## Pender County Planning and Community Development

### **Planning Division**

805 S. Walker Street PO Box 1519 Burgaw, NC 28425



Phone: 910-259-1202 Fax: 910-259-1295 www.pendercountync.gov

## Rocky Point Auto Auction Major Site Development Plan

**Case Number:** SDP 2023-363

**Application Type:** Major Site Development Plan

Applicant: Ryan Krall, Realty Link, and NC Rocky Point US 117, LLC

Owners: Rocky Point Interchange, LLC

**Location:** The subject property is located in the Rocky Point Township between US Highway 117 and Interstate 40, approximately 1000 feet south of NC Highway 210.

### Property ID #(s):

3235-91-0904-0000

**Description:** Major Site Development Plan commercial application for the development of an auto auction business on approximately 17 acres of a larger parcel totaling approximately 70 acres.

Current Zoning: GI, General Industrial and GB, General Business

**Technical Review Committee Meeting** 11/2/2023

11/2/2023

**Included:** Application Materials

## **APPLICATION**

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### **Major Site Development Plan Submission**

Applications will be considered for the Technical Review Committee hearing and reviewed by Staff only when deemed complete. The application will be regarded as incomplete until the following items are received by the Planning and Community Development Staff.

| 1. | X          | Pre-submittal Meeting  |
|----|------------|--|
|    |            | Date of Meeting 12/21/2022   |
| 2. | . X        | Signed Application   |
| 3. | X          | Payment  |
|    |            | \$250  |
| 4. | _X         | Paper Plan Sets (One (1) 24 x 36 set per email.)                                 |
|    |            | Two (2) 24 x 36, Fifteen (15) 11 x 17  |
| 5. | _X         | Digital Submission   |
|    |            | For all documents submitted in paper copy, bring a digital copy with paper       |
|    |            | submission.  |
| 6. | X          | Adjacent Property List   |
|    |            | A list of names and addresses, as obtained from the county tax listings and tax  |
|    |            | abstract, to the owners of all properties located within 500-feet of the         |
|    |            | perimeter of the project bounds.   |
| 7  | X          | Adjacent Property Envelopes  |
|    |            | The applicant shall provide a set of business envelopes addressed to each of the |
|    |            | owners of all properties located within 500-feet of the perimeter of the project |
|    |            | bounds and accompanied with the amount of postage required for first class       |
|    | N1/A       | postage.   |
| 8. | <u>N/A</u> | Permits (Permits will be provided when received.)                                |
|    |            | Include any permits issued on the project including but not limited to:          |
|    | Χ          | environmental, traffic, utility, or site specific conditions.                    |
| 9. | 77         | Site Plan Requirements   |
|    |            | A prepared site plan in accordance with the Unified Development Ordinance        |
|    |            | standards Section 6.3, Pender County Collector Street Plan, Pender County        |
|    |            | Transportation Plan, other approved State of Federal Transportation              |
|    |            | Improvement Plan, or any other adopted plan in Pender County.                    |
|    |            | (See Major Site Development Checklist)   |
|    |            |  |
|    |            |  |

I certify that all information presented in this application is accurate to the best of my knowledge.

| Signature of Applicant  | Date_7-28-2023        |
|-------------------------|-----------------------|
| Printed Name Byan KRALL | Staff Initials: Date: |

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### **MAJOR AND MINOR SITE DEVELOPMENT APPLICATION**

| SDP 202  | 23-363                         |  | THIS   | SECTIO                              | ON FOR OFFI       | E USE         | 10 10     |                        |                      |     |
|--|--------------------------------|--|--|-------------------------------------|-------------------|---------------|-----------|------------------------|----------------------|-----|
| <b>Date:</b> 10/13/2                           | 023                            | Permit Nu  | ımber:   | Permit                              | Fee: \$250.0      | Inv           | oice Numb | er: (                  | 00036244             |     |
| *Zoning Appr                                   | 10                             | Final Zoning Compliance Approved: YES / NO / N/A |  |                                     |                   |               |           |                        |                      |     |
| Type of Site D                                 | Type of Site Development Plan: |  |  |                                     | □ Mino            |               |           |                        |                      |     |
| SECTION 1:                                     | GEN                            | <b>ERAL INFO</b>                                 | RMATION  |                                     |                   |               |           |                        |                      |     |
| Applicant's N                                  | lame:                          | Ryan Kra   | ıll  |                                     | Prope<br>Name     | -             | vner's    | NC                     | Rocky Point US 117   | LLC |
| Applicant's Address:                           |                                | 201 Rive   | erplace, Suite   | 400                                 | Prope<br>Addre    | rty Ov<br>ss: | vner's    | 201                    | Riverplace, Suite 40 | )0  |
| City, State, 8                                 | Zip                            | Greenvill  | e,SC 29601   |                                     | City,             | State,        | & Zip     | Gre                    | enville,SC 29601     |     |
| Phone Number: 864                              |                                |  | 1760   | Phone                               | Phone Number:     |               |           | 864-603-1760           |                      |     |
| Email Address: rkrall@re                       |                                |  | altylinkdev.co   | Email                               | Email Address: rk |               | rkra      | rall@realtylinkdev.com |                      |     |
| Legal relationship of applicant to land owner: |                                |  | t <b>to</b> Engir  | Engineer                            |                   |               |           |                        |                      |     |
| <b>SECTION 2:</b>                              | PRO.                           | JECT INFO  | RMATION  |                                     |                   |               |           |                        |                      |     |
| PIN (Property 1                                | d #):                          | 3235-91-0  | 904-0000   | Total pro                           | erty a            | creage:       |           | 70.70 AC.              |                      |     |
| Zoning:  |                                | General In                                       | ndustrial (GI)   | Acreage t                           | o be d            | isturbed:     |           | 17.30 AC.              |                      |     |
| Directions to                                  | Site:                          | The site i                                       | he site is located off US-HWY 117 S. approximately 1800'   |                                     |                   |               |           |                        |                      |     |
|  |                                | south of t                                       | south of the intersection of US-HWY 177 and State HWY 210. |                                     |                   |               |           |                        |                      |     |
|  |                                |  |  |                                     |                   |               |           |                        |                      |     |
| Lot Size: 17.                                  | 30 AC                          | •  | Sq Ft o  | <b>Sq Ft of Building:</b> 14,400 SF |                   |               | Buildi    | Building Height:       |                      |     |
| Setbacks                                       | Fron                           | <b>t:</b> 30'                                    |  | Side:                               | 15'               |               | Rea       | ar: (                  | 30'                  |     |
| NAICS Code/Use: Auto Auction                   |                                |  | on   |                                     |                   |               |           |                        |                      |     |
| Business Name: Rocky                           |                                |  | ocky Point Auto Auction                                    |                                     |                   |               |           |                        |                      |     |
| Describe activities to                         |                                |  | Weekly auto  | auctions                            | limited to dea    | lers or       | ıly.      |                        |                      |     |
| undertaken o                                   | n pro                          | ject site:                                       |  |                                     |                   |               |           |                        |                      |     |
| Ownership:  Markette Public                    |                                | Number of  | Employees:   | yees: Number of Memb                |                   |               | ers:      |                        | Seating<br>Capacity: |     |

<sup>\*</sup>If the applicant is not the owner of the property, a notarized letter from the property owner may be required

<sup>\*</sup>Zoning approval is for the use being proposed ONLY, other department approvals may be required i.e. Fire Marshal, Environmental Health, Permitting, etc...

| SECTION 4: ADDITIONAL COMMENTS |         |           |
|--------------------------------|---------|-----------|
|                                |         |           |
| SECTION 5: SIGNATURES          |         |           |
| Applicant:                     | Date: 7 | 1-28-2023 |
| Owner:                         |         | 1-28 2023 |
| Planning Staff:                | Date:   |           |

## **SITE PLAN**

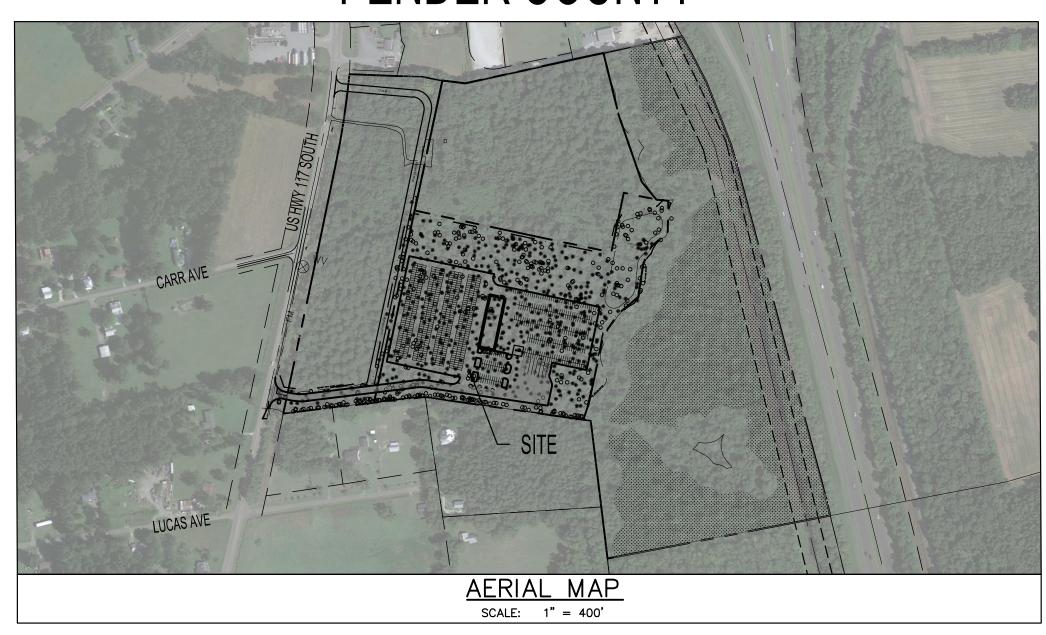
SCALE: 1'' = 2,000'

### CIVII ARRREVIATIONS

|       | IL ABBREVIATIO                 | <u>אוכ:</u> |   |  |  |
|-------|--------------------------------|-------------|---|--|--|
| ВТТМ  | ВОТТОМ                         | NODEND      | NC DEPARTMENT OF ENVIRONMENT                          |  |  |
| BES   | BEVELED END SECTION            | NCDENR      | & NATURAL RESOURCES                                   |  |  |
| ВМ    | BENCHMARK EROSION CONTROL BEST | NCDEQ       | NORTH CAROLINA DEPARTMENT<br>OF ENVIRONMENTAL QUALITY |  |  |
| BMP   | MANAGEMENT PRACTICES           | NOT         | NOTICE OF TERMINATION                                 |  |  |
| BW    | BOTH WAYS                      | NTS         | NOT TO SCALE  |  |  |
| CB    | CATCH BASIN                    | NOI         | NOTICE OF INTENT                                      |  |  |
| CI    | CURB INLET                     | NOT         | NOTICE OF TERMINATION                                 |  |  |
|       | NPDES CONSTRUCTION GENERAL     | NTS         | NOT TO SCALE  |  |  |
| CGP   | PERMIT SCR 100000              | OC          | ON CENTER   |  |  |
| CL    | CENTERLINE                     | 0004        | OPERATOR OF DAY TO DAY SITE                           |  |  |
| CMP   | CORRUGATED METAL PIPE          | ODSA        | ACTIVITIES  |  |  |
| CO    | CLEANOUT                       | PC          | POINT OF CURVATURE                                    |  |  |
| CONC  | CONCRETE                       | PCU         | PENDER COUNTY UTILITIES                               |  |  |
| CY    | CUBIC YARDS                    | POA         | POINT OF ANALYSIS                                     |  |  |
| DCVA  | DOUBLE CHECK VALVE ASSEMBLY    | PP          | POWER POLE  |  |  |
| DI    | DROP INLET                     | PT          | POINT OF TANGENT                                      |  |  |
| DIA   | DIAMETER                       | PVC         | POLYVINYL CHLORIDE                                    |  |  |
| DIP   | DUCTILE IRON PIPE              | PVMT        | PAVEMENT  |  |  |
| DS    | DOWNSPOUT                      | RCP         | REINFORCED CONCRETE PIPE                              |  |  |
| EL    | ELEVATION                      | RD          | ROOF DRAIN  |  |  |
| EXST  | EXISTING                       | REQD        | REQUIRED  |  |  |
| EW    | EACH WAY                       | חחחח        | REDUCED PRESSURE BACKFLOW                             |  |  |
| FFE   | FINISHED FLOOR ELEVATION       | RPBP        | PREVENTER   |  |  |
| FG    | FINISHED GRADE                 | R/W         | RIGHT OF WAY  |  |  |
| FH    | FIRE HYDRANT                   | SABC        | STABILIZED AGGREGATE BASE                             |  |  |
| FM    | FORCE MAIN                     | SABC        | COURSE  |  |  |
| Gl    | GRATE INLET                    | SF          | SQUARE FEET   |  |  |
| HDPE  | HIGH DENSITY POLYETHYLENE      | SWPPP       | STORM WATER POLLUTION                                 |  |  |
| IAW   | IN ACCORDANCE WITH             | SWPPP       | PREVENTION PLAN                                       |  |  |
| ΙE    | INVERT ELEVATION               | SS          | SANITARY SEWER SERVICE                                |  |  |
| JB    | JUNCTION BOX                   | STA         | STATION   |  |  |
| LF    | LINEAR FEET                    | TELECOM     | TELECOMMUNICATION                                     |  |  |
| LOD   | LIMITS OF DISTURBANCE          | TBM         | TEMPORARY BENCH MARK                                  |  |  |
| LP    | LIGHT POLE                     | TC          | TOP OF CURB   |  |  |
| MATL  | MATERIAL                       | TG          | TOP OF GUTTER   |  |  |
| MAX   | MAXIMUM                        | TP          | TOP OF PAVEMENT                                       |  |  |
| МН    | MANHOLE                        | TYP         | TYPICAL   |  |  |
| MIN   | MINIMUM                        | VC          | VITRIFIED CLAY  |  |  |
| MS4   | MUNICIPAL SEPARATE STORM       | W           | WATER   |  |  |
| IVIO  | SEWER SYSTEM                   | W/          | WITH  |  |  |
| NCDOT | NORTH CAROLINA DEPARTMENT      | WS          | WATER SERVICE   |  |  |
|       | OF TRANSPORTATION              | WV          | WATER VALVE   |  |  |

# ROCKY POINT AUTO AUCTION

## US HWY 117, ROCKY POINT, NORTH CAROLINA PENDER COUNTY



### **GENERAL NOTES:**

- PROTECT THE LINE(S) AND ENSURE CONTINUED SERVICE. CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR SHALL VERIFY THE CONNECTION POINTS OF NEW UTILITIES TO EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
- THE GENERAL CONTRACTOR SHALL REVIEW AND STAMP APPROVED ANY AND ALL SHOP DRAWINGS AND SUBMITTALS PRIOR TO SUBMITTING TO THE ENGINEER FOR REVIEW.
- 3. IN PERFORMING CONSTRUCTION OBSERVATION VISITS TO THE JOB SITE, THE ENGINEER SHALL HAVE NO CONTROL OVER NOR RESPONSIBILITY FOR THE CONTRACTOR'S MEANS, METHODS, SEQUENCE, TECHNIQUES OR PROCEDURES IN PERFORMING THE WORK.
- 4. THE CONTRACTOR'S MEANS, METHODS, SEQUENCE. TECHNIQUES OR PROCEDURES IN PERFORMING THE WORK IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR. WHO IS ALSO RESPONSIBLE FOR COMPLYING WITH ALL HEALTH AND SAFETY PRECAUTIONS AS REQUIRED BY ANY REGULATORY
- 5. CONTRACTOR IS RESPONSIBLE FOR ALL WORK SHOWN, UNLESS SPECIFICALLY INDICATED OTHERWISE.

### GENERAL SURVEY NOTES:

- TOPOGRAPHIC AND BOUNDARY INFORMATION BY ESP
- ASSOCIATES, INC., NOT VERIFIED BY ADC ENGINEERING, INC. 2. THE ELEVATIONS DEPICTED HEREON ARE BASED ON NAD88 DATUM. THE HORIZONTAL CONTROL IS BASED ON NCSPC NAD'83
- 3. ALL PROJECT STAKEOUT SHALL BE PERFORMED BY A REGISTERED LAND SURVEYOR TO BE PAID FOR BY THE CONTRACTOR. FOR STAKEOUT, DO NOT RELY SOLELY ON THE PHYSICAL SCALE AS SHOWN IN DRAWINGS. REFER TO THE GIVEN DIMENSIONS, SYMBOL LEGEND, KEYNOTES, AND REFERENCED DETAILS FOR CORRECT STAKEOUT.

### GENERAL GRADING NOTES

- 1. THE CONTRACTOR SHALL INSTALL TREE PROTECTION BARRICADES AND WETLAND BUFFER PROTECTION SIGNS PRIOR TO BEGINNING EARTHWORK OPERATIONS.
- 2. OFFSITE BORROW NECESSARY FOR THE CONSTRUCTION OF THIS PROJECT SHALL BE PROVIDED BY THE CONTRACTOR FROM SOURCES DEVELOPED BY THE CONTRACTOR.
- 3. ALL NECESSARY BORROW/WASTE MATERIAL SHALL BE
- FROM/TAKEN TO A NCDEQ PERMITTED FACILITY. 4. CONTRACTOR SHALL GRADE ALL AREAS TO DRAIN FOR
- POSITIVE FLOW PRIOR TO FINAL APPROVAL 5. THE DESIGN ADEQUACY AND SAFETY OF ALL BRACING. SHORING AND TEMPORARY SUPPORTS, ETC. IS THE SOLE
- RESPONSIBILITY OF THE CONTRACTOR. 6. THE CONTRACTOR SHALL PROVIDE ASBUILTS OF THE STORM DRAINAGE SYSTEM IAW NCDEQ AND PENDER COUNTY
- REQUIREMENTS. 7. CONTRACTOR TO NOTIFY ENGINEER IF UNSUITABLE MATERIAL IS DISCOVERED PRIOR TO REMOVAL.

### **GENERAL SWPPP NOTES:**

- 1. ALL CONTRACTORS/SUBCONTRACTORS/PERSONS THAT WILL BE ENGAGED IS LAND DISTURBING ACTIVITIES SHALL COMPLY WITH ALL EROSION CONTROL AND STORMWATE POLLUTION PREVENTION REQUIREMENTS CONTAINED THROUGHOUT THE DRAWINGS, SWPPP, SPECIFICATIONS AND
- DISTURBED AREAS NOT TO BE PAVED. THE CONTRACTOR SHALL ALSO PROVIDE TEMPORARY SEEDING AND PERMANENT STABILIZATION IN ALL AREAS INSIDE OR OUTSIDE THE LIMITS OF CONSTRUCTION THAT ARE DISTURBED BY THE CONTRACTOR'S OPERATIONS.
- 3. IT IS THE CONTRACTORS RESPONSIBILITY FOR DESIGN. ADEQUACY AND IMPLEMENTATION OF ALL DEWATERING. ALL DEWATERING ACTIVITIES SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE STORMWATER POLLUTION PREVENTION PLAN.

### GENERAL UTILITY NOTES

- ALL UTILITY WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF NCDEQ AND PENDER COUNTY UTILITIES (PCU). WHERE ANY DISCREPANCIES EXIST BETWEEN THESE DOCUMENTS, THE MOST STRICT REQUIREMENTS SHALL BE ADHERED TO.
- 2. THE CONTRACTOR SHALL PROVIDE ASBUILTS AND EASEMENTS PLATS OF THE NEW WATER AND SEWER SYSTEM IAW UTILITY PROVIDER REQUIREMENTS.
- 3. GENERAL CONTRACTOR SHALL COORDINATE ALL SITE UTILITIES AND STORM DRAINAGE INSTALLATION SCHEDULES TO AVOID POTENTIAL UTILITY CONFLICTS. GRAVITY DEPENDENT UTILITIES SHALL BE INSTALLED PRIOR TO NON-GRAVITY DEPENDENT UTILITIES.
- 4. CONTRACTOR SHALL CONTACT 811 TO LOCATE EXISTING UTILITIES PRIOR TO ANY WORK. CONTRACTOR IS RESPONSIBLE FOR FIELD LOCATING AND PROTECTING ALL UTILITIES. CONTACT THE ENGINEER IN THE EVENT THAT UTILITIES CONFLICT WITH NEW FACILITIES.
- 5. WATER AND WASTEWATER SYSTEM CLOSEOUT:
- 5.1. CONTRACTOR SHALL SCHEDULE WORK AND ACCOUNT FOR TIME IN THE SCHEDULE FOR "CLOSEOUT" ACTIVITIES TO OCCUR AFTER INSTALLATION OF THE UTILITY. MORE INFORMATION OF THESE REQUIREMENTS IS LOCATED IN THE PROJECT SPECIFICATIONS, AND PENDER COUNTY GUIDELINES. REQUIREMENTS INCLUDE, BUT ARE NOT LIMITED TO:
- INSPECTIONS AND TESTING IN ACCORDANCE WITH PROJECT AND PENDER COUNTY SPECIFICATIONS
- PREPARATION, REVIEW, AND CORRECTION OF AS-BUILT/RECORD DRAWINGS PROVIDED BY CONTRACTOR'S SURVEYOR.
- PREPARATION, REVIEW, AND CORRECTION OF EASEMENT PLATS AND LEGAL DESCRIPTION PREPARED BY CONTRACTOR'S SURVEYOR.
- PREPARATION AND EXECUTION OF WAIVER OF LIEN BY UTILITY SUBCONTRACTOR
- PREPARATION AND EXECUTION OF LEGAL DOCUMENTS BY OWNER AND UTILITY OPERATOR REVIEW OF DOCUMENTATION BY ENGINEER AND UTILITY OPERATOR REVIEW OF DOCUMENTATION BY
- SCDHEC 5.2. CONTRACTOR SHALL ASSUME REASONABLE TIME FRAMES FOR OWNER, ENGINEER, AND UTILITY OPERATOR AT EACH STAGE OF CLOSEOUT. REVIEW TIMES CAN VARY BASED UPON THE INITIAL QUALITY AND COMPLETENESS OF THE DOCUMENTS PROVIDED. THE MINIMUM TIME FROM COMPLETION OF SUCCESSFUL INSPECTIONS AND TESTING AND THE INITIAL SUBMITTAL OF CONTRACTOR DOCUMENTS TO THE RECEIPT OF PERMIT TO OPERATE SHALL BE ASSUMED TO BE 45 DAYS.

## PENDER COUNTY UTILITIES

- A PRE-CONSTRUCTION MEETING IS REQUIRED BEFORE BEGINNING WORK. THE MEETING MUST BE SCHEDULED WITH PENDER COUNTY UTILITIES (PCU) AT LEAST ONE WEEK ADVANCE. ATTENDEES MUST INCLUDE PCU, THE UTILITY CONTRACTOR'S SUPERINTENDENT, THE SUPPLIER, AND THE CONSULTING ENGINEER.
- ALL MATERIALS USED SHALL CONFORM TO PENDER COUNTY UTILITIES REQUIREMENTS. NON-CONFORMING MATERIAL WILL NOT BE ACCEPTED FOR FINAL CERTIFICATION.
- 3. ALL PIPE SHALL BE C900 DR18 PVC, UNLESS OTHERWISE NOTED (SEE PCU STANDARD DETAIL). PVC PIPE TO BE SDR 21 WHERE C900 IS UNAVAILABLE. THE USE OF DUCTILE IRON PIPE (DIP) IS REQUIRED UNDER PAVED AREAS. PCU MUST APPROVE THE USE OF DIP IN THE FIELD BEFORE INSTALLATION IN OTHER LOCATIONS.
- 4. PCU STANDARD WATERLINE PIPE RESTRAINING METHOD IS MJ GRIP RINGS. AT A MINIMUM ALL FITTINGS, VALVES, ETC. MUST BE RESTRAINED (SEE PCU STANDARD DETAIL).
- 5. PCU MUST INSPECT CASING INSTALLATIONS PRIOR TO BACKFILL. PCU MUST WITNESS PRESSURE TESTS, AND WITHDRAWAL OF BACTERIOLOGICAL SAMPLES. CONTACT PCU UTILITIES INSPECTOR TO SCHEDULE.
- 6. CLOSE-OUT DOCUMENTS WHICH MUST BE RECEIVED PRIOR TO PCU SIGNING THE NCDEQ PWSS APPLICANT CERTIFICATION INCLUDE: BACTERIOLOGICAL TESTS PRESSURE TESTS, DEED OF DEDICATION, AFFIDAVIT/RELEASE OF LIENS, WARRANTY, AND RECORD DRAWINGS (PDF &
- 7. AN 18-MONTH WARRANTY PERIOD APPLIES TO ALL WATERLINE CONSTRUCTION. THIS WARRANTY PERIOD DOES NOT BEGIN UNTIL FINAL APPROVAL OF THE SYSTEM HAS BEEN RECEIVED FROM NCDEQ PWSS

### TRAFFIC CONTROL NOTES:

- CONTRACTOR SHALL PERFORM ALL NECESSARY COORDINATION WITH NCDOT AND PENDER COUNTY. FOR WORK INSIDE THE RIGHT OF WAY, INCLUDING BUT NOT LIMITED TO PREPARATION OF AND OBTAINING APPROVAL OF ALL NECESSARY TRAFFIC CONTROL PLANS AS WELL AS PLANNING AND EXECUTION OF ALL NECESSARY COORDINATION MEETINGS.
- 2. CONTRACTOR SHALL PERFORM ALL WORK IN ACCORDANCE WITH THE APPROVED ENCROACHMENT PERMIT(S).
- CONTRACTOR SHALL MAINTAIN NCDOT SITE VISIBILITY TRIANGLES AT ALL ACCESS POINTS FOR THE DURATION OF CONSTRUCTION.
- ALL TRAFFIC CONTROL SIGNS AND PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (MUTCD), CURRENT EDITION.
- 5. SEE SHEET C610 FOR TRAFFIC CONTROL DETAILS.

|                                       |   |                                 |      |           |          | 9     |          |  |
|---------------------------------------|---|---------------------------------|------|-----------|----------|-------|----------|--|
| C001                                  | CIVIL COVER PAGE                              |                                 |      |           | 7/21/202 | 3     | 8/8/2023 |  |
| C002                                  | OVERALL MASTER                                | OVERALL MASTER DEVELOPMENT PLAN |      |           |          |       |          |  |
| C003                                  | OVERALL SITE PLA                              | N .                             |      |           | 7/21/202 | 3     | 8/8/2023 |  |
|                                       | TOPOGRAHIC SUR                                | VEY (PROVIDED BY ESP ASSO       | CIA  | TES,INC)  |          |       |          |  |
| C101                                  | DEMOLITION PLAN                               | - AREA 1                        |      |           | 7/21/202 | 3     | 8/8/2023 |  |
| C102                                  | DEMOLITION PLAN                               | - AREA 2                        |      |           | 7/21/202 | 3     | 8/8/2023 |  |
| C201                                  | SITE PLAN - AREA                              | 1                               |      |           | 7/21/202 | 3     | 8/8/2023 |  |
| C202                                  | SITE PLAN - AREA                              | 2                               |      |           | 7/21/202 | 3     | 8/8/2023 |  |
| C220                                  | AUTOTURN PLAN                                 |                                 |      |           | 7/21/202 | 3     |          |  |
| C301                                  | GRADING AND STR                               | OM DRAINAGE PLAN - AREA         | 1    |           | 7/21/202 | 3     | 8/8/2023 |  |
| C302                                  | GRADING AND STO                               | RM DRAINAGE PLAN - AREA         | 2    |           | 7/21/202 | 3     | 8/8/2023 |  |
| C310                                  | STORM DRAINAGE                                | PROFILES                        |      |           | 7/21/202 | 3     | 8/8/2023 |  |
| C320                                  | STORM WATER PO                                | ND PLAN                         |      |           | 7/21/202 | 3     | 8/8/2023 |  |
| C330                                  | DRAINAGE AREA P                               | LAN - PRE-DEVELOPMENT           |      |           | 7/21/202 | 3     | 8/8/2023 |  |
| C331                                  | DRAINAGE AREA P                               | LAN - POST-DEVEL OP MENT        |      |           | 7/21/202 | 3     | 8/8/2023 |  |
| C401                                  | UTILITY PLAN - ARI                            | EA 1                            |      |           | 7/21/202 | 3     | 8/8/2023 |  |
| C402                                  | UTILITY PLAN - ARI                            | EA 2                            |      |           | 7/21/202 | 3     | 8/8/2023 |  |
| C610                                  | CIVIL DETAILS - TR                            | AFFIC CONTROL                   |      |           | 7/21/202 | 3     |          |  |
| C620                                  | CIVIL DETAILS - PA                            | VEMENT                          |      |           | 7/21/202 | 3     |          |  |
| C621                                  | CIVIL DETAILS - SI                            | GNAGE                           |      |           | 7/21/202 | 3     |          |  |
| C622                                  | CIVIL DETAILS - FE                            | NCING                           |      |           | 7/21/202 | 3     |          |  |
| C623                                  | CIVIL DETAILS - ST                            | CIVIL DETAILS - STRIPING        |      |           |          |       |          |  |
| C630                                  | CIVIL DETAILS - ST                            | ORM DRAINAGE                    |      |           | 7/21/202 | 3     |          |  |
| C631                                  | CIVIL DETAILS - ST                            | 7/21/202                        | 3    |           |          |       |          |  |
| C640                                  | CIVIL DETAILS - UT                            | CIVIL DETAILS - UTILITY         |      |           |          |       |          |  |
| C641                                  | CIVIL DETAILS - UT                            | ILITY                           |      |           | 7/21/202 | 3     |          |  |
| C642                                  | CIVIL DETAILS - UT                            | ILITY                           |      |           | 7/21/202 | 3     |          |  |
| C700                                  | EROSION CONTROL                               | LNOTES                          |      |           | 7/21/202 | 3     |          |  |
| C711                                  | EROSION CONTROL                               | L PLAN - INITIAL - AREA 1       |      |           | 7/21/202 | 3     | 8/8/2023 |  |
| C712                                  | EROSION CONTROL                               | L PLAN - INITIAL - AREA 2       |      |           | 7/21/202 | 3     | 8/8/2023 |  |
| C721                                  | EROSION CONTROL                               | L PLAN - STABILIZATION - AR     | EA 1 | I         | 7/21/202 | 3     | 8/8/2023 |  |
| C722                                  | EROSION CONTROL PLAN - STABILIZATION - AREA 2 |                                 |      |           |          | 3     | 8/8/2023 |  |
| C740                                  | CIVIL DETAILS - ER                            | 7/21/202                        | 3    |           |          |       |          |  |
| C741                                  | CIVIL DETAILS - ER                            | 7/21/202                        | 3    |           |          |       |          |  |
| C742                                  | CIVIL DETAILS - ER                            | 7/21/202                        | 3    |           |          |       |          |  |
| C743                                  | CIVIL DETAILS - ER                            | 7/21/202                        | 3    | 8/8/2023  |          |       |          |  |
| L200                                  | OVERALL LANDSCA                               | 7/21/202                        | 3    | 8/8/2023  |          |       |          |  |
| L201                                  | LANDSCAPE PLAN                                | 7/21/202                        | 3    | 8/8/2023  |          |       |          |  |
| L202 LANDSCAPE PLANTING PLAN - AREA 2 |   |                                 |      |           | 7/21/202 | 3     | 8/8/2023 |  |
| L300                                  | LANDSCAPE PLAN                                | TING DETAILS, SCHEDULE &        | NOT  | ES        | 7/21/202 | 3     | 8/8/2023 |  |
|                                       |   | ZONING CODE SU                  | MIN  | IARY      |          |       |          |  |
| PROJECT                               | TANK SAME S                                   | ROCKY POINT AUTO AUCTION        |      | ADDRESS   |          | US HV | VY 117 S |  |
| EVELOP                                | CE TOOK                                       | NC ROCKY POINT US 117, LLC      | 1    |           |          |       |          |  |
| PLANS PI                              | REPARED BY                                    | ADC ENGINEERING, INC.           |      | HIDIEDICT | TON      | DEND  | ED COUNT |  |

