



Town of Erwin

Zoning Application & Permit

Planning & Inspections Department

Permit #
24-0076

Rev Sep2014

Each application should be submitted with an attached plot/site plan with the proposed use/structure showing lot shape, existing and proposed buildings, parking and loading areas, access drives and front, rear, and side yard dimensions.

Name of Applicant	Turtle Run, LLC	Property Owner	Same
Home Address	225 Peedin Road	Home Address	
City, State, Zip	Smithfield, NC 27577	City, State, Zip	
Telephone	(919) 934-3041	Telephone	
Email	guyljr@lampemangement.com	Email	

Address of Proposed Property	404 E. Jackson Blvd., Erwin, NC 28339		
Parcel Identification Number(s) (PIN)	1507-24-4207	Estimated Project Cost	
What is the applicant requesting to build / what is the proposed use of the subject property? Be specific.	The project shall consist of constructing buildings, driveway and parking area for indoor storage (commercial).		
Description of any proposed improvements to the building or property	Buildings elevations will meet Town building design standards, paved areas shall be asphalt, and site will be landscaped.		
What was the Previous Use of the subject property?	Retail; restaurant		
Does the Property Access DOT road?	Yes (2)		
Number of dwelling/structures on the property already	1	Property/Parcel size	6.18 acres
Floodplain SFHA <u>Yes</u> <input checked="" type="checkbox"/> <u>No <input type="checkbox"/></u>	Watershed <u>Yes</u> <input checked="" type="checkbox"/> <u>No <input type="checkbox"/></u>	Wetlands <u>Yes</u> <input checked="" type="checkbox"/> <u>No <input type="checkbox"/></u>	
MUST circle one that applies to property	Existing/Proposed Septic System Or Existing/ Proposed County/City Sewer		

Owner/Applicant Must Read and Sign

The undersigned property owner, or duly authorized agent/representative thereof certifies that this application and the forgoing answers, statements, and other information herewith submitted are in all respects true and correct to the best of their knowledge and belief. The undersigning party understands that any incorrect information submitted may result in the revocation of this application. Upon issuance of this permit, the undersigning party agrees to conform to all applicable town ordinances, zoning regulations, and the laws of the State of North Carolina regulating such work and to the specifications of plans herein submitted. The undersigning party authorizes the Town of Erwin to review this request and conduct a site inspection to ensure compliance to this application as approved.

John F. Oglesby, PE (Consultant)		11/16/2023
Print Name	Signature of Owner or Representative	Date

For Office Use

Zoning District	B-2	Existing Nonconforming Uses or Features	NA	
Front Yard Setback	30 Ft	Other Permits Required	<input type="checkbox"/> Conditional Use	<input checked="" type="checkbox"/> Building <input type="checkbox"/> Fire Marshal <input checked="" type="checkbox"/> Other
Side Yard Setback	20 Ft	Requires Town Zoning Inspection(s)	<input type="checkbox"/> Foundation	<input type="checkbox"/> Prior to C. of O.
Rear Yard Setback	20 Ft	Zoning Permit Status	<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Denied
Fee Paid: \$100		Date Paid:	Staff Initials: DME	

Comments	Will need Trade Permits / Existing building may be torn down			
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Signature of Town Representative:	Date Approved/Denied: 11/29/23
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Terry Warrington
252-670-2664

John
919-624-0997
John@csd - Engi . com

ROY COOPER

Governor

ELIZABETH S. BISER

Secretary

BRIAN WRENN

Director



NORTH CAROLINA
Environmental Quality

November 28, 2022

LETTER OF APPROVAL WITH MODIFICATIONS

Turtle Run, LLC
Attn: Guy Lampe, Jr., Manager
P.O. Box 608
Smithfield, NC 27577

RE: Project Name: Ample Storage - Erwin
Acres Approved: 6.2
Project ID: HARNE-2023-048
County: Harnett, City: Erwin, Address: E. Jackson Boulevard
River Basin: Cape Fear
Stream Classification: Other
Submitted By: CSD Engineering,
Date Received by LQS: October 31, 2022
Plan Type: New

Dear Mr. Lampe:

This office has reviewed the subject erosion and sedimentation control plan and hereby issues this Letter of Approval with Modifications. A list of the modifications and reservations is attached. This plan approval shall expire three (3) years following the date of approval, if no land-disturbing activity has been undertaken, as is required by Title 15A NCAC 4B .0129. Should the plan not perform adequately, a revised plan will be required (G.S. 113A-54.1)(b).

As of April 1, 2019, all new construction activities are required to complete and submit an electronic Notice of Intent (eNOI) form requesting a Certificate of Coverage (COC) under the NCG010000 Construction General Permit. After the form is reviewed and found to be complete, you will receive a link with payment instructions for the \$100 annual permit fee. After the fee is processed, you will receive the COC via email. As the Financially Responsible Party shown on the FRO form submitted for this project, you **MUST** obtain the COC prior to commencement of any land disturbing activity. The eNOI form may be accessed at deq.nc.gov/NCG01. Please direct questions about the NOI form to Annette Lucas at danny.smith@ncdenr.gov or Paul Clark at Paul.clark@ncdenr.gov. After you submit a complete and correct NOI Form, a COC will be emailed to you within **three business days**. A \$100 fee will be charged annually until a Notice of Termination is issued. This fee is to be sent to the DEMLR Stormwater Central Office staff in Raleigh. If the owner/operator of this project changes in the future, the new responsible party must obtain a new COC.

Title 15A NCAC 4B .0118(a) and the NCG01 permit require that the following documentation be kept on file at the job site:

1. The approved E&SC plan as well as any approved deviation.



North Carolina Department of Environmental Quality | Division of Energy, Mineral and Land Resources
Fayetteville Regional Office | 225 Green Street, Suite 714 | Fayetteville, North Carolina 28301
910.433.3300

2. The NCG01 permit and the COC, once it is received.
3. Records of inspections made during the previous 12 months.w2

Also, this letter gives the notice required by G.S. 113A-61.1(a) of our right of periodic inspection to ensure compliance with the approved plan.

Title 15A NCAC 4B .0118(a) requires that a copy of the approved erosion control plan be on file at the job site. Also, this letter gives the notice required by G.S. 113A-61.1(a) of our right of periodic inspection to ensure compliance with the approved plan.


North Carolina's Sedimentation Pollution Control Act is performance-oriented, requiring protection of existing natural resources and adjoining properties. If, following the commencement of this project, it is determined that the erosion and sedimentation control plan is inadequate to meet the requirements of the Sedimentation Pollution Control Act of 1973 (North Carolina General Statute 113A-51 through 66), this office may require revisions to the plan and implementation of the revisions to ensure compliance with the Act.

Acceptance and approval of this plan is conditioned upon your compliance with Federal and State water quality laws, regulations, and rules. In addition, local city or county ordinances or rules may also apply to this land-disturbing activity. This approval does not supersede any other permit or approval.

Please note that this approval is based in part on the accuracy of the information provided in the Financial Responsibility Form, which you provided. You are requested to file an amended form if there is any change in the information included on the form. This permit allows for a land-disturbance, as called for on the application plan, not to exceed the approved acres. Exceeding the acreage will be a violation of this permit and would require a revised plan and additional application fee. In addition, it would be helpful if you notify this office of the proposed starting date for this project.

Your cooperation is appreciated.

Sincerely,



Jodi Pace, EI
Regional Engineering Associate
DEMLR

Enclosures: Certificate of Approval
Modifications Required for Approval
NPDES NCG01 Fact Sheet

cc: John Oglesby, CSD Engineering (electronic copy)
Jay Sikes, Building Inspector (electronic copy)
DEMLR - Fayetteville Regional Office File

MODIFICATIONS REQUIRED FOR APPROVAL

Project Name: AMPLE STORAGE - ERWIN
Project Number: HARNE-2023-048
County: HARNETT

Provide two copies of the full-size sheets corresponding to the e-mail/PDF received in the NCDENR office, prior to the beginning of land disturbing activities.

Ref: G.S. 113A-54.1 through G.S. 113A-57
Sections 15A NCAC 04A.0101 through 15A NCAC 04E.0504
General Permit NCG 010000 NPDES for Construction Activities

ROY COOPER
Governor

ELIZABETH S. BISER
Secretary

WILLIAM E. TOBY VINSON, JR.
Interim Director



October 10, 2023

Turtle Run, LLC
Attn: Guy Lampe, Jr., Manager/Vice President
PO BOX 608
Smithfield, NC 27577

**Subject: Post-Construction Stormwater Management Permit No. SW6221201
Ample Storage
High Density Project
Harnett County**

Dear Mr. Lampe:

The Division of Energy, Mineral and Land Resources received a complete Post-Construction Stormwater Management Permit Application for the subject project on July 27, 2023. Staff review of the plans and specifications has determined that the project, as proposed, complies with the Stormwater Regulations set forth in Title 15A NCAC 2H.1000 amended on January 1, 2017 (2017 Rules). We are hereby forwarding Permit No. SW6221201 dated October 10, 2023, for the construction, operation and maintenance of the built-upon areas (BUA) and stormwater control measures (SCMs) associated with the subject project.

This permit shall be effective from the date of issuance until **October 10, 2031** and does not supersede any other agency permit that may be required. The project shall be subject to the conditions and limitations as specified therein. Failure to comply with these requirements will result in future compliance problems. Please note that this permit is not transferable except after notice to and approval by the Division.

If any parts, requirements, or limitations contained in this permit are unacceptable, you have the right to request an adjudicatory hearing by filing a written petition with the Office of Administrative Hearings (OAH). The written petition must conform to Chapter 150B of the North Carolina General Statutes and must be filed with the OAH within thirty (30) days of receipt of this permit. You should contact the OAH with all questions regarding the filing fee (if a filing fee is required) and/or the details of the filing process at 6714 Mail Service Center, Raleigh, NC 27699-6714, or via telephone at 919-431-3000, or visit their website at www.NCOAH.com. Unless such demands are made this permit shall be final and binding.

This project will be kept on file at the Fayetteville Regional Office. If you have any questions concerning this permit, please contact Jim Farkas in the Central Office, at (919) 707-3646 or jim.farkas@deq.nc.gov.

Sincerely,

Original signed by James Farkas

For William E. Toby Vinson, Jr., Interim Director
Division of Energy, Mineral and Land Resources

Enclosures: Attachment A – Designer’s Certification Form
Application Documents

DES/jf: \\WaterResources\DEMLR - Stormwater\SW Permits\SW6221201
cc: John F. Oglesby, PE; CSD Engineering
Terry Wethington; Lampe Construction
Brad Sutton; Harnett County Building Inspections
NCDOT District Engineer
Fayetteville Regional Office Stormwater File



STATE OF NORTH CAROLINA
DEPARTMENT OF ENVIRONMENTAL QUALITY
DIVISION OF ENERGY, MINERAL AND LAND RESOURCES

POST-CONSTRUCTION STORMWATER MANAGEMENT PERMIT

HIGH DENSITY DEVELOPMENT

In compliance with the provisions of Article 21 of Chapter 143, General Statutes of North Carolina as amended, and other applicable Laws, Rules, and Regulations promulgated and adopted by the North Carolina Environmental Management Commission, including 15A NCAC 02H.1000 amended on January 1, 2017 (2017 Rules) (the "stormwater rules"),

PERMISSION IS HEREBY GRANTED TO

Turtle Run, LLC

Ample Storage

404 East Jackson Boulevard, Erwin, Harnett County

FOR THE

construction, management, operation and maintenance of built-upon area (BUA) draining to one (1) wet pond ("stormwater control measures" or "SCMs") as outlined in the application, approved stormwater management plans, supplement, calculations, operation and maintenance agreement, recorded documents, specifications, and other supporting data (the "approved plans and specifications") as attached and/or on file with and approved by the Division of Energy, Mineral and Land Resources (the "Division" or "DEMLR"). The project shall be constructed, operated and maintained in accordance with these approved plans and specifications. The approved plans and specifications are incorporated by reference and are enforceable part of this permit.

This permit shall be effective from the date of issuance until October 10, 2031 and shall be subject to the following specified conditions and limitations. The permit issued shall continue in force and effect until the permittee files a request with the Division for a permit modification, transfer, renewal, or rescission; however, these actions do not stay any condition. The issuance of this permit does not prohibit the Director from reopening and modifying the permit, revoking and reissuing the permit, or terminating the permit for cause as allowed by the laws, rules, and regulations contained in Title 15A NCAC 2H.1000 and NCGS 143-215.1 et.al.

1. **BUA REQUIREMENTS.** The maximum amount of BUA allowed for the entire project is 170,952 square feet. The runoff from all BUA within the permitted high density drainage area of this project must be directed into the permitted SCM. The BUA requirements and allocations for this project are as follows:
 - a. **SCM BUA LIMITS.** The SCM has been designed to handle the runoff from 170,952 square feet of BUA within the delineated drainage area. This permit does not provide any allocation of BUA for future development within the delineated drainage area(s).
2. **PERVIOUS AREA IMPROVEMENTS.** At this time, none of the pervious area improvements listed in G.S. 143-214.7(b2) or the Stormwater Design Manual have been proposed for this project. Pervious area improvements will be allowed in this project if documentation is provided demonstrating those improvements meet the requirements of the stormwater rule.

3. **SCM REQUIREMENTS.** The SCM requirements for this project are as follows:
 - a. **SCM DESIGN.** The SCM is permitted based on the design criteria presented in the sealed, signed and dated supplement and as shown in the approved plans and specifications. This SCM must be provided and maintained at the design condition.
 - b. **PLANTING PLAN.** The SCM landscape planting plan shown in the approved plans shall be followed in its entirety during construction. After the plants are established, the operation and maintenance agreement must be followed.
 - c. **FOUNTAINS.** At this time, a decorative spray fountain has not been proposed within the wet pond. Decorative spray fountains will be allowed in the wet pond if documentation is provided demonstrating that the proposed fountain will not cause resuspension of sediment within the pond or cause erosion of the pond side slopes.
 - d. **IRRIGATION.** If the wet pond is to be used for irrigation, it is recommended that some water be maintained in the permanent pool, the vegetated shelf is planted with appropriate species that can handle fluctuating conditions, and human health issues are addressed.
4. **STORMWATER OUTLETS.** The peak flow from the 10-year storm event shall not cause erosion downslope of the discharge point.
5. **VEGETATED SETBACKS.** A 30-foot wide vegetative setback must be provided and maintained in grass or other vegetation adjacent to all surface waters as shown on the approved plans. The setback is measured horizontally from the normal pool elevation of impounded structures, from the top of bank of each side of streams or rivers, and from the mean high waterline of tidal waters, perpendicular to the shoreline.
 - a. **BUA IN THE VEGETATED SETBACK.** BUA may not be added to the vegetated setback except as shown on the approved plans;
 - b. **RELEASE OF STORMWATER NOT TREATED IN AN SCM.** Stormwater that is not treated in an SCM must be released at the edge of the vegetated setback and allowed to flow through the setback as dispersed flow.
6. **RECORDED DOCUMENT REQUIREMENTS.** The stormwater rules require the following documents to be recorded with the Office of the Register of Deeds:
 - a. **EASEMENTS.** All SCMs, stormwater collection systems, vegetated conveyances, and maintenance access located on property owned by other persons or entities must be located in permanent recorded easements or drainage easements as shown on the approved plans.
 - b. **OPERATION AND MAINTENANCE AGREEMENT.** The operation and maintenance agreement must be recorded with the Office of the Register of Deeds.
 - c. **FINAL PLATS.** If a final plat is recorded, it must reference the operation and maintenance agreement and must also show all public rights-of-way, dedicated common areas, and/or permanent drainage easements, in accordance with the approved plans.
 - d. **DEED RESTRICTIONS AND PROTECTIVE COVENANTS.** The permittee shall record deed restrictions and protective covenants prior to the issuance of a certificate of occupancy to ensure the permit conditions and the approved plans and specifications are maintained in perpetuity.
7. **CONSTRUCTION.** During construction, erosion shall be kept to a minimum and any eroded areas of the on-site stormwater system will be repaired immediately.
 - a. **PROJECT CONSTRUCTION, OPERATION AND MAINTENANCE.** During construction, all operation and maintenance for the project shall follow the Erosion Control Plan requirements until the Sediment-Erosion Control devices are converted to SCMs or no longer needed. Once the device is converted to a SCM, the permittee shall provide and perform the operation and maintenance as outlined in the applicable section below.

