPONSIBLE FOR THIS INSTRUCTION, AND WILL BE RESPONSIBLE FOR SEEING THAT THESE INSTRUCTIONS ARE FOLLOWED.

2) HAZARDOUS WASTE: ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL OR STATE REGULATION OR BY THE MANUFACTURER. SITE PERSONNEL WILL BE INSTRUCTED IN THESE PRACTICES, AND THE CONTRACTOR WILL BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED.

3) SANITARY WASTE: IF NEEDED, PORTABLE UNITS WILL BE USED TO COLLECT SANITARY WASTE. ALL SANITARY WASTE TO BE DISPOSED OF PROPERLY ACCORDING TO STATE AND FEDERAL CODE.

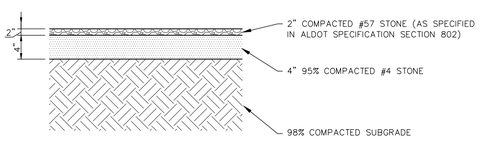
4) CONTRACTOR WILL PROPERLY DISPOSE OF WASTE EVERY MONTH.

QCI DETAILS:

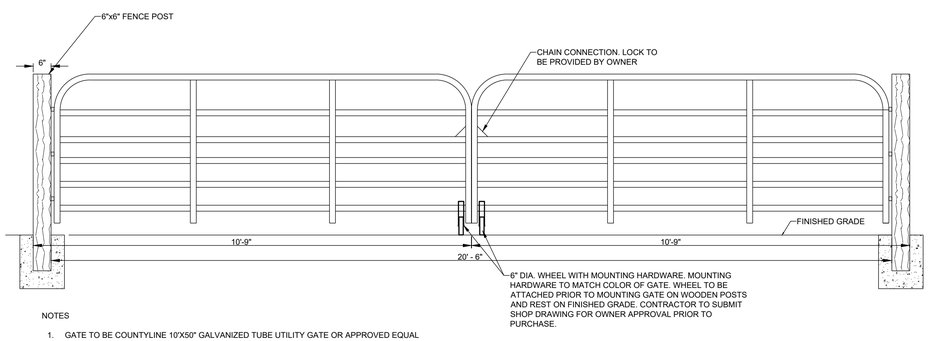
TO BE ASSIGNED

ANTICIPATED ACTIVITY SCHEDULE
BEGIN CONSTRUCTION: SEPTEMBER 1, 2026
END CONSTRUCTION: FEBRUARY 29, 2027

	ACTIVITY	1.0 MTH	2.0 MTH	3.0 MTH	4.0 MTH	5.0 MTH	6.0 MTH
1	INSTALL SE



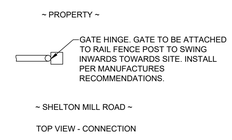
1 / C-4 GRAVEL DRIVEWAY BUILD UP DETAIL
NOT TO SCALE



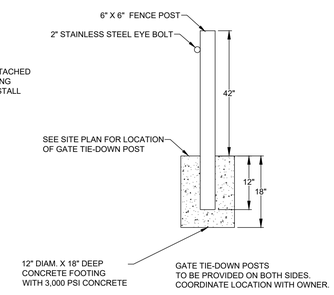
NOTES

1. GATE TO BE COUNTYLINE 10'X50" GALVANIZED TUBE UTILITY GATE OR APPROVED EQUAL
2. INSTALL PER MANUFACTURER'S RECOMMENDATIONS
3. GATE TO BE INSTALLED TO SWING INTERIOR TO PROPERTY.

PRODUCT INFO:
BRAND: COUNTYLINE
PRODUCT: GALVANIZED TUBE GATE, 10 FT.
COLOR: GALVANIZED FINISH
WWW.TRACTORSUPPLY.COM
1-877-718-6750
SUBMIT SHOP DRAWINGS TO OWNER FOR APPROVAL PRIOR TO PURCHASE OR APPROVED EQUAL



TOP VIEW - CONNECTION



C-4 GATE
NOT TO SCALE

ENGINEER:

FORESITE group
Foresite Group, LLC
2301 Ogletree Village Lane
Suite 200
Auburn, AL 36830
o | 334.887.6064
f | 334.887.6024
w | www.foresitegroup.net

OWNER:

CITY OF AUBURN
144 TICHENOR AVENUE
AUBURN, AL 36830

CONTACT: HOLLAND DANIEL

PROJECT:

LAKE WILMORE MAINTENANCE BUILDING

709 OGLETREE ROAD
AUBURN, LEE COUNTY, AL 36830
SECTION 8, TOWNSHIP 18 N, RANGE 26 E

SEAL:

ALABAMA LICENSED No. 27893 PROFESSIONAL ENGINEER BRETT C. BARGUIN
8/24/2026

REVISIONS	DATE
60% CIVIL PLANS	07/01/2026
CITY COMMENTS	07/09/2026
CITY COMMENTS	07/16/2026
CITY COMMENTS	08/24/2026

PROJECT MANAGER:	BCB
DRAWING BY:	JMR
JURISDICTION:	AUBURN, AL
DATE:	07/01/2026
SCALE:	AS SHOWN

TITLE:

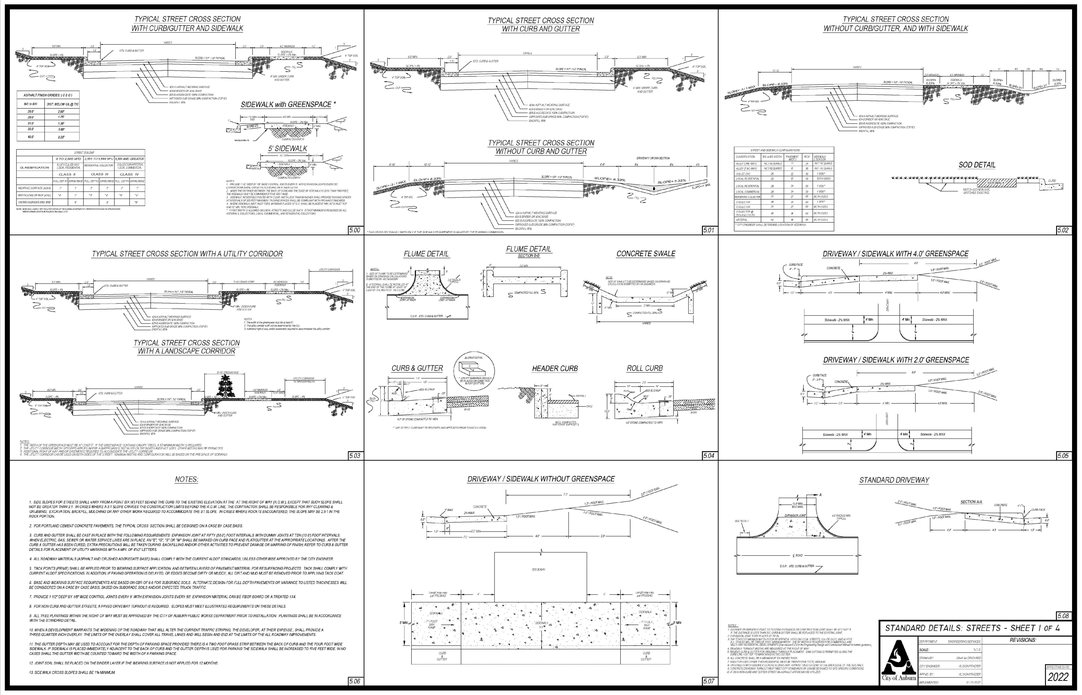
PAVING & CONSTRUCTION DETAILS

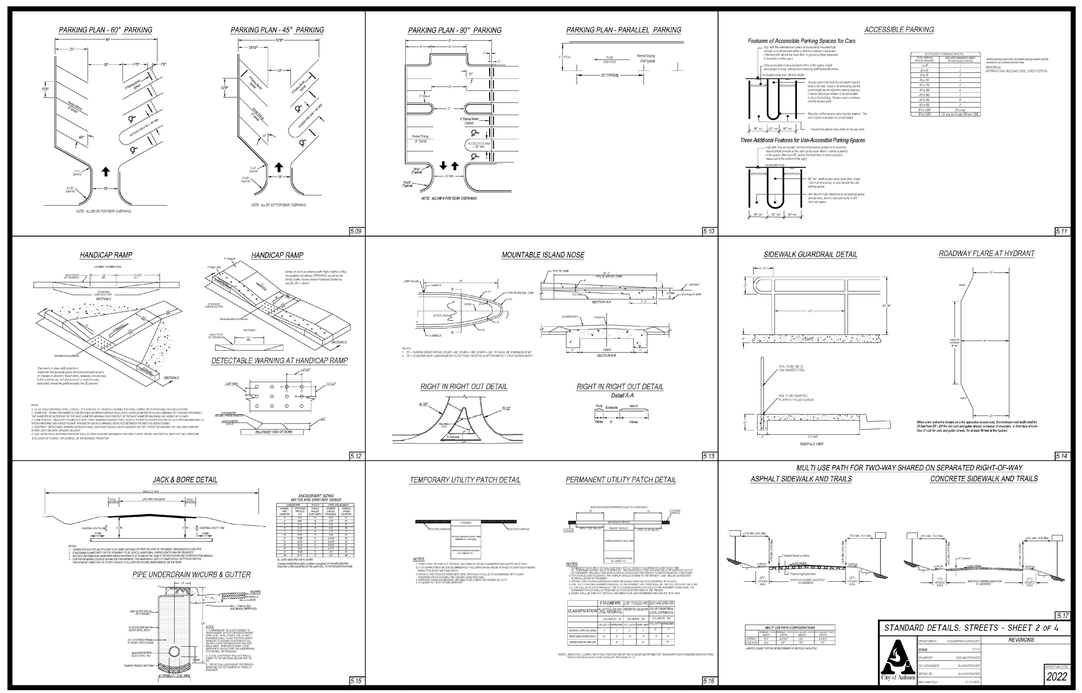
SHEET NUMBER:

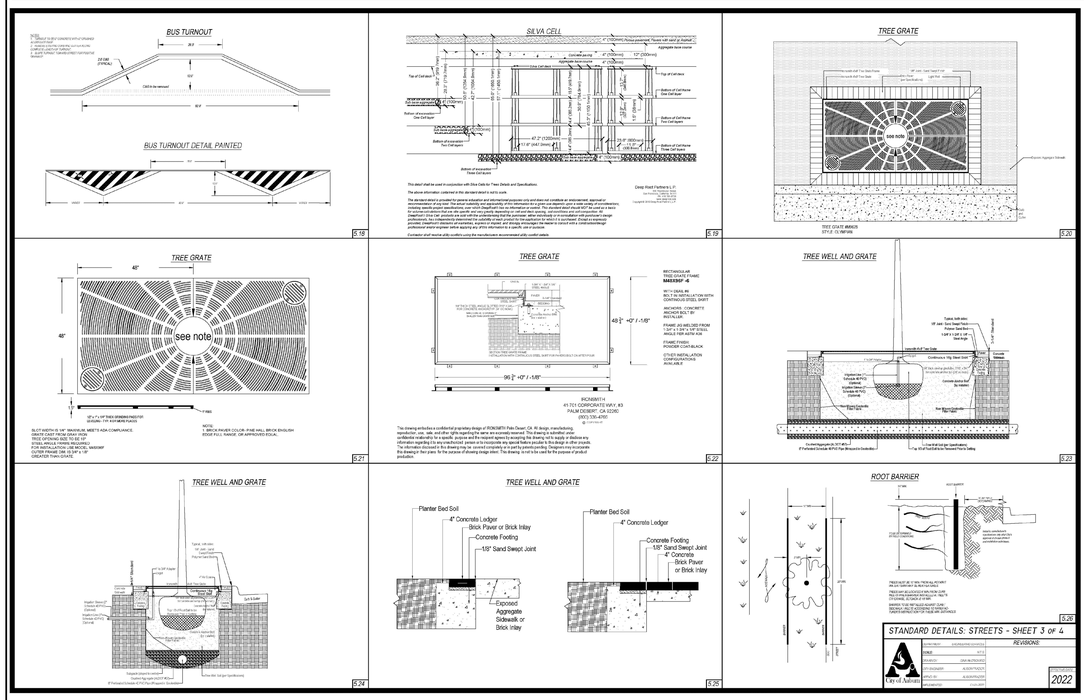
C-4

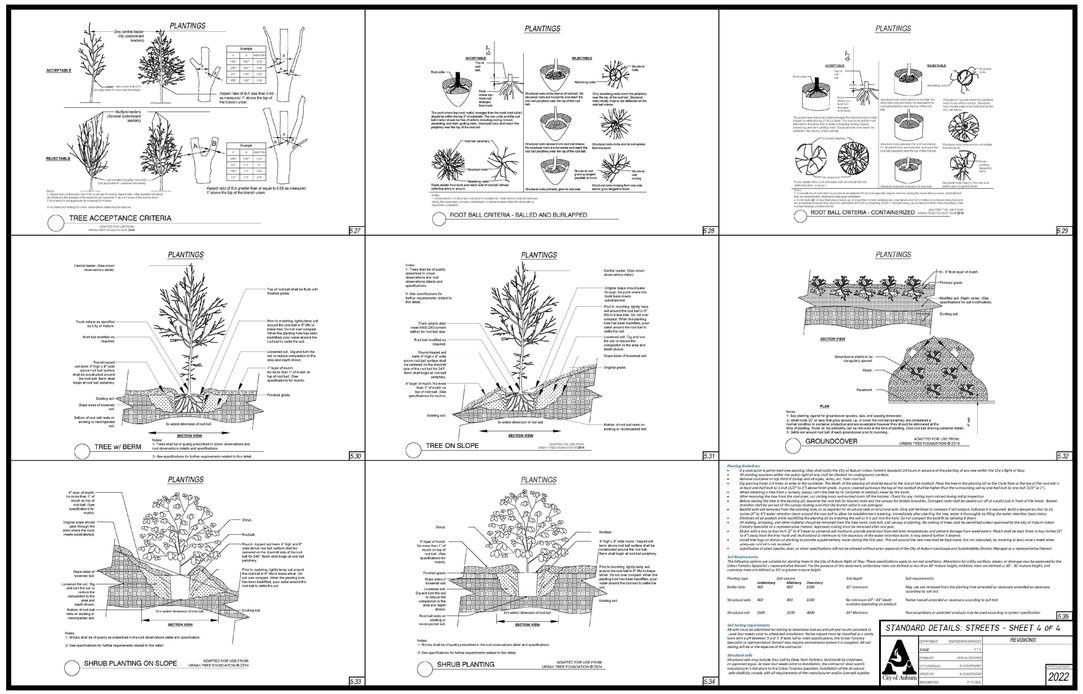
COMMENTS: <NOT RELEASED FOR CONSTRUCTION>

JOB/FILE NUMBER: 2062.004









ENGINEER:

FORESITE group

Foresite Group, LLC
2301 Ogletree Village Lane
Suite 200
Auburn, AL 36830

o | 334.887.6064
f | 334.887.6024
w | www.foresitegroup.net

OWNER:

CITY OF AUBURN
144 TICHENOR AVENUE
AUBURN, AL 36830

CONTACT: HOLLAND DANIEL

PROJECT:

LAKE WILMORE MAINTENANCE BUILDING

709 OGLETREE ROAD
AUBURN, LEE COUNTY, AL 36830
SECTION 8, TOWNSHIP 18 N, RANGE 26 E

SEAL:

ALABAMA LICENSED No. 27803 PROFESSIONAL ENGINEER BRETT C. BARGERON 8/24/2026

REVISIONS	DATE
60% CIVIL PLANS	07/01/2026
CITY COMMENTS	07/09/2026
CITY COMMENTS	07/16/2026
CITY COMMENTS	08/24/2026

PROJECT MANAGER: BCB
DRAWING BY: JMR
JURISDICTION: AUBURN, AL
DATE: 07/01/2026
SCALE: AS SHOWN
TITLE:

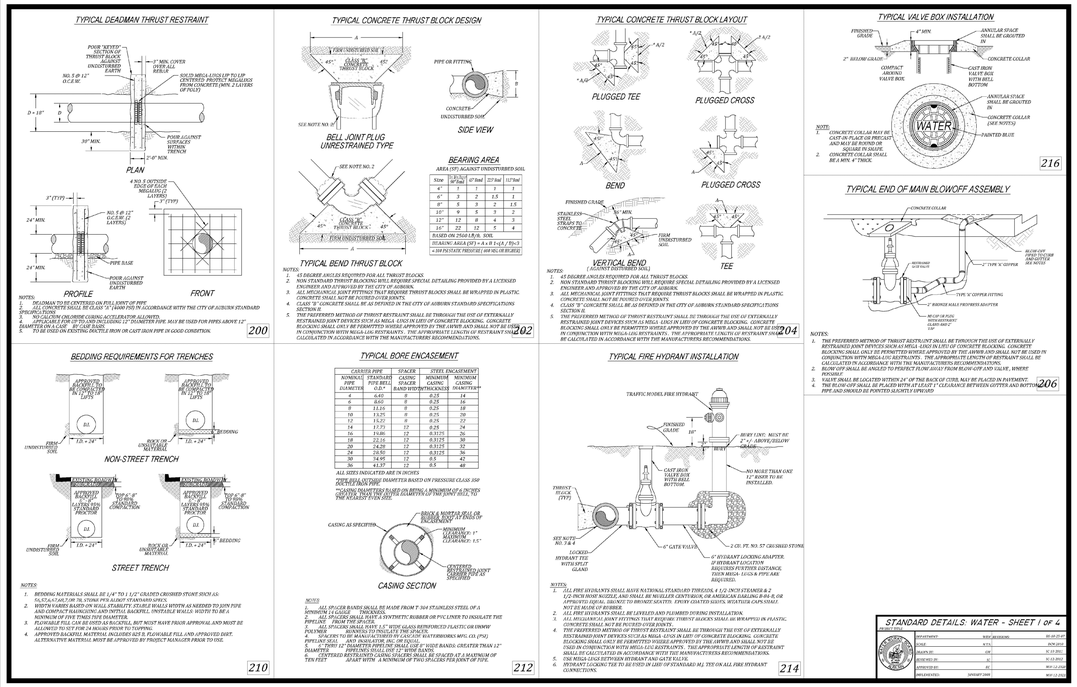
CITY OF AUBURN STREET DETAILS

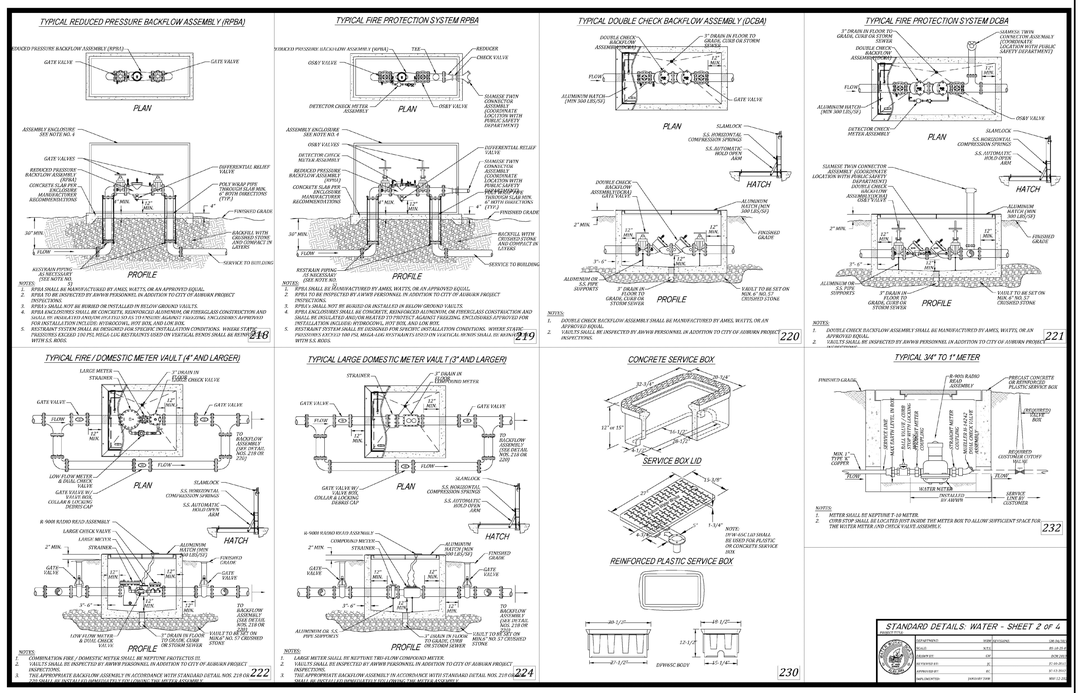
SHEET NUMBER:

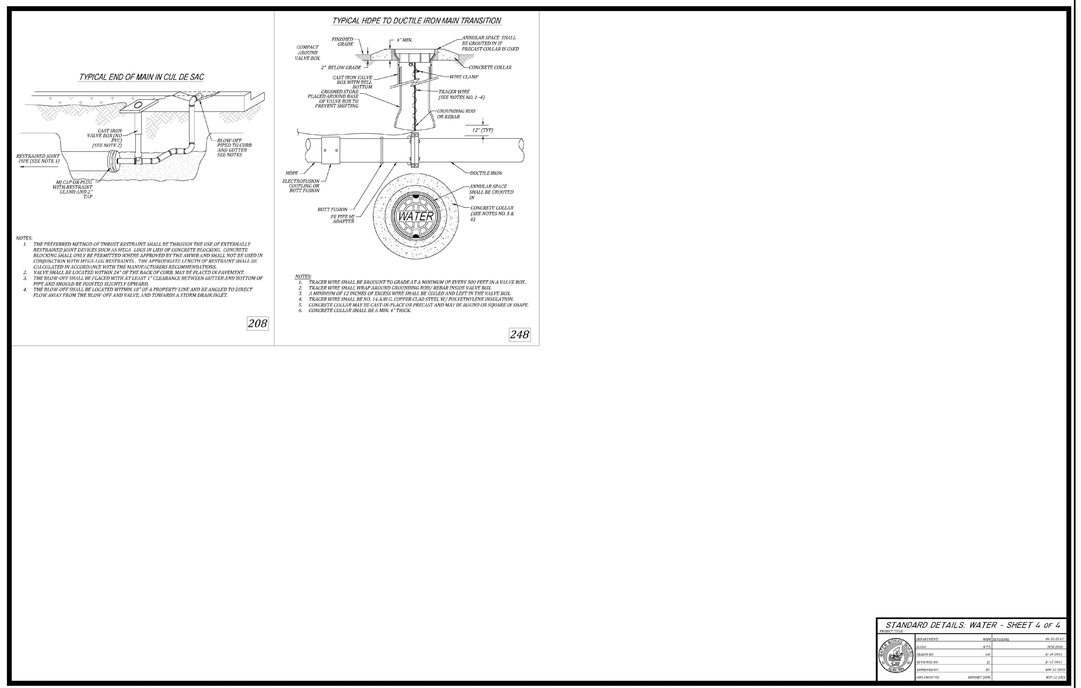
C-5

COMMENTS: <NOT RELEASED FOR CONSTRUCTION>

JOB/FILE NUMBER: 2062.004







ENGINEER:
FORESITE group
Foresite Group, LLC
2301 Ogletree Village Lane
Suite 200
Auburn, AL 36830
o | 334.887.6064
f | 334.887.6024
w | www.foresitegroup.net

OWNER:
CITY OF AUBURN
144 TICHENOR AVENUE
AUBURN, AL 36830

CONTACT: HOLLAND DANIEL

PROJECT:
LAKE WILMORE MAINTENANCE BUILDING
709 OGLETREE ROAD
AUBURN, LEE COUNTY, AL 36830
SECTION 8, TOWNSHIP 18 N, RANGE 26 E

SEAL:
ALABAMA LICENSED No. 27803 PROFESSIONAL ENGINEER BRETT C. BAGGIN
8/24/2026

REVISIONS	DATE
60% CIVIL PLANS	07/01/2026
CITY COMMENTS	07/09/2026
CITY COMMENTS	07/16/2026
CITY COMMENTS	08/24/2026

PROJECT MANAGER:	BCB
DRAWING BY:	JMR
JURISDICTION:	AUBURN, AL
DATE:	07/01/2026
SCALE:	AS SHOWN

TITLE:
CITY OF AUBURN WATER DETAILS

SHEET NUMBER:
C-6

COMMENTS:
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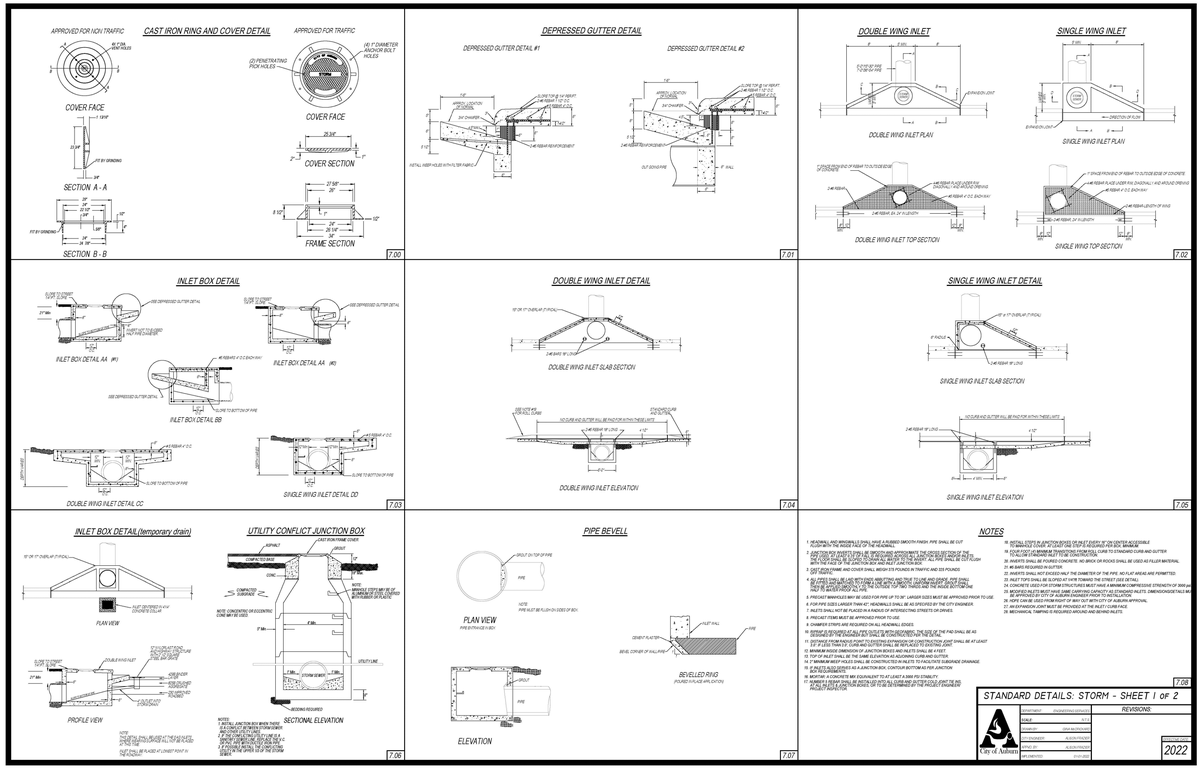
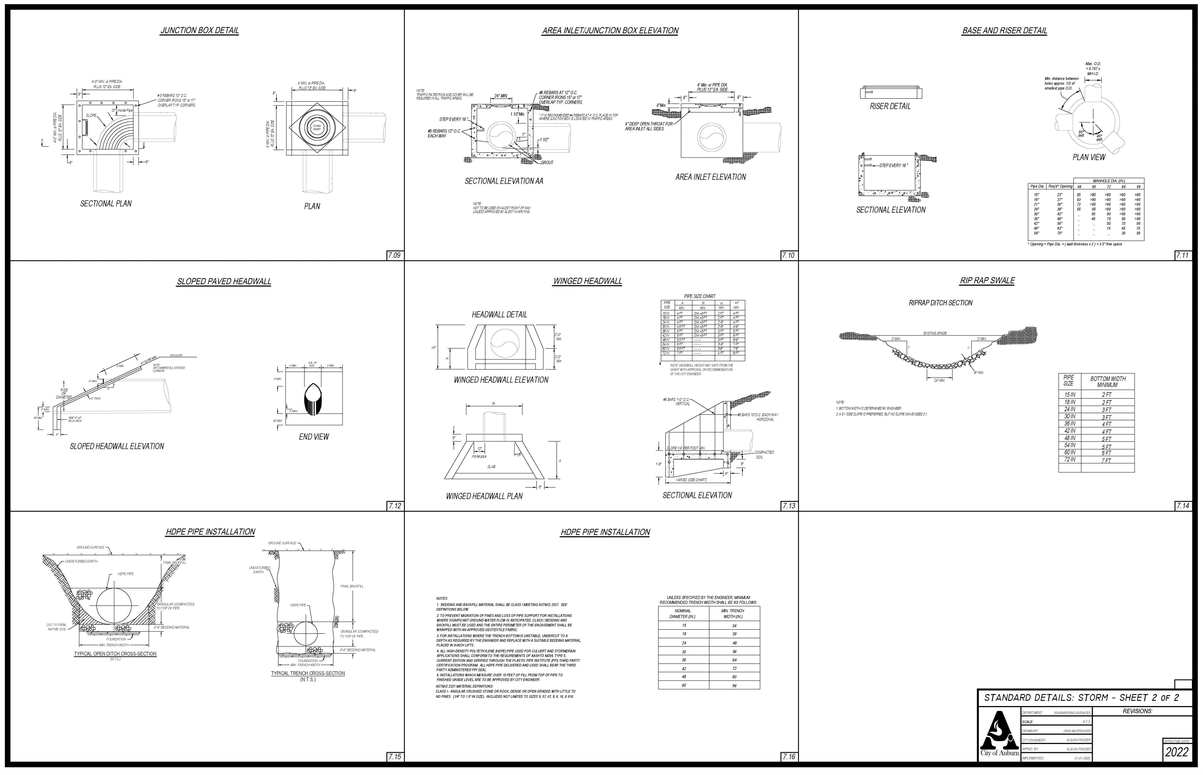
JOB/FILE NUMBER:
2062.004





ENGINEER:

FORESITE group

Foresite Group, LLC
2301 Ogletree Village Lane
Suite 200
Auburn, AL 36830

o | 334.887.6064
f | 334.887.6024
w | www.foresitegroup.net

OWNER:

CITY OF AUBURN
144 TICHENOR AVENUE
AUBURN, AL 36830

CONTACT: HOLLAND DANIEL

PROJECT:

LAKE WILMORE MAINTENANCE BUILDING

709 OGLETREE ROAD
AUBURN, LEE COUNTY, AL 36830
SECTION 8, TOWNSHIP 18 N, RANGE 26 E

SEAL:

ALABAMA LICENSED No. 27893 PROFESSIONAL ENGINEER BRETT C. BAGGUN

8/24/2026

Brett C Baggun

REVISIONS	DATE
60% CIVIL PLANS	07/01/2026
CITY COMMENTS	07/09/2026
CITY COMMENTS	07/16/2026
CITY COMMENTS	08/24/2026

PROJECT MANAGER:	BCB
DRAWING BY:	JMR
JURISDICTION:	AUBURN, AL
DATE:	07/01/2026
SCALE:	AS SHOWN

TITLE:

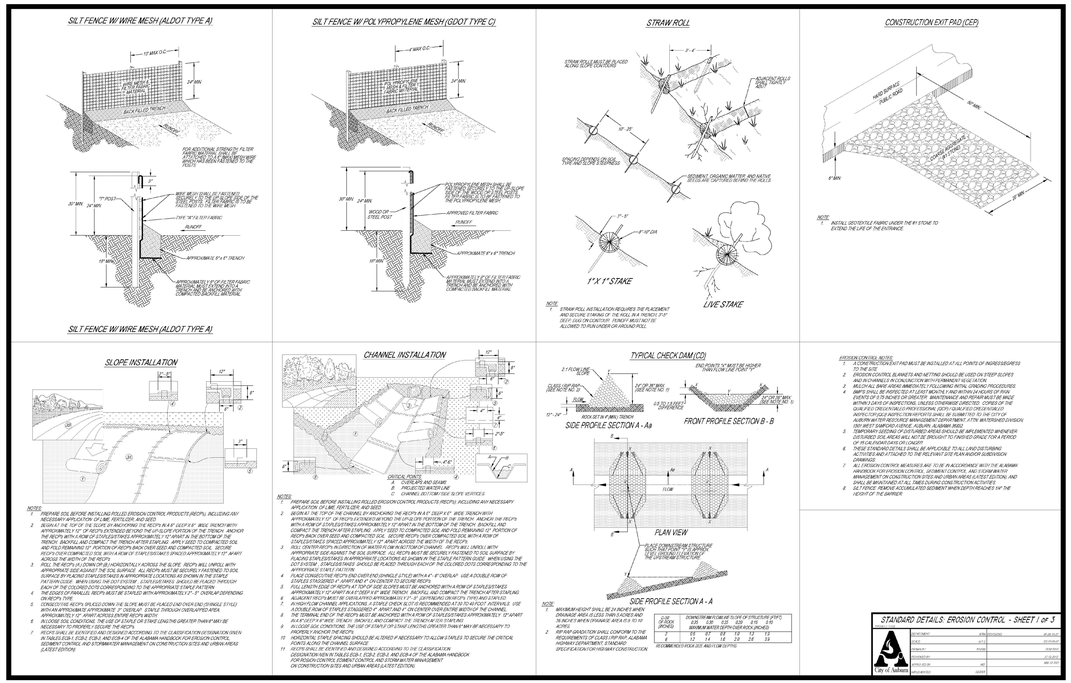
CITY OF AUBURN STORM DETAILS

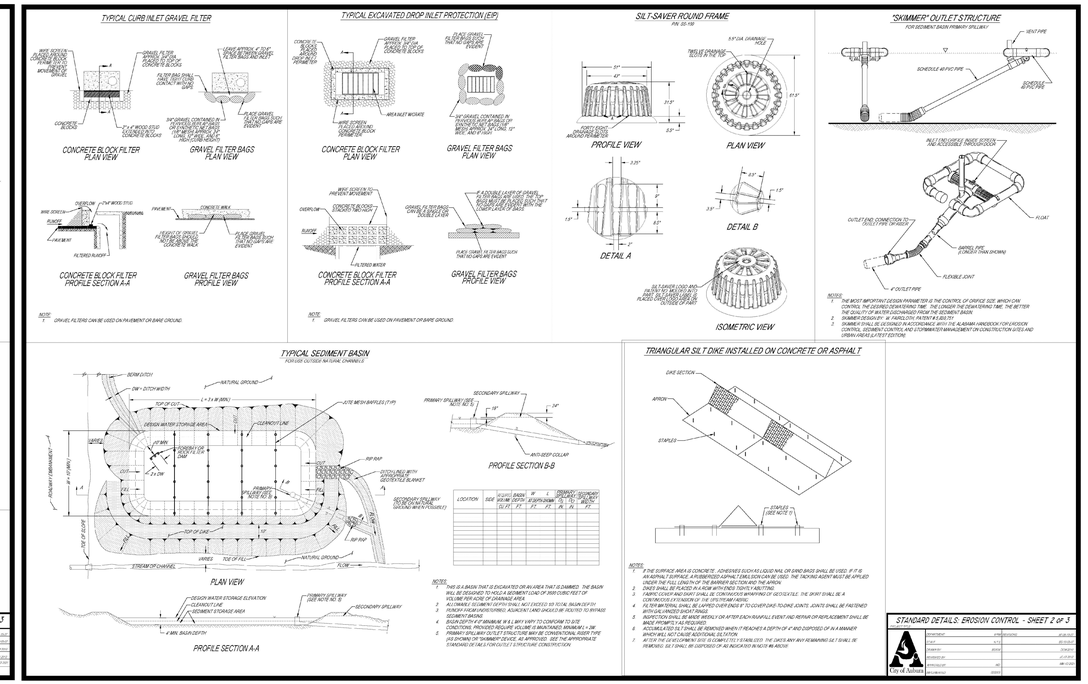
SHEET NUMBER:

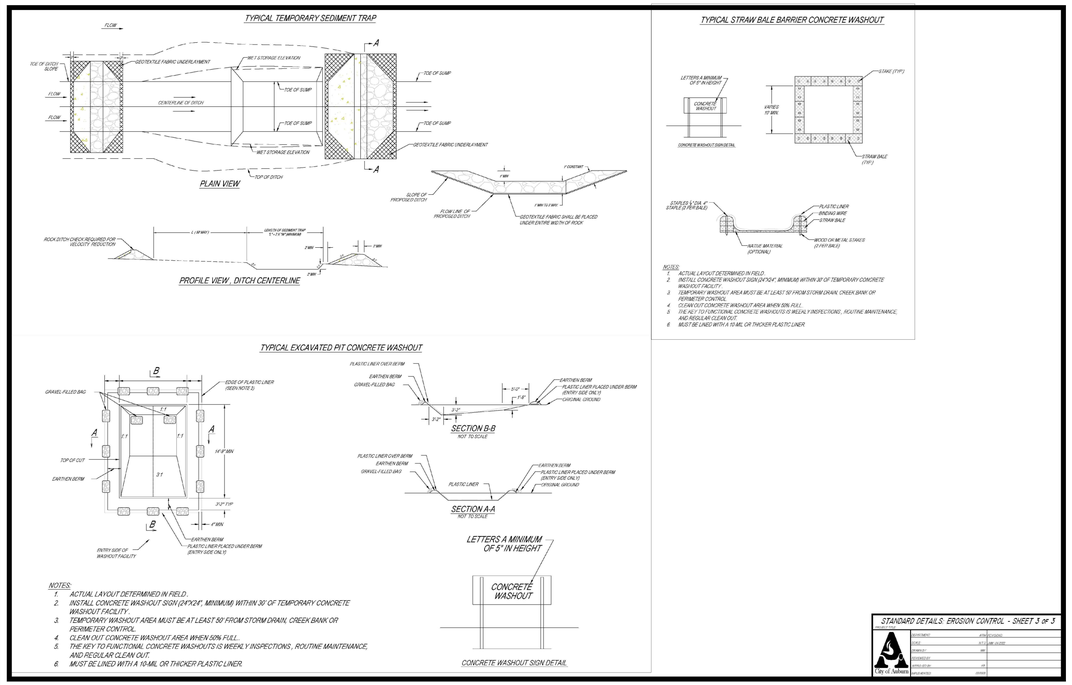
C-7

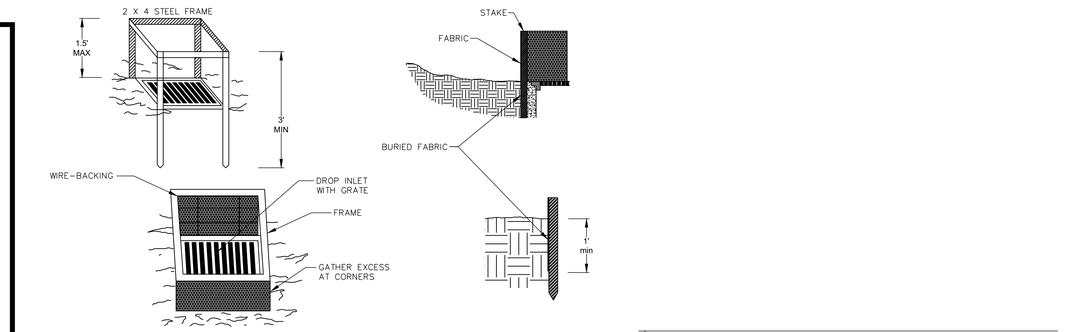
COMMENTS:
<NOT RELEASED FOR CONSTRUCTION>

JOB/FILE NUMBER: 2062.004









1. FOR STAKES, USE STEEL WITH A MINIMUM LENGTH OF 3 FEET.

2. SPACE STAKES EVENLY AROUND THE PERIMETER OF THE INLET A MAXIMUM OF 3 FEET APART, AND SECURELY DRIVE THEM INTO THE GROUND, MINIMUM OF 18 INCHES DEEP.

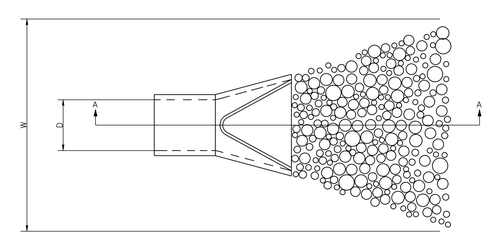
3. TO PROVIDE NEEDED STABILITY TO THE INSTALLATION, FRAME WITH 2 X 4 INCH WOOD STRIPS AROUND THE CREST OF THE OVERFLOW AREA AT A MAXIMUM OF 1.5 FEET ABOVE THE DROP INLET CREST.

4. PLACE THE BOTTOM 12 INCHES OF THE FABRIC IN A TRENCH AND BACKFILL THE TRENCH WITH CRUSHED STONE OR COMPACTED SOIL.

5. FASTEN FABRIC SECURELY TO THE STAKES AND FRAME. JOINTS MUST BE OVERLAPPED TO THE NEXT STAKE.

6. THE TOP OF THE FRAME AND FABRIC MUST BE WELL BELOW THE GROUND ELEVATION DOWNSLOPE FROM THE DROP INLET TO KEEP RUNOFF FROM BYPASSING THE INLET. IT MAY BE NECESSARY TO BUILD A TEMPORARY DIKE ON THE DOWN SLOPE SIDE OF THE STRUCTURE TO PREVENT BYPASS FLOW.

FIP **FABRIC INLET PROTECTION**
NOT TO SCALE



PLAN

NOTES:
1. L IS THE LENGTH OF THE RIPRAP APRON.

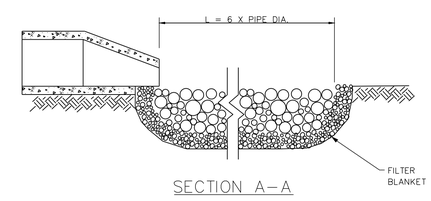
2. D= 1.5 TIMES THE MAXIMUM STONE DIAMETER BUT NOT LESS THAN 6".

3. IN A WELL-DEFINED CHANNEL EXTEND THE APRON UP THE CHANNEL BANKS TO AN ELEVATION OF 6" ABOVE THE TOP OF PIPE OR TO THE TOP OF THE BANK, WHICHEVER IS LESS.

4. A FILTER BLANKET OR FILTER FABRIC SHELL BE INSTALLED BETWEEN THE RIPRAP AND SOIL FOUNDATION.

5. GRADED RIPRAP STONE (MIN. 50 LB. STONE) NSA. NO. R-4 - 12" mix. 6" ave

6. FILTER STONE NO. FS-2



SECTION A-A

OP **OUTLET PROTECTION**
NOT TO SCALE

ENGINEER:
FORESITE group
Foresite Group, LLC
2301 Ogletree Village Lane
Suite 200
Auburn, AL 36830
o | 334.887.6064
f | 334.887.6024
w | www.foresitegroup.net

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CITY OF AUBURN
144 TICHENOR AVENUE
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PROJECT:
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AUBURN, LEE COUNTY, AL 36830
SECTION 8, TOWNSHIP 18 N, RANGE 26 E

SEAL:
ALABAMA LICENSED No. 27893 PROFESSIONAL ENGINEER BRETT C. BAGGUN
8/24/2026

REVISIONS	DATE
60% CIVIL PLANS	07/01/2026
CITY COMMENTS	07/09/2026
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PROJECT MANAGER:	BCB
DRAWING BY:	JMR
JURISDICTION:	AUBURN, AL
DATE:	07/01/2026
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TITLE:	CITY OF AUBURN EROSION DETAILS
SHEET NUMBER:	C-8
COMMENTS:	<NOT RELEASED FOR CONSTRUCTION>
JOB/FILE NUMBER:	2062.004

(TS) DISTURBED AREA STABILIZATION
(WITH TEMPORARY SEEDING)

PLANTS, PLANTING RATES AND PLANTING DATES FOR TEMPORARY COVER OR COMPANION CROPS

SPECIES	BROADCAST RATES 1/ - PLS 2/ PER ACRE	BROADCAST RATES 1/ - PLS 2/ PER 1000 SQ. FT.	RESOURCE AREA 3/	PLANTING DATES BY RESOURCE AREAS PLANTING DATES (SOLID LINES INDICATE OPTIMUM DATES DOTTED LINES INDICATE PERMISSIBLE BUT OPTIONAL DATES) J F M A M J J A S O N D	REMARKS
BARLEY (HORDEUM VULGARE) ALONE IN MIXTURES	3 BU. (144 LBS.) 1/2 BU. (24 LBS.)	3.3 LB 0.6 LB	M-L P C	J F M A M J J A S O N D	14,000 SEED PER POUND. WINTER HARDY. USE ONLY ON PRODUCTIVE SOILS.
LESPEDEZA, ANNUAL (LESPEDEZA STRIADA) ALONE IN MIXTURES	40 LBS 10 LBS	0.9 LB 0.2 LB	M-L P C	J F M A M J J A S O N D	200,000 SEED PER POUND. MAY VOLUNTEER FOR SEVERAL YEARS. USE INOCULATE EL.
LOVEGRASS, WEEPING (ERAGROSTIS BURVULA) ALONE IN MIXTURES	4 LBS 2 LBS	0.1 LB 0.5 LB	M-L P C	J F M A M J J A S O N D	1,500,000 SEED PER POUND. MAY LAST SEVERAL YEARS. MIX WITH SERICEA LESPEDEZA.
MILLET, BROWNTOP (PANICUM FASCICULATUM) ALONE IN MIXTURES	40 LBS 10 LBS	0.9 LB 0.2 LB	M-L P C	J F M A M J J A S O N D	137,000 SEED PER POUND. QUICK DENSE COVER. WILL PROVIDE TOO MUCH COMPETITION IN MIXTURES IF SEEDED AT HIGH RATE.
MILLET, PEARL (PENNESETUM GLAUCUM) ALONE IN MIXTURES	50 LBS	1.1 LB	M-L P C	J F M A M J J A S O N D	88,000 SEED PER POUND. QUICK DENSE COVER. MAY REACH 5 FEET IN HEIGHT. NOT RECOMMENDED FOR MIXTURES.
OATS (AVENA SATIVA) ALONE IN MIXTURES	4 BU. (128 LBS.) 1 BU. (32 LBS.)	2.9 LB 0.7 LB	M-L P C	J F M A M J J A S O N D	13,000 SEED PER POUND. USE ON PRODUCTIVE SOILS. NOT AS WINTERHARDY AS RYE OR BARLEY.
RYE (SECCALE CEREALE) ALONE IN MIXTURES	3 BU. (168 LBS.) 1/2 BU. (28 LBS.)	3.9 LB 0.6 LB	M-L P C	J F M A M J J A S O N D	18,000 SEED PER POUND. QUICK COVER. DROUGHT TOLERANT AND WINTERHARDY.
RYEGRASS ANNUAL (LOLIUM TEMULENTUM) ALONE	40 LBS	0.9 LB	M-L P C	J F M A M J J A S O N D	227,000 SEED PER LB. DENSE COVER. VERY COMPETITIVE AND IS NOT TO BE USED IN MIXTURES.
SUDANGRASS (SORGHUM SUDANESE) ALONE	60 LBS	1.4 LB	M-L P C	J F M A M J J A S O N D	56,000 SEED PER LB. GOOD ON DROUGHT SITES AND IS NOT TO BE USED IN MIXTURES.
TRITICALE (X-TRITICOSECALE) ALONE IN MIXTURES	3 BU. (144 LBS.) 1/2 BU. (24 LBS.)	3.3 LB 0.6 LB	C	J F M A M J J A S O N D	USE ON LOWER PART OF SOUTHERN COASTAL PLAIN AND IN ATLANTIC COASTAL FLATWOODS ONLY.
WHEAT (TRITICUM AESTIVUM) ALONE IN MIXTURES	3 BU. (180 LBS.) 1/2 BU. (30 LBS.)	4.1 LB 0.7 LB	M-L P C	J F M A M J J A S O N D	15,000 SEED PER POUND. WINTERHARDY

1/ TEMPORARY COVER CROPS ARE VERY COMPETITIVE AND WILL CROWN OUT PERENNIALS IF SEEDED TOO HEAVILY.
2/ REDUCE SEEDING RATES BY 50% WHEN DRILLED.
3/ PLS IS AN ABBREVIATION FOR PURE LIVE SEED.
4/ M-L REPRESENTS THE MOUNTAIN; BLUE RIDGE; RIDGES AND VALLEYS MLRA'S
P REPRESENTS THE SOUTHERN PIEDMONT MLRA
C REPRESENTS SOUTHERN COASTAL PLAIN; SAND HILLS; BLACK HILLS; BLACK LANDS; AND ATLANTIC COASTAL FLATWOODS MLRA'S

(MU) DISTURBED AREA STABILIZATION
(WITH MULCHING ONLY)

MULCHING WITHOUT SEEDING
THIS STANDARD APPLIES TO GRADES OR CLEARED AREAS WHERE SEEDINGS MAY NOT HAVE A SUITABLE GROWING SEASON TO PRODUCE AN EROSION RETARDANT COVER, BUT CAN BE ESTABLISHED WITH A MULCH COVER.

SITE PREPARATION
1. GRADE TO ALLOW THE USE OF EQUIPMENT FOR APPLYING AND ANCHORING MULCH.
2. INSTALL NEEDED EROSION CONTROL MEASURES AS REQUIRED SUCH AS DIKES, DIVERSIONS, BERMS, TERRACES AND SEDIMENT BARRIERS.
3. LOOSEN COMPACT SOIL TO A MINIMUM DEPTH OF 3 INCHES.

MULCHING MATERIALS
SELECT ONE OF THE FOLLOWING MATERIALS AND APPLY AT THE DEPTH INDICATED:

1. DRY STRAW OR HAY SHALL BE APPLIED AT THE DEPTH OF 2 TO 4 INCHES PROVIDING COMPLETE SOIL COVERAGE. ONE ADVANTAGE OF THIS MATERIAL IS EASY APPLICATION.
2. WOOD WASTE (CHIPS, SAWDUST OR BARK) SHALL BE APPLIED AT A DEPTH OF 2 TO 3 INCHES. ORGANIC MATERIAL FROM THE CLEARING STAGE OF DEVELOPMENT SHOULD REMAIN ON SITE, BE CHIPPED, AND APPLIED AS MULCH. THIS METHOD OF MULCHING CAN GREATLY REDUCE EROSION CONTROL COSTS.
3. CUTBACK ASPHALT (SLOW CURING) SHALL BE APPLIED AT 1200 GALLONS PER ACRE (OR ¾ GALLON PER SQ. YD.).
4. POLYETHYLENE FILM SHALL BE SECURED OVER BANKS OR STOCKPILED SOIL MATERIAL FOR TEMPORARY PROTECTION. THIS MATERIAL CAN BE SALVAGED AND RE-USED.

APPLYING MULCH
WHEN MULCH IS USED WITHOUT SEEDING, MULCH SHALL BE APPLIED TO PROVIDE FULL COVERAGE OF THE EXPOSED AREA.

1. DRY STRAW OR HAY MULCH AND WOOD CHIPS SHALL BE APPLIED UNIFORMLY BY HAND OR BY MECHANICAL EQUIPMENT.
2. IF THE AREA WILL EVENTUALLY BE COVERED WITH PERENNIAL VEGETATION, 20-30 POUNDS OF NITROGEN PER ACRE IN ADDITION TO THE NORMAL AMOUNT SHALL BE APPLIED TO OFFSET THE UPTAKE OF NITROGEN CAUSED BY THE DECOMPOSITION OF THE ORGANIC MULCHES.
3. CUTBACK ASPHALT SHALL BE APPLIED UNIFORMLY. CARE SHOULD BE TAKEN IN AREAS OF PEDESTRIAN TRAFFIC DUE TO PROBLEMS OF "TRACKING IN" OR DAMAGE TO SHOES, CLOTHING, ETC.
4. APPLY POLYETHYLENE FILM ON EXPOSED AREAS.

ANCHORING MULCH
1. STRAW OR HAY MULCH CAN BE PRESSED INTO THE SOIL WITH A DISK HARROW WITH THE DISK SET STRAIGHT OR WITH A SPECIAL "PACKER DISK". THE DISKS MAY BE SMOOTH OR SERRATED AND SHOULD BE 20 INCHES OR MORE IN DIAMETER AND 8 TO 12 INCHES APART. THE EDGES OF THE DISK SHOULD BE DULL ENOUGH NOT TO CUT THE MULCH BUT TO PRESS IT INTO THE SOIL LEAVING MUCH OF IT IN AN ERECT POSITION. STRAW OR HAY MULCH SHALL BE ANCHORED IMMEDIATELY AFTER APPLICATION.
2. STRAW OR HAY MULCH SPREAD WITH THE SPECIAL BLOWER-TYPE EQUIPMENT MAY BE ANCHORED WITH EMULSIFIED ASPHALT (GRADE AE-5 OR SS-1). THE ASPHALT EMULSION SHALL BE SPRAYED ONTO THE MULCH AS IT IS EJECTED FROM THE MACHINE. USE 100 GALLONS OF EMULSIFIED ASPHALT AND 100 GALLONS OF WATER PER TON OF MULCH. TACKIFIERS AND BINDERS CAN BE ADDED TO EMULSIFIED ASPHALT. FOLLOW THE MFR'S SPECIFICATIONS. TACKIFIER AND BINDERS, PLASTIC MESH OR NETTING WITH MESH NO LARGER THAN ONE INCH BY ONE INCH SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
3. NETTING OF THE APPROPRIATE SIZE SHALL BE USED TO ANCHOR WOOD WASTE. OPENINGS OF THE NETTING SHALL NOT BE LARGER THAN THE AVERAGE SIZE OF THE WOOD WASTE CHIPS.
4. POLYETHYLENE FILM SHALL BE ANCHOR TRENCHED AT THE TOP AS WELL AS INCREMENTALLY AS NECESSARY.

MULCHING WITH SEEDING

MULCH IS REQUIRED FOR ALL PERMANENT VEGETATION APPLICATIONS. MULCH APPLIED TO SEEDED AREAS SHALL ACHIEVE 75% SOIL COVER.

DRY STRAW OF DRY HAY OF GOOD QUALITY AND FREE OF WEED SEEDS CAN BE USED. DRY STRAW SHALL BE APPLIED AT THE RATE OF 2 TONS PER ACRE. DRY HAY SHALL BE APPLIED AT A RATE OF 1 1/2 TONS PER ACRE.

APPLYING MULCH
STRAW OR HAY MULCH SHALL BE SPREAD UNIFORMLY WITHIN 24 HOURS AFTER SEEDING AND/OR PLANTING. THE MULCH MAY BE SPREAD BY BLOWER-TYPE SPREADING EQUIPMENT, OTHER SPREADING EQUIPMENT OR BY HAND. MULCH SHALL BE APPLIED TO COVER 75% OF THE SOIL SURFACE.

ANCHORING MULCH
STRAW OR HAY MULCH SHALL BE PRESSED INTO THE SOIL IMMEDIATELY AFTER THE MULCH IS SPREAD. A SPECIAL "PACKER DISK" OR DISK HARROW WITH THE DISKS SET STRAIGHT MAY BE USED. THE DISKS MAY BE SMOOTH OR SERRATED AND SHOULD BE 20 INCHES OR MORE IN DIAMETER AND 8 TO 12 INCHES APART. THE EDGES OF THE DISKS SHALL BE DULL ENOUGH TO PRESS THE MULCH INTO THE GROUND WITHOUT CUTTING IT, LEAVING MUCH OF IT IN AN ERECT POSITION. MULCH SHALL NOT BE PLOWED INTO THE SOIL.

(PS) DISTURBED AREA STABILIZATION
(WITH PERMANENT VEGATATION)

FERTILIZER REQUIREMENTS

TYPES OF SPECIES	YEAR	ANALYSIS OR EQUIVALENT N-P-K	RATE	TOP DRESSING RATE
1. COOL SEASON GRASSES	FIRST SECOND MAINTENANCE	6-12-12 6-12-12 10-10-10	1500 LBS./AC 1000 LBS./AC 400 LBS./AC	50-100 LBS/AC 1/2/ -- 30
2. COOL SEASON GRASSES AND LEGUMES	FIRST SECOND MAINTENANCE	6-12-12 0-10-10 0-10-10	1500 LBS./AC 1000 LBS./AC 400 LBS./AC	0-50 LBS/AC 1/ --
3. GRAOUD COVERS	FIRST SECOND MAINTENANCE	10-10-10 10-10-10 10-10-10	1300 LBS./AC 3/ 1300 LBS./AC 3/ 1100 LBS./AC	-- -- --
4. PINE SEEDLINGS	FIRST	20-10-15	ONE 21-GRAM PELLET PER SEEDLING PLACED IN THE CLOSING HOLE	--
5. SHRUB LESPEDEZA	FIRST MAINTENANCE	0-10-10 0-10-10	700 LBS./AC 700 LBS./AC 4/	--
6. TEMPORARY COVER CROPS SEEDED ALONE	FIRST	10-10-10	500 LBS./AC	30 LBS/AC 5/
7. WARM SEASON GRASSES	FIRST SECOND MAINTENANCE	6-12-12 6-12-12 10-10-10	1500 LBS./AC 800 LBS./AC 400 LBS./AC	50-100 LBS/AC 2/6/ 50-100 LBS/AC 2/ 30 LBS/AC
8. WARM SEASON GRASSES AND LEGUMES	FIRST SECOND MAINTENANCE	6-12-12 0-10-10 0-10-10	1500 LBS./AC 1000 LBS./AC 400 LBS./AC	50-100 LBS/AC 6/

1/ APPLY IN THE SPRING FOLLOWING SEEDING.
2/ APPLY IN SPLIT APPLICATIONS WHEN HIGH RATES ARE USED.
3/ APPLY IN SPLIT APPLICATIONS.
4/ APPLY WHEN PLANTS ARE PRUNED.
5/ APPLY TO GRASS SPECIES ONLY.
6/ APPLY WHEN PLANTS GROW TO HEIGHT OF 2 TO 4 INCHES.

LIME AND FERTILIZER RATES AND ANALYSIS

AGRICULTURAL LIME IS REQUIRED AT THE RATE OF ONE TO TWO TONS PER ACRE UNLESS SOIL TEST INDICATE OTHERWISE. GRADED AREAS REQUIRE LIME APPLICATION. IF LIME IS APPLIED WITHIN SIX MONTHS OF PLANTING PERMANENT PERENNIAL VEGETATION, ADDITIONAL LIME IS NOT REQUIRED. AGRICULTURAL LIME SHALL BE WITHIN THE SPECIFICATION OF THE STATE DEPARTMENT OF AGRICULTURE

LIME SPREAD BY CONVENTIONAL EQUIPMENT SHALL BE "GROUND LIMESTONE." GROUND LIMESTONE IS CALCITIC OR DOLOMITIC LIMESTONE GROUND SO THAT 95% OF THE MATERIAL WILL PASS THROUGH A 10-MESH SIEVE, NOT LESS THAN 50% WILL PASS THROUGH A 50-MESH SIEVE AND NOT LESS THAN 25% WILL PASS THROUGH A 100-MESH SIEVE. IT IS DESIRABLE TO USE DOLOMITIC LIMESTONE IN THE SAND HILLS, SOUTHERN COASTAL PLAIN AND ATLANTIC COAST FLATWOODS MLRAS.

AGRICULTURAL LIME IS GENERALLY NOT REQUIRED WHERE ONLY TREES ARE PLANTED.

(PS) DISTURBED AREA STABILIZATION
(WITH PERMANENT VEGATATION)

PLANTS, PLANTING RATES AND PLANTING DATES FOR PERMANENT COVER

SPECIES	BROADCAST RATES 1/ - PLS 2/ PER ACRE	BROADCAST RATES 1/ - PLS 2/ PER 1000 SQ. FT.	RESOURCE AREA 3/	PLANTING DATES BY RESOURCE AREAS PLANTING DATES (SOLID LINES INDICATE OPTIMUM DATES DOTTED LINES INDICATE PERMISSIBLE BUT OPTIONAL DATES) J F M A M J J A S O N D	REMARKS
BAHIA, PENSACOLA (PASPALUM NOTATUM) ALONE OR WITH TEMPORARY COVER WITH OTHER PERENNIALS	60 LBS 30 LBS	1.4 LB 0.7 LB	P C	J F M A M J J A S O N D	166,000 SEED PER POUND. LOW GROWING. SOD FORMING. SLOW TO ESTABLISH. PLANT WITH COMPANION CROP. WILL SPREAD INTO BERMUDA PASTURES AND LAWNS. MIX WITH SERICEA LESPEDEZA OR WEEPING LOVEGRASS.
BAHIA, WILMINGTON (PASPALUM NOTATUM) ALONE OR WITH TEMPORARY COVER WITH OTHER PERENNIALS	60 LBS 30 LBS	0.2 LB 0.1 LB	M-L P	J F M A M J J A S O N D	166,000 SEED PER POUND. LOW GROWING. SOD FORMING. SLOW TO ESTABLISH. PLANT WITH COMPANION CROP. WILL SPREAD INTO BERMUDA PASTURES AND LAWNS. MIX WITH SERICEA LESPEDEZA OR WEEPING LOVEGRASS.
BERMUDA. COMMON (CYNODON DACTYLON) HULLED SEED ALONE OR WITH TEMPORARY COVER WITH OTHER PERENNIALS	10 LBS 6 LBS	0.2 LB 0.1 LB	P C	J F M A M J J A S O N D	1,787,000 SEED PER POUND. QUICK COVER. LOW GROWING AND SEED FORMING. FULL SUN. GOOD FOR ATHLETIC FIELD.
BERMUDA. COMMON (CYNODON DACTYLON) UNHULLED SEED WITH TEMPORARY COVER WITH OTHER PERENNIALS	10 LBS 6 LBS	0.2 LB 0.1 LB	P C	J F M A M J J A S O N D	PLANT WITH WINTER ANNUALS. PLANT WITH TALL FESCUE.
BERMUDA SPRIGS (CYNODON DACTYLON) COASTAL COMMON, MIDLAND OR TIFT 44 COASTAL COMMON, OR TIFT 44 TIFF 78	40 CU. FT. OR 500 PLUGS 3"x3"	0.9 CU. FT.	M-L P C C	J F M A M J J A S O N D	A CUBIC FT CONTAINS APPROX. 650 SPRIGS. A BUSHEL CONTAINS 1.25 CU. FT. OR APPROX. OR 800 SPRIGS SAME AS ABOVE SOUTHERN COASTAL PLAIN ONLY
CENTIPEDE (EREMOCHOLA OPHIUROIDES)	BLACK SOD ONLY		P C	J F M A M J J A S O N D	DROUGHT TOLERANT. FULL SUN OR PARTIAL SHADE. EFFECTIVE ADJACENT TO CONCRETE AND IN CONCENTRATED FLOW AREAS. IRRIGATION IS NEEDED UNTIL FULLY ESTABLISHED. DO NOT PLANT NEAR PASTURES.
CROWN VETCH (CORONILLA VARIA) WITH WINTER ANNUALS OR COOL SEASON GRASSES	15 LBS.	0.3 LB	M-L P	J F M A M J J A S O N D	100,000 SEED PER LB. DENSE GROWTH. DROUGHT TOLERANT AND FIRE RESISTANT. ATTRACTIVE ROSE, PINK, AND WHITE BLOSSOMS SPRING TO LATE FALL. MIX WITH 30 LBS. OF TALL FESCUE OR 15 LBS. OF RYE. INOCULATE SEED WITH M INOCULANT. USE FROM NORTH ATLANTA AND NORTHWARD.
FESCUE TALL (FESTUCA ARUNDINACEA) ALONE WITH OTHER PERENNIALS	50 LBS 30 LBS	1.1 LB 0.7 LB	M-L P	J F M A M J J A S O N D	227,000 SEED PER LB. USE ALONE ONLY ON BETTER SITES. NOT FOR DROUGHT SOILS. MIX WITH PERENNIAL LESPEDEZAS OR CROWN VETCH. APPLY TOPDRESSING IN SPRING FOLLOWING FALL PLANTINGS. NOT FOR HEAVY USE AREAS OR ATHLETIC FIELDS.
LESPEDEZA, SERICEA (LESPEREDEZA CUEATA) SCARIFIED UNSCARIFIED SEED-BEARING HAY	60 LBS 75 LBS 3 TONS	1.4 LB 1.7 LB 138 LB	M-L P C M-L P C M-L P C	J F M A M J J A S O N D	350,000 SEED PER LB. WIDELY ADAPTED. LOW MAINTENANCE. MIX WITH WEEPING LOVEGRASS, COMMON BERMUDA, BAHIA, OR TALL FESCUE. TAKES 2-3 YEARS TO BECOME FULLY ESTABLISHED. EXCELLENT ON ROAD BANKS. INOCULATE SEEDS WITH EL INOCULATE. MIX WITH TALL FESCUE OR WINTER ANNALS. CUT WHEN SEED IS MATURE BUT BEFORE IT SHATTERS. ADD TALL FESCUE OR WINTER ANNUALS.
LESPEDEZA, AMBRO VIRGATA (LESPERDEDZA VIRGATA DC)) OR APPALOW (LESPEDEZA CUNEATA SUMONT C. DON) SCARIFIED UNSCARIFIED	60 LBS 75 LBS	1.4 LB 1.7 LB	M-L P C M-L P C	J F M A M J J A S O N D	300,000 SEED PER LB. HEIGHT OF GROWTH IS 18 TO 24 INCHES. ADVANTAGE IS LATE HOUR GROWTH. NEW GROWTH WITH BRONZE COLORATION. MIX WITH SERICEA LESPEDEZA. SLOW TO DEVELOP SOLID STANDS. INOCULATE SEED WITH EL INOCULATE.
LESPEDEZA, SHRUB (LESPEDEZA BICOLORO (LESPEDEZA THUMBERGII) PLANTS	3'X3'		M-L P C	J F M A M J J A S O N D	PROVIDE WILDLIFE FOOD AND COVER
LOVEGRASS, WEEPING (ERAGROSTIS CURVULA) ALONE WITH OTHER PERENNIALS	4 LBS 2 LBS	0.1 LB 0.5 LB	M-L P C	J F M A M J J A S O N D	1,500,000 SEED PER POUND. QUICK COVER. DROUGHT TOLERANT. GROWS WELL WITH SERICEA LESPEDEZA ON ROADBANKS.
MAIDENCANE (PANICUM HEMITOMON) SPRIGS	2'X3' SPACING		ALL	J F M A M J J A S O N D	FOR VERY WET SITES. MAY CLOG CHANNELS. DIG SPRIGS FROM LOCAL SOURCES. USE ALONG RIVERBANKS AND SHORELINES.
PANICGRASS, ATLANTIC COASTAL (PANICUM AMARUM VAR. AMARULUM)	20 LBS	0.5 LB	P C	J F M A M J J A S O N D	GROWS WELL ON COASTAL SAND DUNES, BORROW AREAS, AND GRAVEL PITS. PROVIDES WINTER COVER FOR WILDLIFE. MIX WITH SERICEA LESPEDEZA EXCEPT ON SAND DUNES.
REED CANARY GRASS (PHALARIS ARUNDINACEA) ALONE WITH OTHER PERENNIALS	50 LBS 30 LBS	1.1 LB 0.7 LB	M-L P	J F M A M J J A S O N D	GROWS SIMILAR TO TALL FESCUE
SUNFLOWER, 'AZTEC' MAXIMILIAN (LEUIANTHUS MAXIMILLIAN)	10 LB	0.2 LB	M-L P C	J F M A M J J A S O N D	227,000 SEED PER POUND. MIX WITH WEEPING LOVEGRASS OR OTHER LOW-GROWING GRASSES OR LEGUMES.