TITLE

SHEET

LIST OF DRAWINGS

ISSUED REVISED

| L300          | LANDSCAPE PI        | 7/21/2023                  | 8/8/2023  |        |             |  |  |
|---------------|---------------------|----------------------------|-----------|--------|-------------|--|--|
|               | ZONING CODE SUMMARY |                            |           |        |             |  |  |
| PROJECT       | NAME                | ROCKY POINT AUTO AUCTION   | ADDRESS   | US     | HWY 117 S   |  |  |
| DEVELOR       | PER                 | NC ROCKY POINT US 117, LLC |           |        |             |  |  |
| PLANS P       | REPARED BY          | ADC ENGINEERING, INC.      |           |        |             |  |  |
| ZONING        |                     | GENERAL INDUSTRIAL         | JURISDICT | ION PE | NDER COUNTY |  |  |
| <b>PROPOS</b> | ED USE              | AUTO AUCTION (NAICS 4231)  | 20        |        |             |  |  |
| 1             |                     |                            |           |        |             |  |  |

GAS STATION (NAICS 4571), RETAIL (NAICS 44-45), RESTAURANT (NAICS 72251), BANK (NAICS 522110), OFFICE (NAICS 81391)

|                         | TEESTI, DANIE PARIOS SEE | ,       | 52 (1.0.1100 0100.1) |              |
|-------------------------|--------------------------|---------|----------------------|--------------|
| BUILDING INFORMA        | TION                     |         |                      |              |
| MAXIMUM BUILDING HEIGHT | 50'                      |         |                      |              |
| BUILDING COVERAGE       | 14,400 SF                |         | GROSS FLOOR AREA     | +/-14,400 SF |
| LOT SIZE                | 16.56 ACRES              |         | # OF BUILDINGS       | 1            |
| YARD/SETBACK REC        | QUIREMENTS               |         |                      |              |
| FRONT                   | 50' (GI)                 |         | 25 (GB)              |              |
| SIDE                    | 25' (GI)                 |         | 10' (GB)             |              |
| REAR                    | 30' (GI)                 |         | 10' (GB)             |              |
| LANDSCAPE BUFFE         | R REQUIREMENTS           |         |                      |              |
| FRONT (ROAD)            | BUFFER C-1 (10')         |         |                      |              |
| FRONT (SIMILAR USE)     | BUFFER D-1 (15)          |         |                      |              |
| SIDE (SOUTH)            | BUFFER C-2 (15' WITH EV  | ERGREEN | VEGETATION)          |              |
| SIDE (SIMILAR USE)      | BUFFER D-1 (15')         |         |                      |              |
| REAR (SIMILAR USE)      | BUFFER D-1 (15')         |         |                      |              |
| OPEN AREA               |                          |         |                      |              |
| PRE-DEVELOPED SITE      | 16.56                    | AC      | 100%                 |              |
| POST-DEVELOPED SITE     | 8.04                     | AC      | <mark>4</mark> 9%    |              |
| <b>IMPERVIOUS COVER</b> | RAGE                     | 100     |                      |              |
| PRE-DEVELOPED SITE      | 0.00                     | AC      | 0.0%                 |              |
| POST-DEVELOPED SITE     | 8.52                     | AC      | 51.4%                |              |
| WETLAND AREA            |                          |         |                      |              |
| PRE-DEVELOPED SITE      | 0.00                     | AC      | 0.0%                 |              |
| POST-DEVELOPED SITE     | 0.00                     | AC      | 0.0%                 |              |

|                  |      | Off   | -Str   | reet Parki                           | ng       | Calcul      | ations       |    |          |
|------------------|------|---|--------|--------------------------------------|----------|-------------|--------------|----|----------|
| Use              |      | F   | en     | der County                           | Required |             |              |    |          |
|                  |      |   | 241610 | equirement (i.e.<br>juare footage, # |          |             |              |    |          |
| Vehicle Sales    | 1    | per   | 500    | Square Feet                          | X        | 14,400      | =            | 29 |          |
|                  |      |   |        |                                      |          |             | TOTAL =      | 29 |          |
| ADA Parking Requ | iren | nent  |        |                                      |          |             |              |    |          |
|                  |      |   |        | To                                   | otal     | ADA Parkii  | ng Spaces =  | 2  |          |
|                  |      |   |        |                                      | Va       | n Accessib  | ole Spaces = | 1  |          |
| Provided Parking |      |   |        |                                      |          |             |              |    | Provided |
| 17               |      |   |        | Proposed                             | l Pa     | ved Standa  | rd Spaces =  |    | 56       |
|                  |      |   |        | Proposed                             | Pa       | ved Van A 🛭 | )A Spaces =  |    | 2        |
|                  |      | Proposed Paved Standard ADA Spaces =<br>Proposed Paved Vehicle Storage Spaces = |        |                                      |          |             | 2            |    |          |
|                  |      |   |        |                                      |          |             | 532          |    |          |
|                  |      |   | Pro    | posed Unpaved                        | l Ve     | hicle Stora | geSpaces=    |    | 287      |
|                  | 4    |   |        |                                      |          |             | TOTAL =      |    | 879      |

<del>mmmmmmm</del>

### **ENGINEER-**

ADC ENGINEERING, INC. 25 WOODS LAKE ROAD, SUITE 210 GREENVILLE, SC 29607

(864) 751-9122 TELEPHONE

### **DEVELOPER**

NC ROCKY POINT US 117, LLC 201 RIVERPLACE. SUITE 400 GREENVILLE, SC 29601 JOHN McLENDON LARRY BARTHELEMY, IV, PE (864) 905-4737 TELEPHONE

**ROCKY POINT** 

ROCKY POINT NORTH CAROLINA





864-751-9121

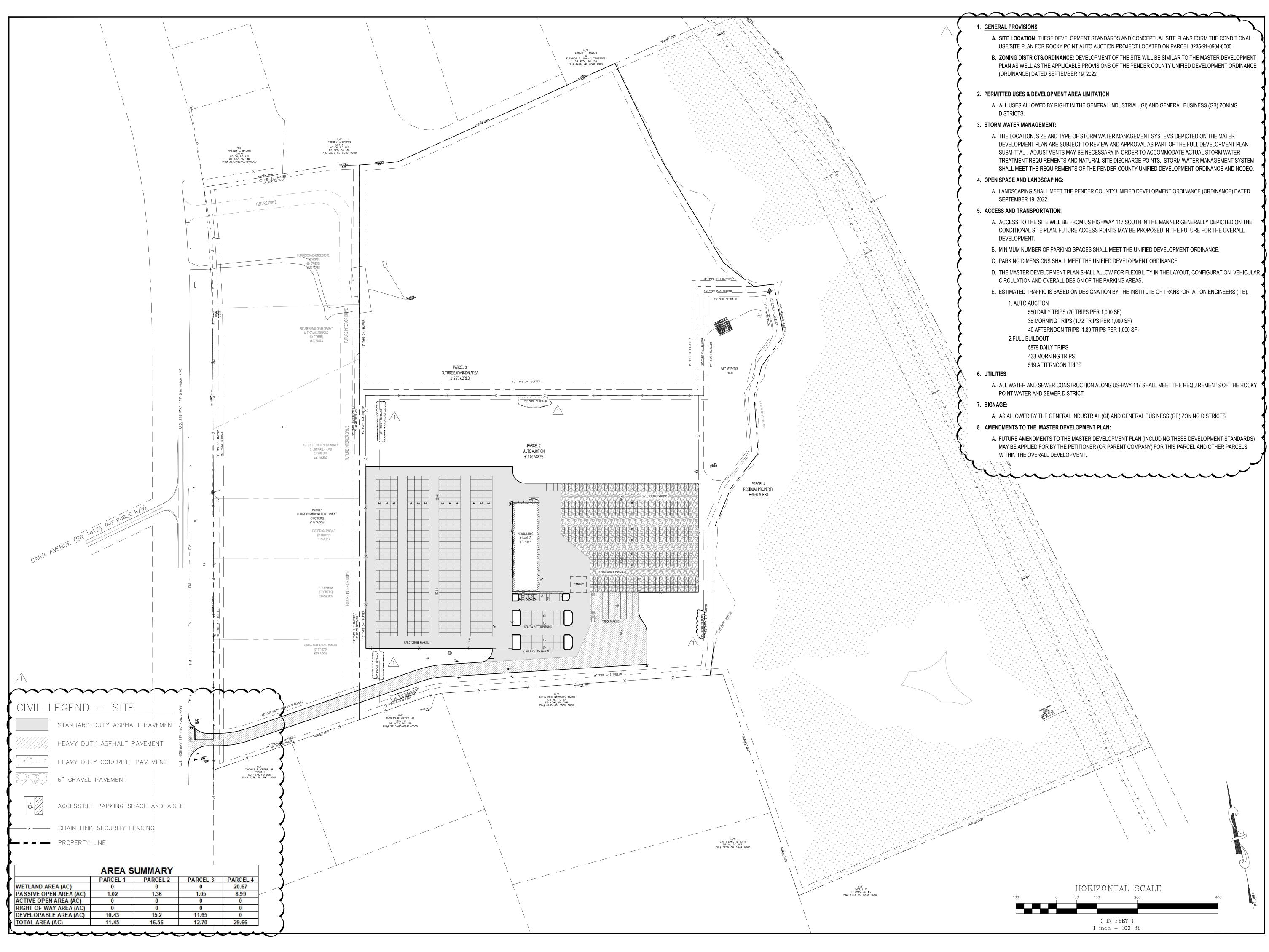
ADCENGINEERING.COM

NC COA #C-1572



| 8/08/2023 |
|-----------|
| •         |

CIVIL COVER



ALITO ALICTION

ROCKY POINT A

SEAL 027779

ENGINEER

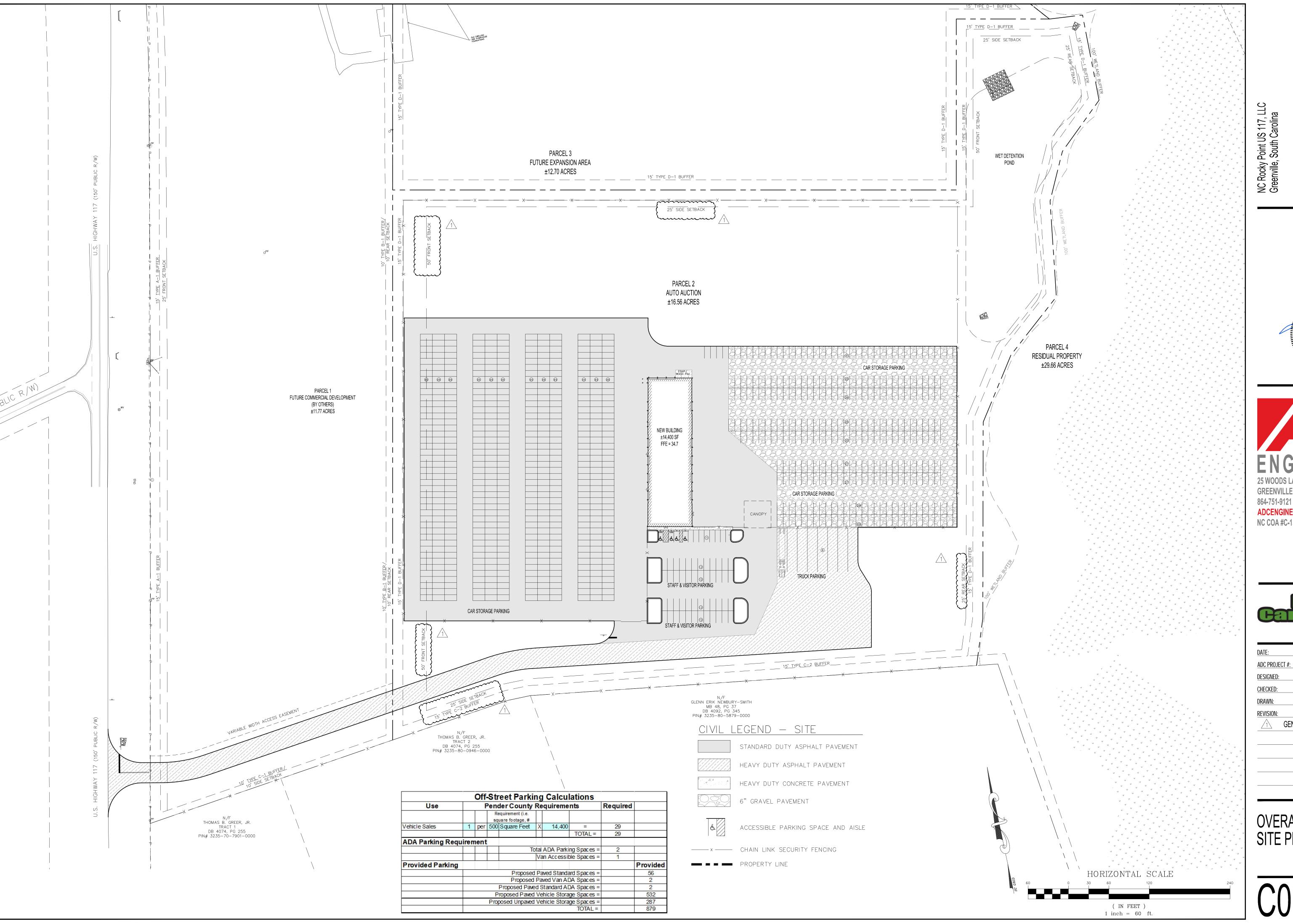
08/08/2023





| DATE:     | 08/08/202    | 23     |            |
|-----------|--------------|--------|------------|
| ADC PROJE | ECT #: 22530 |        |            |
| DESIGNED: | LKB          |        |            |
| CHECKED:  | LKB          |        |            |
| DRAWN:    | LKB          |        |            |
| REVISION: |              |        |            |
| 1         | GENERAL REV  | ISIONS | 08/08/2023 |

OVERALL MASTER DEVELOPMENT PLAN





ROCKY POINT NORTH CAROLINA

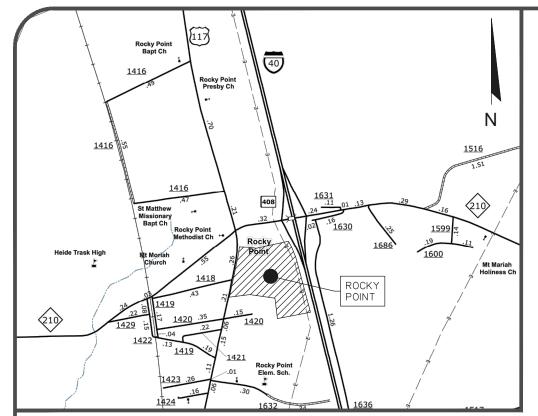


ADCENGINEERING.COM NC COA #C-1572



| DATE:     | 08/08/2023        |            |
|-----------|-------------------|------------|
| ADC PROJE | CT #: 22530       |            |
| DESIGNED: | LKB               |            |
| CHECKED:  | LKB               |            |
| DRAWN:    | LKB               |            |
| REVISION: | LIND              |            |
| 1         | GENERAL REVISIONS | 08/08/2023 |
|           |                   |            |

OVERALL SITE PLAN



### **GPS STATEMENT**

SHEET 3

GPS2 "IRS"

ELEV= 36.84

(SR 1418) (60' PUBLIC R/W)

GPS1 "IRS"

N= 251,096.21

EL.= 39.03

E = 2,337,575.020

LOCALIZATION POINT

(GRID/GROUND COORDINATES)/

N= 251,800.429 \_ E= 2,337,686.424

108.43'04,7EP.O.B.)

THOMAS B. GREER, JR.

TRACT 1

DB 4074, PG 255

/PIN# 3235-70-7901-0000

THIS SURVEY WAS PERFORMED TO MEET FEDERAL GEOGRAPHIC DATA COMMITTEE STANDARDS AS APPLICABLE; THAT THE ORIGINAL GPS DATA WAS OBTAINED ON JANUARY 2023; THAT THE FIELD LOCATION WAS COMPLETED ON FEBRUARY 28, 2023; THE PRIMARY STATE PLANE AZIMUTH COORDINATES SHOWN HEREON ARE NORTH CAROLINA STATE PLANE VALUES (FIPS 3200) BASED ON THE NAD 1983 (NSRS 2011) NAVD 1988 (GEOID 12B) ADJUSTMENT AS POSITIONED BY THE NGS VRS NETWORK FROM OBSERVATIONS MADE BY THIS OFFICE USING TRIMBLE GNSS R-8 MODEL 4 SURVEY GRADE DUAL FREQUENCY RECEIVERS AND OBSERVED USING MULTIPLE SESSIONS A MINIMUM OF 240 EPOCHS; ALL OTHER COORDINATES ARE LOCALIZED GROUND COORDINATES DERIVED FROM CONVENTIONAL METHODS BY THIS OFFICE; THIS SURVEY WAS COMPILED TO MEET THE ASPRS STANDARDS FOR CLASS 1 MAP ACCURACY AT 1:720 (1" = 60'). ALL REPORTED VALUES ARE U.S. SURVEY FEET.

THE LOCALIZED HORIZONTAL COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED FOR GPS1 "IRS" WITH NAD 83/2011 STATE PLANE GRID COORDINATES OF NORTHING: 251,096.213 (USft) EASTING: 2,337,575.020 (USft) EL.= 39.03 (NAVD88) THE SCALE FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99997347 ALL LINEAR DIMENSIONS ARE LOCALIZED GROUND HORIZONTAL DISTANCES.

### VICINITY MAP (NOT TO SCALE)

### **LEGEND**

IPF.....EXISTING IRON PIPE FOUND IRF......EXISTING IRON REBAR FOUND IPPF.....EXISTING IRON PINCHTOP PIPE FOUND RWMON....CONCRETE R/W MONUMENT FOUND IRS......5/8" IRON REBAR SET

NIP......NEW IRON PIN (5/8" REBAR) CP.....COMPUTED POINT

NS......NAIL SET TBM.....TEMPORARY BENCHMARK RW ALUM DISK...R/W MONUMENT ALUMINUM DISK

0000 STREET ADDRESS

LINE SURVEYED —— — — LINE NOT SURVEYED / R/W CENTERLINE — — — — — EASEMENT LINE

— — — — SETBACK LINE WETLANDS

| Name                    | SYMBOL |
|-------------------------|--------|
| EXISTING IRON           | 0      |
| NEW IRON PIN            | •      |
| CONCRETE MONUMENT       | ⊡      |
| COMPUTED POINT          | •      |
| POWER POLE/ GUY<br>POLE | Q      |
| GUYWIRE/ANCHOR          | 4—     |

### TITLE COMMITMENT INFORMATION:

STEWART TITLE GUARANTY COMPANY

COMMITMENT NUMBER: 22000140540 COMMITMENT DATE: NOVEMBER 02, 2022 at 8:00 AM

### EXCEPTIONS TO TITLE (SCHEDULE B - SECTION II):

- 11. EASEMENT(S) AND/OR RIGHT(S) OF WAY IN FAVOR OF CAROLINA POWER & LIGHT COMPANY, RECORDED IN;
- •• BOOK 350, PAGE 217 BLANKET EASEMENT
- •• BOOK 350, PAGE 304 BLANKET EASEMENT •• BOOK 581, PAGE 70 - AS SHOWN ON MAP •• BOOK 586, PAGE 284 - BLANKET EASEMENT
- AND BOOK 615, PAGE 292 IT IS NOT ON, DOES NOT TOUCH, AND/OR BASED ON THE DESCRIPTION CONTAINED IN THE RECORD DOCUMENT - DOES NOT AFFECT, THE SURVEYED PROPERTY PENDER COUNTY REGISTRY.
- 12. TERMS, CONDITIONS, COVENANTS, EASEMENTS AND RESTRICTIONS CONTAINED IN DEED RECORDED IN BOOK 351, PAGE 255, PENDER COUNTY REGISTRY. - IT IS NOT ON, DOES NOT TOUCH, AND/OR - BASED ON THE DESCRIPTION CONTAINED IN THE RECORD DOCUMENT - DOES NOT AFFECT, THE SURVEYED PROPERTY
- 13. RIGHT OF WAY GRANT(S) IN FAVOR OF CAROLINA POWER & LIGHT COMPANY,
- •• BOOK 363, PAGE 628 AS SHOWN ON MAP •• BOOK 380, PAGE 313 - AS SHOWN ON MAP
- 14. BOUNDARY LINE AGREEMENT RECORDED IN BOOK 370, PAGE 611, PENDER COUNTY REGISTRY. - IT IS NOT ON, DOES NOT TOUCH, AND/OR - BASED ON THE DESCRIPTION CONTAINED IN THE RECORD DOCUMENT - DOES NOT AFFECT, THE SURVEYED
- 15. DEED(S) OF EASEMENT IN FAVOR OF THE DEPARTMENT OF TRANSPORTATION,
- RECORDED IN

, PENDER COUNTY REGISTRY.

- •• BOOK 579, PAGE 170 AS SHOWN ON MAP •• BOOK 579, PAGE 171 - IT IS NOT ON, DOES NOT TOUCH, AND/OR - BASED ON THE DESCRIPTION CONTAINED IN THE RECORD DOCUMENT - DOES NOT AFFECT, THE SURVEYED PROPERTY , PENDER COUNTY REGISTRY.
- 16. DEED(S) OF EASEMENT IN FAVOR OF MARTIN MARIETTA CORPORATION, RECORDED
- •• BOOK 590, PAGE 307 IT IS NOT ON, DOES NOT TOUCH, AND/OR BASED ON THE DESCRIPTION CONTAINED IN THE RECORD DOCUMENT - DOES NOT AFFECT,
- BOOK 614, PAGE 10 IT IS NOT ON, DOES NOT TOUCH, AND/OR BASED ON THE DESCRIPTION CONTAINED IN THE RECORD DOCUMENT - DOES NOT AFFECT, THE SURVEYED PROPERTY , PENDER COUNTY REGISTRY.
- 17. RIGHT OF WAY AGREEMENT IN FAVOR OF THE DEPARTMENT OF TRANSPORTATION, RECORDED IN BOOK 704, PAGE 191, PENDER COUNTY REGISTRY.IT IS NOT ON, DOES NOT TOUCH, AND/OR - BASED ON THE DESCRIPTION CONTAINED IN THE RECORD DOCUMENT - DOES NOT AFFECT, THE SURVEYED PROPERTY

### FLOOD ZONE INFORMATION:

THIS PROPERTY IS LOCATED IN FLOOD ZONE "X", COMMUNITY NUMBER 370344, PER FEMA MAP PANEL NO. 3720322400J, PANEL EFFECTIVE DATE 02/16/2007, AND IS SUBJECT TO VERIFICATION BY THE COUNTY FEMA OFFICER.

- 1. THIS PLAT IS DERIVED FROM INFORMATION GATHERED BY AN ACTUAL FIELD SURVEY MADE BY THIS OFFICE JANUARY, 2023.
- 2. HORIZONTAL DATUM USED FOR THIS PROJECT IS NAD 1983/NSRS 2011 (U.S. SURVEY FEET)
- 3. ALL DISTANCES ARE HORIZONTAL GROUND MEASUREMENTS, UNLESS OTHERWISE NOTED. 4. ALL AREAS COMPUTED BY COORDINATE COMPUTATION METHOD.
- 5. ALL "NIP...NEW IRON PIN" ARE 5/8" REBAR.
- 6. CONTRACTOR IS TO VERIFY ALL SUBSURFACE UTILITIES PRIOR TO CONSTRUCTION.
- 7. TOTAL AREA= 70.68 ACRES
- 8. THIS SURVEY REPRESENTS THE SAME PROPERTY AS DESCRIBED IN TITLE COMMITMENT.

### **ROCKY POINT TRACT A LEGAL DESCRIPTION:** COMMENCING FROM AN IRON REBAR (GPS1 "IRS") WITH NAD 1983/NSRS 2011

THENCE, N 11° 59' 31" E FOR A DISTANCE OF 689.55 FEET TO A POINT; Thence, N 11° 41' 22" E for a distance of 364.45 feet to the beginning of a NON-TANGENTIAL CURVE, SAID CURVE TURNING TO THE LEFT THROUGH AN ANGLE OF 06° 12' 59", HAVING A RADIUS OF 3570.41 FEET, AND WHOSE LONG CHORD BEARS N 08° 46' 45" E FOR A DISTANCE OF 387.18 FEET TO A POINT OF INTERSECTION WITH A NON-TANGENTIAL LINE; THENCE, S 87° 41' 25" E FOR A DISTANCE OF 308.46 FEET TO A POINT; THENCE, S 80° 07' 42" E FOR A DISTANCE OF 84.18 FEET TO A POINT; THENCE, S 82° 56′ 52" E FOR A DISTANCE OF 91.92 FEET TO A POINT; THENCE, N 77° 36' 29" E FOR A DISTANCE OF 458.64 FEET TO A POINT; THENCE, N 77° 26' 57" E FOR A DISTANCE OF 85.17 FEET TO A POINT; THENCE, N 77° 58' 48" E FOR A DISTANCE OF 379.98 FEET TO A POINT; THENCE, S 28° 17' 00" E FOR A DISTANCE OF 79.87 FEET TO A POINT; THENCE, S 27° 43' 52" E FOR A DISTANCE OF 138.85 FEET TO A POINT; THENCE, S 21° 33' 05" E FOR A DISTANCE OF 278.42 FEET TO A POINT; THENCE, S 15° 31' 27" E FOR A DISTANCE OF 145.44 FEET TO A POINT; THENCE, S 14° 58' 12" E FOR A DISTANCE OF 1314.19 FEET TO A POINT; THENCE, S 14° 19' 50" E FOR A DISTANCE OF 139.65 FEET TO A POINT; Thence, S  $79^{\circ}$  05' 48" W for a distance of 945.83 feet to a point; Thence, N  $06^{\circ}$  39' 53" W for a distance of 216.38 feet to a point; THENCE, N 07° 04' 56" W FOR A DISTANCE OF 362.02 FEET TO A POINT; THENCE, N 81° 52' 17" W FOR A DISTANCE OF 696.03 FEET TO A POINT; THENCE, N 89° 55' 38" W FOR A DISTANCE OF 33.91 FFFT TO A POINT:

SAID PARCEL BEING ALL THAT PIECE, PARCEL OR TRACT OF LAND LYING AND BEING IN THE TOWNSHIP OF ROCKY POINT, COUNTY OF PENDER, STATE OF NORTH CAROLINA, CONTAINING 70.68 ACRES, 3,078,767 SQUARE FEET..

