



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J.R. "JOEY" HOPKINS
SECRETARY

October 18, 2023

Mr. Rodney Haire
Anderson Creek Rentals & Properties, LLC
27 JDE Street
Spring Lake, NC 28390

ATTN: Mr. Scott Brown
4D Site Solutions, Inc
409 Chicago Drive, Suite 112
Fayetteville, NC 28306

SUBJECT: APPLICATION - DRIVEWAY ENTRANCE ONTO NC Highway 24
PERMIT NUMBER D062-043-23-00077
HARNETT 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:

- **The required Performance and Indemnity Bond (#LSM1794957) in the amount of \$25,000.00 was received by the District Engineer's office on October 13, 2023. The Division Engineer will release the Performance and Indemnity Bond one (1) year following satisfactory completion of the work. The applicant shall be responsible for notifying the bonding company after the year and providing a copy of the PERMIT to the financial institution. The bonding company must provide a letter requesting release of the bond upon completion of the warranty period. The release of the bond is subject to a final inspection by NCDOT. Contact the District office to schedule a final inspection and to request release of the bond.**
- **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 this Permit will be present at the construction site at all times during construction. NCDOT reserves the right to stop all work unless evidence of approval can be shown.
- **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.**

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

Website: www.ncdot.gov

Location:
600 SOUTHERN AVENUE
FAYETTEVILLE, NC 28306

- 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.
- Changes noted in red on the plans shall be incorporated into and made a part of the approved Permit.
- 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.
- 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.
- It is the responsibility of the Permittee to provide inspection of the work that is performed on the right of way as a part of this Permit. 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. Travis B Salazar, 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.
- 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 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. 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.

- 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**. A relocation of the break in control of access was approved on September 29, 2022.
- 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.
- The resetting of the Control of Access fence shall be in accordance with the applicable NCDOT standard and 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 proposed entrance onto NC Highway 24 shall be constructed with 30' (maximum) ingress, egress, and regress edge of pavement radii and should provide a minimum of four (4) feet of vegetative shoulder as shown on the attached plans.**
- **The entrance grade shall be constructed in accordance with Figure 16 (attached).**
- **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 drainage pipe and drainage structures shall be constructed in accordance with Division 3 of the latest NCDOT *Standard Specifications for Roads and Structures* and Amendments or Supplementals thereto and Standard Drawing numbers 300.01, 310.02 and 310.03 of the latest NCDOT *Roadway Standards Drawings* or as directed by the engineer. Any drainage structure must be inspected by and shall bear the stamp of approval by the NCDOT Materials and Tests Unit. All concrete testing results shall be provided to the District Engineer's office at time of project completion.
- 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.
- 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.

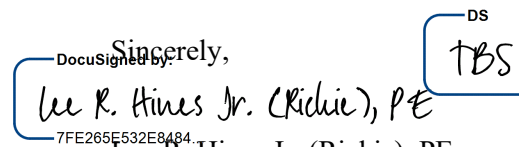
- All material to a depth of 8 inches below the finished surface of the subgrade shall be compacted to a density equal to at least 100% of that obtained by compacting a sample of the material in accordance with AASHTO T99 as modified by the Department. The subgrade shall be compacted at a moisture content 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 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 for all pavement markings (edge lines, lane lines and centerlines) and non-snowplowable markers on NC Highway 24 (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.**
- 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 additional information is required, please contact Mr. Lee R. Hines Jr., (Richie), PE, District Engineer, at (910) 364-0601.

Sincerely,

7FE265E532E8484
Lee R. Hines Jr. (Richie), PE
District Engineer

LRH:tbs

cc: <https://connect.ncdot.gov/site/files/road-file/Pages/myroadFiles.aspx>

APPLICATION IDENTIFICATION	N.C. DEPARTMENT OF TRANSPORTATION
Driveway D062-043-23-00077 Permit No.	Date of Application 10/18/2023
County: Harnett	STREET AND DRIVEWAY ACCESS PERMIT APPLICATION
Development Name: Easy Storage	

LOCATION OF PROPERTY:	
Route/Road: NC 24	
Exact Distance 0	<input type="checkbox"/> Miles <input checked="" type="checkbox"/> Feet
	<input checked="" type="checkbox"/> N <input type="checkbox"/> S <input type="checkbox"/> E <input type="checkbox"/> W
From the Intersection of Route No. NC 24	and Route No. SR 1192 Toward _____
Property Will Be Used For:	<input type="checkbox"/> Residential /Subdivision <input checked="" type="checkbox"/> Commercial <input type="checkbox"/> Educational Facilities <input type="checkbox"/> TND <input type="checkbox"/> Emergency Services <input type="checkbox"/> Other
Property:	<input type="checkbox"/> is <input checked="" type="checkbox"/> is not within _____ City Zoning Area.

AGREEMENT
<ul style="list-style-type: none"> • 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.
<p>2004-07 NOTE: Submit Four Copies of Application to Local District Engineer, N.C. Department of Transportation TEB 65-04rev.</p> <p style="text-align: center;">61-03419</p>

SIGNATURES OF APPLICANT

PROPERTY OWNER (APPLICANT)		WITNESS	
COMPANY	Anderson Creek Rentals & Properties, LLC - Rodney Haire	NAME	Alex Parham
SIGNATURE	<i>William Rodney Haire</i>	SIGNATURE	<i>Alex Parham</i>
ADDRESS	27 JDE Street, Spring Lake, NC 28390	ADDRESS	912 Cedar Creek Rd. Fayetteville, NC 28312 ; 910-486-5120
	Phone No. 910-850-5019		

AUTHORIZED AGENT		WITNESS	
COMPANY	4D Site Solutions, Inc - Scott Brown	NAME	CHRIS PUSEY
SIGNATURE	<i>Scott Brown</i>	SIGNATURE	<i>Chris Pusey</i>
ADDRESS	409 Chicago Drive, Suite 112, Fayetteville, NC 28306	ADDRESS	409 Chicago Drive, Ste 112, Fayetteville, NC 28306
	Phone No. 910-426-6777		910-426-6777

APPROVALS

APPLICATION RECEIVED BY DISTRICT ENGINEER

SIGNATURE DATE

APPLICATION APPROVED BY LOCAL GOVERNMENTAL AUTHORITY (when required)

SIGNATURE TITLE DATE

APPLICATION APPROVED BY NCDOT

DocuSigned by:
Lee R. Hines Jr. (Richie), PE
7FE265E532E8484...

DS
TBS

District Engineer

10/18/2023

SIGNATURE TITLE DATE

INSPECTION BY NCDOT

SIGNATURE TITLE DATE

TRAFFIC CONTROL AND WORK ZONE SAFETY

The Contractor shall maintain traffic during construction and provide, install, and maintain all traffic control devices in accordance with these project guidelines, the Project Special Provisions, North Carolina Department of Transportation Standard Specifications for Roads and Structures 2018, and the current edition of the Manual of Uniform Traffic Control Devices (MUTCD).

The Contractor shall utilize complete and proper traffic controls and traffic control devices during all operations. All traffic control and traffic control devices required for any operation shall be functional and in place prior to the commencement of that operation. Signs for temporary operations shall be removed during periods of inactivity. The Contractor is required to leave the project in a manner that will be safe to the traveling public and which will not impede motorists.

Traffic movements through lane closures on roads with two way traffic shall be controlled by flaggers stationed at each end of the work zone. In situations where sight distance is limited, the Contractor shall provide additional means of controlling traffic, including, but not limited to, two-way radios, pilot vehicles, or additional flaggers. Flaggers shall be competent personnel, adequately trained in flagging procedures, and furnished with proper safety devices and equipment, including, but not limited to, safety vests and stop/slow paddles.

All personnel when working in traffic areas or areas in close proximity to traffic shall wear an approved safety vest, or shirt or jacket which meets the color requirements of the Manual of Uniform Traffic Control Devices (MUTCD).

The Contractor shall comply with all applicable Federal, State, and local laws, ordinances, and regulations governing safety, health, and sanitation, and shall provide all safeguards, safety devices, and protective equipment, and shall take any other needed actions, on his own responsibility that are reasonably necessary to protect the life and health of employees on the job and the safety of the public, and to protect property in connection with the performance of the work covered by the contract.

Failure to comply with any of the requirements for safety and traffic control of this contract shall result in suspension of work as provided in subarticle 108-7(2) of the Standard Specifications.

SPECIFICATIONS FOR EROSION CONTROL

The Contractor shall seed all disturbed areas as directed by the Engineer, in accordance with Section 1660 of the Standard Specifications. Seeding and mulching shall immediately follow shoulder construction operations and in no case shall shoulder construction operations exceed seeding and mulching operations by more than two weeks without written permission of the Engineer. Failure to meet this requirement shall be cause to cease all operations until it can be met.

Seeding and Mulching: (East)

The kinds of seed and fertilizer, and the rates of application of seed, fertilizer, and limestone, shall be as stated below. During periods of overlapping dates, the kind of seed to be used shall be determined by the Engineer. All rates are in pounds per acre.

The kinds of seed and fertilizer, and the rates of application of seed, fertilizer, and limestone, shall be as stated below. During periods of overlapping dates, the kind of seed to be used shall be determined. All rates are in pounds per acre.

All Roadway Areas

March 1 - August 31

50#	Tall Fescue
10#	Centipede
25#	Bermudagrass (hulled)
500#	Fertilizer
4000#	Limestone

September 1 - February 28

50#	Tall Fescue
10#	Centipede
35#	Bermudagrass (unhulled)
500#	Fertilizer
4000#	Limestone

Waste and Borrow Locations

March 1 - August 31

75#	Tall Fescue
25#	Bermudagrass (hulled)
500#	Fertilizer
4000#	Limestone

September 1 - February 28

75#	Tall Fescue
35#	Bermudagrass (unhulled)
500#	Fertilizer
4000#	Limestone

Note: 50# of Bahiagrass may be substituted for either Centipede or Bermudagrass only upon Engineer's request.

Approved Tall Fescue Cultivars

2 nd Millennium	Duster	Magellan	Rendition
Avenger	Endeavor	Masterpiece	Scorpion
Barlexas	Escalade	Matador	Shelby
Barlexas II	Falcon II, III, IV & V	Matador GT	Signia
Barrera	Fidelity	Millennium	Silverstar
Barrington	Finesse II	Montauk	Southern Choice II
Biltmore	Firebird	Mustang 3	Stetson
Bingo	Focus	Olympic Gold	Tarheel
Bravo	Grande II	Padre	Titan Ltd
Cayenne	Greenkeeper	Paraiso	Titanium
Chapel Hill	Greystone	Picasso	Tomahawk
Chesapeake	Inferno	Piedmont	Tacer
Constitution	Justice	Pure Gold	Trooper
Chipper	Jaguar 3	Prospect	Turbo
Coronado	Kalahari	Quest	Ultimate
Coyote	Kentucky 31	Rebel Exeda	Watchdog
Davinci	Kitty Hawk	Rebel Sentry	Wolfpack
Dynasty	Kitty Hawk 2000	Regiment II	
Dominion	Lexington	Rembrandt	

On cut and fill slopes 2:1 or steeper Centipede shall be applied at the rate of 5 pounds per acre and add 20# of Sericea Lespedeza from January 1 - December 31.

Fertilizer shall be 10-20-20 analysis. A different analysis of fertilizer may be used provided the 1-2-2 ratio is maintained and the rate of application adjusted to provide the same amount of plant food as a 10-20-20 analysis and as directed.

All areas seeded and mulched shall be tacked with asphalt. Crimping of straw in lieu of asphalt tack shall not be allowed on this project.

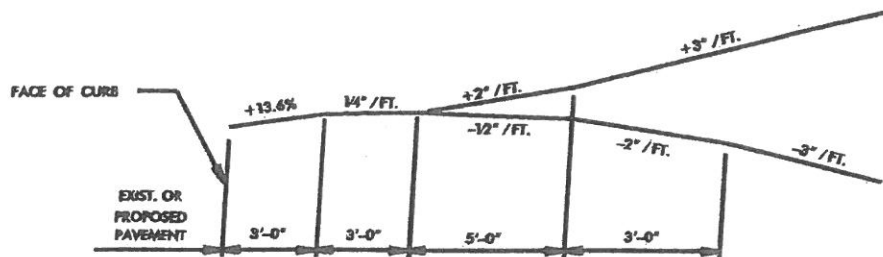
CRIMPING STRAW MULCH

Crimping shall be required on this project adjacent to any section of roadway where traffic is to be maintained or allowed during construction. In areas within six feet of the edge of pavement, straw is to be applied and then crimped. After the crimping operation is complete, an additional application of straw shall be applied and immediately tacked with a sufficient amount of undiluted emulsified asphalt.

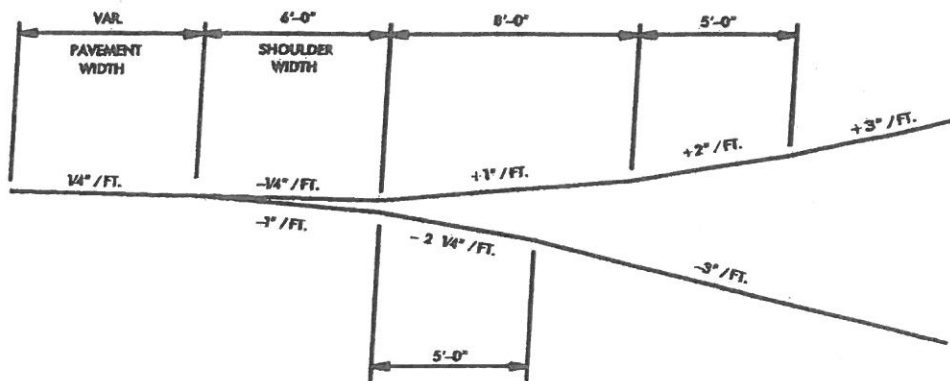
Straw mulch shall be of sufficient length and quality to withstand the crimping operation.

Crimping equipment including power source shall be subject to the approval of the Engineer providing that maximum spacing of crimper blades shall not exceed 8".

Within seven (7) calendar days to fourteen (14) calendar days of completion of any phase of grading, all disturbed areas shall be planted or otherwise provided with temporary or permanent ground cover, devices, or structures sufficient to restrain erosion. The Erosion and Sediment Control plan will identify the areas that require seven (7) and/or fourteen (14) calendar day ground stabilization. The Contractor is herein advised to follow all current regulations set forth by the North Carolina Department of Environment and Natural Resources (NCDENR) Division of Water Quality (DWQ) as defined in the *General Stormwater Permit for Construction Activities NCG-010000*.



A. CURB & GUTTER SECTION



B. SHOULDER SECTION

FIGURE 6

DRIVEWAY TURNOUT GRADES

**North Carolina Department of Transportation
Subdivision Road Construct, Driveway Access, and Encroachment
Installation Certification Memo**

(Date)

(District Engineer Name & Address)

RE: CONSTRUCTION CERTIFICATION

County: _____

Driveway Permit #: _____

and/or Subdivision I.D. #: _____

and/or Encroachment #: _____

Recording Information (if applicable): _____

Route(s) and/or Street(s): _____

Project Name/Phase/Description: _____

I, _____, have reviewed the construction within the right-of-way and/or easements required under subject project(s) for the above development and in accordance with the design drawings approved by the North Carolina Department of Transportation (NCDOT) on the following dates:

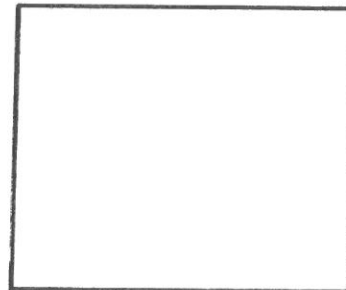
Driveway Permit #:	_____	Date:	_____
and/or Subdivision I.D. #:	_____	Date:	_____
and/or Encroachment #:	_____	Date:	_____

My inspection and attached testing report(s) and/or supporting documentation indicate the construction within the right-of-way and/or easements have been constructed in accordance with the standards established by current NCDOT Standard Specifications for Roads and Structures, and with the approved plans.

Name: _____

NC PE #: _____

Signature: _____



SEAL

Received by NCDOT: _____

**National Pollutant Elimination System (NPDES)
Stormwater Permit Compliance Certification**

I RODNEY HAIRE, a duly authorized representative of ANDERSON CREEK RENTALS & PROPERTIES, LLC, an industrial/commercial/residential facility requesting attachment to a North Carolina Department of Transportation highway drainage system at INTERSECTION OF ALFREDA DRIVE & NC 24 in HARNETT County, do hereby certify the following:

Check appropriate box and circle type of facility

- The Industrial / Commercial / Residential facility does not require an NPDES stormwater permit.
- The Industrial / Commercial / Residential facility does require an NPDES stormwater permit. The permit has been obtained and a Stormwater Pollution Prevention Plan (SPPP) is in place. Appropriate structural stormwater best management practices (BMP) are designed and installed as required by the Department of Environment and Natural Resources (DENR) and/or the local governing agency. All structural stormwater BMP's are located outside of NCDOT right-of-way.

I understand if the Department of Transportation determines the facility is not in compliance with NPDES stormwater requirements, the Department will report the noncompliance to the DENR Division of Water Quality. I also understand that falsification of this certification may result in penalty of law against the facility and me as prescribed in the North Carolina General Statutes.

Signature: 

Date: 10/4/2023

Note: If the applicant has a question as to whether an NPDES stormwater permit is required, he or she may contact the N.C. Division of Water Quality in Raleigh at (919) 733-5083 (ask for Stormwater and General Permits Unit).

DRIVEWAY CERTIFICATION

Project: Easy Storage **Date:** May 24, 2023

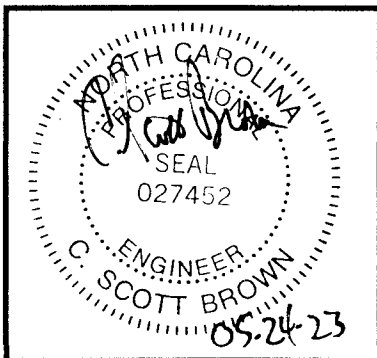
I certify that the proposed development does not create a diversion of natural and/or historic surface runoff onto NCDOT right of way including but not limited to state road NC 24 or any other adjoining properties and that the minimum pipe size for the subject driveways are as follows:

D/W #	Minimum Pipe Size
#1	
#2	
#3	

I further certify that there are no intersecting streets within 500' of the proposed site other than those shown on the attached plan and that the available clear sight distances (i.e. unobscured from trees, brush, vertical and/or horizontal curves, cut sections, etc.) for the proposed driveways and the speed limit information are as follows:

D/W #	Left Sight Distance	Right Sight Distance
#1	>550'	>550'
#2		
#3		

Speed Limit: 55 mph



Professional Engineer/Surveyor Seal

Name: C. Scott Brown, PE

Signature: *C. Scott Brown*

Registration Number: 27452

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION - HIGHWAY ENCROACHMENT INSTALLATIONS

Anderson Creek Rentals and Properties, LLC

PRINCIPAL (Contractor for second party to encroachment agreement)

RLI Insurance Company

SURETY

\$ 25,000.00
AMOUNT OF BOND

October 10, 2023
DATE OF BOND

DESCRIPTION OF ENCROACHMENT AGREEMENT:

Route or Highway No.: Highway NC 24
County: Hamett
Date of Encroachment Agreement: October 10, 2023
Specific Location of Encroachment:
Between 107 Alfreda Drive, Cameron, NC 28326
& _____
Type of Encroachment: Paviment 50'
(Water, Sewer, Gas, etc.)

Second party to Encroachment Agreement: _____

RECEIVED

OCT 11 2023 *[Signature]*

DIVISION 6-DISTRICT 2

KNOW ALL MEN BY THESE PRESENTS, That we the PRINCIPAL and SURETY above named, are held and firmly bound unto the Department of Transportation, an agency of the State of North Carolina, hereinafter called the DEPARTMENT, in the amount stated above for the payment for which sum we bind ourselves, our heirs, executors, administrators, and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that whereas the above indicated second party to an Encroachment Agreement named above entered into an Encroachment Agreement with the DEPARTMENT, and the PRINCIPAL (contractor) entered into a contract with the said second party to an Encroachment Agreement named above to perform certain work, including the installation or relocation of certain encroachments described in a certain Encroachment Agreement with the DEPARTMENT hereinabove described and incorporated herein by reference;

NOW, THEREFORE, if the PRINCIPAL shall well and truly install the said encroaching facilities on and along the highway in accordance with the "Policies and Procedures for Accommodating Utilities on Highway Rights of Way" and any supplements thereto and in accordance with the other provisions of the said Encroachment Agreement and shall indemnify the DEPARTMENT for the failure to install the encroachments in accordance with the foregoing manual and provisions of the said Encroachment Agreement, then, this obligation to be void; otherwise to remain in full force and effect.

IN WITNESS WHEREOF, the above-bounden parties have executed this instrument under their several seals on the date indicated above, the name and corporate seal of each corporate party being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

(Seal of Principal)

Anderson Creek Rentals and Properties, LLC
PRINCIPAL (Type Name of Principal)

Attest:

[Signature]

BY: Anderson Creek Rentals and Properties, LLC
By William Rocky Harris

(Seal of Surety)



RLI Insurance Company
(Name of SURETY)

BY: B. W. Davis
Barton W. Davis



NOTE: Attach Power of Attorney and Certificate of Authority of Attorney in Fact.
FORM R/W 16A (This form to be used only by Contractor for second party to encroachment agreement.)

POWER OF ATTORNEY

RLI Insurance Company

9025 N. Lindbergh Dr. Peoria, IL 61615
Phone: 800-645-2402

Know All Men by These Presents:

Bond No. LSM1794957

That this Power of Attorney is not valid or in effect unless attached to the bond which it authorizes executed, but may be detached by the approving officer if desired.

That the RLI Insurance Company, a corporation organized and existing under the laws of the State of Illinois, and authorized and licensed to do business in all states and the District of Columbia does hereby make, constitute and appoint: Barton W. Davis in the City of Peoria, State of Illinois, as its true and lawful Agent and Vice President, with full power and authority hereby conferred upon him/her to sign, execute, acknowledge and deliver for and on its behalf as Surety, for the following described bond.

Principal: Anderson Creek Rentals and Properties, LLC
Obligee: NC Dept of Transportation Encroachments Division
Type Bond: Second Party Highway Encroachment
Bond Amount: \$ 25,000.00
Effective Date: October 10, 2023

The acknowledgement and execution of such bond by the said Attorney in Fact shall be as binding upon the Company as if such bond had been executed and acknowledged by the regularly elected officers of the Company.