1/ REDUCE SEEDING RATES BY 50% WHEN DRILLED.
2/ PLS IS AN ABBREVIATION FOR PURE LIVE SEED. REFER TO SECTION V.E. OF THESE SPECIFICATIONS.
3/ M-L REPRESENTS THE MOUNTAIN; BLUE RIDGE; AND RIDGES AND VALLEYS MLRA'S.
P REPRESENTS THE SOUTHERN PIEDMONT MLRA .
C REPRESENT S SOUTHERN COASTAL PLAIN; SAND HILLS; BLACK HILLS; BLACK LANDS; AND ATLANTIC COASTAL FLATWOODS MLRA'S

(PS) DISTURBED AREA STABILIZATION
(WITH PERMANENT VEGATATION)

DURABLE SHRUBS AND GROUND COVERS FOR PERMANENT COVER

GROUND COVERS INCLUDE A WIDE RANGE OF LOW-GROWING PLANTS PLANTED TOGETHER IN CONSIDERABLE NUMBERS TO COVER LARGE AREAS OF LANDSCAPE. GROUND COVERS GROW SLOWER THAN GRASSES. WEEDS ARE LIKELY TO COMPETE, ESPECIALLY THE FIRST YEAR. MAINTENANCE NEEDED TO INSURE SURVIVAL. THESE GROUND COVERS WILL NOT BE USED UNLESS PROPER MAINTENANCE IS PLANNED. MAINTAIN MULCH WITH AT LEAST A THREE INCH THICKNESS UNTIL PLANTS PROVIDE ADEQUATE COVER. FALL PLANTING IS ENCOURAGED BECAUSE THE NEED FOR CONSTANT WATERING IS REDUCED AND PLANTS HAVE TIME TO ESTABLISH NEW ROOTS BEFORE HOT WEATHER.

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COMMON NAME	SCIENTIFIC NAME	MATURE HEIGHT	PLANT SPACING	COMMENTS
ALBELIA	ALBELIA GRANDOFLORA	3-4 FT.	5 FT.	ALSO A PROSTRATE FORM 2 FT. HIGH. SUN. SEMI-SHADE. SEMI-EVERGREEN
CAROLINA YELLOW JESSAMINE	GELSEMIUM SEMPERVIRENS	LOW	3 FT.	VINE. YELLOW, TRUMPET-LIKE FLOWERS, HARDY. ONE OF THE BEST VINES. EVERGREEN
CARPET BLUE	AJUGA REPTANS	2-4 INCHES	3 FT.	NEEDS GOOD DRAINAGE. PARTIAL SHADE. BLUE OR WHITE FLOWERS. EVERGREEN
BEAR BERRY COTONEASTER	COTONEASTER DAMMERI	2-4 FT.	5 FT.	WHITE FLOWERS, RED FRUIT. SUN. EVERGREEN
GROUND COVER COTONEASTER	COTONEASTER SALICIFOLIUS "REPENS"	1-2 FT.	5 FT.	WHITE FLOWERS, RED FRUIT. SUN. EVERGREEN
ROCK COLONEASTER	COTONEASTER HORIZONTALIS	1-2 FT.	5 FT.	SEMI-EVERGREEN. SUN.
VIRGINIA CREEPER	PARTHENOCISSUS QUINQUEFOLIA	LOW	3 FT.	RED IN FALL. VINE. DECIDUOUS.
DAY LILY	HEMEROCALLIS SPP.	2-3 FT.	2 FT.	MANY FLOWER COLORS. FULL SUN. VERY HARDY.
ENGLISH IVY	HEDERA HELIX	LOW	3 FT.	SHADE ONLY. CLIMBS
COMPACTA HOLLY	ILEX CRENATA COMPACTA	3-4 FT.	5 FT.	SUN. SEMI-SHADE
CHINESE HOLLY	ILEX CORNUTA ROTUNDA	3-4 FT.	5 FT.	VERY DURABLE, SUN. SEMI-SHADE
DWARF BUFFORD HOLLY	ILEX BUFFORDI "NANA"	5-8 FT.	8 FT.	
DWARF YAUPON HOLLY	ILEX VOMITORIA "NANA"	3-4 FT.	5 FT.	VERY DURABLE, SUN. SEMI-SHADE
REPANDENS HOLLY	ILEX CRENATA 'REPANDENS'	3-4 FT.	5 FT.	SUN. SEMI-SHADE
ANDORA JUNIPER	JUNIPERUS HORIZONTALIS "PLUMOSA"	2-3 FT.	5 FT.	EXCELLENT FOR SLOPES. SUN
ANDORA COMPACTA JUNIPER	JUNIPERUS HORIZONTALIS "PLUMOSA COR PACTA"	1-2 FT.	5 FT.	MORE COMPACT THAN ANDORA
BLUE CHIP JUNIPER	JUNIPERUS HORIZONTALIS BLUE CHIP	8-10 FT.	4 FT.	
BLUE RUG JUNIPER	JUNIPERUS HORIZONTALIS "WILTONII"	4-6 FT.	3 FT.	VERY LOW. SUN.
PARSONS JUNIPER	JUNIPERUS DAVURICA EXPANSA' (SQUAMATA PARSONI)	18-24 FT.	5 FT.	ONE OF THE BEST. GOOD WINTER COVER
PFITZER JUNIPER	JUNIPERUS CHINENSIS 'PFITZERANA'	6-8 FT.	6 FT.	NEEDS ROOM
PRINCE OF WALES JUNIPER	JUNIPERUS HORIZONTALIS 'PRINCE OF WALES'	8-10 FT.	4 FT.	FEATHERY APPEARANCE
SARGENT JUNIPER	JUNIPERUS CHINENSIS 'SARGENTII'	1-2 FT.	5 FT.	FULL SUN. NEEDS GOOD DRAINAGE. GOOD WINTER COLOR.
SHORE JUNIPER	JUNIPERUS CONFERTTA	2-3 FT.	5 FT.	EMERALD SEA OR BLUE PACIFIC CULTIVARS ARE GOOD.
LIRIOPE	LIRIOPE MUSCARI	2-3 FT.	5 FT.	
CREEPING LIROPE	LIRIOPE SPICATA	10-12 INCHES	1 FT.	SPREADS BY NUMBERS
BIG LEAF PERIWINKLE	VINCA MAJOR	10-15 INCHES	4 FT.	LILAC FLOWERS IN SPRING. SEMI-SHADE.
COMMON PERIWINKLE	VINCA MINOR	5-6 INCHES	4 FT.	LAVENDER-BLUE FLOWERS IN SPRING. SEMI-SHADE.
CHEROKEE ROSE	ROSE LAEVIGATA	2 FT.	5 FT.	RAMPANT GROWER. NOT FOR RESTRICTED SPACE. STATE FLOWER.
MEMORIA ROSE	ROSA WEUCHURIANA	2 FT.	5 FT.	RAMPANT GROWER.
ST. JOHN'S WORT	HYPERICUM CALYCENUM	8-12 INCHES	3 FT.	SEMI-SHADE.
ANTHONY WATERER SPIREA	SPIREA BUMALDA	3-4 FT.	5 FT.	SUN.
THUNBERG SPIREA	SPIREA THINBERGII	3-4 FT.	5 FT.	SUN.

(PS) DISTURBED AREA STABILIZATION
(WITH PERMANENT VEGATATION)

TREES FOR EROSION CONTROL

TYPES OF SPECIES	SOIL MATERIAL	COMMON SOILS	PLANTING TREE SPECIES 1/	SPACING	PLANTING DATES 3/
BORROW AREAS, GRADED AREAS, AND SPOIL MATERIAL	SANDY	LAKELAND	LOBLOLLY PIPE (PINUS TAEDA)	2/	M-L. 12/1-3/15 C 12/1-3/1
			LONG LEAF PINE (PINUS PALUSTRIS)		
	LOAMY	ORANGEBURG	LOBLOLLY PINE	2/	M-L. 12/1-3/15 C 12/1-3/1
			SLASH PINE		
	CLAY	CECIL	LOBLOLLY PINE	2/	M-L. 12/1-3/15 C 12/1-3/1
			SLASH PINE		
			VIRGINIA PINE (PINUS VIRGINIANA)		
STREAMBANKS			WILLOWS 4/ (SALIX SPECIES)	2 FT. X 2 FT.	ALL 11/15-3/15

ENGINEER:
FORESITE group
Foresite Group, LLC
2301 Ogletree Village Lane
Suite 200
Auburn, AL 36830
o | 334.887.6064
f | 334.887.6024
w | www.foresitegroup.net

OWNER:
CITY OF AUBURN
144 TICHENOR AVENUE
AUBURN, AL 36830

CONTACT: HOLLAND DANIEL

PROJECT:
LAKE WILMORE MAINTENANCE BUILDING
709 OGLETREE ROAD
AUBURN, LEE COUNTY, AL 36830
SECTION 8, TOWNSHIP 18 N, RANGE 26 E

SEAL:
ALABAMA LICENSED No. 27803 PROFESSIONAL ENGINEER BRETT C. BAGWIN
8/24/2026

REVISIONS	DATE
60% CIVIL PLANS	07/01/2026
CITY COMMENTS	07/09/2026
CITY COMMENTS	07/16/2026
CITY COMMENTS	08/24/2026

PROJECT MANAGER: BCB
DRAWING BY: JMR
JURISDICTION: AUBURN, AL
DATE: 07/01/2026
SCALE: AS SHOWN
TITLE: EROSION CONTROL DETAILS
SHEET NUMBER: C-8.1
COMMENTS: <NOT RELEASED FOR CONSTRUCTION>
JOB/FILE NUMBER: 2062.004

GENERAL NOTES

FOUNDATION:
1. SEE SOILS REPORT IF AVAILABLE FOR ADDITIONAL INFORMATION AND DESIGN REQUIREMENTS AND PARAMETERS.
2. ALL FOOTINGS WERE DESIGNED FOR AN ASSUMED NET ALLOWABLE SOIL BEARING OF 1500 PSF. BEARING CAPACITY SHALL CONFIRMED BY A REGISTERED GEOTECHNICAL ENGINEER BEFORE PLACING ANY CONCRETE.
3. DEPTHS SHOWN IN SECTIONS TO TOP OF FOOTING ELEVATIONS SHOWN ARE MINIMUM DEPTH. DIFFERENT OR UNUSUAL CONDITIONS SHALL BE REPORTED TO THE ARCHITECT AND/OR ENGINEER.
4. ALL FOOTING REINFORCEMENT SHALL BE HELD SECURELY FROM THE GROUND. CONCRETE BLOCK AND BROKEN TILE SHALL NOT BE USED. CONCRETE OR CLAY BRICK MAY BE USED.
5. DOWEL ALL FOOTINGS AND SLAB WHERE THEY ABUT – SEE SECTIONS.
6. PROVIDE PREFORMED EXPANSION JOINT WITH SEALANT WHERE SHOWN.
7. IN FOOTINGS, UNLESS OTHERWISE SHOWN, PROVIDE CORNER BARS AT ALL EXTERIOR BUILDING CORNERS 10'–0" X 10'–0" OR PROPRIETARY MECHANICAL ANCHORAGE AT CORNERS SHORTER THAN 10'–0", TOP AND BOTTOM SAME AS HORIZONTAL REINFORCEMENT.
8. BOTTOM OF ALL FOUNDATIONS SHALL EXTEND A MINIMUM OF TWELVE (12) INCHES BELOW THE TOP OF FINISHED GRADE.

CONCRETE:
1. ALL CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH AT 28 DAYS OF F'c = 3000 PSI, A MAXIMUM WATER–CEMENT RATIO OF 0.55 AND SHALL CONTAIN ENTRAINED AIR. SEE SPECS FOR ADDITIONAL INFORMATION.
2. ALL DEFORMED REINFORCING STEEL SHALL CONFORM TO ASTM A615 GRADE 60.
3. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A1064.
4. PROTECTIVE COVERING OF REINFORCEMENT (SEE DETAILS) SHALL BE AS FOLLOWS: FOOTINGS AND GRADE BEAMS 3" CLEAR BOTTOM AND SIDES, 1 1/2" CLEAR TOP. CONCRETE SLABS 3/4" CLEAR. CONCRETE PIERS AND WALLS 1 1/2" CLEAR SIDES.
5. LAP ALL CONTINUOUS BARS WITH CLASS A SPLICES AS SHOWN IN THE TABLE THIS SHEET UNLESS OTHERWISE NOTED.
6. PLACING PLANS AND DETAILS SHALL BE IN ACCORDANCE WITH THE LATEST "A.C.I. DETAILING MANUAL".
7. STEEL FABRICATOR SHALL SUBMIT SHOP DRAWINGS FOR THE ARCHITECT AND/OR ENGINEER'S REVIEW.
8. THERE SHALL BE NO REINFORCING STEEL WELDED.
9. COMPRESSIVE STRENGTH TESTS SHALL BE AVAILABLE ON JOB SITE FOR FOR REVIEW OF THE INSPECTOR.

ENGINEERED PRE–FABRICATED STEEL BUILDING FRAMES AND GENERAL STRUCTURAL:
1. THE COMPLETE DESIGN OF BUILDING FRAMES INCLUDING ALL COMPONENTS SHOWN OR NOT SHOWN ON THE DRAWINGS SHALL BE ACCOMPLISHED BY THE BUILDING FRAME MANUFACTURER.
2. THE DESIGN SHALL BE MADE BY AN ENGINEER, REGISTERED IN THE STATE OF ALABAMA AND SHALL BE SIGNED AND SEALED BY THIS ENGINEER.
3. THE BUILDING FRAMES AND ALL COMPONENTS SHALL BE DESIGNED FOR THE FOLLOWING MINIMUM DEAD AND LIVE LOADS;
   a.) ACTUAL WEIGHT OF STEEL STRUCTURE.
   b.) ANY COLLATERAL LOAD REQUIRED BY THE OWNER, 6 PSF, MINIMUM.
   c.) 20 PSF ROOF LIVE LOAD, REDUCIBLE.
   d.) WIND LOADING AS REQUIRED BY INTERNATIONAL BUILDING CODE.
   e.) SNOW LOADING AS REQUIRED BY INTERNATIONAL BUILDING CODE.
   f.) SEISMIC LOADING AS REQUIRED BY INTERNATIONAL BUILDING CODE.
   g.) SPRINKLER SYSTEM LOADING, IF REQUIRED (SEE OTHER DWGS)
   h.) HEATERS AND MECHANICAL EQUIPMENT AND PIPING.
   i.) ROOF DEAD LOAD OF NOT LESS THAN 3 PSF NOT INCLUSIVE OF COLLATERAL.
4. COLUMN BASES AREA DESIGNED AS MOMENT CONNECTIONS WITH MAGNITUDES OF REACTION MOMENTS LIMITED TO MAGNITUDES PUBLISHED BY PREFABRICATED CONNECTOR MANUFACTURER.
5. PROVIDE ANCHOR BOLTS AND OTHER FASTENERS, AS PER CONNECTOR MANUFACTURER.
6. SEE PLAN FOR MINIMUM COLUMN SIZE, GRADE, AND SPECIES AND OTHER REQUIREMENTS.
7. ALL COMPONENTS OF BUILDING SHALL BE DESIGNED FOR MAXIMUM DEFLECTION AND DRIFT LIMITATIONS OF SPAN/240 FOR TOTAL (DEAD PLUS LIVE) LOADS, AND SPAN/360 & HEIGHT/240 FOR LIVE, WIND AND OTHER TRANSIENT LOADS.
8. ENDWALL OR PARAPET DETAILING SHALL BE COORDINATED WITH THE MANUFACTURING OF THE BUILDING COMPONENTS.

WOOD FRAMING:
1. ALL WOOD FRAMING MEMBERS SHALL BE STRESS RATED AND GRADE MARKED.
2. ALL FRAMING MEMBERS SHALL BE NO.2, KILN DRIED, SOUTHERN YELLOW PINE OR APPROVED EQUAL.
3. PROVIDE PREFABRICATED WOOD FRAMING WHERE INDICATED ON PLAN.
4. ALL FRAMING SHALL BE DESIGNED AND MANUFACTURED TO MEET THE FOLLOWING WORKING LOADS AND CODES.
5. PROVIDE CAMBER IN ALL FRAMING TO OFFSET 50% OF DEAD LOAD.
6. ANCHOR ALL FRAMING, GIRTS, AND PURLINS TO SUPPORTS WITH GALVANIZED FRAMING ANCHORS.
7. PROVIDE CONTINUOUS "X" BRIDGING AS REQUIRED FOR UPLIFT BRACING AS REQUIRED BY THE TRUSS MANUFACTURER. INSTALL THE CONTINUOUS "X" BRACING AS FRAMING IS ERECTED.
8. PROVIDE 2–2X10 LINTELS AT ALL WOOD–FRAMED OPENINGS UNLESS NOTED OTHERWISE WITH SYP NO.2 2X4 FULL HEIGHT EACH END.
9. LAMINATED VENEER LUMBER (LVL) MEMBERS SHALL HAVE A MINIMUM MODULUS OF ELASTICITY OF 2,000,000 PSI.
10. DEFLECTIONS OF ALL FLOOR AND ROOF FRAMING SHALL BE LIMITED TO 1/240 SPAN FOR TOTAL LOADS AND 1/360 SPAN FOR LIVE LOADS.

CODES:
ALL PARTS SHALL BE FURNISHED AND ERECTED ACCORDING TO THE LATEST ENFORCED APPLICABLE CODES AND SPECIFICATIONS OF THE FOLLOWING:
INTERNATIONAL BUILDING CODE (IBC) – 2021
AMERICAN CONCRETE INSTITUTE (ACI)
AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC)
AMERICAN WELDING SOCIETY (AWS D1.1)
CONCRETE REINFORCING STEEL INSTITUTE (CRSI)
AMERICAN IRON & STEEL INSTITUTE (AISI)
METAL BUILDING MANUFACTURER'S ASSOCIATION (MBMA)

GENERAL DESIGN INFORMATION:
1. BUILDING AND COMPONENTS TO BE DESIGNED IN COMPLIANCE WITH 2021 International Building Code.
2. MANUFACTURERS OF BUILDING COMPONENTS SUCH AS CURTAIN WALL SYSTEMS, ETC., SHALL SUBMIT SHOP DRAWINGS SEALED BY A REGISTERED ENGINEER AS REQUIRED BY LOCAL ORDINANCES. SAID SHOP DRAWINGS SHALL BE AVAILABLE AT JOB SITE DURING TIMES OF INSPECTION.

HANDRAILS, STAIRS AND RAILINGS
MINIMUM PIPE HANDRAIL SIZE FOR A SPAN OF 6'–0" SHALL BE P1.5x0.145. MINIMUM PIPE PICKET SIZE SHALL BE P0.5x.109. DESIGNS FOR STEEL STUD SYSTEMS FOR HANDRAILS SHALL BE PROVIDED IN SHOP DRAWING FORM AND SHALL BE SEALED BY AN ENGINEER REGISTERED IN THE STATE OF PROJECT. STEELNETWORK "STIFFCLIPS" MAY BE UTILIZED FOR STIFFENING OF OTHERWISE UNSTIFFENED ELEMENTS AND AS DESIGNED, SIGNED, AND SEALED BY AN ENGINEER REGISTERED IN THE STATE OF PROJECT.
DESIGN LIVE LOAD AT STAIRS SHALL BE 100 PSF.

SEISMIC DATA
Ss : 0.129
S1 : 0.074
Fa : 1.6
Fv : 2.4
Sms : 0.206
Sm1 : 0.178
Sds : 0.137
Sd1 : 0.119
TL : 12
PGA : 0.061
PGA M : 0.098
FPGA : 1.6
Ie : 1
Cv : 0.7
Seismic Design Category: B

DESIGN LIVE LOADS:
ROOF.....20 PSF, REDUCIBLE, PER IBC 1607.11.
SEISMIC.....USE GROUP II, I=1.0 SITE CLASS D, DESIGN CAT. C, R=3, Ss AND S1 PER ASCE 7
MIN BASE SHEAR PER IBC, PER EQUIVALENT LATERAL FORCE PROCEDURE
SNOW.....FLAT ROOF SNOW LOAD OF 5 PSF, PER ASCE–7
WIND*.....(ASD) 85.2 MPH, I = 1.0 CAT II, EXP "C", Gcp =±.18 PER ASCE 7–16
WIND*.....(USD) 110 MPH, RISK CAT II, EXP "C", GCP =±.18 PER ASCE 7–16
RAIN.....I1 = 6.99 INCHES/HOUR, I2 = 3.32 INCHES/HOUR, PER ASCE–7
NOTE: WIND* INDICATES THAT THE FRAME DESIGNER SHALL UTILIZE THE MOST STRINGENT VALUE OR COMBINATION OF VALUES OF ENCLOSURE FACTOR, Gcp, TO CREATE THE MOST SEVERE DESIGN OUTCOME FOR EACH OF THE FRAMES.

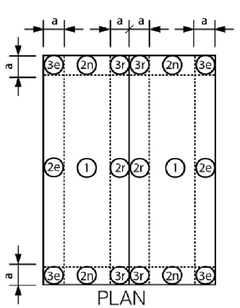
C&C Wind Roof & Wall Summary per Ch 30 Pt 1 (Table 1 of 2)
All wind pressures include a Load Factor (LF) of 0.6

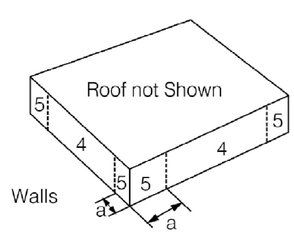
Zone	Reference	P_{max} A ≤ 2 ft² psf	P_{min} A ≤ 2 ft² psf	P_{max} A = 10 ft² psf	P_{min} A = 10 ft² psf	P_{max} A = 20 ft² psf	P_{min} A = 20 ft² psf	P_{max} A = 50 ft² psf	P_{min} A = 50 ft² psf
1	F:30.3-2B	12.03	-29.80	9.78	-29.80	9.60	-29.80	9.60	-18.13
2e	F:30.3-2B	12.03	-29.80	9.78	-29.80	9.60	-29.80	9.60	-18.13
2n	F:30.3-2B	12.03	-43.47	9.78	-43.47	9.60	-37.58	9.60	-29.80
2r	F:30.3-2B	12.03	-43.47	9.78	-43.47	9.60	-37.58	9.60	-29.80
3e	F:30.3-2B	12.03	-43.47	9.78	-43.47	9.60	-37.58	9.60	-29.80
3r	F:30.3-2B	12.03	-51.67	9.78	-51.67	9.60	-44.27	9.60	-34.47
4	F:30.3-1	16.13	-17.50	16.13	-17.50	15.40	-16.77	14.44	-15.81
5	F:30.3-1	16.13	-21.60	16.13	-21.60	15.40	-20.15	14.44	-18.22
1_OHS	F:30.3-2B	9.60	-36.64	9.60	-36.64	9.60	-36.64	9.60	-28.85
2e_OHS	F:30.3-2B	9.60	-36.64	9.60	-36.64	9.60	-36.64	9.60	-28.85
2'_OHS	F:30.3-2B	9.60	-36.64	9.60	-36.64	9.60	-36.64	9.60	-28.85
2n_OHS	F:30.3-2B	9.60	-50.31	9.60	-50.31	9.60	-45.89	9.60	-40.05
2r_OHS	F:30.3-2B	9.60	-50.31	9.60	-50.31	9.60	-45.89	9.60	-40.05
3e_OHS	F:30.3-2B	9.60	-58.51	9.60	-58.51	9.60	-50.85	9.60	-40.74
3'_OHS	F:30.3-2B	9.60	-58.51	9.60	-58.51	9.60	-50.85	9.60	-40.74
3r_OHS	F:30.3-2B	9.60	-66.71	9.60	-66.71	9.60	-56.83	9.60	-43.78

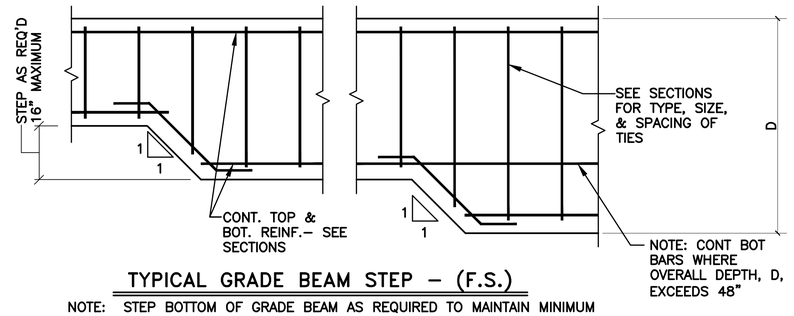
C&C Wind Roof & Wall Summary per Ch 30 Pt 1 (Table 2 of 2)
All wind pressures include a Load Factor (LF) of 0.6

Zone	Reference	P_{max} A = 100 ft² psf	P_{min} A = 100 ft² psf	P_{max} A = 200 ft² psf	P_{min} A = 200 ft² psf	P_{max} A = 250 ft² psf	P_{min} A = 250 ft² psf	P_{max} A > 500 ft² psf	P_{min} A > 500 ft² psf
1	F:30.3-2B	9.60	-9.60	9.60	-9.60	9.60	-9.60	9.60	-9.60
2e	F:30.3-2B	9.60	-9.60	9.60	-9.60	9.60	-9.60	9.60	-9.60
2n	F:30.3-2B	9.60	-23.91	9.60	-18.03	9.60	-16.13	9.60	-16.13
2r	F:30.3-2B	9.60	-23.91	9.60	-18.03	9.60	-16.13	9.60	-16.13
3e	F:30.3-2B	9.60	-23.91	9.60	-18.03	9.60	-16.13	9.60	-16.13
3r	F:30.3-2B	9.60	-27.07	9.60	-27.07	9.60	-27.07	9.60	-27.07
4	F:30.3-1	13.72	-15.08	12.99	-14.36	12.76	-14.12	12.03	-13.40
5	F:30.3-1	13.72	-16.77	12.99	-15.32	12.76	-14.85	12.03	-13.40
1_OHS	F:30.3-2B	9.60	-22.97	9.60	-22.97	9.60	-22.97	9.60	-22.97
2e_OHS	F:30.3-2B	9.60	-22.97	9.60	-22.97	9.60	-22.97	9.60	-22.97
2'_OHS	F:30.3-2B	9.60	-22.97	9.60	-22.97	9.60	-22.97	9.60	-22.97
2n_OHS	F:30.3-2B	9.60	-35.64	9.60	-31.22	9.60	-29.80	9.60	-29.80
2r_OHS	F:30.3-2B	9.60	-35.64	9.60	-31.22	9.60	-29.80	9.60	-29.80
3e_OHS	F:30.3-2B	9.60	-33.08	9.60	-25.43	9.60	-22.97	9.60	-22.97
3'_OHS	F:30.3-2B	9.60	-33.08	9.60	-25.43	9.60	-22.97	9.60	-22.97
3r_OHS	F:30.3-2B	9.60	-33.90	9.60	-33.90	9.60	-33.90	9.60	-33.90

a = 3'–0"





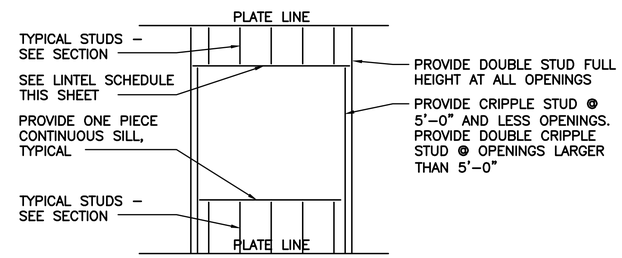


TYPICAL GRADE BEAM STEP – (F.S.)

NOTE: STEP BOTTOM OF GRADE BEAM AS REQUIRED TO MAINTAIN MINIMUM BEARING ELEVATION OF NOT LESS THAN 12" BELOW ADJACENT FINISH GRADES, MAINTAINING TOP OF GRADE BEAM ELEVATION. PROVIDE ADDITIONAL CONTINUOUS BARS SAME AS SIZE INDICATED FOR LENGTH OF DEEPER GRADE BEAM

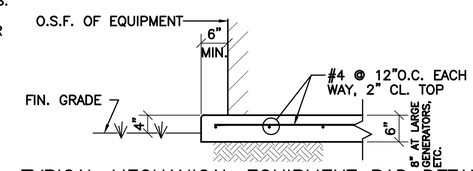
REBAR LAP SCHEDULE		
BAR #	CONCRETE CLASS 'A'	CONCRETE CLASS 'B'
#3	17"	22"
#4	22"	29"
#5	28"	36"
#6	33"	43"
#7	49"	63"
#8	56"	72"

NOTE:
USE CLASS 'B' LAP UNLESS OTHERWISE NOTED ON THESE DRAWINGS

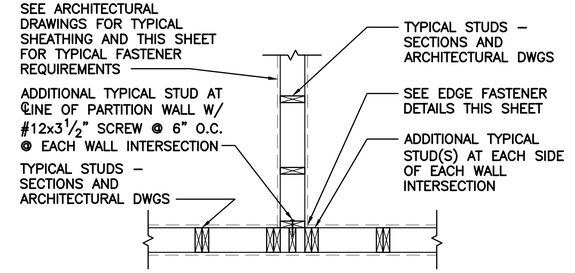


TYPICAL MISC WALL OPENING FRAMING DETAIL

NTS



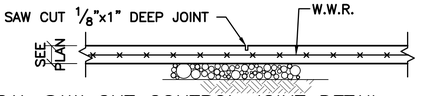
TYPICAL MECHANICAL EQUIPMENT PAD DETAIL



TYPICAL PLAN VIEW DETAIL AT WALL INTERSECTIONS

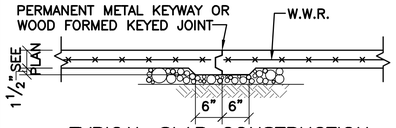
REBAR LAP SCHEDULE		
BAR #	CONCRETE CLASS 'A'	CONCRETE CLASS 'B'
#3	17"	22"
#4	22"	29"
#5	28"	36"
#6	33"	43"
#7	49"	63"
#8	56"	72"

NOTE:
USE CLASS 'B' LAP UNLESS OTHERWISE NOTED ON THESE DRAWINGS



TYPICAL SAW CUT CONTROL JOINT DETAIL – (S.J.)