THENCE S 82° 59' 59" W A DISTANCE OF 561.75 FEET TO THE POINT OF BEGINNING.

# COORDINATES, N- 251,096.213, E- 2,337,575.020, PROCEED S 78° 43' 04" E FOR A SHEET 2 DISTANCE OF 56.24 FEET TO AN IRON PIN BEING THE POINT-OF-BEGINNING (P.O.B.)

## 1. THE DEPICTED DASHED UTILITY LINES SHOWN HEREON WERE DESIGNATED AND OBSERVED NOVEMBER

2. THE UNDERGROUND UTILITIES SHOWN HEREON ARE APPROXIMATE LOCATIONS AND ARE BASED ON ABOVE GROUND FEATURES, PHYSICAL EVIDENCE, PAINT MARKINGS PROVIDED BY ESP ASSOCIATES, AND UTILITY PLANS. THE SURVEYOR DOES NOT GUARANTEE THAT ALL EXISTING UNDERGROUND STRUCTURES SUCH AS UTILITIES, TANKS, PIPES, ETC. ARE LOCATED HEREON, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT ALL UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED. NO EXCAVATIONS WERE MADE BY THE SURVEYOR TO LOCATE ANY BURIED UTILITIES OR STRUCTURES.

3. ALL UNDERGROUND UTILITIES SHOWN HEREON WERE LOCATED IN ACCORDANCE WITH QUALITY LEVEL "B/C" SUBSURFACE UTILITY ENGINEERING STANDARDS. THIS QUALITY LEVEL DOES NOT GUARANTEE THE LOCATION OF ALL UNDERGROUND UTILITIES THAT MAY EXIST WITHIN THE SUE LIMITS. THIS SUE SURVEY SHOULD NOT BE RELIED UPON AS A COMPLETE DEPICTION OF ALL UNDERGROUND UTILITY APPURTENANCES THAT MAY EXIST WITHIN THE SUE LIMITS.

4. USE OF THIS SUE SURVEY DOES NOT NEGATE ANY PARTY'S RESPONSIBILITY TO CONTACT "ONE-CALL" PRIOR TO PERFORMING CONSTRUCTION OR EXCAVATION OPERATIONS.

### SUE LINETYPES ——— G—— — U/G GAS —— — T — — U/G TELEPHONE — T FO — — U/G TELEPHONE FIBER OPTIC ---- U/G TELEVISION —— — w— — —— U/G WATER

⊗ WATER VALVE

CHANGE OF SERVICE

GLENN ERIK NEWBURY-SMITH

MB 48, PG 37

3 4092, PG 345 PIN# 3235-80-5879-0000

EDITH LYNETTE TART

N# 3235-80-6544-0000

—— — UNK — — — U/G UNKNOWN

RONNIE L. ADAMS

ELEANOR P. ADAMS, TRUSTEES

DB 4174, PG 256 PIN# 3235-92-0722-0000

FREDDY L. BROWN

DB 629, PG 135

- AND PUMPHOUSE

PIN# 3235-82-2689-0000

POWER POLE

(NO LINES)

THOMAS B. GREER, JR.

DB 4074, PG 255

PIN# 3235-80-0946-0000

FREDDY L. BROWN

DB 629, PG 135

PIN# 3235-82-0519-0000

OVERHEAD - POWERLINES (TYPICAL)

——— / ≚S87°41'25"E 308.46'\_

To: Rocky Point Interchange, LLC;

Professional Land Surveyor Number L-4706

JWC2, LLC DB 2215, PG 43

PIN# 3234-99-5338-0000

RealtyLink Investments, LLC, a South Carolina limited liability company; Stewart Title Guaranty Company;

This is to certify that this map or plat and the survey on which it is based were made in accordance with the 2021 Minimum Standard Detail Requirements for ALTA/NSPS Land Title Surveys, jointly established and adopted by ALTA and NSPS, and includes items 1, 2, 3, 4, 5, 6(a), 6(b), 7(a-c), 8, 9, 11(a), 11(b), 13, 17, 18 and 19 of Table A thereof. The fieldwork was completed on February 28, 2023. Date of Plat or Map: 03/01/2023

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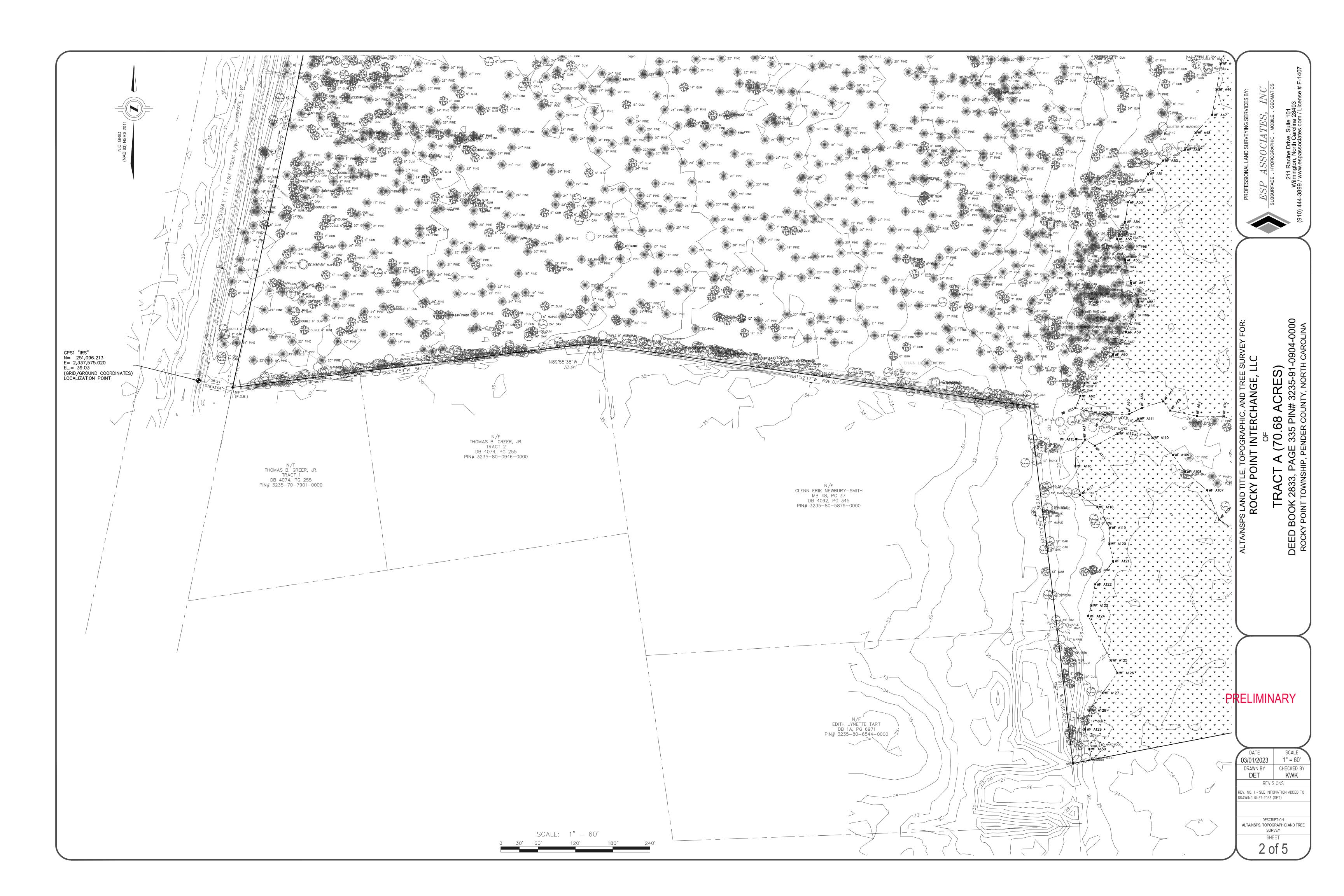
Donald E. Thomas Printed Name

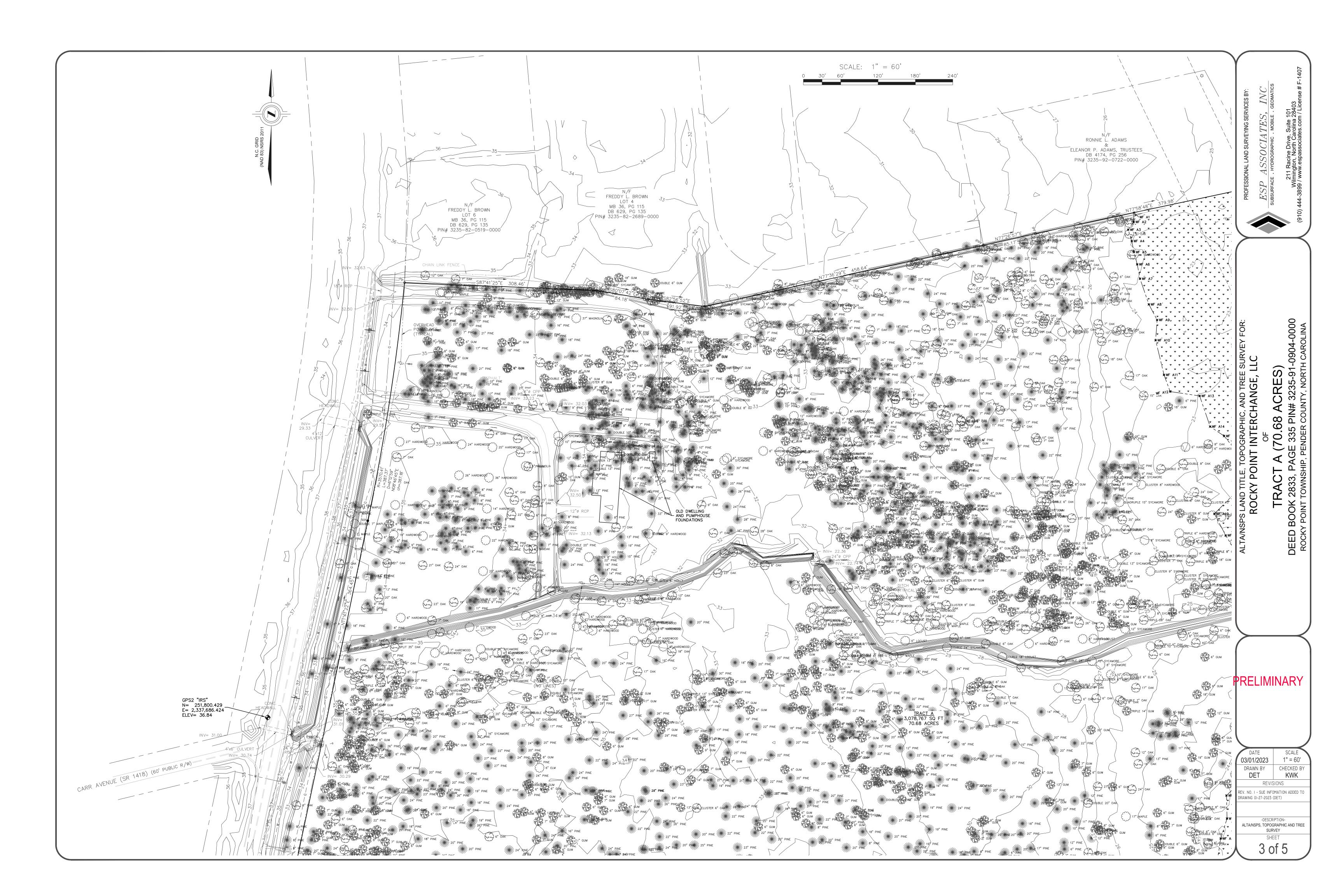
SHEET 4

1" = 150' 03/01/2023 DRAWN BY CHECKED BY DET KWK REVISIONS

SHEET 5

REV. NO. I - SUE INFOMATION ADDED TO DRAWING 01-27-2023 (DET) -DESCRIPTION-ALTA/NSPS, TOPOGRAPHIC AND TREE SURVEY





|  | Wetland Point Table  | Wetland Point Table  | Wetlo                |
|--|--|--|----------------------|
|  | Description   Northing   Easting                           |  | scription<br>/F A101 |
|  | WF A2 252596.78 2339078.12<br>WF A3 252584.30 2339069.27   |  | F A102               |
| RONNIE L. ADAMS  ELEANOR P. ADAMS, TRUSTEES  RONNIE L. ADAMS  RONNIE L. AD | WF A4 252566.04 2339075.06<br>WF A5 252548.29 2339078.53   |  | F A104               |
| DB 4174, PG 256<br>PIN# 3235-92-0722-0000  | WF A6 252528.65 2339083.81<br>WF A7 252505.49 2339088.31   | WF A56 251289.82 2339064.09 WF A                             | F A106               |
|  | WF A8 252464.32 2339102.52<br>WF A9 252439.31 2339115.80   | WF A58 251222.81 2339085.91 WF A                             | F A108               |
|  | WF A10 252406.67 2339113.39<br>WF A11 252351.05 2339126.87 | WF A60 251138.07 2339044.72 WF A                             | /F A110<br>/F A111   |
| N77*58'48'E 379.98'  | WF A12 252324.19 2339136.73<br>WF A13 252317.20 2339184.12 | WF A62 251071.37 2338992.39 WF A                             | /F A112<br>/F A113   |
| WF A2 WF A3  | WF A14 252267.98 2339201.00<br>WF A15 252252.78 2339223.41 | WF A64 251040.83 2339032.88 WF A                             | /F A114<br>/F A115   |
| N77*26'57"  SOUNT HARDWOOD STAD JANUAR SOUNT STATE OF THE SOUNT STATE  | WF A16 252222.81 2339247.81 WF A17 252188.50 2339262.24    | WF A66 251052.48 2339091.46 WF A                             | /F A116<br>/F A117   |
| 20" PINE 22" | WF A18 252160.04 2339239.76<br>WF A19 252127.69 2339207.81 | WF A68 251047.99 2339136.86 WF A                             | /F A118<br>/F A119   |
| 458.64<br>N77°36'29"E 458.64<br>17" HAR ON ONLY OAK WE A7" V V V V V V V V V V V V V V V V V V V   | WF A20 252093.12 2339225.97<br>WF A21 252073.95 2339237.63 | WF A70 251038.65 2339222.73 WF A                             | F A120<br>/F A121    |
| 22 PINE  17" PINE  24" PINE  30  | WF A22 252091.09 2339271.60<br>WF A23 252101.91 2339308.21 | WF A72 251046.93 2339270.37 WF A                             | F A122               |
| PINE 21" PINE 36" OAK PINE 36"  | WF A24 252098.44 2339328.85<br>WF A25 252097.58 2339363.95 | WF A74 251074.38 2339297.69 WF A                             | F A124               |
| 6" PINE 28" PINE 28" PINE 20" PINE 20" PINE 26"  | WF A26 252100.35 2339400.53<br>WF A27 252066.94 2339441.07 |  | F A126               |
| 19" PINE 19" | WF A28 252050.35 2339473.49<br>WF A29 252039.84 2339479.48 |  | F A128               |
| 25" PINE 24" PINE 24" PINE 24" PINE 22" PINE 24" PINE 22" | WF A30 252024.66 2339481.00<br>WF A31 252001.99 2339448.34 | WF A80 251106.11 2339498.64 WF A WF A81 251105.42 2339534.05 | F A130               |
| 26" PINE 8" OAK  TO PINE 22" PINE 31" PINE 32" P | WF A32 251981.26 2339409.04<br>WF A33 251952.89 2339372.10 | WF A82 251108.97 2339559.34<br>WF A83 251086.61 2339564.62   |                      |
| PIRE PINE 19" PINE 19 | WF A34 251932.03 2339355.17<br>WF A35 251914.17 2339335.08 | WF A84 251068.65 2339557.56<br>WF A85 251056.51 2339558.92   |                      |
| 8" PINE 8" PINE 8" PINE 25", PINE 3", P | WF A36 251861.10 2339333.72<br>WF A37 251810.37 2339333.91 | WF A86 250994.08 2339574.04 WF A87 250952.56 2339554.33      |                      |
| BITE BY BELLE TO AK  18" GUM  7" PINE  18" GUM  7" PINE   | WF A38 251795.97 2339323.14<br>WF A39 251779.47 2339311.77 | WF A88 250914.16 2339588.02<br>WF A89 250898.75 2339614.54   |                      |
| BELLY COLD PINE 8" PIN | WF A40 251747.12 2339296.44 WF A41 251729.38 2339260.75    | WF A90 250867.86 2339633.34<br>WF A91 250850.20 2339640.64   |                      |
| 6" HARDWOOD 6" HAR | WF A42 251704.86 2339257.44<br>WF A43 251674.99 2339227.27 | WF A92 250825.77 2339684.09<br>WF A93 250779.49 2339692.48   |                      |
| 12" PINE  12" PINE  12" PINE  12" PINE  12" PINE  12" PINE  30" PINE  30" PINE  30" PINE  30" PINE   | WF A44 251637.92 2339228.15<br>WF A45 251605.82 2339217.95 | WF A94 250741.83 2339662.72<br>WF A95 250719.64 2339610.63   |                      |
| 9" PINE DOUBLE 6" OAK 9" PINE 20" PINE 21" PINE 22" PINE 21" PINE  | WF A46 251564.11 2339211.56<br>WF A47 251523.20 2339204.26 | WF A96 250737.04 2339597.86<br>WF A97 250750.59 2339570.45   |                      |
| 8" PINE STORE STOR | WF A48 251494.62 2339177.64<br>WF A49 251467.25 2339160.96 | WF A98 250767.52 2339530.53<br>WF A99 250751.86 2339477.25   |                      |
| STANDING OF OAK STRING ON CLUSTER 8" GUM PINE GUM WE GUNDING OF OAK STRING OA | WF A50 251449.65 2339125.50                                | WF A100 250751.31 2339447.20                                 |                      |
| TO SUM STANDED TO SUM |  |  |                      |
| TRIPLE 6" HARDWOOD 10" WF A20   |  |  |                      |
| INV= 22.36    NV = 22.36   PINE   PIN |  |  |                      |
| OOUBLE 13" SYCAMORE  TRIPLE 9 SYCAMORE  23" PINE  22" PINE  23" PINE  22" PINE  22" PINE  23" PINE  22" PINE  23" PINE  23" PINE  22" PINE  23" PINE  22" PINE  23" PINE  22" PINE  23" PI |  |  |                      |
| 9" PINE WASO CLUSTER 1" SYCAMORE 22" PINE TO SHE SYCAMORE 22" PINE TO SHE SYCAMORE 22" PINE TO SHE SYCAMORE 24" SYCAMORE 32" ORD SYCAMORE  |  |  |                      |
| A PTHEREMOOD AND AND AND AND AND AND AND AND AND AN  |  |  |                      |
| TRIPLE 7" OAK SOUBLE 8" OAK SO |  |  |                      |
| 6" OAK  SE" HARDWOOD SE" SYCAMORE CLUSTER 7" MAPLE COLUSTER 7" MAPLE COLUSTER 7" MAPLE COLUSTER 6" OAK  SE" HARDWOOD SE SYCAMORE CLUSTER 7" MAPLE COLUSTER 7 |  |  |                      |
| 6" OAK  6" HARDWOOD 7" OAK  DOUBLE 25 STCAMORE  FOR OAK   | \  |  |                      |
| 12 PINE 23" PINE 22" PINE 23" PINE   | \  |  |                      |
| DOUBLE 6" GUM  WF A36   WF A36 |  |  |                      |
| 6" COM 10" PINE 20" P | \  |  |                      |
| TRIPLE 14" GUM  TRACT A  TO THE STORY OF THE | \  |  |                      |
| 10" PINE 12" PINE 25" |  |  |                      |
| 20" PINE 20" PINE 22" | ,  |  |                      |
| NE 22" PINE 18" PINE 22" PINE 22" PINE 20" PINE  | \  |  |                      |
| # 20" PINE # 22" PINE TO GO TO |  |  |                      |
| PINE 10 PINE 20" PINE | \  |  |                      |
| 21" PINE 20" | \  |  |                      |
| 6° GUM  22" PINE  22" PINE  21" PINE  21" PINE  21" PINE  21" PINE  317" MAPLE  41" PINE  41" PI |  |  |                      |
| 18" PINE 20" | \ 0 30   | SCALE: 1" = 60'<br>0' 60' 120' 180'                          |                      |
| ** 20" PINE ** 18 JUNE | \  |  |                      |

Wetland Point Table tion Northing Easting 01 250775.10 2339419.22 102 250787.38 2339365.51 03 250825.62 2339336.07 104 250841.82 2339306.26 05 250844.40 2339255.26 106 250872.86 2339215.81 107 250920.00 2339196.04 108 250949.98 2339160.52 109 250976.75 2339140.96 10 251004.53 2339108.49 11 251035.04 2339085.53 12 251011.19 2339052.28 13 | 250991.52 | 2339015.78 | 114 | 251001.57 | 2339000.01 15 251001.96 2338985.57 16 250958.83 2338984.56 17 | 250912.31 | 2338991.63 118 | 250892.86 | 2339019.83 119 | 250859.87 | 2339039.68 | 20 250833.98 2339039.20 21 250806.02 2339045.22 122 | 250768.65 | 2339016.15 123 250734.70 2339010.30 124 250717.68 2339005.12 125 250646.63 2339041.22 126 250626.33 2339051.98 27 250594.14 2339028.12 128 | 250566.26 | 2339007.34 | 129 250535.70 2339000.18 30 250504.10 2339006.95

ALTA/NSPS LAND TITLE, TOPOGRAPHIC, AND TREE SURVEY FOR:
ROCKY POINT INTERCHANGE, LLC
OF
TRACT A (70.68 ACRES)
DEED BOOK 2833, PAGE 335 PIN# 3235-91-0904-0000
ROCKY POINT TOWNSHIP, PENDER COUNTY, NORTH CAROLINA

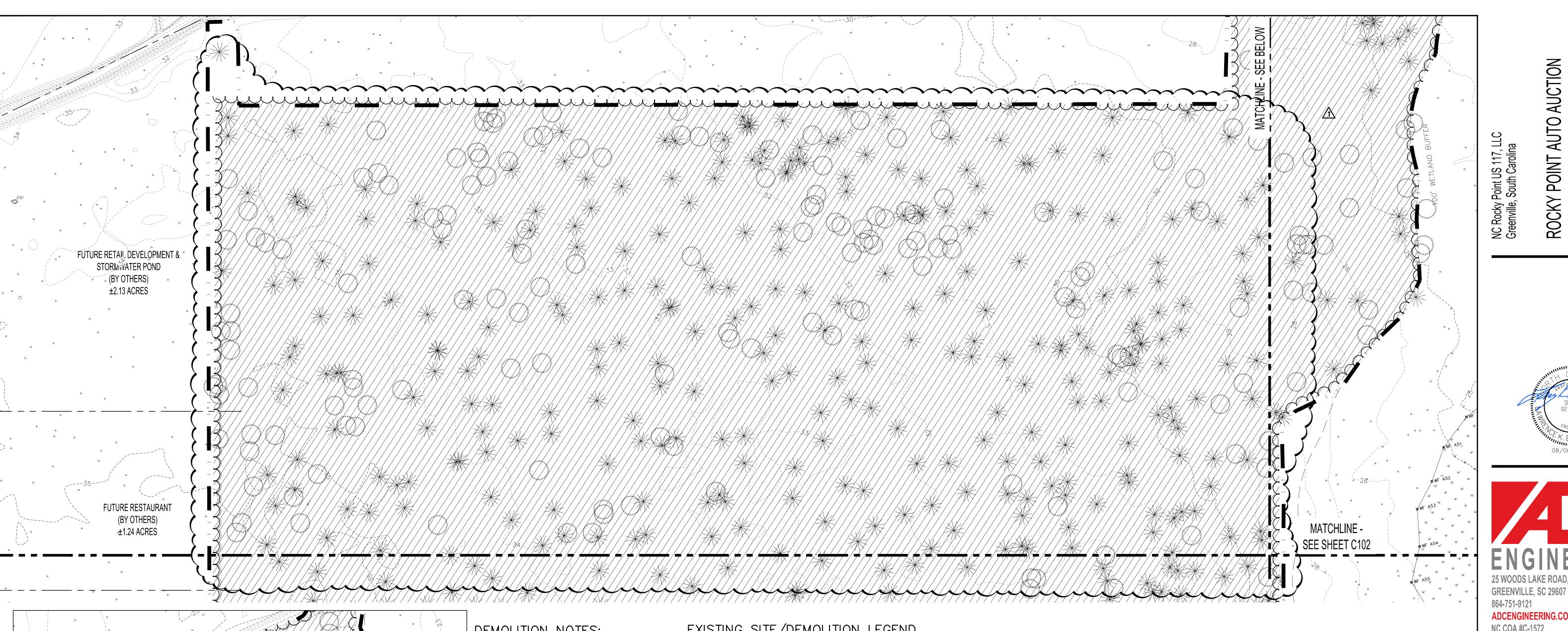
PRELIMINARY

DRAWN BY CHECKED BY KWK REV. NO. I - SUE INFOMATION ADDED TO DRAWING 01-27-2023 (DET)

-DESCRIPTIONALTA/NSPS, TOPOGRAPHIC AND TREE
SURVEY
CHFET

SHEET





MATCHLINE VIEW - SEE ABOVE

### **DEMOLITION NOTES:**

- 1. SEE SHEET COO1 FOR CIVIL ABBREVIATIONS AND GENERAL NOTES.
- 2. PROTECT ALL EXISTING UTILITIES SCHEDULED TO REMAIN.
- 3. PROTECT ALL EXISTING PAVEMENT SCHEDULED TO REMAIN. REPAIR ANY PAVEMENT DAMAGED BY CONSTRUCTION ACTIVITIES.
- 4. REMOVE ACCUMULATED SEDIMENT AND DEBRIS FROM EXISTING STORM DRAINAGE SYSTEM. 5. SALVAGE ALL TREES WITHIN NEW TREE LINE. CONTRACTOR TO REMOVE ALL TREES OUTSIDE THE TREE LINE.
- KEYNOTES:  $\diamondsuit$

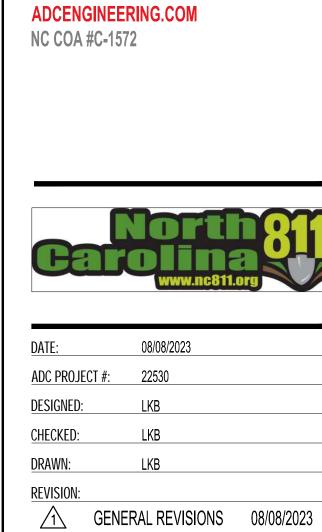
1. REMOVE EXISTING FENCE TO LIMITS SHOWN.