The RLI Insurance Company further certifies that the following is a true and exact copy of a Resolution adopted by the Board of Directors of RLI Insurance Company, and now in force to-wit:

"All bonds, policies, undertakings, Powers of Attorney or other obligations of the corporation shall be executed in the corporate name of the Company by the President, Secretary, any Assistant Secretary, Treasurer, or any Vice President, or by such other officers as the Board of Directors may authorize. The President, any Vice President, Secretary, any Assistant Secretary, or the Treasurer may appoint Attorneys in Fact or Agents who shall have authority to issue bonds, policies or undertakings in the name of the Company. The corporate seal is not necessary for the validity of any bonds, policies, undertakings, Powers of Attorney or other obligations of the corporation. The signature of any such officer and the corporate seal may be printed by facsimile."

IN WITNESS WHEREOF, the RLI Insurance Company has caused these presents to be executed by its Vice President with its corporate seal affixed this 10th day of October, 2023.

RLI Insurance Company

By: Barton W. Davis
Barton W. Davis
Vice President



CERTIFICATE

I, the undersigned officer of RLI Insurance Company do hereby certify that the attached Power of Attorney is in full force and effect and is irrevocable; and furthermore, that the Resolution of the Company as set forth in the Power of Attorney, is now in force. In testimony whereof, I have hereunto set my hand and the seal of the RLI Insurance Company this 10th day of October, 2023.

RLI Insurance Company

By: Jeffrey D. Dick
Jeffrey D. Dick
Corporate Secretary

State of Illinois

County of Peoria

} SS

On this 10th day of October, 2023, before me, a Notary Public, personally appeared Barton W. Davis, who being by me duly sworn, acknowledged that he signed the above Power of Attorney as the aforesaid officer of the RLI Insurance Company, and acknowledged said instrument to be the voluntary act and deed of said corporation.

By: Catherine D. Geiger
Catherine D. Geiger
Notary Public





P.O. BOX 3967 PEORIA, IL 61612-3967
 P: (800)645-2402 E: suretypa@rlicorp.com
 RLISURETY.COM

Acknowledgment of Surety

STATE OF Illinois }
 COUNTY OF Peoria } ss.

On this 10th day of October, 2023, before me, a Notary Public in and for said County, personally appeared Barton W. Davis, personally known to me, who being by me duly sworn did say that he/she is the aforesaid Vice President of the RLI Insurance Company of Peoria, Illinois, a corporation duly organized and existing under the laws of the State of Illinois, that the seal affixed to the foregoing instrument is the corporate seal of said corporation, that the said instrument was signed, sealed and executed in behalf of said corporation by authority of its Board of Directors, and further acknowledge that the said instrument and the execution thereof to be a voluntary act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed by official seal the day and year last above written.

My Commission Expires:



Catherine D. Geiger

 Notary Public

STATE OF NORTH CAROLINA DEPARTMENT OF INSURANCE

L I C E N S E

NUMBER: 2494

Initial Effective Date: September 01, 1981

RLI Insurance Company

an Insurance Company Domiciled in Illinois

RLI Insurance Company has complied with the necessary requirements pursuant to Chapter 58 of the North Carolina General Statutes to transact, subject to all provisions of the laws of this State, the following kinds of insurance as defined in N.C.G.S. 58-7-15:

- 03a 03b 03c 03d 04 05a 06a
- 06b 07 08 09 10 12a 12b
- 13a 13b 14a 14b 16 19a 19b
- 19c 19d 19e 20a 20b

This license shall continue in force and in effect, subject to timely payment of the annual license continuation fee in accordance with N.C.G.S. 58-6-7 and subject to any other applicable provision of the insurance laws of this state.



James E. Long
 Commissioner of Insurance

**NORTH CAROLINA GENERAL STATUTE 58-7-15
DESIGNATION:**

LIFE INSURANCE

1. Life, Including Industrial Sick Benefit Insurance
2. Annuities
 - a. Annuities (excluding variable annuities)
 - b. Variable Annuities
 - c. Variable Life
3. Accident and Health, Including Hospitalization
 - a. Cancelable
 - b. Non-Cancelable
 - c. Credit - Small Loans
 - d. Credit - Other than Small Loans

FIRE INSURANCE

- *4. Fire
5. Miscellaneous Property
 - a. Extended Coverage
 - b. Growing Crops
6. Water Damage (including sprinkler leakage)
 - a. Commercial
 - b. Residential
7. Burglary and Theft
8. Glass
11. Animal
12. Collision
 - *a. Automobile
 - b. Other
19. Motor Vehicle and Aircraft
 - *a. Property Damage
 - *b. Fire
 - *c. Theft
 - *d. Comprehensive
 - *e. Collision
20. Marine
 - a. Inland
 - b. Ocean
21. Marine Protection and Indemnity
22. Miscellaneous
 - c. Other

CASUALTY INSURANCE

3. Accident and Health, Including Hospitalization
 - a. Cancelable
 - b. Non-Cancelable
 - c. Credit - Small Loans
 - d. Credit - Other than Small Loans
6. Water Damage (including sprinkler leakage)
 - a. Commercial
 - b. Residential
7. Burglary and Theft
8. Glass
9. Boiler and Machinery
10. Elevator
11. Animal
12. Collision
 - *a. Automobile
 - b. Other
13. Personal Injury Liability
 - *a. Automobile
 - b. Other
14. Property Damage Liability
 - *a. Automobile
 - b. Other
- * 15. Workmen's Compensation & Employer's Liability
16. Fidelity and Surety
17. Credit
18. Title
19. Motor Vehicle and Aircraft
 - *a. Property Damage
 - *b. Fire
 - *c. Theft
 - *d. Comprehensive
 - *e. Collision
21. Marine Protection and Indemnity
22. Miscellaneous
 - a. Aircraft Voluntary Settlement
 - b. Hole-in-One
 - c. Other

*License for any line so indicated requires membership in the North Carolina Rate Bureau.

HARNETT COUNTY TAX ID #
09957502 0185 04
09957502 0185 02

For Registration Matthew S. Willis
Register of Deeds
Harnett County, NC
Electronically Recorded
2021 Oct 22 01:04 PM NC Rev Stamp: \$ 236.00
Book: 4064 Page: 355 - 356 Fee: \$ 26.00
Instrument Number: 2021024946

10-22-2021 BY: SB

NORTH CAROLINA GENERAL WARRANTY DEED

Excise Tax: \$ 236.00

Parcel Identifier No. 9575-73-5360 / 6737 Verified by _____ County on the ____ day of _____, 20____
By: _____

Mail/Box to: Jennifer Kirby Fincher, PLLC PO Box 53674, Fayetteville, NC 28305

This instrument was prepared by: The Law Office of Jeffrey E. Radford, P.A., 1300 Bragg Blvd, Suite 1316, Fayetteville, NC 28301

Brief description for the Index: LOT 2, 4, Alfreda Estates

THIS DEED made this 21st day of October, 2021, by and between

GRANTOR
Dolores Thomas Turlington
FKA Dolores T. Vizachero and husband
Todd Steven Turlington
3669 Butler Nursey Rd.
ayetteville, NC 28306

GRANTEE
Anderson Creek Rentals &
Properties, LLC
37 JDE St.
Spring Lake, NC 28390

Enter in appropriate block for each Grantor and Grantee: name, mailing address, and, if appropriate, character of entity, e.g. corporation or partnership.

The designation Grantor and Grantee as used herein shall include said parties, their heirs, successors, and assigns, and shall include singular, plural, masculine, feminine or neuter as required by context.

WITNESSETH, that the Grantor, for a valuable consideration paid by the Grantee, the receipt of which is hereby acknowledged, has and by these presents does grant, bargain, sell and convey unto the Grantee in fee simple, all that certain lot, parcel of land or condominium unit situated in the City of Cameron, Barbecue and Johnsonville Township, Harnett County, North Carolina and more particularly described as follows:

Being all of Lots 2 and 4, in a subdivision known as Alfreda Estates, according to a plat of the same being duly recorded in Plat Cabinet F, Slide 521A, Harnett County Registry, North Carolina.

The property hereinabove described was acquired by Grantor by instrument recorded in Book 1242 page 646.
All or a portion of the property herein conveyed includes or X does not include the primary residence of a Grantor.

A map showing the above described property is recorded in Plat Book F page 521A.

TO HAVE AND TO HOLD the aforesaid lot or parcel of land and all privileges and appurtenances thereto belonging to the Grantee in fee simple.

And the Grantor covenants with the Grantee, that Grantor is seized of the premises in fee simple, has the right to convey the same in fee simple, that title is marketable and free and clear of all encumbrances, and that Grantor will warrant and defend the title against the lawful claims of all persons whomsoever, other than the following exceptions:

IN WITNESS WHEREOF, the Grantor has duly executed the foregoing as of the day and year first above written.

(Entity Name)

By: _____
Print/Type Name & Title: _____

By: _____
Print/Type Name & Title: _____

By: _____
Print/Type Name & Title: _____

By: _____
Print/Type Name & Title: _____

Dolores Thomas Turlington (SEAL)
Print/Type Name: Dolores Thomas Turlington

Todd Steven Turlington (SEAL)
Print/Type Name: Todd Steven Turlington

(SEAL)
Print/Type Name: _____

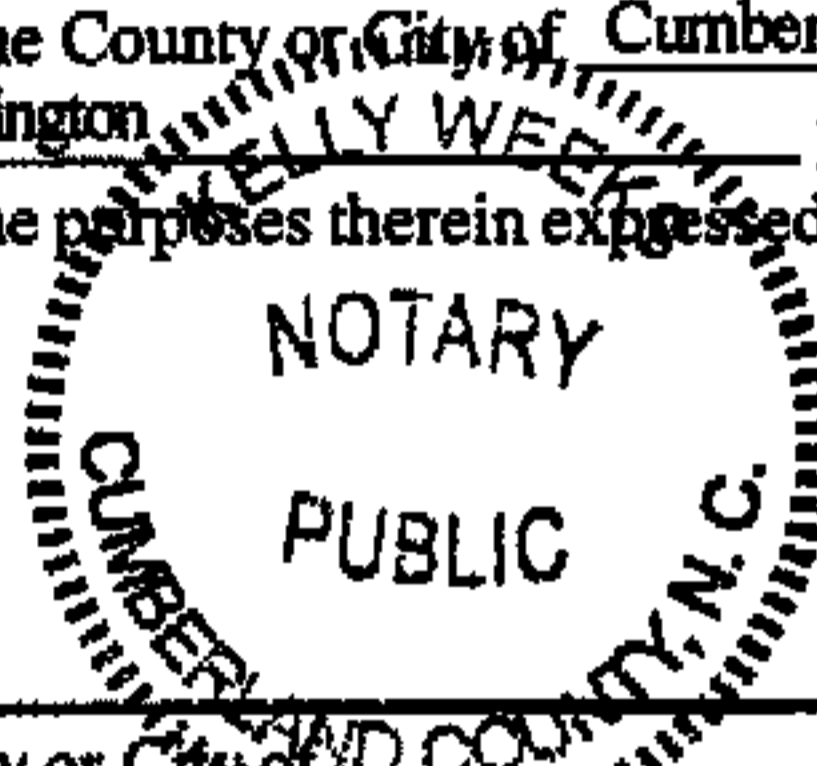
(SEAL)
Print/Type Name: _____

State of North Carolina - County or City of Hamett

I, the undersigned Notary Public of the County or City of Cumberland and State aforesaid, certify that Delores Thomas Turlington and Todd Steven Turlington personally appeared before me this day and acknowledged the due execution of the foregoing instrument for the purposes therein expressed. Witness my hand and Notarial stamp or seal this 21st day of October, 2021.

My Commission Expires: May 13, 2025
(Affix Seal)

Kelly Weeks
Kelly Weeks Notary Public
Notary's Printed or Typed Name



State of _____ - County or City of _____

I, the undersigned Notary Public of the County or City of _____ and State aforesaid, certify that _____ personally appeared before me this day and acknowledged the due execution of the foregoing instrument for the purposes therein expressed. Witness my hand and Notarial stamp or seal this _____ day of _____, 20____.

My Commission Expires: _____
(Affix Seal)

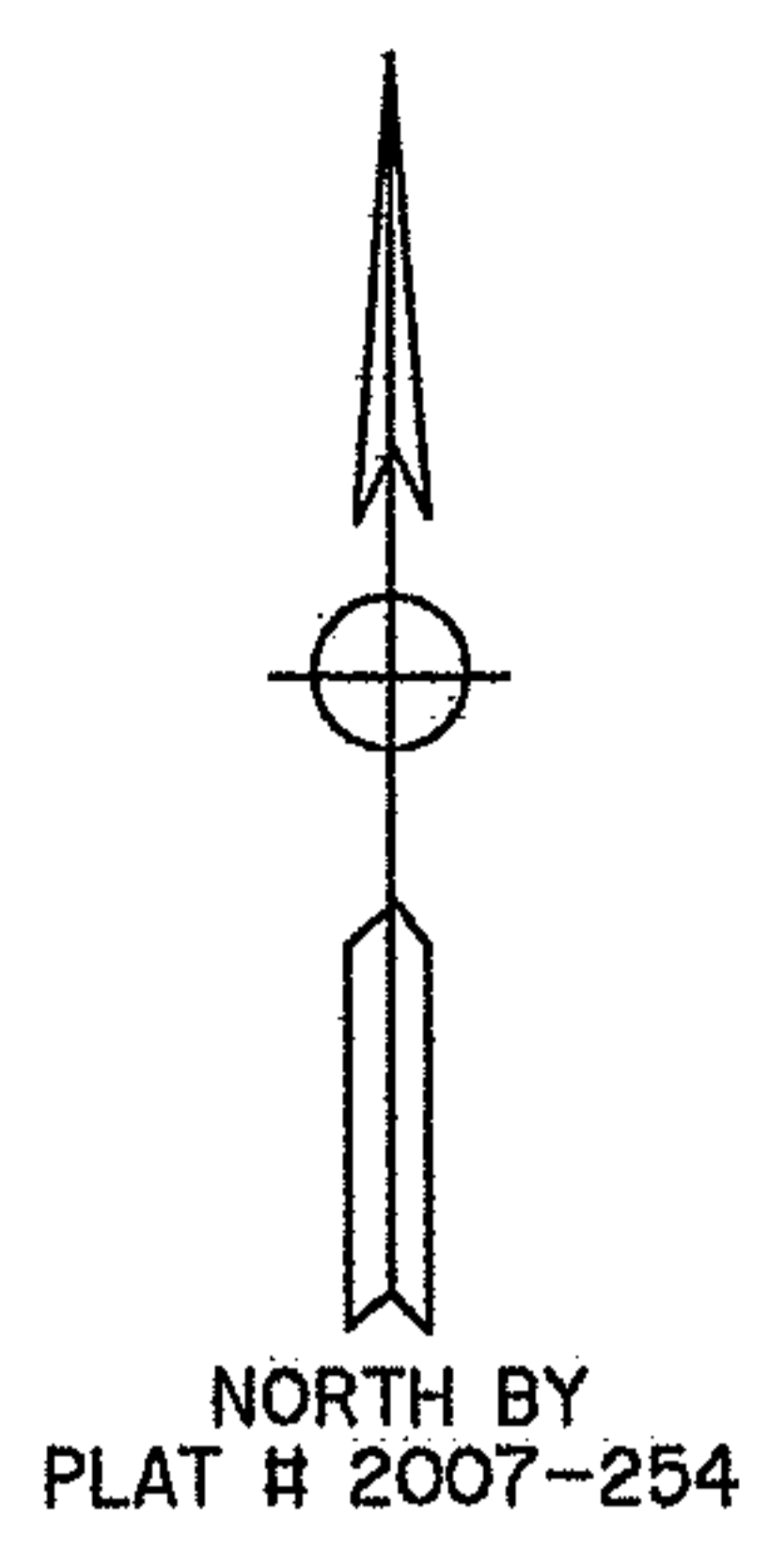
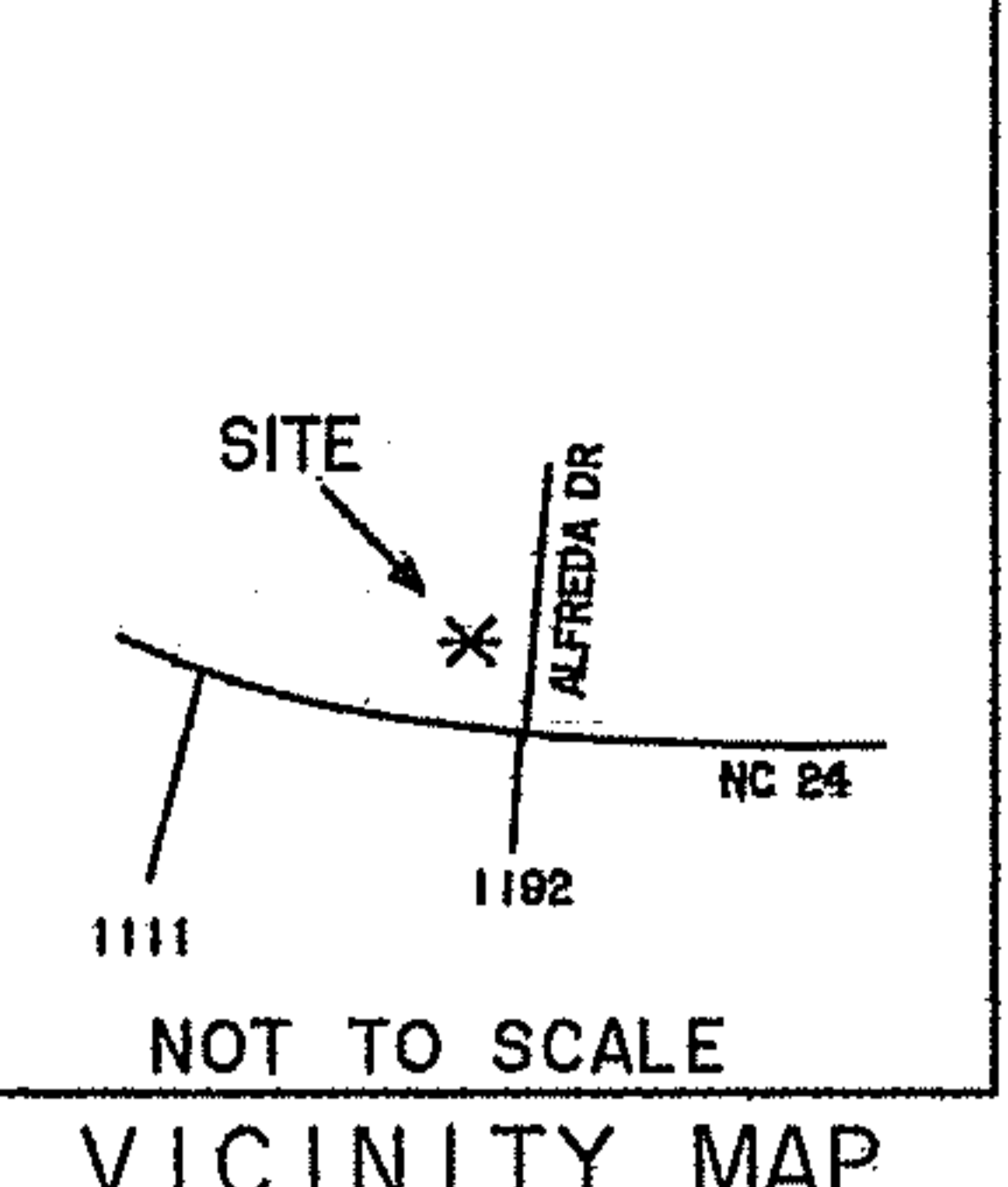
Notary Public
Notary's Printed or Typed Name

State of _____ - County or City of _____

I, the undersigned Notary Public of the County or City of _____ and State aforesaid, certify that _____ personally came before me this day and acknowledged that he is the _____ of _____, a North Carolina or _____ corporation/limited liability company/general partnership/limited partnership (strike through the inapplicable), and that by authority duly given and as the act of such entity, he signed the foregoing instrument in its name on its behalf as its act and deed. Witness my hand and Notarial stamp or seal, this _____ day of _____, 20____.

My Commission Expires: _____
(Affix Seal)

Notary Public
Notary's Printed or Typed Name



I, MELVIN A. GRAHAM, CERTIFY THAT THIS PLAT WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION (DEED DESCRIPTION RECORDED IN BOOK 4064, PAGE 355, ETC.); THAT THE BOUNDARIES NOT SURVEYED ARE CLEARLY INDICATED AS DRAWN FROM INFORMATION FOUND IN BOOK N/A, PAGE N/A; THAT THE RATIO OF PRECISION OR POSITIONAL ACCURACY AS CALCULATED IS 1:10,000; THAT THIS PLAT WAS PREPARED IN ACCORDANCE WITH G.S. 47-30 AS AMENDED. WITNESS MY ORIGINAL SIGNATURE, LICENSE NUMBER AND SEAL THIS 24 DAY OF MAY, A.D. 2022

Melvin A. Graham
MELVIN A. GRAHAM, PLS. REGISTRATION NUMBER L-3471

NOTE: THIS SURVEY IS OF ANOTHER CATEGORY, SUCH AS THE RECOMBINATION OF EXISTING PARCELS, A COURT-ORDERED SURVEY, OR OTHER EXCEPTION TO THE DEFINITION OF SUBDIVISION.
Melvin A. Graham
SURVEYOR

STATE OF NORTH CAROLINA
COUNTY OF HARNETT
I, *Sheila K. Bennett*, REVIEW OFFICER OF HARNETT COUNTY, CERTIFY THAT THE MAP OR PLAT TO WHICH THIS CERTIFICATION IS AFFIXED MEETS ALL STATUTORY REQUIREMENTS FOR RECORDING.
DATE: *5-23-22* REVIEW OFFICER: *Sheila K. Bennett*

NOTE: THIS PROPERTY IS SUBJECT TO ANY AND ALL EASEMENTS, RIGHT OF WAYS, AND AGREEMENTS OF RECORD PRIOR TO THIS PLAT.

NOTES:
PROPERTY CONSIST OF ALL OF THE ANDERSON CREEK RENTALS AND PROPERTIES, LLC PROPERTY AS RECORDED IN D.B. 4064, PG. 355 HARNETT COUNTY REGISTRY.