CUT SAWN JOINTS AS SOON AS SLAB WILL SUPPORT WEIGHT OF EQUIPMENT



TYPICAL SLAB CONSTRUCTION JOINT DETAIL – (C.J.)

LINTEL SCHEDULE

MARK OR LOCATION	MAX. SPAN	TYPE	SIZE	REINFORCEMENT	REMARKS
WOOD WALL	10'–0"+	LVL	3–1 3/4"x16"	2X ℞ TOP & BOT	SEE SECTIONS FOR ADDITIONAL INFO
WOOD WALL	8'–4"	LVL	3–2x10	2X ℞ TOP & BOT	SEE SECTIONS FOR ADDITIONAL INFO
WOOD WALL	6'–4"	DIMENSIONAL LUMBER	2–2x10	2X ℞ TOP & BOT	SEE SECTIONS FOR ADDITIONAL INFO
WOOD WALL	4'–0"	DIMENSIONAL LUMBER	2–2x6	2X ℞ TOP & BOT	SEE SECTIONS FOR ADDITIONAL INFO

NOTES:
1 – UNLESS NOTED BEAR ON DOUBLE STUDS EACH END, GROUND FLR TO ROOF AND PROVIDE ADDITIONAL STUD FULL HEIGHT. CONFIRM PATH OF LOADS TO FOUNDATION. CONTACT ENGINEER W/ DIFFERENT OR UNUSUAL CONDITIONS. SEE ALSO FRAMING DETAIL THIS SHEET.

AUBURN STRUCTURAL DESIGN, INC.
ROY H. MAYO, JR. P.E.
2008 JANABROOKE LN
AUBURN, AL 36830
(334) 826-8040
engineer@austructure.com/
www.austructure.com
ROMANS 9:20 "...for all have sinned and fall short of the glory of God."

356 ARCHITECTURE + INTERIORS
356 ARCHITECTURE + INTERIORS LLC
KIMAYTON@356ALCOM | 865.603.4071

NO. 21597 PROFESSIONAL ROY H. MAYO, JR. ENGINEER
8/24/26

CLIENT:
CITY OF AUBURN
14 TICHENOR AVENUE
AUBURN, AL 36830

PROJECT MANAGER:
HOLLAND CAMBIL
HCAMBIL@AUBURNALABAMA.ORG

CIVIL ENGINEER:
BRETT BAUGUH
FORESITE GROUP, LLC
2128 MOORES MILL ROAD, SUITE C
AUBURN, AL 36830

OFFICE: 334-887-5564 ext. 302
BBAUGUH@FS-NET.NET

LAKE WILMORE EQUIPMENT BARN

709 OGLETREE RD.
AUBURN, AL 36830

ISSUE DATE: 08/24/2026 100% BID SET

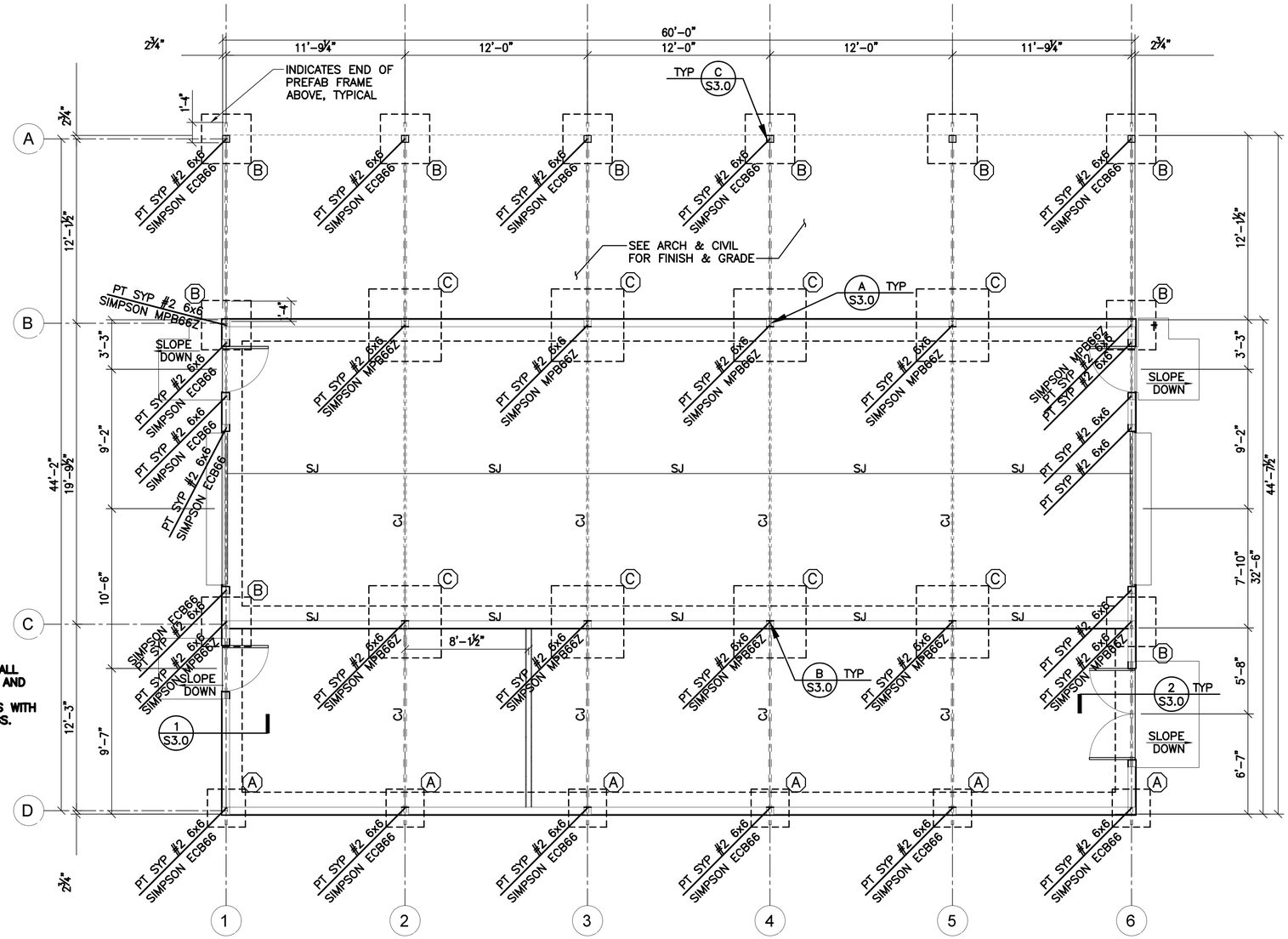
REVISIONS:

No.	Description	Date

DRAWING NAME:
General Notes, Typical Details, and Schedules

S1.0

356AI Project # 2025.38



1 FLOOR AND FOUNDATION PLAN
SCALE: 1/4" = 1'-0"

FLOOR CONSTRUCTION

6" CONCRETE SLAB W/ 6x6–W2.9x W2.9 W.W.R. OVER VAPOR BARRIER OVER 4" POROUS FILL.
FINISH FLOOR ELEVATION = 0'–0"
TOP OF INT. FTG EL.= –0'–8" BELOW FF
TOP OF EXT. FTG EL.= –0'–8" BELOW FF

STEP FOOTING AS REQUIRED TO MAINTAIN DEPTHS PER GEOTECHNICAL REPORT (IF AVAILABLE) AND PER SITE PLAN FINISH GRADES, BUT NOT LESS THAN 6" COVER BELOW GRADE, TYPICAL

1. PROVIDE FOOTING STEPS AS REQUIRED BY FINISHED GRADES. SEE THIS SHEET FOR TYPICAL DETAIL.
2. SLOPE SLABS TO DRAINS AND DEPRESS AS REQUIRED – SEE ARCH.
3. SEE SHEET S1.0 FOR SJ & CJ DETAILS.
4. PROVIDE BLOCKOUTS IN SLAB AS REQUIRED–COORDINATE WITH ARCH DWGS FOR EXACT SIZE, LOCATION, ETC.
5. FINAL SLAB JOINT LAYOUT MAY BE COORDINATED WITH OWNER, CONTRACTOR AND ARCHITECT. FINAL LAYOUT MAY BE COORDINATED TO DIVIDE THE SLAB INTO AS EQUAL AND SQUARE AS PROPORTIONS AS IS POSSIBLE AND COORDINATE WITH WALL CORNERS TO ELIMINATE SLAB BARS AS IS SHOWN.
6. STEP FOOTINGS AS REQUIRED TO COORDINATE W/ PLUMBING PENETRATIONS, TYPICAL.
7. PROVIDE THICKENED SLABS AND ANCHORAGE AND OPENING DETAILING AS REQUIRED BY EQUIPMENT MANUFACTURER FOR ALL EQUIPMENT.

NOTE: CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND COORDINATE BUILDING FINISHES AND LOCATIONS WITH ARCHITECTURAL DRAWINGS.

FOOTING SCHEDULE

MARK	SIZE	DEPTH	REINFORCEMENT
A	2'–6" x 2'–6"	12"	4–#5 EA. WAY T&B
B	3'–3" x 3'–3"	12"	4–#5 EA. WAY T&B
C	4'–9" x 4'–9"	12"	5–#5 EA. WAY T&B

356 ARCHITECTURE + INTERIORS
356 ARCHITECTURE + INTERIORS LLC
KIMAYTON@356AI.COM | 865.603.4071

REGISTERED NO. 21597 PROFESSIONAL ENGINEER ROY HOWARD MAYO JR.

CLIENT:
CITY OF AUBURN
14 TICHENOR AVENUE
AUBURN, AL 36830

PROJECT MANAGER:
HOLLAND DAVIES
HDAVIES@AUBURNALABAMA.ORG

CIVIL ENGINEER:
BRETT BAUGUH
FORESITE GROUP, LLC
2126 MOORES MILL ROAD, SUITE C
AUBURN, AL 36830

OFFICE: 334-887-5564 ext. 302
BBAUGUH@FG-1-C.NET

LAKE WILMORE EQUIPMENT BARN

709 OGLETREE RD.
AUBURN, AL 36830

ISSUE DATE: 08/24/2026 100% BID SET

REVISIONS:

No.	Description	Date

AUBURN STRUCTURAL DESIGN, INC.
ROY H. MAYO, JR. P.E.
2008 JANABROOKE LN
AUBURN, AL 36830
(334) 826-8040
engineer@austructure.com/
www.austructure.com

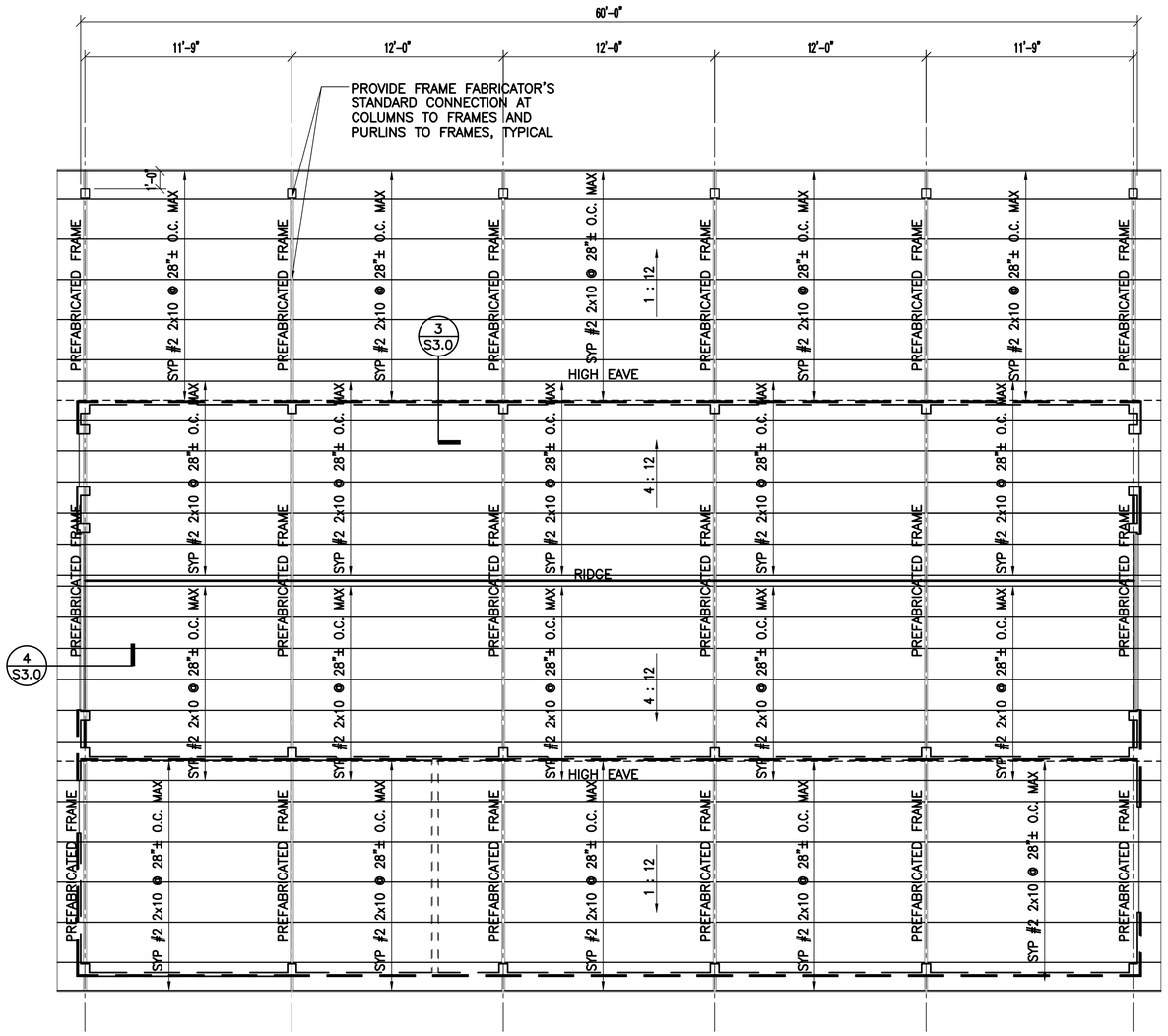
DRAWING NAME:
Floor and Foundation Plan

S2.0

356AI Project # 2025.38

ROOF CONSTRUCTION

ROOFING PER ARCHITECTURAL DRAWINGS ON 5/8" THICK APA RATED PLYWOOD DECK, EXPOSURE 1, WITH PANEL IDENTIFICATION INDEX OF 40/20 OVER DIMENSIONAL LUMBER 2x PURLINS AT SPACING SHOWN. COORDINATE EXACT SPACING WITH FRAME PANEL POINTS, TYPICAL.



1 SCHEMATIC ROOF FRAMING PLAN
SCALE: 1/4" = 1'-0"

356 ARCHITECTURE + INTERIORS
356 ARCHITECTURE + INTERIORS LLC
KIMAYTON@356AI.COM | 865.603.4071

NO. 21597 PROFESSIONAL ENGINEER ROY HOWARD MAYO JR.

CLIENT:
CITY OF AUBURN
144 TOMPKINS AVENUE
AUBURN, AL 36830

PROJECT MANAGER:
HOLLAND DANIEL
HDANIEL@AUBURNALABAMA.ORG

CIVIL ENGINEER:
BRETT BAUGUH
FORESITE GROUP, LLC
2236 MOORES MILL ROAD, SUITE C
AUBURN, AL 36830

OFFICE: 334-887-5564 ext. 302
BBAUGUH@FG-NC.NET

LAKE WILMORE EQUIPMENT BARN

709 OGLETREE RD.
AUBURN, AL 36830

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No.	Description	Date

DRAWING NAME:
Schematic Roof Framing Plan

S2.1

356AI Project # 2025.38

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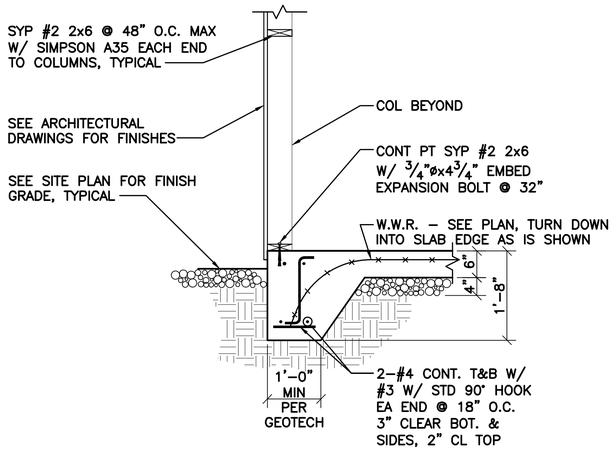
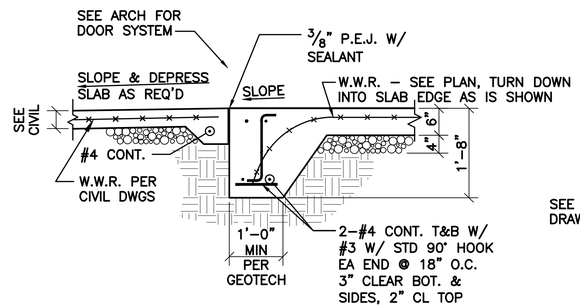
ROY H. MAYO, JR. P.E.
2008 JANABROOKE LN
AUBURN, AL 36830
(334) 826-8040
engineer@austructure.com/
www.austructure.com



SECTION 1 / S3.0
3/4"=1'-0"



SECTION 2 / S3.0
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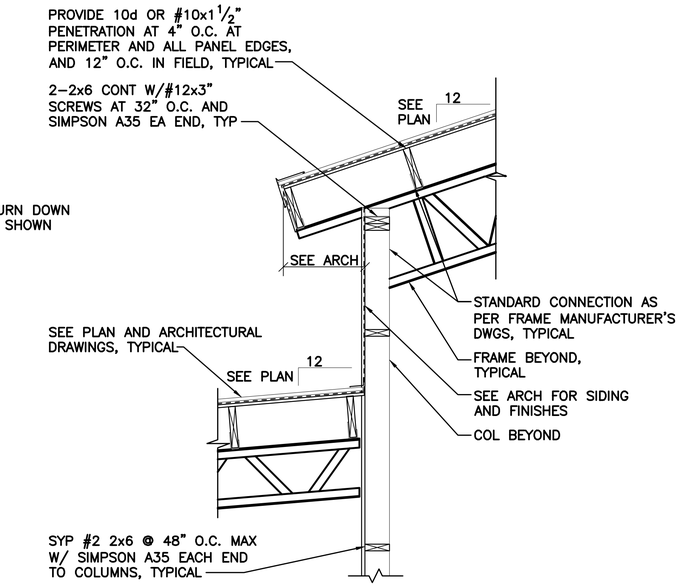

SECTION 3 / S3.0
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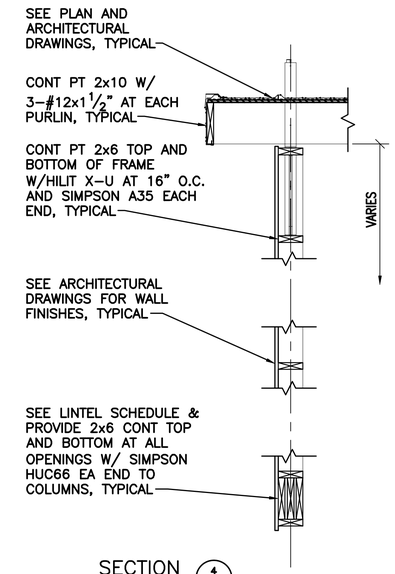

SECTION 4 / S3.0
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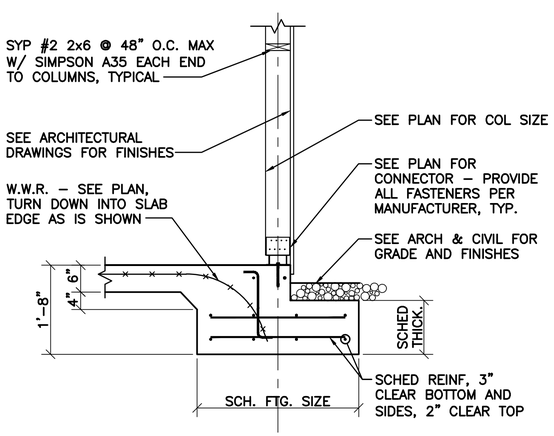
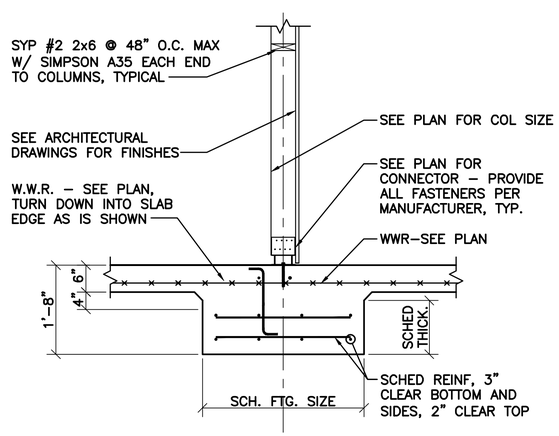
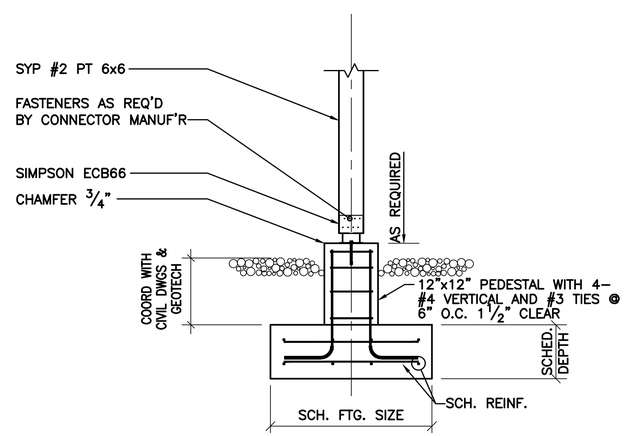


DETAIL A / S3.0
3/4"=1'-0"



DETAIL B / S3.0
3/4"=1'-0"



DETAIL C / S3.0
3/4"=1'-0"

AUBURN STRUCTURAL DESIGN, INC.
ROY H. MAYO, JR. P.E.
2008 JANABROOKE LN
AUBURN, AL 36830
(334) 826-8040
engineer@austructure.com/
www.austructure.com

This plan has one and only Civil, that whenever applicable, shall be used for all disciplines and trades.

356 ARCHITECTURE + INTERIORS
356 ARCHITECTURE + INTERIORS LLC
KIMAYTON@356AI.COM | 865.603.4071

STATE OF ALABAMA
NO. 21597
PROFESSIONAL ENGINEER
ROY HOWARD MAYO JR.

CLIENT:
CITY OF AUBURN
144 TICHENOR AVENUE
AUBURN, AL 36830

PROJECT MANAGER:
HOLLAND CAVIEL
HCAVIEL@AUBURNALABAMA.ORG

CIVIL ENGINEER:
BRETT BAUGUN
FORESITE GROUP, LLC
2126 MOORES MILL ROAD, SUITE C
AUBURN, AL 36830

OFFICE: 334-887-5564 ext. 302
BBAUGUN@FG-NC.NET

LAKE WILMORE EQUIPMENT BARN

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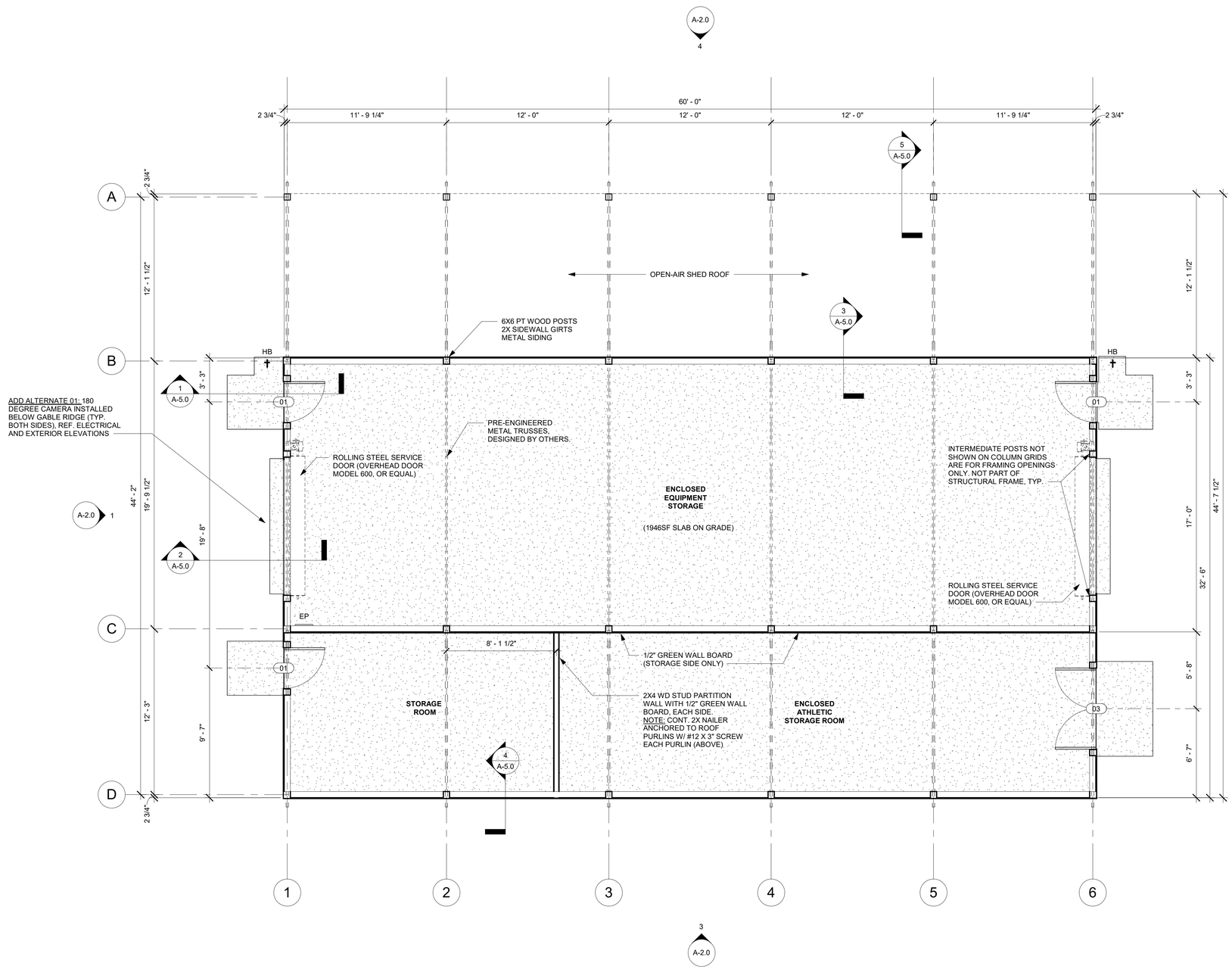
REVISIONS:

No.	Description	Date

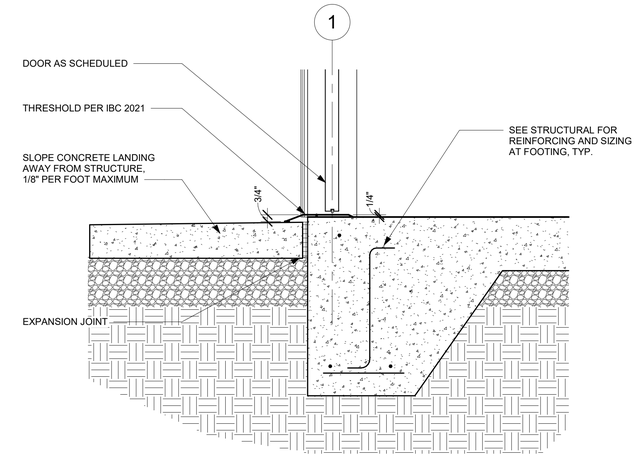
DRAWING NAME:
Foundation and Framing Sections and Details

S3.0

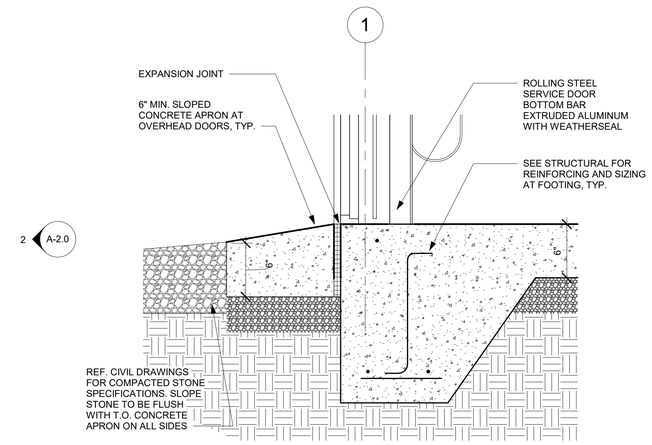
356AI Project # 2025.38



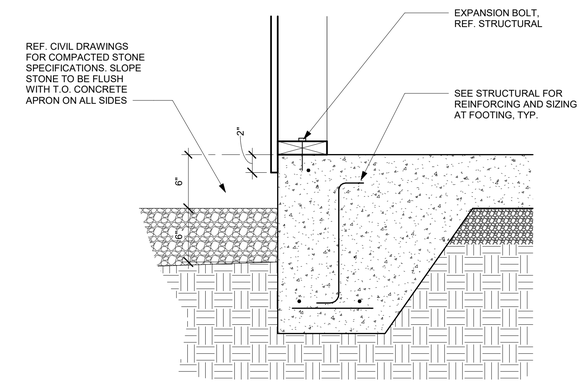
1 FLOOR PLAN
SCALE: 1/4" = 1'-0"



2 ENLARGED FOOTING DETAIL
SCALE: 1 1/2" = 1'-0"



3 ENLARGED FOOTING DETAIL
SCALE: 1 1/2" = 1'-0"



4 ENLARGED FOOTING DETAIL
SCALE: 1 1/2" = 1'-0"

356 ARCHITECTURE + INTERIORS
356 ARCHITECTURE + INTERIORS LLC
KMAYTON@356AI.COM | 865.603.4071

STATE OF ALABAMA
KENDRA L. MAYTON
8821
8/24/26
REGISTERED ARCHITECT

CLIENT:
CITY OF AUBURN
141 TICHENOR AVENUE
AUBURN, AL 36830

PROJECT MANAGER:
HOLLAND DANIEL
HDANIEL@AUBURNALABAMA.ORG

CIVIL ENGINEER:

BRETT BASQUIN
FORESITE GROUP LLC
2128 MOORES MILL ROAD, SUITE C
AUBURN, AL 36830

OFFICE: 334 887 8064 ext. 302
BBASQUIN@FG-NC.NET

LAKE WILMORE EQUIPMENT BARN

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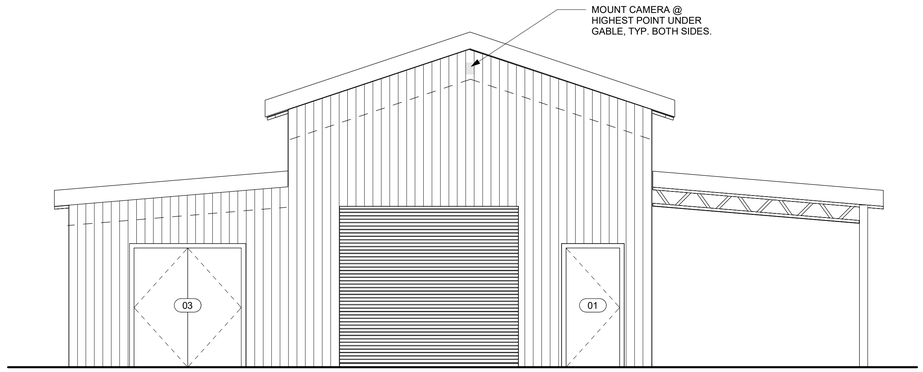
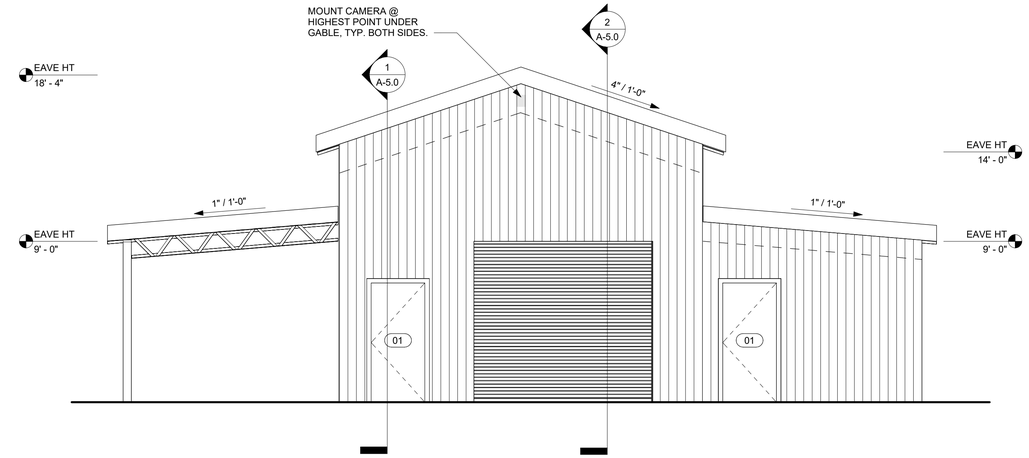
DRAWING NAME:
FLOOR PLAN

A-1.0

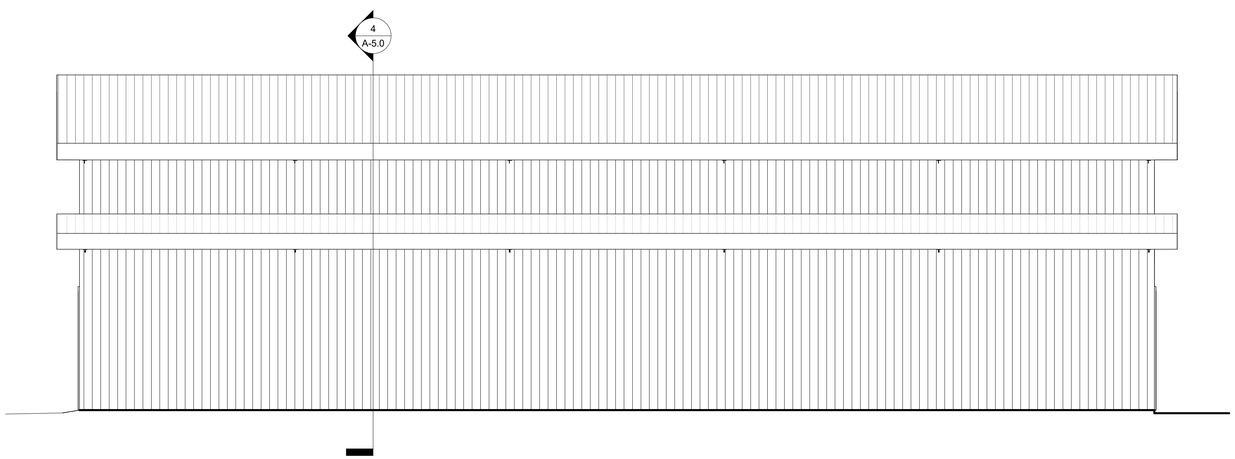
356AI Project #: 2025.38



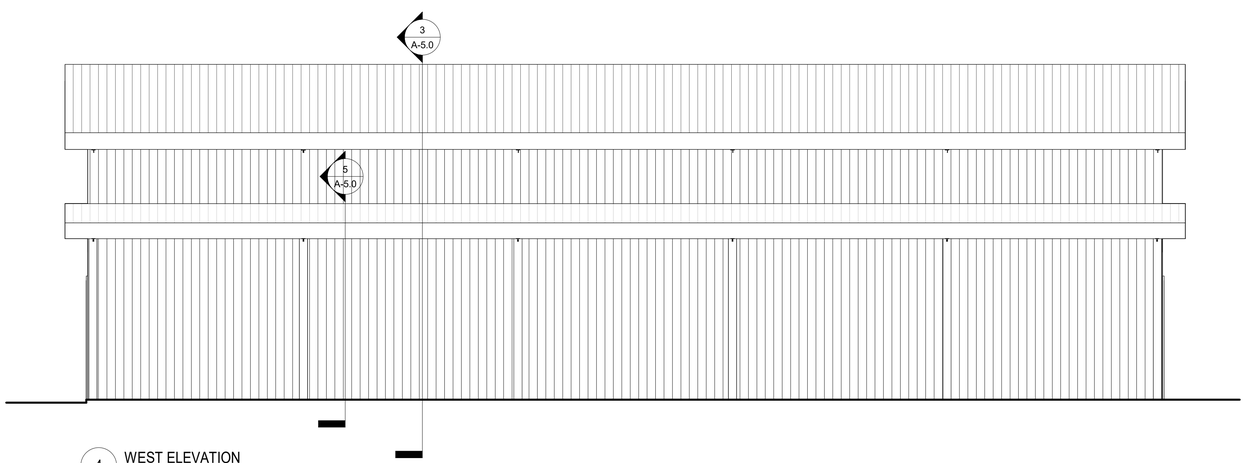
2 NORTH ELEVATION
SCALE: 1/4" = 1'-0"



1 SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



3 EAST ELEVATION
SCALE: 1/4" = 1'-0"



4 WEST ELEVATION
SCALE: 1/4" = 1'-0"

Door Schedule

Door Numbers	DOOR Height	DOOR Width	DOOR Thickness	DOOR Material	DOOR Finish	FRAME Frame Material	FRAME Frame Finish	FRAME Frame Type	Hardware Set	Door Type
01	6' - 8"	3' - 0"	0' - 1 3/4"	H.M.	PAINTED	H.M.	PAINTED	FR1	1	A
02	9' - 0"	10' - 0"	0' - 2"	O.H.D.	P.F.	WOOD	PAINTED	N/A		
03	6' - 8"	6' - 0"	0' - 1 3/4"	H.M.	PAINTED	H.M.	PAINTED	FR1	2	A

NOTES:
1. H.M. DOORS TO BE PAINTED SHERWIN WILLIAMS "URBANE BRONZE".
2. PROVIDE PHYSICAL SAMPLES FOR OWNER APPROVAL OF O.H.D. COLOR OPTIONS TO MATCH "SW URBANE BRONZE" PAINT COLOR.

DOOR HARDWARE

HARDWARE SET 1 (STORAGE)
Single Exterior Door – Hollow Metal
1) Hinges, butt
2) Cylinder Lockset; function: storage
3) Dead Bolt
4) Silencer
5) Wall stop
6) Steel Latch Protector

HARDWARE SET 2 (STORAGE)
Double Exterior Door – Hollow Metal
1) Hinges, butt
2) Cylinder Lockset; function: storage
3) Dead Bolt
4) Silencer
5) Wall stop
6) Steel Latch Protector

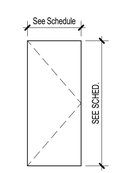
NOTES:

1. ADD ALTERNATE 03: PROVIDE SWIPE CARD ACCESS CONTROL FOR HARDWARE SET 2. REF. ELECTRICAL.

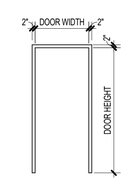
2. BEST CORES. GC TO PROVIDE ALL HARDWARE.

3. BRUSHED NICKLE FINISH, TYP.

4. ADA LEVER FUNCTION, TYP.



A - FLUSH DOOR



FR1
HOLLOW METAL

5 DOOR AND FRAME TYPES
SCALE: 1/4" = 1'-0"

356 ARCHITECTURE + INTERIORS
356 ARCHITECTURE + INTERIORS LLC
KMAYTON@356AI.COM | 865.603.4071

STATE OF ALABAMA
KENDRA L. MAYTON
8821
8/24/26
REGISTERED ARCHITECT

CLIENT:
CITY OF AUBURN
141 TICHENOR AVENUE
AUBURN, AL 36830

PROJECT MANAGER:
HOLLAND DANIEL
HDANIEL@AUBURNALABAMA.ORG

CIVIL ENGINEER:

BRETT BASQUIN
FORESITE GROUP LLC
2128 MOORES MILL ROAD, SUITE C
AUBURN, AL 36830

OFFICE: 334 887 8064 ext. 302
BBASQUIN@FG-NC.NET

LAKE WILMORE EQUIPMENT BARN

709 OGLETREE RD.
AUBURN, AL 36830

ISSUE DATE: 08/24/2026 100% BID SET

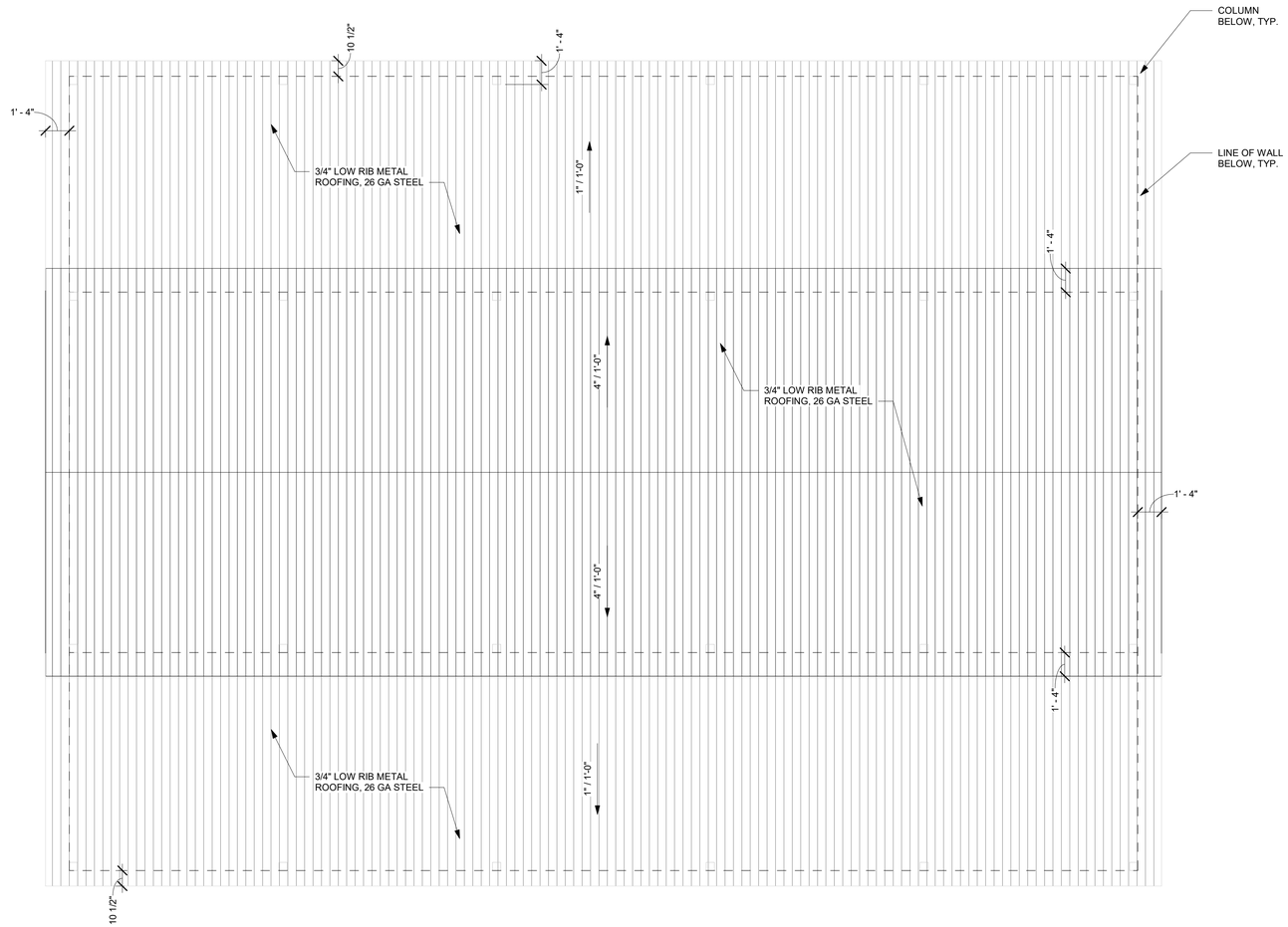
REVISIONS:

No.	Description	Date

DRAWING NAME:
EXTERIOR ELEVATIONS

A-2.0

356AI Project #: 2025.38



1 ROOF PLAN
SCALE: 1/4" = 1'-0"

356 ARCHITECTURE + INTERIORS
356 ARCHITECTURE + INTERIORS LLC
KMAYTON@356AI.COM | 865.603.4071

STATE OF ALABAMA
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8821
8/24/26
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CLIENT:
CITY OF AUBURN
141 TICHENOR AVENUE
AUBURN, AL 36830

PROJECT MANAGER:
HOLLAND DANIEL
HDANIEL@AUBURNALABAMA.ORG

CIVIL ENGINEER:

BRETT BASQUIN
FORESITE GROUP LLC
2128 MOORES MILL ROAD, SUITE C
AUBURN, AL 36830

OFFICE: 334 887 8064 ext. 302
BBASQUIN@FG-NC.NET

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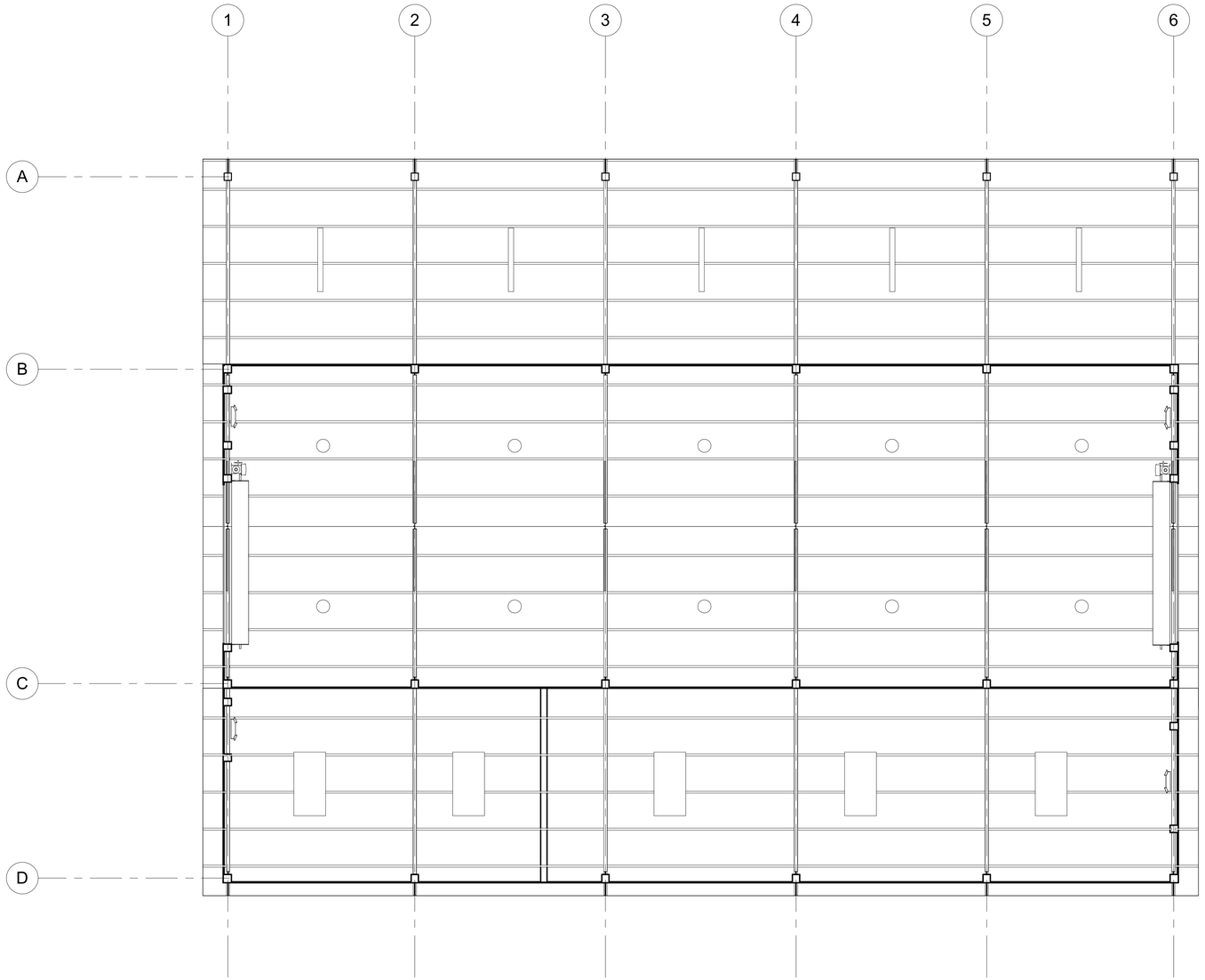
No.	Description	Date

DRAWING NAME:
ROOF PLAN

A-3.0

356AI Project #: 2025.38



1 REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0"

REFLECTED CEILING PLAN LEGEND

	2 x 4 SURFACE MOUNT LED LIGHT FIXTURE
	LINEAR DAMP RATED SURFACE MOUNT LED LIGHT FIXTURE
	LOW BAY LED LIGHT FIXTURE
	2-HEAD EMERGENCY LED FIXTURE

NOTE: REF. ELECTRICAL DRAWINGS

356 ARCHITECTURE + INTERIORS
356 ARCHITECTURE + INTERIORS LLC
KMAYTON@356AI.COM | 865.603.4071

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8821
8/24/26
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CLIENT:
CITY OF AUBURN
141 TICHENOR AVENUE
AUBURN, AL 36830

PROJECT MANAGER:
HOLLAND DANIEL
HDANIEL@AUBURNALABAMA.ORG

CIVIL ENGINEER:

BRETT BASQUIN
FORESITE GROUP LLC
2128 MOORES MILL ROAD, SUITE C
AUBURN, AL 36830

OFFICE: 334 887 8064 ext. 302
BBASQUIN@FG-INC.NET

LAKE WILMORE EQUIPMENT BARN

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ISSUE DATE: 08/24/2026 100% BID SET

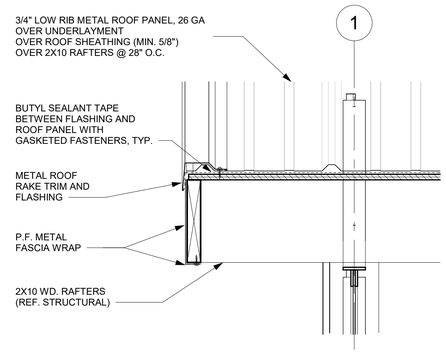
REVISIONS:

No.	Description	Date

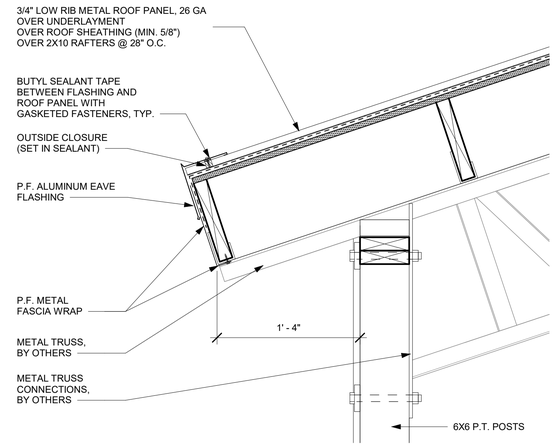
DRAWING NAME:
REFLECTED CEILING PLAN

A-4.0

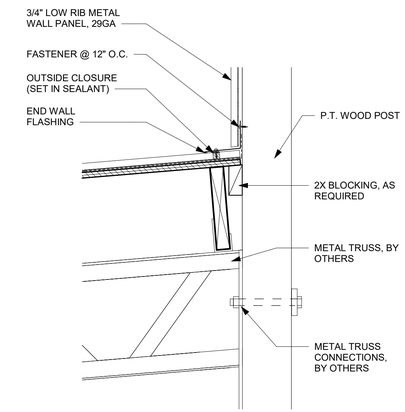
356AI Project # 2025.38



8 ENLARGED ROOF SECTION @ RAKE TRIM
SCALE: 1 1/2" = 1'-0"

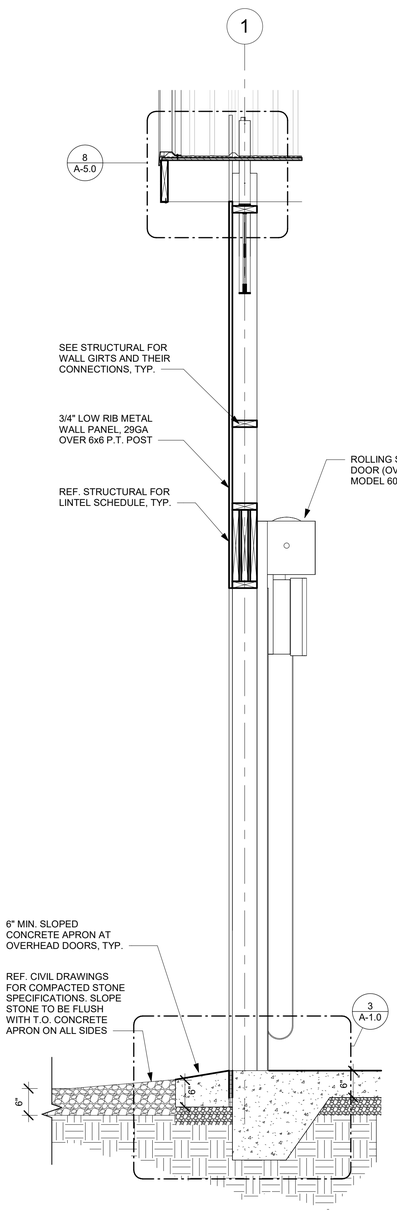


6 ENLARGED ROOF SECTION @ EAVE
SCALE: 1 1/2" = 1'-0"

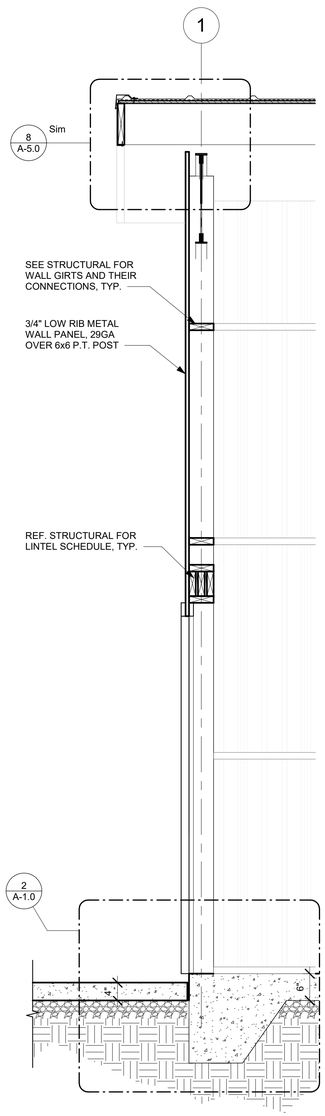


7 ENLARGED ROOF SECTION @ WALL FLASHING
SCALE: 1 1/2" = 1'-0"

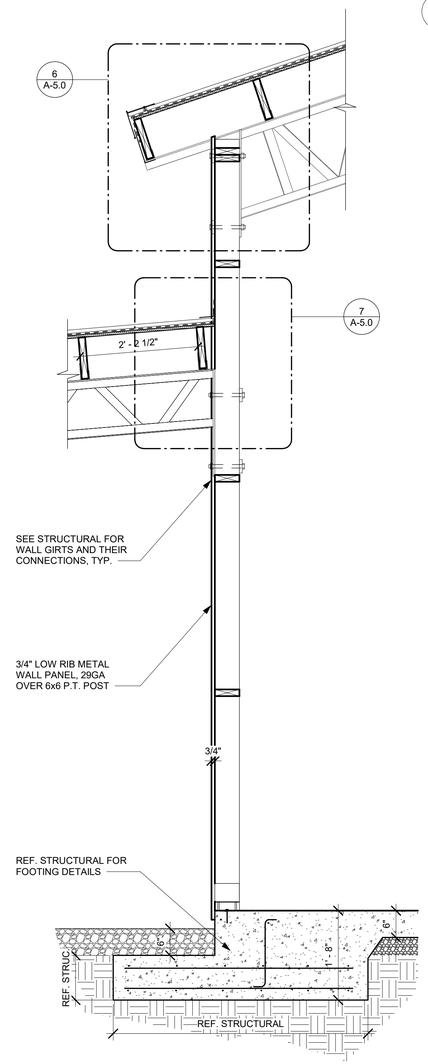
NOTE: TRUSS DESIGN AND ALL TRUSS CONNECTIONS TO BE DESIGNED BY MANUFACTURER'S ENGINEER (TYPICAL). SHOWN HERE FOR CONCEPT ONLY.



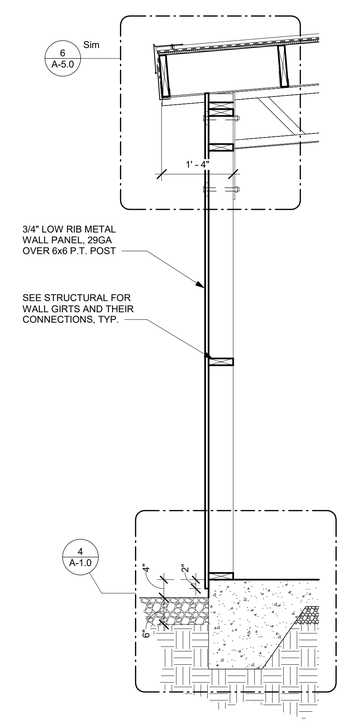
2 WALL SECTION
SCALE: 3/4" = 1'-0"



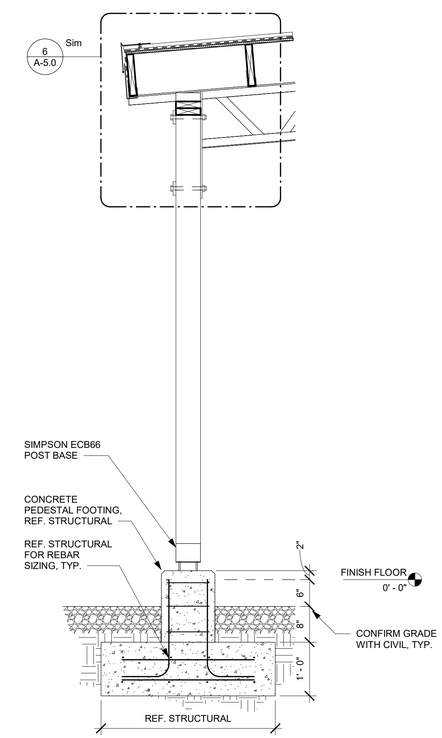
1 WALL SECTION
SCALE: 3/4" = 1'-0"



3 WALL SECTION
SCALE: 3/4" = 1'-0"



4 WALL SECTION
SCALE: 3/4" = 1'-0"



5 WALL SECTION
3/4" = 1'-0"

356 ARCHITECTURE + INTERIORS
356 ARCHITECTURE + INTERIORS LLC
KMAYTON@356ALCOM | 865.603.4071

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CITY OF AUBURN
141 TICHENOR AVENUE
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AUBURN, AL 36830

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BBASQUIN@FG-NC.NET

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ISSUE DATE: 08/24/2026 100% BID SET

REVISIONS:

No.	Description	Date

DRAWING NAME:
WALL SECTIONS

A-5.0

356AI Project #: 2025.38

PLUMBING SPECIFICATIONS

1. ALL PLUMBING EQUIPMENT AND INSTALLATIONS SHALL CONFORM WITH THE REQUIREMENTS OF THE APPLICABLE INTERNATIONAL PLUMBING CODE, INTERNATIONAL BUILDING CODE, THE 2015 IECC , NFPA 90A, 101, AND ALL APPLICABLE CODES AND ORDINANCES.

2. PRIOR TO PURCHASING ANY MATERIALS OR STARTING ANY WORK, CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS, PIPE SIZES AND LOCATIONS, EQUIPMENT, ETC. SHOWN ON THE DRAWINGS OR AFFECTING THIS WORK AND SHALL REPORT ANY DEVIATIONS TO THE ARCHITECT. CHANGE ORDERS SHALL NOT BE PERMITTED FOR FAILURE TO EVALUATE EXISTING CONDITIONS PRIOR TO BID.

3. SHOP DRAWINGS SHALL BE SUBMITTED TO AND APPROVED BY THE ARCHITECT PRIOR TO ORDERING, PURCHASING, OR FABRICATING ANY PLUMBING EQUIPMENT. SHOP DRAWINGS SHALL INCLUDE: ALL NEW EQUIPMENT SCHEDULED OR SPECIFIED ON THE DRAWINGS. SHOP DRAWINGS SHALL HAVE THE EQUIPMENT LABELED TO MATCH THE UNIT DESIGNATION SHOWN ON THE DRAWINGS. PROVIDE ALL INFORMATION INDICATED IN THE SCHEDULES OR ON THE DRAWINGS. SUBMIT ALL EQUIPMENT AT THE SAME TIME IN ELECTRONIC FORMAT.

4. CONTRACTOR SHALL COORDINATE ELECTRICAL CHARACTERISTICS AND REQUIREMENTS OF ALL PLUMBING EQUIPMENT WITH ELECTRICAL DRAWINGS PRIOR TO ORDERING EQUIPMENT OR SUBMITTING SHOP DRAWINGS, AND SHALL FURNISH EQUIPMENT WIRED FOR THE VOLTAGES SHOWN THEREIN.

5. ALL PLUMBING EQUIPMENT REQUIRING ELECTRICAL POWER SHALL BE INSTALLED WITH DISCONNECT SWITCHES AT EACH PIECE OF EQUIPMENT. COORDINATE SWITCH TYPE (FUSED OR NON-FUSED) WITH EQUIPMENT CHARACTERISTICS, MANUFACTURER'S RECOMMENDATIONS AND ELECTRICAL DRAWINGS.

6. ALL REQUIRED CONTROL WIRING NOT SHOWN ON THE ELECTRICAL DRAWINGS SHALL BE INCLUDED AS PART OF THE PLUMBING WORK. ANY CABLE ROUTED IN A RETURN AIR PLENUM SHALL BE PLENUM RATED.

7. ALL PLUMBING EQUIPMENT SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.

8. ALL PLUMBING EQUIPMENT AND SYSTEMS SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR AFTER ACCEPTANCE BY OWNER.

9. ALL PERMITS SHALL BE OBTAINED AND PAID FOR BY THE PLUMBING CONTRACTOR.

10. PRESSURE TEST ALL PIPING AFTER INSTALLATION. VALVE OFF ANY EQUIPMENT THAT MAY BE SUBJECT TO SEAL FAILURE DUE TO TESTING.

11. ABOVE GROUND DOMESTIC WATER PIPING SHALL BE TYPE "L" COPPER, COMMERCIAL GRADE PEX TYPE PIPING, OR CODE APPROVED ALTERNATVE. BELOW GROUND DOMESTIC WATER PIPING SHALL BE CODE APPROVED PVC OR CODE APPROVED EQUAL.