### EXISTING SITE/DEMOLITION LEGEND

| WATER LINE W/ VALVE                | $ \le W - \bigotimes^{WV}$ |
|------------------------------------|----------------------------|
| STORM DRAIN                        | =====                      |
| FORCE MAIN                         | — — FM — —                 |
| FENCE                              | x                          |
| POWER LINE (OVERHEAD)              | —— P ——                    |
| GAS LINE                           | — — G → GV                 |
| FIBER OPTIC LINE (UNDERGROUND)     | — — UFO — —                |
| TELEPHONE LINE (UNDERGROUND)       | — — UT — —                 |
| CABLE TV LINE (UNDERGROUND)        | — —UTV— —                  |
| POWER POLE                         | OPP                        |
| TELEPHONE BOX                      | T                          |
| CONTOUR                            | 24                         |
| EXISTING TREE                      | SIZE/TY                    |
| TREE TO BE DEMOLISHED              | X SIZE/TY                  |
| CLEAR AND GRUB WITHIN LIMITS SHOWN |                            |
| EXISTING WETLANDS                  |                            |
| PROPERTY LINE                      |                            |

LIMITS OF CONSTRUCTION/ LIMITS OF DISTURBANCE

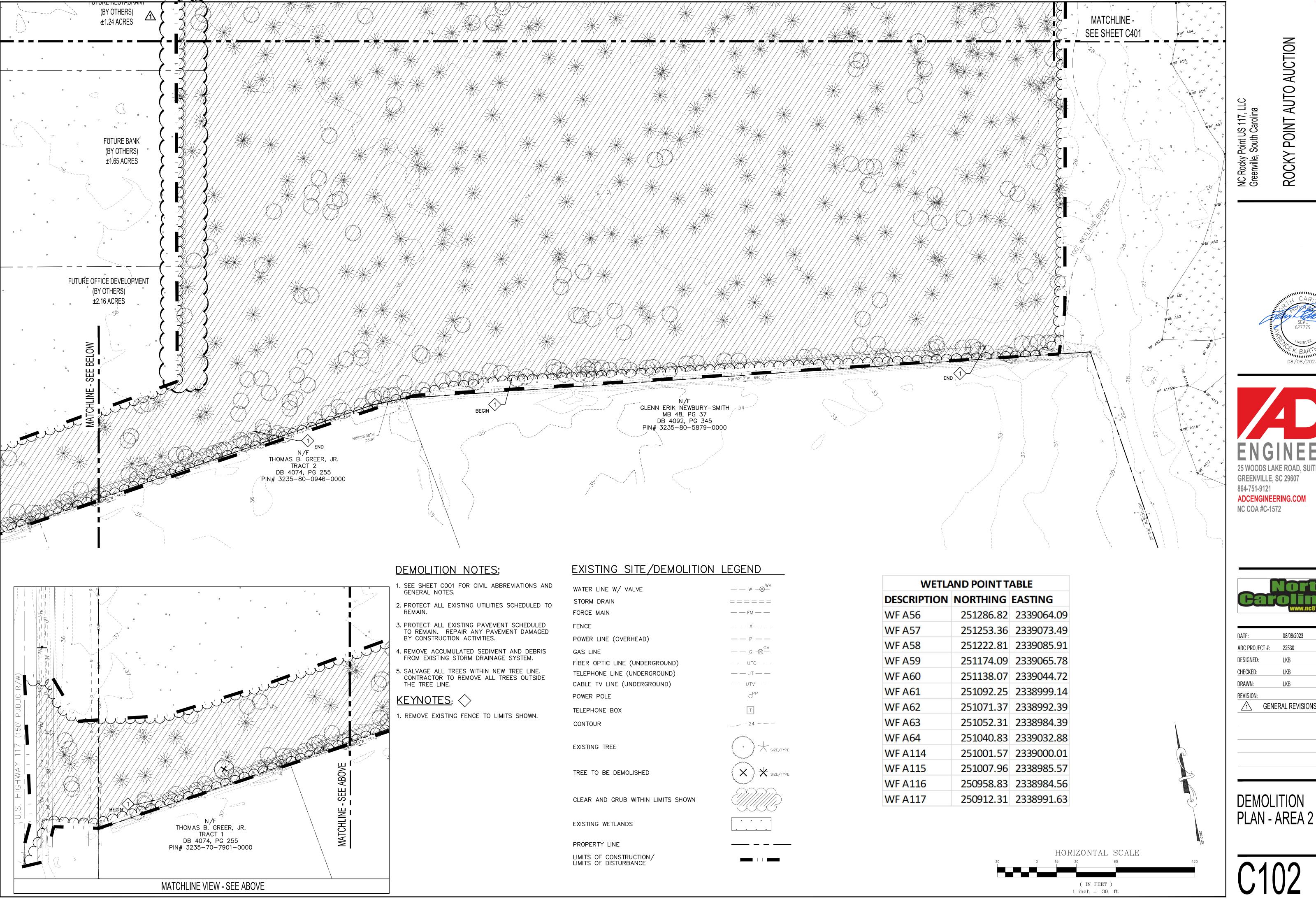
| WETLA       | AND POINT T | ABLE           |
|-------------|-------------|----------------|
| DESCRIPTION | NORTHING    | <b>EASTING</b> |
| WF A50      | 251449.65   | 2339125.50     |
| WF A51      | 251428.70   | 2339101.46     |
| WF A52      | 251402.83   | 2339085.95     |
| WF A53      | 251382.73   | 2339069.95     |
| WF A54      | 251351.57   | 2339064.46     |
| WF A55      | 251323.60   | 2339051.64     |



**DEMOLITION** PLAN - AREA 1

HORIZONTAL SCALE

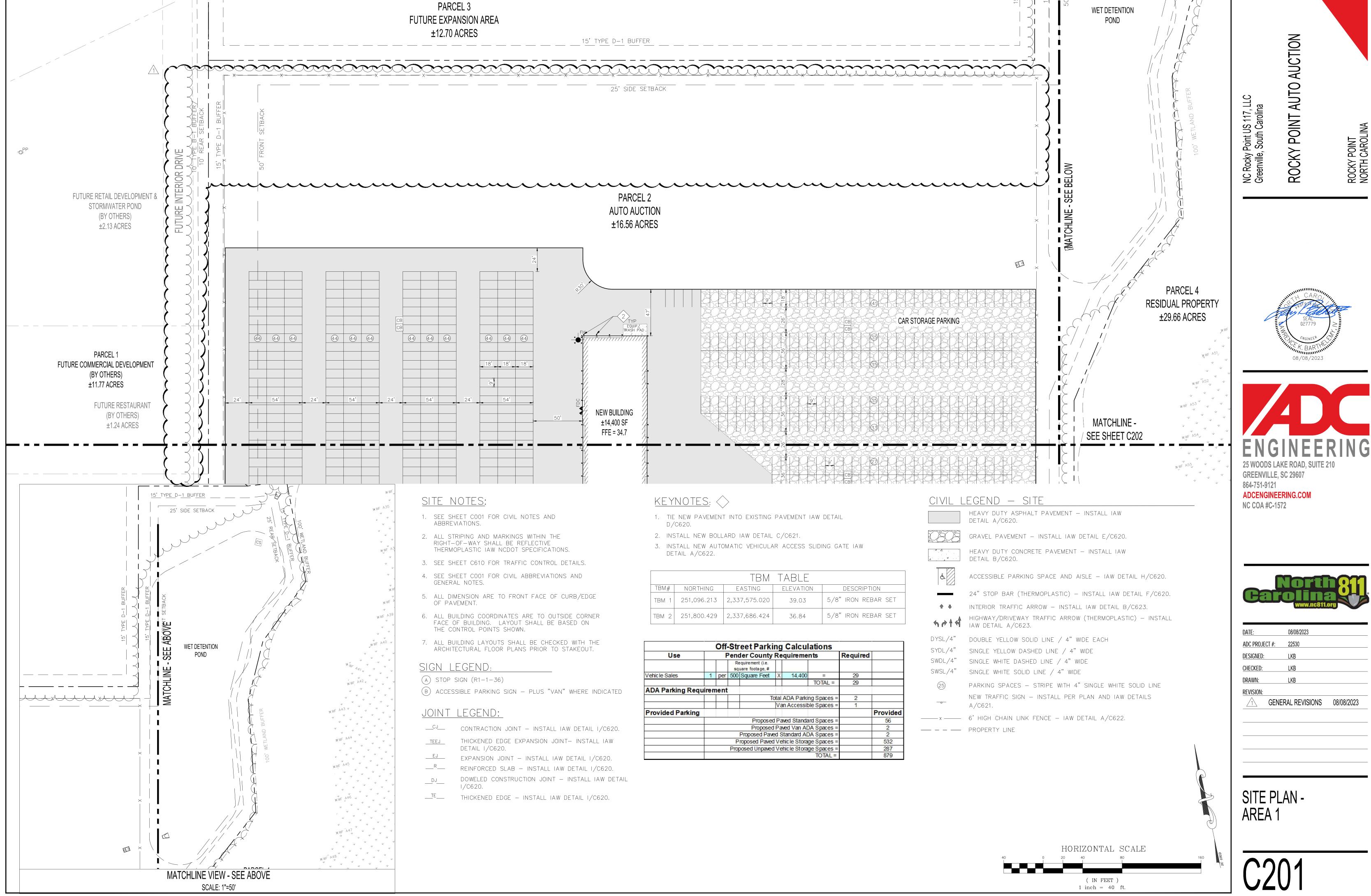
( IN FEET ) 1 inch = 40 ft.





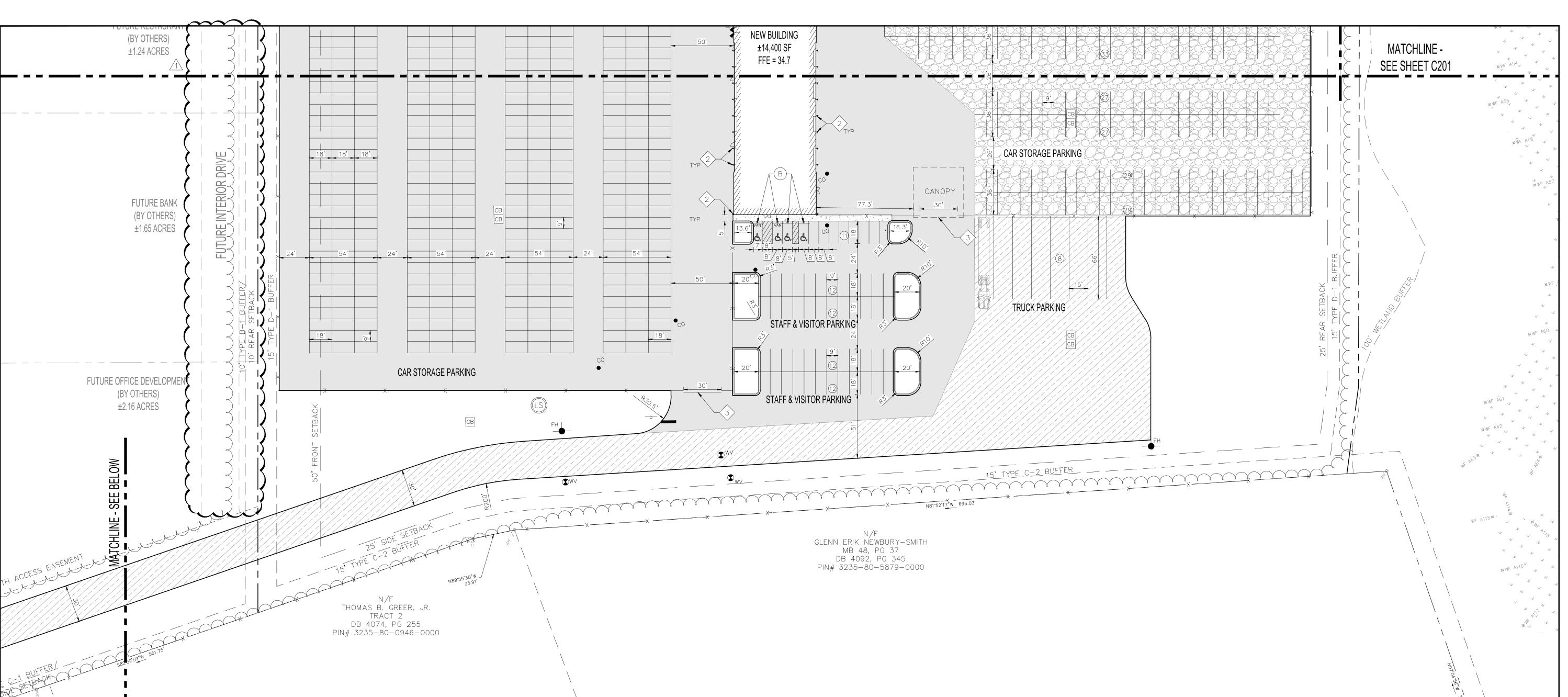


| ATE:       | 08/08/2023        |            |
|------------|-------------------|------------|
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| HECKED:    | LKB               |            |
| RAWN:      | LKB               |            |
| EVISION:   |                   |            |
| <u> </u>   | SENERAL REVISIONS | 08/08/2023 |
|            |                   |            |





| DATE:         | 08/08/2023      |            |
|---------------|-----------------|------------|
| ADC PROJECT # | 22530           |            |
| DESIGNED:     | LKB             |            |
| CHECKED:      | LKB             |            |
| DRAWN:        | LKB             |            |
| REVISION:     |                 |            |
|               | NEDAL DEVISIONS | U8/U8/2U33 |



### SITE NOTES:

- SEE SHEET CO01 FOR CIVIL NOTES AND ABBREVIATIONS.
- 2. ALL STRIPING AND MARKINGS WITHIN THE RIGHT—OF—WAY SHALL BE REFLECTIVE THERMOPLASTIC IAW NCDOT SPECIFICATIONS.
- 3. SEE SHEET C610 FOR TRAFFIC CONTROL DETAILS.
- 4. SEE SHEET COO1 FOR CIVIL ABBREVIATIONS AND GENERAL NOTES.
- 5. ALL DIMENSION ARE TO FRONT FACE OF CURB/EDGE OF PAVEMENT.

6. ALL BUILDING COORDINATES ARE TO OUTSIDE CORNER

FACE OF BUILDING. LAYOUT SHALL BE BASED ON

THE CONTROL POINTS SHOWN.

7. ALL BUILDING LAYOUTS SHALL BE CHECKED WITH THE ARCHITECTURAL FLOOR PLANS PRIOR TO STAKEOUT.

### SIGN LEGEND:

(A) STOP SIGN (R1-1-36)

B ACCESSIBLE PARKING SIGN - PLUS "VAN" WHERE INDICATED

### JOINT LEGEND:

THOMAS B. GREER, JR.

TRACT 1

DB 4074, PG 255

PIN# 3235-70-7901-0000

MATCHLINE VIEW - SEE ABOVE

= 251,096.213

(GRID/GROUND COORDINATES)

E= 2,337,575.020

EL.= 39.03

CONTRACTION JOINT — INSTALL IAW DETAIL I/C620.

TEEJ THICKENED EDGE EXPANSION JOINT— INSTALL IAW

DETAIL I/C620.

EJ EXPANSION JOINT — INSTALL IAW DETAIL I/C620.

REINFORCED SLAB — INSTALL IAW DETAIL I/C620.

DJ\_\_\_ DOWELED CONSTRUCTION JOINT — INSTALL IAW DETAIL

\_\_\_\_\_\_TE\_\_\_\_ THICKENED EDGE — INSTALL IAW DETAIL I/C620.

### KEYNOTES: $\Diamond$

DETAIL A/C622.

- 1. TIE NEW PAVEMENT INTO EXISTING PAVEMENT IAW DETAIL D/C620.
- 2. INSTALL NEW BOLLARD IAW DETAIL C/C621.
- 3. INSTALL NEW AUTOMATIC VEHICULAR ACCESS SLIDING GATE IAW

|       |             | TBM           | TABLE     |                     |
|-------|-------------|---------------|-----------|---------------------|
| TBM#  | NORTHING    | EASTING       | ELEVATION | DESCRIPTION         |
| TBM 1 | 251,096.213 | 2,337,575.020 | 39.03     | 5/8" IRON REBAR SET |
| TBM 2 | 251,800.429 | 2,337,686.424 | 36.84     | 5/8" IRON REBAR SET |

|                  |      | Off  | Str  | eet Parki                           | ng   | Calcul       | ations      |          |          |
|------------------|------|------|------|-------------------------------------|------|--------------|-------------|----------|----------|
| Use              |      | F    | enc  | der County                          | Re   | quireme      | nts         | Required |          |
|                  |      |      |      | equirement (i.e.<br>uare footage, # |      |              |             |          |          |
| /ehicle Sales    | 1    | per  | 500  | Square Feet                         | Х    | 14,400       | 1997        | 29       |          |
|                  |      |      |      |                                     |      |              | TOTAL =     | 29       |          |
| ADA Parking Requ | iren | nent |      |                                     |      |              |             |          |          |
|                  |      |      |      | To                                  | otal | ADA Parkir   | ng Spaces = | 2        |          |
|                  |      |      |      |                                     | Va   | n Accessib   | le Spaces = | 1        |          |
| Provided Parking |      |      |      |                                     |      |              |             |          | Provided |
|                  |      |      |      | Proposed                            | Pa   | ved Standa   | rd Spaces = |          | 56       |
|                  |      |      |      | Proposed                            | Pa   | ved Van AD   | A Spaces =  |          | 2        |
|                  | 4.   |      |      | Proposed Pave                       | ed S | tandard AD   | )A Spaces = |          | 2        |
|                  |      |      | Р    | roposed Paved                       | Ve   | hicle Storaç | ge Spaces = |          | 532      |
|                  |      |      | Prop | osed Unpaved                        | Ve   | hic le Stora | ge Spaces = |          | 287      |
|                  |      |      | 18.  |                                     |      |              | TOTAL =     |          | 879      |

### CIVIL LEGEND — SITE

DETAIL B/C620.

HEAVY DUTY ASPHALT PAVEMENT — INSTALL IAW DETAIL A/C620.

DSOS GF

GRAVEL PAVEMENT - INSTALL IAW DETAIL E/C620.

HEAVY DUTY CONCRETE PAVEMENT - INSTALL IAW

&

ACCESSIBLE PARKING SPACE AND AISLE — IAW DETAIL H/C620.

24" STOP BAR (THERMOPLASTIC) — INSTALL IAW DETAIL F/C620.

INTERIOR TRAFFIC ARROW — INSTALL IAW DETAIL B/C623.

HIGHWAY/DRIVEWAY TRAFFIC ARROW (THERMOPLASTIC) — INSTALL IAW DETAIL A/C623.

DYSL/4" DOUBLE YELLOW SOLID LINE / 4" WIDE EACH
SYDL/4" SINGLE YELLOW DASHED LINE / 4" WIDE

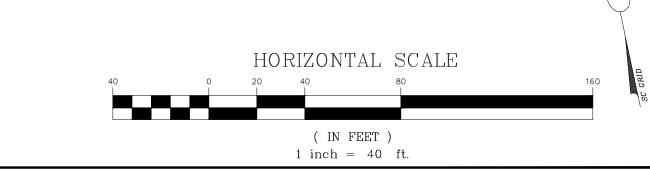
SWDL/4" SINGLE WHITE DASHED LINE / 4" WIDE

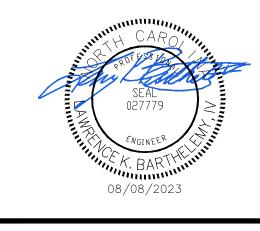
SWSL/4" SINGLE WHITE SOLID LINE / 4" WIDE

25 PARKING SPACES — STRIPE WITH 4" SINGLE WHITE SOLID LINE

NEW TRAFFIC SIGN — INSTALL PER PLAN AND IAW DETAILS A/C621.

----x ---- 6' HIGH CHAIN LINK FENCE - IAW DETAIL A/C622.





ROCKY POINT AUTO AUCTION

ROCKY POINT NORTH CAROLINA



NC COA #C-1572

GREENVILLE, SC 29607

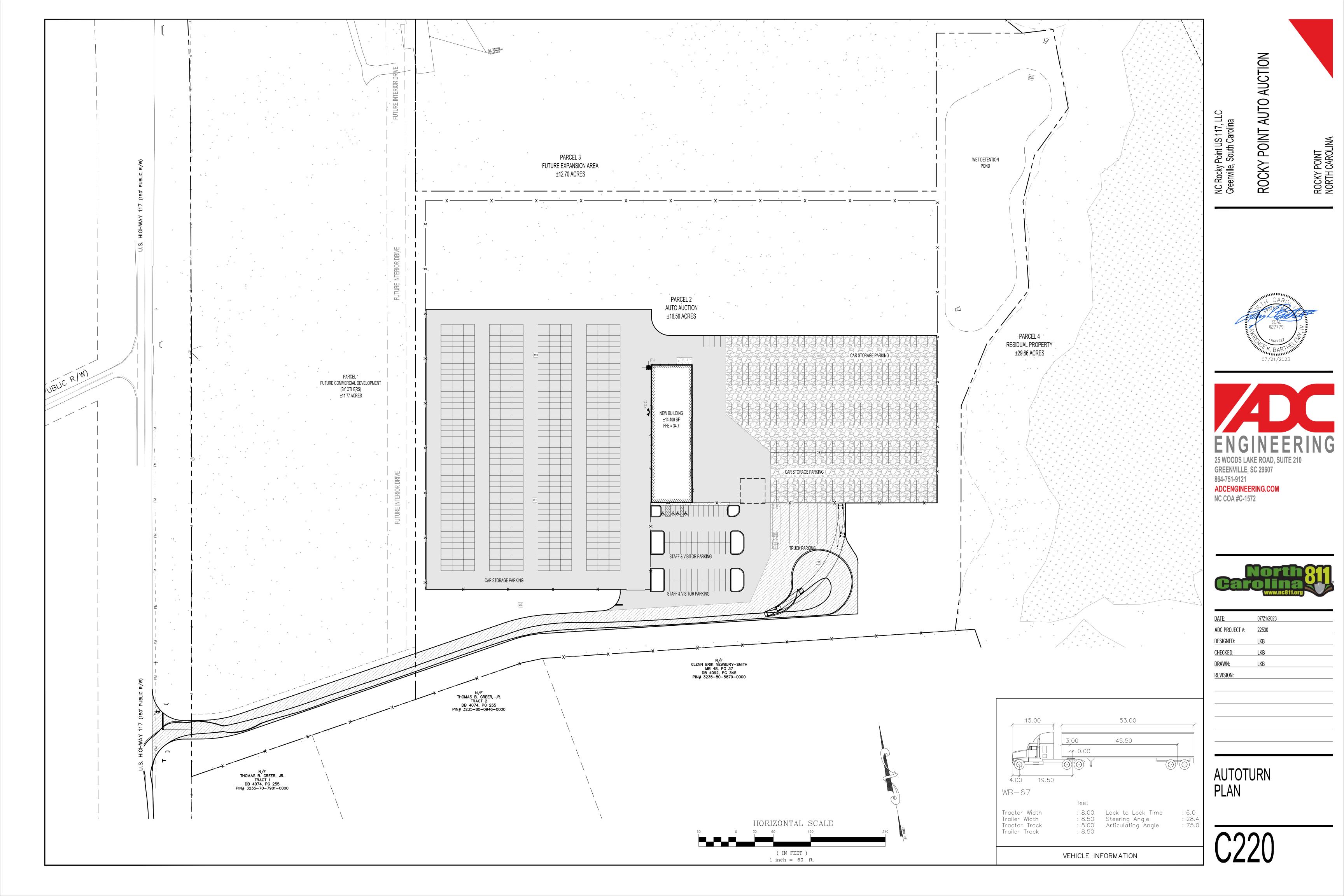
ADCENGINEERING.COM

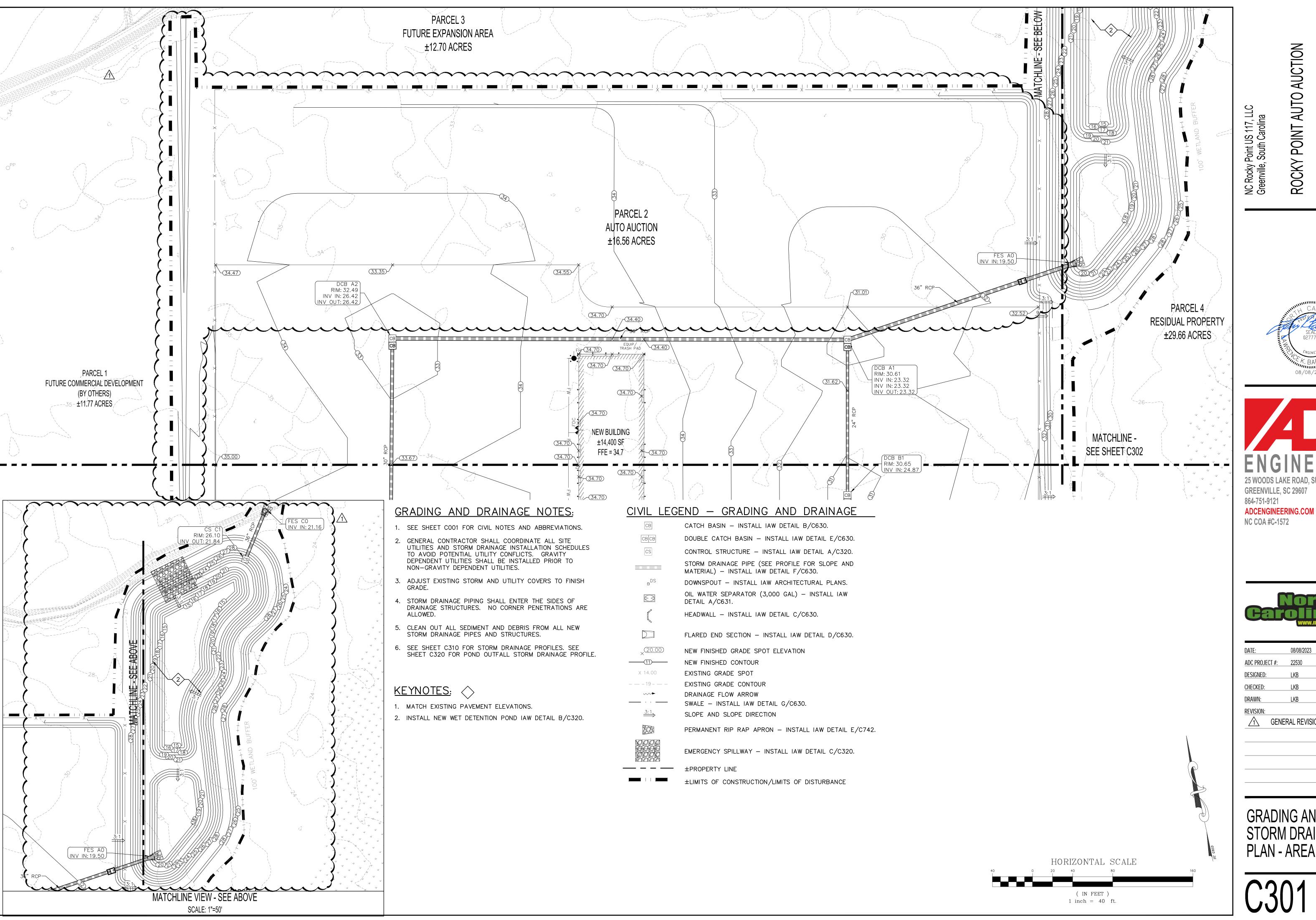
864-751-9121



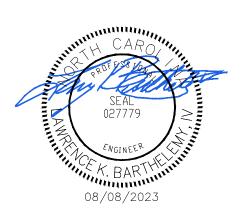
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| DRAWN:         | LKB           |            |
| REVISION:      |               |            |
| <u> GENER</u>  | RAL REVISIONS | 08/08/2023 |
|                |               |            |

SITE PLAN -AREA 2





**ROCKY POINT** 



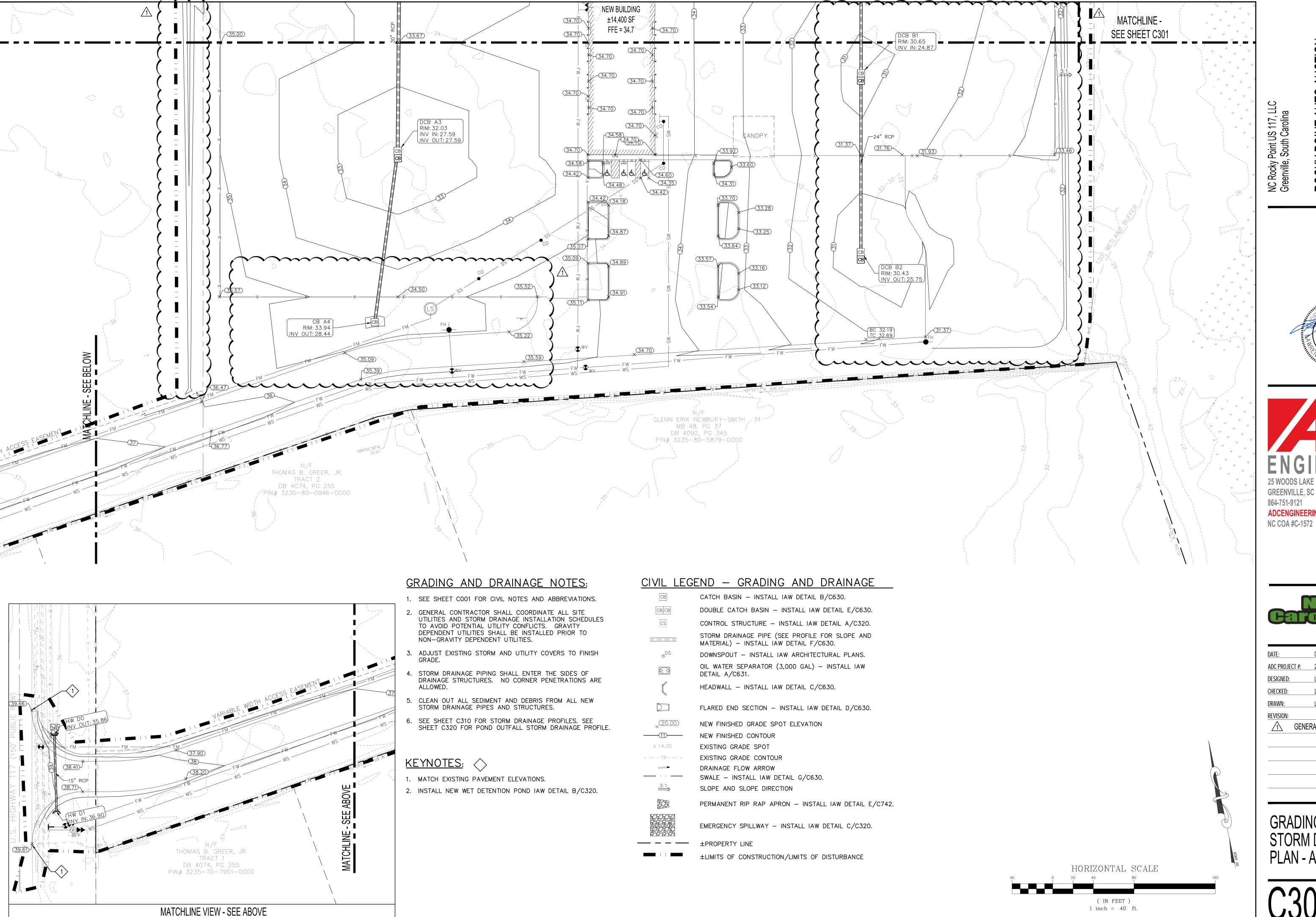
ROCKY POINT NORTH CAROLINA





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| PRAWN:         | LKB             |            |
| REVISION:      |                 |            |
| GEN            | NERAL REVISIONS | 08/08/2023 |
|                |                 |            |