ALL AREAS BY COORDINATE METHOD
PROPERTY ZONED COMM
PROPERTY NOT IN A WATERSHED
COUNTY WATER & PRIVATE SEPTIC SYSTEM
TOTAL AREA = 3.22 AC.
REF: LOTS 2 & 4 P.C. F, SL. 521-A

FOR REGISTRATION
Matthew S. Willis
REGISTER OF DEEDS
Harnett County, NC
05/25/2022 at 10:52:46 AM
Bk 2022 Pg 242-242 (1)
Fee Amt: \$21.00
INSTRUMENT # 2022101416
VICTORIA RODRIGUEZ

LOT 2
PID # 09957502 0185 02
PIN # 9575-73-5360.000
REID # 0045143

LOT 4
PID # 09957502 0185 04
PIN # 9575-73-6737.000
REID # 0045145

NORTH CAROLINA, HARNETT COUNTY
PRESENTED FOR REGISTRATION ON THE 26 DAY
OF *May* 20 *2022* AT *A.M.*
RECORDED AT MAP NUMBER *2022-272*
Matthew S. Willis
REGISTER OF DEEDS - 488 T. DEPUTY
By: *Victoria G. Rodriguez*

TOWNSHIP	COUNTY	STATE
JOHNSONVILLE	HARNETT	NC
RECOMBINATIONSURVEY FOR	DATE:	
(OWNER)	05/23/2022	
ANDERSON CREEK RENTALS AND PROPERTIES, LLC	SCALE:	1" = 100'
37 JDE STREET	PROJECT:	5622
SPRING LAKE, NC 28390	REVISION:	
MELVIN A. GRAHAM, PLS.		
3679 NICHOLSON ROAD		
CAMERON, NC 28326		
PHONE (919)499-6174		

CERTIFICATE OF OWNERSHIP, DEDICATION AND JURISDICTION
I (WE) HEREBY CERTIFY THAT I AM (WE ARE) THE OWNER(S) OR AGENT OF THE PROPERTY SHOWN AND DESCRIBED HEREON AND THAT I (WE) HEREBY ADOPT THIS PLAN OF SUBDIVISION WITH MY (OUR) FREE CONSENT, ESTABLISH THE MINIMUM BUILDING SETBACK LINES, AND DEDICATE ALL STREETS, ALLEYS, WALKS, PARKS AND OTHER SITES AND EASEMENTS TO PUBLIC OR PRIVATE USE AS NOTED, AND ALL OF THE LAND SHOWN HEREON IS WITHIN THE SUBDIVISION REGULATION JURISDICTION OF HARNETT COUNTY EXCEPT:

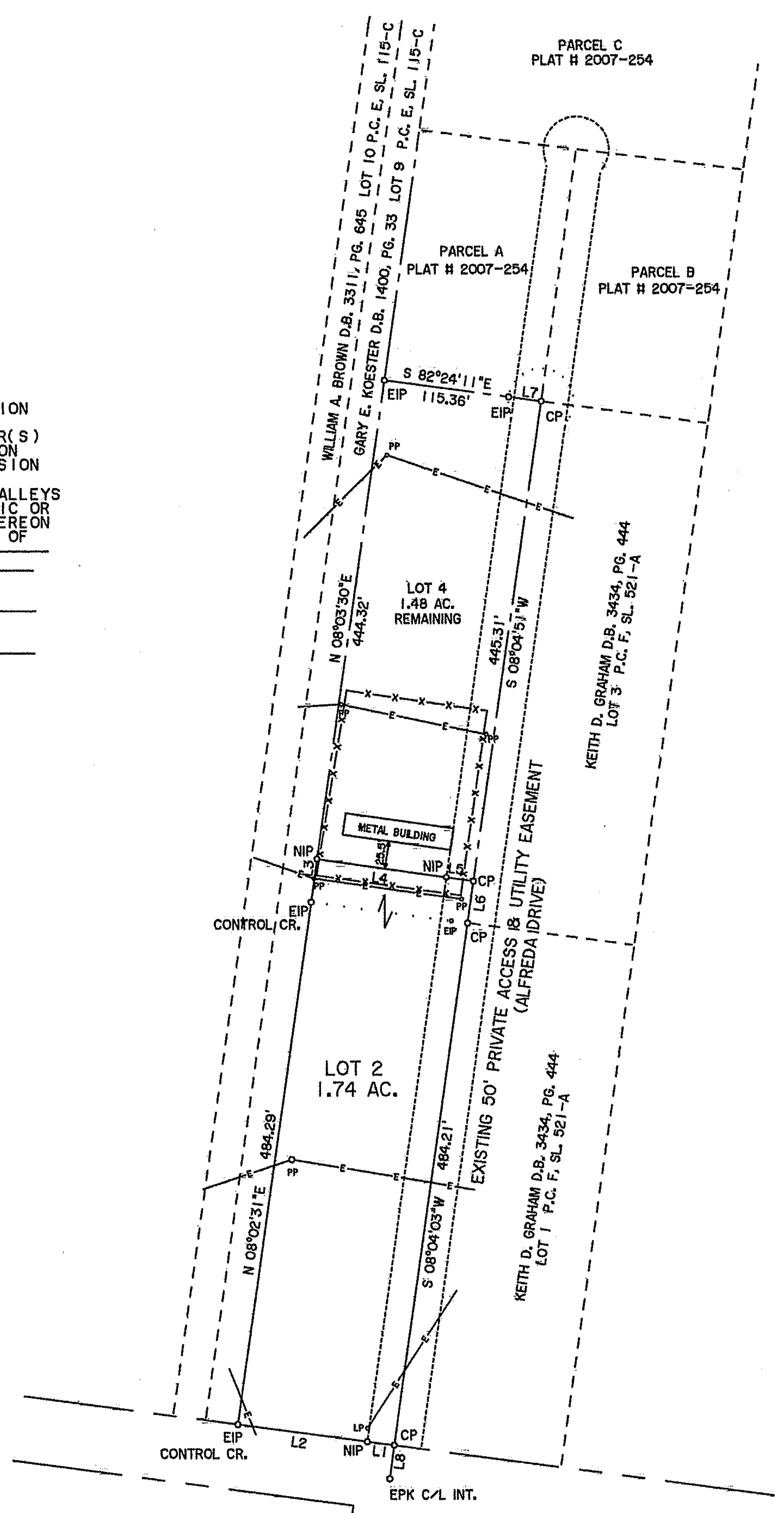
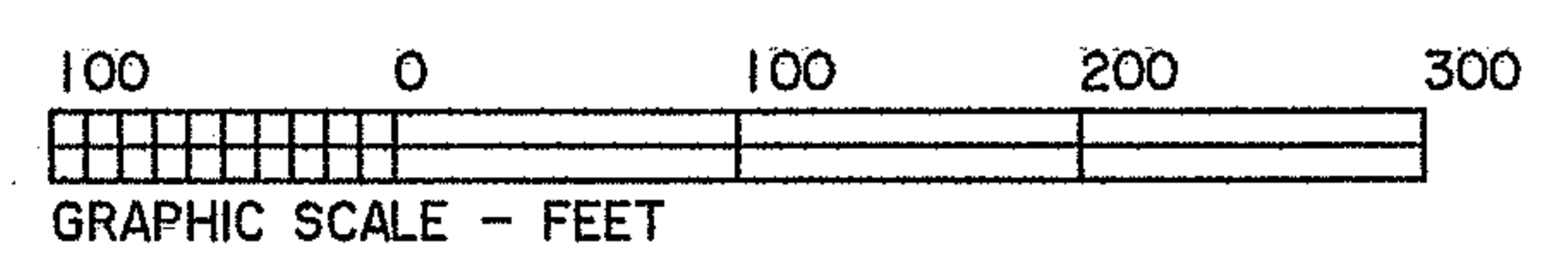
TAX PARCEL ID NUMBER
William P. Byrd
OWNER
OWNER

NOTE: THIS SURVEY IS EXEMPT FROM HARNETT COUNTY SUBDIVISION REGULATIONS BY DEFINITION.
Jordan Chubb *5-26-22*
COUNTY PLANNER DATE

COURSE	BEARING	DISTANCE
1	N 82°27'22"W	25.00'
2	N 82°27'22"W	119.99'
3	N 08°03'30"E	39.77'
4	S 81°59'53"E	120.21'
5	S 81°59'53"E	25.00'
6	S 08°04'51"W	38.69'
7	S 82°20'41"E	30.03'
8	N 07°36'20"E	31.07'

MINIMUM BUILDING SETBACKS
FRONT - 35'
SIDELINES - 10'
SIDE STREET - 20'
REAR - 25'

LEGEND:
EIP-EXISTING IRON PIPE OR IRON ROD
NIP-NEW IRON PIPE OR IRON ROD
NRRS-NEW RAILROAD SPIKE
ERRS-EXISTING RAILROAD SPIKE
NPK-NEW P.K. NAIL
EPK-EXISTING P.K. NAIL
ECM-EXISTING CONCRETE MONUMENT
C/L-CENTER LINE
PP-POWER POLE
LP-LIGHT POLE
R/W-RIGHT OF WAY
CP-CALCULATED POINT
-E- ELECTRICITY
* - GROUND ELEVATION
-X-X-X- FENCE

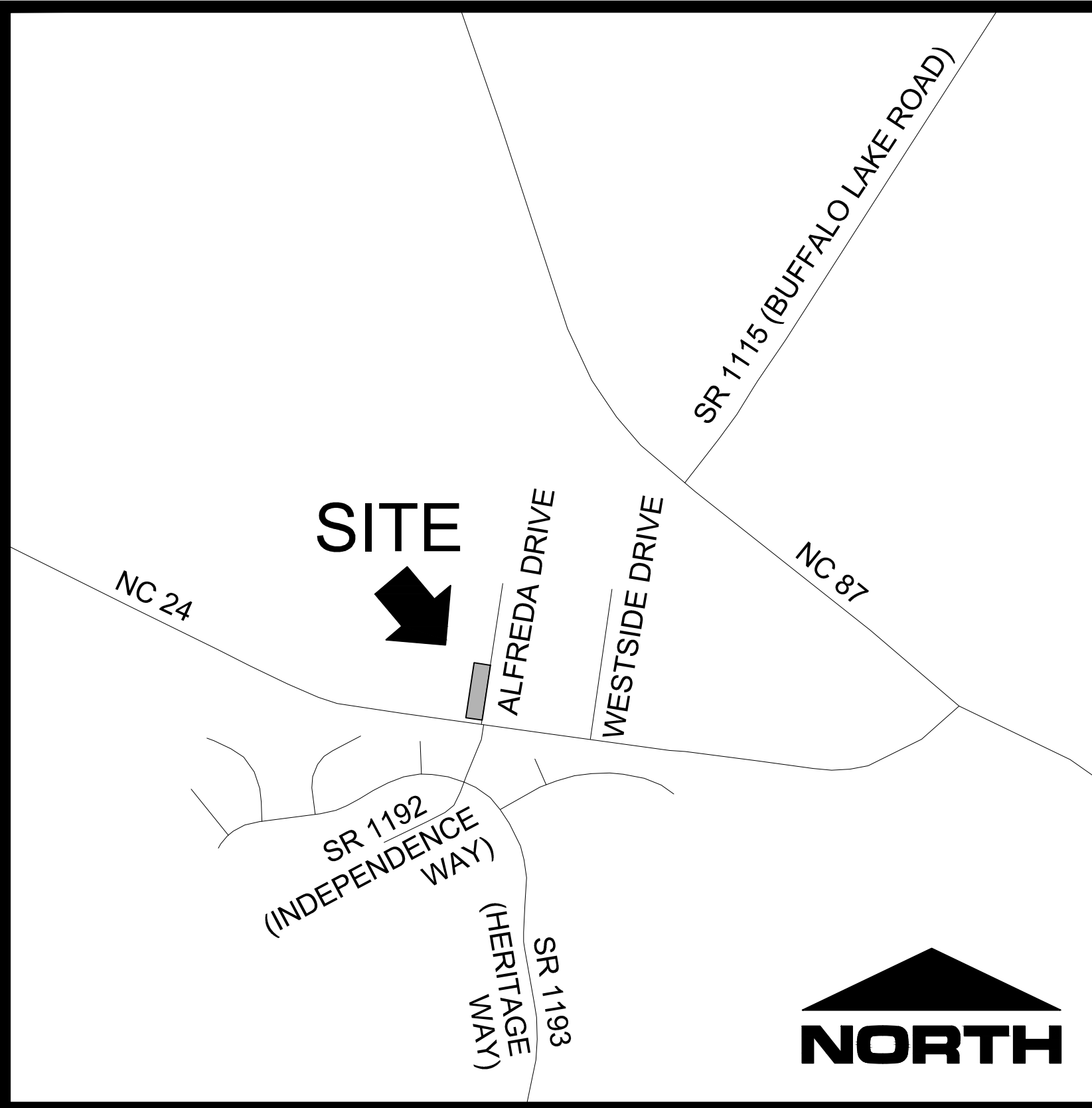


NC 24 60' R/W
60' R/W (PAVED ROAD)



EASY STORAGE SITE DEVELOPMENT PLANS

JOHNSONVILLE TOWNSHIP
CITY OF CAMERON, NORTH CAROLINA
HARNETT COUNTY



VICINITY MAP
NOT TO SCALE

REVISIONS

PROJECT NAME

EASY STORAGE

PIN: 9575-73-5360.000
NC HIGHWAY 24
JOHNSONVILLE TOWNSHIP
CITY OF CAMERON
HARNETT COUNTY
NORTH CAROLINA

CLIENT

**MIKE EVANS
DESIGN/BUILD**

912 Cedar Creek Road
Fayetteville, North Carolina 28312
Phone: (910) 486-5120

PROJECT INFORMATION

DESIGNED BY:	BRETT
DRAWN BY:	BRETT
CHECKED BY:	SCOTT
PROJECT NUMBER:	1980

DRAWING SCALE

SEE SHEETS

DATE RELEASED

OCTOBER 4, 2023

EXISTING UTILITY OWNER

WATER

HARNETT REGIONAL WATER
700 McKinney Parkway
Lilington, North Carolina 27546
910-893-7575
Contact: Jay Meyers, PE



INDEX OF DRAWINGS

- | | |
|---|--------------------------------|
| G1.0 - PROJECT NOTES | C5.0 - FIRELINE PROFILE |
| C1.0 - EXISTING CONDITIONS | C6.0 - SITE & EC DETAILS |
| C2.0 - SITE PLAN | C6.1 - EROSION CONTROL DETAILS |
| C3.0 - GRADING AND EROSION CONTROL PLAN | C6.2 - WATER DETAILS |
| C4.0 - UTILITY PLAN | |

CIVIL ENGINEER

4D SITE SOLUTIONS, INC.
409 Chicago Drive - Suite 112
Fayetteville, North Carolina 28306
910-426-6777
Contact: Scott Brown, PE
email: sbrown@4dsitesolutions.com

OWNER

ANDERSON CREEK RENTALS AND PROPERTIES, LLC
37 JDE Street
Spring Lake, NC 28390
910-850-5019
Contact: Rodney Haire
email: graham59@windstream.net

GENERAL CONTRACTOR

MIKE EVANS DESIGN/BUILD
912 Cedar Creek Road
Fayetteville, NC 28312
910-486-5120
Contact: Alex Parham
email: alex.parham@medbcinc.com

SURVEYOR

MELVIN A GRAHAM
3679 Nicholson Road
Cameron, North Carolina 28326
910-499-6174
Contact: Melvin Graham, PLS
email: graham59@windstream.net

THE CONTRACTOR MUST CONTACT NORTH CAROLINA ONE CALL CENTER AT 1-800-632-4949 A MINIMUM OF 72 HOURS PRIOR TO DIGGING IN ORDER TO HAVE THE EXISTING UTILITIES LOCATED



10-04-23

REVISIONS

PROJECT NAME

EASY STORAGE

PROJECT NOTES

CLIENT

**MIKE EVANS
DESIGN/BUILD**

912 Cedar Creek Road
 Fayetteville, North Carolina 28312
 Phone: (910) 486-5120

PROJECT INFORMATION

DESIGNED BY:	BRETT
DRAWN BY:	BRETT
CHECKED BY:	SCOTT
PROJECT NUMBER:	1980

DRAWING SCALE

SEE SHEETS

DATE RELEASED

OCTOBER 4, 2023

SHEET NUMBER

G-1.0

2022 HRW REQUIRED UTILITY NOTES

(REVISION 10- APRIL 19, 2022)

THE FOLLOWING UTILITY NOTES SHOULD BE ADDED TO THE COVERSHEET OF UTILITY PLANS FOR PROJECTS LOCATED IN HARNETT COUNTY:

WATER

- A. THE FIRE MARSHAL'S OFFICE SHALL APPROVE ALL HYDRANT TYPES AND LOCATIONS IN NEW SUBDIVISIONS. HOWEVER, HARNETT REGIONAL WATER (HRW) PREFERENCES THE CONTRACTORS TO INSTALL ONE OF THE FOLLOWING FIRE HYDRANTS:
 1. MUELLER - SUPER CENTURION 250 A-423 MODEL WITH A 5/4" MAIN VALVE OPENING THREE WAY (TWO HOSE NOZZLES AND ONE PUMPER NOZZLE);
 2. AMERICAN DARLING - MARK B-84-B MODEL WITH A 5/4" MAIN VALVE OPENING THREE WAY (TWO HOSE NOZZLES AND ONE PUMPER NOZZLE);
 3. WATEROUS - PACER B-67-250 MODEL WITH A 5/4" MAIN VALVE OPENING THREE WAY (TWO HOSE NOZZLES AND ONE PUMPER NOZZLE) OR APPROVED EQUAL FOR STANDARDIZATION.