- b. **SCM RESTORATION.** If one or more of the SCMs are used as an Erosion Control device and/or removed or destroyed during construction, it must be restored to the approved design condition prior to close-out of the erosion control plan and/or project completion and/or transfer of the permit. Upon restoration, a new or updated certification will be required for the SCM(s) and a copy must be submitted to the appropriate DEQ regional office.
8. **MODIFICATIONS.** No person or entity, including the permittee, shall alter any component shown in the approved plans and specifications. Prior to the construction of any modification to the approved plans, the permittee shall submit to the Director, and shall have received approval for modified plans, specifications, and calculations including, but not limited to, those listed below. For changes to the project or SCM that impact the certifications, a new or updated certification(s), as applicable, will be required and a copy must be submitted to the appropriate DEQ regional office upon completion of the modification.
 - a. Any modification to the approved plans and specifications, regardless of size including the SCM(s), BUA, details, etc.
 - b. Redesign or addition to the approved amount of BUA or to the drainage area.
 - c. Further development, subdivision, acquisition, lease or sale of any, all or part of the project and/or property area as reported in the approved plans and specifications.
 - d. Altering, modifying, removing, relocating, redirecting, regrading, or resizing of any component of the approved SCM(s), stormwater collection system and/or vegetative conveyance shown on the approved plan.
 - e. The construction of any allocated future BUA.
 - f. The construction of any infiltrating permeable pavement, #57 stone area, public trails, or landscaping material to be considered a pervious surface that were not included in the approved plans and specifications.
 - g. Other modifications as determined by the Director.
 9. **DESIGNER'S CERTIFICATION.** Upon completion of the project, the permittee shall determine if the project is in compliance with the approved plans and take the necessary following actions:
 - a. If the permittee determines that the project is in compliance with the approved plans, then within 45 days of completion, the permittee shall submit to the Division one hard copy and one electronic copy of the following:
 - i. The completed and signed Designer's Certification provided in Attachment A noting any deviations from the approved plans and specifications. Deviations may require approval from the Division;
 - ii. A copy of the recorded operation and maintenance agreement;
 - iii. Unless already provided, a copy of the recorded deed restrictions and protective covenants; and
 - iv. A copy of the recorded plat delineating the public rights-of-way, dedicated common areas and/or permanent recorded easements, when applicable.
 - b. If the permittee determines that the project is not in compliance with the approved plans, the permittee shall submit an application to modify the permit within 30 days of completion of the project or provide a plan of action, with a timeline, to bring the site into compliance.
 10. **OPERATION AND MAINTENANCE.** The permittee shall provide and perform the operation and maintenance necessary, as listed in the signed operation and maintenance agreement, to assure that all components of the permitted on-site stormwater system are maintained at the approved design condition. The approved operation and maintenance agreement must be followed in its entirety and maintenance must occur at the scheduled intervals.

- a. **CORRECTIVE ACTIONS REQUIRED.** If the facilities fail to perform satisfactorily, the permittee shall take immediate corrective actions. This includes actions required by the Division and the stormwater rules such as the construction of additional or replacement on-site stormwater systems. These additional or replacement measures shall receive a permit from the Division prior to construction.
 - b. **MAINTENANCE RECORDS.** Records of maintenance activities must be kept and made available upon request to authorized personnel of the Division. The records will indicate the date, activity, name of person performing the work and what actions were taken.
11. **PERMIT RENEWAL.** A permit renewal request must be submitted at least 180 days prior to the expiration date of this permit. The renewal request must include the appropriate application, documentation and the processing fee as outlined in 15A NCAC 02H.1045(3).
 12. **CHANGES TO THE PROJECT NAME, PERMITTEE NAME OR CONTACT INFORMATION.** The permittee shall submit a completed Permit Information Update Application Form to the Division within 30 days to making any one of these changes.
 13. **TRANSFER.** This permit is not transferable to any person or entity except after notice to and approval by the Director. Neither the sale of the project and/or property, in whole or in part, nor the conveyance of common area to a third party constitutes an approved transfer of the permit.
 - a. **TRANSFER REQUEST.** The transfer request must include the appropriate application, documentation and the processing fee as outlined in 15A NCAC 02H.1045(2). This request must be submitted within 90 days of the permit holder meeting one or more of the following:
 - i. A natural person who is deceased;
 - ii. A partnership, limited liability corporation, corporation, or any other business association that has been dissolved;
 - iii. A person or entity who has been lawfully and finally divested of title to the property on which the permitted activity is occurring or will occur through foreclosure, bankruptcy, or other legal proceeding.
 - iv. A person or entity who has sold the property, in whole or in part, on which the permitted activity is occurring or will occur;
 - v. The assignment of declarant rights to another individual or entity;
 - vi. The sale or conveyance of the common areas to a Homeowner's or Property Owner's Association, subject to the requirements of NCGS 143-214.7(c2);
 - b. **TRANSFER INSPECTION.** Prior to transfer of the permit, a file review and site inspection will be conducted by Division personnel to ensure the permit conditions have been met and that the project and the on-site stormwater system complies with the permit conditions. Records of maintenance activities performed to date may be requested. Projects not in compliance with the permit will not be transferred until all permit and/or general statute conditions are met.
 14. **COMPLIANCE.** The permittee is responsible for complying with the terms and conditions of this permit and the approved plans and specifications until the Division approves the transfer request.
 - a. **REVIEWING AND MONITORING FOR COMPLIANCE.** The permittee is responsible for verifying that the proposed BUA within each drainage area and for the entire project does not exceed the maximum amount allowed by this permit. The permittee shall review and routinely monitor the project to ensure continued compliance with the conditions of the permit, the approved plans and specifications.
 - b. **APPROVED PLANS AND SPECIFICATIONS.** A copy of this permit, approved plans, application, supplement, operation and maintenance agreement, all applicable recorded documents, and specifications shall be maintained on file by the permittee at all times.

- c. MAINTENANCE ACCESS. SCMs, stormwater collection systems, and vegetated conveyances must be accessible for inspection, operation, maintenance and repair as shown on the approved plans.
- d. DIVISION ACCESS. The permittee grants Division Staff permission to enter the property during normal business hours to inspect all components of the permitted project.
- e. ENFORCEMENT. Any individual or entity found to be in noncompliance with the provisions of a stormwater management permit or the requirements of the stormwater rules is subject to enforcement procedures as set forth in NCGS 143 Article 21.
- f. ANNUAL CERTIFICATION. The permittee shall electronically submit to the Division an annual certification completed by either the permittee or their designee confirming the projects conformance with permit conditions.
- g. OBTAINING COMPLIANCE. The Director may notify the permittee when the permitted site does not meet one or more of the minimum requirements of the permit. Within the time frame specified in the notice, the permittee shall submit a written time schedule to the Director for modifying the site to meet minimum requirements. The permittee shall provide copies of modified plans and certification in writing to the Director that the changes have been made.
- h. OTHER PERMITS. The issuance of this permit does not preclude the permittee from obtaining and complying with any and all other permits or approvals that are required for this development to take place, as required by any statutes, rules, regulations, or ordinances, which are imposed by any other Local, State or Federal government agency having jurisdiction. Any activities undertaken at this site that cause a water quality violation or undertaken prior to receipt of the necessary permits or approvals to do so are considered violations of NCGS 143-215.1, and subject to enforcement procedures pursuant to NCGS 143-215.6.

Permit issued this the 10th day of October 2023.

NORTH CAROLINA ENVIRONMENTAL MANAGEMENT COMMISSION

Original signed by James Farkas

For Douglas R. Ansel, Interim Director
Division of Energy, Mineral and Land Resources
By Authority of the Environmental Management Commission

Permit Number SW6221201

Attachment A

Certification Forms

The following blank Designer Certification forms are included and specific for this project:

- As-Built Permittee Certification
- As-Built Designer's Certification General MDC
- As-Built Designer's Certification for Wet Detention Pond Project

A separate certification is required for each SCM. These blank certification forms may be copied and used, as needed, for each SCM and/or as a partial certification to address a section or phase of the project.

AS-BUILT PERMITTEE CERTIFICATION

I hereby state that I am the current permittee for the project named above, and I certify by my signature below, that the project meets the below listed Final Submittal Requirements found in NCAC 02H.1042(4) and the terms, conditions and provisions listed in the permit documents, plans and specifications on file with or provided to the Division.

- Check here if this is a partial certification. Section/phase/SCM #? _____
 Check here if this is part of a Fast Track As-built Package Submittal.

Printed Name _____ Signature _____

I, _____, a Notary Public in the State of _____

County of _____, do hereby certify that _____

personally appeared before me this _____ day of _____, 20_____

and acknowledge the due execution of this as-built certification. (SEAL)

Witness my hand and official seal

My commission expires _____

Permittee's Certification NCAC .1042(4)	Completed / Provided	N/A
A. DEED RESTRICTIONS / BUA RECORDS		
1. The deed restrictions and protective covenants have been recorded and contain the necessary language to ensure that the project is maintained consistent with the stormwater regulations and with the permit conditions.	Y or N	
2. A copy of the recorded deed restrictions and protective covenants has been provided to the Division.	Y or N	
3. Records which track the BUA on each lot are being kept. (See Note 1)	Y or N	
B. MAINTENANCE ACCESS		
1. The SCMs are accessible for inspection, maintenance and repair.	Y or N	
2. The access is a minimum of 10 feet wide.	Y or N	
3. The access extends to the nearest public right-of-way.	Y or N	
C. EASEMENTS		
1. The SCMs and the components of the runoff collection / conveyance system are located in recorded drainage easements.	Y or N	
2. A copy of the recorded plat(s) is provided.	Y or N	
D. SINGLE FAMILY RESIDENTIAL LOTS - Plats for residential lots that have an SCM include the following:	Y or N	
1. The specific location of the SCM on the lot.	Y or N	
2. A typical detail for the SCM.	Y or N	
3. A note that the SCM is required to meet stormwater regulations and that the lot owner is subject to enforcement action as set forth in NCGS 143 Article 21 if the SCM is removed, relocated or altered without prior approval.	Y or N	
E. OPERATION AND MAINTENANCE AGREEMENT	Y or N	
1. The O&M Agreement is referenced on the final recorded plat.	Y or N	
2. The O&M Agreement is recorded with the Register of Deeds and appears in the chain of title.	Y or N	
F. OPERATION AND MAINTENANCE PLAN – maintenance records are being kept in a known set location for each SCM and are available for review.	Y or N	

G. DESIGNER'S CERTIFICATION FORM – has been provided to the Division.	Y or N	
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Note 1- Acceptable records include ARC approvals, as-built surveys, and county tax records.

Provide an explanation for every requirement that was not met, and for every "N/A" below. Attach additional sheets as needed.

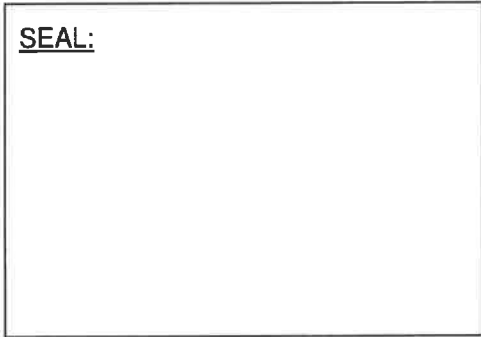
AS-BUILT DESIGNER'S CERTIFICATION GENERAL MDC

I hereby state that I am a licensed professional and I certify by my signature and seal below, that I have observed the construction of the project named above to the best of my abilities with all due care and diligence, and that the project meets the below listed General MDC found in NCAC 02H.1050 in accordance with the permit documents, plans and specifications on file with or provided to the Division, except as noted on the "AS-BUILT" drawings, such that the intent of the stormwater rules and statutes has been preserved.

- Check here if this is a partial certification. Section/phase/SCM #? _____
- Check here if this is a part of a Fast-Track As-Built Package Submittal per .1044(3).
- Check here if the designer did not observe the construction, but is certifying the project.
- Check here if pictures of the SCM are provided.

Printed Name _____ Signature _____

NC Registration Number _____ Date _____



Consultant's Mailing Address: _____
 City/State/ZIP _____
 Phone Number _____
 Consultant's Email address: _____

① Circle N if the as-built value differs from the Plan. If N is circled, provide an explanation on Page 2.
 ② N/E = not evaluated (provide explanation on page 2) ③ N/A = not applicable to this SCM or project.

Consultant's Certification NCAC .1003((3) & General MDC .1050	① As-built	② N/E	③ N/A
A. TREATMENT REQUIREMENTS			
1. The SCM achieves runoff treatment.	Y or N		
2. The SCM achieves runoff volume match.	Y or N		
3. Runoff from offsite areas and/or existing BUA is bypassed.	Y or N		
4. Runoff from offsite areas and/or existing BUA is directed into the permitted SCM and is accounted for at the full build-out potential.	Y or N		
5. The project controls runoff through an offsite permitted SCM that meets the requirements of the MDC.	Y or N		
6. The net area of new BUA increase for an existing project has been accounted for at the appropriate design storm level.	Y or N		
7. The SCM(s) meets all the specific minimum design criteria.	Y or N		
B. VEGETATED SETBACKS / BUA			
1. The width of the vegetated setback has been measured from the normal pool of impounded waters, the MHW line of tidal waters, or the top of bank of each side of rivers or streams.	Y or N		
2. The vegetated setback is maintained in grass or other vegetation.	Y or N		
3. BUA that meets the requirements of NCGS 143-214.7 (b2)(2) is located in the setback.	Y or N		

4. BUA that does not meet the requirements of NCGS 143-214.7 (b2)(2) is located within the setback and is limited to: a. Publicly funded linear projects (road, greenway sidewalk) b. Water-dependent structures c. Minimal footprint uses (utility poles, signs, security lighting and appurtenances)	Y or N		
5. Stormwater that is not treated in an SCM is released at the edge of the setback and allowed to flow through the setback as dispersed flow.	Y or N		
	①As-built	②N/E	③N/A
C. STORMWATER OUTLETS – the outlet handles the peak flow from the 10 year storm with no downslope erosion.	Y or N		
D. VARIATIONS			
1. A variation (alternative) from the stormwater rule provisions has been implemented.	Y or N		
2. The variation provides equal or better stormwater control and equal or better protection of surface waters.	Y or N		
E. COMPLIANCE WITH OTHER REGULATORY PROGRAMS has been met.	Y or N		
F. SIZING -the volume of the SCM takes the runoff from all surfaces into account and is sufficient to handle the required storm depth.	Y or N		
G. CONTAMINATED SOILS – infiltrating SCM's are not located in or on areas with contaminated soils.	Y or N		
H. SIDE SLOPES			
1. Vegetated side slopes are no steeper than 3H:1V.	Y or N		
2. Side slopes include retaining walls, gabion walls, or other surfaces that are steeper than 3H:1V.	Y or N		
3. Vegetated side slopes are steeper than 3H:1V (provide supporting documents for soils and vegetation).	Y or N		
I. EROSION PROTECTION			
1. The inlets do not cause erosion in the SCM.	Y or N		
2. The outlet does not cause erosion downslope of the discharge point during the peak flow from the 10 year storm.	Y or N		
J. EXCESS FLOWS – An overflow / bypass has been provided.	Y or N		
K. DEWATERING – A method to drawdown standing water has been provided to facilitate maintenance and inspection.	Y or N		
L. CLEANOUT AFTER CONSTRUCTION – the SCM has been cleaned out and converted to its approved design state.	Y or N		
M. MAINTENANCE ACCESS			
1. The SCM is accessible for maintenance and repair.	Y or N		
2. The access does not include lateral or incline slopes >3:1.	Y or N		
N. DESIGNER QUALIFICATIONS (FAST-TRACK PERMIT) – The designer is licensed under Chapters 89A, 89C, 89E, or 89F of the General Statutes.	Y or N		

Provide an explanation for every MDC that was not met, and for every item marked "N/A" or "N/E", below. Attach additional pages as needed:

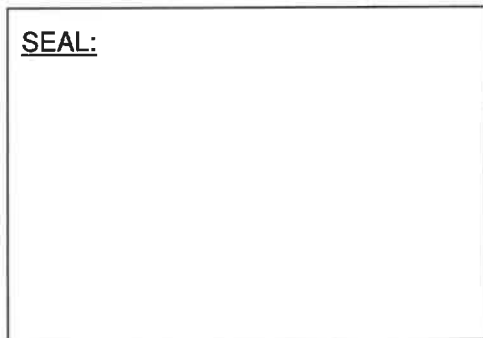
AS-BUILT DESIGNER'S CERTIFICATION FOR WET DETENTION POND PROJECT

I hereby state that I am a licensed professional and I certify by my signature and seal below, that I have observed the construction of the project named above to the best of my abilities with all due care and diligence, and that the project meets all of the MDC found in NCAC 02H.1053, in accordance with the permit documents, plans and specifications on file with or provided to the Division, except as noted on the "AS-BUILT" drawings, such that the intent of the stormwater rules and the general statutes has been preserved.

- Check here if this is a partial certification. Section/phase/SCM #? _____
- Check here if this is part of a Fast-Track As-Built Package Submittal per .1044(3).
- Check here if the Designer did not observe the construction, but is certifying the project.
- Check here if pictures of the SCM are provided.