GRADING AND STORM DRAINAGE PLAN - AREA 1



**ROCKY POINT** 



**GREENVILLE, SC 29607** 864-751-9121

ADCENGINEERING.COM



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| ADC PROJECT #: | 22530         |            |
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|                | RAL REVISIONS | 08/08/2023 |
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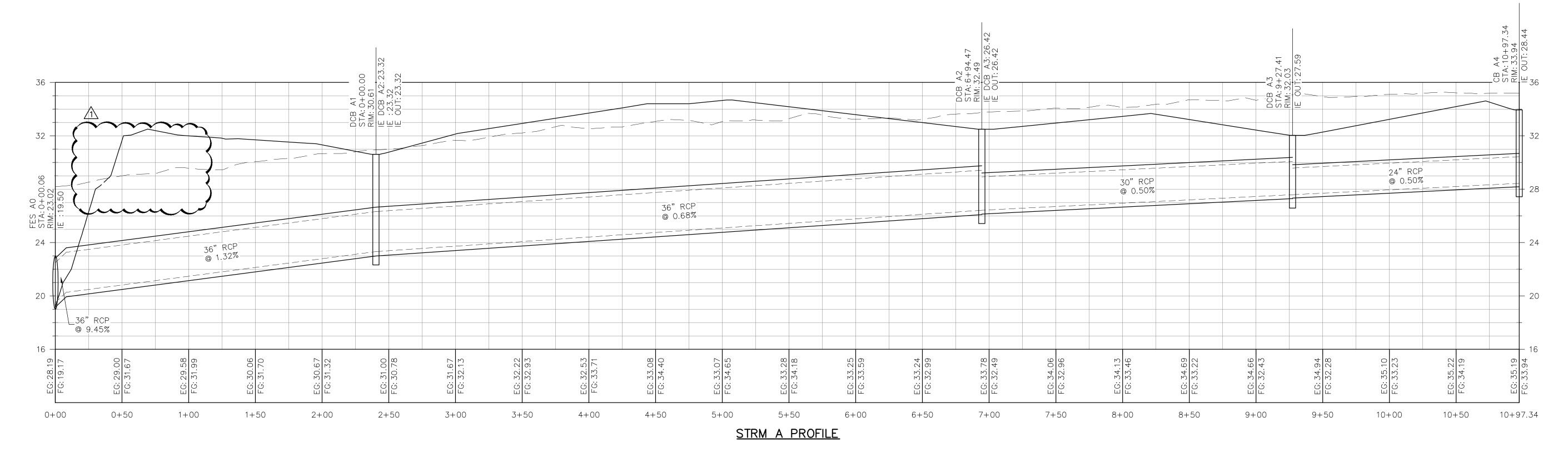
GRADING AND STORM DRAINAGE PLAN - AREA 2

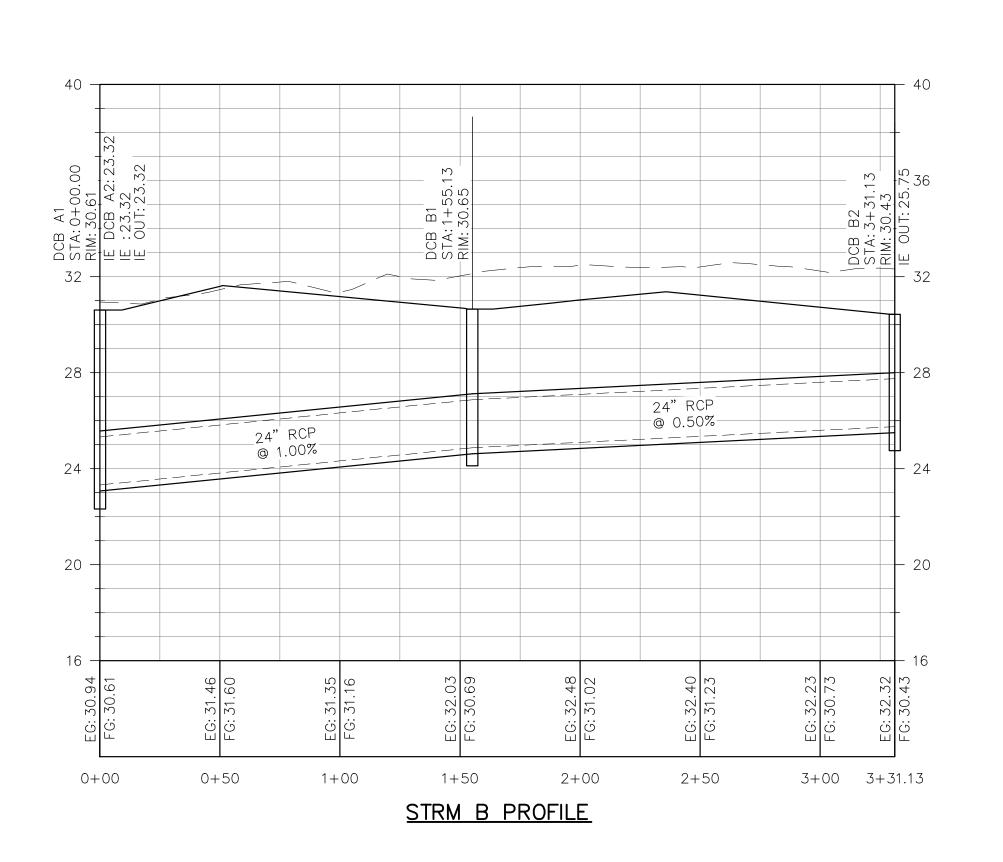
### STORM DRAINAGE PROFILE NOTES:

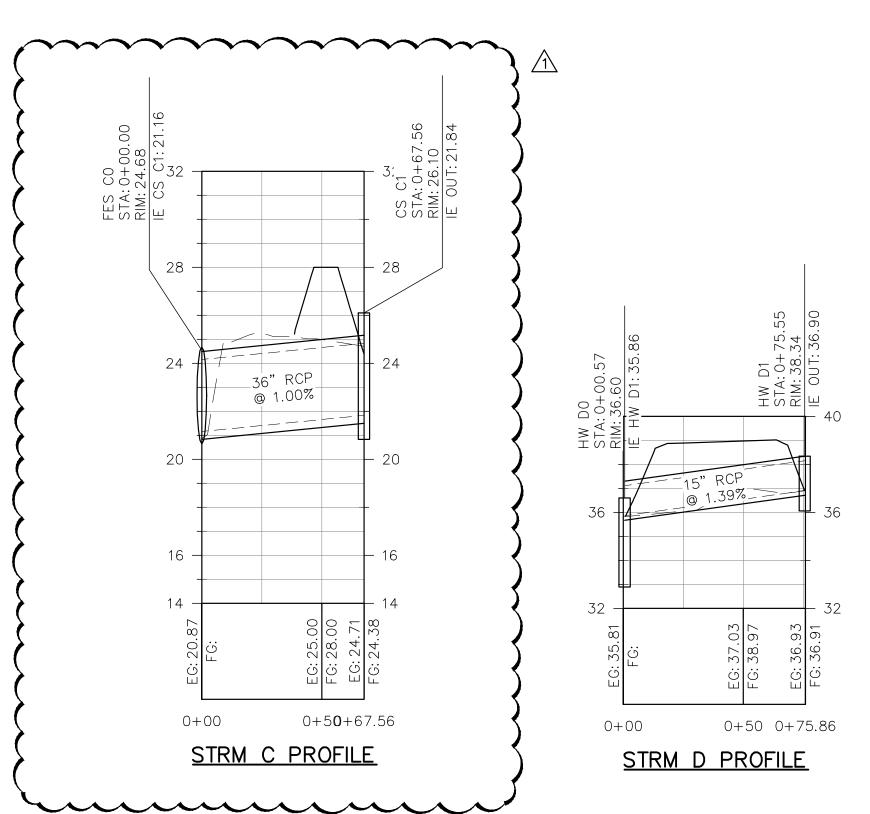
1. SEE SHEET COO1 FOR CIVIL NOTES AND ABBREVIATIONS.

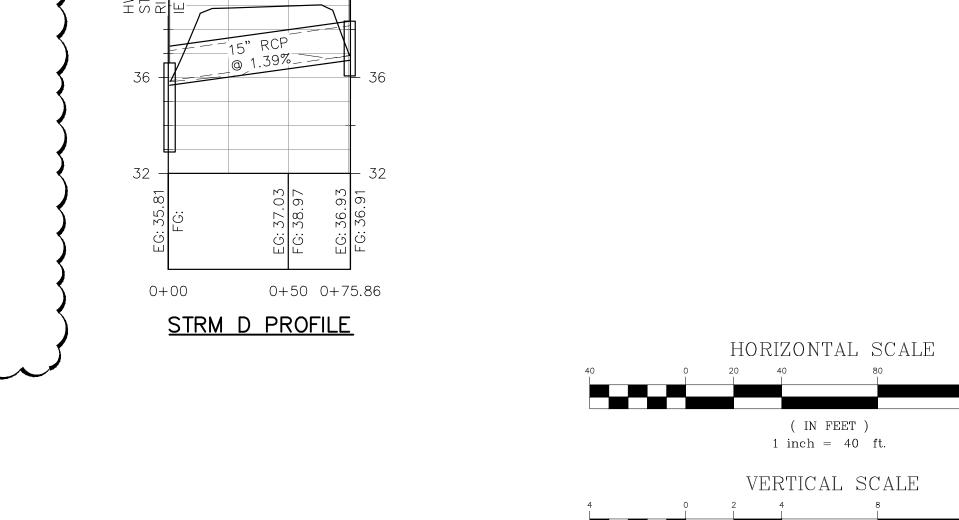
### DRAINAGE PROFILE LEGEND:

EXISTING GRADE — — — — FINISHED GRADE









ROCKY POINT AUTO AUCTION

ROCKY POINT NORTH CAROLINA

NC Rocky Point US 117, LLC Greenville, South Carolina





NC COA #C-1572

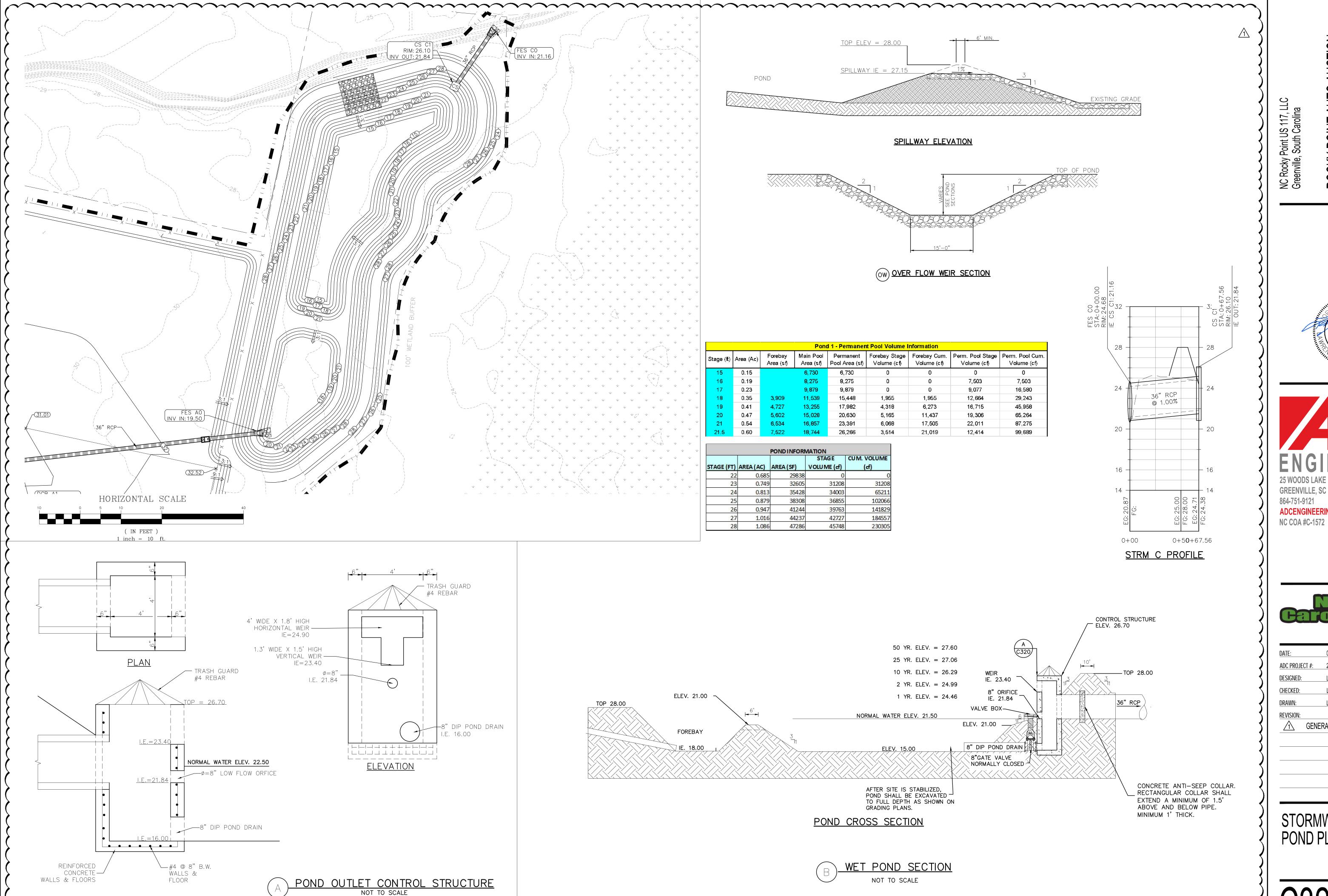


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| REVISION:      |               |            |
| <u> </u>       | RAL REVISIONS | 08/08/2023 |
|                |               |            |
|                |               |            |

STORM DRAINAGE PROFILES

C310

( IN FEET ) 1 inch = 4 ft.



<u>SECTION</u>

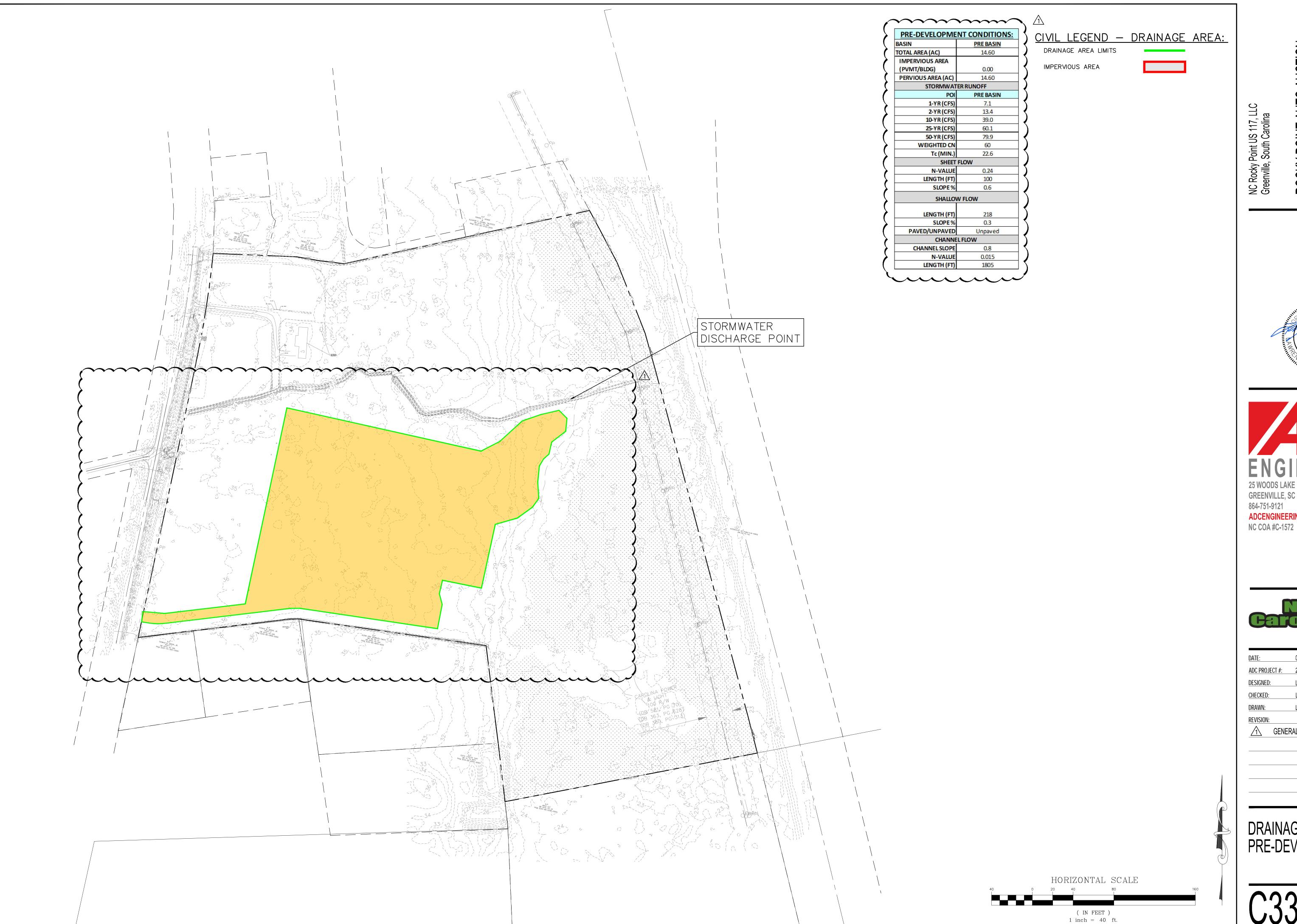
**ROCKY POINT** 





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| RAWN:       | LKB               |            |
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| $\triangle$ | GENERAL REVISIONS | 08/08/2023 |
|             |                   |            |

STORMWATER POND PLAN



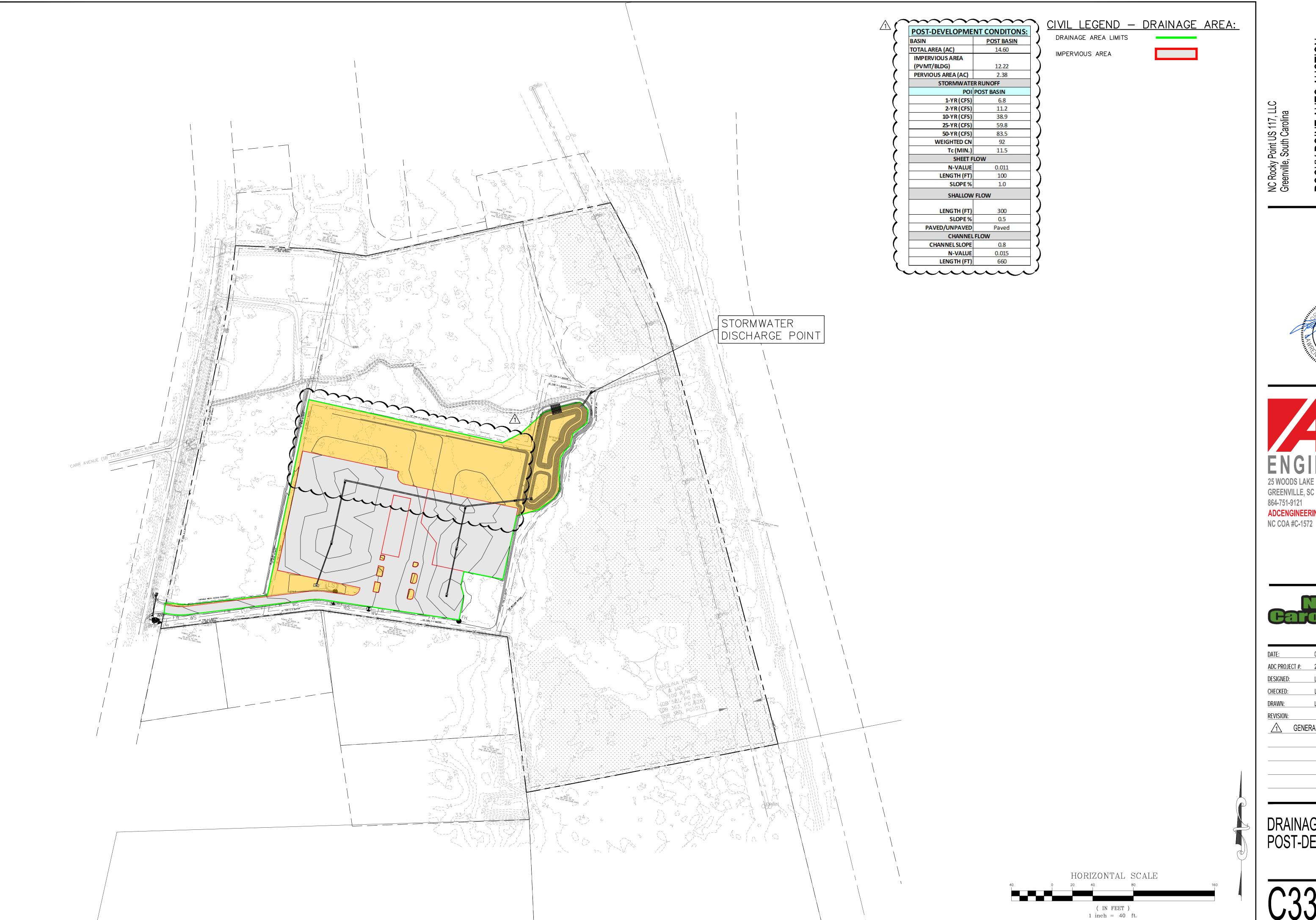
ROCKY POINT NORTH CAROLINA





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|-------|--------------|------------|
|       | 08/08/2023   |            |
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|       | LKB          |            |
|       | LKB          |            |
|       |              |            |
| GENER | AL REVISIONS | 08/08/2023 |
|       |              |            |
|       |              | LKB<br>LKB |

DRAINAGE AREA PLAN -PRE-DEVELOPMENT



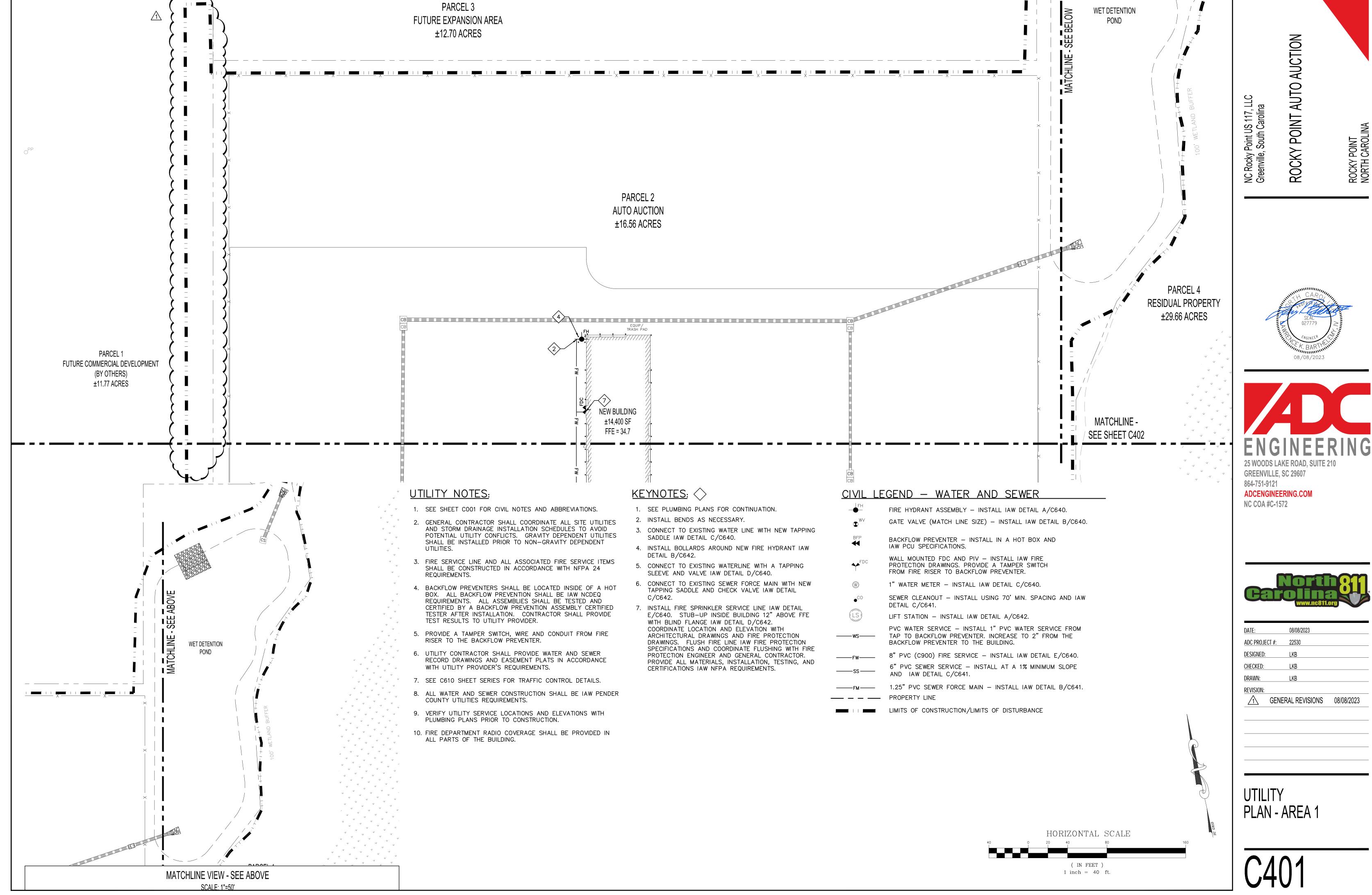
ROCKY POINT NORTH CAROLINA





| DATE:       | 08/08/2023      |                |
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| CHECKED:    | LKB             |                |
| DRAWN:      | LKB             |                |
| REVISION:   |                 |                |
| $\triangle$ | GENERAL REVISIO | ONS 08/08/2023 |
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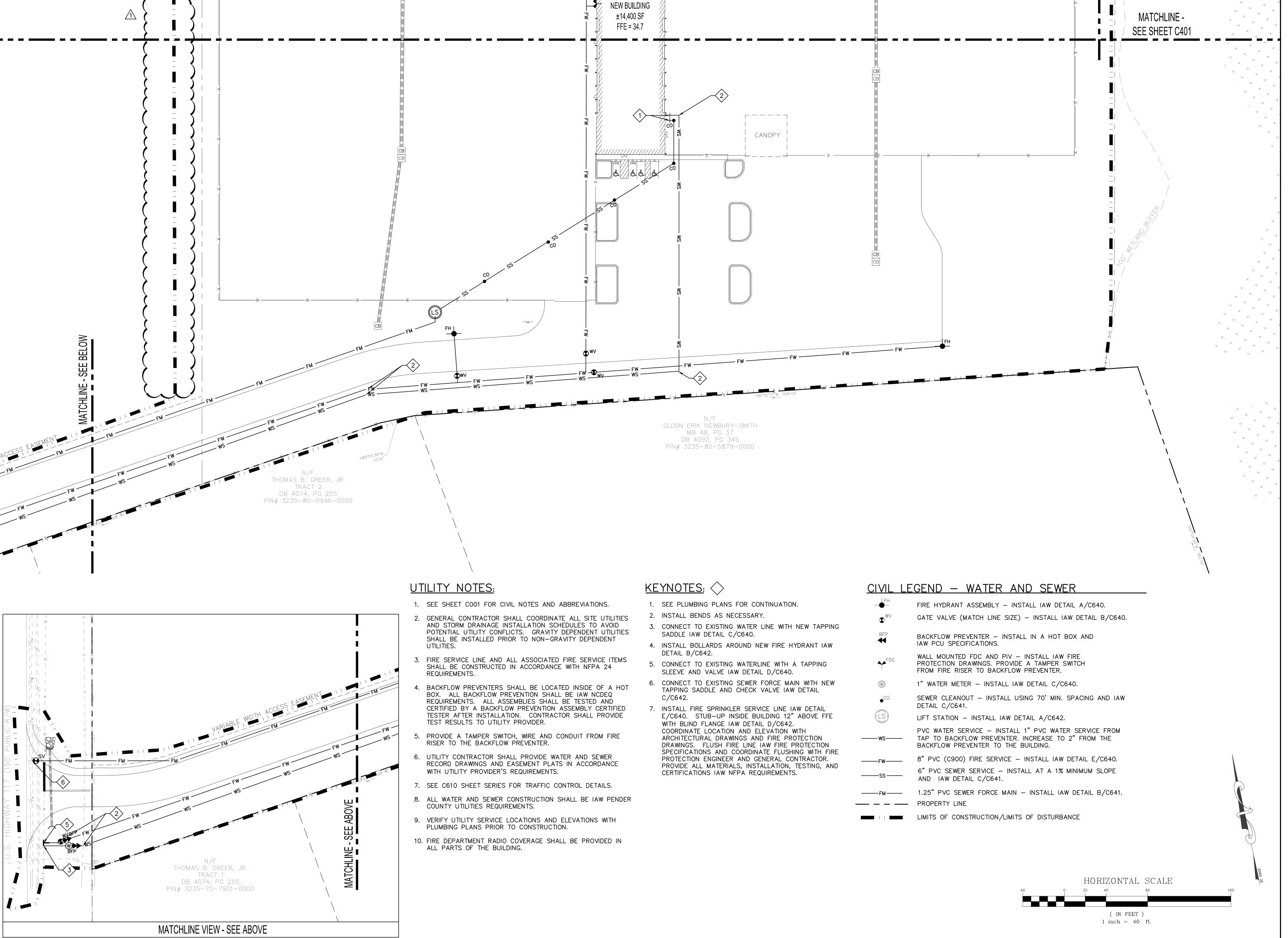
DRAINAGE AREA PLAN-POST-DEVELOPMENT