*ALL FIRE HYDRANTS LISTED ABOVE MUST HAVE "AMERICAN NATIONAL FIRE HOSE CONNECTION SCREW THREADS" NST/NH HOSE THREADS.
- B. FIRE HYDRANTS ARE INSTALLED AT CERTAIN ELEVATIONS. ANY GRADE CHANGE NEAR ANY FIRE HYDRANT, WHICH IMPEDES ITS OPERATION, SHALL BECOME THE RESPONSIBILITY OF THE UTILITY CONTRACTOR FOR CORRECTION. CORRECTIONS WILL BE MONITORED BY THE HRW UTILITY CONSTRUCTION INSPECTOR AND THE HARNETT COUNTY FIRE MARSHAL.
- C. THE PROFESSIONAL ENGINEER (PE) SHALL OBTAIN AND PROVIDE THE NCDOT "AUTHORIZATION TO CONSTRUCT" PERMIT TO THE UTILITY CONTRACTOR BEFORE THE CONSTRUCTION OF THE WATER LINE SHALL BEGIN. THE UTILITY CONTRACTOR MUST POST A COPY OF THE NCDOT "AUTHORIZATION TO CONSTRUCT" PERMIT ISSUED BY THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENTAL QUALITY (NCEQ) ON SITE PRIOR TO THE START OF CONSTRUCTION. THE PERMIT MUST BE MAINTAINED ON SITE THROUGHOUT THE ENTIRE CONSTRUCTION PROCESS OF THE PROPOSED WATER LINES THAT WILL SERVE THIS PROJECT.
- D. THE UTILITY CONTRACTOR SHALL NOTIFY HARNETT REGIONAL WATER (HRW) AND THE PROFESSIONAL ENGINEER (PE) AT LEAST TWO DAYS PRIOR TO CONSTRUCTION COMMENCING. THE UTILITY CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION CONFERENCE WITH MR. CHAD EVERETTE, HRW UTILITY CONSTRUCTION INSPECTOR AT LEAST TWO (2) DAYS BEFORE CONSTRUCTION WILL BEGIN AND THE UTILITY CONTRACTOR MUST COORDINATE WITH HRW FOR REGULAR INSPECTION VISITATIONS AND ACCEPTANCE OF THE WATER SYSTEM(S). CONSTRUCTION WORK SHALL BE PERFORMED ONLY DURING THE NORMAL WORKING HOURS OF HRW WHICH IS 8:00 AM - 5:00 PM MONDAY THROUGH FRIDAY. HOLIDAY AND WEEKEND WORK IS NOT PERMITTED BY HRW.
- E. THE PROFESSIONAL ENGINEER (PE) SHALL PROVIDE HRW AND THE UTILITY CONTRACTOR WITH A SET OF NCEQ APPROVED PLANS MARKED "RELEASED FOR CONSTRUCTION" AT LEAST TWO DAYS PRIOR TO CONSTRUCTION COMMENCING. THE REGISTERED LAND SURVEYOR (RLS) SHOULD STAKE OUT ALL LOT CORNERS AND THE GRADE STAKES FOR THE PROPOSED FINISH GRADE FOR EACH STREET BEFORE THE UTILITY CONTRACTOR BEGINS CONSTRUCTION OF THE WATER LINE(S). THE GRADE STAKES SHOULD BE SET WITH A CONSISTENT OFFSET FROM THE STREET CENTERLINE SO AS NOT TO INTERFERE WITH THE STREET GRADING AND UTILITY CONSTRUCTION.
- F. THE UTILITY CONTRACTOR SHALL PROVIDE THE HRW UTILITY CONSTRUCTION INSPECTOR WITH MATERIAL SUBMITTALS AND SHOP DRAWINGS FOR ALL PROJECT MATERIALS PRIOR TO THE CONSTRUCTION OF ANY WATER LINE EXTENSION(S), AND ASSOCIATED WATER SERVICES IN HARNETT COUNTY. THE MATERIALS TO BE USED ON THE PROJECT MUST MEET THE ESTABLISHED SPECIFICATIONS OF HRW AND BE APPROVED BY THE ENGINEER OF RECORD PRIOR TO CONSTRUCTION. ALL SUBSTANDARD MATERIALS OR MATERIALS NOT APPROVED FOR USE IN HARNETT COUNTY FOUND ON THE PROJECT SITE MUST BE REMOVED IMMEDIATELY WHEN NOTIFIED BY THE HRW UTILITY CONSTRUCTION INSPECTOR.
- G. THE WATER MAIN(S), FIRE HYDRANTS, SERVICE LINES, METER SETTERS AND ALL ASSOCIATED APPURTENANCES SHALL BE CONSTRUCTED IN STRICT ACCORDANCE WITH THE STANDARD SPECIFICATIONS OF THE HARNETT REGIONAL WATER (HRW). THE UTILITY CONTRACTOR SHALL BE RESPONSIBLE TO LOCATE THE NEWLY INSTALLED WATER MAIN(S), WATER SERVICE LINES AND ALL ASSOCIATED METER SETTERS AND METER BOXES FOR OTHER UTILITY COMPANIES AND THEIR CONTRACTORS UNTIL THE NEW WATER MAIN(S) HAVE BEEN APPROVED BY THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENTAL QUALITY, DIVISION OF ENVIRONMENTAL HEALTH, PUBLIC WATER SUPPLY SECTION (NCEQ, DEH, PWS) AND ACCEPTED BY HRW.
- H. PRIOR TO ACCEPTANCE, ALL SERVICES WILL BE INSPECTED TO ENSURE THAT THEY ARE INSTALLED AT THE PROPER DEPTH. ALL METER BOXES MUST BE FLUSH WITH THE GROUND LEVEL AT FINISH GRADE AND THE METER SETTERS MUST BE A MINIMUM OF 8" BELOW THE METER BOX LID. METER SETTERS SHALL BE CENTERED IN THE METER BOX AND SUPPORTED BY BRICK, BLOCK OR STONE.
- I. THE UTILITY CONTRACTOR SHALL PROVIDE THE PROFESSIONAL ENGINEER (PE) AND HRW UTILITY CONSTRUCTION INSPECTOR WITH A SET OF RED LINE DRAWINGS IDENTIFYING THE COMPLETE WATER SYSTEM INSTALLED FOR EACH PROJECT. THE RED LINE DRAWINGS SHOULD IDENTIFY THE MATERIALS, PIPE SIZES AND APPROXIMATE DEPTHS OF THE WATER LINES AS WELL AS THE GATE VALVES, FIRE HYDRANTS, METER SETTERS, BLOW OFF ASSEMBLIES AND ALL ASSOCIATED APPURTENANCES FOR ALL WATER LINE(S) CONSTRUCTED IN HARNETT COUNTY. THE RED LINE DRAWINGS SHOULD CLEARLY IDENTIFY ANY DEVIATIONS FROM THE NCEQ APPROVED PLANS. ALL CHANGE ORDERS MUST BE APPROVED BY HRW AND THE PROFESSIONAL ENGINEER (PE) IN WRITING AND PROPERLY DOCUMENTED IN THE RED LINE FIELD DRAWINGS.
- J. POTABLE WATER MAINS CROSSING OTHER UTILITIES AND NON-POTABLE WATER LINES (SANITARY SEWER, STORM SEWER, RCP, ETC.) SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL DISTANCE OF TWENTY-FOUR (24") INCHES BETWEEN THE POTABLE WATER MAIN AND ALL OTHER UTILITIES. NCDOT REQUIRES THE NEW WATER MAINS BE INSTALLED UNDER THE STORM WATER LINES. THE POTABLE WATER MAIN SHALL BE INSTALLED WITH TWENTY-FOUR (24") INCHES OF VERTICAL SEPARATION AND WITH DUCTILE IRON PIPE WHEN DESIGNED TO BE PLACED UNDER A NON- POTABLE WATER LINE SUCH AS SANITARY SEWER OR STORM SEWER LINES. IF THESE SEPARATIONS CANNOT BE MAINTAINED THEN THE WATER MAIN SHALL BE INSTALLED WITH DUCTILE IRON PIPE. BOTH THE POTABLE WATER MAIN AND THE NON-POTABLE WATER LINE MUST BE CAST IRON OR DUCTILE IRON PIPE (DIP) IF THE STATE MINIMUM SEPARATIONS CANNOT BE MAINTAINED. THE DUCTILE IRON PIPE MUST BE LAID SO THE MECHANICAL JOINTS ARE AT LEAST (10') FEET FROM THE POINT WHERE THE POTABLE WATER MAIN CROSSES THE NON-POTABLE WATER LINE.
- K. POTABLE WATER MAINS INSTALLED PARALLEL TO NON-POTABLE WATER LINES (SANITARY SEWER, STORM SEWER, RCP, ETC.) SHALL BE LAID TO PROVIDE A MINIMUM HORIZONTAL DISTANCE OF TEN (10') FEET BETWEEN THE POTABLE WATER MAIN AND SANITARY SEWER MAINS, SEWER LATERALS AND SERVICES. THE HORIZONTAL SEPARATION BETWEEN THE POTABLE WATER MAIN AND ANY OTHER UTILITY OR STORM SEWER SHALL NOT BE LESS THAN FIVE (5') FEET. THE POTABLE WATER MAIN MUST BE DUCTILE IRON PIPE IF THIS HORIZONTAL SEPARATION OF TEN (10') FEET CANNOT BE MAINTAINED. THE DUCTILE IRON PIPE SHALL EXTEND AT LEAST TEN (10') FEET BEYOND THE POINT WHERE THE MINIMUM REQUIRED HORIZONTAL SEPARATION OF TEN (10') FEET CAN BE RE-ESTABLISHED.
- L. METER SETTERS SHALL BE INSTALLED IN PAIRS ON EVERY OTHER LOT LINE WHERE POSSIBLE TO LEAVE ADEQUATE SPACE FOR OTHER UTILITIES TO BE INSTALLED AT A LATER TIME. THE METER SETTERS SHALL BE INSTALLED AT LEAST ONE (1') FOOT INSIDE THE RIGHT-OF-WAY AND AT LEAST THREE (3') TO FIVE (5') FEET FROM THE PROPERTY LINE BETWEEN THE LOTS.
- M. HRW REQUIRES THAT METER BOXES FOR 3/4" SERVICES SHALL BE 12" WIDE X 17" LONG ABS PLASTIC BOXES AT LEAST 8" IN HEIGHT WITH CAST IRON LIDS/COVERS. METER BOXES FOR 1" SERVICES SHALL BE 17" WIDE X 21" LONG ABS PLASTIC BOXES AT LEAST 18" IN HEIGHT WITH PLASTIC LIDS AND CAST IRON FLIP COVERS IN THE CENTER OF THE LIDS. METER BOXES FOR 2" SERVICES SHALL BE 20" WIDE X 32" LONG ABS PLASTIC BOXES AT LEAST 20" IN HEIGHT WITH PLASTIC LIDS AND CAST IRON FLIP COVERS IN THE CENTER OF THE LIDS.
- N. MASTER METERS MUST BE INSTALLED IN CONCRETE VAULTS SIZED FOR THE METER ASSEMBLY AND ASSOCIATED APPURTENANCES SO AS TO PROVIDE AT LEAST EIGHTEEN (18") INCHES OF CLEARANCE BETWEEN THE BOTTOM OF THE CONCRETE VAULT AND THE BOTTOM OF THE METER SETTER. THE MASTER METER MUST BE PROVIDED TEST PORTS IF THE METER IS NOT EQUIPPED WITH TEST PORTS FROM THE MANUFACTURER IN ACCORDANCE WITH THE HRW ESTABLISHED STANDARD SPECIFICATIONS AND DETAILS. DUCTILE IRON PIPE MUST BE USED FOR THE MASTER METER VAULT PIPING AND VALVE VAULT PIPING. THE UTILITY CONTRACTOR MUST PROVIDE SHOP DRAWINGS FOR THE METER VAULTS TO HRW PRIOR TO ORDERING THE CONCRETE VAULTS.
- O. THE UTILITY CONTRACTOR WILL INSTALL POLYETHYLENE SDR-9 WATER SERVICE LINES THAT CROSS UNDER THE PAVEMENT INSIDE A SCHEDULE 40 PVC CONDUIT TO ALLOW FOR REMOVAL AND REPLACEMENT IN THE FUTURE. TWO (2) INDEPENDENT 3/4" WATER SERVICE LINES MAY BE INSTALLED INSIDE ONE (1) - TWO (2)" INCH SCHEDULE 40 PVC CONDUIT OR TWO (2) INDEPENDENT 1" WATER SERVICE LINES MAY BE INSTALLED INSIDE ONE
 - (1) - THREE (3)" INCH SCHEDULE 40 PVC CONDUIT, BUT EACH WATER SERVICE SHALL BE TAPPED DIRECTLY TO THE WATER MAIN. SPLIT SERVICES ARE NOT ALLOWED BY HRW. IF

- SIDEWALKS ARE PROPOSED, THE CONDUIT MUST EXTEND PAST THE SIDEWALK.
- P. THE WATER MAIN(S), FIRE HYDRANTS, GATE VALVES, SERVICE LINES, METER SETTERS AND ASSOCIATED APPURTENANCES MUST BE RATED FOR 200 PSI AND HYDROSTATICALLY PRESSURE TESTED TO 200 PSI. THE HYDROSTATIC PRESSURE TEST(S) MUST BE WITNESSED BY THE HRW UTILITY CONSTRUCTION INSPECTOR. THE UTILITY CONTRACTOR MUST NOTIFY HRW WHEN THEY ARE READY TO BEGIN FILLING IN LINES AND COORDINATE WITH HARNETT REGIONAL WATER TO WITNESS ALL PRESSURE TESTING.
- Q. THE UTILITY CONTRACTOR SHALL CONDUCT A PNEUMATIC PRESSURE TEST USING COMPRESSED AIR OR OTHER INERT GAS ON THE STAINLESS STEEL TAPPING SLEEVE(S) PRIOR TO MAKING THE TAP ON THE EXISTING WATER MAIN. THIS PNEUMATIC PRESSURE TEST MUST BE WITNESSED BY THE HRW UTILITY CONSTRUCTION INSPECTOR. THE UTILITY CONTRACTOR SHALL USE ROMAC BRAND STAINLESS STEEL TAPPING SLEEVE(S) OR APPROVED EQUAL FOR ALL TAPS MADE IN HARNETT COUNTY. ALL NEW WATER LINE EXTENSIONS MUST BEGIN WITH A RESILIENT WEDGE TYPE GATE VALVE SIZED EQUAL TO THE DIAMETER OF THE NEW WATER LINE EXTENSION IN ORDER TO PROVIDE A MEANS OF ISOLATION BETWEEN HARNETT REGIONAL WATER'S EXISTING WATER MAINS AND THE NEW WATER LINE EXTENSIONS UNDER CONSTRUCTION.
- R. ALL WATER MAINS WILL BE CONSTRUCTED WITH SDR-21 PVC PIPE OR CLASS 50 DUCTILE IRON PIPE RATED FOR AT LEAST 200 PSI OR GREATER. ALL PIPES MUST BE PROTECTED DURING LOADING, TRANSPORT, UNLOADING, STAGING, AND INSTALLATION. PVC PIPE MUST BE PROTECTED FROM EXTENDED EXPOSURE TO SUNLIGHT PRIOR TO INSTALLATION.
- S. ALL WATER MAINS WILL BE FLUSHED AND DISINFECTED IN STRICT ACCORDANCE WITH THE STANDARD SPECIFICATIONS OF THE HARNETT REGIONAL WATER. ALL WATER SAMPLES COLLECTED FOR BACTERIA TESTING WILL BE COLLECTED BY THE HRW UTILITY CONSTRUCTION INSPECTOR AND TESTED IN THE HRW LABORATORY.
- T. ALL FITTINGS LARGER THAN TWO (2") INCHES DIAMETER SHALL BE DUCTILE IRON. HRW REQUIRES THAT MECHANICAL JOINTS BE ASSEMBLED WITH GRIP RINGS AS "MEGALUG" FITTINGS ARE NOT APPROVED BY HARNETT REGIONAL WATER FOR PIPE SIZES SMALLER THAN TWELVE INCHES (12") DIAMETER. PVC PIPE USED FOR WATER MAINS SHALL BE CONNECTED BY SLIP JOINT OR MECHANICAL JOINT WITH GRIP RINGS. GLUED PIPE JOINTS ARE NOT ALLOWED ON PVC PIPE USED FOR WATER MAINS IN HARNETT COUNTY.
- U. HRW REQUIRES THAT THE UTILITY CONTRACTOR INSTALL TRACER WIRE IN THE TRENCH WITH ALL WATER LINES. THE TRACER WIRE SHALL BE 12 GA. INSULATED, SOLID COPPER CONDUCTOR AND IT SHALL BE TERMINATED AT THE TOP OF THE VALVE BOXES OR MANHOLES. NO SPLICED WIRE CONNECTIONS SHALL BE MADE UNDERGROUND ON TRACER WIRE INSTALLED IN HARNETT COUNTY. THE TRACER WIRE MAY BE SECURED WITH DUCT TAPE TO THE TOP OF THE PIPE BEFORE BACKFILLING.
- V. THE UTILITY CONTRACTOR WILL PROVIDE PROFESSIONAL ENGINEER (PE) AND THE HRW UTILITY CONSTRUCTION INSPECTOR WITH A SET OF RED LINE FIELD DRAWINGS TO IDENTIFY THE INSTALLED LOCATIONS OF THE WATER LINE(S) AND ALL ASSOCIATED SERVICES. ALL CHANGE ORDERS MUST BE PRE-APPROVED BY HRW AND THE PROFESSIONAL ENGINEER (PE) IN WRITING AND PROPERLY DOCUMENTED IN THE RED LINE FIELD DRAWINGS.
- W. THE UTILITY CONTRACTOR SHALL SPOT DIG TO EXPOSE EACH UTILITY PIPE OR LINE WHICH MAY CONFLICT WITH CONSTRUCTION OF PROPOSED WATER LINE EXTENSIONS WELL IN ADVANCE TO VERIFY LOCATIONS OF THE EXISTING UTILITIES. THE UTILITY CONTRACTOR SHALL PROVIDE BOTH HORIZONTAL AND VERTICAL CLEARANCES TO THE PROFESSIONAL ENGINEER (PE) TO ALLOW THE PE TO ADJUST THE WATER LINE DESIGN IN ORDER TO AVOID CONFLICTS WITH EXISTING UNDERGROUND UTILITIES. THE UTILITY CONTRACTOR SHALL COORDINATE WITH THE UTILITY OWNER AND BE RESPONSIBLE FOR TEMPORARY RELOCATION AND/OR SECURING EXISTING UTILITY POLES, PIPES, WIRES, CABLES, SIGNS AND/OR UTILITIES INCLUDING SERVICES IN ACCORDANCE WITH THE UTILITY OWNER REQUIREMENTS DURING WATER LINE INSTALLATION, GRADING AND STREET CONSTRUCTION.
- X. PRIOR TO THE COMMENCEMENT OF ANY WORK WITHIN ESTABLISHED UTILITY EASEMENTS OR NCDOT RIGHT-OF-WAYS THE UTILITY CONTRACTOR IS REQUIRED TO HAVE A SIGNED NCDOT ENCROACHMENT AGREEMENT POSTED ON SITE AND NOTIFY ANY CONCERNED UTILITY COMPANIES IN ACCORDANCE WITH G.S. 87-102. THE UTILITY CONTRACTOR MUST CALL THE NC ONE CALL CENTER AT 811 OR (800) 632-4949 TO VERIFY THE LOCATION OF EXISTING UTILITIES PRIOR TO THE BEGINNING OF CONSTRUCTION. EXISTING UTILITIES SHOWN IN THESE PLANS ARE TAKEN FROM MAPS FURNISHED BY VARIOUS UTILITY COMPANIES AND HAVE NOT BEEN PHYSICALLY LOCATED OR VERIFIED BY THE P.E. (I.E. TELEPHONE, CABLE, WATER, SEWER, ELECTRICAL POWER, FIBER OPTIC, NATURAL GAS, ETC.). THE UTILITY CONTRACTOR WILL BE RESPONSIBLE TO REPAIR ANY AND ALL DAMAGES TO THE SATISFACTION OF THE RELATED UTILITY COMPANY.
- Y. THE UTILITY CONTRACTOR SHALL PROVIDE HRW WITH AT LEAST ONE (1) FIRE HYDRANT WRENCH AND ONE (1) BREAK-AWAY FLANGE KIT FOR EVERY SUBDIVISION WITH FIRE HYDRANTS DEVELOPED IN HARNETT COUNTY. THESE ITEMS MUST BE PROVIDED TO HRW BEFORE THE FINAL INSPECTION WILL BE SCHEDULED BY THE HRW UTILITY CONSTRUCTION INSPECTOR. IN ADDITION, THE UTILITY CONTRACTOR SHALL INSTALL A 4" X 4" CONCRETE VALVE MARKER AT THE EDGE OF THE RIGHT-OF-WAY TO IDENTIFY THE LOCATION OF EACH GATE VALVE INSTALLED IN THE NEW WATER SYSTEM WITH THE EXCEPTION OF THE FIRE HYDRANT ISOLATION VALVES. THE CONTRACTOR SHALL MEASURE THE DISTANCE FROM THE CENTER OF THE CONCRETE MARKER TO THE CENTER OF THE VALVE BOX. THIS DISTANCE (IN LINEAR FEET) SHALL BE STAMPED ON THE BRASS PLATE LOCATED ON THE TOP OF THE CONCRETE VALVE MARKER. IN LIEU OF INSTALLING THE CONCRETE VALVE MARKERS, THE UTILITY CONTRACTOR MAY PROVIDE AT LEAST TWO MEASUREMENTS FROM TWO INDEPENDENT PERMANENT ABOVE GROUND STRUCTURES TO THE PROFESSIONAL ENGINEER (PE) IN THE RED LINE DRAWINGS TO IDENTIFY THE VALVE LOCATIONS. THE PROFESSIONAL ENGINEER (PE) MUST INCLUDE THESE MEASUREMENTS IN THE AS-BUILT RECORD DRAWINGS SUBMITTED TO HRW.
- Z. THE UTILITY CONTRACTOR WILL BE RESPONSIBLE FOR ANY AND ALL REPAIRS DUE TO LEAKAGE DAMAGE FROM POOR WORKMANSHIP DURING THE ONE
 - (1) YEAR WARRANTY PERIOD ONCE THE WATER SYSTEM IMPROVEMENTS HAVE BEEN ACCEPTED BY HARNETT REGIONAL WATER. HARNETT REGIONAL WATER WILL PROVIDE MAINTENANCE AND REPAIRS WHEN REQUESTED AND BILL THE DEVELOPER AND/OR UTILITY CONTRACTOR IF NECESSARY DUE TO LACK OF RESPONSE WITHIN 48 HOURS OF NOTIFICATION OF WARRANTY WORK. THE UTILITY CONTRACTOR WILL BE RESPONSIBLE FOR ANY AND ALL REPAIRS DUE TO DAMAGES RESULTING FROM FAILURE TO LOCATE THE NEW WATER LINES AND ASSOCIATED APPURTENANCES FOR OTHER UTILITIES AND THEIR CONTRACTORS UNTIL THE WATER LINES HAVE BEEN APPROVED BY NODQ AND ACCEPTED BY HRW. THE FINAL INSPECTION OF WATER SYSTEM IMPROVEMENTS CANNOT BE SCHEDULED WITH HRW UNTIL THE STREETS HAVE BEEN PAVED; THE RIGHTS-OF-WAY AND UTILITY EASEMENTS HAVE BEEN SEEDED AND STABILIZED WITH AN ADEQUATE STAND OF GRASS IN PLACE TO PREVENT EROSION ISSUES ON SITE.
- AA. THE ENGINEER OF RECORD IS RESPONSIBLE TO ENSURE THAT CONSTRUCTION IS, AT ALL TIMES, IN COMPLIANCE WITH ACCEPTED SANITARY ENGINEERING PRACTICES AND APPROVED PLANS AND SPECIFICATIONS. NO FIELD CHANGES TO THE APPROVED PLANS ARE ALLOWED WITHOUT PRIOR WRITTEN APPROVAL BY HRW. A COPY OF EACH ENGINEER'S FIELD REPORT IS TO BE SUBMITTED TO HRW AS EACH SUCH INSPECTION IS MADE ON SYSTEM IMPROVEMENTS OR TESTING IS PERFORMED BY THE CONTRACTOR. WATER AND SEWER INFRASTRUCTURE MUST PASS ALL TESTS REQUIRED BY HRW SPECIFICATIONS AND THOSE OF ALL APPLICABLE REGULATORY AGENCIES. THESE TESTS INCLUDE, BUT ARE NOT LIMITED TO: AIR TEST, VACUUM TEST, MANDREL TEST, VISUAL TEST, PRESSURE TEST, BACTERIOLOGICAL TEST, ETC. A HRW INSPECTOR MUST BE PRESENT DURING TESTING AND ALL TEST RESULTS SHALL BE SUBMITTED TO HRW. ALL TESTS MUST BE SATISFIED BEFORE THE FINAL INSPECTION WILL BE SCHEDULED WITH THE HRW INSPECTOR. THE ENGINEER OF RECORD MUST REQUEST IN WRITING TO SCHEDULE THE FINAL INSPECTION ONCE ALL CONSTRUCTION IS COMPLETE. THE DEVELOPER'S ENGINEER OF RECORD AND THE HRW UTILITY CONSTRUCTION INSPECTOR SHALL PREPARE A WRITTEN PUNCH LIST OF ANY DEFECTS OR DEFICIENCIES NOTED DURING THE FINAL INSPECTION, SHOULD ANY EXIST. UPON COMPLETION OF THE PUNCH LIST, THE DEVELOPER'S ENGINEER OF RECORD WILL SCHEDULE ANOTHER INSPECTION. IN THE EVENT THE NUMBER OF INSPECTIONS PERFORMED BY THE HRW EXCEEDS TWO, ADDITIONAL FEES MAY BE ASSESSED TO THE DEVELOPER.