Printed Name _____ Signature _____

NC Registration Number _____ Date _____



Consultant's Mailing Address: _____

 City/State/ZIP _____
 Phone Number _____
 Consultant's Email address: _____

① Circle N if the as-built value differs from the Plan/permit. If N is circled, provide an explanation on page 2
 ②N/E = not evaluated (provide explanation on page 2) ③N/A = not applicable to this project or SCM.
 This Certification must be completed in conjunction with the General MDC certification under NCAC 02H.1050

Consultant's Certification (MDC .1053)	①As-built	②N/E	③N/A
A. Forebay / Depths / Fountain			
1. The available Sediment storage is consistent with the approved plan and is a minimum of 6 in.	Y or N		
2. Water flow over the forebay berm into the main pond occurs at a non-erosive velocity.	Y or N		
3. The provided Forebay Volume is 15%-20% of the main pool volume.	Y or N		
4. The Forebay entrance elevation is deeper than the exit elevation into the pond.	Y or N		
5. The Average Design Depth of the main pond below the permanent pool elevation is consistent with the permitted value?	Y or N		
6. Fountain documentation is provided.	Y or N		
B. Side slopes / Banks / Vegetated Shelf			
1. The width of the Vegetated Shelf is consistent with the approved plans and is a minimum of 6 feet.	Y or N		
2. The slope of the Vegetated Shelf is consistent with the approved plans and is no steeper than 6:1.	Y or N		
C. As-built Main Pool / Areas / Volumes / Elevations			
1. The permanent pool surface area provided is consistent with the permitted value.	Y or N		
2. The Temporary Pool Volume provided is consistent with the permitted value.	Y or N		

3. The permanent pool elevation is consistent with the permitted value.	Y or N		
4. The temporary pool elevation is consistent with the permitted value.	Y or N		
	①As-built	②N/E	③N/A
D. Inlets / Outlet / Drawdown			
1. The design volume draws down in 2-5 days.	Y or N		
2. The size of the Orifice is consistent with the permitted value.	Y or N		
3. A trash rack is provided on the outlet structure.	Y or N		
4. Hydrologic impacts to the receiving channel are minimized from the 1 yr 24 hr storm discharge?	Y or N		
5. The inlets and the outlet location are situated per the approved plan and avoid short-circuiting.	Y or N		
E. Vegetation			
1. The vegetated shelf has been planted with a minimum of 3 diverse species.	Y or N		
2. The vegetated shelf plant density is consistent with the approved plans and is no less than 50 plants per 200 sf or no less than 24 inches on center.	Y or N		

Provide an explanation for every MDC that was not met, and for every item marked "N/A" or "N/E" below. Attach additional pages as needed:



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J.R. "JOEY" HOPKINS
SECRETARY

November 15, 2023

Mr. Guy Lampe Jr.
Turtle Run, LLC
225 Peedin Road
Smithfield, NC 27577

**SUBJECT: APPLICATION - DRIVEWAY ENTRANCES ONTO
US Highway 421 (East Jackson Boulevard) and SR 1889 (St. Matthews Road)
PERMIT NUMBER D062-043-23-00021
(Ample Storage – Erwin, NC – 404 East Jackson Boulevard)
ERWIN, NC - HARRNETT COUNTY**

To whom it may concern:

Please find attached for your file a copy of the Driveway Application, which has been properly executed. This Driveway Permit is approved subject to the provisions stated in the Permit Application Agreement and the following special provisions:

- **Driveway construction must be completed within one year after the approval date. This Driveway Permit becomes null and void after that time and the Applicant will be required to reapply for access. Consideration may be given for time extensions on a case by case basis.**
- An executed copy of the approved Driveway Permit, provisions and plans shall be present at the construction site at all times. If safety or traffic conditions warrant such an action, NCDOT reserves the right to further limit, restrict or suspend operations within the right of way.
- **Upon completion of the project, an executed North Carolina Department of Transportation Subdivision Road, Driveway Access and Encroachment Installation Certification Memo shall be returned to the District Engineer's office.**
- **Any change or alteration of the existing or proposed property use shall require a new Driveway Permit. Failure to secure required Permits prior to construction or change in property usage may result in the removal of the driveway at the expense of the Permittee.**
- **This approval and associated plans and supporting documents shall not be interpreted to allow any design change or change in the intent of the design by the Owner, Design Engineer, or any of their representatives. Any revisions or changes to these approved plans or intent for construction must be obtained in writing from the Division Engineer's office or their representative prior to construction or during construction, if an issue arises during construction to warrant changes. Changes noted in red on the plans and herein shall be incorporated into and made a part of the approved Permit.**

Mailing Address:
NC DEPARTMENT OF TRANSPORTATION
DIVISION SIX / DISTRICT TWO
POST OFFICE BOX 1150
FAYETTEVILLE, NC 28302

Telephone: (910) 364-0601
Fax: (910) 437-2529
Customer Service: 1-877-368-4968

Location:
600 SOUTHERN AVENUE
FAYETTEVILLE, NC 28306

Website: www.ncdot.gov

- All out parcels or excluded areas shall be served internally, with no additional access onto abutting roadways permitted. This condition should be conveyed in any buy, sell, lease, rent, or subdivision agreement.
- A qualified NCDOT inspector shall be on the site at all times during construction. The permittee (not the contractor) shall make arrangements to have a qualified inspector, under the supervision of a Professional Engineer registered in North Carolina, on site at all times during construction. This work includes, but is not limited to, culvert and drainage structure installation, roadway widening, grading work, pavement structure installation (subgrade, base, and pavement), and traffic marking and marker installation. Please note that the Permittee is also responsible for contacting Mr. Troy L. Baker, Senior Assistant District Engineer at (910) 364-0601 at least 24 hours prior to beginning construction and prior to "critical events," such as backfilling pipe, installing curb and gutter, and placing asphalt.
- Mr. Lee R. Hines, Jr. (Richie), PE, District Engineer, shall be notified in writing at 600 Southern Avenue, Fayetteville, NC 28306 upon completion of work associated with this Permit. The Permittee shall provide a signed and sealed letter along with an as-built drawing from a Professional Engineer certifying that the materials and construction associated with the Permit were in compliance with the approved plans, Permit, and the current NCDOT Standard Specifications and Standard Drawings. All testing results (asphalt, concrete, compaction, etc.), records (inspector daily diary reports, materials received reports, etc.) associated with the improvements required by this Driveway Permit shall be submitted to the District Engineer upon completion of the roadway improvements.
- Ingress and egress shall be maintained to all businesses and dwellings affected by the project. Special attention shall be paid to police, EMS and fire stations, fire hydrants, secondary schools, and hospitals.
- **Approval of the Driveway Permit does not constitute review or approval of subdivision streets for NCDOT maintenance.** If addition of subdivision streets to the State Maintenance System is desired, plans for review and a Petition for Addition shall be submitted to the District Engineer's office. For further information, contact Mr. Chris L. Jones Engineering Technician, at (910) 364-0601.
- All materials and construction shall be in accordance with NCDOT Standards and Specifications, including but not limited to, the latest NCDOT *Standard Specifications for Roads and Structures*, the latest NCDOT *Roadway Standards Drawings*, and *NCDOT Policies and Procedures for Accommodating Utilities on Highway Rights of Way*.
- The traveling public shall be warned of construction with complete and proper signing and traffic control devices in accordance with the current *Manual on Uniform Traffic Devices* (MUTCD). No work shall be performed in the right of way unless this requirement is satisfied. NCDOT reserves the right to require a written traffic control plan for encroachment operations. All contractor personnel will be required to wear a class II ANSI approved safety vest while working within DOT rights of way.
- NCDOT does not guarantee the right of way on this road, nor will it be responsible for any claim for damages brought by any property owner by reason of the installation. It is the responsibility of the permittee to verify the right of way. All right of way and easements necessary for construction and maintenance shall be dedicated to NCDOT and proof of dedication shall be furnished to the District Engineer prior to beginning work.
- No commercial advertising shall be allowed within NCDOT Right of Way.
- Two-way traffic shall be maintained at all times.

- **Traffic shall be maintained at all times. All lanes of traffic are to be open during the hours of 7:00 A.M. to 9:00 A.M. and from 4:00 P.M. to 6:00 P.M. Monday through Friday, during any time of inclement weather, or as directed by the District Engineer. No lane of traffic shall be closed on holidays, special events, or as directed by the engineer. Any violation of these hours will result in ceasing any further construction by the Encroaching Party or their contractor.**
- Work requiring lane or shoulder closures shall not be performed on both sides of the road simultaneously within the same area.
- Any work requiring equipment or personnel within 5 feet of the edge of any travel lane of an undivided facility and within 10 feet of the edge of any travel lane of a divided facility shall require a lane closure with appropriate tapers per current *NCDOT Roadway Standard Drawings* or *MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES*.
- NCDOT reserves the right to further limit, restrict, or suspend operations within the right of way if, in the opinion of NCDOT, safety or traffic conditions warrant such action.
- The Division Traffic Engineer shall be notified at (910) 364-0606 prior to beginning work on the right of way if there are existing NCDOT signs, traffic signals, or signal equipment in or near the proposed work zone. Costs to relocate, replace, or repair NCDOT signs, signals, or associated equipment shall be the responsibility of the Permittee. Furthermore, any revisions to existing traffic signals or the installation of any new traffic signals shall require a Signal Agreement between the Permittee and the NCDOT. Additional information concerning this subject can be obtained from the Division Traffic Engineer.
- **Excavation within 1000 feet of a signalized intersection will require notification by the encroaching party to the Division Traffic Engineer at telephone number (910) 364-0606 no less than one week prior to beginning work. All traffic signal or detection cables must be located prior to excavation. Cost to replace or repair NCDOT signs, signals, pavement markings or associated equipment and facilities shall be the responsibility of the encroaching party**
- When surface area in excess of one acre will be disturbed, the Permittee shall submit a Sediment and Erosion Control Plan which has been approved by the appropriate regulatory agency or authority prior to beginning any work on the right of way. Failure to provide this information shall be grounds for suspension of operations. Proper temporary and permanent measures shall be used to control erosion and sedimentation in accordance with the approved sediment and erosion control plan.
- The Verification of Compliance with Environmental Regulations (VCER-1) form is required for all driveway permits when land disturbance within NCDOT right of way exceeds 1 acre. The VCER-1 form must be PE sealed by a NC registered professional engineer who has verified that all appropriate environmental permits (if applicable) have been obtained and all applicable environmental regulations have been followed.
- All erosion control devices and measures shall be constructed, installed, maintained, and removed by the Encroacher in accordance with all applicable Federal, State, and Local laws, regulations, ordinances, and policies. Permanent vegetation shall be established on all disturbed areas in accordance with the recommendations of the Division Roadside Environmental Engineer. All areas disturbed (shoulders, ditches, removed accesses, etc.) shall be graded and seeded in accordance with the latest *NCDOT Standards Specifications for Roads and Structures* and within 15 calendar days with an approved NCDOT seed mixture (all lawn type areas shall be maintained and reseeded as such). Seeding rates per acre shall be applied according to the Division Roadside Environmental Engineer. Any plant or vegetation in the NCDOT planted sites that is destroyed or damaged as a result of this encroachment shall be replaced with plants of like kind or similar shape.

- No trees within NCDOT shall be cut without authorization from the Division Roadside Environmental Engineer. An inventory of trees measuring greater than 4 caliper inches (measured 6" above the ground) is required when trees within C/A right of way will be impacted by the encroachment installation. Mitigation is required and will be determined by the Division Roadside Environmental Engineer's Office.
- It shall be the responsibility of the Permittee to determine the location of other utilities within the work zone. The Permittee shall be responsible for notifying other utility owners and providing protection and safeguards to prevent damage or interruption to existing facilities and to maintain accessibility to existing utilities.
- The contractor shall not begin the construction until after the traffic control and erosion control devices have been installed to the satisfaction of the Division Engineer or their agent.
- A clear recovery area should be preserved along the highway travel way. The clear recovery area is the area between the travel way and any hazardous fixed object, such as utility poles, monuments, markers, or trees. Refer to AASHTO Roadside Design Guide for specific dimensions.
- Curb cuts and ramps for handicapped persons shall be constructed in accordance with the current NCDOT "Standard for Wheelchair Ramp Curb Cuts" and the Americans with Disabilities Act (ADA) Accessibility Guidelines for Buildings and Facilities.
- Access granted under this permit shall remain closed (i.e. barricaded) to all traffic until all requirements relating to traffic control and signalization have been satisfied.
- Any proposed landscaping or landscape plantings shall be approved by the Division Engineer under an NCDOT Planting Permit. For further information, please contact the Division Roadside Environmental Engineer, at (910) 364-0603.
- The permittee and/or their contractor shall comply with all OSHA requirements. If OSHA visits the work area associated with this encroachment, the District Office shall be notified by the permittee immediately if any violations are cited.
- All disturbed areas are to be fully restored to current NCDOT minimum roadway standards or as directed by the Division Engineer or their representative. Disturbed areas within NCDOT Right-of-Way include, but not limited to, any excavation areas, pavement removal, drainage or other features.
- Pre-cast concrete manholes, catch basins, or other drainage structures shall be pre-approved by NCDOT for use within highway rights of way.
- Manhole rings and covers, valve covers, and storm drainage grates and frames shall be traffic bearing types approved by NCDOT for use within highway Rights of Way.
- The permittee shall notify the District Engineer or their representative immediately in the event any drainage structure is blocked, disturbed or damaged. All drainage structures disturbed, damaged or blocked shall be restored to its original condition as directed by the District Engineer or their representative.
- Unless specified otherwise, during non-working hours, equipment shall be located away from the job site or parked as close to the right of way line as possible and be properly barricaded in order not to have any equipment obstruction within the Clear Recovery Area. Also, during non-working hours, no parking or material storage shall be allowed along the shoulders of any state-maintained roadway.
- No access to the job site, parking or material storage shall be allowed along or from the **Control of Access Roadway**.

- Guardrail removed or damaged during construction shall be replaced or repaired to its original condition, meeting current NCDOT standards or as directed by the Division Engineer or their representative.
- Right of Way monuments disturbed during construction shall be referenced by a registered Land Surveyor and reset after construction.
- All driveways disturbed during construction shall be returned to a state comparable with the condition of the driveways prior to construction.
- If the approved method of construction is unsuccessful and other means are required, prior approval must be obtained through the District Engineer before construction may continue.
- **The drainage system along US Highway 421 (East Jackson Street) and SR 1889 (St. Matthews Road) shall be designed in accordance with the attached plans and the NCDOT Hydraulics unit's guidelines.**
- **Pipe diameter and length shall be installed in accordance with the approved plans and shall be inspected for proper installation prior to backfilling. Contact the Harnett County Maintenance Engineer, at (910) 893-4020 for inspection. Please provide at least 24 hours advance notice for inspection.**
- Any Flared End Section shall be constructed in accordance with Division 3 of the latest NCDOT *Standard Specifications for Roads and Structures* and Amendments or Supplementals thereto and shall bear the stamp of approval by the NCDOT Materials and Tests Unit and Standard Drawing numbers 310.02 and/or 310.03 of the NCDOT *Roadway Standards Drawings* or as directed by the engineer. All concrete testing results shall be provided to the District Engineer's office at time of project completion.
- All concrete end walls shall be installed in accordance with Section 838 of the NCDOT *Standard Specifications for Roads and Structures* and Standard Drawing numbers 838.01 of the NCDOT *Roadway Standards Drawings* or as directed by the engineer.
- Trenching, bore pits and/or other excavations shall not be left overnight. The contractor shall comply with all OSHA requirements and provide a competent person on site to supervise excavation at all times.
- Excavated areas adjacent to pavement having more than a 2" drop shall be safed up at a 6:1 or flatter slope and designated by appropriate delineation during periods of inactivity, including, but not limited to, night and weekend hours. Excavated material shall not be placed on the roadway at any time.
- It is the responsibility of the permittee or their contractor to prevent any mud/dirt from tracking onto the roadway. Any dirt which may collect on the roadway pavement from equipment and/or truck traffic on site shall be immediately removed to avoid any unsafe traffic conditions.
- All material to a depth of 8 inches below the finished surface of the subgrade shall be compacted to a density equal to at least 100% of that obtained by compacting a sample of the material in accordance with AASHTO T99 as modified by the Department. The subgrade shall be compacted at a moisture content which is approximately that required to produce the maximum density indicated by the above test method. The contractor shall dry or add moisture to the subgrade when required to provide a uniformly compacted and acceptable subgrade. The option to backfill any trenches with dirt or either #57 stone or #78 stone with consolidation with a plate tamp and without a conventional density test may be pursued with the written consent of the District Engineer. If this option is exercised, then roadway ABC stone and asphalt repair as required will also be specified by the District Engineer.