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| CHECKED:       | LKB           |            |
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Greenville, South Carolina

SEAL 027779

ENGINEER

08/08/2023

ROCKY POINT NORTH CAROLINA



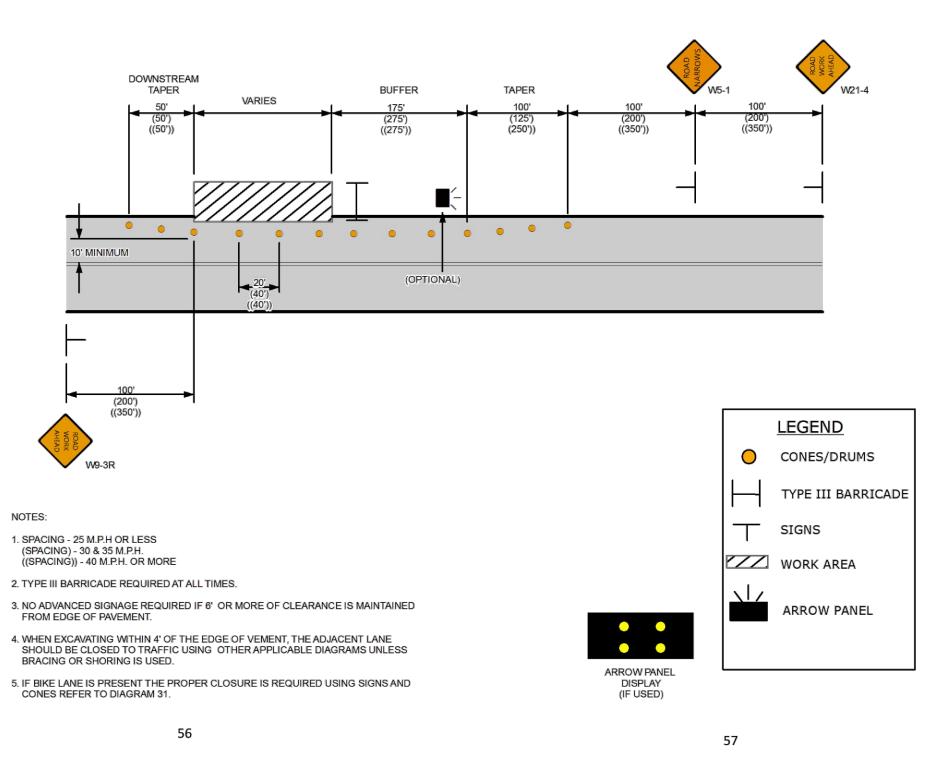
25 WOODS LAKE ROAD, SUITE 210
GREENVILLE, SC 29607
864-751-9121
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ADCENGINEERING.COM NC COA #C-1572



| DATE:          | 08/08/2023     |            |
|----------------|----------------|------------|
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| ^              | ERAL REVISIONS | 08/08/2023 |
|                |                |            |

UTILITY PLAN - AREA 2



**DIAGRAM 6 WORK AREA IN TRAVEL LANE** (MAINTAINING 2-WAY TRAFFIC)

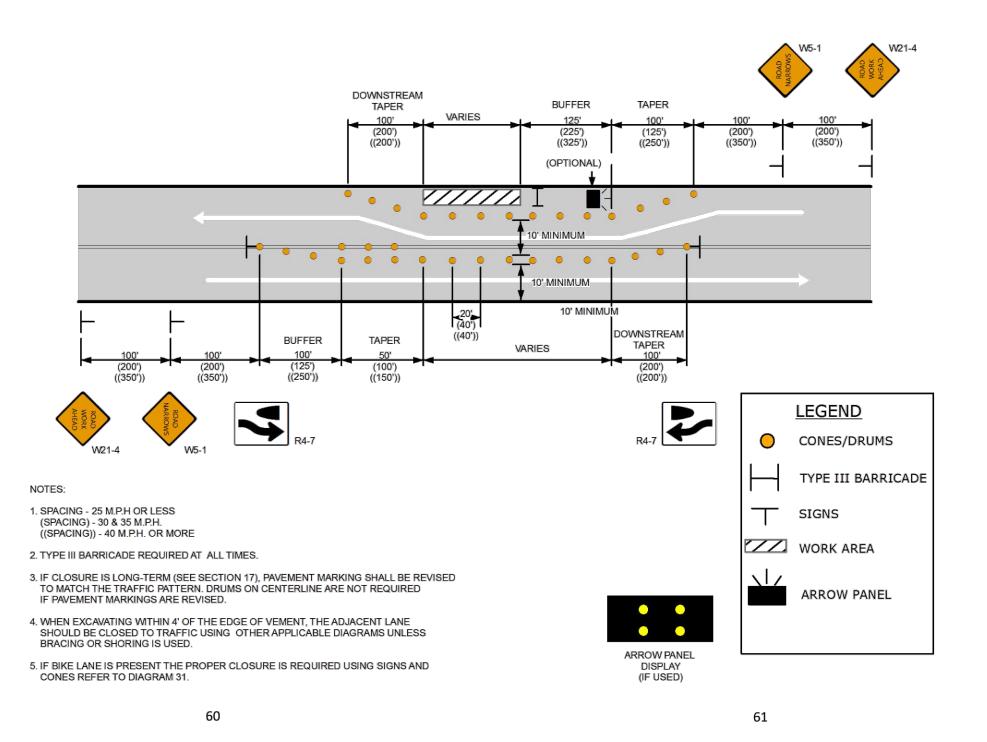
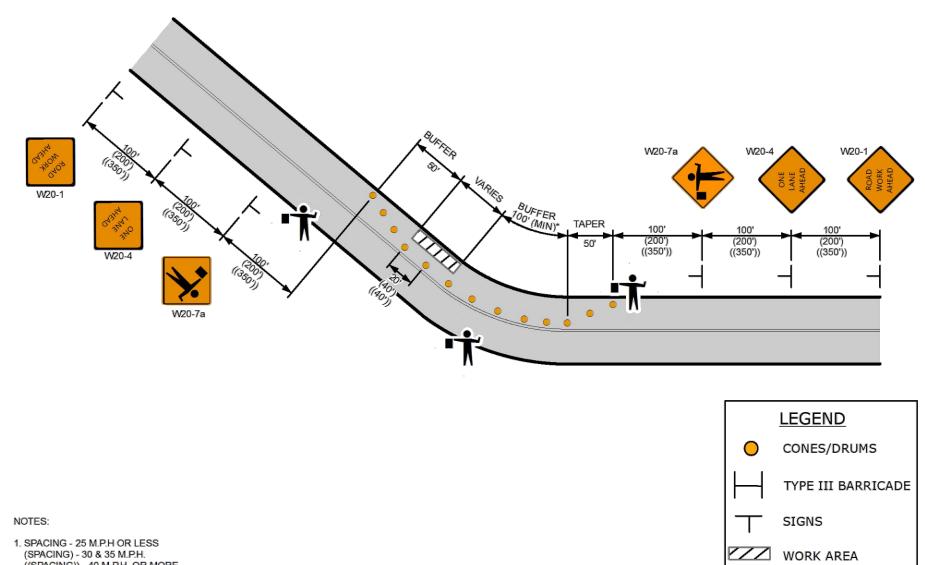


DIAGRAM 9 2 WAY, ONE LANE TRAFFIC (FLAGGER CONTROL)



1. SPACING - 25 M.P.H OR LESS (SPACING) - 30 & 35 M.P.H. ((SPACING)) - 40 M.P.H. OR MORE

- 2. \*BUFFER SHALL EXTEND BACK TO THE BEGINNING OF THE CURVE OR HILL TO PROVIDE ADEQUATE SIGHT DISTANCE FOR THE APPROACHING TRAFFIC.
- 3. ON LOW VOLUME, RESIDENTIAL STREETS WHERE THERE IS ADEQUATE VISIBILITY,
- A SINGLE FLAGGER POSITIONED AS SHOWN MAY BE ACCEPTABLE. 4. IF WORK IS WITHIN 50' OF AN INTERSECTION SEE DIAGRAM 10 OR 11.
- 5. IF BIKE LANE IS PRESENT THE PROPER CLOSURE IS REQUIRED USING SIGNS AND CONES REFER TO DIAGRAM 31.

**■** FLAGGER

ROCKY POINT AUTO AUCTION

ROCKY POINT NORTH CAROLINA





NC COA #C-1572

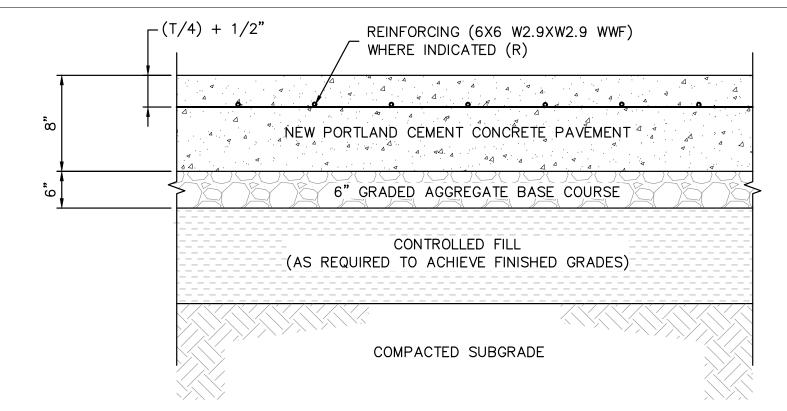


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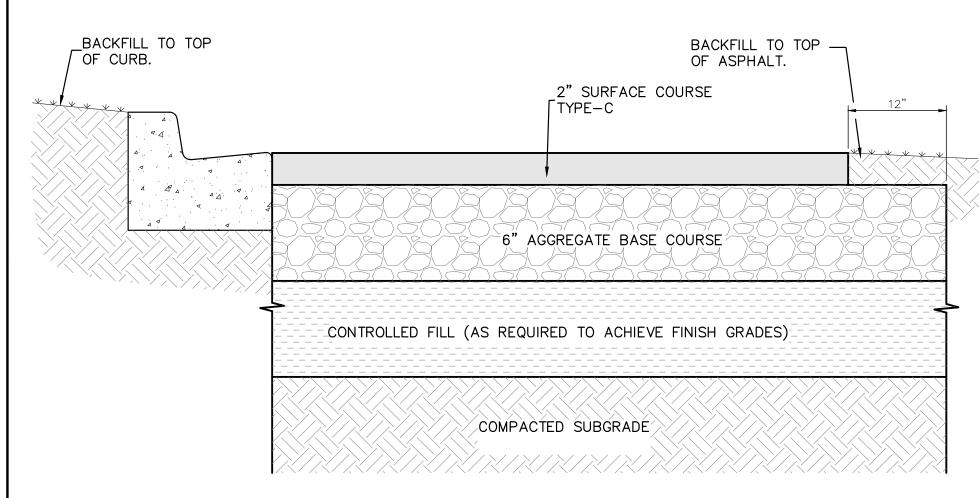
CIVIL DETAILS - TRAFFIC CONTROL

TRAFFIC CONTROL DETAILS

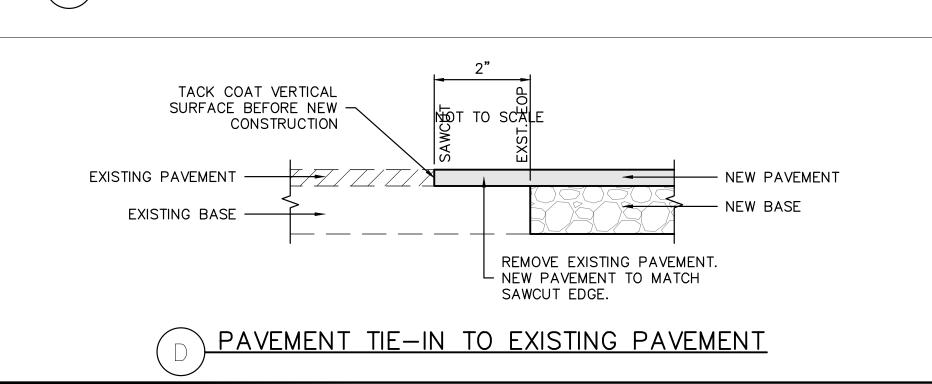
## HEAVY DUTY ASPHALTIC CONCRETE PAVEMENT SECTION NOT TO SCALE

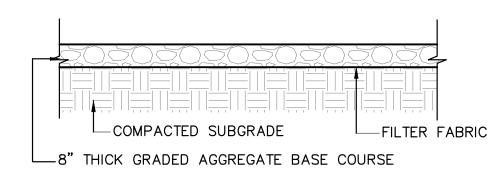


## B TYPICAL PORTLAND CEMENT CONCRETE PAVEMENT SECTION

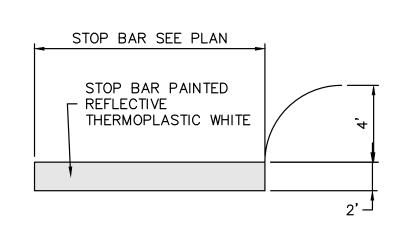


## STANDARD DUTY ASPHALTIC CONCRETE PAVEMENT SECTION

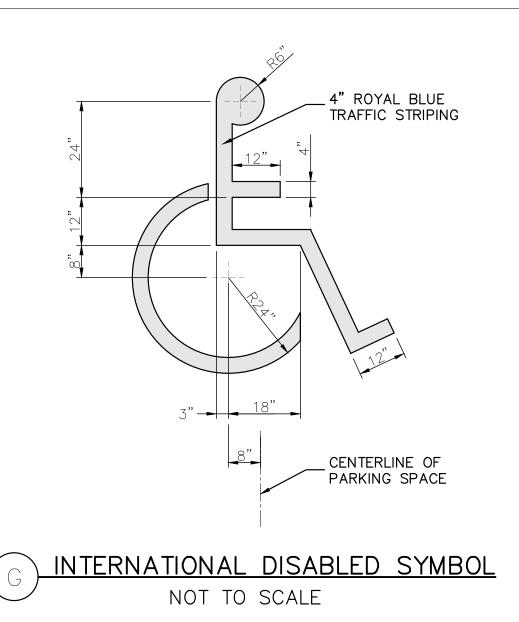


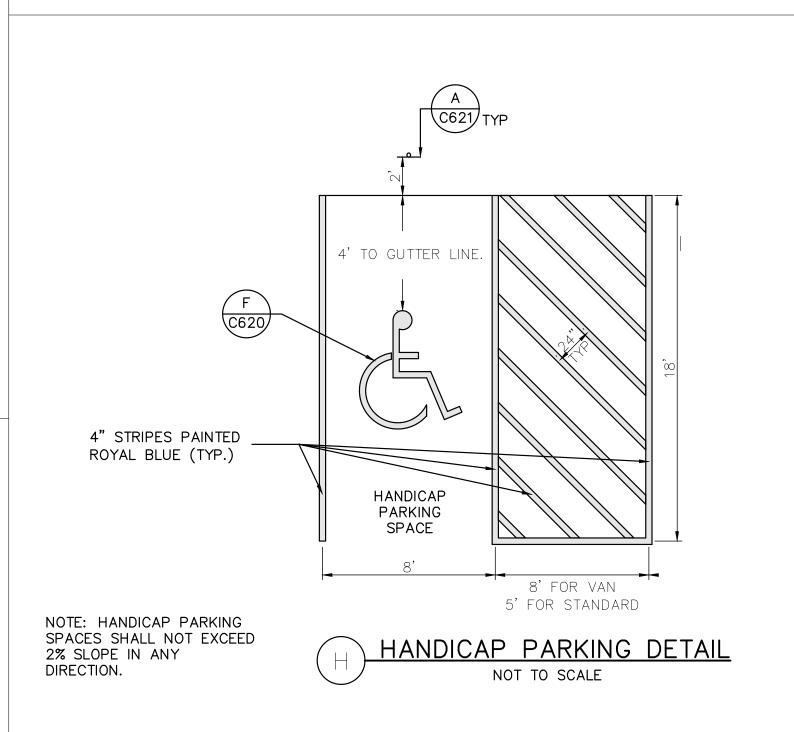


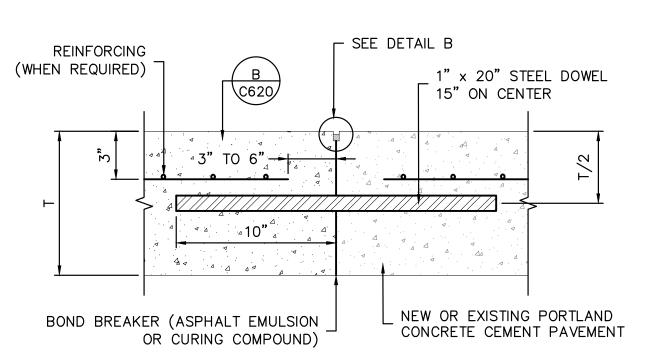
## GRAVEL PAVEMENT



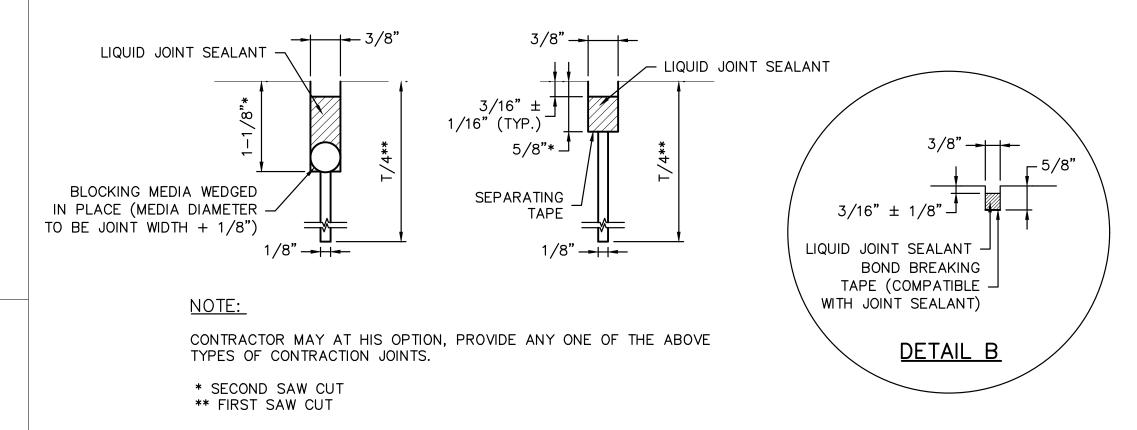
## STOP BAR



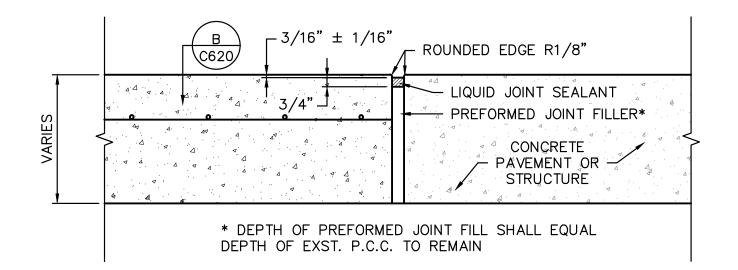




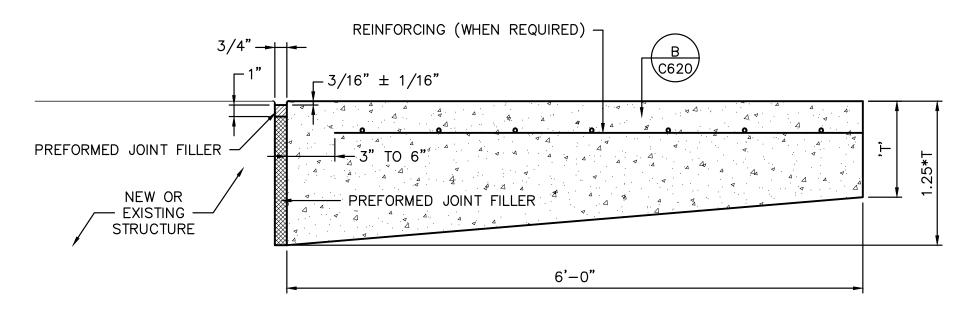
### DOWELLED CONSTRUCTION JOINT (DJ)



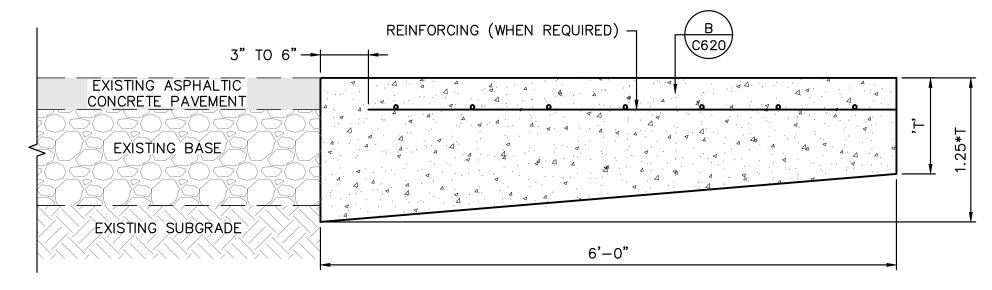
## CONTRACTION JOINTS (CJ) PAVEMENT THICKNESS = T



## EXPANSION JOINT (EJ) PAVEMENT THICKNESS = T

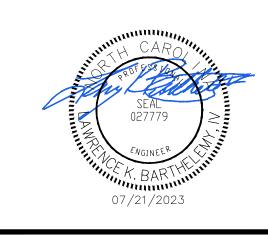


## THICKENED EDGE EXPANSION JOINT (TEEJ) PAVEMENT THICKNESS = T



THICKENED EDGE (TE)
PAVEMENT THICKNESS = T

PAVEMENT JOINTS



ROCKY POINT AUTO AUCTION

ROCKY POINT NORTH CAROLINA

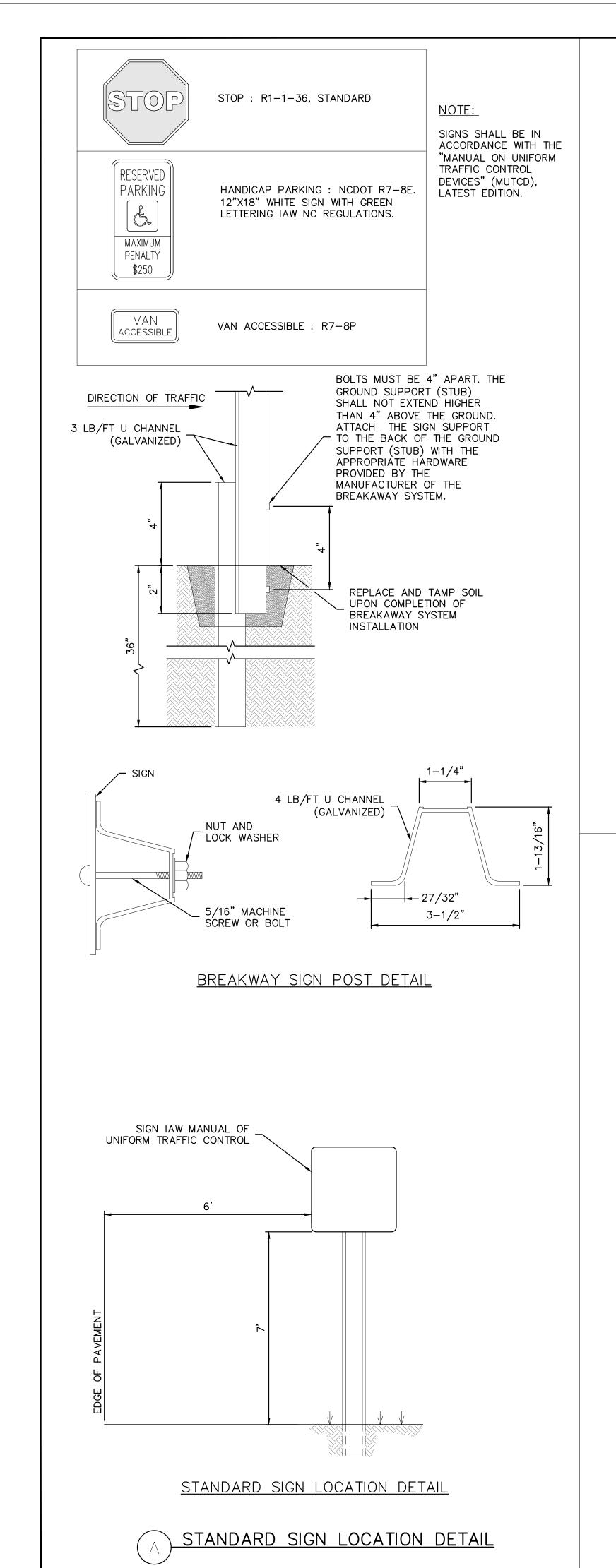
NC Rocky Point US 117, LLC Greenville, South Carolina