REVISIONS

PROJECT NAME

EASY STORAGE

EXISTING CONDITIONS

CLIENT

MIKE EVANS DESIGN/BUILD

912 Cedar Creek Road
 Fayetteville, North Carolina 28312
 Phone: (910) 486-5120

PROJECT INFORMATION

SURVEYED BY:	M.A.G
DRAWN BY:	M.A.G
CHECKED BY:	M.A.G
PROJECT NUMBER:	1980

DRAWING SCALE

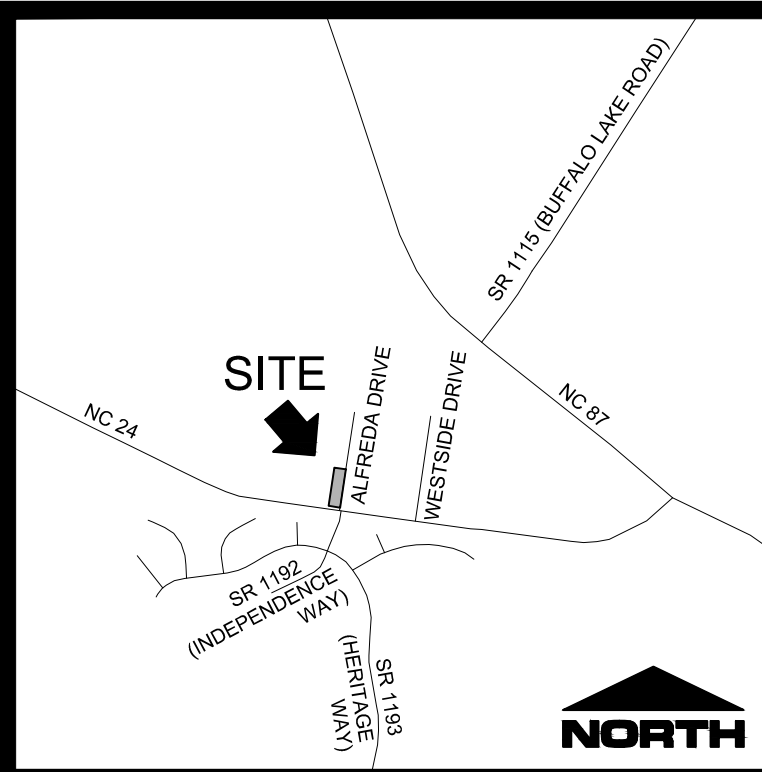
HORIZONTAL: 1"=30'

DATE SURVEYED

FEBRUARY 14, 2023

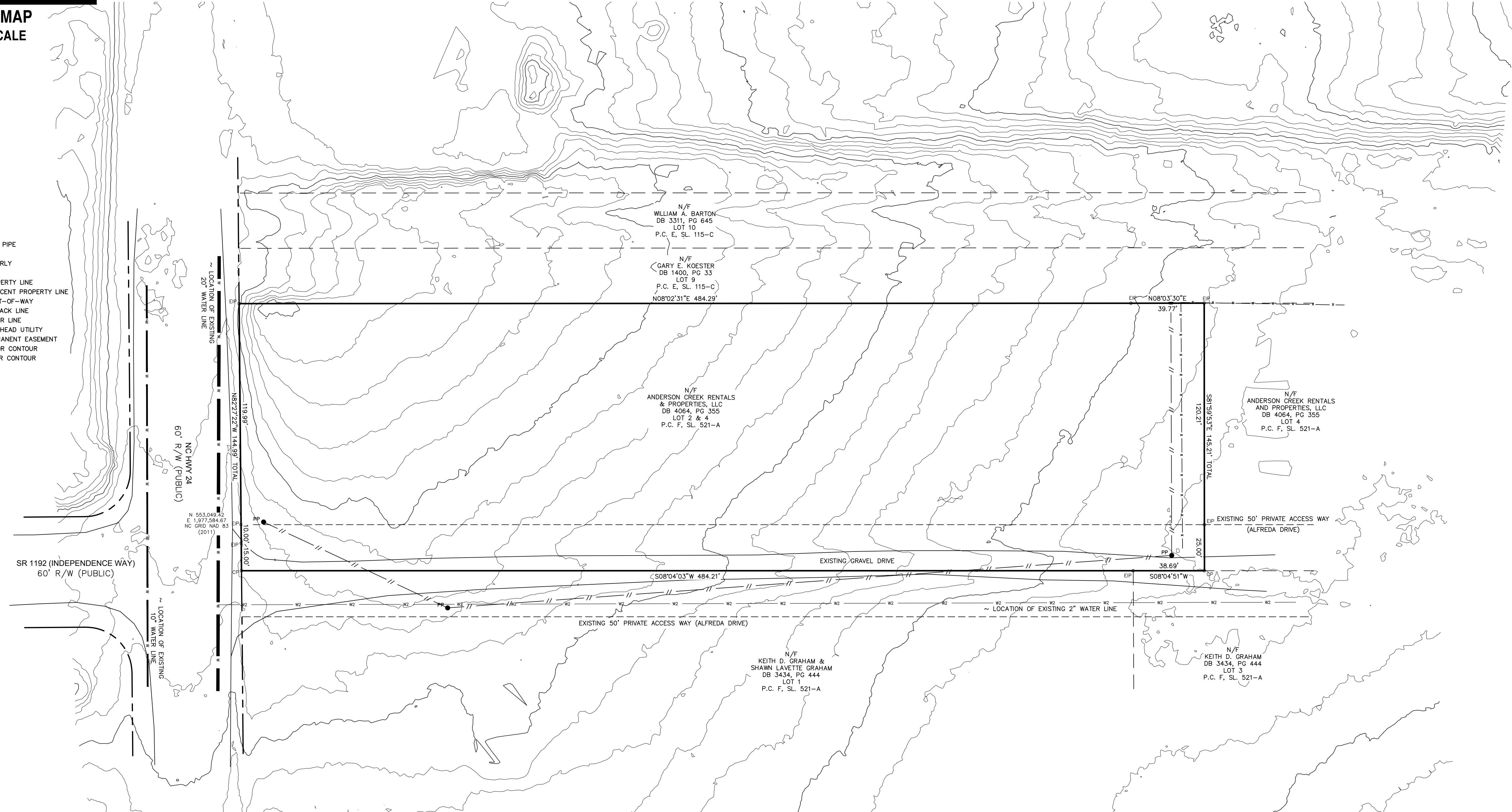
SHEET NUMBER

C-1.0



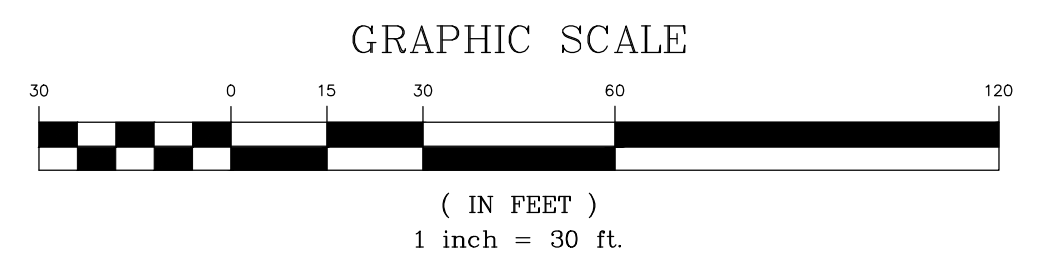
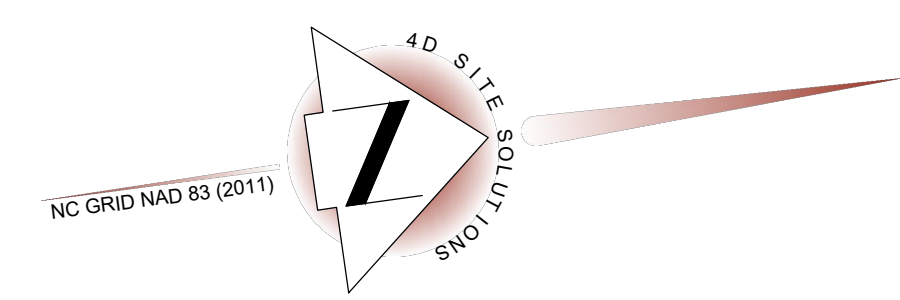
VICINITY MAP
 NOT TO SCALE

- LEGEND:
- EIP-EXISTING IRON PIPE
 - COMPUTED POINT
 - N/F - NOW OR FORMERLY
 - R/W - RIGHT OF WAY
 - PROPERTY LINE
 - - - ADJACENT PROPERTY LINE
 - - - RIGHT-OF-WAY
 - - - SETBACK LINE
 - WATER LINE
 - OVERHEAD UTILITY
 - - - PERMANENT EASEMENT
 - MAJOR CONTOUR
 - MINOR CONTOUR
 - 208.47 SPOT ELEVATION
 - LIGHT POLE
 - UTILITY POLE



BOUNDARY SURVEY DATA OBTAINED FROM A SURVEY FOR ANDERSON CREEK RENTALS AND PROPERTIES, LLC PREPARED BY MELVIN A. GRAHAM, PLS DATED SEPTEMBER 29, 2022 BY A CAD DRAWING NAMED 5622-SP PROVIDED BY THE AFOREMENTIONED.

THE CONTOURS SHOWN ARE FROM THE NORTH CAROLINA SPATIAL DATA DOWNLOAD WEBSITE, VIA THE NC FLOODPLAIN MAPPING PROGRAM. THE CONTOURS WERE ACHIEVED VIA LIDAR MAPPING SYSTEMS AND ARE PART OF THE PHASE 3, 2015 QL2-NC DATA SET. THESE CONTOURS ARE 1' CONTOURS AND ARE IN NC GRID NAD 83/2011 AND NAVD 88 DATUMS.



M:\Projects\1980 Easy Storage\1980 Easy Storage.dwg, 2/14/2023 10:52:48 AM, 11:45:01 12/04/24



REVISIONS

PROJECT NAME

EASY STORAGE

SITE PLAN

CLIENT

MIKE EVANS DESIGN/BUILD

912 Cedar Creek Road
 Fayetteville, North Carolina 28312
 Phone: (910) 486-5120

PROJECT INFORMATION

DESIGNED BY:	BRETT
DRAWN BY:	BRETT
CHECKED BY:	SCOTT
PROJECT NUMBER:	1980

DRAWING SCALE

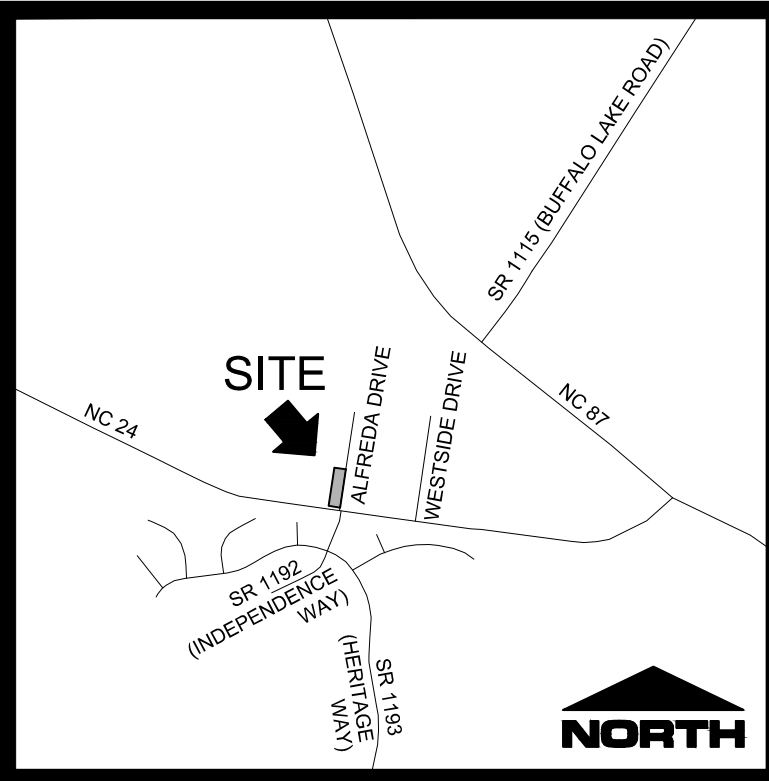
HORIZONTAL: 1"=30'

DATE RELEASED

OCTOBER 4, 2023

SHEET NUMBER

C-2.0



VICINITY MAP
 NOT TO SCALE

QTY.	TYPE	PLANTING SIZE	MIN. HEIGHT	SCIENTIFIC NAME
34	FLOWERING DOGWOOD	1.5" CALIPER	8'	CORNUS FLORIDA
99	JAPANESE HOLLY	3 GAL.	18"	ILEX CRENATA

LANDSCAPING NOTES:

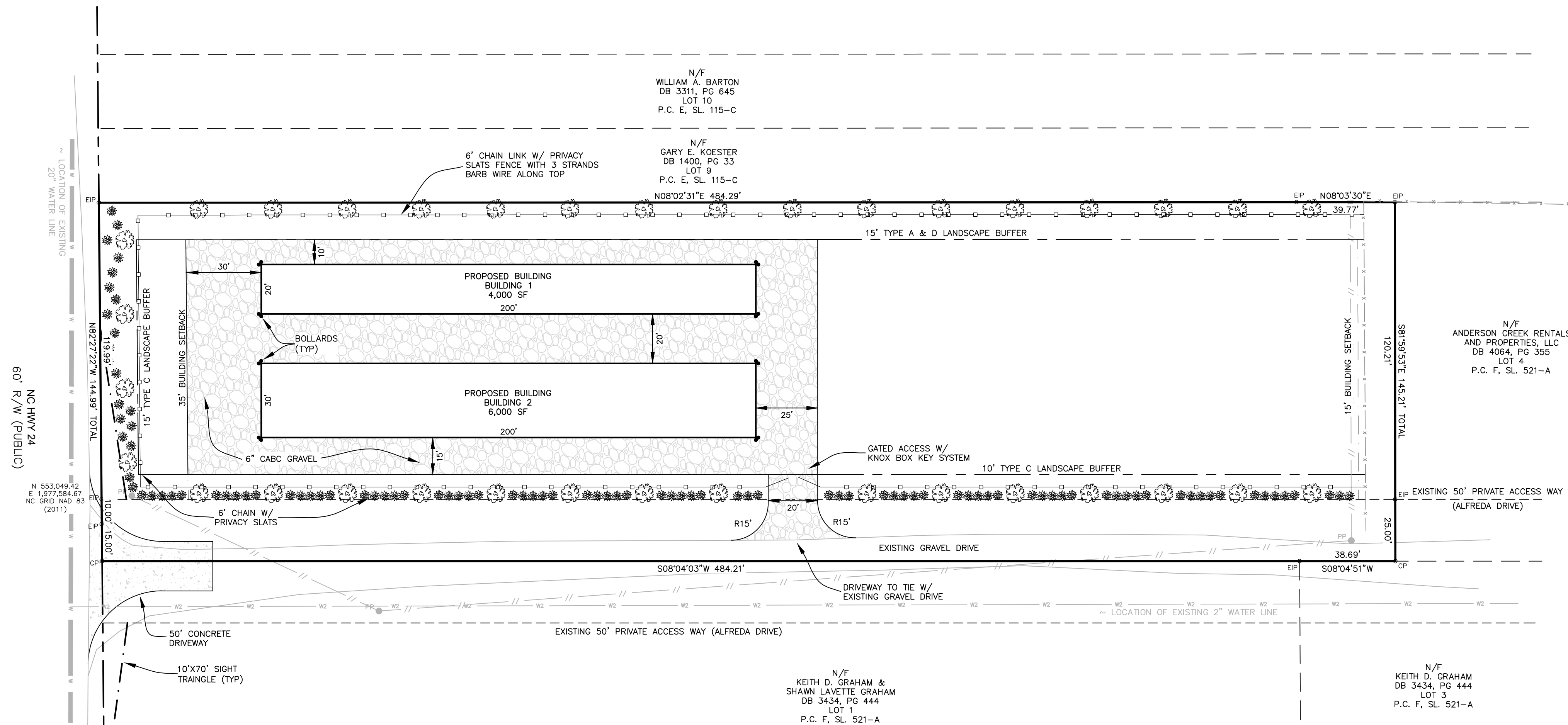
- HEIGHT AND SPREAD OF TREE SPECIMEN SHALL MEET REQUIREMENTS OF THE AMERICAN ASSOCIATION OF NURSERYMEN, AMERICAN STANDARD FOR NURSERY STOCK.
- SITE LIGHTING PLANS REQUIRE LIGHTS TO BE A MIN. OF 15 FEET FROM TREES. ANY ADJUSTMENTS IN THE FIELD NEED TO COMPLY WITH THIS STANDARD AND BE APPROVED BY COUNTY STAFF.
- EACH TREE MUST BE PLANTED SUCH THAT THE ROOT FLARE IS VISIBLE AT THE TOP OF THE ROOT BALL. TREES WHERE THE ROOT FLARE IS NOT VISIBLE SHALL BE REJECTED. DO NOT COVER THE ROOT FLARE WITH MULCH.
- DO NOT PLACE MULCH IN CONTACT WITH THE TREE TRUNK. KEEP MULCH A MIN. OF 4" AWAY FROM THE TRUNK BASE.
- ANY CHANGES TO THE PROPOSED PLANT SCHEDULE MUST BE APPROVED BY THE DESIGNER OF RECORD AND THE COUNTY. IN CASES WHERE THE PLANT SCHEDULE ONLY INCLUDES THE PLANT TYPE AND DOES NOT INCLUDE THE PLANT SPECIES, THE CONTRACTOR SHALL BE REQUIRED TO SUBMIT TO THE COUNTY FOR APPROVAL, A DETAILED PLANT SCHEDULE AND ASSOCIATED PLANTING PLAN PREPARED BY A PROFESSIONAL KNOWLEDGEABLE ABOUT PLANT MATERIAL AND DESIGN, PRIOR TO PROCEEDING WITH INSTALLATION.

*THIS LANDSCAPING PLAN IS THE MINIMUM REQUIRED TO MEET WITH HARNETT COUNTY ZONING ORDINANCE. THE OWNER OR DEVELOPER IS ENCOURAGED TO CONSULT WITH A LANDSCAPE ARCHITECT IN ORDER TO DEVELOP A PLAN THAT IS MORE IN DEPTH THAN THE MINIMUM REQUIREMENTS. THIS PLAN IS FOR PERMITTING PURPOSES ONLY.

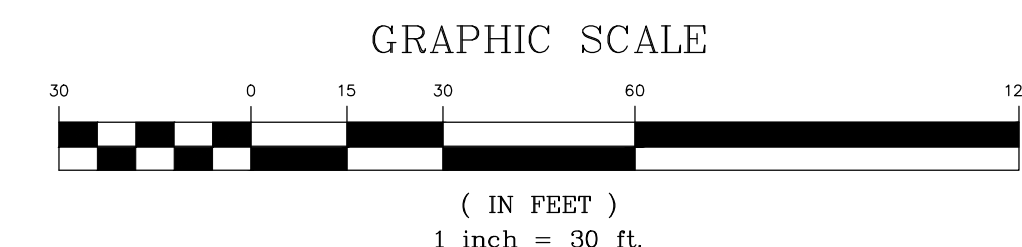
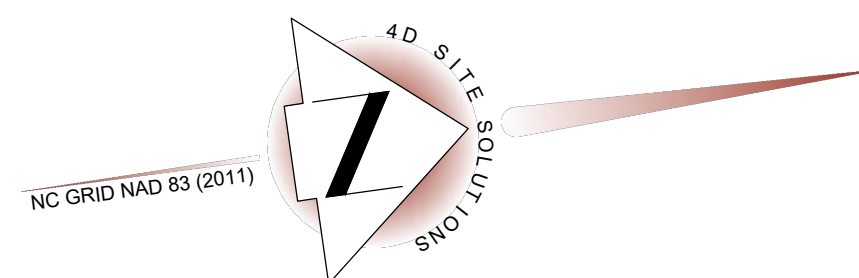
SITE NOTES

- EXISTING UNDERGROUND UTILITIES ARE SHOWN ONLY WHERE EVIDENCE COULD BE FOUND TO VERIFY LOCATION. PRIOR TO CONSTRUCTION OR EXCAVATION OF THE SITE, THE GENERAL CONTRACTOR SHALL VERIFY ALL UTILITY COMPANIES TO VERIFY THE LOCATION OF THEIR RESPECTIVE UTILITIES. ALL DAMAGE INCURRED TO EXISTING UTILITIES DURING CONSTRUCTION SHALL BE REPAIRED AT THE GENERAL CONTRACTOR'S EXPENSE.
- ASPHALT AND BASE TYPE SHALL BE PER THE DETAILS.
- ALL DIMENSIONS ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- ALL WASTE MATERIAL SHALL BE DISPOSED OF OFF-SITE IN ACCORDANCE WITH STATE AND LOCAL LAWS AND REGULATIONS.
- ALL SITE IMPROVEMENTS SHALL BE INSTALLED PER HARNETT COUNTY AND STATE REGULATIONS.
- ALL EXISTING FENCES, STRUCTURES, AND POWER UTILITIES WITHIN PROPERTY LINES TO BE REMOVED OR RELOCATED.

- LEGEND:
- EP-EXISTING IRON PIPE
 - COMPUTED POINT
 - N/F - NOW OR FORMERLY
 - R/W - RIGHT OF WAY
 - PROPERTY LINE
 - - - ADJACENT PROPERTY LINE
 - - - RIGHT-OF-WAY
 - - - SETBACK LINE
 - WATER LINE
 - // OVERHEAD UTILITY
 - - - PERMANENT EASEMENT
 - 210 MAJOR CONTOUR
 - 207 MINOR CONTOUR
 - 208.47 SPOT ELEVATION
 - ☆ LIGHT POLE
 - UTILITY POLE



SITE DATA	
OWNER	ANDERSON CREEK RENTALS & PROPERTIES
MAILING ADDRESS	37 JDE STREET
CITY, STATE	SPRING LAKE, NORTH CAROLINA 28390
PIN NUMBER	9575-73-5360.000
TOTAL SITE AREA	75,957 SF (1.74 AC)
AREA TO BE DEVELOPED	42,786 SF (0.98 AC)
CURRENT ZONING	COMM
EXISTING USE	UNDEVELOPED
PROPOSED USE	COMMERCIAL STORAGE
PROPOSED BUILDINGS	2
DISTURBED/DENUDED AREA	0.99 ACRES
IMPERVIOUS AREA	30,622 SF (0.70 AC)
SETBACKS REQUIRED:	COMM
FRONT	35 FT
SIDE	0 FT, 20 FT RESIDENTIAL
REAR	25 FT





REVISIONS

PROJECT NAME

EASY STORAGE

GRADING AND EROSION CONTROL PLAN

CLIENT

MIKE EVANS DESIGN/BUILD

912 Cedar Creek Road
 Fayetteville, North Carolina 28312
 Phone: (910) 486-5120

PROJECT INFORMATION

DESIGNED BY:	BRETT
DRAWN BY:	BRETT
CHECKED BY:	SCOTT
PROJECT NUMBER:	1980

DRAWING SCALE

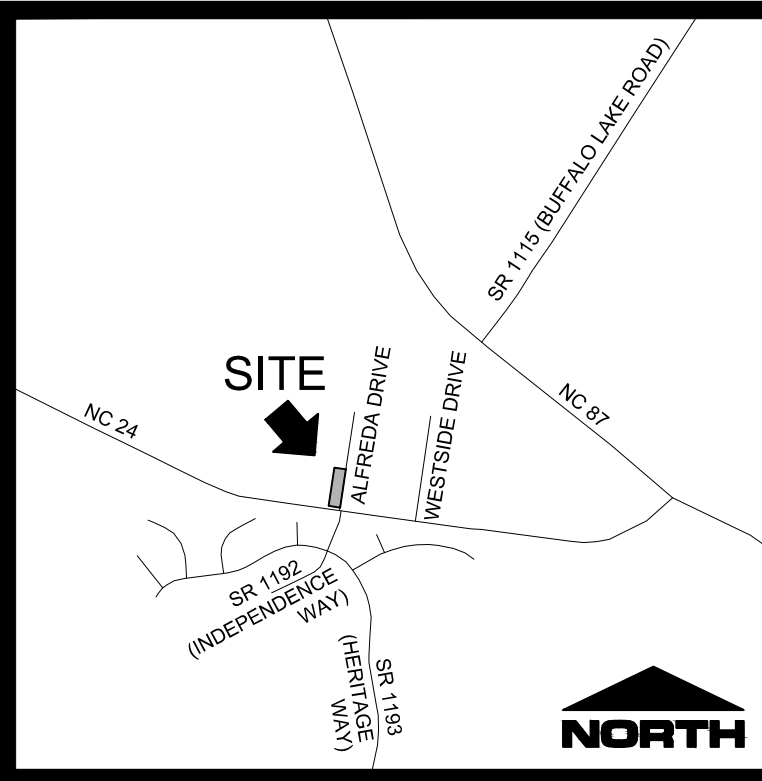
HORIZONTAL: 1"=30'

DATE RELEASED

OCTOBER 4, 2023

SHEET NUMBER

C-3.0



**VICINITY MAP
 NOT TO SCALE**

EROSION CONTROL NOTES

- TEMPORARY EROSION CONTROL FACILITIES AND/OR PERMANENT FACILITIES INTENDED TO CONTROL EROSION OF AND EARTH DISTURBANCE OPERATIONS TAKE PLACE OR AT THE EARLIEST POSSIBLE POINT DURING CONSTRUCTION.
- TEMPORARY & PERMANENT EROSION CONTROL MEASURES SHALL BE CONSTRUCTED PER THE DETAILS HEREIN, OR SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE NORTH CAROLINA EROSION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL.
- REMOVE ALL SOILS AND SEDIMENTS TRACKED OR OTHERWISE DEPOSITED ONTO PUBLIC AND PRIVATE PAVEMENT AREAS. REMOVAL SHALL BE ON A DAILY BASIS WHEN TRACKING OCCURS.
- LOCATE SOIL STOCKPILES NO LESS THAN FIFTY (50) FEET FROM ANY PUBLIC OR PRIVATE ROADWAY OR DRAINAGE CHANNEL. IF REMAINING FOR MORE THAN SEVEN DAYS, TEMPORARY STOCKPILES LOCATED ON PAVED SURFACES MUST BE NO LESS THAN FIVE FEET FROM THE DRAINAGE/GUTTER LINE AND SHALL BE COVERED IF LEFT MORE THAN 24 HOURS.
- MAINTAIN ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES IN PLACE UNTIL THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED. INSPECT

TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES ON A DAILY BASIS AND REPLACE DETERIORATED, DAMAGED, OR ROTTED EROSION CONTROL DEVICES IMMEDIATELY.