- **The proposed driveways shall be paved fifty (50) feet down the centerline of the driveway alignment as measured from the edge of existing pavement as shown on the attached plans.**
- The required widening is to reduce the potential for rear end collisions and accidents at the entrance to xxxxx. site with the amount of traffic that the site will generate added to the traffic on xxxxx. Studies have shown that without the presence of adequate turn lanes and tapers the potential for rear end type crashes are dramatically increased at business and commercial roadside developments. This translates into a higher accident potential for both the traveling public, as well as, for customers of the site, too. These improvements also preserve roadway capacity and the useful life of the road; decreases travel time and congestion, as well as, improve access to properties.
- **The pavement design within the right of way of US Highway 421 (East Jackson Boulevard) shall be as follows:**
 - **5.0” of ACBC type B 25.0 C at an average rate of 684 lbs/sy.**
 - **3.0” of ACIC type I 19.0 C at an average rate of 456 lbs/sy.**
 - **2.0” of ACSC type S 9.5 C at an average rate of 168 lbs/sy in each of two (2) layers**
- **The pavement design within the right of way of SR 1889 (St. Matthews Road) shall be as follows:**
 - **4.0” of ACBC type B 25.0 C at an average rate of 684 lbs/sy.**
 - **3.0” of ACSC type S 9.5 C at an average rate of 168 lbs/sy in each of two (2) layers**
- The developer is required to mill a two (2) foot strip (“lap joint”) at a depth of 1.5” along the entire length of the widened area along xxxxxx beginning at the taper and ending at the radii termination point of the egress lane of the proposed driveway as shown on the plans.
- **A certified pavement structure report, signed by a Professional Engineer, shall be submitted to the District Engineer’s office and shall indicate the following:**
 - **Pavement thickness by type**
 - **Base thickness**
 - **Base density**
 - **Subgrade density**
 - **Core and/or test locations**

Test frequency and method shall be in conformance with the NCDOT “Materials and Tests” Manual. A letter of approval, or recommendations for compliance, will be provided upon receipt and review of the report.

- A 1/4-inch per foot pavement slope, based on the existing centerline in tangent sections, is required. In addition, a smooth transition must be maintained along areas of super-elevation. The proposed widening may necessitate wedging or resurfacing one half of the existing roadway to accomplish this requirement. **Widened areas less than 6 foot wide shall utilize a full depth asphalt pavement design. Widening is measured from the edge of existing pavement.**
- The roadway improvements (turn lanes) shall follow the crown or super of the existing roadways and/or as approved by the project design team as shown on the attached plans.
- **The entrance grade shall be constructed in accordance with Figure 16 (attached).**

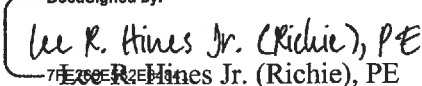
- Any pavement damaged because of settlement of the pavement or damaged by equipment used to perform Driveway Permit work, shall be re-surfaced to the satisfaction of the District Engineer. This may include the removal of pavement and a mechanical overlay. All pavement work and pavement markings (temporary and final) are the responsibility of the permittee.
- All 30" curb and gutter and 36" shoulder berm gutter shall be installed in accordance with Division 8 and Section 846 of the NCDOT *Standard Specifications for Roads and Structures* and Standard Drawing numbers 846.01 of the NCDOT *Roadway Standards Drawings* or as directed by the engineer. All concrete testing results shall be provided to the District Engineer's office at time of project completion.
- Sidewalks and/or bus stops are not approved as a part of this Driveway Permit. A separate three party (RW 16.6) encroachment agreement review and approval shall be required before any sidewalk and/or bus stops are constructed within the right of way of xxxxxx.
- All woven wire fencing and associated appurtenances shall be installed in accordance with Division 8 and Section 866 of the NCDOT *Standard Specifications for Roads and Structures* and Standard Drawing numbers 866.01 and 866.02 of the NCDOT *Roadway Standards Drawings* or as directed by the engineer.
- The permittee shall notify the District Engineer's office within 2 business days after construction is complete. The District Engineer may perform a construction inspection. Any deficiencies may be noted and reported to the permittee to make immediate repairs or resolve any issues to restore the right-of-way to a similar condition prior to construction, including pavement, signage, traffic signals, pavement markings, drainage, structures/pipes, or other highway design features.
- At the discretion of the District Engineer, a final inspection report may be provided to the encroaching party upon satisfactory completion of the work.

Pavement Markings, Markers and Signing

- The Permittee shall be responsible for the removal, relocation, and / or installation of all pavement markings and NCDOT signs within the limits affected by the development. Pavement marking and signing plans shall be submitted to the District Engineer for approval prior to the installation of any signs and/or pavement markings.
- The Permittee has been approved to use NCDOT approved thermoplastic pavement markings in accordance with Division 12 and Section 866 of the NCDOT *Standard Specifications for Roads and Structures* and Standard Drawing numbers 1205.01 and 1205.08 of the NCDOT *Roadway Standards Drawings* or as directed by the engineer for all pavement markings (edge lines, lane lines and centerlines) on xxxxxx (The use of waterborne paint or thermoplastic pavement markings is to be determined according to the location of the site and AADT of the roadway).
- Pavement marking and marker changes shall be accomplished by completely covering the lines by means of asphalt overlaying or by an approved method of grinding. **In no case shall the application of liquid asphalt "tack" be accepted as an approved method for covering pavement markings.** Any pavement markings that are damaged or obliterated shall be restored by the encroaching party at no expense to NCDOT.
- All work performed under this section shall meet standards outlined in the current *Manual on Uniform Traffic Control Devices* (MUTCD) published by the Federal Highway Administration, NCDOT Supplement to the MUTCD, and the latest NCDOT *Roadway Standard Drawings*.

- The pavement marking contractor is required to have at least one member of every pavement marking crew that is working on the project, preferably the Crew Supervisor, be certified through the NCDOT Pavement Marking Technician Certification Process. For more information please contact the Work Zone Traffic Control Unit at (919) 773-2800 or <http://www.ncdot.org/doh/preconstruct/wztc/>".
- Prior to installing pavement markings, please contact the Division Traffic Engineer at (910) 364-0606 with the NCDOT Division Six Traffic Services Unit to review the proposed pavement-marking layout. This notification should take place a minimum of 48 hours in advance of the pavement marking installation.
- Failure to contact the Traffic Services Unit to review the pavement-marking layout prior to installation may result in the removal and reinstallation of the markings at the expense of the Permittee.

If further information or assistance is needed in reference to this project, please feel free to call Mr. Lee R. Hines, Jr. (Richie), PE, District Engineer at (910) 364-0601.

Sincerely,
DocuSigned by:

 Lee R. Hines Jr. (Richie), PE
 District Engineer

DS
 TBS

LRH:tbs

cc: <https://connect.ncdot.gov/site/files/drivewaypermit/Harnett/Forms/AllItems.aspx>

APPLICATION IDENTIFICATION		N.C. DEPARTMENT OF TRANSPORTATION STREET AND DRIVEWAY ACCESS PERMIT APPLICATION
Driveway Permit No. D062-043-23-00021	Date of Application 10/24/2022	
County: Harnett		
Development Name: Ample Storage - Erwin		

LOCATION OF PROPERTY:

Route/Road: US HIGHWAY 421 (E. JACKSON BLVD.) and SR-1889 (ST. MATTHEWS ROAD)

Exact Distance Miles N S E W
 Feet

From the Intersection of Route No. SR-1889 and Route No. US HWY 421 Toward ERWIN, NC

Property Will Be Used For: Residential /Subdivision Commercial Educational Facilities TND Emergency Services Other
Property: is is not within Town of Erwin City Zoning Area.

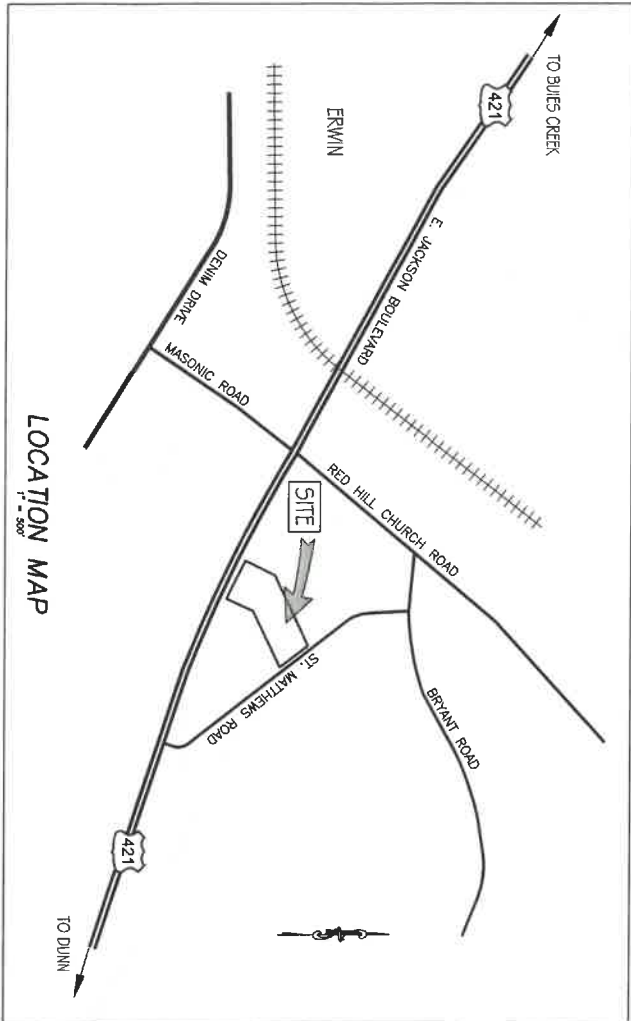
AGREEMENT

- I, the undersigned property owner, request access and permission to construct driveway(s) or street(s) on public right-of-way at the above location.
- I agree to construct and maintain driveway(s) or street entrance(s) in absolute conformance with the current "Policy on Street and Driveway Access to North Carolina Highways" as adopted by the North Carolina Department of Transportation.
- I agree that no signs or objects will be placed on or over the public right-of-way other than those approved by NCDOT.
- I agree that the driveway(s) or street(s) will be constructed as shown on the attached plans.
- I agree that that driveway(s) or street(s) as used in this agreement include any approach tapers, storage lanes or speed change lanes as deemed necessary.
- I agree that if any future improvements to the roadway become necessary, the portion of driveway(s) or street(s) located on public right-of-way will be considered the property of the North Carolina Department of Transportation, and I will not be entitled to reimbursement or have any claim for present expenditures for driveway or street construction.
- I agree that this permit becomes void if construction of driveway(s) or street(s) is not completed within the time specified by the "Policy on Street and Driveway Access to North Carolina Highways".
- I agree to pay a \$50 construction inspection fee. Make checks payable to NCDOT. This fee will be reimbursed if application is denied.
- I agree to construct and maintain the driveway(s) or street(s) in a safe manner so as not to interfere with or endanger the public travel.
- I agree to provide during and following construction proper signs, signal lights, flaggers and other warning devices for the protection of traffic in conformance with the current "Manual on Uniform Traffic Control Devices for Streets and Highways" and Amendments or Supplements thereto. Information as to the above rules and regulations may be obtained from the District Engineer.
- I agree to indemnify and save harmless the North Carolina Department of Transportation from all damages and claims for damage that may arise by reason of this construction.
- I agree that the North Carolina Department of Transportation will assume no responsibility for any damages that may be caused to such facilities, within the highway right-of-way limits, in carrying out its construction.
- I agree to provide a Performance and Indemnity Bond in the amount specified by the Division of Highways for any construction proposed on the State Highway system.
- The granting of this permit is subject to the regulatory powers of the NC Department of Transportation as provided by law and as set forth in the N.C. Policy on Driveways and shall not be construed as a contract access point.
- I agree that the entire cost of constructing and maintaining an approved private street or driveway access connection and conditions of this permit will be borne by the property owner, the applicant, and their grantees, successors, and assignees.
- **I AGREE TO NOTIFY THE DISTRICT ENGINEER WHEN THE PROPOSED WORK BEGINS AND WHEN IT IS COMPLETED.**

CONSTRUCTION DRAWINGS FOR



404 E. JACKSON BOULEVARD
ERWIN, HARNETT COUNTY, NC
CAPE FEAR RIVER BASIN



INDEX TO DRAWINGS

SHEET NO.	DESCRIPTION	DRAWING NO.
1 OF 16	COVER SHEET & LOCATION MAP	C10
2 OF 16	EXISTING CONDITIONS & DEMOLITION PLAN	C11
3 OF 16	OVERALL SITE PLAN	C12
4 OF 16	FOUNDATIONS & FOUNDATION PLAN - GENERAL	C13
5 OF 16	FOUNDATIONS & FOUNDATION PLAN - EXISTING STRUCTURE PLAN	C14
6 OF 16	FOUNDATIONS & FOUNDATION PLAN - NEW FOUNDATION - DETAILS	C15
7 OF 16	FOUNDATIONS & FOUNDATION PLAN - MAIN FLOOR PLAN - SECTIONS	C16
8 OF 16	FOUNDATIONS & FOUNDATION PLAN - MAIN FLOOR PLAN - SECTIONS	C17
9 OF 16	FOUNDATION & FOUNDATION PLAN - STAGES 1	C18
10 OF 16	FOUNDATION & FOUNDATION PLAN - STAGES 2	C19
11 OF 16	FOUNDATION & FOUNDATION PLAN - STAGES 3	C20
12 OF 16	FOUNDATION & FOUNDATION PLAN - STAGES 4	C21
13 OF 16	FOUNDATION & FOUNDATION PLAN - STAGES 5	C22
14 OF 16	UTILITY PLAN - STANDARD DETAILS	C23
15 OF 16	UTILITY PLAN - UTILITY NOTES	C24
16 OF 16	UTILITY PLAN - UTILITY NOTES	C25

UTILITY SERVICE WILL BE PROVIDED BY:
HARNETT REGIONAL WATER

WATER & SEWER DEMANDS:
 - NO SW
 - 20 BPD
 PROJECT NO. 1400000

PLAN NOTES:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPLICABLE AGENCIES AND AGENCIES TO COMPLETE THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPLICABLE AGENCIES AND AGENCIES TO COMPLETE THE WORK.
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15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPLICABLE AGENCIES AND AGENCIES TO COMPLETE THE WORK.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPLICABLE AGENCIES AND AGENCIES TO COMPLETE THE WORK.

CSD ENGINEERING
 LICENSE # 1-2710
 LAND SURVEYING
 COMMERCIAL / RESIDENTIAL
 P.O. BOX 1530
 HARNETT, NC 28531
 (910) 281-4441

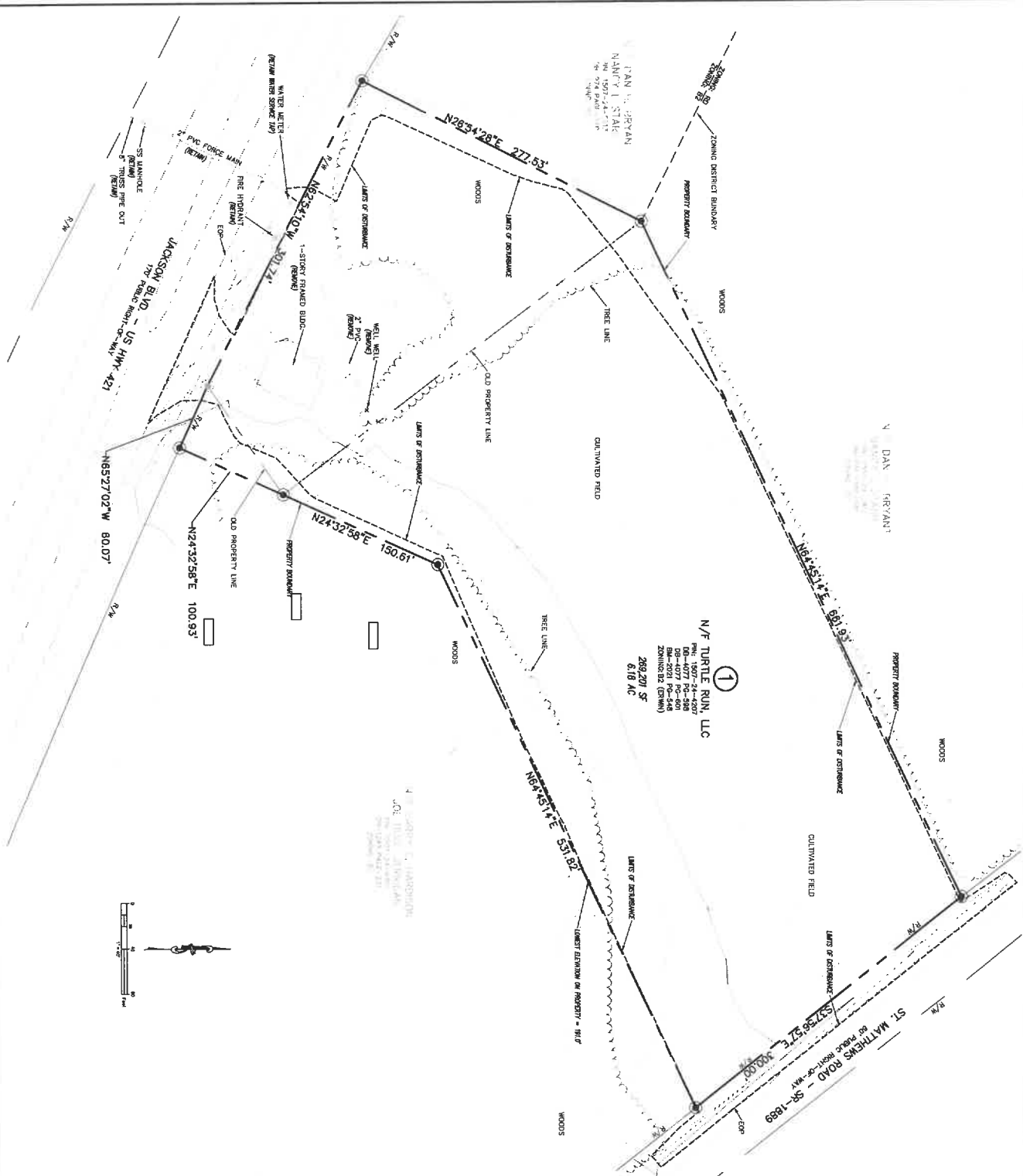
COVER SHEET
 LOCATION MAP

CONSTRUCTION DRAWINGS FOR
AMPLE STORAGE
 LOCATED IN FORM OF BOND
 607 LAMPE - MANAGER
 816 S. MAIN ST.
 SHARPEVILLE, NC 27577
 (910) 854-2641
 CONTACT: TERRY MC DONOUGH - PM (910) 870-2884