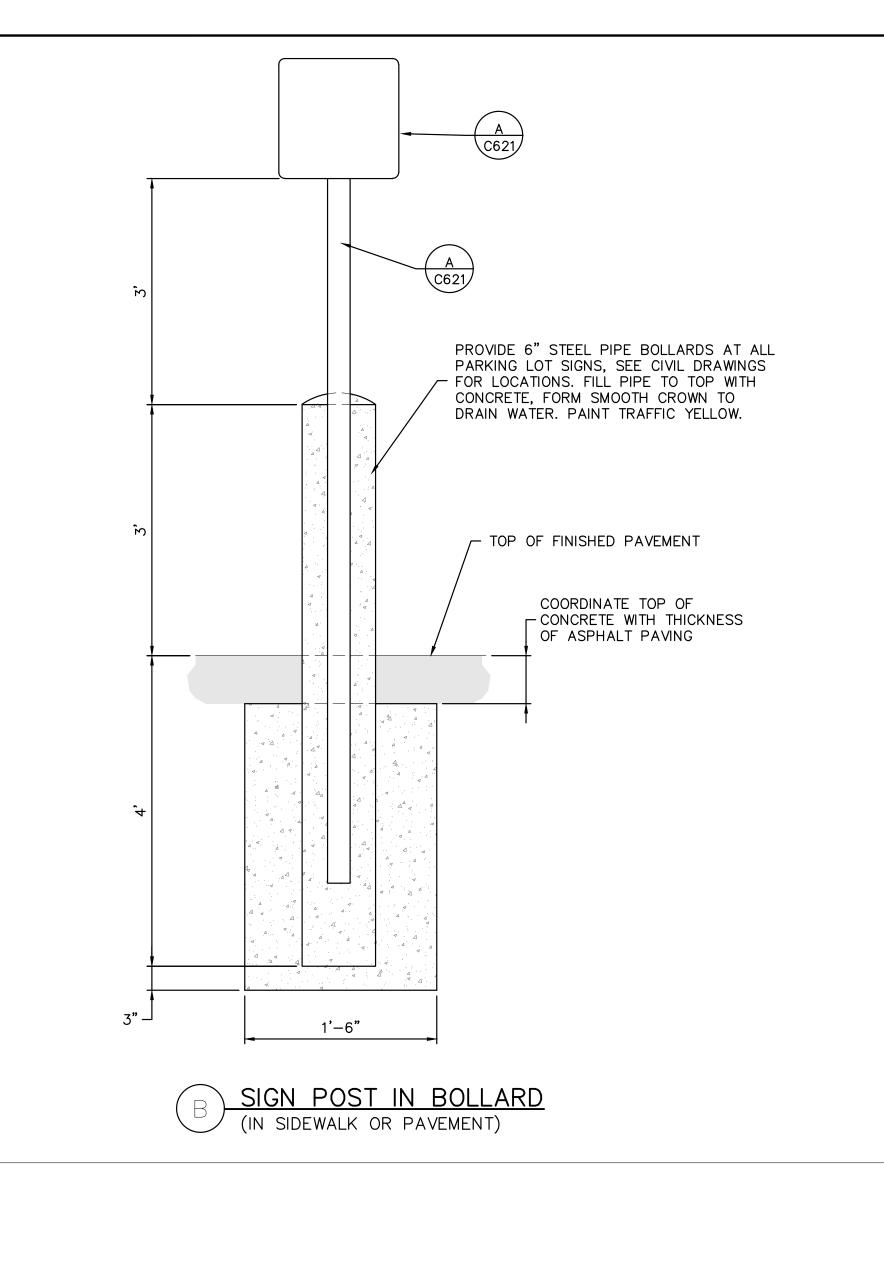


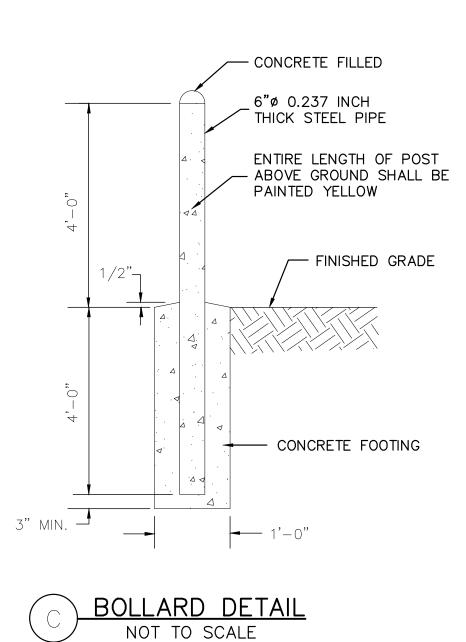


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CIVIL DETAILS
- PAVEMENT









25 WOODS LAKE ROAD, SUITE 210

GREENVILLE, SC 29607

ADCENGINEERING.COM

864-751-9121

NC COA #C-1572

07/21/2023

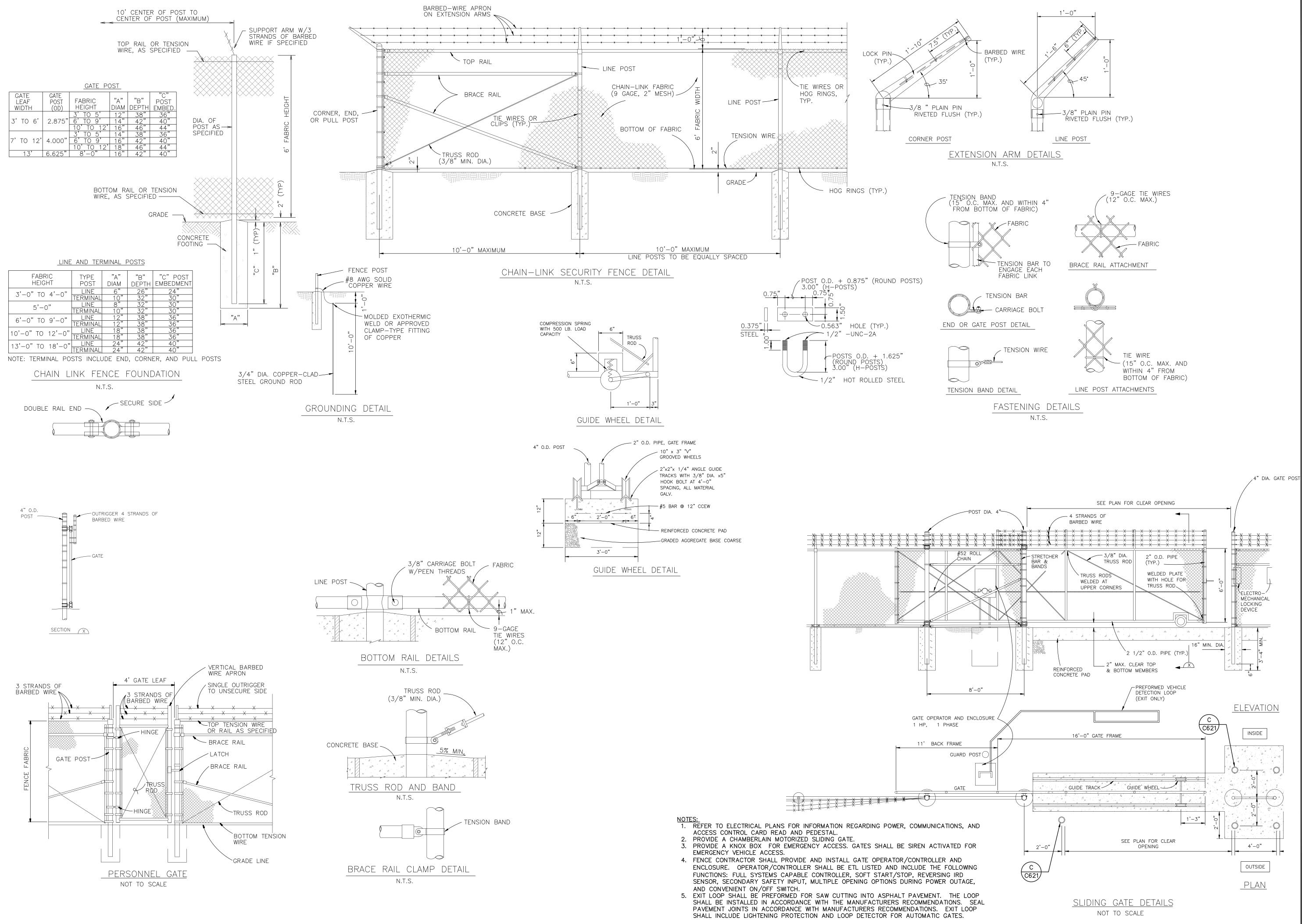
ROCKY POINT AUTO AUCTION

ROCKY POINT NORTH CAROLINA

NC Rocky Point US 117, LLC Greenville, South Carolina

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| LKB        |
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CIVIL DETAILS
- SIGNAGE



FENCE DETAILS

Greenville, South Carolina
ROCKY POINT AUTO AUCTION

NC Rocky Point US 117, LLC Greenville, South Carolina



ROCKY POINT NORTH CAROLINA

ENGINEERING
25 WOODS LAKE ROAD, SUITE 210
GREENVILLE, SC 29607
864-751-9121

ADCENGINEERING.COM NC COA #C-1572



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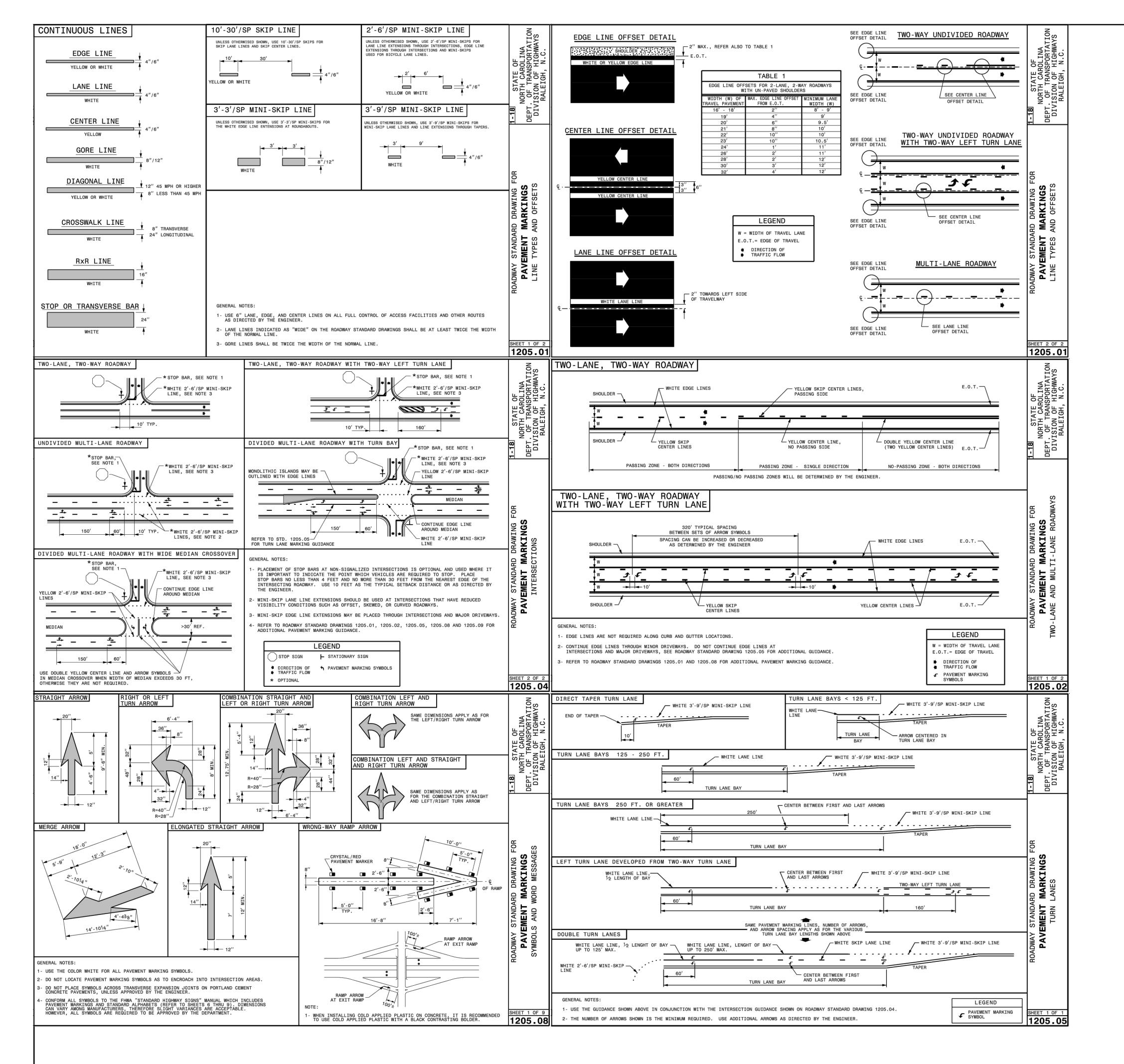
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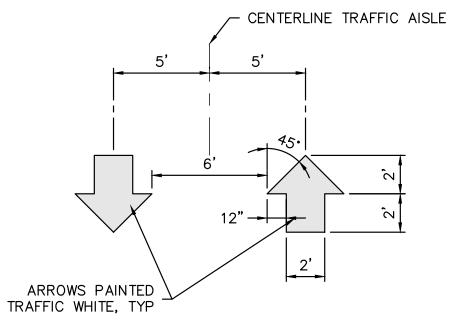
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CIVIL DETAILS - FENCING





R INTERIOR ARROW DETAIL

2'

SEAL 027779

ENGINEER

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ROCKY POINT AUTO

ROCKY POINT NORTH CAROLINA





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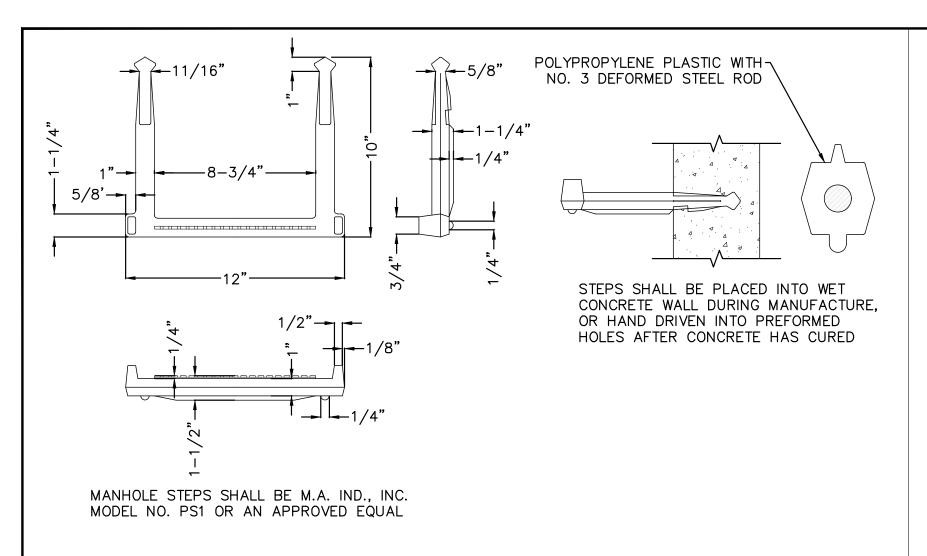
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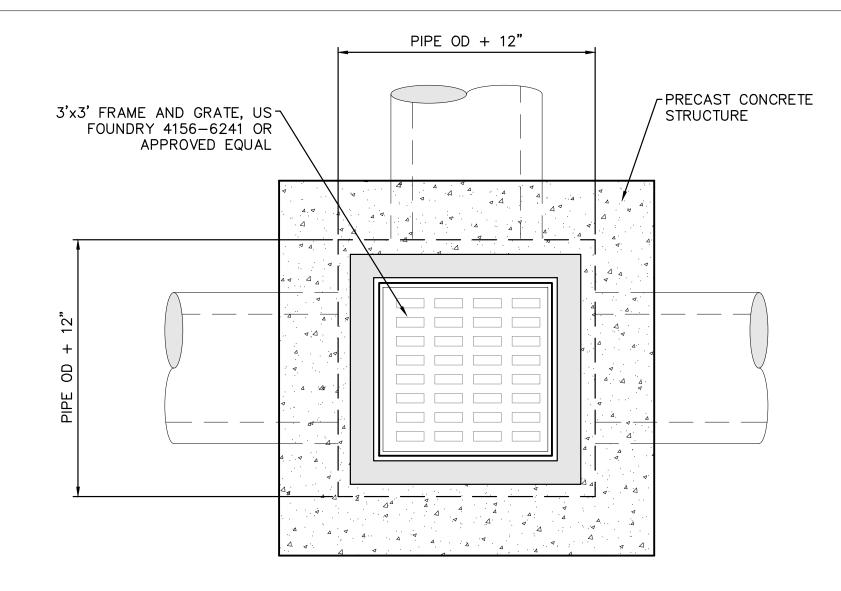
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CIVIL DETAILS
- STRIPING

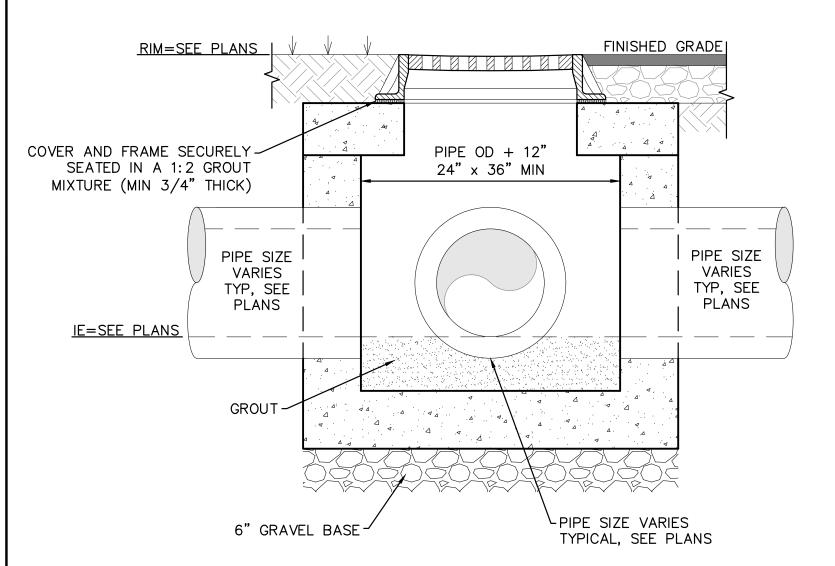




## MANHOLE STEP



### PLAN VIEW - CATCH BASIN WITH SLAB TOP FINISHED GRADE, PAVING, OR TURF NOT SHOWN THIS VIEW



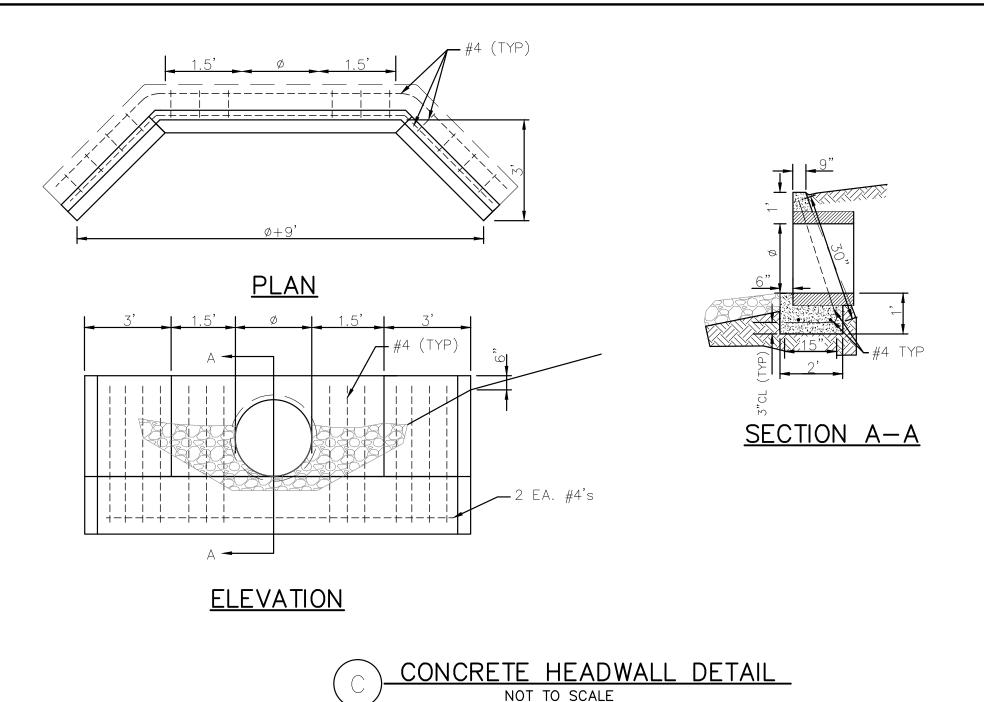
### SECTION VIEW CATCH BASIN WITH SLAB TOP

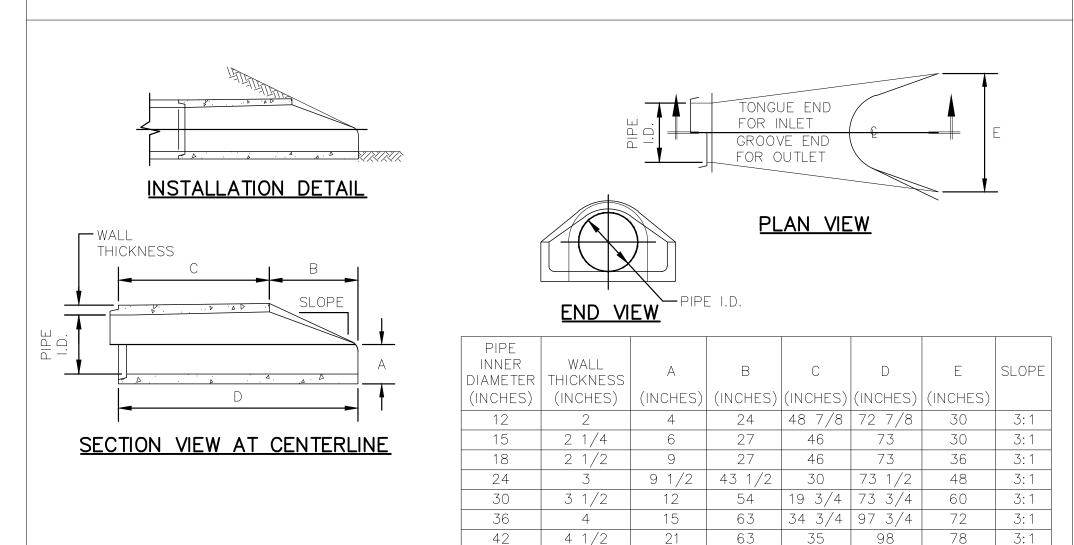
- 1. CONSTRUCTION OF THE CATCH BASIN WALLS SHALL BE PRECAST CONCRETE. PRECAST WALLS SHALL BE DESIGNED BY MANUFACTURER FOR SOIL LOADING AND HS-20 TRAFFIC LOADING. 2. INSTALL STEPS IN STRUCTURES GREATER THAN 4' DEEP IAW DETAIL A/C630. STEPS SHALL BE
- PLACED INLINE WITH LID/GRATE. 3. TOP SLAB SHALL BE PRECAST DESIGNED BY MANUFACTURER FOR HS—20 TRAFFIC LOADING. 4. PRECAST BOTTOM SHALL BE DESIGNED BY MANUFACTURER HS—20 LOADING.

NOTES:

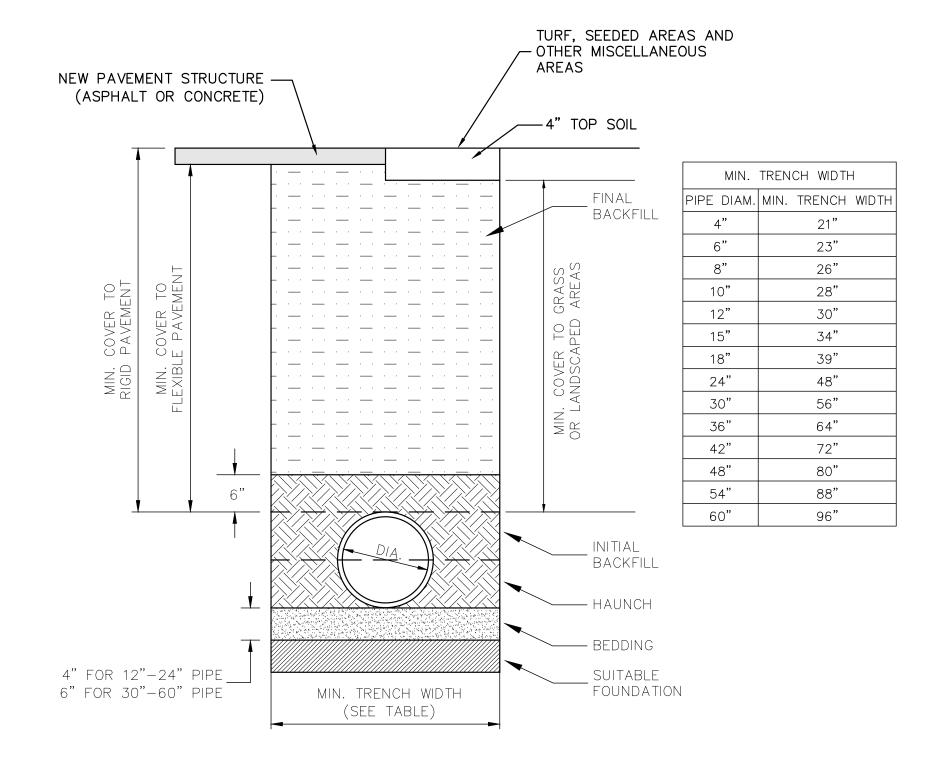
- 5. PIPE ENDS SHALL BE FIELD CUT FLUSH WITH THE INSIDE OF THE STRUCTURE.
- 6. PIPES SHALL CONNECT TO THE ENDS OR SIDES OF THE STRUCTURE. CONNECTION SHALL NOT BE MADE AT CORNERS OF STRUCTURE.







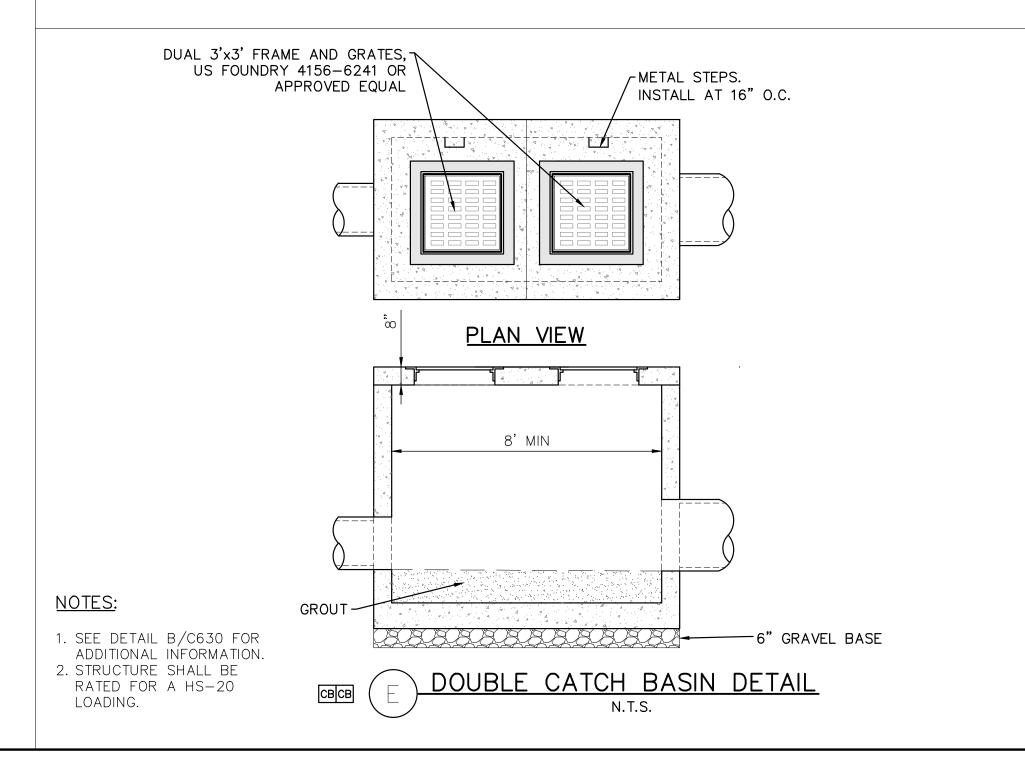
24 72 26 98 84 3:1 DIMENSIONS MAY VARY DEPENDING UPON EQUIPMENT AVAILABILITY. PRECAST CONCRETE FLARED END SECTION N.T.S.

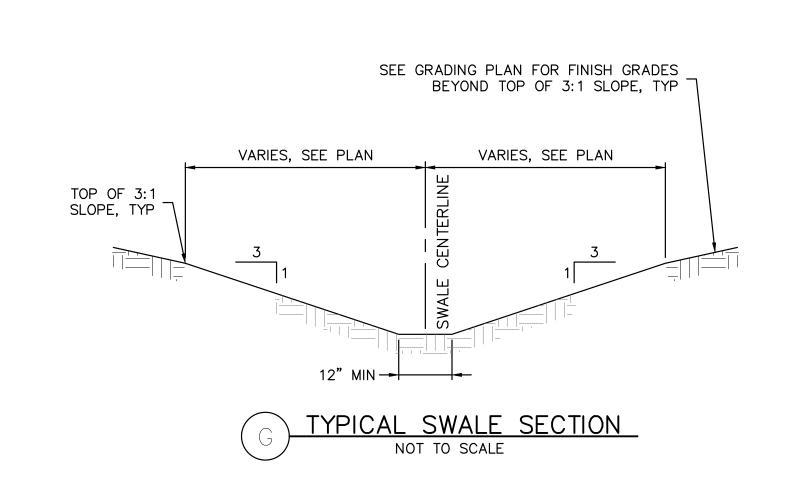


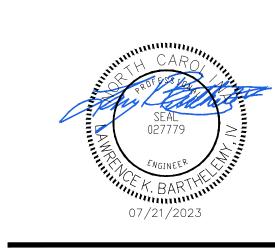
1. ALL PIPE SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D2321.

- 2. MEASURES SHOULD BE TAKEN TO PREVENT MIGRATION OF NATIVE FINES INTO BACKFILL MATERIAL, WHEN REQUIRED.
- 3. <u>Foundation:</u> where the trench bottom is unstable, the contractor shall excavate to a depth required by the engineer and replace with suitable material as specified by the engineer. As an alternative and at the DISCRETION OF THE DESIGN ENGINEER, THE TRENCH BOTTOM MAY BE STABILIZED USING A GEOTEXTILE MATERIAL.
- 4. INITIAL BACKFILL: SUITABLE MATERIAL SHALL BE CLASS I, II OR III. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. UNLESS OTHERWISE NOTED BY THE ENGINEER, MINIMUM BEDDING THICKNESS SHALL BE 4" FOR 4"-24"; 6" FOR 30"-60".
- 5. INITIAL BACKFILL: SUITABLE MATERIAL SHALL BE CLASS I, II, OR III IN THE PIPE ZONE EXTENDING NOT LESS THAN 6" ABOVE CROWN OF PIPE. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. MATERIAL SHALL BE INSTALLED AS REQUIRED IN ASTM 23321.
- 6. MINIMUM COVER: MINIMUM COVER, IN NON-TRAFFIC APPLICATION (GRASS OR LANDSCAPE AREAS) IS 12" FROM THE TOP OF PIPE TO GROUND SURFACE. ADDITIONAL COVER MAY BE REQUIRED TO PREVENT FLOTATION. FOR TRAFFIC APPLICATIONS, MINIMUM COVER IS 12" UP TO 48" DIAMETER PIPE AND 24" OF COVER FOR 54"-60" DIAMETER PIPE, MEASURED FROM TOP OF PIPE TO BOTTOM OF FLEXIBLE PAVEMENT OR TOP OF RIGID PAVEMENT.