- TEMPORARILY OR PERMANENTLY STABILIZE ALL DENuded AREAS WHICH HAVE BEEN FINISH GRADED, AND ALL DENuded AREAS IN WHICH GRADING OR SITE BUILDING CONSTRUCTION OPERATIONS ARE NOT ACTIVELY UNDERWAY AGAINST EROSION DUE TO RAIN, WIND AND RUNNING WATER WITHIN 14 DAYS. USE SEEDING AND MULCHING, EROSION CONTROL MATTING, AND/OR SODDING AND STAKING IN GREEN SPACE AREAS AND OTHERWISE APPROPRIATE MEASURES. USE EARLY APPLICATION OF GRAVEL BASE ON AREAS TO BE PAVED.
- DO NOT REMOVE ANY EROSION AND SEDIMENT CONTROL DEVICES AFTER THE PROTECTED AREA HAS UNDERGONE FINAL STABILIZATION AND PERMANENT VEGETATION HAS BEEN ESTABLISHED. IT IS RECOMMENDED THAT NCOEO APPROVE THE ACTION PRIOR TO REMOVAL.
- THE INSTALLATION OF EROSION CONTROL MEASURES SHALL TAKE PRECEDENCE OVER ALL OTHER CONSTRUCTION ACTIVITIES.
- THE PERMITTEE SHALL BE HELD RESPONSIBLE FOR THE ACTIONS AND PERFORMANCE OF ANY OTHER PARTIES PERFORMING WORK ON THIS PROJECT.
- ALL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CHECKED FOR STABILITY AND OPERATION FOLLOWING EVERY RUNOFF-PRODUCING RAINFALL BUT IN NO CASE LESS THAN ONCE EVERY WEEK. ANY NEEDED REPAIRS WILL BE MADE

IMMEDIATELY TO MAINTAIN ALL PRACTICES AS DESIGNED.

- PURSUANT TO G.S. 113A-57(2), THE ANGLE FOR GRADED SLOPES AND FILLS SHALL BE NO GREATER THAN THE ANGLE THAT CAN BE RETAINED BY VEGETATIVE COVER OR OTHER ADEQUATE EROSION CONTROL DEVICES OR STRUCTURES. IN ANY EVENT, SLOPES LEFT EXPOSED WILL WITHIN 7 OR 14 CALENDAR DAYS OF COMPLETION OF ANY PHASE OF GRADING, BE PLANTED OR OTHERWISE PROVIDED WITH TEMPORARY OR PERMANENT GROUND COVER, DEVICES OR STRUCTURES SUFFICIENT TO RESTRAIN EROSION.
- PURSUANT TO G.S. 113A-57(3), PROVISIONS FOR PERMANENT GROUND COVER SUFFICIENT TO RETAIN EROSION MUST BE ACCOMPLISHED FOR ALL DISTURBED AREAS WITHIN 90 CALENDAR DAYS FOLLOWING COMPLETION OF CONSTRUCTION OR DEVELOPMENT.
- CONTRACTOR IS RESPONSIBLE FOR INSTALLING ALL EROSION CONTROL MEASURES SHOWN AND ANY ADDITIONAL MEASURES REQUIRED TO CONTROL THE SEDIMENT DURING THE COURSE OF CONSTRUCTION.
- ALL SEEDED AREAS WILL BE FERTILIZED, RESEED AS NECESSARY, AND MULCHED ACCORDING TO THE DETAILS HEREIN.
- THE CONTACT PERSON FOR EROSION CONTROL ISSUES THAT ARISE ON SITE IS MIKE EVANS. CONTACT 910-486-5120.
- EXCESS TOPSOIL FROM THE SITE SHOULD BE HAULED OFF AND PROPERLY DISPOSED OF.

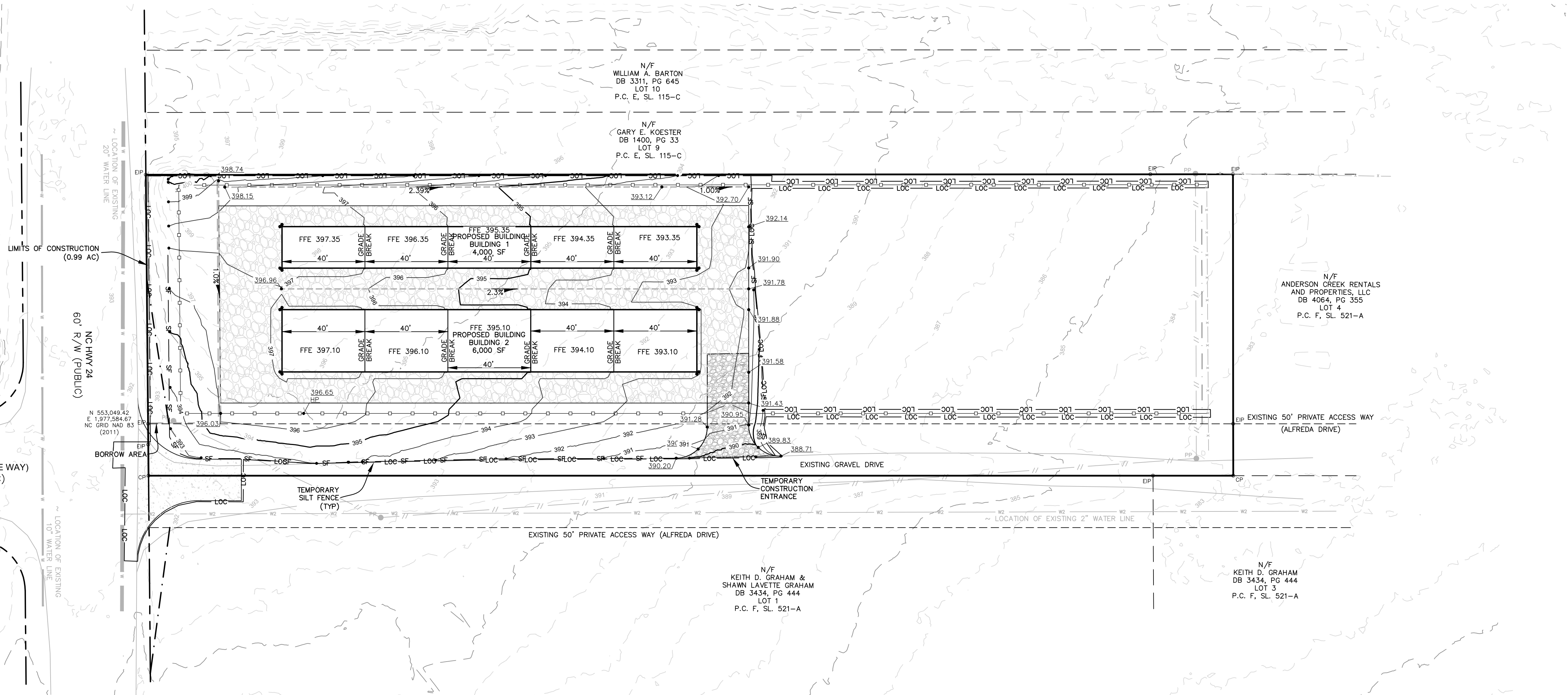
GRADING NOTES

- ALL ELEVATIONS SHOWN ARE IN REFERENCE TO THE LIDAR DATA AND MUST BE VERIFIED BY THE GENERAL CONTRACTOR.
- THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ALL LAND DISTURBING ACTIVITIES AND ENSURE COMPLIANCE WITH THE APPROVED EROSION AND SEDIMENTATION CONTROL PLAN. THE CONTRACTOR SHALL INSPECT AND MAINTAIN ALL EROSION CONTROL DEVICES AND CLEAR ANY DEBRIS LEAVING THE SITE ON NEIGHBORING ROADS.
- EXISTING GROUND UPON WHICH FILL OR BASE IS TO BE PLACED SHALL BE CLEARED OF WEEDS, DEBRIS, TOPSOIL, AND ALL OTHER DELETERIOUS MATERIALS; NO FILL SHALL BE PLACED UNTIL PREPARATION OF THE EXISTING GROUND HAS BEEN COMPLETED.
- PROTECTIVE MEASURES SHALL BE TAKEN BY THE CONTRACTOR AND THE OWNER TO PROTECT ADJACENT PROPERTY, THE PUBLIC AND UTILITIES DURING GRADING OPERATIONS. THE CONTRACTOR ASSUMES ALL LIABILITY FOR THE UNDERGROUND UTILITY PIPES, CONDUITS, OR STRUCTURES, WHETHER SHOWN OR NOT ON THE PLAN.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION OF ALL UTILITIES OR STRUCTURES ABOVE AND BELOW GROUND, SHOWN OR NOT SHOWN ON THESE PLANS. THEY WILL BE HELD RESPONSIBLE FOR ALL DAMAGE TO ANY UTILITIES OR STRUCTURES CAUSED BY HIS OPERATION.
- ALL CUT AND FILL SLOPES SHOULD BE INVESTIGATED BOTH DURING AND AFTER GRADING BY THE CONTRACTOR TO DETERMINE IF ANY SLOPE STABILITY PROBLEMS EXIST. IF IT IS DETERMINED THAT THERE IS A SLOPE STABILITY PROBLEM THE ENGINEER OF RECORD SHOULD BE NOTIFIED.

STOCKPILE AREAS THAT WILL EXCEED 10' IN HEIGHT SHOULD BE GRADED WITH 3:1 SLOPES AND SURROUNDED BY SILT FENCE.

- APPROVED COPIES OF THE GRADING AND EROSION CONTROL PLANS SHALL BE ON THE PERMITTED SITE WHILE WORK IS IN PROGRESS.
- ALL EXISTING DRAINAGE COURSES THROUGH THIS SITE SHALL REMAIN IN A CONDITION SUCH THAT THEY CAN TRANSPORT THE NATURAL DRAINAGE UNTIL FACILITIES TO HANDLE THE STORM WATER ARE CONSTRUCTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE DUE TO OBSTRUCTING NATURAL DRAINAGE PATTERNS.
- ANY DEVIATION FROM THE APPROVED GRADING PLAN SHOULD BE REPORTED TO THE ENGINEER OF RECORD PRIOR TO IMPLEMENTATION OF THE CHANGE.
- ALL SLOPES 3:1 OR STEEPER THAT EXTEND TEN FEET OR MORE SHALL BE LINED WITH NORTH AMERICAN GREEN S75 TEMPORARY EROSION CONTROL BLANKET OR EQUAL SUBSTITUTE.

- LEGEND:
- EIP - EXISTING IRON PIPE
 - - COMPUTED POINT
 - N/F - NOW OR FORMERLY
 - R/W - RIGHT OF WAY
 - - PROPERTY LINE
 - - - ADJACENT PROPERTY LINE
 - - - RIGHT-OF-WAY
 - - - SETBACK LINE
 - - WATER LINE
 - - OVERHEAD UTILITY
 - - - PERMANENT EASEMENT
 - - 210 MAJOR CONTOUR
 - - 207 MINOR CONTOUR
 - ⊙ - 208.47 SPOT ELEVATION
 - ⊙ - LIGHT POLE
 - ⊙ - UTILITY POLE
 - - SILT FENCE LINE

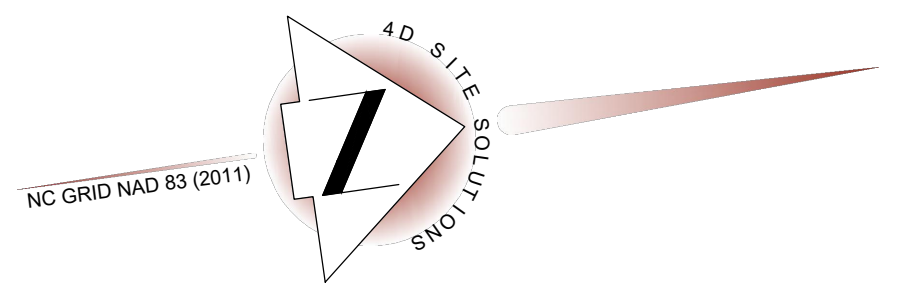


CONSTRUCTION SEQUENCE

- OBTAIN ALL NECESSARY PERMITS AND APPROVALS AND HOLD PRE-CONSTRUCTION CONFERENCE.
- INSTALL STONE CONSTRUCTION ENTRANCE
- CLEAR AND GRUB THE SITE AS NEEDED.
- ROUGH GRADE THE SITE AND APPLY TEMPORARY SEEDING TO AREAS REFIN GRASSED.
- INSTALL UTILITIES.
- PERFORM FINE GRADING.
- INSTALL GRAVEL DRIVE AISLES.
- FERTILIZE, SEED AND MULCH ALL REMAINING DISTURBED AREAS.
- UPON SITE STABILIZATION, SEEK NCOEO APPROVAL TO REMOVE ALL TEMPORARY MEASURES.
- ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED AS OUTLINED IN THE DETAILS WITHIN THE PLANS AND ACCORDING TO THE NCOEO EROSION CONTROL MANUAL. OBTAIN ALL NECESSARY PERMITS AND APPROVALS AND HOLD PRE-CONSTRUCTION CONFERENCE.

GROUND STABILIZATION CHART

SITE AREA DESCRIPTION	STABILIZATION TIME FRAME	STABILIZATION TIME FRAME EXCEPTIONS
PERIMETER DIKES, SWALES, DITCHES AND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER (HOW) ZONES	7 DAYS	NONE
SLOPES STEEPER THAN 3:1	7 DAYS	IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED
SLOPES 3:1 OR FLATTER	14 DAYS	7-DAYS FOR SLOPES GREATER THAN 50 FEET IN LENGTH
ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1	14 DAYS	NONE (EXCEPT FOR PERIMETERS AND HOW ZONES)



THE CONTRACTOR MUST CONTACT NORTH CAROLINA ONE CALL CENTER AT 1-800-632-4949 A MINIMUM OF 72 HOURS PRIOR TO DIGGING IN ORDER TO HAVE THE EXISTING UTILITIES LOCATED



REVISIONS

PROJECT NAME

EASY STORAGE

UTILITY PLAN

PIN: 9575-73-5360.000

CLIENT

**MIKE EVANS
 DESIGN/BUILD**

912 Cedar Creek Road
 Fayetteville, North Carolina 28312
 Phone: (910) 486-5120

PROJECT INFORMATION

DESIGNED BY:	BRETT
DRAWN BY:	BRETT
CHECKED BY:	SCOTT
PROJECT NUMBER:	1980

DRAWING SCALE

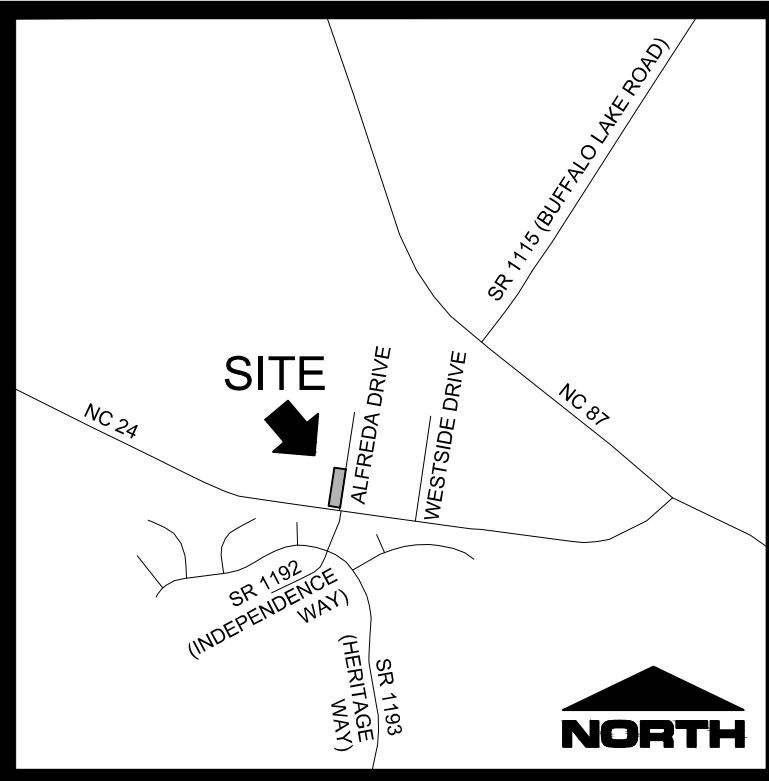
HORIZONTAL: 1"=30'

DATE RELEASED

OCTOBER 4, 2023

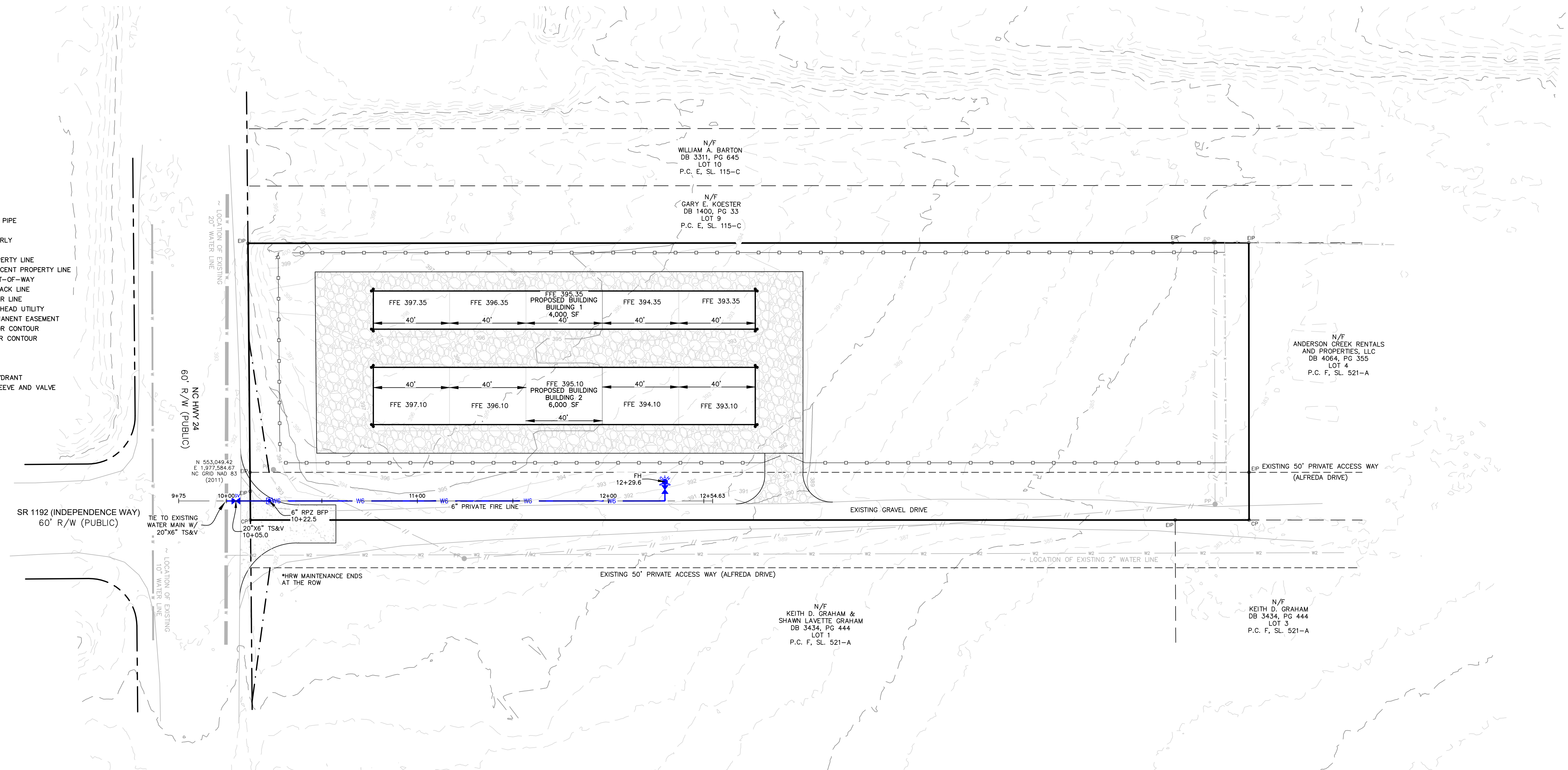
SHEET NUMBER

C-4.0

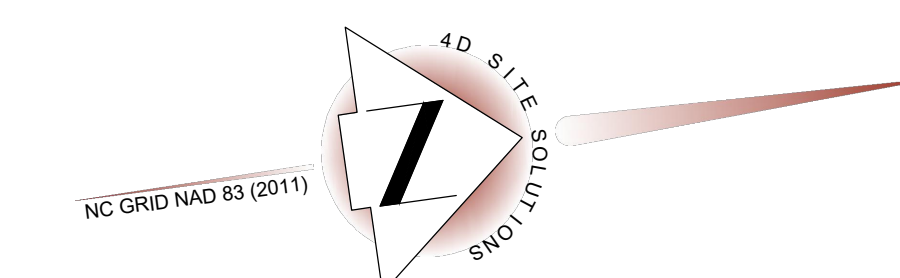


VICINITY MAP
 NOT TO SCALE

- LEGEND:
- EP - EXISTING IRON PIPE
 - CP - COMPUTED POINT
 - N/F - NOW OR FORMERLY
 - R/W - RIGHT OF WAY
 - PROPERTY LINE
 - - - ADJACENT PROPERTY LINE
 - - - RIGHT-OF-WAY
 - - - SETBACK LINE
 - WATER LINE
 - OVERHEAD UTILITY
 - - - PERMANENT EASEMENT
 - 210 MAJOR CONTOUR
 - 207 MINOR CONTOUR
 - 208.47 SPOT ELEVATION
 - ☆ LIGHT POLE
 - PP UTILITY POLE
 - ⊙ PROPOSED FIRE HYDRANT
 - ⊙ PROPOSED TAP SLEEVE AND VALVE
 - ⊙ PROPOSED TEE
 - ▶ PROPOSED PLUG