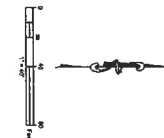


REV. NO.	REMARKS	BY	DATE

DATE: 11/16/2023
 DRAWN BY: JDP
 CHECKED BY: JDP
 PROJECT NO.: 24-0280
C10



N/F TURTLE RUN, LLC
 1
 P/N: 1007-24-4507
 D8-4077 P-6-598
 D8-2071 P-6-548
 ZONING B2 (GEN) 289,201 SF
 6.18 AC



EXISTING CONDITION & DEMOLITION NOTES

1. THIS PLAN IS NOT THE CONFORMANCE OR BASIS FOR ANY WARRANTY OR LIABILITY OF THE ENGINEER OR ARCHITECT.
2. THE ENGINEER HAS CONDUCTED VISUAL INSPECTIONS OF THE PROPERTY AND HAS FOUND NO HAZARDOUS MATERIALS OR ASBESTOS.
3. THE ENGINEER HAS CONDUCTED VISUAL INSPECTIONS OF THE PROPERTY AND HAS FOUND NO HAZARDOUS MATERIALS OR ASBESTOS.
4. THE ENGINEER HAS CONDUCTED VISUAL INSPECTIONS OF THE PROPERTY AND HAS FOUND NO HAZARDOUS MATERIALS OR ASBESTOS.
5. THE ENGINEER HAS CONDUCTED VISUAL INSPECTIONS OF THE PROPERTY AND HAS FOUND NO HAZARDOUS MATERIALS OR ASBESTOS.
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7. THE ENGINEER HAS CONDUCTED VISUAL INSPECTIONS OF THE PROPERTY AND HAS FOUND NO HAZARDOUS MATERIALS OR ASBESTOS.
8. THE ENGINEER HAS CONDUCTED VISUAL INSPECTIONS OF THE PROPERTY AND HAS FOUND NO HAZARDOUS MATERIALS OR ASBESTOS.
9. THE ENGINEER HAS CONDUCTED VISUAL INSPECTIONS OF THE PROPERTY AND HAS FOUND NO HAZARDOUS MATERIALS OR ASBESTOS.
10. THE ENGINEER HAS CONDUCTED VISUAL INSPECTIONS OF THE PROPERTY AND HAS FOUND NO HAZARDOUS MATERIALS OR ASBESTOS.

REV. NO.	REMARKS	BY	DATE



CONSTRUCTION DRAWINGS FOR
AMPLE STORAGE
 LOCATED IN TOWN OF EPHRATA
 HUNTERY COUNTY, NORTH CAROLINA
 LAND OWNER: TURTLE RUN, LLC
 CONTACT: KEVIN SAMPSON, MANAGER
 P.O. BOX 802
 107 S. MAIN ST. EPHRATA, NC 27527
 (919) 834-2041
 (919) 834-2041
 BERRY WEBB ENGINEERING - P/E (TEL) 919-670-2040

EXISTING CONDITIONS
DEMOLITION PLAN

S
ESD
 ENGINEERING
 1000 S. MAIN ST.
 RENO, NV 89501
 P.O. BOX 1250
 WENDELL, NC 27591
 (703) 591-4444



ESD ENGINEERING
 LICENSE # C-2770
 ENGINEERING
 COMMERCIAL / RESIDENTIAL
 P.O. BOX 1555
 WAREHO, NC 27887
 (601) 651-4441

LANDSCAPE PLAN

SITE & WET POND LANDSCAPING

MAPLE STORAGE
 CONSTRUCTION PHASES FOR
 LOCATED IN TOWN OF TOWN
 (NORTH COUNTY, NORTH CAROLINA)
 CONTACT:
 LAND ORDER: MAPLE STA. LLC
 215 W. MAIN ST. # 200
 WAREHO, NC 27887
 CONTACT:
 BERRY BENTON - PM
 1000-030-3044

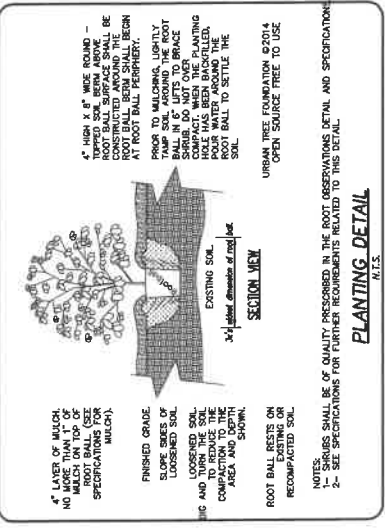


REV. NO.	DATE	REMARKS

DATE: 11/29/2023
 DRAWN BY: JSD
 CHECKED BY: JSD
 PROJECT NO.: 21-008D
 SHEET NO.: 12 OF 18

LANDSCAPE PLAN LEGEND:

	PROPOSED CHERRY TREE (METAL ONE)
	PROPOSED UNDERSTORY TREE (OAK HILLY)
	PROPOSED SHRUB (ABELIA)
	PROPOSED SHRUB (JAPANESE ANEMONE)

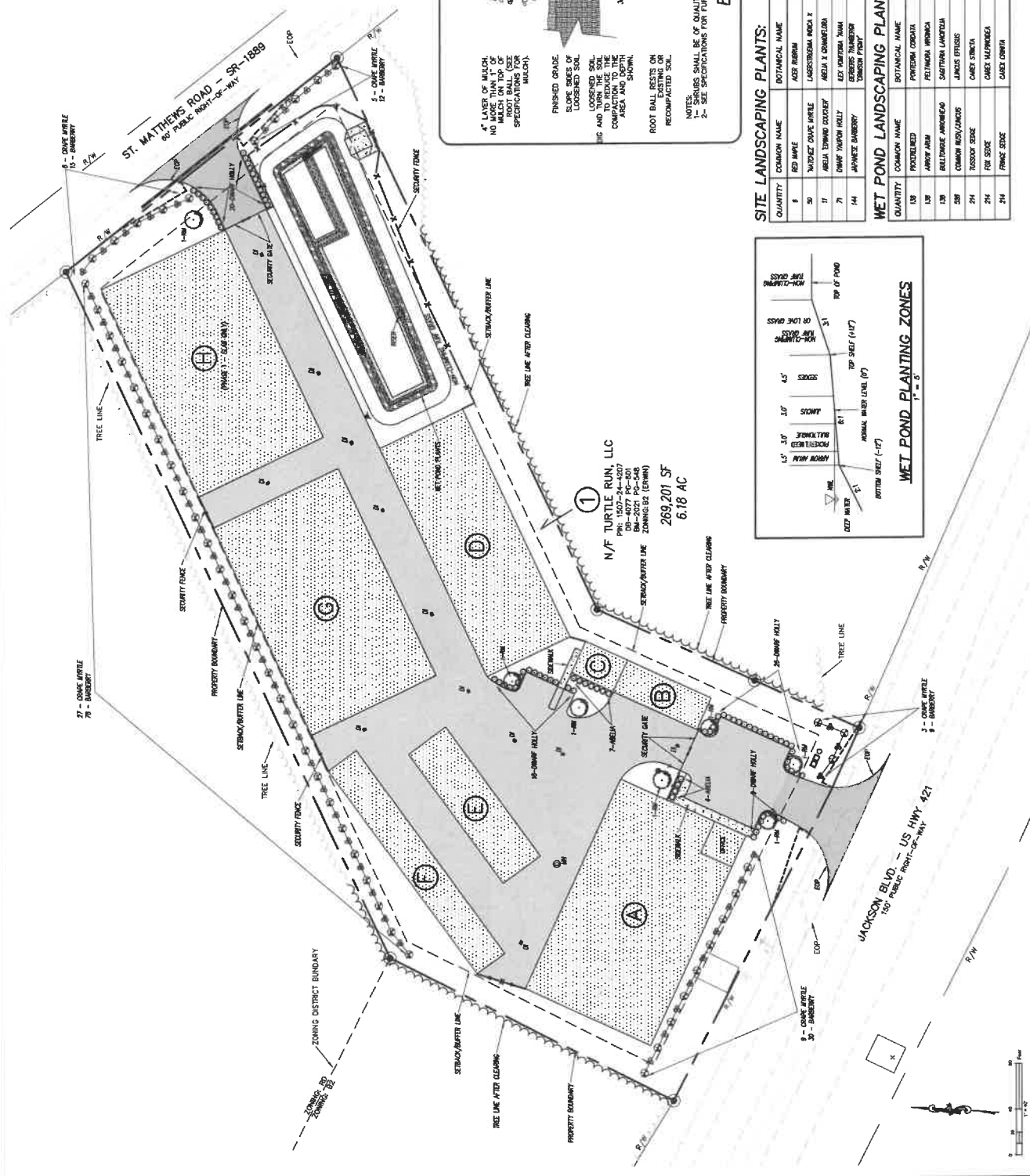


SITE LANDSCAPING PLANTS:

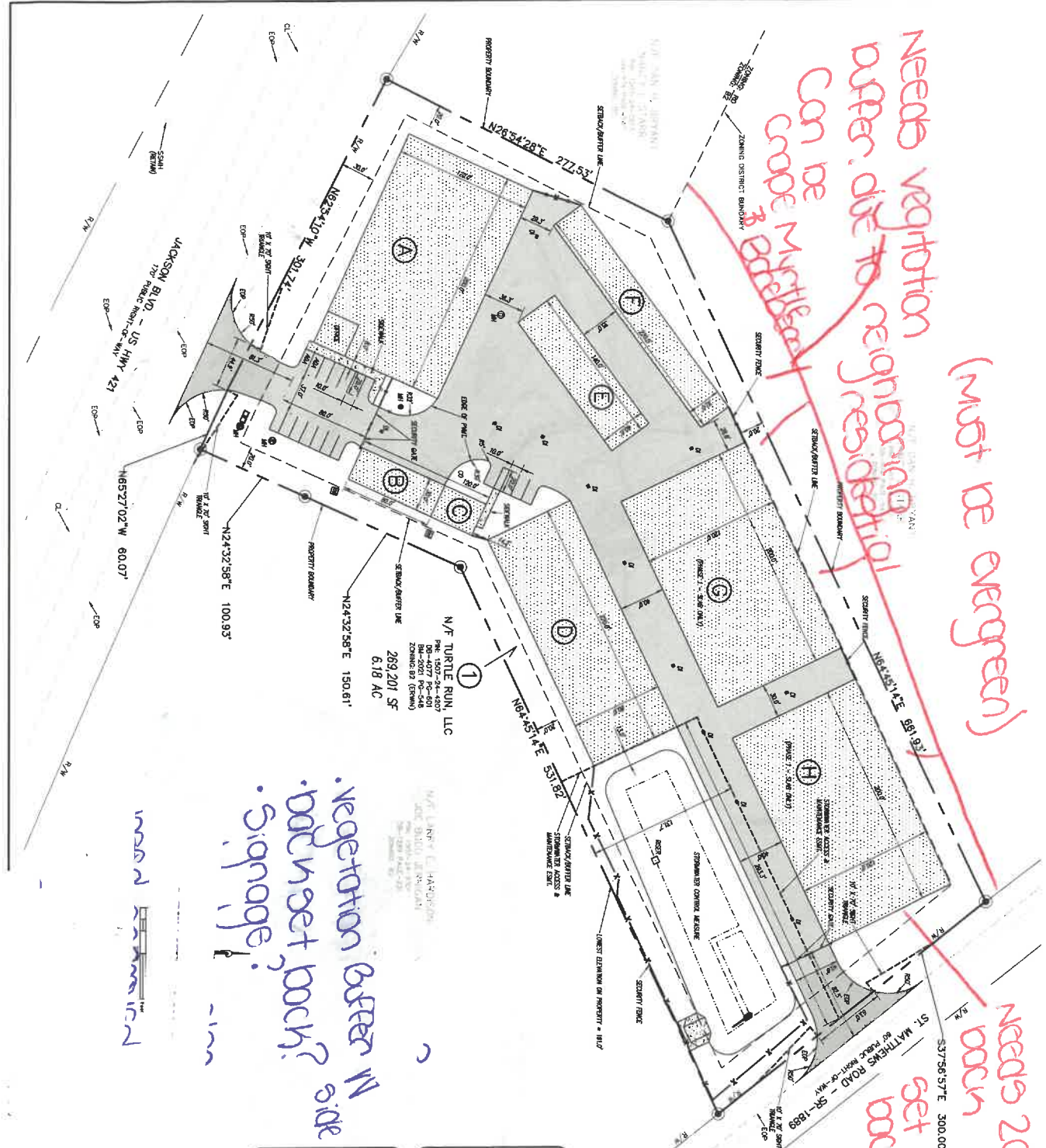
QUANTITY	COMMON NAME	BOTANICAL NAME	MIN. HT. AT PLANTING	CALIPER	ROOT
9	RED MAPLE	AZER NERAM	8 FT.	MIN. 1.5"	15 GAL CONTAINER OR BALLED/UNPLANTED
50	NORFOLK OAK HILLY	LAEGESTROMA WOODA X	8 FT.	MIN. 2.0"	15 GAL CONTAINER OR BALLED/UNPLANTED
11	ABELIA TAMPON SOCIETY	ABELIA X CHAMELON	2.0 FT.		3 GAL CONTAINER
7	JAPANESE ANEMONE	ANEMONE JAPANESE	1.5 FT.		3 GAL CONTAINER
144	CHERRY TREE	CERASUS FRUTICA	1.5 FT.		3 GAL CONTAINER

WET POND LANDSCAPING PLANTS:

QUANTITY	COMMON NAME	BOTANICAL NAME	HT. @ PLANTING	LOCATION/LENDING	ROOT	AREA
100	PROSLATED	PROSLATA	- 0 to -4"	WET BED, BELOW W/L	1.875 x 275 PLUG	1,008 SQ. FT.
100	AMOR CANO	AMOR CANO	- 0 to -12"	WET BED, BELOW W/L	1.875 x 275 PLUG	1,008 SQ. FT.
138	BALTIMORE ANEMONE	SANTALINA LANTAZIA	- 2 to -4"	WET BED, BELOW W/L	1.875 x 275 PLUG	2,112 SQ. FT.
588	COMMON BUSH/ANEMONE	JAPANESE ANEMONE	- 3 to -4"	WET BED, ABOVE W/L	1.875 x 275 PLUG	2,112 SQ. FT.
214	TROPIC EDGE	CAREX STRICTA	4.5 to 11.5"	WET BED, ABOVE W/L	1.875 x 275 PLUG	2,112 SQ. FT.
214	FRANCE EDGE	CAREX HETEROPHYLLA	4.5 to 11.5"	WET BED, ABOVE W/L	1.875 x 275 PLUG	2,112 SQ. FT.
214	FRANCE EDGE	CAREX OBLATA	4.5 to 11.5"	WET BED, ABOVE W/L	1.875 x 275 PLUG	2,112 SQ. FT.



Needs vegetation buffer, due to neighboring residential
 Can be scope material
 (must be evergreen)



Vegetation buffer in back? side
 Signage?