12. THE ENTIRE DOMESTIC WATER PLUMBING SYSTEM SHALL BE TESTED TO A PRESSURE OF 125 PSI FOR 6 HOURS OR AS REQUIRED BY LOCAL CODE. THE SANITARY SYSTEM SHALL BE TESTED IN ACCORDANCE WITH STATE AND LOCAL CODES WHERE REQUIRED. SUBMIT CERTIFIED TEST REPORT TO ARCHITECT FOR APPROVAL. ALL INSPECTIONS, TESTS, SURVEYS, AND ANY OTHER REQUIREMENTS SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR.

13. ALL WORK SHALL BE COORDINATED AND PERFORMED WITH PRIOR APPROVAL FROM THE OWNER TO SUIT HIS OPERATING CONDITIONS.

14. ANY EXISTING WALL, FLOOR, OR CEILING SURFACE THAT IS DISTURBED DURING THE COURSE OF THE PLUMBING WORK SHALL BE REPAIRED TO MATCH NEW AND/OR EXISTING CONDITIONS.

15. CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL PLUMBING EQUIPMENT, PIPING, ETC. TO FIT WITHIN THE SPACE ALLOWED BY THE ARCHITECTURAL AND STRUCTURAL CONDITIONS. CUTTING OR OTHERWISE ALTERING ANY STRUCTURAL MEMBERS SHALL NOT BE PERMITTED WITHOUT WRITTEN PERMISSION FROM THE ENGINEER/ARCHITECT.

16. PROVIDE WATER HAMMER ARRESTORS AT THE EACH END OF EACH DOMESTIC RUN OF PIPING.

17. THESE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND DO NOT NECESSARILY REFLECT ALL EXISTING CONDITIONS OR ACTUAL ROUTING. CONTRACTOR SHALL HAVE LATITUDE TO ADJUST ROUTING AS REQUIRED WHILE REMAINING CODE COMPLIANT. ENGINEER SHALL REVIEW ANY MAJOR DEVIATIONS FROM PLAN IF REQUIRED BY AHJ.

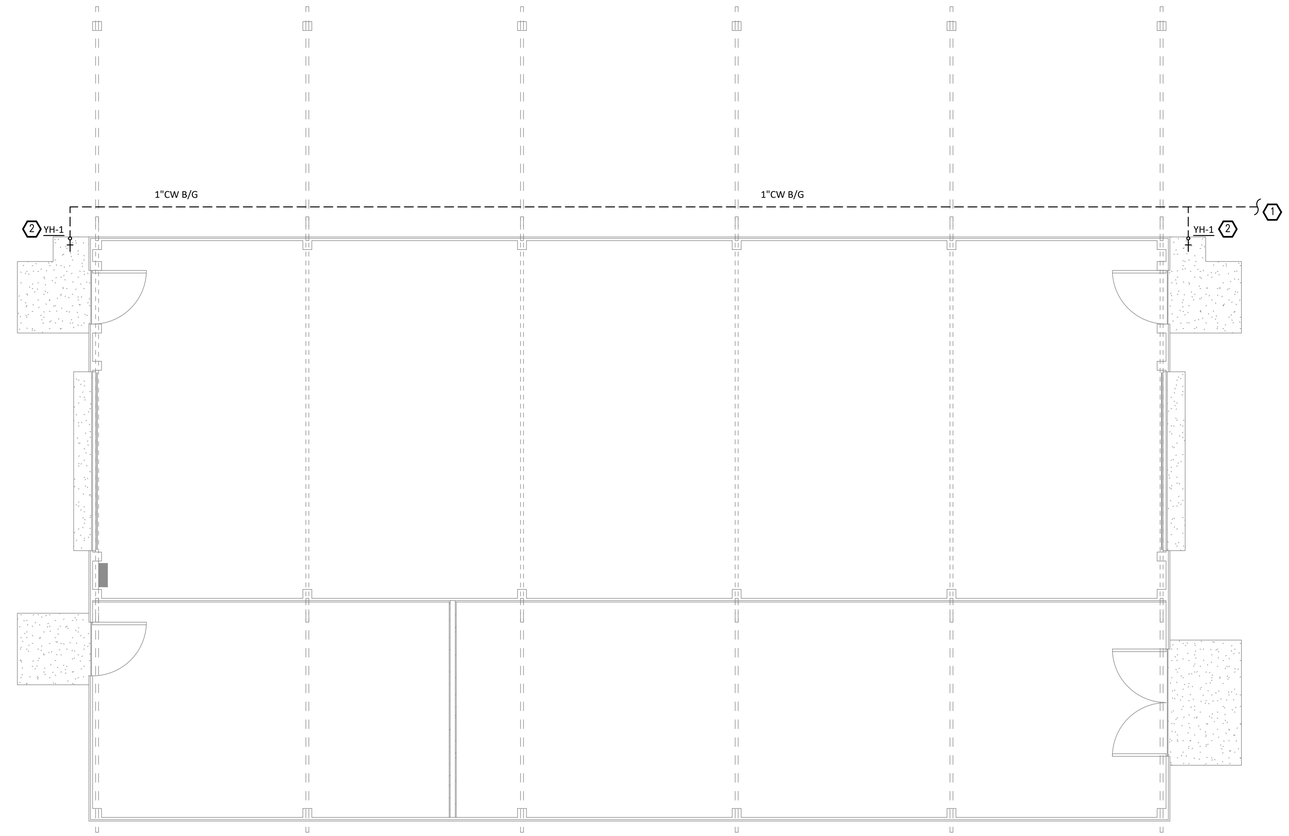
18. WATER PIPES, ELECTRICAL LINES, PANEL BOXES, & CONDUITS SHALL BE LOCATED AND PROPERLY INSTALLED AS TO FACILITATE EASY CLEANING OF FLOORS, WALLS, CEILING, AND EQUIPMENT.

19. ANY PLANNED DEVIATIONS TO THESE DOCUMENTS MUST BE DRAWN BY THE CONTRACTOR FOR SUBMITTAL TO THE ENGINEER AND THE AHJ.

20. FIRESTOPPING ALL PIPE PENETRATIONS OF FIRE AND OR SMOKE-RATED ASSEMBLIES SHALL BE FIRE-STOPPED AS REQUIRED TO RESTORE ASSEMBLY TO THE ORIGINAL INTEGRITY. FIRE BARRIER PRODUCTS SHALL BE AS MANUFACTURED BY 3M CO. CP25 CAULK, CS195 COMPOSITE PANEL, FS195 WRAP/ STRIP, OR PSS 7900 SERIES SYSTEM AS RECOMMENDED BY MFG. FOR PARTICULAR APPLICATION, OR EQUIVALENT SYSTEM AS APPROVED BY LOCAL CODE OFFICIALS. PENETRATIONS OF FIRE RATED ASSEMBLIES TO BE FIRESTOPPED PER IBC 714.PROVIDE COPIES OF ALL FIRESTOPPING SUBMITTALS TO THE INSPECTORS SHOWING ALL SYSTEMS TO BE INSTALLED.

LEGEND - PLUMBING

SYMBOLS	ABBRV.	DESCRIPTION
	OW	OILY WASTE PIPING BELOW FLOOR OR GRADE
	S	SANITARY WASTE PIPING BELOW FLOOR OR GRADE
	S	SANITARY WASTE PIPING ABOVE FLOOR OR GRADE
	V	VENT PIPING
	CW	DOMESTIC COLD WATER
	HW	DOMESTIC HOT WATER
	HWR	HOT WATER RECIRCULATE
	VTR	SANITARY VENT THROUGH ROOF
	FD	FLOOR DRAIN (-1 = TYPE)
	HD	HUB DRAIN
	CO / WCO	CLEANOUT / WALL CLEANOUT
	FCO	FLOOR CLEANOUT
	GCO	GRADE CLEANOUT
	HB	HOSE BIBB OR DRAIN VALVE
	GV	GATE VALVE
	CV	CHECK VALVE
	WHA	WATER HAMMER ARRESTOR (P.D.I SIZE)
	BFP	BACKFLOW PREVENTER ASSEMBLY
	RPZ	REDUCED PRESSURE ZONE (BFP)
	PRV	PRESSURE REDUCING VALVE
	T & P	TEMPERATURE AND PRESSUER RELIEF VALVE
	TP	TRAP PRIMER
		CONNECT TO EXISTING
P-1		PLUMBING FIXTURE DESIGNATION
1		REFER TO PLUMBING KEYNOTES
		CONTINUE TO DESIGNATED LOCATION
	A.F.G.	ABOVE FINISHED GRADE
	B.F.F.	BELOW FINISHED FLOOR
	B.F.G.	BELOW FINISHED GRADE
	A/C	ABOVE CEILING
	A/F	ABOVE FLOOR
	B/F	BELOW FLOOR
	B/G	BELOW GRADE
	A.F.F.	ABOVE FINISHED FLOOR
	AHJ	AUTHORITY HAVING JURISDICTION



KEYNOTES (APPLY TO THIS SHEET ONLY):

1. PROVIDE NEW 1" CW LINE TO SERVE STORAGE FACILITY. COORDINATE EXACT LOCATION OF WATER SERVICE IN FIELD.
2. PROVIDE FREEZE PROTECTION FOR ANY EXPOSED PIPING.

GENERAL NOTE (APPLY TO THIS SHEET ONLY):

BASE BID: PROVIDE A 3/4" DOMESTIC WATER METER AND 1" DOMESTIC WATER SERVICE. COORDINATE THE WATER SERVICE ROUTING, METER LOCATION, AND ALL UTILITY CONNECTIONS WITH THE CIVIL DRAWINGS.

ADD ALTERNATE NO. 2: PROVIDE A 1" DOMESTIC WATER METER AND 1-1/2" DOMESTIC WATER SERVICE IN LIEU OF THE BASE BID SIZING. COORDINATE ALL ASSOCIATED UTILITY WORK WITH THE CIVIL DRAWINGS.

NORTH

1 FLOOR PLAN - PLUMBING

1/4" = 1'-0"

PLUMBING FIXTURE SCHEDULE

TAG	FIXTURE	CW	HW	WASTE	VENT	SPECIFICATION
YH-1	YARD HYDRANT	3/4"	N/A	N/A	N/A	PROVIDE FREEZELESS YARD HYDRANT, WOODFORD MODEL Y34. COORDINATE LOCATION OF YARD HYDRANT WITH OWNER.

NOTES: PROVIDE MODEL SHOWN OR APPROVED EQUAL.
COORDINATE SPECIFICATIONS AND MODELS WITH ARCHITECT/OWNER PRIOR TO PURCHASING. PROVIDE ALL ACCESSORIES AND LABOR REQUIRED FOR COMPLETE INSTALLATION.

PURSUIT ENGINEERING
334.246.1369
info@PursuitEngineering.com
323 E. Glenn Avenue
Suite A
Auburn, AL 36830

356 ARCHITECTURE + INTERIORS
356 ARCHITECTURE + INTERIORS LLC
KIMAYTON@356AL.COM | 865.603.4071

ALABAMA LICENSED PROFESSIONAL ENGINEER No. 28317 JONATHAN CHASE PAYNE

LAKE WILMORE EQUIPMENT BARN

PROJECT ADDRESS: 709 OGLETREE RD
AUBURN, AL 36830

ISSUE DATE: 08/24/2026 100% BID SET

REVISIONS:

No.	Description	Date

DRAWING NAME:
SCHEDULES, FLOOR PLAN, SPECS, DETAILS, & LEGEND - PLUMBING

P-0.1

356AR Project #: 2025.38

ELECTRICAL GENERAL NOTES AND SPECIFICATIONS:

I. GENERAL

A. ALL WORK SHALL COMPLY WITH ALL LOCAL BUILDING CODES, LAWS, REGULATIONS, ORDINANCES AND NEC 2020 WITH ALABAMA/LOCAL AMENDMENTS (AS APPLICABLE).

B. THE ELECTRICAL WORK SHALL CONSIST OF ALL LABOR AND MATERIAL TO COMPLETELY INSTALL ALL ELECTRICAL WORKS AS SHOWN ON THESE DRAWINGS.

C. ALL WORK ASSOCIATED WITH THE SCOPE OF THIS PROJECT INCLUDING EQUIPMENT, ACCESSORIES, DEVICES, SYSTEMS, ETC. SHALL BE COVERED BY A ONE YEAR GUARANTEE WHICH SHALL START AT THE TIME OF FINAL ACCEPTANCE BY THE TENANT. ANY DEFECTS IN PRODUCTS, INSTALLATION, OR WORKMANSHIP SHALL BE CORRECTED AT NO ADDITIONAL CHARGE AND SHALL INCLUDE ANY NECESSARY REPAIRS TO WALLS, FLOORS, MILLWORK, ETC. WHICH SHALL BE REPAIRED BACK TO NEW AND FINISHED CONDITION.

D. THE CONTRACTOR SHALL KEEP A RECORD OF THE CHANGES WHICH ARE IN CONFLICT WITH THESE DRAWINGS AND SPECIFICATIONS. AT THE COMPLETION OF THIS WORK THE CONTRACTOR SHALL SUBMIT "AS BUILT" PRINTS TO THE TENANT.

E. THE DRAWINGS ARE DIAGRAMMATIC AND DO NOT NECESSARILY SHOW THE EXACT ROUTING OR DETAILED FITTINGS. ALL WORK SHALL BE INSTALLED AS A COMPLETE SYSTEM WITH NECESSARY COMPONENTS, FITTINGS, STRAPS, ETC. ALL JUNCTION BOXES AND COMPONENTS SHALL BE INSTALLED SO THAT THEY ARE ACCESSIBLE.

F. REFER TO THE ENTIRE CONTRACTED DRAWING SET AND SPECIFICATIONS FOR GUIDANCE ON DIMENSIONS, CEILING HEIGHTS, DOOR SWINGS, ROOM FINISHES, STRUCTURAL DETAILS, LOCATIONS OF DUCTWORK, PIPING AND STRUCTURAL MEMBERS. INSTALL THE ELECTRICAL SYSTEMS SO AS NOT TO INTERFERE WITH THE INSTALLATION OR FUNCTION OF ANOTHER DISCIPLINES WORK.

G. THE CONTRACTOR SHALL INSTALL ALL WORK IN A NEAT AND WORKMANLIKE MANNER AND ACCORDING TO GENERALLY ACCEPTED PRACTICES OF FIRST CLASS WORKMANSHIP.

H. THE CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS OF OUTLETS, LIGHT FIXTURES, AND PARTITIONS. FINISHES FOR DEVICES AND COVER PLATES SHALL BE AS SELECTED BY ARCHITECT.

I. PROVIDE A NEW DIRECTORY FOR ALL PANELS. CORRECTLY LABEL ALL CIRCUITS, SPACES AND SPARES PER NEC 408.4.

J. FOR EQUIPMENT THAT IS TO BE WIRED BY ELECTRICAL CONTRACTOR AND FURNISHED BY OTHERS, ELECTRICAL CONTRACTOR SHALL REVIEW ALL SPECIFICATION SECTIONS, EQUIPMENT SCHEDULES, AND/OR DETAILS THROUGHOUT DOCUMENTS THAT PERTAIN TO THIS EQUIPMENT AND INCLUDE ALL WIRING AND DEVICES REFERENCED IN THEIR BIDS. ELECTRICAL CONTRACTOR SHALL COORDINATE EXACT LOCATION OF THIS EQUIPMENT WITH RESPECTIVE CONTRACTOR PRIOR TO ROUGH-IN.

K. PROVIDE PULLSTRINGS IN ALL EMPTY CONDUIT.

II. RELATED WORK

A. ALL MATERIALS WITHIN PLENUMS ARE REQUIRED TO BE NONCOMBUSTIBLE OR SHALL HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE DEVELOPED INDEX SPEED OF NOT MORE THAN 50 AS DETERMINED IN ACCORDANCE WITH ASTM E84.

B. ALL PENETRATIONS THROUGH FIRE WALL AND FLOORS SHALL BE FIRE STOPPED WITH 3M FIRE BARRIER OR EQUAL PRODUCT MEETING UL 1479 OR ASTM E814 FIRE RATING IN ACCORDANCE WITH NEC ARTICLE 300.21.

III. MATERIALS

1. ELECTRICAL EQUIPMENT

A. LOAD CENTERS, PANELBOARDS, MOTOR STARTERS, SAFETY SWITCHES (HEAVY-DUTY), ETC. SHALL BE AS MANUFACTURED BY ABB-GENERAL ELECTRIC, SQUARE D, SIEMENS, OR EATON. ALL BREAKERS SHALL BE "BOLT-ON" TYPE. TRANFORMERS SHALL HAVE COPPER WINDINGS, 115 DEGREE C RATED TEMPERATURE RISE, AND STANDARD TAPS.

B. FUSED DISCONNECT SWITCHES SHALL HAVE REJECTION TYPE FUSE CLIPS WITH DUAL ELEMENT CURRENT LIMITING FUSES AT RATINGS SHOWN ON PLANS. THE UL SHORT CIRCUIT RATING SHALL BE 200,000 AMPS RMS SYS. USE CLASS J FUSES FOR 1 TO 600 AMPS AND CLASS L FUSES ABOVE 600 AMPS.

2. WIRE AND CABLE

A. ALL BRANCH CIRCUITS SHALL BE WIRED 2#12, 1#12G, 1/2"C. MINIMUM, UNLESS OTHERWISE NOTED ON THE PLANS. ALL HOMERUNS SHALL BE A MINIMUM 3/4" CONDUIT.

B. ARMORED CABLE MAY BE USED WHERE CONCEALED IN WALLS AND MILLWORK ONLY (WHERE ACCEPTABLE BY AHJ AND TENANT) AND MUST BE MC TYPE (WITH GROUND). ALL CONDUIT TO AND ABOVE THE PLENUM SHALL BE EMT. ALL HOMERUNS SHALL BE IN CONDUIT RAN FROM THE FIRST DEVICE OR LIGHT FIXTURE TO THE PANEL.

C. UNLESS NOTED OTHERWISE, MULTIWIRE BRANCH CIRCUITS MAY BE USED WHERE APPLICABLE FOR THE SAME LOAD TYPE UTILIZING A COMMON NEUTRAL FOR UP TO THREE (3) CIRCUITS OF A DIFFERENT PHASE EXCEPT FOR CIRCUITS RATED MORE THAN 20 AMPS, MULTI-PHASE CIRCUITS, CIRCUITS DEDICATED TO COMPUTER EQUIPMENT AND CIRCUITS SERVING ONLY ONE OUTLET OR DEVICE. OVERCURRENT PROTECTION SHALL COMPLY WITH NEC 210.4.

D. PROVIDE A SEPARATE GREEN, INSULATED, #12AWG EQUIPMENT GROUNDING CONDUCTOR ROUTED WITH THE BRANCH CIRCUIT HOMERUN CONDUCTORS. PROVIDE GROUND THROUGH ENTIRE CONDUIT RUN TO THE LAST DEVICE. ALL EQUIPMENT SHALL BE GROUNDED AT THE PANEL WHICH FEEDS THE EQUIPMENT. PROVIDE GROUNDING PER NEC 250.

E. ALL CONDUCTORS SHALL BE COPPER UNLESS NOTED OTHERWISE ON PLANS. CONDUCTORS FOR SIZES NO. 10 AND SMALLER SHALL BE TYPE "THWN" OR "THHN/THWN". CONDUCTORS FOR SIZES NO. 8 AND LARGER SHALL BE TYPE "XHHW". SOLID CONDUCTORS TERMINATING IN A BREAKER OR DEVICE SHALL BE UTILIZED FOR WIRE SIZE NO. 12. MINIMUM WIRE SIZE SHALL BE NO. 12.

F. CONTRACTOR SHALL INSTALL CONDUCTORS SIZED FOR VOLTAGE DROP BASED ON TOTAL DEVELOPED LENGTH OF CIRCUIT. VOLTAGE DROP SHALL NOT EXCEED 3%.

G. COMPRESSION CRIMPS SHALL BE USED ON ALL ALUMINUM CONDUCTORS

H. ALL AC WIRES AND CABLES SHALL HAVE WRAP-AROUND LAMINATING VINYL MACHINE PRINTED ID LABELS OR OTHER APPROVED LABELING METHOD INDICATING DESIGNATION AND PHASE. ALL CONDUCTORS SHALL HAVE COLORED INSULATION TO REFLECT THE PHASE/POLARITY. CONDUCTORS SHALL HAVE INTEGRAL COLORING OR COLORED ELECTRICAL TAPE AT ALL TERMINATIONS TO INDICATE GROUNDED CONDUCTORS, EQUIPMENT GROUNDING CONDUCTORS AND AC PHASE CONDUCTORS. APPLICABLE COLOR CODING FOR CONDUCTORS SHALL BE AS FOLLOWS.

120/240V SINGLE PHASE:
- PHASE A: BLACK
- PHASE B: RED
- NEUTRAL: WHITE
- GROUND: GREEN

3. RACEWAYS AND BOXES

A. ALL TYPE CONDUIT MUST BE CONCEALED ABOVE THE CEILING OR IN THE WALLS UNLESS NOTED OTHERWISE.

B. RACEWAYS: RIGID GALVANIZED STEEL FOR ALL EXPOSED LOCATIONS WHERE SUBJECT TO DAMAGE OR THE ELEMENTS; EMT FOR CONCEALED, DRY LOCATIONS, UNO; SCHEDULE 40 PVC BELOW GRADE.

C. ALL JUNCTION BOXES SHALL BE PRESSED STEEL, SINGLE PIECE (NON-GANGABLE) TYPE.

D. WHEN TRANSITIONING UNDERGROUND PVC CONDUIT TO ABOVE GROUND RMC, USE 20 MIL PIPE WRAP HALF-LAPPED FROM 6" PAST TRANSITION POINT ON PVC TO 6" ABOVE GROUND ON METALLIC CONDUIT.

E. PROVIDE MINIMUM COVER REQUIREMENTS FOR BURIED CONDUIT AS INDICATED IN NEC TABLE 300.5. PROVIDE PVC WARNING TAPE 12" BELOW FINISHED GRADE FOR ALL UNDERGROUND PVC CONDUIT RUNS.

4. WIRING DEVICES AND RECEPTACLES

A. MOUNTING HEIGHTS FOR DEVICES ARE TO BE MEASURED TO THE DEVICE CENTERLINE.

B. DO NOT MOUNT DEVICES BACK TO BACK. OFFSET ONE SIDE TO THE NEXT STUD SPACE.

C. COORDINATE RECEPTACLE NEMA TYPE AND VOLTAGE WITH ALL EQUIPMENT.

D. RECEPTACLES SHALL BE 120 VOLT, 20A, WITH PARTS NUMBERS AS LISTED BY HUBBELL OR EQUAL BY ARROWHART, P&S, LEVITON, OR LEGRAND. COLOR FOR DEVICE AND COVER PLATE SHALL BE AS SELECTED BY THE ARCHITECT. PROVIDE TAMPER-RESISTANT RECEPTACLES IN ALL AREAS REQUIRED BY NEC 406.12.

SINGLE RECEPTACLE	#HBL5361X
DUPLEX RECEPTACLE	#HBL5352X
GFCI RECEPTACLE	#GF5352X
DUPLEX WITH INTEGRAL USB	#TR5362USB

E. SWITCHES SHALL BE 120/277V, 20A, WITH PARTS NUMBERS AS LISTED BY HUBBELL OR EQUAL BY ARROWHART, P&S, OR COLOR FOR DEVICE AND COVER PLATE SHALL BE AS SELECTED BY THE ARCHITECT.

SINGLE POLE	#HBL1221X
THREE WAY	#HBL1223X
FOUR WAY	#HBL1224X
(ADD "L" SUFFIX FOR KEYED LOCKING TYPE)	

F. ALL CEILING MOUNTED RECEPTACLES AND VOICE/DATA OUTLETS ARE NOT TO BE SUPPORTED BY THE CEILING THE OUTLET BOXES SHOULD HAVE VERTICAL AND HORIZONTAL SUPPORT FROM THE STRUCTURE ABOVE.

G. COORDINATE SETTINGS OF ALL OCCUPANCY SENSORS WITH OWNER PRIOR TO PROJECT COMPLETION.

5. DEVICE COVER PLATES

A. ALL SWITCHES FOR LIGHTS, FANS, ETC., WHICH ARE SHOWN TO BE MOUNTED IN THE SAME GENERAL AREA, SHALL SHARE A MULTI-GANG COVER PLATE AS REQUIRED.

B. ALL COVER PLATES FOR DEVICES AND JUNCTION BOXES SHALL HAVE CIRCUIT NUMBERS LABELED WITH INDELIBLE INK MARKER OR CLEAR PRINTED LABEL. DEVICE COVERS SHALL BE LABELED ON THE BACK, JUNCTION BOX COVERS SHALL BE LABELED ON THE FRONT.

6. LIGHTING FIXTURES

A. LIGHT FIXTURES SHALL BE AS SCHEDULED.

B. COORDINATE LOCATION OF LIGHT FIXTURES IN AREAS OF MECHANICAL DUCTWORK AND PIPING WITH MECHANICAL CONTRACTOR. RELOCATE LIGHT FIXTURES, WIRING AND CONDUIT IF NECESSARY AS DIRECTED BY THE ARCHITECT/ENGINEER.

C. ALL RECESSED LIGHTING FIXTURES SHALL BE FASTENED TO STRUCTURE OR GRID PER NEC 410.

LOW VOLTAGE SYSTEMS NOTE:

LOW VOLTAGE SYSTEMS FOR THIS PROJECT SHALL BE PROVIDED AS "DESIGN BUILD" UNDER SEPARATE CONTRACTS. THESE SYSTEMS INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING SYSTEMS.

- ACCESS CONTROL
- VIDEO SURVEILLANCE
- SECURITY/ALARM

VOICE/DATA AND SECURITY SYSTEMS NOTES:

1. PROVIDE AN OUTLET BOX WITH 1" CONDUIT WITH PLASTIC BUSHING ON END ROUTED TO TBB FOR ALL WALL MOUNTED VOICE/DATA DEVICES UNLESS NOTED, OTHERWISE. PROVIDE A PULLSTRING IN ALL EMPTY CONDUIT. PROVIDE POWER AS REQUIRED FOR ALL SECURITY DEVICES FROM SPARE CIRCUIT(S) IN NEAREST 120/240V PANEL.

2. PROVIDE (2) CAT6 CABLES ROUTED FROM EACH VOICE/DATA OUTLET SHOWN ON PLANS TO NEAREST TBB. EACH CABLE SHALL BE TERMINATED (PER EIA/TIA 568-B), TESTED, AND CERTIFIED. COORDINATE PREFERRED JACKS, COVER PLATES AND LABELING SCHEME WITH OWNER.

3. COORDINATE/CONFIRM ANY ADDITIONAL REQUIREMENTS FOR THE ABOVE REFERENCED SYSTEMS WITH OWNER PRIOR TO BID.

ELECTRICAL LEGEND

SYMBOL	DESCRIPTION	MOUNTING HEIGHT ON CENTER (COORD. WITH ARCH.)
	LED LIGHT FIXTURE	
	EMERGENCY LIGHT FIXTURE	
	EXIT SIGN (PROVIDE FACES AND ARROWS AS SHOWN)	
	CONDUIT RUN CONCEALED IN WALL OR CEILING (IF POSSIBLE). IF CONDUIT IS REQUIRED TO BE EXPOSED, ROUTE PARALLEL/PERPENDICULAR TO WALLS AND STRUCTURE.	
	CONDUIT RUN CONCEALED IN THE FLOOR, UNDERGROUND, OR UNDER THE ELEVATED SLAB	
	CIRCUIT(S) HOMERUN TO THE PANEL	
	NUMBER OF CONDUCTORS (GROUND NOT SHOWN)	
	FLEXIBLE CONDUIT OR CORD	
	PLYWOOD BACKBOARD	
	DUPLEX RECEPTACLE - WALL MOUNTED	18" UNO
GFI	GFCI DUPLEX RECEPTACLE OR RECEPTACLE CONNECTED TO GFCI BREAKER (IF SHOWN IN PB SCHEDS) - WALL MTD	18" UNO
	OUTLET ABOVE THE COUNTER OR OUTLET MOUNTED ABOVE NORMAL MOUNTING HEIGHT	6" AC UNO/AS NOTED
	QUADRUPLEX RECEPTACLE - WALL MOUNTED	
	SPECIAL AMP/VOLT RECEPTACLE - WALL MOUNTED	18" UNO
	FLOOR MOUNTED RECEPTACLE - WIREMOLD 887B SERIES OR EQUAL. COVER PLATE TBS BY ARCHITECT.	
	VOICE AND DATA OUTLET - WALL MOUNTED	18" UNO
	FLOOR MOUNTED VOICE AND DATA OUTLET	
	TELEVISION CABLE OUTLET	18" UNO
J	JUNCTION BOX	18" UNO
J	JUNCTION BOX - WALL MOUNTED	
$	SPST SWITCH - WALL MOUNTED	48"
$3 $4	3 - WAY SWITCH - WALL MOUNTED / 4 - WAY SWITCH - WALL MOUNTED	48"
$D	DIMMER SWITCH - WALL MOUNTED (PROVIDE WATTAGE/TYPE TO MATCH FIXTURE DIMMING DRIVER TYPE)	48"
$3D	3 - WAY DIMMER SWITH - WALL MOUNTED (PROVIDE WATTAGE/TYPE TO MATCH FIXTURE DIMMING DRIVER TYPE)	48"
$K	KEYED SWITCH - WALL MOUNTED	48"
$T	TIMER SWITCH - WALL MOUNTED	48"
$F	FAN SWITCH - WALL MOUNTED	48"
OS	CEILING MOUNTED OCCUPANCY SENSOR - WATTSTOPPER DT-300 OR EQUAL	
PP	OCCUPANCY SENSOR POWER PACK	
OS	WALL MOUNTED OCCUPANCY SENSOR (SINGLE RELAY) WATTSTOPPER PW-301 OR EQUAL	48"
OS 2	WALL MOUNTED OCCUPANCY SENSOR (DUAL RELAY) - WATTSTOPPER PW-302 OR EQUAL	48"
OSD	WALL MOUNTED DUAL TECH OCCUPANCY SENSOR AND DIMMER - WATTSTOPPER PW-311 OR EQUAL	48"
	120/240 VOLT PANELBOARD - FLUSH OR SURFACE MOUNTED AS INDICATED IN SCHEDULE	
	DISCONNECT (FRAME AND POLES TO MATCH OCP OR AS NOTED)	
AC	ABOVE COUNTER	
AFF	ABOVE FINISHED FLOOR	
BKR	BREAKER	
E / R	EXISTING / RELOCATED	
EC / MC / PC	ELECTRICAL CONTRACTOR / MECHANICAL CONTRACTOR / PLUMBING CONTRACTOR	
NL	NIGHT LIGHT (ON 24 HRS A DAY)	
NTS	NOT TO SCALE	
TBB	TELEPHONE/DATA BACKBOARD	
UNO	UNLESS NOTED OTHERWISE	
XFMR	TRANSFORMER	
WP	WEATHER PROOF. FOR GFCI RECEPTACLES IN DAMP OR WET LOCATIONS, PROVIDE ENCLOSURE TYPES AND DEVICES PER NEC 406.9(A) AND 406.9(B). FOR DISCONNECT SWITCHES, PROVIDE NEMA 3R.	