THE CONTRACTOR MUST CONTACT NORTH CAROLINA ONE CALL CENTER AT 1-800-632-4949 A MINIMUM OF 72 HOURS PRIOR TO DIGGING IN ORDER TO HAVE THE EXISTING UTILITIES LOCATED

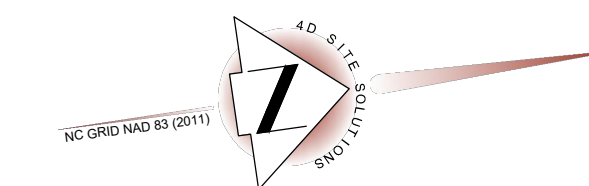
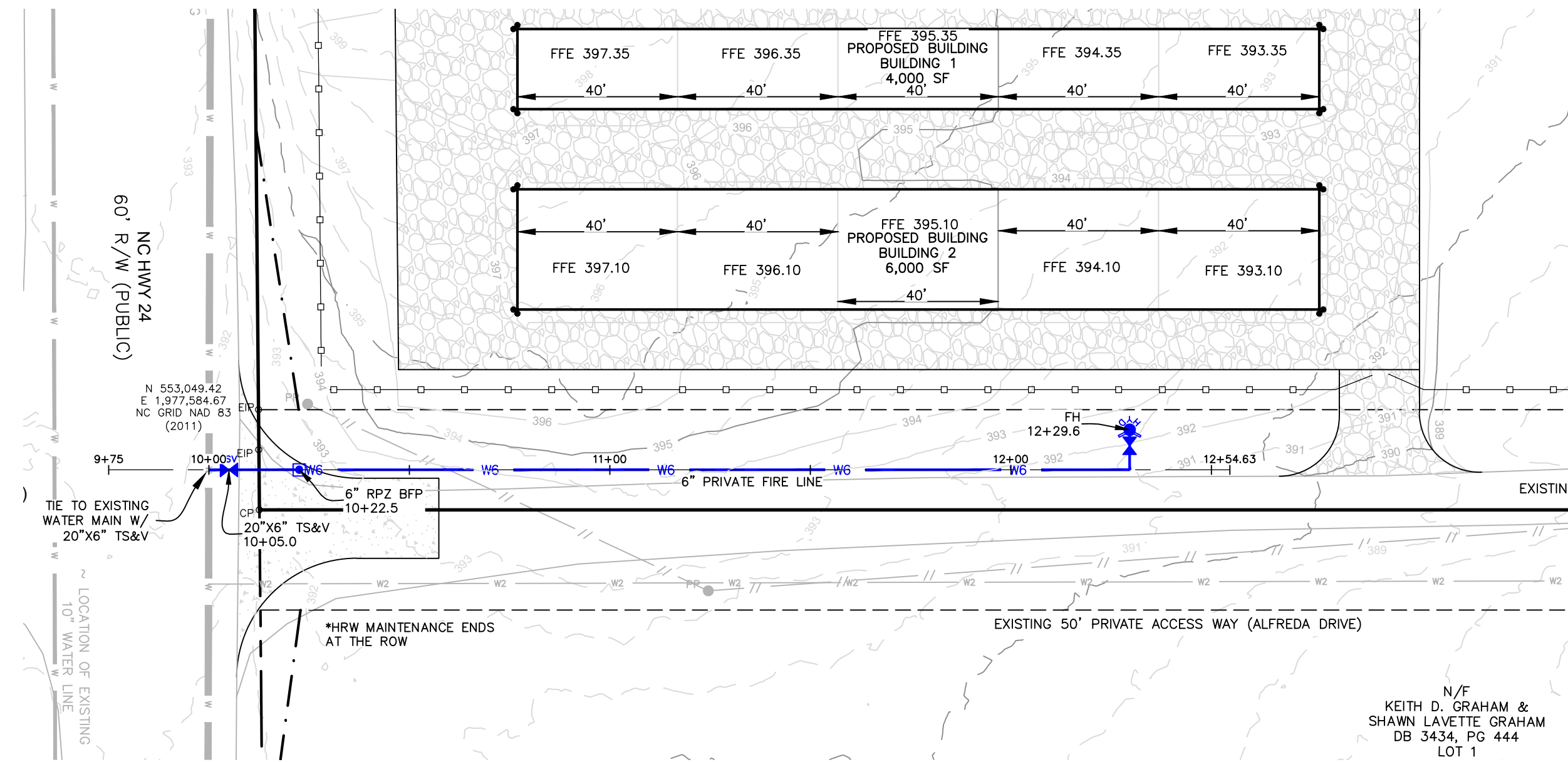


GRAPHIC SCALE

(IN FEET)
 1 inch = 30 ft.

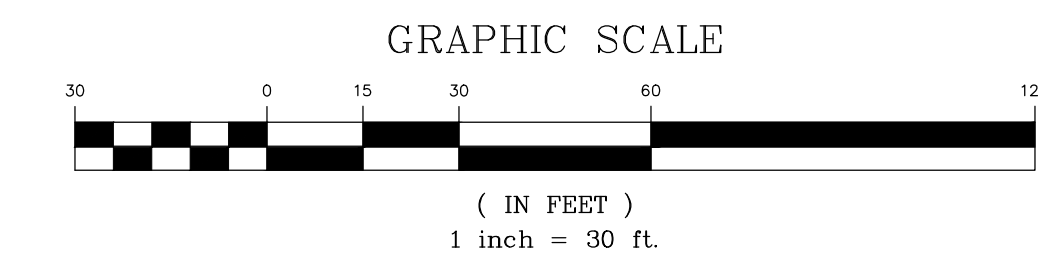
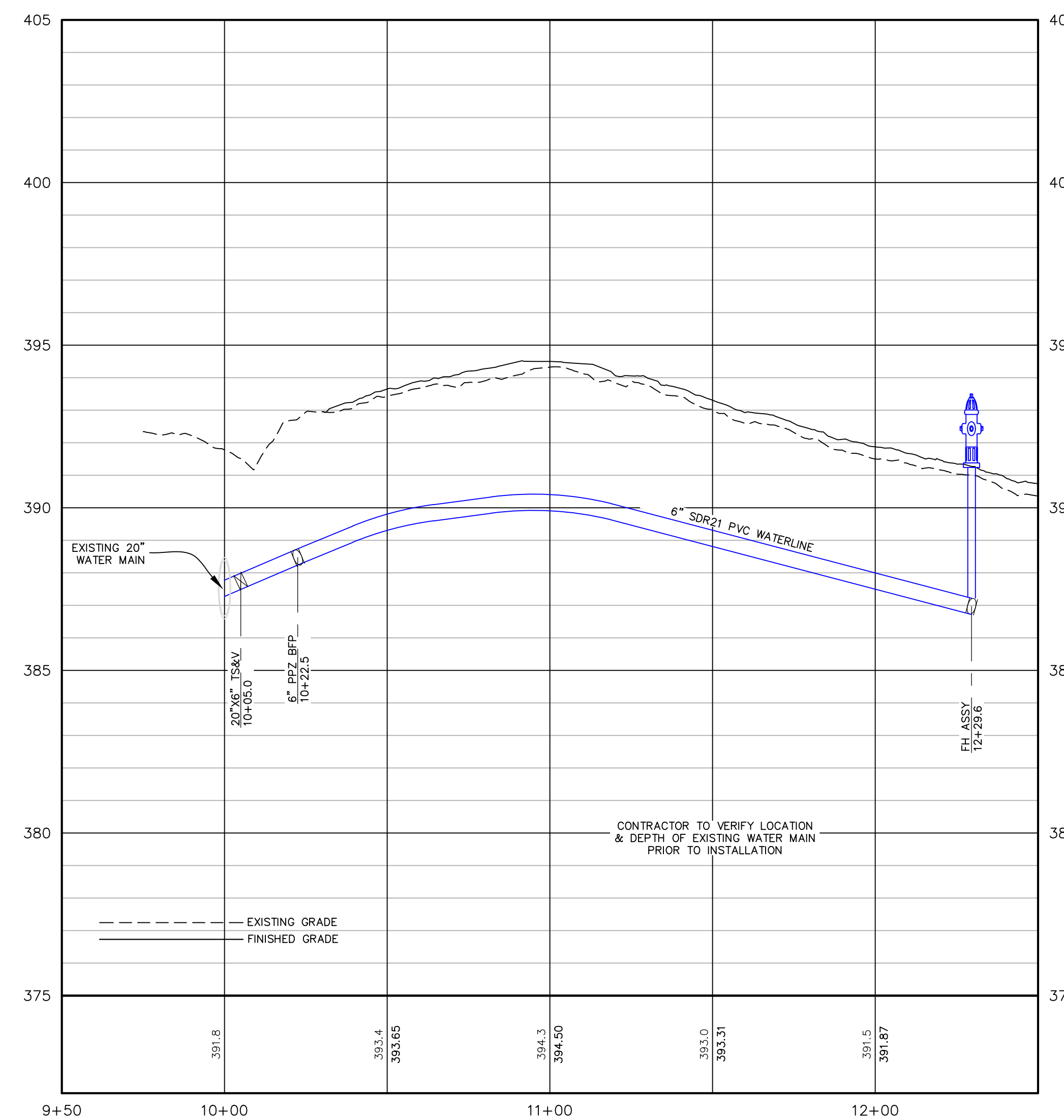
*SEE SHEET G-1.0 FOR ADDITIONAL UTILITY NOTES

I:\Projects\1980 Easy Storage\1980 Easy Storage.dwg - 10/4/2023 1:28:58 PM



FIRELINE

WATER MAIN 9+50 TO 12+50



REVISIONS

PROJECT NAME

EASY STORAGE

FIRELINE PROFILE

CLIENT

**MIKE EVANS
 DESIGN/BUILD**

912 Cedar Creek Road
 Fayetteville, North Carolina 28312
 Phone: (910) 486-5120

PROJECT INFORMATION

DESIGNED BY:	BRETT
DRAWN BY:	BRETT
CHECKED BY:	SCOTT
PROJECT NUMBER:	1980

DRAWING SCALE

HORIZONTAL: 1"=30'
 VERTICAL: 1"=3'

DATE RELEASED

OCTOBER 4, 2023

SHEET NUMBER

C-5.0



REVISIONS

PROJECT NAME

EASY STORAGE

EROSION CONTROL DETAILS

CLIENT

MIKE EVANS DESIGN/BUILD

912 Cedar Creek Road
 Fayetteville, North Carolina 28312
 Phone: (910) 486-5120

PROJECT INFORMATION

DESIGNED BY:	BRETT
DRAWN BY:	BRETT
CHECKED BY:	SCOTT
PROJECT NUMBER:	1980

DRAWING SCALE

NOT TO SCALE

DATE RELEASED

OCTOBER 4, 2023

SHEET NUMBER

C-6.1

GROUND STABILIZATION AND MATERIALS HANDLING PRACTICES FOR COMPLIANCE WITH THE NCG01 CONSTRUCTION GENERAL PERMIT
 Implementing the details and specifications on this plan sheet will result in the construction activity being considered compliant with the Ground Stabilization and Materials Handling sections of the NCG01 Construction General Permit (Sections E and F, respectively). The permittee shall comply with the Erosion and Sediment Control plan approved by the delegated authority having jurisdiction. All details and specifications shown on this sheet may not apply depending on site conditions and the delegated authority having jurisdiction.

SECTION E: GROUND STABILIZATION

Site Area Description	Required Ground Stabilization Timeframes	
	Stabilize within this many calendar days after ceasing land disturbance	Timeframe variations
(a) Perimeter dikes, swales, ditches, and perimeter slopes	7	None
(b) High Quality Water (HQW) Zones	7	None
(c) Slopes steeper than 3:1	7	If slopes are 10' or less in length and are not steeper than 2:1, 14 days are allowed
(d) Slopes 3:1 to 4:1	14	- 7 days for slopes greater than 50' in length and with slopes steeper than 4:1 - 7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones - 10 days for Falls Lake Watershed
(e) Areas with slopes flatter than 4:1	14	- 7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones - 10 days for Falls Lake Watershed unless there is zero slope

Note: After the permanent cessation of construction activities, any areas with temporary ground stabilization shall be converted to permanent ground stabilization as soon as practicable but in no case longer than 90 calendar days after the last land disturbing activity. Temporary ground stabilization shall be maintained in a manner to render the surface stable against accelerated erosion until permanent ground stabilization is achieved.

GROUND STABILIZATION SPECIFICATION
 Stabilize the ground sufficiently so that rain will not dislodge the soil. Use one of the techniques in the table below:

Temporary Stabilization	Permanent Stabilization
<ul style="list-style-type: none"> Temporary grass seed covered with straw or other mulches and tackifiers Hydroseeding Roller erosion control products with or without temporary grass seed Appropriately applied straw or other mulch Plastic sheeting 	<ul style="list-style-type: none"> Permanent grass seed covered with straw or other mulches and tackifiers Geotextile fabrics such as permanent soil reinforcement matting Hydroseeding Straw or other permanent plantings covered with mulch Uniform and evenly distributed ground cover sufficient to restrain erosion Structural methods such as concrete, asphalt or retaining walls Roller erosion control products with grass seed

- POLYACRYLAMIDES (PAMS) AND FLOCCULANTS**
- Select flocculants that are appropriate for the soils being exposed during construction, selecting from the NC DWR List of Approved PAMS/Flocculants.
 - Apply flocculants at or before the inlets to Erosion and Sediment Control Measures.
 - Apply flocculants at the concentrations specified in the NC DWR List of Approved PAMS/Flocculants and in accordance with the manufacturer's instructions.
 - Provide ponding area for containment of treated Stormwater before discharging offsite.
 - Store flocculants in leak-proof containers that are kept under storm-resistant cover or surrounded by secondary containment structures.

- EQUIPMENT AND VEHICLE MAINTENANCE**
- Maintain vehicles and equipment to prevent discharge of fluids.
 - Provide drip pans under any stored equipment.
 - Identify leaks and repair as soon as feasible, or remove leaking equipment from the project.
 - Collect all spent fluids, store in separate containers and properly dispose as hazardous waste (recycle when possible).
 - Remove leaking vehicles and construction equipment from service until the problem has been corrected.
 - Bring used fuels, lubricants, coolants, hydraulic fluids and other petroleum products to a recycling or disposal center that handles these materials.

- LITTER, BUILDING MATERIAL AND LAND CLEARING WASTE**
- Never bury or burn waste. Place litter and debris in approved waste containers.
 - Provide a sufficient number and size of waste containers (e.g. dumpster, trash receptacle) on site to contain construction and domestic wastes.
 - Locate waste containers at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
 - Locate waste containers on areas that do not receive substantial amounts of runoff from upland areas and does not drain directly to a storm drain, stream or wetland.
 - Cover waste containers at the end of each workday and before storm events or provide secondary containment. Repair or replace damaged waste containers.
 - Anchor all lightweight items in waste containers during times of high winds.
 - Empty waste containers as needed to prevent overflow. Clean up immediately if containers overflow.
 - Dispose waste off-site at an approved disposal facility.
 - On business days, clean up and dispose of waste in designated waste containers.

- PAINT AND OTHER LIQUID WASTE**
- Do not dump paint and other liquid waste into storm drains, streams or wetlands.
 - Locate paint washouts at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
 - Contain liquid wastes in a controlled area.
 - Containment must be labeled, sized and placed appropriately for the needs of site.
 - Prevent the discharge of soaps, solvents, detergents and other liquid wastes from construction sites.

- PORTABLE TOILETS**
- Install portable toilets on level ground, at least 50 feet away from storm drains, streams or wetlands unless there is no alternative reasonably available. If 50 foot offset is not attainable, provide relocation of portable toilet behind silt fence or place on a gravel pad and surround with sand bags.
 - Provide staking or anchoring of portable toilets during periods of high winds or in high foot traffic areas.
 - Monitor portable toilets for leaking and properly dispose of any leaked material. Utilize a licensed sanitary waste hauler to remove leaking portable toilets and replace with properly operating unit.

- EARTHEN STOCKPILE MANAGEMENT**
- Show stockpile locations on plans. Locate earthen-material stockpile areas at least 50 feet away from storm drain inlets, sediment basins, perimeter sediment controls and surface waters unless it can be shown no other alternatives are reasonably available.
 - Protect stockpile with silt fence installed along toe of slope with a minimum offset of five feet from the toe of stockpile.
 - Provide stable stone access point when feasible.
 - Stabilize stockpile within the timeframes provided on this sheet and in accordance with the approved plan and any additional requirements. Soil stabilization is defined as vegetative, physical or chemical coverage techniques that will restrain accelerated erosion on disturbed soils for temporary or permanent control needs.



NCG01 GROUND STABILIZATION AND MATERIALS HANDLING EFFECTIVE: 04/01/19

PART III SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION A: SELF-INSPECTION
 Self-inspections are required during normal business hours in accordance with the table below. When adverse weather or site conditions would cause the safety of the inspection personnel to be in jeopardy, the inspection may be delayed until the next business day on which it is safe to perform the inspection. In addition, when a storm event of equal to or greater than 1.0 inch occurs outside of normal business hours, the self-inspection shall be performed upon the commencement of the next business day. Any time when inspections were delayed shall be noted in the Inspection Record.

Inspect	Frequency (during normal business hours)	Inspection records must include:
(1) Rain gauge maintained in good working order	Daily	Daily rainfall amounts. If no daily rain gauge observations are made during weekend or holiday periods, use no individual-day rainfall information is available, record the cumulative rain measurement for those unattended days and this will determine if a site inspection is needed. Days on which no rainfall occurred shall be recorded as "zero." The permittee may use another rain-monitoring device approved by the Division.
(2) E&S Measures	At least once per 7 calendar days and within 24 hours of a rain event 1.0 inch in 24 hours	1. Identification of the measures inspected, 2. Date and time of the inspection, 3. Name of the person performing the inspection, 4. Indication of whether the measures were operating properly, 5. Description of maintenance needs for the measure, 6. Description, evidence, and date of corrective actions taken.
(3) Stormwater discharge outfalls (SDOs)	At least once per 7 calendar days and within 24 hours of a rain event 1.0 inch in 24 hours	1. Identification of the discharge outfalls inspected, 2. Date and time of the inspection, 3. Name of the person performing the inspection, 4. Evidence of indicators of stormwater pollution such as oil sheen, floating or suspended solids or discoloration, 5. Indication of visible sediment leaving the site, 6. Description, evidence, and date of corrective actions taken.
(4) Perimeter of site	At least once per 7 calendar days and within 24 hours of a rain event 1.0 inch in 24 hours	If visible sedimentation is found outside site limits, then a record of the following shall be made: 1. Actions taken to clean up or stabilize the sediment that has left the site limits, 2. Description, evidence, and date of corrective actions taken, and 3. An explanation as to the actions taken to control future releases.
(5) Streams or wetlands onsite or offsite (where accessible)	At least once per 7 calendar days and within 24 hours of a rain event 1.0 inch in 24 hours	If the stream or wetland has increased visible sedimentation or a stream has visible increased turbidity from the construction activity, then a record of the following shall be made: 1. Description, evidence and date of corrective actions taken, and 2. Documentation that the required reports to the appropriate Division Regional Office per Part III, Section C, Item 2(b) of this permit of this permit.
(6) Ground stabilization measures	After each phase of grading	1. The phase of grading (installation of perimeter E&S measures, clearing and grubbing, installation of storm drainage facilities, completion of all land-disturbing activity, construction or redevelopment, permanent ground cover). 2. Documentation that the required ground stabilization measures have been provided within the required timeframe or an assurance that they will be provided as soon as possible.

NOTE: The rain inspection resets the required 7 calendar day inspection requirement.



NCG01 SELF-INSPECTION, RECORDKEEPING AND REPORTING EFFECTIVE: 04/01/19

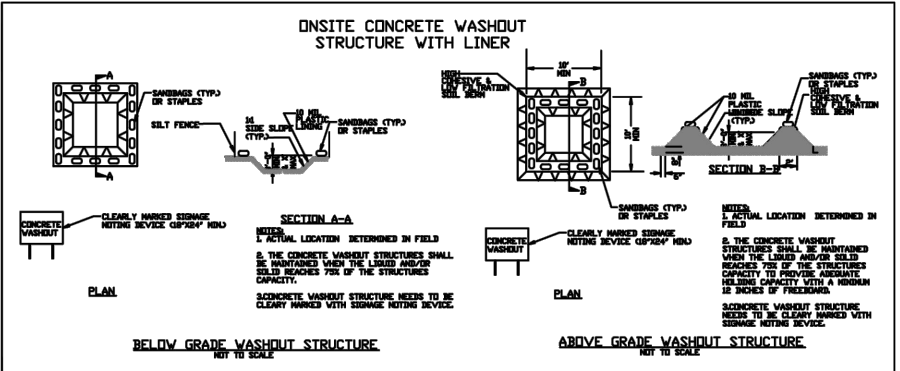
PART III SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION B: RECORDKEEPING
1. E&S Plan Documentation
 The approved E&S plan as well as any approved deviation shall be kept on the site. The approved E&S plan must be kept up-to-date throughout the coverage under this permit. The following items pertaining to the E&S plan shall be documented in the manner described:

Item to Document	Documentation Requirements
(a) Each E&S Measure has been installed and does not significantly deviate from the locations, dimensions and relative elevations shown on the approved E&S Plan.	Initial and date each E&S Measure on a copy of the approved E&S Plan or complete, date and sign an inspection report that lists each E&S Measure shown on the approved E&S Plan. This documentation is required upon the initial installation of the E&S Measures or if the E&S Measures are modified after initial installation.
(b) A phase of grading has been completed.	Initial and date a copy of the approved E&S Plan or complete, date and sign an inspection report to indicate completion of the construction phase.
(c) Ground cover is located and installed in accordance with the approved E&S Plan.	Initial and date a copy of the approved E&S Plan or complete, date and sign an inspection report to indicate compliance with approved ground cover specifications.
(d) The maintenance and repair requirements for all E&S Measures have been performed.	Complete, date and sign an inspection report.
(e) Corrective actions have been taken to E&S Measures.	Initial and date a copy of the approved E&S Plan or complete, date and sign an inspection report to indicate the completion of the corrective action.