Needs 20ft back
 Set back

SITE DATA TABLE

OWNER	WALTER REAL LLC
DESIGNER	STANLEY B. JONES
DATE	11/16/2023
PROJECT NO.	21-0580
SHEET NO.	1
TOTAL SHEETS	1
SCALE	AS SHOWN
DATE	11/16/2023
DRAWN BY	JTO
CHECKED BY	MSB
PROJECT NO.	21-0580
SHEET NO.	1
TOTAL SHEETS	1
SCALE	AS SHOWN

LOT COVERAGE (IMPERVIOUS)

COMBINED IMPERV. AREA	269,201 SF (8.8 AC)
ALLOWED LOT COVERAGE	75,000 SF (2.15 AC)
EXCESS IMPERV. AREA	194,201 SF (5.65 AC)
EXCESS IMPERV. PERCENT	71.4%
EXCESS IMPERV. PER FOOTPRINT	4.8 FT

DRIVEWAY APPROX PAVEMENT DESIGN
 (NTS)

DRIVEWAY APPROX PAVEMENT DESIGN
 (NTS)

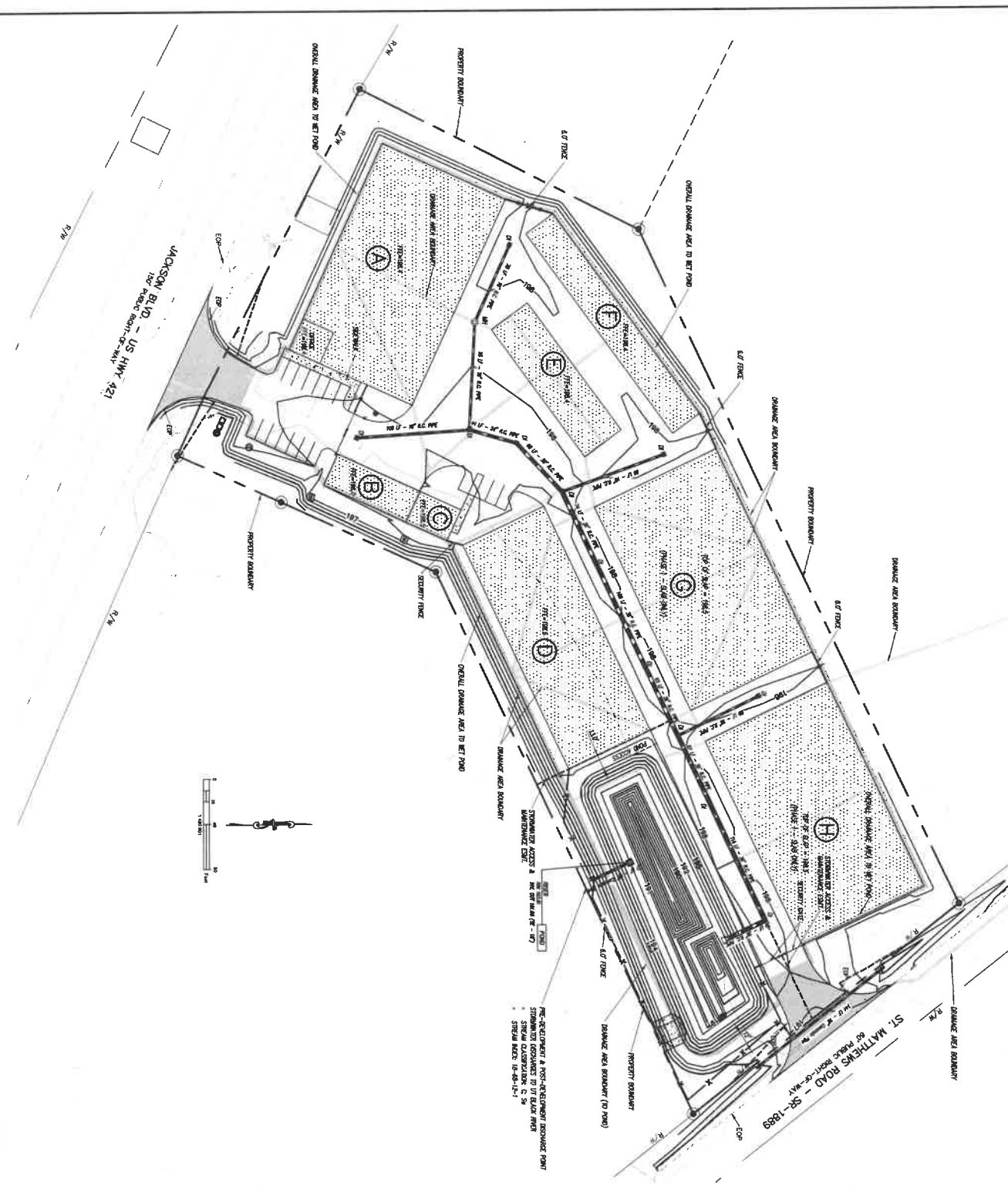
CONSTRUCTION DRAWINGS FOR AMPLE STORAGE
 LOCATED IN THE TOWN OF GREEN HAWK COUNTY, NORTH CAROLINA

LAND OWNER: TURTLE RUN, LLC
 CONTACT: 507 LAKEVIEW DRIVE, GREEN HAWK COUNTY, NC 27837
 (800) 834-3047
 DESIGNER: STANLEY B. JONES, INC. (SBI) 1107 S. HARRISON AVENUE, GREEN HAWK COUNTY, NC 27837
 (800) 870-2864

ENGINEERING
 CSD
 LICENSE # C-2270
 LAND PLANNING
 COMMERCIAL / RESIDENTIAL
 P.O. BOX 1290
 WASHINGTON, NC 27581
 (919) 251-4431

SITE PLAN
 OVERALL SITE PLAN

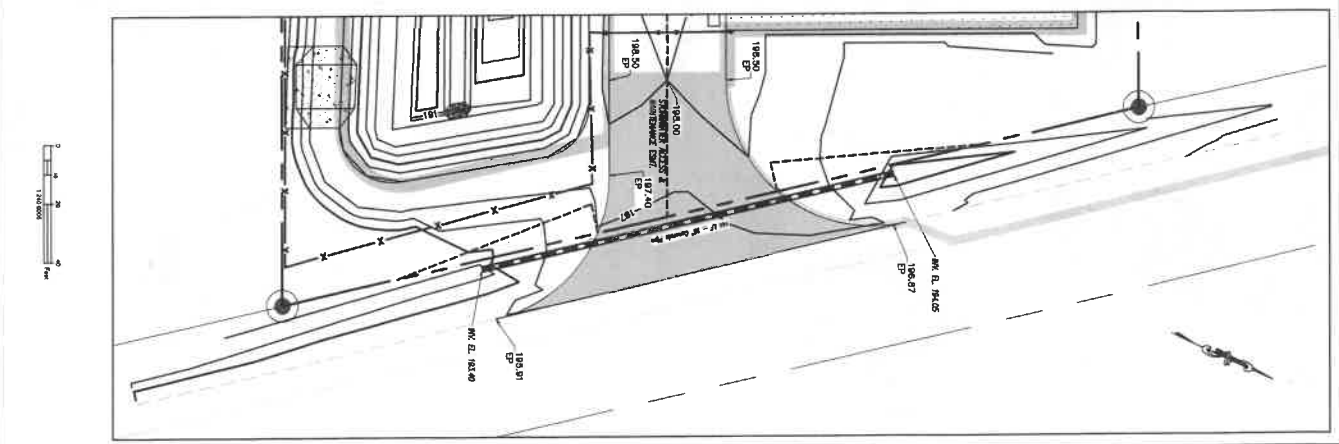
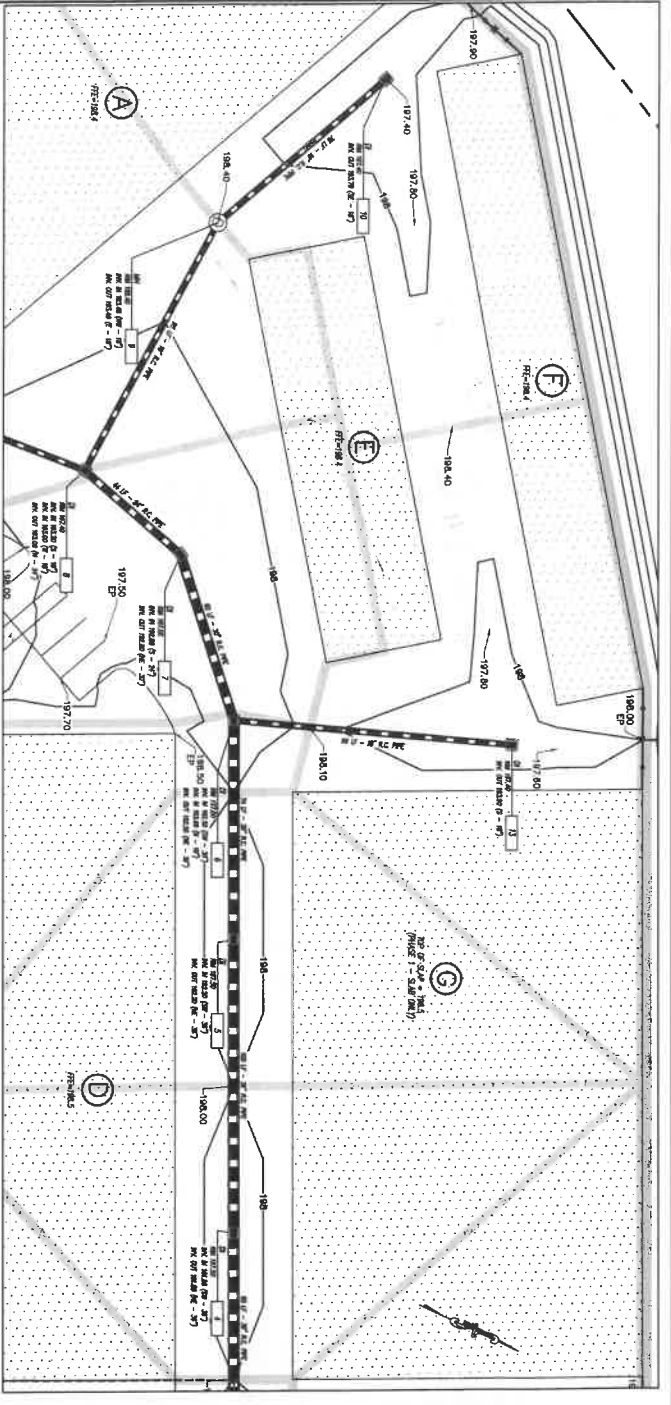
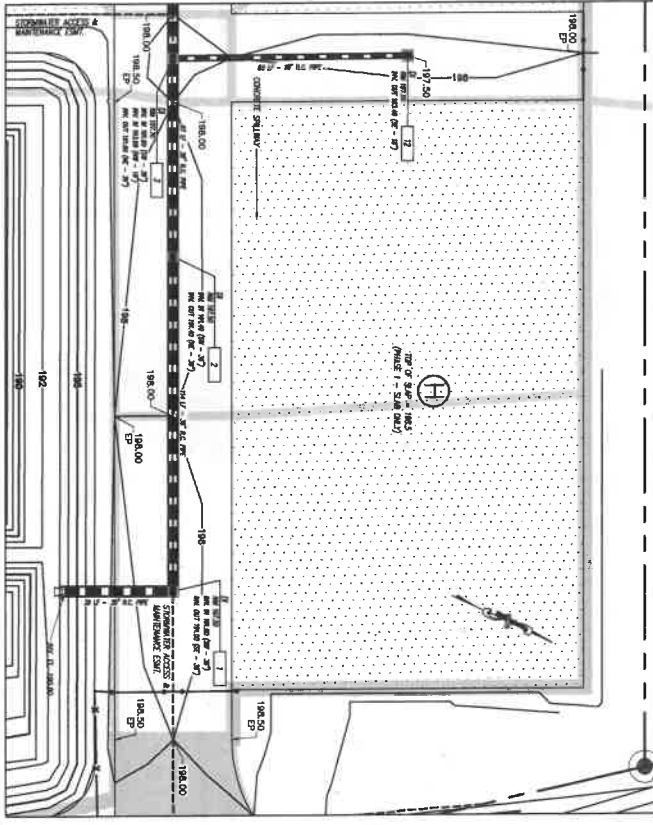
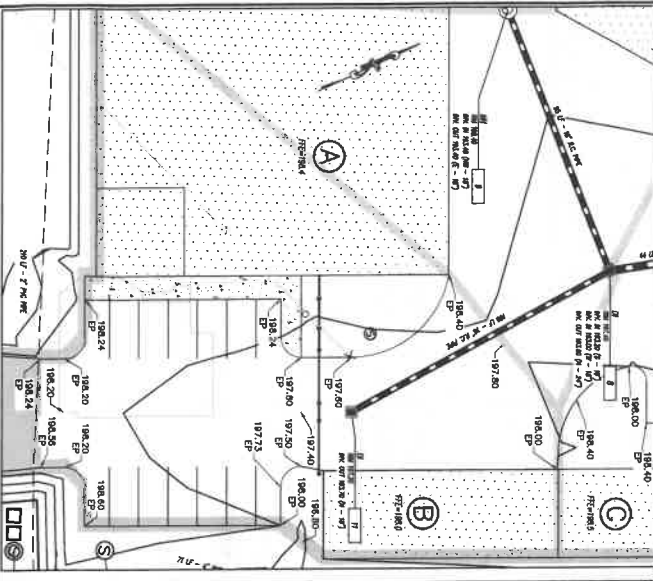
DATE	11/16/2023
DRAWN BY	JTO
CHECKED BY	MSB
PROJECT NO.	21-0580
SHEET NO.	1
TOTAL SHEETS	1
SCALE	AS SHOWN



GRADING PLAN NOTES:

1. CONCEPTS AND METHODS OF DRAINAGE AND STORMWATER CONTROL, PRACTICES AND METHODS IN ACCORDANCE WITH THE PROVIDED DESIGN AND SPECIFICATIONS SHALL BE USED TO PREVENT EROSION AND TO MAINTAIN EXISTING AND PROPOSED GRADING FROM BEING CHANGED AND FILLING AND REPAIRING OF THE SITE TO PREVENT THE COLLAPSE OF ALL EXISTING AREAS.
2. EXISTING AND PROPOSED GRADING SHALL BE SHOWN ON ALL AREAS.
3. BEFORE GRADING BEGINS, PROTECTIVE EASE, INTERLOCKS, OR OTHER MEASURES SHALL BE TAKEN TO PREVENT COLLAPSE OF EXISTING AREAS.
4. EXISTING AND PROPOSED GRADING SHALL BE SHOWN ON ALL AREAS.
5. GRADING SHALL BE DONE IN ACCORDANCE WITH THE PROVIDED DESIGN AND SPECIFICATIONS.
6. THE GRADING SHALL BE DONE IN ACCORDANCE WITH THE PROVIDED DESIGN AND SPECIFICATIONS.
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17. THE GRADING SHALL BE DONE IN ACCORDANCE WITH THE PROVIDED DESIGN AND SPECIFICATIONS.
18. THE GRADING SHALL BE DONE IN ACCORDANCE WITH THE PROVIDED DESIGN AND SPECIFICATIONS.

<p>DATE: 11/23/2023 DRAWN BY: JFD CHECKED BY: HSR PROJECT NO.: 21-0380</p>	<p>CONSTRUCTION DRAWINGS FOR AMPLE STORAGE LOCATED ON TRACT OF 60 ACRES IN THE COUNTY OF HANCOCK, MA LAND OWNED: TRIPLE RIVER, LLC CONTACT: GUY LAURENCE, JR., MANAGER P.O. BOX 100 TRIPLE RIVER, MA 01962 (508) 833-0041</p>	<p>GRADING & DRAINAGE PLAN OVERALL GRADING & DRAINAGE PLAN</p>	<p>ENGINEERING ESD LICENSE # 0-2710 LAND PLANNING COMMERCIAL / RESIDENTIAL P.O. BOX 1250 WENDELL, MA 01989 (910) 291-4441</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>REV. NO.</th> <th>REMARKS</th> <th>BY</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	REV. NO.	REMARKS	BY	DATE												
REV. NO.	REMARKS	BY	DATE																	



DATE: 1/15/2023
 DRAWN BY: JTD
 CHECKED BY: JSR
 PROJECT NO.: 21-0300
 SHEET NO.: 5 OF 12

REV. NO.	REMARKS	BY	DATE

CONSTRUCTION DRAWINGS FOR
AMPLE STORAGE
 LOCATED IN TOWN OF STONY
 HAWKETT COUNTY, NORTH CAROLINA

LAND OWNER: TURTLE HILL LLC
 607 LAMPE JR - MANAGER
 P.O. BOX 608
 SMYRNA, NC 27577
 919.434.5041

CONTACT: BERRY BENTON/TONK - PM (703) 670-2884

GRADING & DRAINAGE PLAN
 DETAILED GRADING & DRAINAGE PLAN

SCALE: 1" = 10'-0"