PURSUIT ENGINEERING
334.246.1369
info@PursuitEngineering.com
323 E Gleen Ave., Suite A
Auburn, Alabama 36830

356 ARCHITECTURE + INTERIORS
356 ARCHITECTURE + INTERIORS LLC
KMAYTON@356ALCOM | 865.603.4071

ALABAMA LICENSED No. 31867 PROFESSIONAL ENGINEER JEFFREY B. HINES
08/24/2026

LAKE WILMORE EQUIPMENT BARN

PROJECT ADDRESS: 709 OGLETREE RD, AUBURN, AL 36830

ISSUE DATE: 100% BID SET 07/20/2026

REVISIONS:

No.	Description	Date

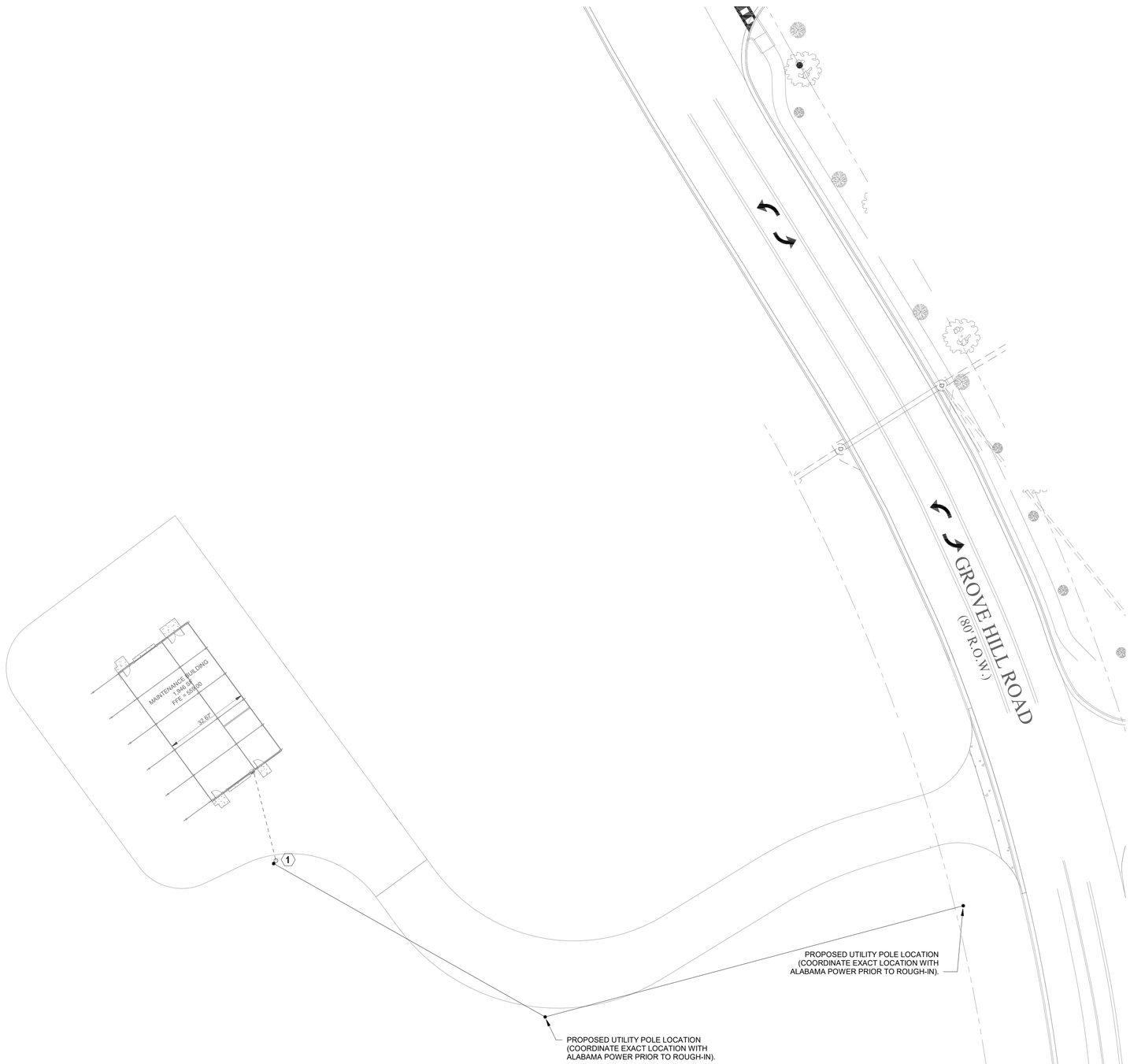
DRAWING NAME:
ELECTRICAL NOTES, SPECS, AND LEGEND

E000

25-007

KEYNOTE (APPLIES TO THIS SHEET ONLY):

1 PROPOSED LOCATION FOR POWER COMPANY POLE MOUNTED UTILITY TRANSFORMER FOR THE BUILDING. CONFIRM EXACT LOCATION WITH ALABAMA POWER. SEE E500 FOR MORE INFORMATION.



1 ELECTRICAL SITE PLAN - POWER

3/64" = 1'-0"

356 ARCHITECTURE + INTERIORS
356 ARCHITECTURE + INTERIORS LLC
KMAYTON@356ALCOM | 865.603.4071

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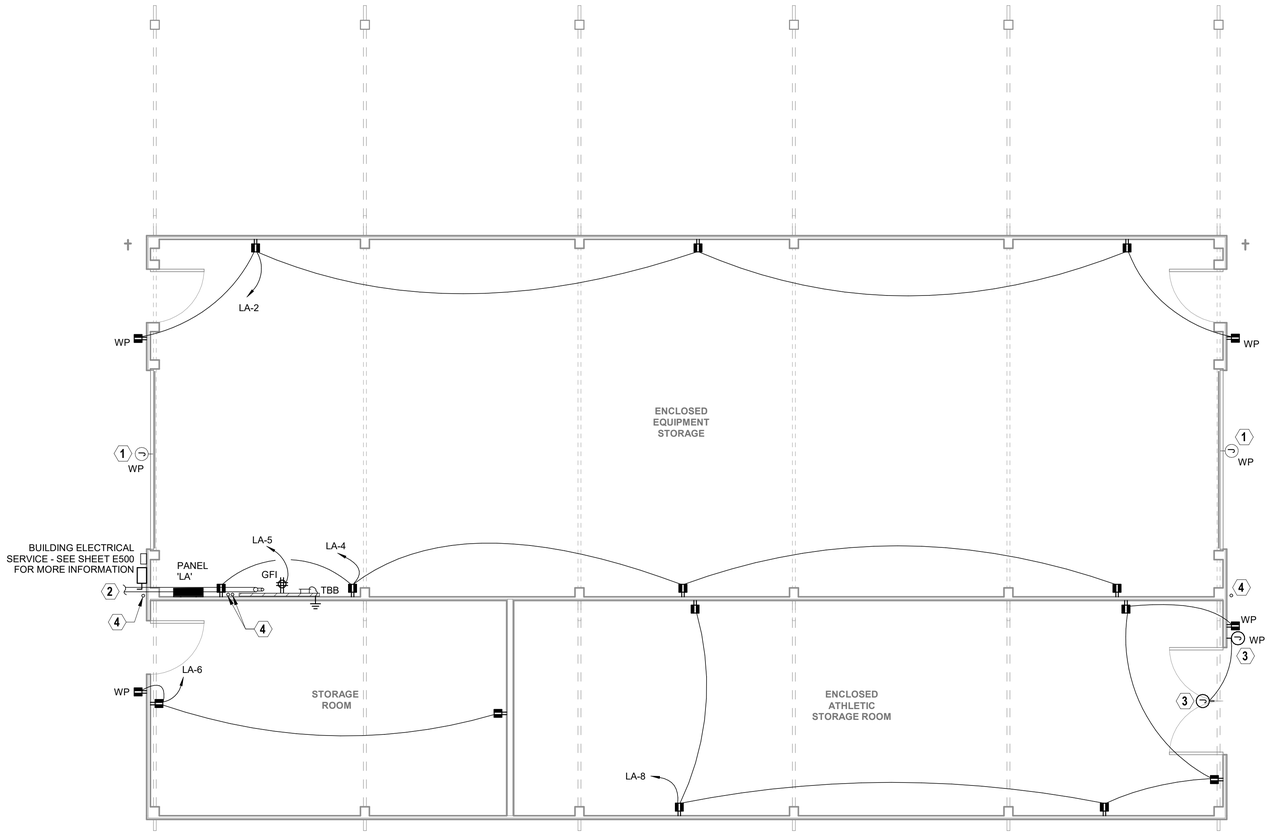
PURSUIT ENGINEERING
334.246.1369
info@PursuitEngineering.com
323 E Gleen Ave., Suite A
Auburn, Alabama 36830

DRAWING NAME:
ELECTRICAL SITE PLAN - POWER

E001

25-007



1 ELECTRICAL FLOOR PLAN - POWER

1/4" = 1'-0"

GENERAL NOTES (APPLY TO THIS SHEET ONLY):

1. DO NOT MOUNT DEVICES BACK TO BACK. OFFSET ONE SIDE TO THE NEXT STUD SPACE.
2. LABEL PANELBOARD SCHEDULES PER NEC 408.4.

KEYNOTES (APPLY TO THIS SHEET ONLY):

1. ADD ALTERNATE 01: FOR 180 DEGREE AVIGILON SECURITY CAMERA. PROVIDE 3/4"C. (WITH PULLSTRING) BACK TO TELEPHONE BACK BOARD. MOUNT CAMERA AT HIGHEST POINT OF GABLE.COORDINATE EXACT REQUIREMENTS/LOCATIONS WITH OWNER'S SECURITY AND ACCESS CONTROL VENDOR/INSTALLER PRIOR TO ROUGH-IN.
2. ADD ALTERNATE 01: APPROXIMATE LOCATION OF TELEPHONE AND CATV SERVICE ENTERING BUILDING. COORDINATE EXACT LOCATION WITH OWNER AND CIVIL PRIOR TO ROUGH-IN. REFER TO E500 FOR MORE INFORMATION.
3. ADD ALTERNATE 03: PROVIDE JUNCTION BOX TO BE USED FOR KEYPAD. ROUTE 3/4"C. WITH PULLSTRING TO NEW JUNCTION BOX LOCATED ABOVE DOOR FOR FUTURE ELECTRIC DOOR STRIKE. COORDINATE EXACT LOCATION WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN.
4. CONTRACTOR TO PROVIDE 2"C WITH PULLSTRING ROUTED BELOW GRADE AND STUBBED UP BETWEEN PANEL 'LA' AND TBB. COORDINATE EXACT LOCATION OF CONDUIT STUB UPS WITH OWNER PRIOR TO ROUGH IN.

356 ARCHITECTURE + INTERIORS
356 ARCHITECTURE + INTERIORS LLC
KMAYTON@356ALCOM | 865.603.4071

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LAKE WILMORE EQUIPMENT BARN

PROJECT ADDRESS: 709 OGLETREE RD, AUBURN, AL 36830

ISSUE DATE: 100% BID SET 07/20/2026

REVISIONS:

No.	Description	Date

PURSUIT ENGINEERING
334.246.1369
info@PursuitEngineering.com
323 E Gleen Ave., Suite A
Auburn, Alabama 36830

DRAWING NAME:
ELECTRICAL FLOOR PLAN - POWER

E100

25-007

COMcheck Software Version COMcheckWeb
Interior Lighting Compliance Certificate

Project Information

Energy Code: 2015 IECC
Project Title: Lake Wilmore
Project Type: New Construction

Construction Site:
709 Ogletree RD
Auburn, Alabama 36830

Owner/Agent:

Designer/Contractor:
Christopher Holmes
Pursuit Engineering
323 E Glenn Ave. STE A
Auburn, Alabama 36830
3342461369
info@pursuitengineering.com

Additional Efficiency Package(s)

Credits: 1.0 Required 1.0 Proposed
Reduced Lighting Power, 1.0 credit

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft2)	C Allowed Watts / ft2	D Allowed Watts
1-Warehouse	1981	0.59	1177
		Total Allowed Watts =	1177

Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixture	D Fixture Watt.	E (C X D)
1-Warehouse				
LED: A1: 2X4: LED Panel 36W:	1	5	36	178
LED: B1: High Bay: LED Other Fixture Unit 60W:	1	10	56	560
			Total Proposed Watts =	738

Interior Lighting PASSES: Design 37% better than code

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2015 IECC requirements in COMcheck Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Christopher Holmes — Name - Title
Christopher Holmes — Signature
07/13/2026 — Date

Project Title: Lake Wilmore
Data filename:
Report date: 07/13/26
Page 1 of 5

COMcheck Software Version COMcheckWeb
Exterior Lighting Compliance Certificate

Project Information

Energy Code: 2015 IECC
Project Title: Lake Wilmore
Project Type: New Construction
Exterior Lighting Zone 2 (Residential mixed use area (LZ2))

Construction Site:
709 Ogletree RD
Auburn, Alabama 36830

Owner/Agent:

Designer/Contractor:
Christopher Holmes
Pursuit Engineering
323 E Glenn Ave. STE A
Auburn, Alabama 36830
3342461369
info@pursuitengineering.com

Allowed Exterior Lighting Power

A Area/Surface Category	B Quantity	C Allowed Watts /	D Tradable Wattage	E Allowed Watts (B X C)
Canopy (Free standing/attached sales canopy)	786 ft2	0.6	Yes	472
Parking (Parking area)	8600 ft2	0.06	Yes	516
		Total Tradable Watts (a) =		988
		Total Allowed Watts =		988
		Total Allowed Supplemental Watts (b) =		600

(a) Wattage tradeoffs are only allowed between tradable areas/surfaces.
(b) A supplemental allowance equal to 600 watts may be applied toward compliance of both non-tradable and tradable areas/surfaces.

Proposed Exterior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixture	D Fixture Watt.	E (C X D)
Canopy (Free standing/attached sales canopy, 786 ft2): Tradable Wattage				
LED: L1: L1: LED Linear 33W:	1	5	32	159
Parking (Parking area, 8600 ft2): Tradable Wattage				
LED: W: Wall Pack: LED Roadway-Parking Unit 54W:	1	4	52	208
			Total Tradable Proposed Watts =	367

Exterior Lighting PASSES: Design 77% better than code

Exterior Lighting Compliance Statement

Compliance Statement: The proposed exterior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed exterior lighting systems have been designed to meet the 2015 IECC requirements in COMcheck Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Christopher Holmes — Name - Title
Christopher Holmes — Signature
07/13/2026 — Date

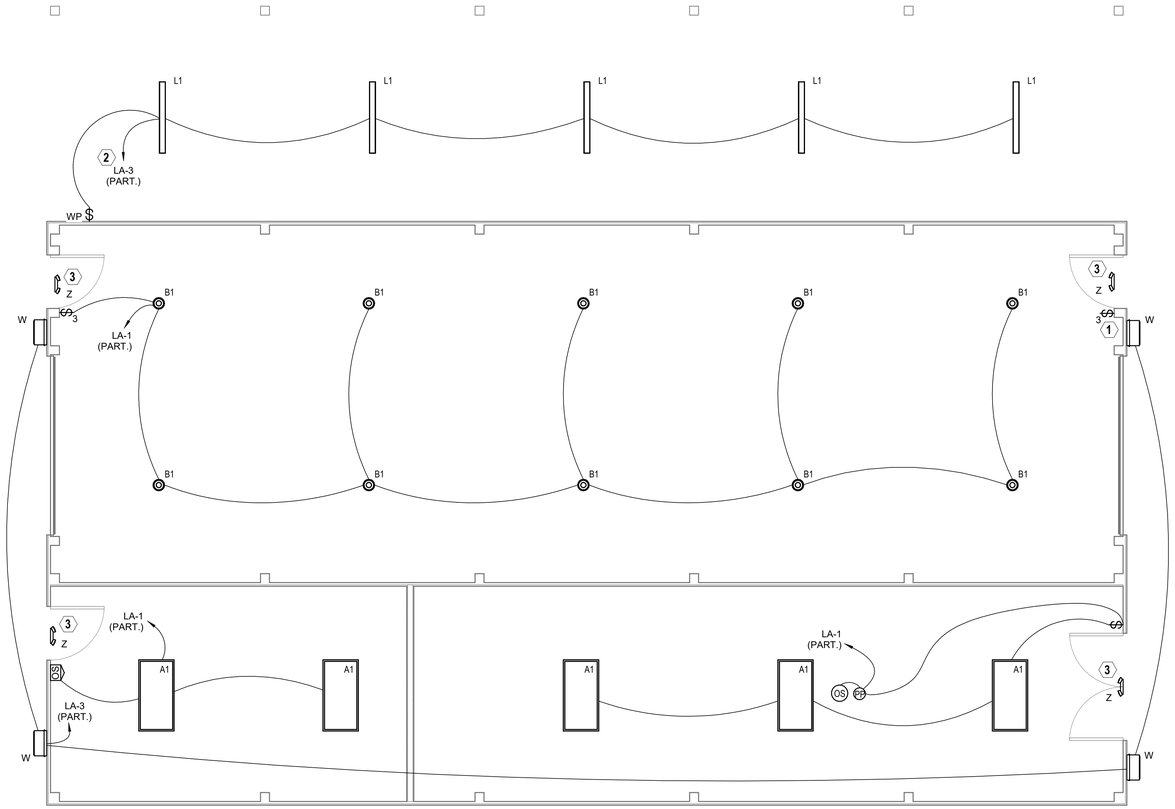
Project Title: Lake Wilmore
Data filename:
Report date: 07/13/26
Page 2 of 5

GENERAL NOTES (APPLY TO THIS SHEET ONLY):

1. COORDINATE/CONFIRM EXACT LOCATION AND MOUNTING HEIGHTS OF ALL LIGHT FIXTURES SHOWN ON THIS SHEET WITH ARCHITECT PRIOR TO INSTALLATION.
2. COORDINATE/CONFIRM WITH OWNER WHICH LIGHTS FIXTURES THEY DESIRE TO BE NIGHT LIGHTS (ON 24/7), IF ANY. WIRE THESE LIGHTS TO UNSWITCHED "HOT".
3. COORDINATE EXACT DESIRED SWITCHING ARRANGEMENT AND SWITCH LOCATIONS WITH OWNER PRIOR TO ROUGH-IN.

KEYNOTES (APPLY TO THIS SHEET ONLY):

1. PROVIDE 3#12, 1/2"C. BETWEEN CORRESPONDING 3-WAY SWITCHES SHOWN IN THIS ROOM OR AREA.
2. ROUTE CIRCUIT THROUGH PHOTOCELL. PROVIDE PHOTOCELL MOUNTED UP HIGH FACING NORTH.
3. CONNECT TO UNSWITCHED "HOT" FROM LIGHTING CIRCUIT FEEDING THIS AREA.



1 ELECTRICAL FLOOR PLAN - LIGHTING
1/4" = 1'-0"

LIGHTING FIXTURE SCHEDULE

FIXTURE ID	DESCRIPTION	LAMP TYPE	MANUFACTURER/ MODEL	NOTES
A1	2'X4' SUFACE MOUNTED LED FIXTURE, 5000 LUMENS, +80CRI, AND 0-10V DIMMING DRIVER. PROVIDE SURFACE MOUNT KIT.	LED - 35.5W [4000K]	LITHONIA FIXTURE: CPX SERIES OR EQUAL	
B1	19" ROUND LED LOW BAY SURFACE MOUNTED FIXTURE, V4 LIGHT ENGINES, P4 PACKAGE, WIDE DISTRIBUTION, +80CRI, AND 0-10V DIMMING DRIVER. PROVIDE WITH **INTEGRAL MOTION/AMBIENT PIR SENSOR**.	LED - 56W [4000K]	LITHONIA FIXTURE: VCVL SERIES OR EQUAL	
L1	48" SURFCE MOUNTED LINEAR LED FIXTURE, DAMP RATED, 5000 LUMENS, STANDARD EFFICIENCY, ROUND DIFFUSE, WIDE DISTRIBUTION, +80CRI, AND 0-10V DIMMING DRIVER. **ROUTE CIRCUIT THROUGH PHOTOCELL**	LED - 31.8W [4000K]	LITHONIA FIXTURE: CSVT SERIES SERIES OR EQUAL	
W	EXTERIOR WALL PACK, P1 PACKAGE, 7000 LUMENS, +80CRI, TYPE III MEDIUM DISTRIBUTION, SUFACE MOUNTED. **PROVIDE BI-LEVEL MOTION SENSOR WITH PHOTOCELL PRE-PROGRAMMED FOR DUSK TO DAWN OPERATION.**	LED - 52.0 W [4000K]	LITHONIA FIXTURE: WDGE3 SERIES OR EQUAL	
Z	2-HEAD EMERGENCY FIXTURE WITH BATTERY BACKUP AND WHITE FINISH.	LED	LITHONIA FIXTURE: ELM4L SERIES OR EQUAL	

LIGHTING FIXTURE SCHEDULE NOTES:

1. CONFIRM VOLTAGE WITH DRAWINGS AND COORDINATE/CONFIRM ALL MOUNTING HEIGHTS AND FINISHES WITH ARCHITECT PRIOR TO ORDERING AND INSTALLATION. ARCHITECT TO PROVIDE ALL FINISHES AND MOUNTING HEIGHTS OF HANGING CEILING AND WALL MOUNTED FIXTURE TYPES.
2. PROVIDE MOUNTING OPTION(S) NECESSARY TO ACCOMMODATE CEILING TYPES SPECIFIED BY ARCHITECTURAL DOCUMENTS FOR ALL FIXTURES.
3. THE LAMP COLOR TEMPERATURE FOR ALL LAMP SOURCES SHALL BE AS NOTED IN LIGHTING FIXTURE SCHEDULE ABOVE. CONFIRM WITH OWNER/ARCHITECT PRIOR TO ORDERING.

PURSUIT ENGINEERING
334.246.1369
info@PursuitEngineering.com
323 E Gleen Ave., Suite A
Auburn, Alabama 36830

356 ARCHITECTURE + INTERIORS
356 ARCHITECTURE + INTERIORS LLC
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ALABAMA LICENSED No. 31867 PROFESSIONAL ENGINEER JEFFREY B. HINES
08/24/2026

LAKE WILMORE EQUIPMENT BARN
PROJECT ADDRESS: 709 OGLETREE RD, AUBURN, AL 36830

ISSUE DATE: 100% BID SET 07/20/2026

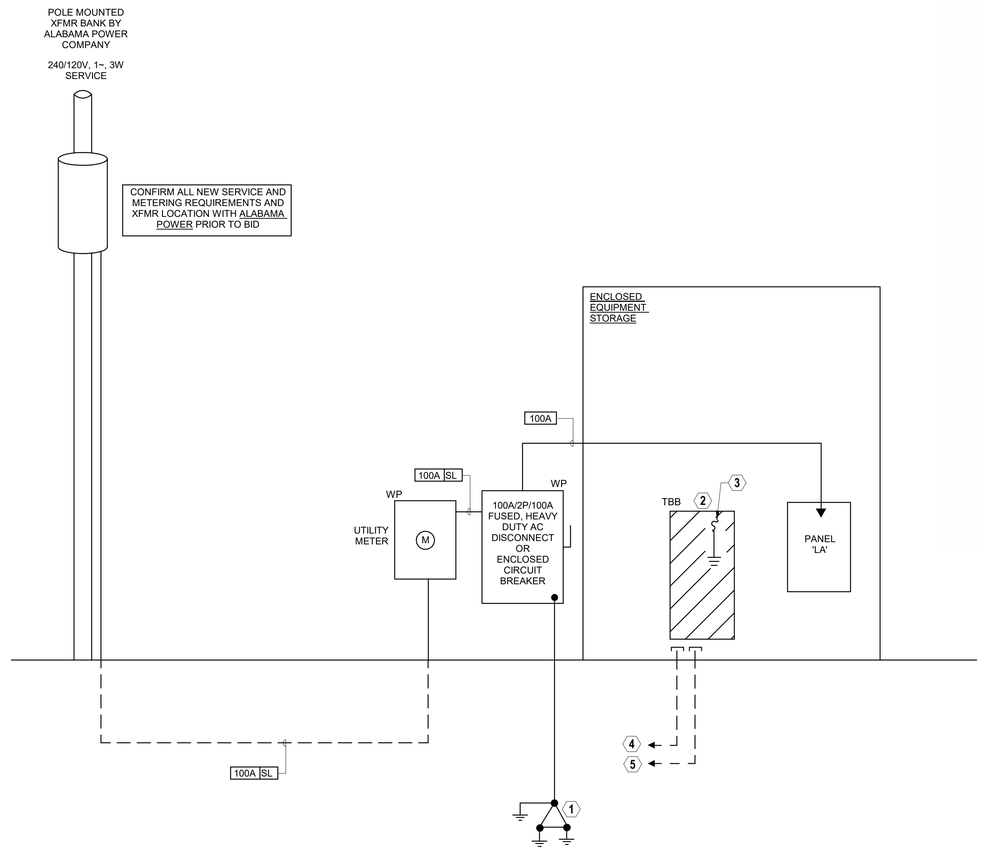
REVISIONS:

No.	Description	Date

DRAWING NAME:
ELECTRICAL FLOOR PLAN - LIGHTING

E200

25-007



1 ELECTRICAL RISER DIAGRAM

NTS

PROVIDE WITH INTEGRAL SPD

NEW
PANEL
LA

AIC RATING: 22,000A
MOUNTING: SURFACE

VOLTAGE: 120/240V
1 PHASE / 3 WIRE

AMP RATING: 100A
MAIN: MLO

CKT NO.	BKR	DESCRIPTION	KVA	PHASE	KVA	DESCRIPTION	BKR	CKT NO.
1	20/1	EXTERIOR LTG	0.37	A	0.90	EQUIPMENT STOR. - RECS	20/1	2
3	20/1	INTERIOR LTG	0.63	B	0.72	EQUIPMENT STOR. - RECS	20/1	4
5	20/1	TBB - REC	0.36	A	0.54	STORAGE RM. - RECS	20/1	6
7	20/1	SPARE		B	1.08	ATHLETIC STORAGE - RECS	20/1	8
9	20/1	SPARE		A		SPARE	20/1	10
11	20/1	SPARE		B		SPARE	20/1	12
13	20/1	SPARE		A		SPARE	20/1	14
15	20/1	SPARE		B		SPARE	20/1	16
17	20/1	SPARE		A		SPARE	20/1	18
19		SPACE		B		SPACE		20
21		SPACE		A		SPACE		22
23		SPACE		B		SPACE		24

LOAD SUMMARY

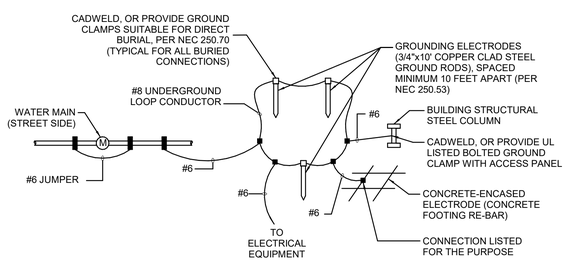
PHASE A 2.17 KVA — 240 VOLTS PHASE-TO-PHASE
PHASE B 2.43 KVA

TOTAL CONNECTED 4.60 KVA — 19.1 AMPS

NEC DEMAND LOAD CALCULATIONS

LIGHTING & CONTINUOUS LOADS	1.00	kVA	@ 125% =	1.24
RECEPTACLES	3.60	kVA	(FIRST 10kVA AT 100% WITH REMAINDER AT 50%)	3.60
ALL OTHER NON-CONTINUOUS LOADS @ 100%	0.00	kVA	=	0.00
DEMAND TOTAL		kVA	=	4.84
DEMAND TOTAL		AMPS	=	20.18

NOTES:
- MOTOR TOTALS INCLUDED IN ALL OTHER LOADS WITH LARGEST MOTOR CALCULATED @ 125% PER NEC
- RECEPTACLES CALCULATED PER NEC 220.44



2 MAIN GROUNDING DETAIL

NTS

KEYNOTES (APPLY TO THIS SHEET ONLY):

1. PROVIDE NEW GROUNDING SYSTEM PER NEC 250. SEE DETAIL 2 ON THIS SHEET. PROVIDE ALL APPLICABLE CONNECTIONS SHOWN ON DETAIL.
2. PROVIDE 3/4" x 4'x 8'H GRADE A PLYWOOD BACKBOARD - PAINT WITH FIRE RETARDANT PAINT.
3. PROVIDE GROUND BUS BAR AND 1#6 INSULATED GROUND TO BUILDING GROUND.
4. ADD ALTERNATE: TELEPHONE SERVICE - PROVIDE (1) 4" CONDUIT WITH PULLSTRING EXTENDED TO TELECOM DEMARC (APPROXIMATELY 150 FEET AWAY) - COORDINATE EXACT CONDUIT REQUIREMENTS AND TERMINATION LOCATION WITH TELEPHONE COMPANY PRIOR TO BID AND CONDUIT INSTALLATION. PROVIDE LONG SWEEP ELBOWS. CONDUIT TO BE BURIED MIN. 24" DEEP.
5. ADD ALTERNATE: CATV SERVICE - PROVIDE (1) 2" CONDUIT WITH PULLSTRING EXTENDED TO TELECOM DEMARC (APPROXIMATELY 150 FEET AWAY) - COORDINATE EXACT CONDUIT REQUIREMENTS AND TERMINATION LOCATION WITH CATV COMPANY PRIOR TO BID AND CONDUIT INSTALLATION. PROVIDE LONG SWEEP ELBOWS. CONDUIT TO BE BURIED MIN. 24" DEEP.

NOTE: ALL CONDUCTORS SIZES IN THIS SCHEDULE ARE SIZED FOR COPPER.

RISER DIAGRAM FEEDER SCHEDULE

TAG	NUMBER OF SETS	CONFIG.	PHASE/NEUTRAL SIZE PER SET	EQUIP. GROUND PER SET	CONDUIT SIZE PER SET	NOTES
100A SL	1	1 PH, 3W	3 #2	N/A	1-1/2"C.	SERVICE LATERAL
100A	1	1 PH, 3W+G	3 #2	1 # 8	1-1/2"C.	

HI-COMPRESSION ("COMPACT") TYPE ALUMINUM CONDUCTORS MAY BE USED F0R THE FOLLOWING IF THE SAME OR LARGER CAPACITY OF THOSE COPPER CONDUCTORS AND CONDUIT SIZES SHOWN ARE ADJUSTED ACCORDINGLY:

1. SERVICE LATERALS
2. FEEDERS 100A CAPACITY OR GREATER

NOTE: COPPER CONDUCTORS SHALL BE USED FOR ALL BRANCH CIRCUITS (INCLUDING HVAC).

PURSUIT ENGINEERING
334.246.1369
info@PursuitEngineering.com
323 E Gleen Ave., Suite A
Auburn, Alabama 36830

356 ARCHITECTURE + INTERIORS
356 ARCHITECTURE + INTERIORS LLC
KMAYTON@356ALCOM | 865.603.4071

ALABAMA LICENSED No. 31867 PROFESSIONAL ENGINEER JEFFREY B. HINES
08/24/2026

LAKE WILMORE EQUIPMENT BARN

PROJECT ADDRESS: 709 OGLETREE RD, AUBURN, AL 36830

ISSUE DATE: 100% BID SET 07/20/2026

REVISIONS:

No.	Description	Date

DRAWING NAME:
ELECTRICAL RISER DIAGRAM AND SCHEDULES

E500

25-007

LOW IMPACT DEVELOPMENT (LID)/
GREEN INFRASTRUCTURE (GI) REVIEW FORM

The City of Auburn (COA) is requiring each development, whether residential or commercial to **consider** the incorporation of Low Impact Development (LID)/ Green Infrastructure (GI) into their design plan. Review the COA's WRM Design Manual (https://www.auburnalabama.org/water-resource-management/design-and-construction-manual/), the COA's LID/GI guidance document (https://www.auburnalabama.org/water-resource-management/watershed/green-infrastructure-master-plan/) and the State of Alabama's Low Impact Development Handbook (adem.alabama.gov/programs/water/waterforms/LIDHandbook.pdf) to determine if any LID/GI can be implemented within the design plans.

Submit this form to the City of Auburn with your design plans.

PROJECT NAME: Lake Wilmore Maintenance Building

☐ Yes, LID/GI has been implemented within this design.

☑ No, LID/GI has not been implemented within this design.

Brett Basquin (Foresite Group)
Applicant Name (Print)

8/24/2026
Date

Brett C Basquin
Applicant Signature

SOIL SAMPLE AND PICKUP REPORT

Phone: 334.502.3809
www.teamues.com

Project Information			
Project Name:	Lake Wilmore Maintenance Shed	Work Order Date:	5/18/2026
Project Address:	Grove Hill Rd Auburn AL 36830	Project Number:	A26115.00169.000
Client Name:	City of Auburn	Work Order:	665365
		Company Rep:	LaDarrell Pettway

Site Contact Notification			
Site Notification:	No	Name of Person Notified:	Not Applicable

Pick Up Results

Sample ID	# of Specimens Picked Up	Specimens Type - Containers
9670	1	Soils - Bags

Observations and Recommendations	
Were any Deviations Noted on Todays Visit:	No
UES arrived on-site to retrieve a soil sample. One proctor sample was retrieved.	

Representative: LaDarrell Pettway **Reviewed by:** Blake Price

Recommendations made by UES do not constitute authorization to perform any additional work without owner's authorization. UES is not responsible for the supervision or direction of the actual work of the contractor, or for site safety. Services provided by UES do not relieve the contractor of his responsibilities for performing the work in accordance with the plans and specifications.