2. Additional Documentation
 In addition to the E&S Plan documents above, the following items shall be kept on the site and available for agency inspectors at all times during normal business hours, unless the Division provides a site-specific exemption based on unique site conditions that make this requirement not practical:

- This general permit as well as the certificate of coverage, after it is received.
- Records of inspections made during the previous 30 days. The permittee shall record the required observations on the Inspection Record Form provided by the Division or a similar inspection form that includes all the required elements. Use of electronically-available records in lieu of the required paper copies will be allowed if shown to provide equal access and utility as the hard-copy records.
- All data used to complete the Notice of Intent and other inspection records shall be maintained for a period of three years after project completion and made available upon request. [40 CFR 122.41]



- CONCRETE WASHOUTS**
- Do not discharge concrete or cement slurry from the site.
 - Dispose of, or recycle settled, hardened concrete residue in accordance with local and state solid waste regulations and at an approved facility.
 - Manage washout from mortar mixers in accordance with the above item and in addition place the mixer and associated materials on impervious barrier and within lot perimeter silt fence.
 - Install temporary concrete washouts per local requirements, where applicable. If an alternate method or product is to be used, contact your approval authority for review and approval. If local standard details are not available, use one of the two types of temporary concrete washouts provided on this detail.
 - Do not use concrete washouts for dewatering or storing defective curb or sidewalk sections. Stormwater accumulated within the washout may not be pumped into or discharged to the storm drain system or receiving surface waters. Liquid waste must be pumped out and removed from project.
 - Locate washouts at least 50 feet from storm drain inlets and surface waters unless it can be shown that no other alternatives are reasonably available. At a minimum, install protection of storm drain inlet(s) closest to the washout which could receive spills or overflow.
 - Locate washouts in an easily accessible area, on level ground and install a stone entrance pad in front of the washout. Additional controls may be required by the approving authority.
 - Install at least one sign directing concrete trucks to the washout within the project limits. Post signage on the washout itself to identify this location.
 - Remove loadings from the washout when at approximately 75% capacity to limit overflow events. Replace the tarp, sand bags or other temporary structural components when no longer functional. When utilizing alternative or proprietary products, follow manufacturer's instructions.
 - At the completion of the concrete work, remove remaining loadings and dispose of in an approved disposal facility. Fill pit, if applicable, and stabilize any disturbance caused by removal of washout.

- HERBICIDES, PESTICIDES AND RODENTICIDES**
- Store and apply herbicides, pesticides and rodenticides in accordance with label restrictions.
 - Store herbicides, pesticides and rodenticides in their original containers with the label, which lists directions for use, ingredients and first aid steps in case of accidental poisoning.
 - Do not store herbicides, pesticides and rodenticides in areas where flooding is possible or where they may spill or leak into wells, stormwater drains, ground water or surface water. If a spill occurs, clean area immediately.
 - Do not stockpile these materials onsite.

- HAZARDOUS AND TOXIC WASTE**
- Create designated hazardous waste collection areas on-site.
 - Place hazardous waste containers under cover or in secondary containment.
 - Do not store hazardous chemicals, drums or bagged materials directly on the ground.

PART III SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION C: REPORTING

- 1. Occurrences that must be reported**
 Permittees shall report the following occurrences:
- Visible sediment deposition in a stream or wetland.
 - Oil spills if:
 - They are 25 gallons or more,
 - They are less than 25 gallons but cannot be cleaned up within 24 hours,
 - They cause sheen on surface waters (regardless of volume), or
 - They are within 100 feet of surface waters (regardless of volume).
 - Releases of hazardous substances in excess of reportable quantities under Section 311 of the Clean Water Act (Ref: 40 CFR 110.3 and 40 CFR 117.3) or Section 102 of CERCLA (Ref: 40 CFR 302.4) or G.S. 143-215.85.
 - Anticipated bypasses and unanticipated bypasses.
 - Noncompliance with the conditions of this permit that may endanger health or the environment.

2. Reporting Timeframes and Other Requirements
 After a permittee becomes aware of an occurrence that must be reported, he shall contact the appropriate Division regional office within the timeframes and in accordance with the other requirements listed below. Occurrences outside normal business hours may also be reported to the Division's Emergency Response personnel at (800) 662-7956, (800) 858-0368 or (919) 733-3300.

Occurrence	Reporting Timeframes (After Discovery) and Other Requirements
(a) Visible sediment deposition in a stream or wetland	<ul style="list-style-type: none"> Within 24 hours, an oral or electronic notification. Within 7 calendar days, a report that contains a description of the sediment and actions taken to address the cause of the deposition. Division staff may waive the requirement for a written report on a case-by-case basis. If the stream is named on the NC 303(d) list as impaired for sediment-related causes, the permittee may be required to perform additional monitoring, inspections or apply more stringent practices if staff determine that additional requirements are needed to assure compliance with the federal or state impaired waters conditions.
(b) Oil spills and release of hazardous substances per Item 1(b)-(c) above	<ul style="list-style-type: none"> Within 24 hours, an oral or electronic notification. The notification shall include information about the date, time, nature, volume and location of the spill or release.
(c) Anticipated bypasses [40 CFR 122.41(m)(3)]	<ul style="list-style-type: none"> A report at least ten days before the date of the bypass, if possible. The report shall include an evaluation of the anticipated quality and effect of the bypass.
(d) Unanticipated bypasses [40 CFR 122.41(m)(3)]	<ul style="list-style-type: none"> Within 24 hours, an oral or electronic notification. Within 7 calendar days, a report that includes an evaluation of the quality and effect of the bypass.
(e) Noncompliance with the conditions of this permit that may endanger health or the environment [40 CFR 122.41(h)(7)]	<ul style="list-style-type: none"> Within 24 hours, an oral or electronic notification. Within 7 calendar days, a report that contains a description of the noncompliance, and its causes; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time noncompliance is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance. [40 CFR 122.41(i)(6). Division staff may waive the requirement for a written report on a case-by-case basis.



REVISIONS

PROJECT NAME

EASY STORAGE

WATER DETAILS

CLIENT

**MIKE EVANS
 DESIGN/BUILD**

912 Cedar Creek Road
 Fayetteville, North Carolina 28312
 Phone: (910) 486-5120

PROJECT INFORMATION

DESIGNED BY:	BRETT
DRAWN BY:	BRETT
CHECKED BY:	SCOTT
PROJECT NUMBER:	1980

DRAWING SCALE

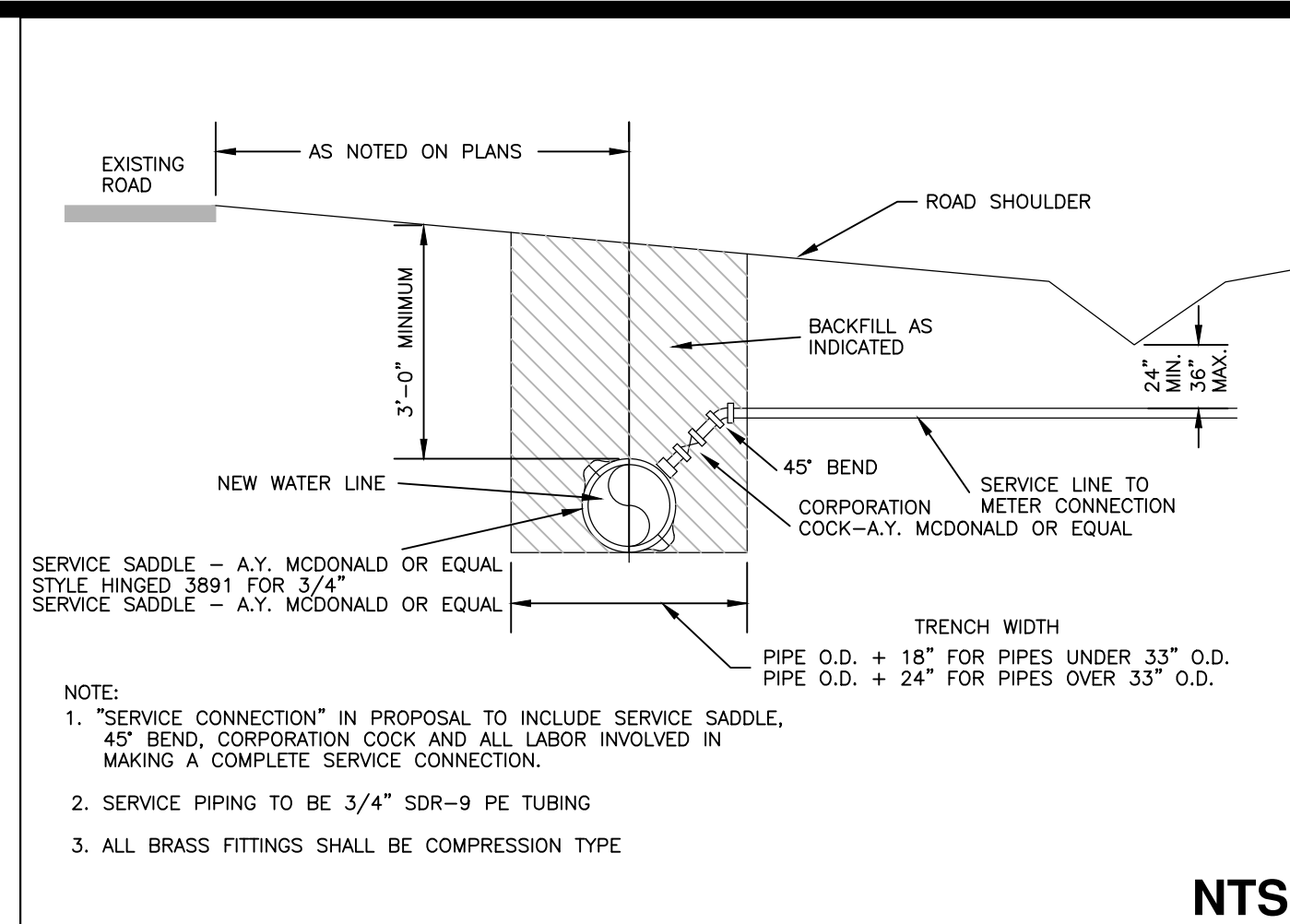
NOT TO SCALE

DATE RELEASED

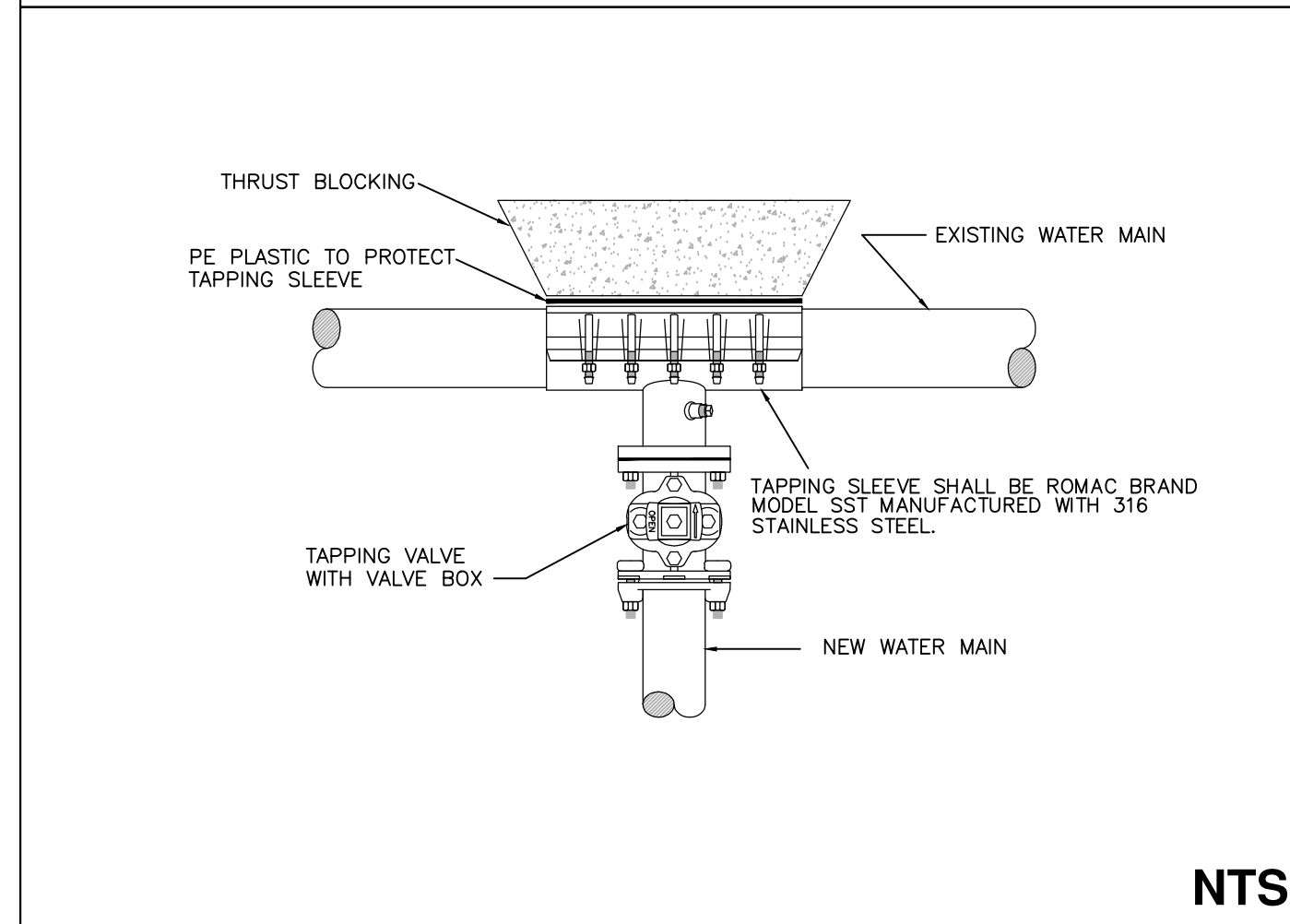
OCTOBER 4, 2023

SHEET NUMBER

C-6.2



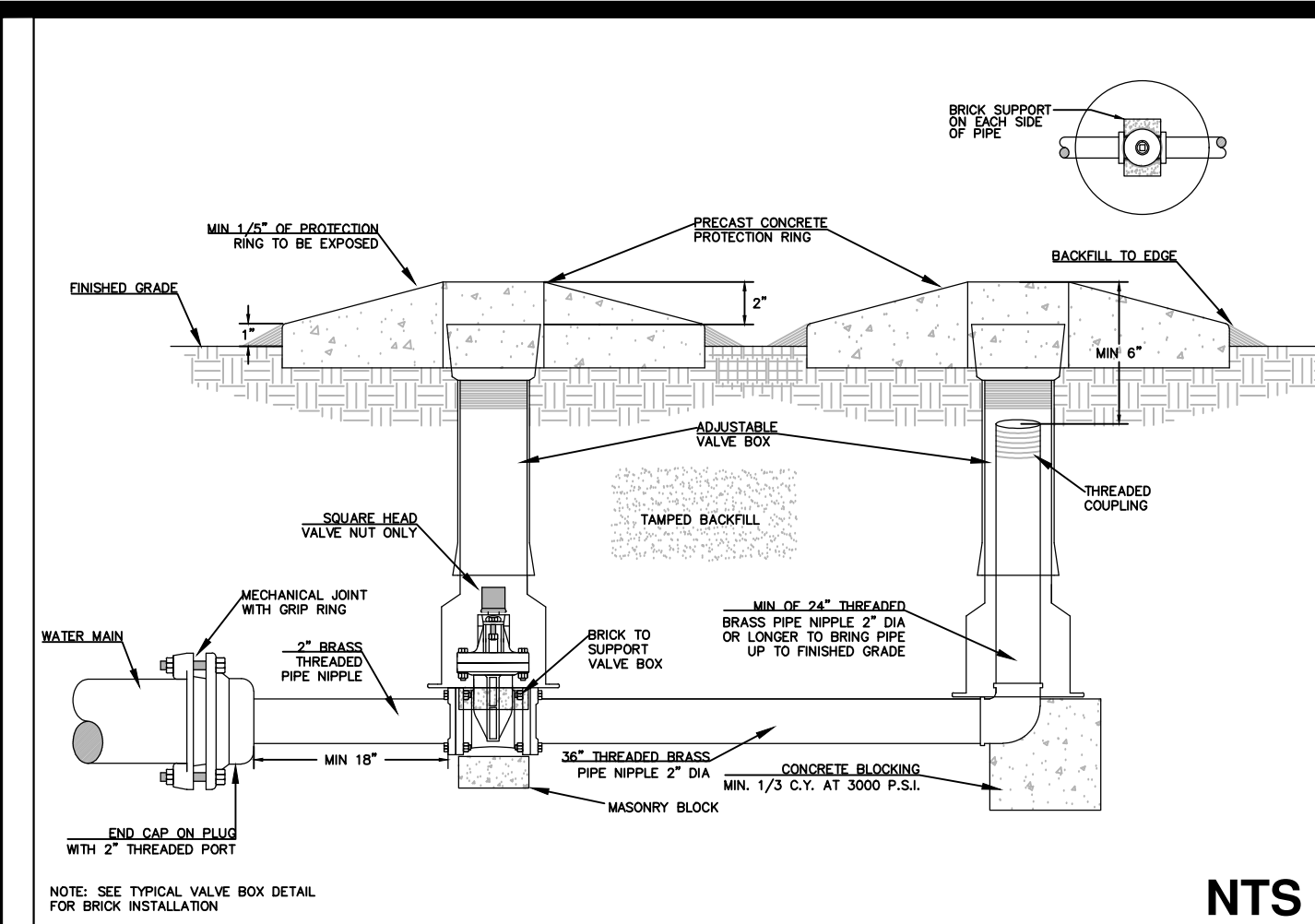
4 TYPICAL WATER SERVICE CONNECTION



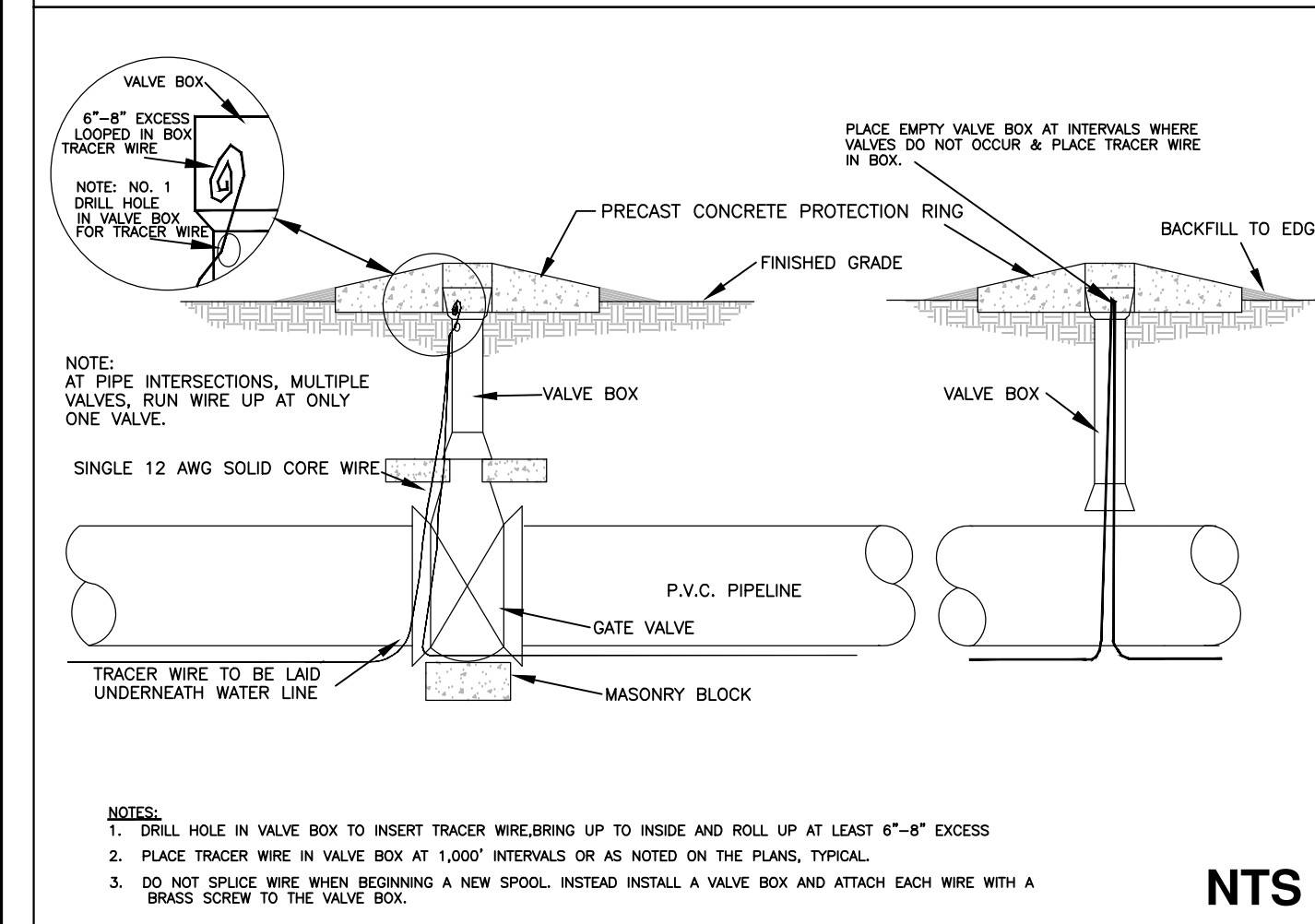
6 TYP. TAPPING SLEEVE & VALVE ASSEMBLY

LAYING CONDITIONS	DESCRIPTION	PROJECT USE
TYPE 1	FLAT BOTTOM UNDISTURBED EARTH TRENCH, LOOSE BACKFILL	NOT USED.
TYPE 2	FLAT BOTTOMED UNDISTURBED EARTH TRENCH. BACKFILL LIGHTLY CONSOLIDATED TO CENTERLINE OF PIPE.	NOT USED.
TYPE 3	PIPE BEDDED IN 4" MINIMUM JOB EXCAVATED MATERIAL. BACKFILL LIGHTLY CONSOLIDATED TO TOP OF PIPE.	ALL DUCTILE IRON GRAVITY SEWER LINE.
TYPE 4	PIPE BEDDED IN SAND, GRANULAR MATERIAL OR GRADED GRAVEL TO THE DEPTH OF 1/8 PIPE DIAMETER, 4" MIN. JOB EXCAVATED MATERIAL COMPACTED TO 4" ABOVE TOP OF PIPE. (APPROX. 95% STANDARD PROCTOR, AASHTO T-99)	ALL PVC WATER LINE AND PVC FORCE MAIN.
TYPE 5	PIPE BEDDED TO ITS CENTERLINE IN COMPACTED GRANULAR MATERIAL 4" MIN. UNDER PIPE. COMPACTED GRANULAR OR SAND MATERIAL TO 4" ABOVE TOP OF PIPE. (APPROX. 95% STANDARD PROCTOR, AASHTO T-99)	ALL PVC GRAVITY SEWER LINE.

3 TYPICAL LAYING CONDITIONS



1 PERMANENT BLOW-OFF ASSEMBLY



2 TYPICAL TRACER WIRE INSTALLATION

Mike Evans 1/10/2023 1:58 PM
 C:\Users\mike\OneDrive\Documents\Projects\2023\10-04-23\1980.dwg
 10/4/2023 1:58:27 PM