DATE: 1/15/2023

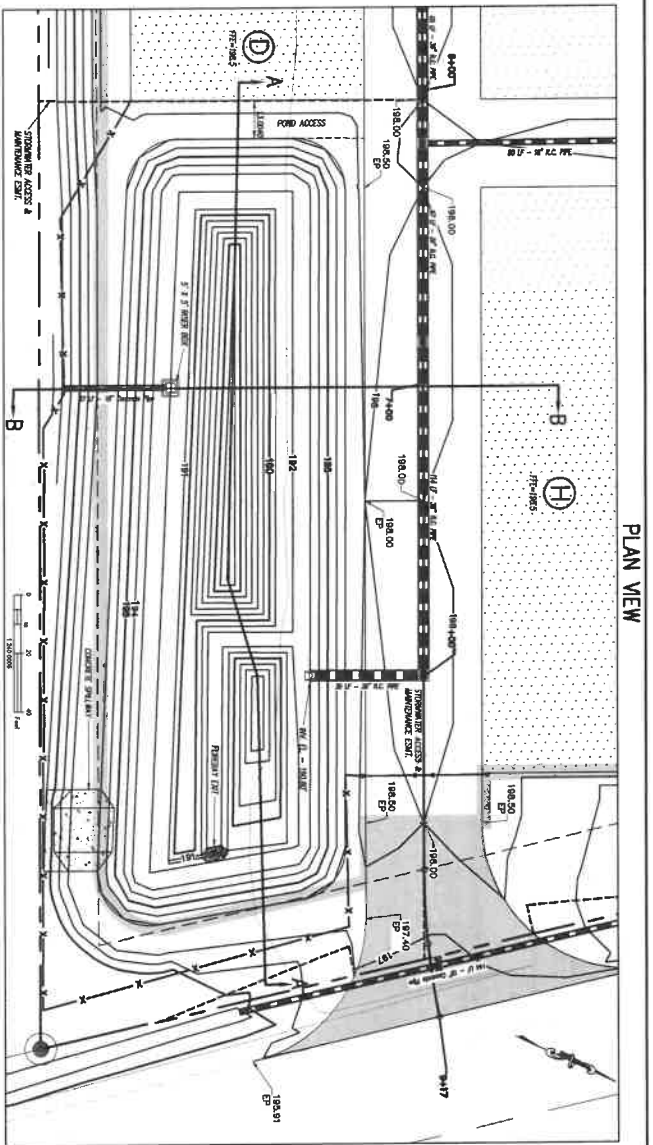
PROJECT NO.: 21-0300

SHEET NO.: 5 OF 12

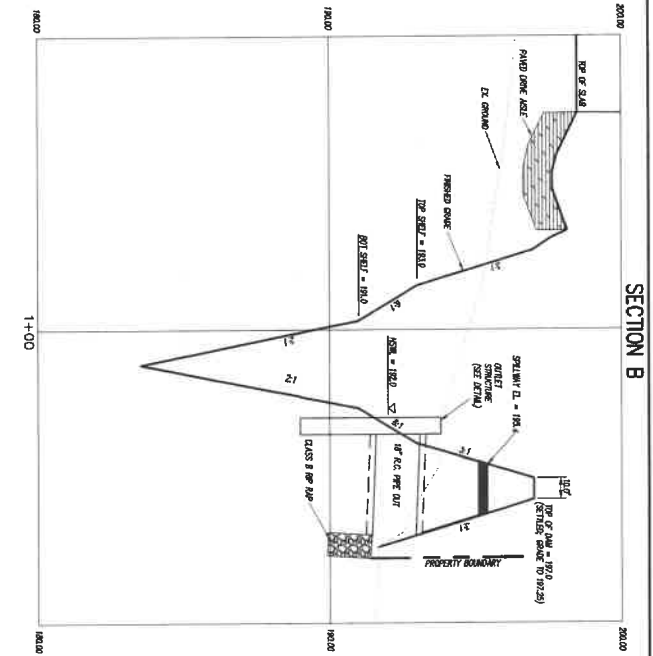
CSD
 ENGINEERING

10000 W. GARDNER
 LENOIR, NC 27560
 COMMERCIAL / RESIDENTIAL

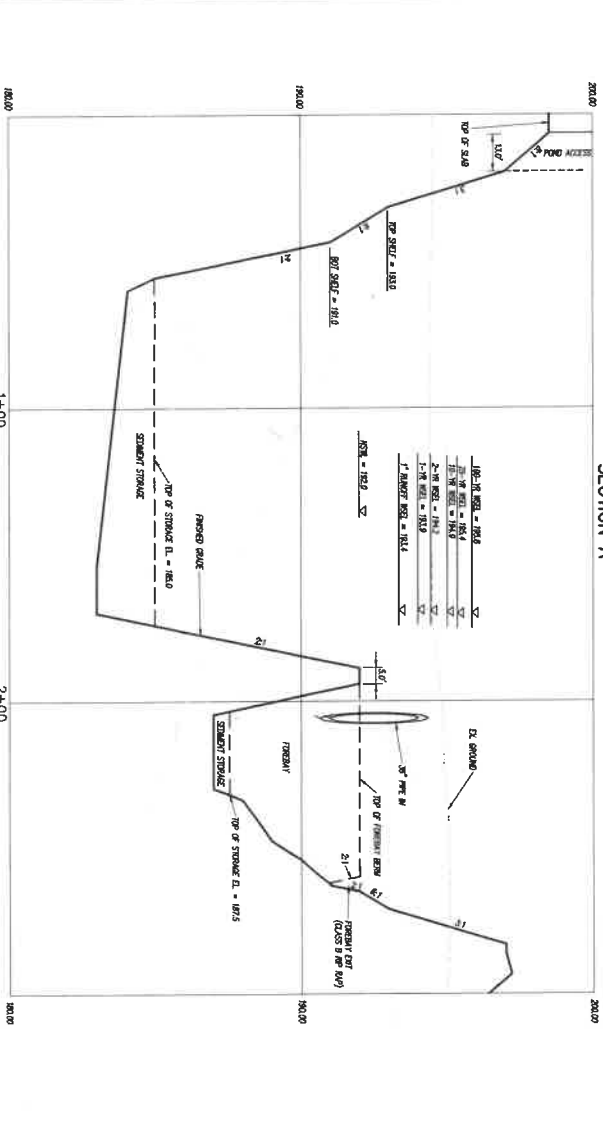
P.O. BOX 1250
 HUNTER, NC 27559
 (919) 251-4444



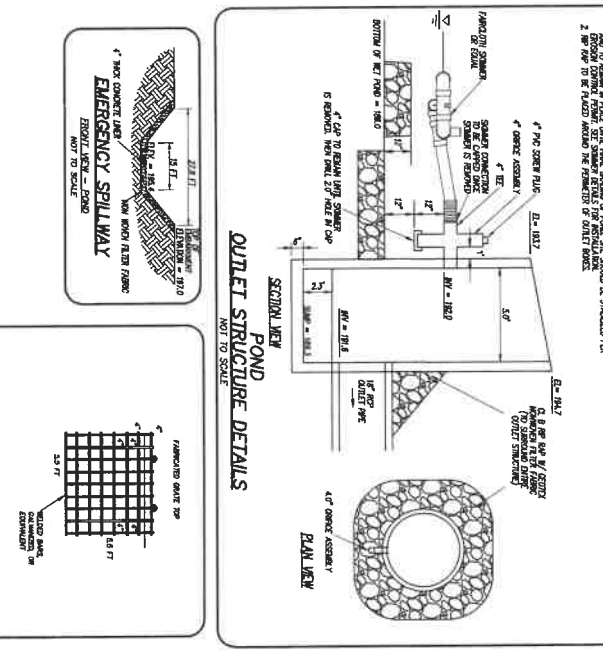
PLAN VIEW



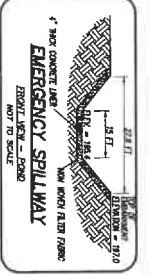
SECTION B



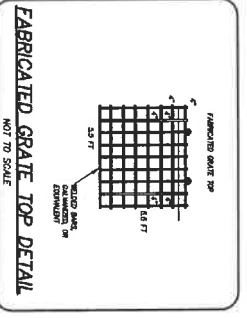
SECTION A



POND OUTLET STRUCTURE DETAILS



EMERGENCY SPILLWAY



FABRICATED GRADE TOP DETAIL

NOTES:
 1. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
 2. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
 3. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.

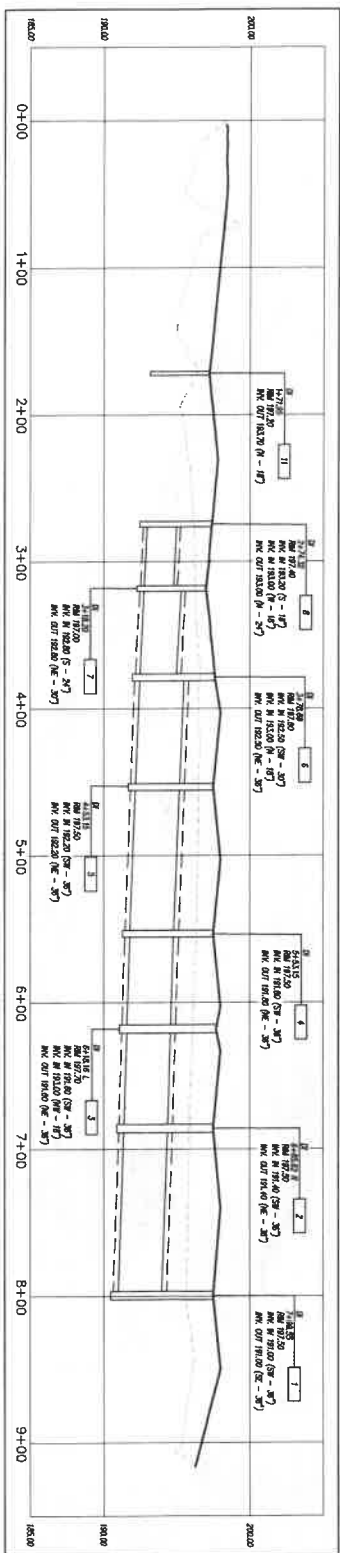
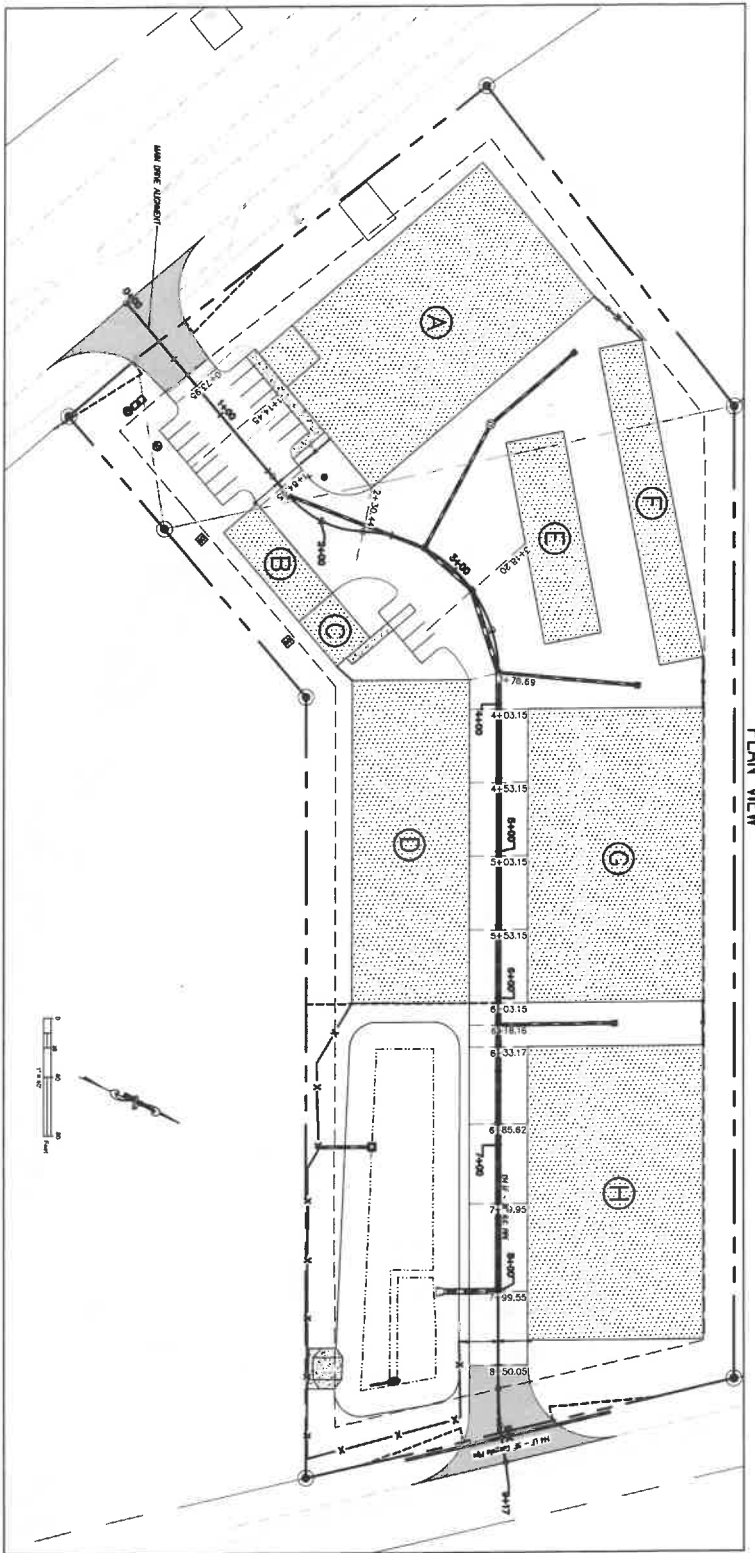
REV. NO.	REMARKS	BY	DATE

CONSTRUCTION DRAWINGS FOR
AMPLE STORAGE
 LOCATED IN TOWN OF EMMET,
 HAYWORTH COUNTY, NORTH CAROLINA
 LAND OWNER: TAYLOR REAL, LLC
 1007 LAKEVIEW DR. - MANAGER
 P.O. BOX 200
 SMITHVILLE, NC 27577
 (919) 834-2041
 CONTACT: TERRY WILKINSON - PM (252) 670-2064

GRADING & DRAINAGE PLAN
 NET POND PLAN, PROFILE, & DETAILS

ESD
 ENGINEERING
 LICENSE # 1-C-2719
 LAND PLANNING
 COMMERCIAL / RESIDENTIAL
 P.O. BOX 1250
 WYOMING, NC 27391
 (919) 591-4444

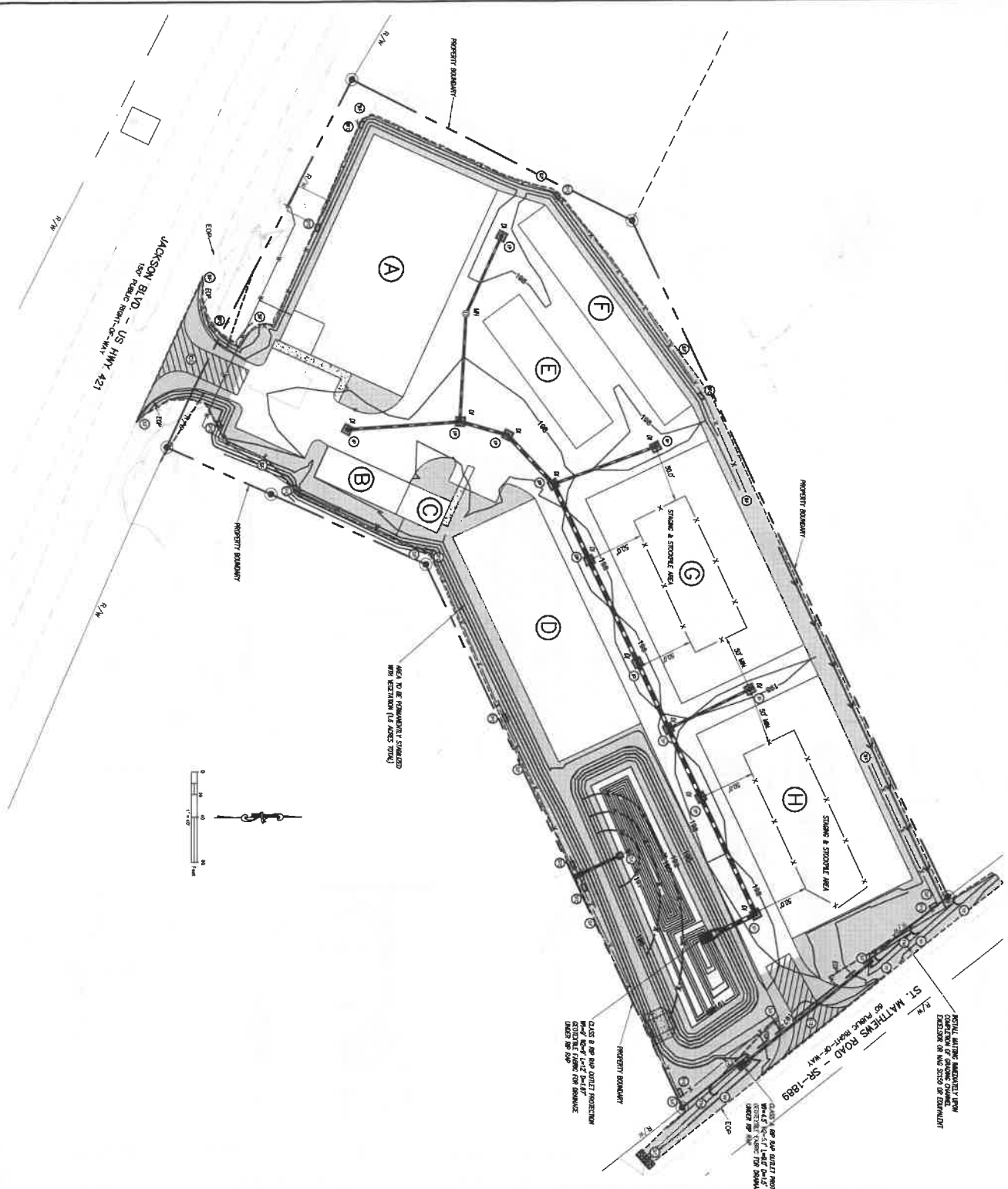
DATE: 11/25/2021
 USER: JCS
 DRAWN BY: JCS
 CHECKED BY: JCS
 PROJECT NO.: 21-0089
CA.2
 NOT TO SCALE