UES | 1277 Financial Court, Suite A | Auburn, AL 36830

SOIL SAMPLE PICKUP REPORT

Phone: 334.502.3809
www.teamues.com

Report Pictures

Photo 1 - Location

DENSITY REPORT

Phone: 334.502.3809
www.teamues.com

Project Information			
Project Name:	Lake Wilmore Maintenance Shed	Work Order Date:	5/18/2026
Project Address:	Grove Hill Rd Auburn AL 36830	Project Number:	A26115.00169.000
Client Name:	City of Auburn	Work Order:	665365
		Company Rep:	LaDarrell Pettway

Weather and Temperature	
Weather Conditions:	Sunny
Ambient Temperature	80 - 90

Site Contact Notification	
Site Notification:	No
Name of Person Notified:	Not Applicable

Test Details			
Testing Frequency:	Part Time Basis	Location Stakes in Immediate Area:	No
		Elevation Stakes in Immediate Area:	No

Observations and Recommendations	
Were any Deviations Noted on Todays Visit:	Yes

UES arrived on-site as requested to perform field density test on building pad. Four test were taken, all test failed due to low compaction. Recommended moisture conditioning and re-compaction of failing area. In place soils contained some organic debris.

Representative: LaDarrell Pettway **Reviewed by:** Blake Price

Recommendations made by UES do not constitute authorization to perform any additional work without owner's authorization. UES is not responsible for the supervision or direction of the actual work of the contractor, or for site safety. Services provided by UES do not relieve the contractor of his responsibilities for performing the work in accordance with the plans and specifications.

UES | 1277 Financial Court, Suite A | Auburn, AL 36830

DENSITY REPORT

Phone: 334.502.3809
www.teamues.com

Test Results

Density tests taken are representative of the estimated location and elevation stated and cannot be inferred to be represented of any other location or elevation. Contractor should employ a system onsite to ensure all tests are taken, and any retests are taken prior to a failing area being covered. UES cannot track failing tests on a part time or periodic basis.

	In-Situ Values				Reference Values					Test Results				Remarks
Test No	Test Type	Wet Density	Dry Density	% MC	Proctor Info	Proctor ID No	Max D Density	Opt % MC	MC Limits	Req % Comp	% Comp	Diff OMC	Pass Fail	Elevation & Location
1	NG	109.2	97.1	12.5	ASTM D698	9670	104.9	17.3	+3.0, -3.0	98.0	92.5	-4.8	Fail	8” NE of foundation
2	NG	104.2	94.7	10	ASTM D698	9670	104.9	17.3	+3.0, -3.0	98.0	90.3	-7.3	Fail	8” west of pad
3	NG	109.4	97.2	12.6	ASTM D698	9670	104.9	17.3	+3.0, -3.0	98.0	92.6	-4.7	Fail	8” SE of pad
4	NG	108.8	95.4	14	ASTM D698	9670	104.9	17.3	+3.0, -3.0	98.0	91.0	-3.3	Fail	8” SW of pad

Test Types: CP=Check Point | DS=Drive Sleeve | SC=Sand Cone | NG=Nuclear Gauge | MC= Moisture Content | R=Retest

Report Pictures

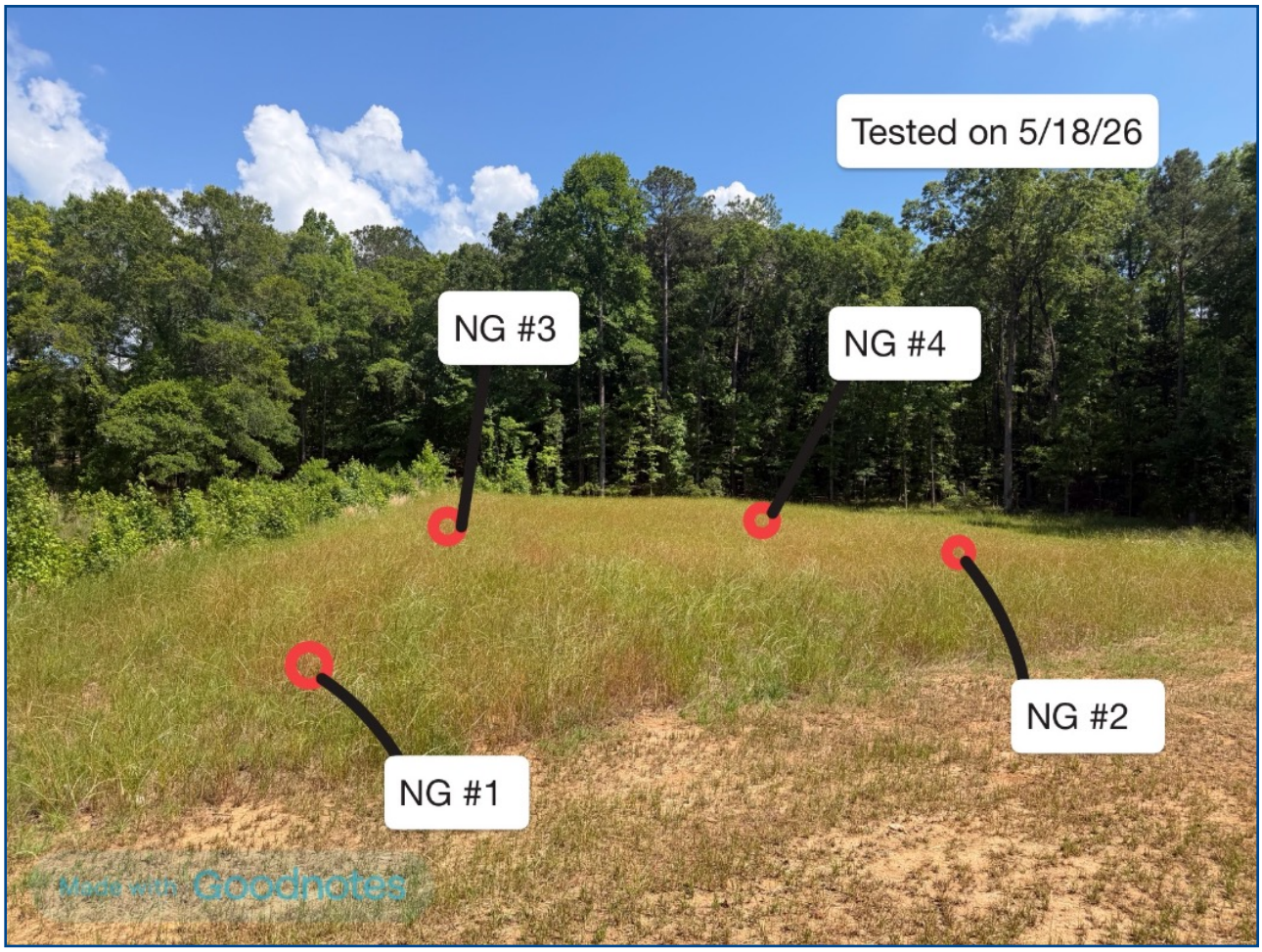


Photo 1 - Tests

Report Pictures

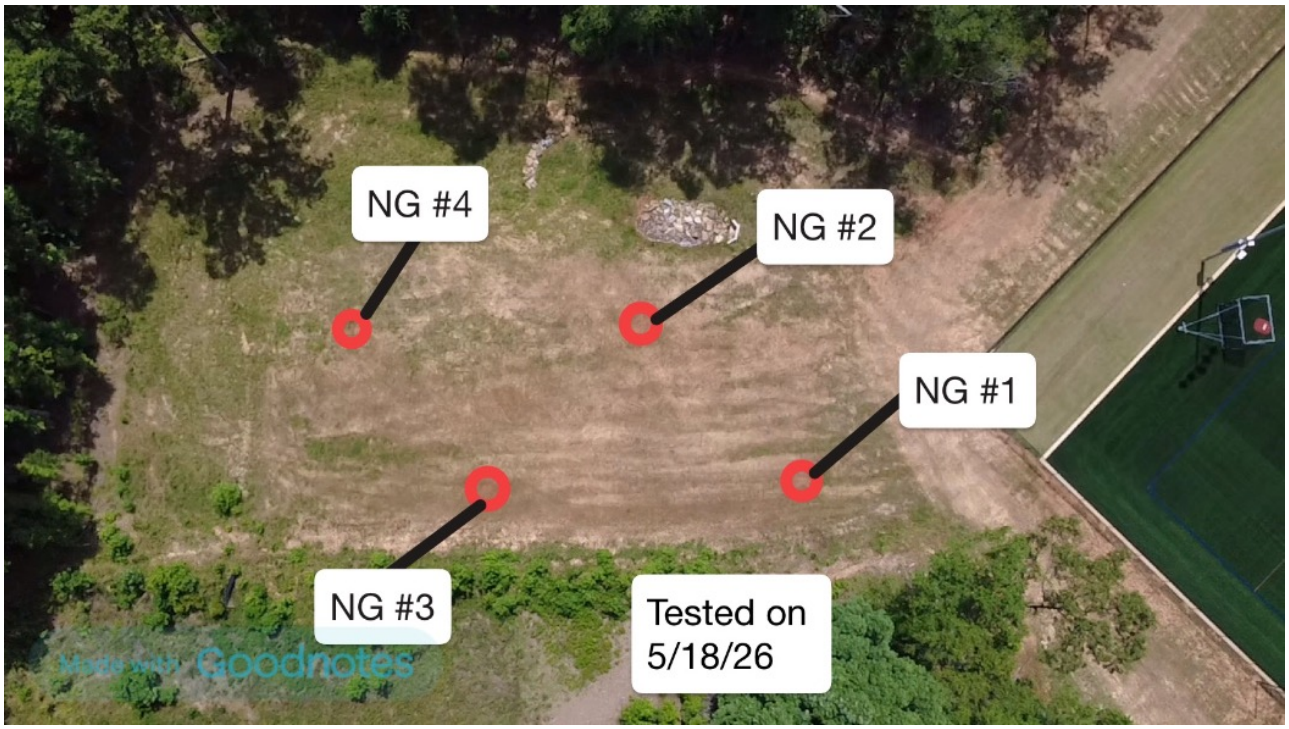


Photo 2 - Test

650 Oliver Road
Montgomery, AL 36117

334.213.5647
www.teamues.com

Organic Content in Soils by Loss on Ignition

AASHTO T267 / ASTM D 2974 (Method A)

Laboratory ID# 9670

		Report Date:	06/02/2026
Project Name:	Lake Wilmore Maintenance Shed	**Project Number:**	A26115.00169.000
Client Name:	City of Auburn	**Sample Number:**	1
Location:	On site	**Depth (ft):**	0'-3'

Test Information

Organic ID# O-1

Date Test was Performed on	**06/02/2026**
Wt. of Wet Soil + Tare (g)	**2904.9**
Wt. of Dry Soil + Tare (g)	**2648**
Wt. of Tare (g)	**0**
Weight of Water (g)	**256.9**
Weight of Dry Soil (g)	**2648**
Moisture Content %	**9.7%**

Wt. of Dry Soil + Tare (g)	**2648**
Wt. of Ash + Tare (g)	**2490.8**
Wt. of Tare (g)	**0**
Weight of Ash (g)	**2490.8**
Weight of Dry Soil (g)	**2648**
Ash Content %	**94.1%**
Organic Content %	**6.3%**

Performed By	Reviewed By	Reviewed Date
Alfred Frazier	**Bobby Towers**	**06/03/2026**

Results relate only to items tested. Report shall not be reproduced, except in full, without prior written approval from UES.

1277 Financial Court Unit A
Auburn, Al 36830

334 502 3809
www.teamues.com

Proctor Test Report

Compaction Characteristics of Soil Using Standard Effort
ASTM D698

Laboratory ID# 9670

Report Date: 5/21/2026

Project Name:	Lake Wilmore Maintenance Shed	Project Number:	A26115.00169.00(
Client Name:	City of Auburn	Sample Number:	1
Location:	On-site	Depth (ft):	1'-3'

Material Description

Total Material Weight (g): 24,400.0 3/4" Sieve (g): 955.6 3/8" Sieve (g): 1,337.0 #4 Sieve (g): 1,643.9

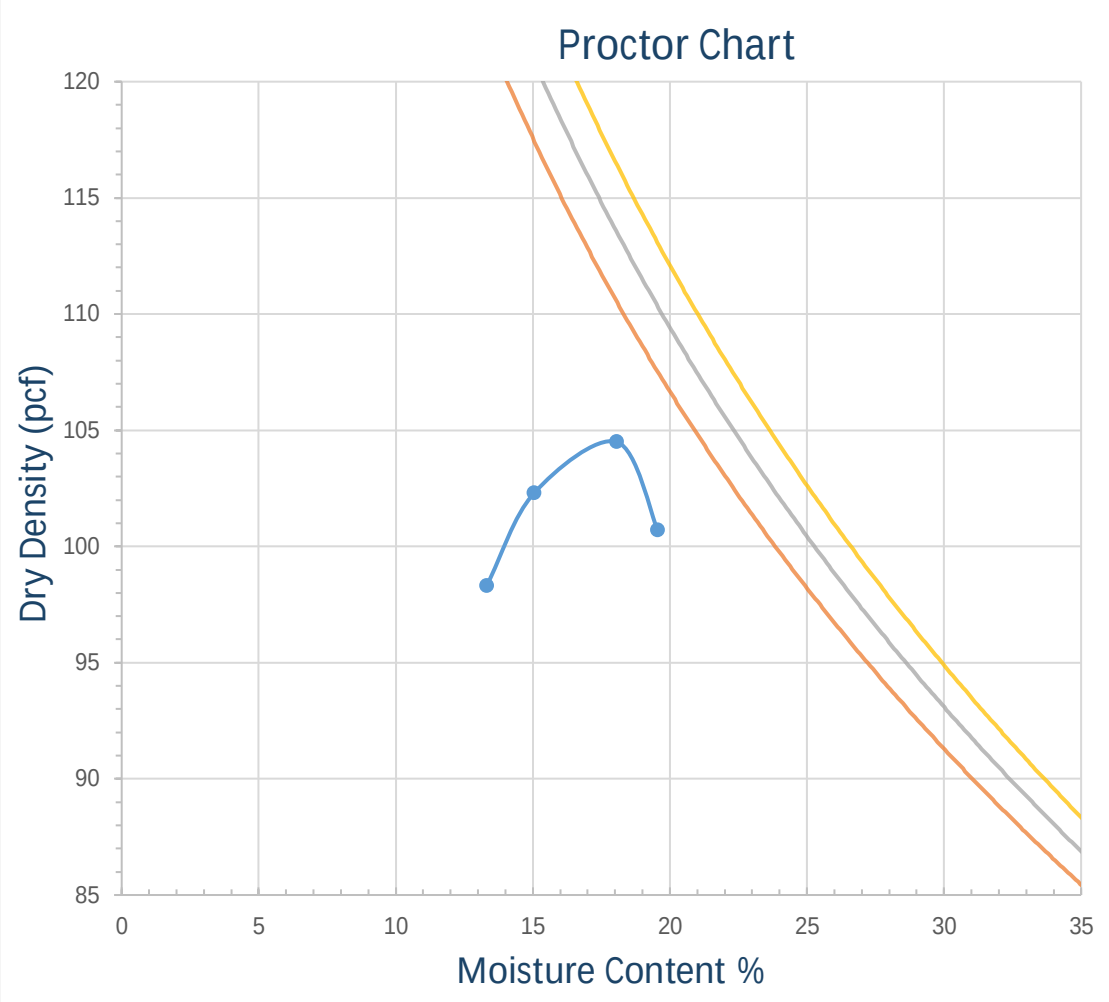
Moisture Retained: N/A Percent Retained: 3.9 5.5 6.7

Moisture Passing: N/A Color Description: Tan brown Contains: Organic Material

Classification: D2487 Unified Soil Classification System Description: ML - Sandy Silt

Specimen Preparation: Dry Specific Gravity Method: N/A Specific Gravity: N/A

Test Results



Proctor Curve ID	P-2
Method Used	Method A
Proctor Type	Standard
Type of Rammer	Manual
Maximum Dry Density	104.9 pcf
Optimum Moisture	17.3 %
Corrected Dry Density	N/A pcf
Corrected Moisture	N/A %
Natural Moisture Content	7.8 %

Performed By	Reviewed By	Reviewed Date
Jerome Perry	Blake Price	06/02/2026

Results relate only to items tested. Report shall not be reproduced, except in full, without prior written approval from UES.

1277 Financial Court Unit A
Auburn, Al 36830

334 502 3809
www.teamues.com

Sieve Test Report

Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis
D6913

Laboratory ID# 9670

Report Date: 5/21/2026

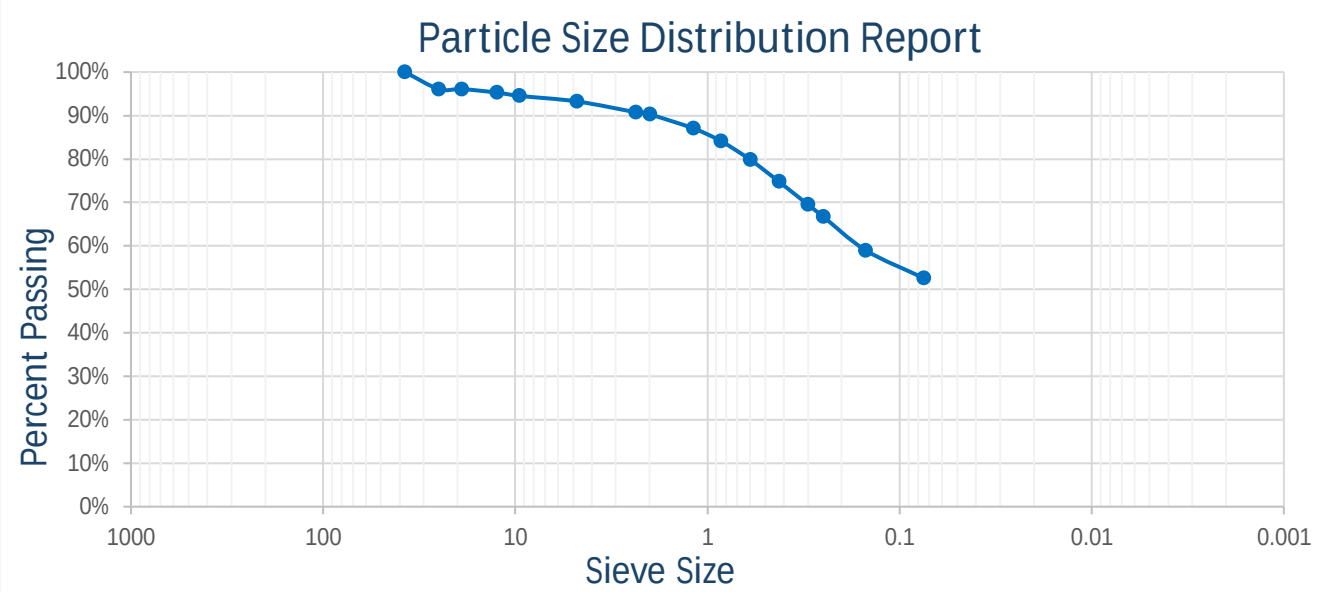
Project Name: Lake Wilmore Maintenance Shed
Project Number: A26115.00169.00(
Client Name: City of Auburn
Sample Number: 1
Location: On-site
Depth (ft): 1'-3'

Material As Received

Test Type: Classification Test(s) Sample Type: Bulk Processing: Oven Dried Moisture Content: 7.8
Maximum size Particle in Sample: 1.00" Material Broken Up By: Processing Through Si Time: 10 m
Original Dry Weight (g): 556.60 Material Soak Duration: 00:02:00 Wash Method Used: Method A

Sieve Analysis

Sieve ID# S-2



Sieve No.	Cumulative Weight (g)	% Retained	% Passing	% Specified +/- Passing		Pass /Fail
1-1/2"	0.00	0.0%	100.0%	-	-	-
1.00"	21.80	3.9%	96.1%	-	-	-
3/4"	21.80	3.9%	96.1%	-	-	-
1/2"	26.20	4.7%	95.3%	-	-	-
3/8"	30.50	5.5%	94.5%	-	-	-
#4	37.50	6.7%	93.3%	-	-	-
#8	51.40	9.2%	90.8%	-	-	-
#10	54.10	9.7%	90.3%	-	-	-
#16	72.30	13.0%	87.0%	-	-	-
#20	88.50	15.9%	84.1%	-	-	-
#30	112.10	20.1%	79.9%	-	-	-
#40	140.20	25.2%	74.8%	-	-	-
#50	169.70	30.5%	69.5%	-	-	-
#60	185.00	33.2%	66.8%	-	-	-
#100	228.30	41.0%	59.0%	-	-	-
#200	263.80	47.4%	52.6%	-	-	-

Materials Finer Than #200 by Washing
Original Dry Weight (g)
556.60
Washed Sample Wt. Dry (g)
265.10
Percent Passing #200 Sieve
52%
Percent Retained #200 Sieve
47.6%
Fineness Modulus
1.30

Performed By	Reviewed By	Reviewed Date
Jerome Perry	Blake Price	06/02/2026

Results relate only to items tested. Report shall not be reproduced, except in full, without prior written approval from UES.

1277 Financial Court Unit A
Auburn, Al 36830

334 502 3809
www.teamues.com

Atterberg Test Report

Liquid Limit, Plastic Limit, and Plasticity Index of Soils
ASTM D4318

Laboratory ID# 9670

Report Date: 5/21/2026

Project Name: Lake Wilmore Maintenance Shed
Project Number: A26115.00169.00(
Client Name: City of Auburn
Sample Number: 1
Location: On-site
Depth (ft): 1'-3'

Material Description

Material Description: Tan brown Organic Material
Received moisture content %: 7.8
Maximum Grain Size Retained: 1.00"
Percent Retained: 3.92

Specimen Preparation

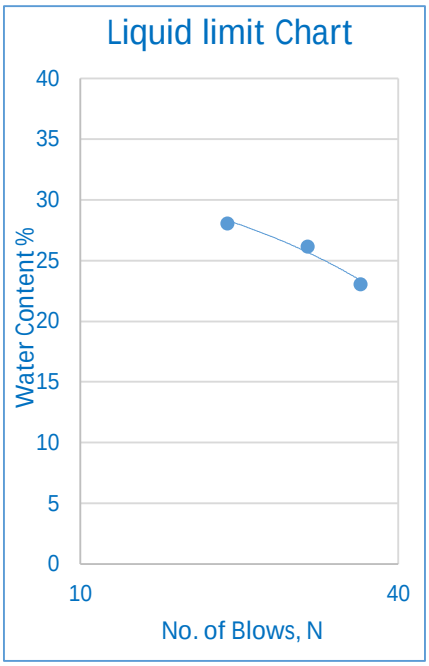
Method Prepared: Oven Dry
Dry sieved on #40 Sieve
Mixing Water: Distilled
If other:

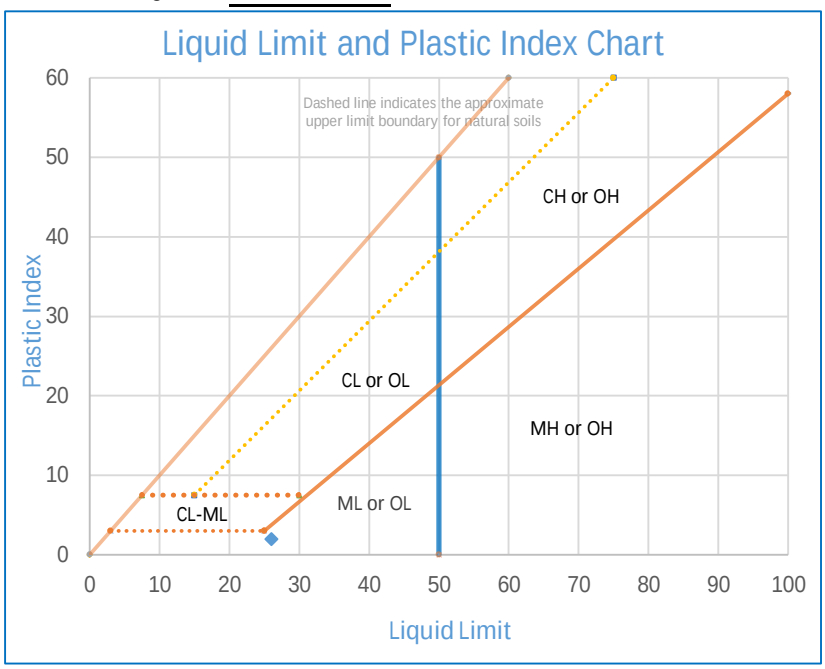
Equipment Used

Plastic Limit: Hand Rolled
Liquid Limit: Manual
Liquid Limit Device ID#: Manual

Test Results

Atterberg ID #: A-2





Liquid Limit Method	Liquid Limit	Plastic Limit	Plastic Index	Material retained on #40 Sieve
Multi Point	26	24	2	25.2 %

Performed By	Reviewed By	Reviewed Date
Jerome Perry	Blake Price	06/02/2026

Results relate only to items tested. Report shall not be reproduced, except in full, without prior written approval from UES.

FOUNDATION REPORT

Phone: 334.502.3809
www.teamues.com

Project Information			
Project Name:	Lake Wilmore Maintenance Shed	Work Order Date:	6/23/2026
Project Address:	Grove Hill Rd Auburn AL 36830	Project Number:	A26115.00169.000
Client Name:	City of Auburn	Work Order:	678938
		Company Rep:	LaDarrell Pettway

Test Conditions	
Weather Conditions:	Sunny
Ambient Temperature	80 - 90

Site Contact Notification	
Site Notification:	No
Name of Person Notified:	Not Applicable

Plan Details			
Referenced Sheet Plans:	N/A	Revision Date:	N/A
Overall Location:	Building pad, South		

Observations and Recommendations	
Were any Deviations Noted on Todays Visit:	N/A

UES arrived on-site as requested to perform a subgrade examination and get samples as requested. Four test were taken. There was auger refusal for B-1 at 2.5', auger refusal for B-2 at 4.5', auger refusal for B-3 at 1.5', and auger refusal for B-4 at 1.5'. Organic material was present throughout the tested area.

Representative: LaDarrell Pettway **Reviewed by:** Blake Price

Recommendations made by UES do not constitute authorization to perform any additional work without owner's authorization. UES is not responsible for the supervision or direction of the actual work of the contractor, or for site safety. Services provided by UES do not relieve the contractor of his responsibilities for performing the work in accordance with the plans and specifications.

UES | 1277 Financial Court, Suite A | Auburn, AL 36830

Phone: 334.502.3809
www.teamues.com

DCP Tests

Dynamic Cone Penetrometer tests taken are representative of the estimated location and elevation stated and cannot be inferred to be represented of any other location or elevation. Contractor should employ a system onsite to ensure all tests are taken, and any retests are taken prior to a failing area being covered.

Test ID	Location	Designed Bearing Capacity (psf)	Were Testing Requirements Met
1	Building pad, South/B-1	1500	No
2	Building pad, West/B-2	1500	No
3	Building pad, East/B-3	1500	No
4	Building pad, North/B-4	1500	No

Report Pictures

Photo 1 - B-1

Report Pictures

Photo 2 - B-2

Report Pictures

Photo 3 - B-3

Report Pictures

Photo 4 - B-4

Phone: 334.502.3809
www.teamues.com

Report Pictures

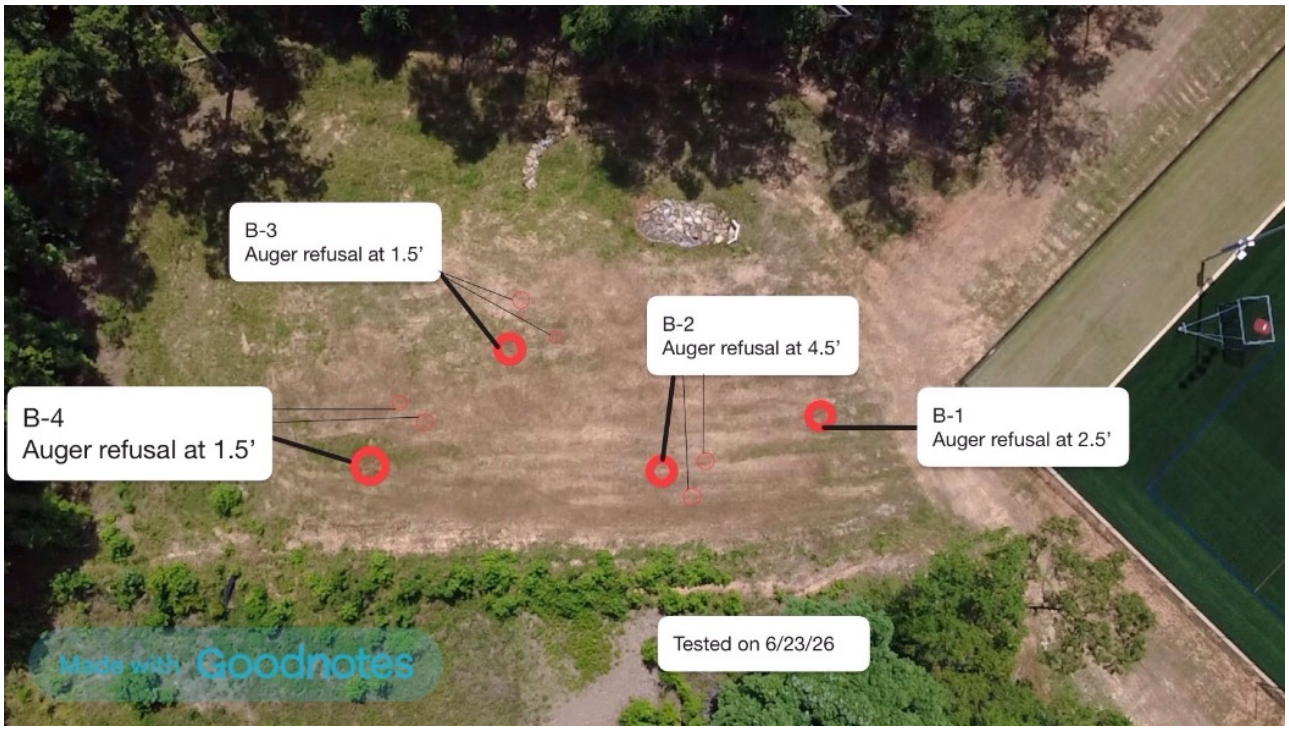


Photo 5 - Building pad

Phone: 334.502.3809
www.teamues.com

Test Depths – Internal Review Only

Depth is referred from existing ground surface.

Soil Description	Type	Depth (ft)	DCP Blows Per Increment			
			Seat	1st	2nd	Avg
Test Id: 1 | Building pad, South/B-1 | Footing: 0-3' | DBC: 1500						
Brown SC - Clayey sands with Gravel	Residual	0	5	9	10	10
Brown SC - Clayey sands with Gravel	Residual	1	9	8	8	8
Brown SC - Clayey sands with Gravel	Residual	2	9	11	15	13
Test Id: 2 | Building pad, West/B-2 | Footing: 0-4' | DBC: 1500						
Brown SC - Clayey sands with Gravel	Residual	0	6	7	10	8
Brown SC - Clayey sands with Gravel	Residual	1	7	5	7	6
Brown SC - Clayey sands with Gravel	Residual	2	7	7	7	7
Brown SC - Clayey sands with Gravel	Residual	3	5	8	15	12
Brown SC - Clayey sands with Gravel	Residual	4	8	10	12	11
Test Id: 3 | Building pad, East/B-3 | Footing: 0-3' | DBC: 1500						
Brown SC - Clayey sands with Gravel	Residual	0	6	10	13	12
Brown SC - Clayey sands with Gravel	Residual	1	4	4	8	4
Test Id: 4 | Building pad, North/B-4 | Footing: 0-3' | DBC: 1500						
Brown SC - Clayey sands with Gravel	Residual	0	5	4	3	4
Brown SC - Clayey sands with Gravel	Residual	1	15	15	15	15

WATER QUALITY BASIN MAP

1" = 80'

80 40 0 80 160

SCALE IN FEET

N

43 18 03 08 0 000 001.063
AUBURN CITY OF
144 TICHENOR AVE
AUBURN, AL 36830

GROVE HILL ROAD
(80' R.O.W.)

OGLETREE ROAD
(80' R.O.W.)

DRY DETENSION

NATURAL CONSERVATION
AREA (TYP.)

BUFFER FILTER DRAINAGE AREA
TOTAL DRAINAGE AREA = 1.97 AC
IMPERVIOUS AREA = 0.05 AC
DISTURBED PERVIOUS AREA = 0.84 AC
NATURAL CONSERVATION AREA = 1.08AC