MAIN DRIVE - SECTION VIEWS

<p>1+14</p>	<p>1+65</p>	<p>2+30</p>	<p>3+18</p>	<p>3+79</p>	<p>4+53</p>	<p>5+53</p>	<p>6+18</p>	<p>6+86</p>	<p>8+00</p>	<p>8+50</p>
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	CONSTRUCTION DRAWINGS FOR AMPLE STORAGE LOCATED IN TOWN OF OTHER FOREST SOCIETY, NORTH CAROLINA LAND OWNER: TURTLE HALL LLC CITY: LAUREL, NC CONTACT: P.O. BOX 808 SWINFIELD, NC 27577 (703) 554-3545 CONTACT: KERRY WEBBINGTON - PM (703) 670-2884	GRADING & DRAINAGE PLAN MAIN DRIVE PLAN, PROFILE, & SECTIONS	LICENSE # 1-2-270 ENGINEERING LAND PLANNING COMMERCIAL / RESIDENTIAL P.O. BOX 7820 WENDELL, NC 27587 (919) 358-4444
	DATE: 1/15/2023 DRAWN BY: JFD CHECKED BY: KSR PROJECT NO.: 21-0580 SHEET NO.: 7 OF 12	REV. NO. REMARKS BY DATE	CSD ENGINEERING



- CONSTRUCTION SEQUENCE**
1. INITIAL PREPARE SITE AND GRUB OUT EXISTING CONCRETE AND EXISTING UTILITIES WITH NEAR BY EXISTING CONSTRUCTION EQUIPMENT AS NECESSARY.
 2. INITIAL PREPARE SITE STAGING AND STORAGE AREA.
 3. INITIAL PREPARE SITE TO BUILD 10' DIA. UTILITY PROTECTION FOR EXISTING AND NEW UTILITY PROTECTION.
 4. INITIAL PREPARE SITE TO BUILD 10' DIA. UTILITY PROTECTION FOR EXISTING AND NEW UTILITY PROTECTION.
 5. INITIAL PREPARE SITE TO BUILD 10' DIA. UTILITY PROTECTION FOR EXISTING AND NEW UTILITY PROTECTION.
 6. INITIAL PREPARE SITE TO BUILD 10' DIA. UTILITY PROTECTION FOR EXISTING AND NEW UTILITY PROTECTION.
 7. INITIAL PREPARE SITE TO BUILD 10' DIA. UTILITY PROTECTION FOR EXISTING AND NEW UTILITY PROTECTION.
 8. INITIAL PREPARE SITE TO BUILD 10' DIA. UTILITY PROTECTION FOR EXISTING AND NEW UTILITY PROTECTION.
 9. INITIAL PREPARE SITE TO BUILD 10' DIA. UTILITY PROTECTION FOR EXISTING AND NEW UTILITY PROTECTION.
 10. INITIAL PREPARE SITE TO BUILD 10' DIA. UTILITY PROTECTION FOR EXISTING AND NEW UTILITY PROTECTION.
 11. INITIAL PREPARE SITE TO BUILD 10' DIA. UTILITY PROTECTION FOR EXISTING AND NEW UTILITY PROTECTION.

- MAINTENANCE PLAN**
1. INITIAL PREPARE SITE AND GRUB OUT EXISTING CONCRETE AND EXISTING UTILITIES WITH NEAR BY EXISTING CONSTRUCTION EQUIPMENT AS NECESSARY.
 2. INITIAL PREPARE SITE STAGING AND STORAGE AREA.
 3. INITIAL PREPARE SITE TO BUILD 10' DIA. UTILITY PROTECTION FOR EXISTING AND NEW UTILITY PROTECTION.
 4. INITIAL PREPARE SITE TO BUILD 10' DIA. UTILITY PROTECTION FOR EXISTING AND NEW UTILITY PROTECTION.
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 8. INITIAL PREPARE SITE TO BUILD 10' DIA. UTILITY PROTECTION FOR EXISTING AND NEW UTILITY PROTECTION.
 9. INITIAL PREPARE SITE TO BUILD 10' DIA. UTILITY PROTECTION FOR EXISTING AND NEW UTILITY PROTECTION.
 10. INITIAL PREPARE SITE TO BUILD 10' DIA. UTILITY PROTECTION FOR EXISTING AND NEW UTILITY PROTECTION.
 11. INITIAL PREPARE SITE TO BUILD 10' DIA. UTILITY PROTECTION FOR EXISTING AND NEW UTILITY PROTECTION.

ESC PLAN LEGEND

[Symbol]	CONSTRUCTION BOUNDARY
[Symbol]	EXISTING BOUNDARY
[Symbol]	EXISTING UTILITY
[Symbol]	NEW UTILITY
[Symbol]	EXISTING CONCRETE
[Symbol]	NEW CONCRETE
[Symbol]	EXISTING ASPHALT
[Symbol]	NEW ASPHALT
[Symbol]	EXISTING GRAVEL
[Symbol]	NEW GRAVEL
[Symbol]	EXISTING SOIL
[Symbol]	NEW SOIL
[Symbol]	EXISTING VEGETATION
[Symbol]	NEW VEGETATION
[Symbol]	EXISTING FENCE
[Symbol]	NEW FENCE
[Symbol]	EXISTING SIGNAGE
[Symbol]	NEW SIGNAGE
[Symbol]	EXISTING LIGHT FIXTURE
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[Symbol]	EXISTING SIGN
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[Symbol]	NEW SIGNAGE

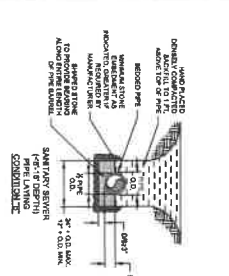
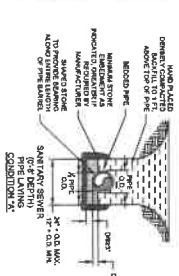
DATE: 11/15/2023	DRAWN BY: JTD	CHECKED BY: JHSR
PROJECT NO.: 21-0580	CHECKED BY: JHSR	PROJECT NO.: 21-0580
CS1		



CONSTRUCTION CHAIRMAN FOR
AMPLE STORAGE
 LOCATED IN THE TOWN OF SEVEN
 HORNETS COUNTY, NORTH CAROLINA
 LAND OWNER: TURTLE HILL, LLC
 607 LAKEVIEW DRIVE
 WARRINGTON, VA 22091
 CONTACT: JERRY BETHINGTON - PM - 800-830-8800

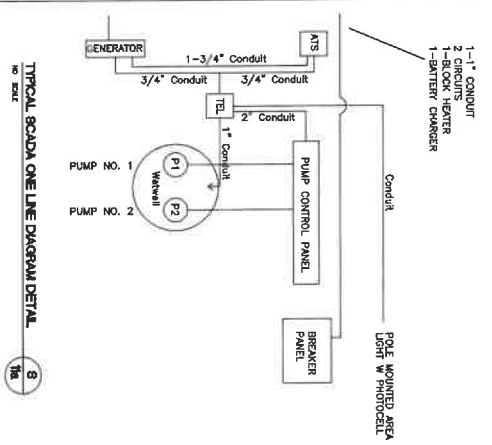
EROSION & SEDIMENT CONTROL PLAN
 STAGE 2 - FINAL

DESIGN BY: C-2715
 LAND PLANNING
 CONSULTING / RESIDENTIAL
 P.O. BOX 1299
 MONTELEONE, NC 27051
 (919) 391-4441



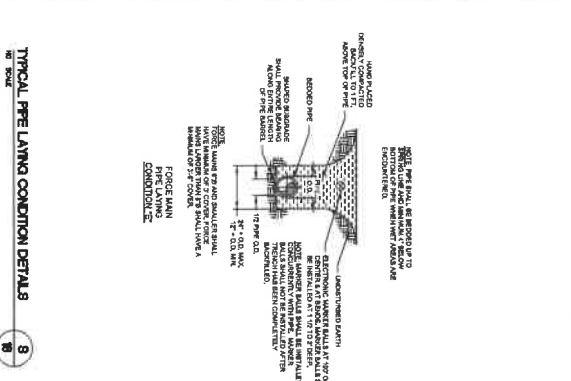
TYPICAL PRE LIVING CONDITION DETAIL 8

TYPICAL PRE LIVING CONDITION DETAIL 9

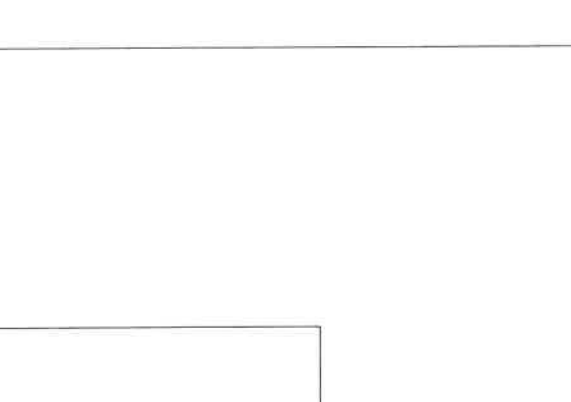


TYPICAL SCADA ONE LINE DIAGRAM DETAIL 8

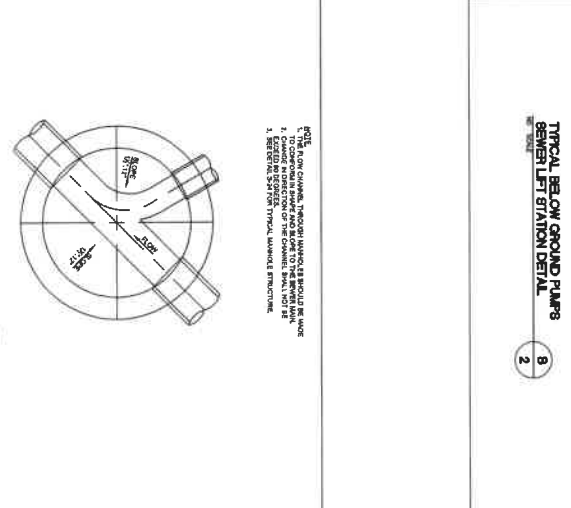
- NOTE: 1. ALL SCADA WIRE SHALL BE 18 AWG. 2. ALL LIGHT FIXTURES SHALL BE LED. 3. 1-1/2\"/>



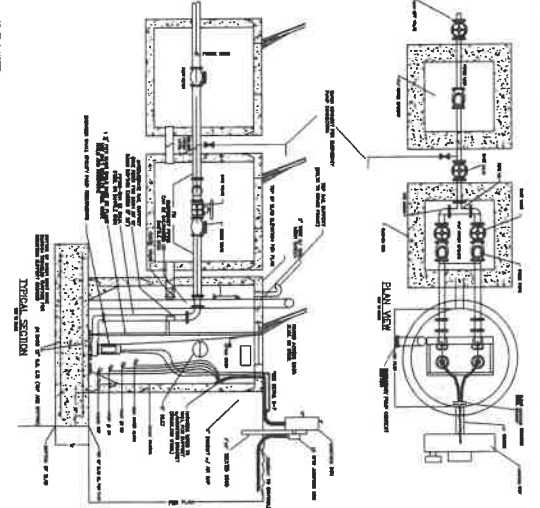
TYPICAL MAN-HOLE INVERT DETAIL 8



TYPICAL BELOW GROUND PIPES BENT UP STATION DETAIL 8



TYPICAL BELOW GROUND PIPES BENT UP STATION DETAIL 2



TYPICAL BELOW GROUND PIPES BENT UP STATION DETAIL 8

- REBAR LAYOUT: 1. ALL REBAR SHALL BE #4. 2. ALL REBAR SHALL BE SPACED AT 12\"/>

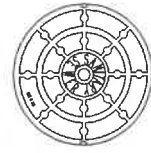
SANITARY SEWER DETAILS		WASTE WATER SYSTEM		HARNETT COUNTY SPECIFICATIONS		HARNETT COUNTY - NORTH CAROLINA		HARNETT County Public Utilities LILLINGTON, NORTH CAROLINA	
Scale:	NOTED	Date:	2009	Drawn By:	H.C.D.B.U.	Checked By:	W.M.B.	Book No.:	
Job No.:		Page No.:		Sheet No.:					

DATE: 11/13/2003
DRAWN BY: W.M.B.
CHECKED BY: J.S.
PROJECT NO.: 21-6500
SHEET NO.: 071

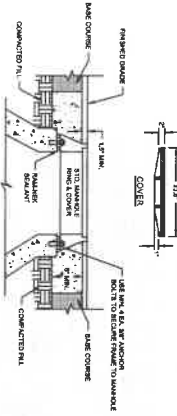
CONSTRUCTION DRAWINGS FOR
AMPLE STORAGE
LOCATED IN TOWN OF EXTON
HARNETT COUNTY, NORTH CAROLINA
LAND OWNER: BATTLE RUN, LLC
CONTACT: JERRY W. HARNETT, INC. 2577
(813) 834-2041
CONTACT: JERRY W. HARNETT, INC. 2577
(813) 834-2041

UTILITY PLAN
STANDARD DETAILS

ENGINEERING
ESD
LICENSE # C-2710
100 SOUTH MAIN STREET
LILLINGTON, NC 27557
PHONE: 703-781-4441

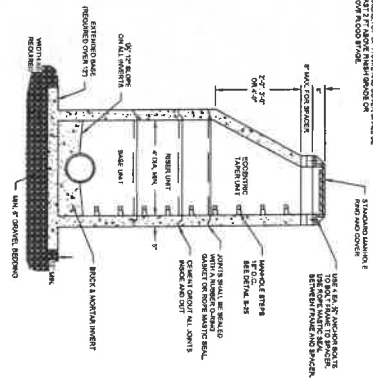


FRAME & COVER



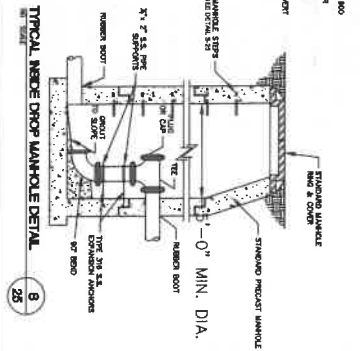
TYPICAL STANDARD MANHOLE FRAME + COVER DETAIL

8
21



TYPICAL STANDARD PRECAST CONCRETE MANHOLE DETAIL

8
24



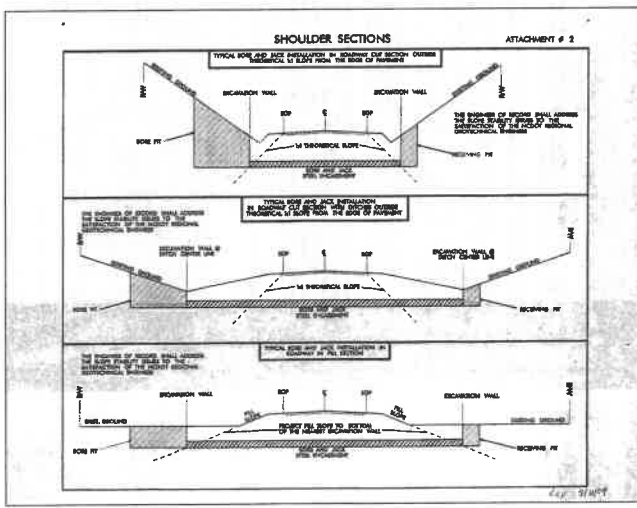
TYPICAL NECK DROP MANHOLE DETAIL

8
25

HARNETT County
Public Utilities
LILLINGTON, NORTH CAROLINA

WASTE WATER SYSTEM
HARNETT COUNTY SPECIFICATIONS
HARNETT COUNTY - NORTH CAROLINA

Code: 10710
Date: 2009
Drawn By: M.C.D.B.L.
Checked By: W.W.L.
Book No.:
Page No.:
Sheet No.:





 LICENSE # C-2710
 LAND PLANNING
 COMMERCIAL / RESIDENTIAL
 P.O. BOX 1250
 WENDELL, NC 27981
 (803) 291-4441

UTILITY PLAN
 STANDARD DETAILS

CONSTRUCTION DRAWINGS FOR
AMPLE STORAGE
 LOCATED IN TOWN OF LEXEM
 HARNETT COUNTY, NORTH CAROLINA
 LAND OWNER: BATTLE REAL, LLC
 CONTACT: GUY LAMAR JR. - MANAGER
 P.O. BOX 600
 WENDELL, NC 27977
 (813) 924-2444
 CONTACT: TERRY REDFERN - PM (703) 870-0884

REV. NO.	REMARKS	BY	DATE

DATE: 11/13/2023
 DATE SCALE: 1" = 4'
 DRAWN BY: JTD
 CHECKED BY: JSS
 PROJECT NO.: 21-0880
 SHEET NO.: 15 OF 118
072