ROCKY POINT AUTO AUCTION

ROCKY POINT NORTH CAROLINA

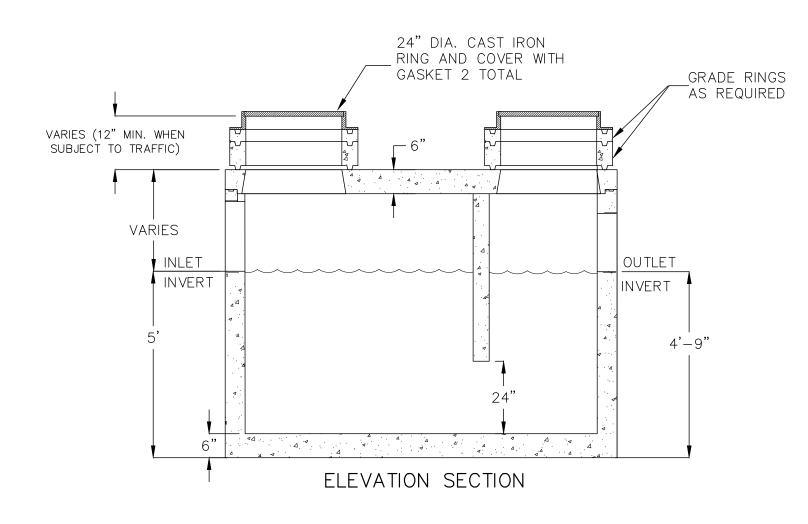


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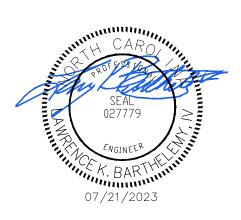
CIVIL DETAILS - STORM DRAINAGE



- NOTES: 1. OPERATING CAPACITY: 3,000 GALLONS.
- 2. DESIGN LOAD: H-20 TRAFFIC WITH DRY SOIL CONDITIONS (WATER LEVEL BELOW TANK) AND 1 TO 6 FEET EARTH COVER.
- 3. BEDDING NOTE: SUITABLE SUB-BASE BEDDED WITH GRANULAR MATERIAL SHALL BE PREPARED TO HANDLE ANTICIPATED LOADS.
- 4. OIL-WATER SEPARATOR SHALL BE CLEANED PER MANUFACTURERS RECOMMENDATIONS.

3,000 GALLON OIL-WATER SEPARATOR

ROCKY POINT AUTO AUCTION



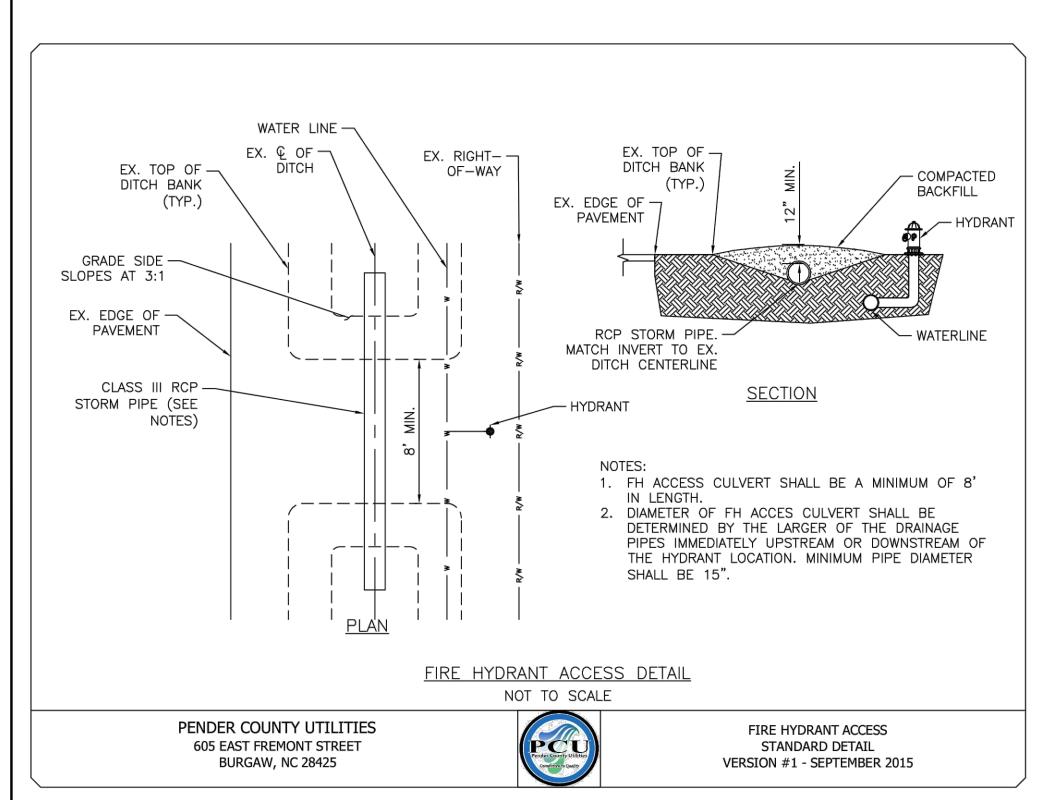
ROCKY POINT NORTH CAROLINA

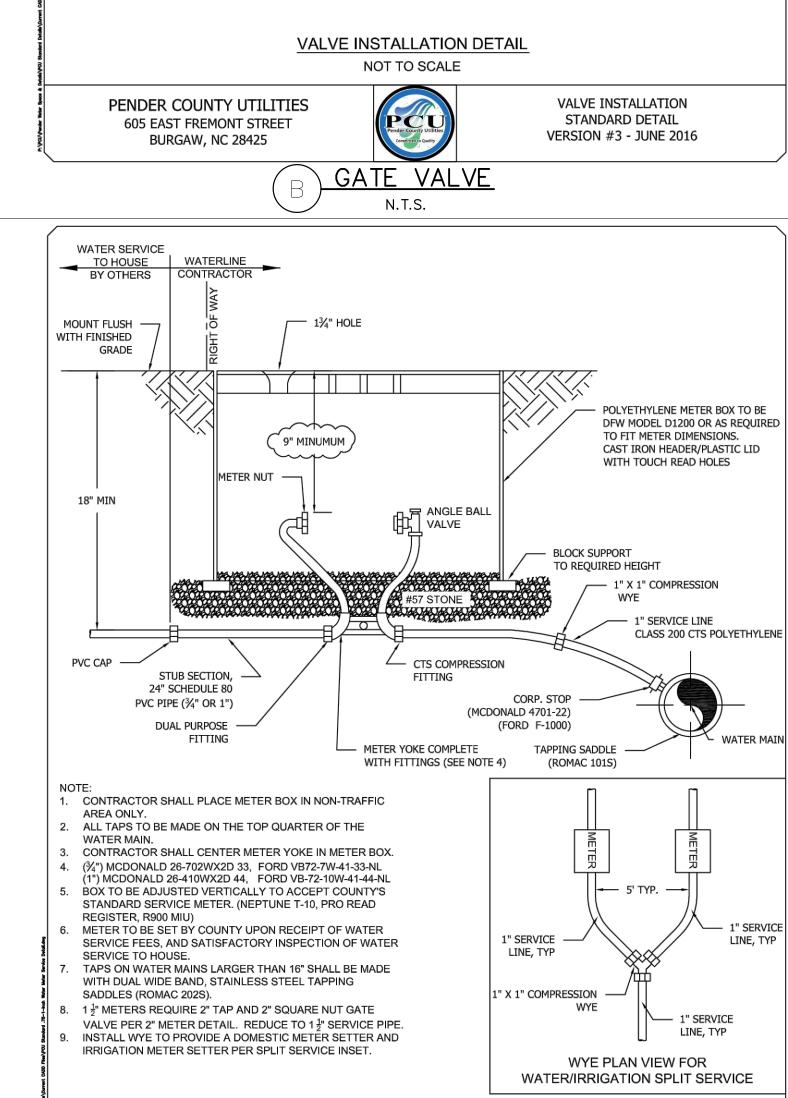


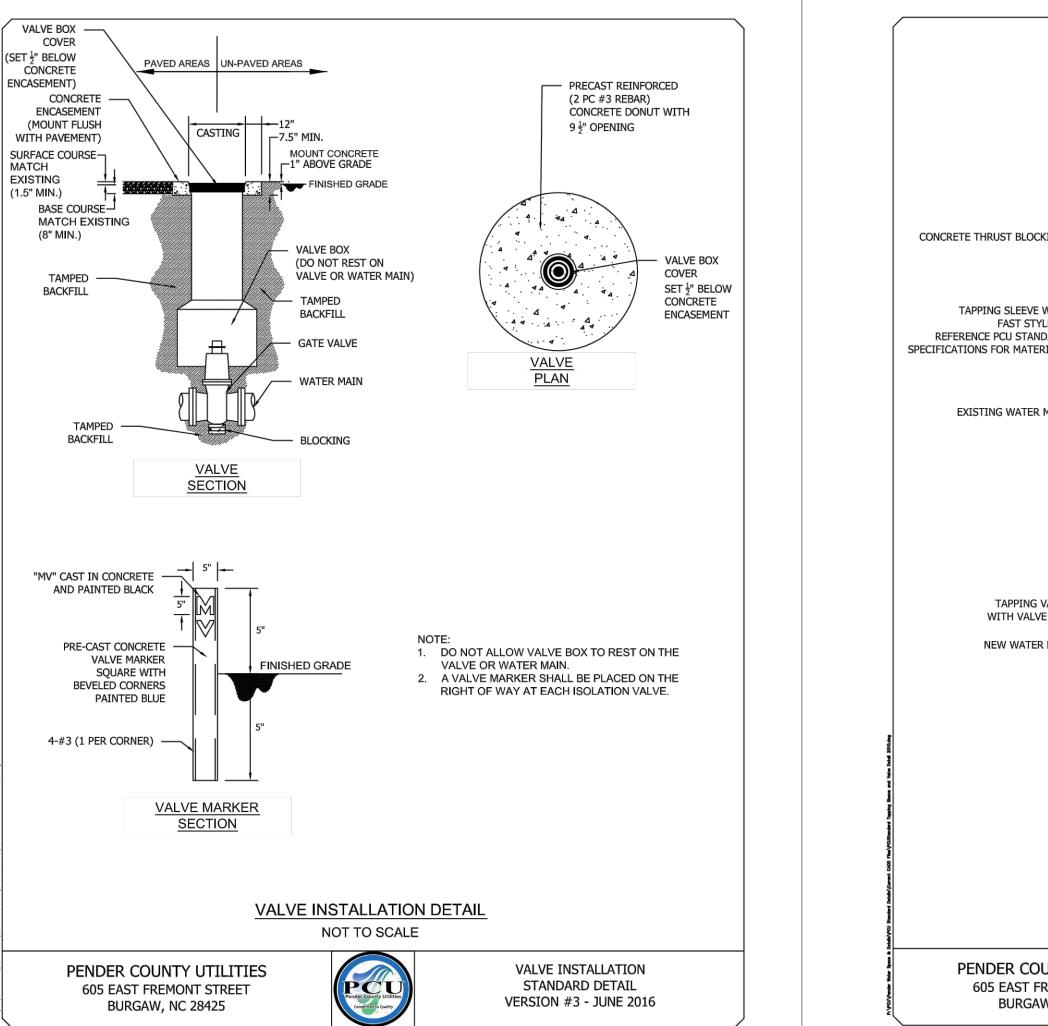


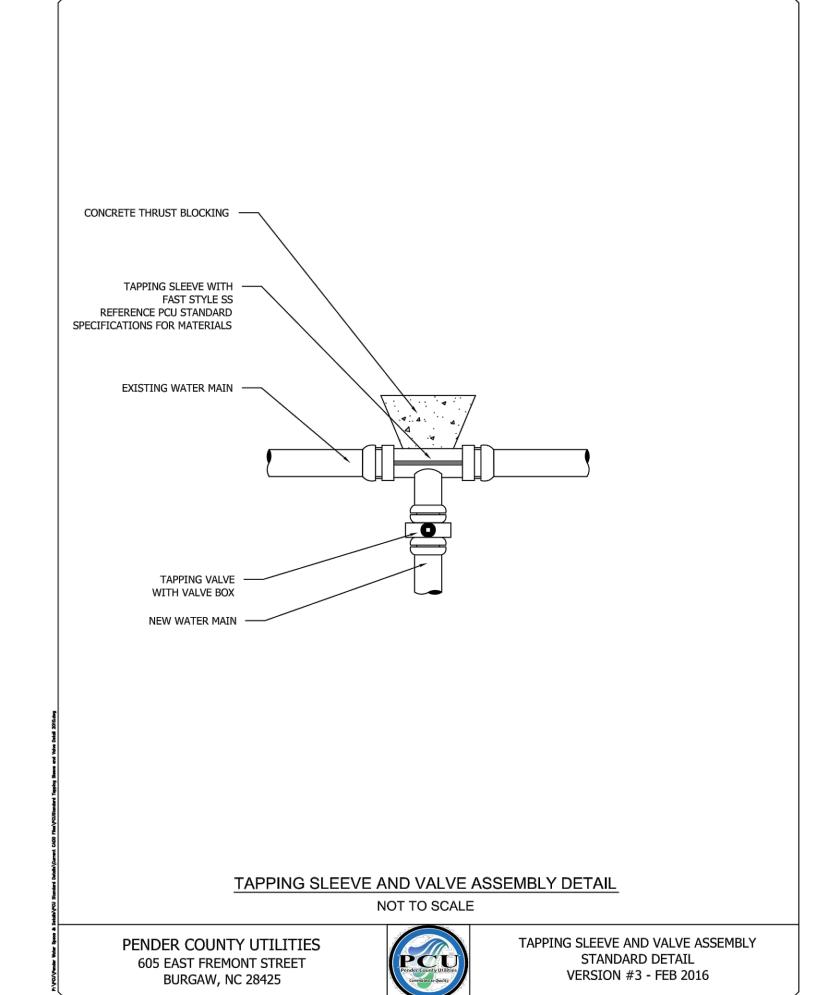
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CIVIL DETAILS - STORM DRAINAGE

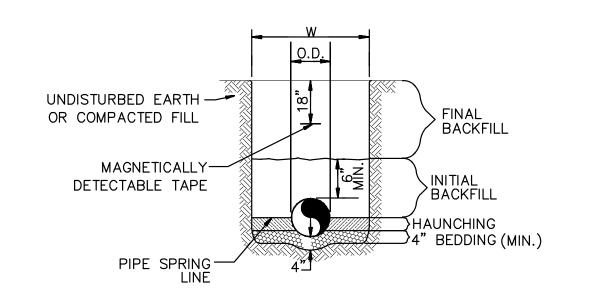








TAPPING SLEEVE & VALVE
N.T.S.



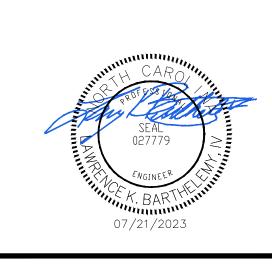
| PIPE DIA. | W                           |
|-----------|-----------------------------|
| ≤12"      | O.D. OF PIPE + (12" TO 18") |
| >12"      | > O.D. OF PIPE + 18"        |

### GENERAL NOTES

- 1. BEDDING SHALL BE CLASS I—A WORKED BY HAND. IF GROUNDWATER IS ANTICIPATED, THEN BEDDING SHALL BE CLASS I—B COMPACTED TO 85% STANDARD PROCTOR.
- 2. HAUNCHING SHALL BE WORKED AROUND THE PIPE BY HAND TO ELIMINATE VOIDS AND SHALL BE CLASS I—A OR CLASS I—B OR CLASS II COMPACTED TO 85% PROCTOR.
- 3. INITIAL BACKFILL SHALL BE CLASS I—A WORKED BY HAND, OR CLASS I—B OR CLASS II COMPACTED TO 85% STANDARD PROCTOR.
- 4. INITIAL BACKFILL NOT UNDER PAVED AREAS CAN BE CLASS III COMPACTED TO 90% STANDARD PROCTOR.
- 5. FINAL BACKFILL SHALL BE CLASS I, II, OR III COMPACTED AS NOTED IN NOTES 3. AND 4.

- 6. FINAL BACKFILL NOT UNDER PAVED AREAS CAN BE CLASS IV—A COMPACTED TO 95% STANDARD PROCTOR.
- 7. ALL MATERIALS ARE CLASSIFIED IN ACCORDANCE WITH ASTM D 2321-89.
- 8. ALL MATERIALS SHALL BE INSTALLED IN MAXIMUM 8" LOOSE LIFTS IN ACCORDANCE WITH ASTM D 698. CLASS III AND IV—A MATERIALS SHALL BE COMPACTED NEAR OPTIMUM MOISTURE CONTENT.
- 9. FILL SALVAGED FROM EXCAVATION SHALL BE FREE OF DEBRIS, ORGANICS AND ROCKS LARGER THAN 3".
- 10. ALL TRENCH EXCAVATIONS SHALL BE SLOPED, SHORED, SHEETED, BRACED, OR OTHERWISE SUPPORTED IN COMPLIANCE WITH OSHA REGULATIONS AND LOCAL ORDINANCES. (SEE SPECIFICATIONS)





AUTO

POINT

ROCKY

ROCKY POINT NORTH CAROLINA



864-751-9121

NC COA #C-1572

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CIVIL DETAILS
- UTILITY

C640

WATER SERVICE
N.T.S.

PENDER COUNTY UTILITIES

605 EAST FREMONT STREET

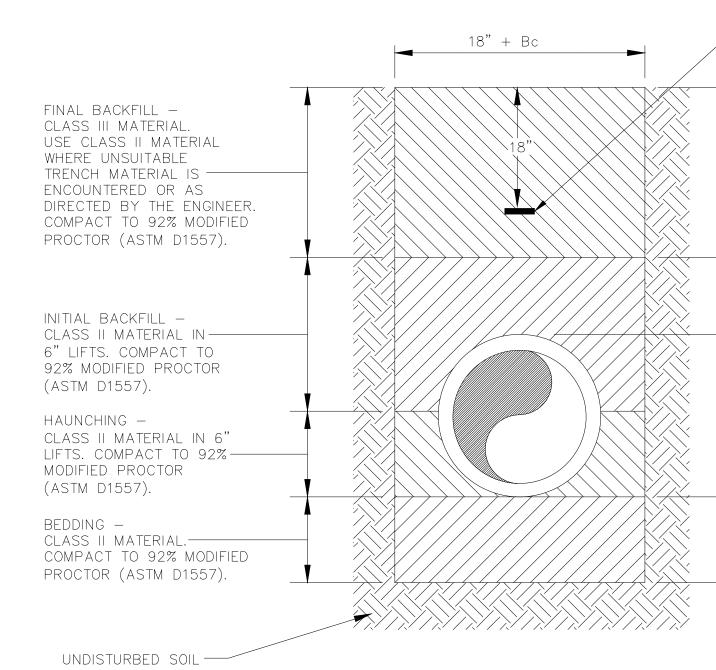
BURGAW, NC 28425

STANDARD WATER SERVICE DETAIL

NOT TO SCALE

WATER SERVICE (¾" - 1") STANDARD DETAIL

VERSION #4 - FEB 2016





--- MAGNETICALLY

COLOR)

-- DEPTH VARIES

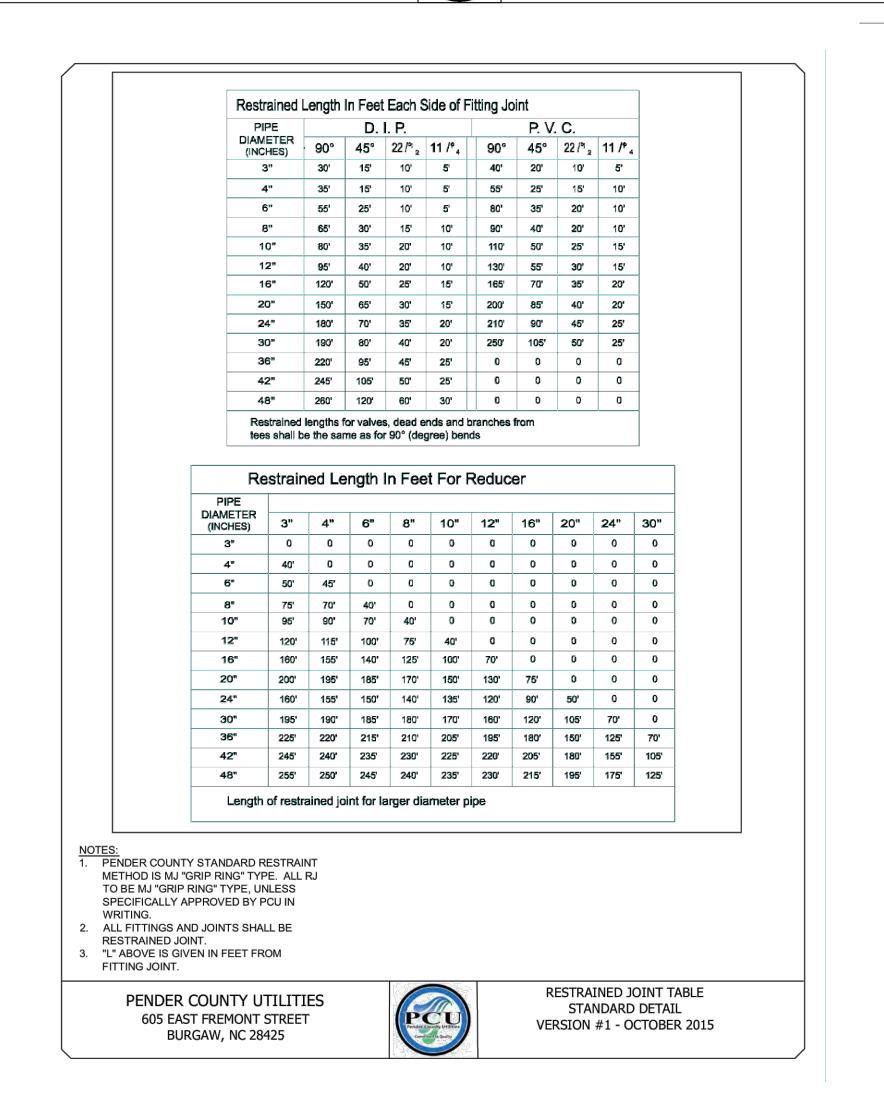
- Bc =

— 4" MIN.

PIPE ZONE

DETECTABLE TAPE.

USE FOR ALL TYPES OF PIPE (GREEN IN



PIPE CROSSING "A" DETAIL

NOT TO SCALE

TYP. FOR STORM

RJ PVC ——— WATER LINE

CONCRETE

BLOCKING

45" BEND -

MJ GRIP-RING -

"PCU STANDARD BORE ENCASEMENT".

2. DIP SHALL NOT BE USED WITHOUT PRIOR APPROVAL OF PCU IN THE FIELD.

CARRIER PIPE TO BE C900 DR 18 PVC.

PENDER COUNTY UTILITIES

605 EAST FREMONT STREET

BURGAW, NC 28425

RESTRAINT (TYP.)

SPACERS SHALL BE PROVIDED WITHIN THE CASING

PIPE AND CASING ENDS SHALL BE SEALED PER

EX. STORM — DRAIN DRAIN PIPE CROSSING

RJ PVC WATER LINE -

USE D.I.P FITTINGS

INSTALLATIONS.

-STEEL CASING TO EXTEND 10' FROM

CASING TO MEET THE REQUIREMENTS

THE CL OF THE STORM DRAIN

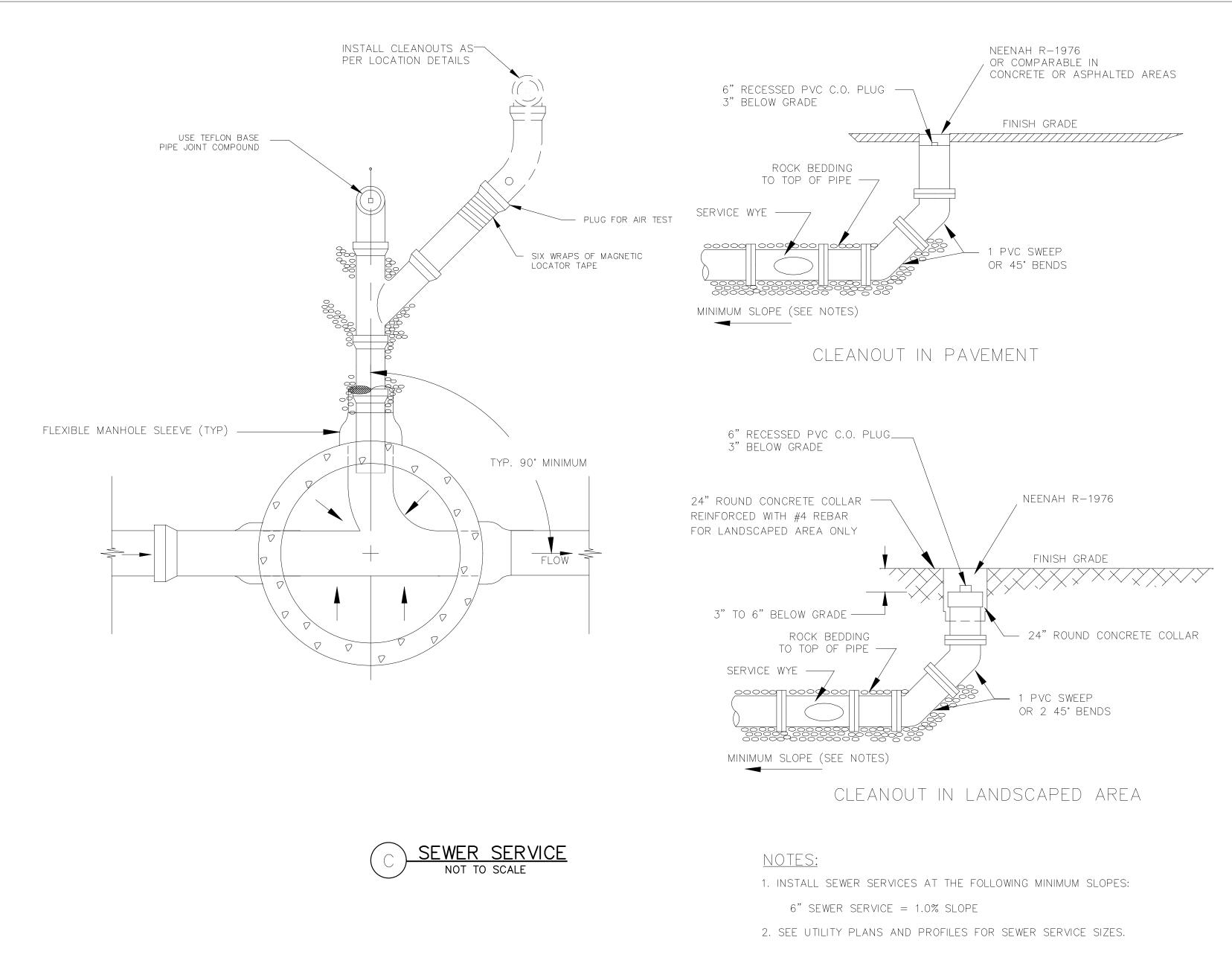
CROSSING IN BOTH DIRECTIONS.

OF CASING FOR BORE AND JACK

PIPE CROSSING "A"

STANDARD DETAIL

VERSION #1 - SEPTEMBER 2015



CARO

REAL
027779

ENGINEER

ROCKY POINT AUTO AUCTION

ROCKY POINT NORTH CAROLINA





DATE: 07/21/2023

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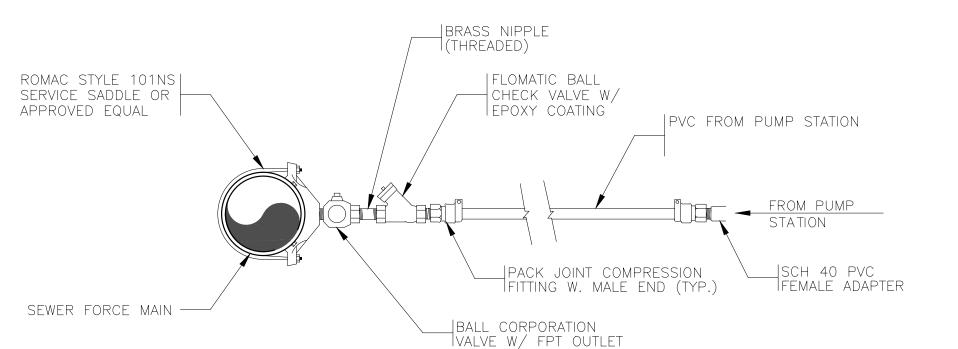
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CIVIL DETAILS
- UTILITY

C641

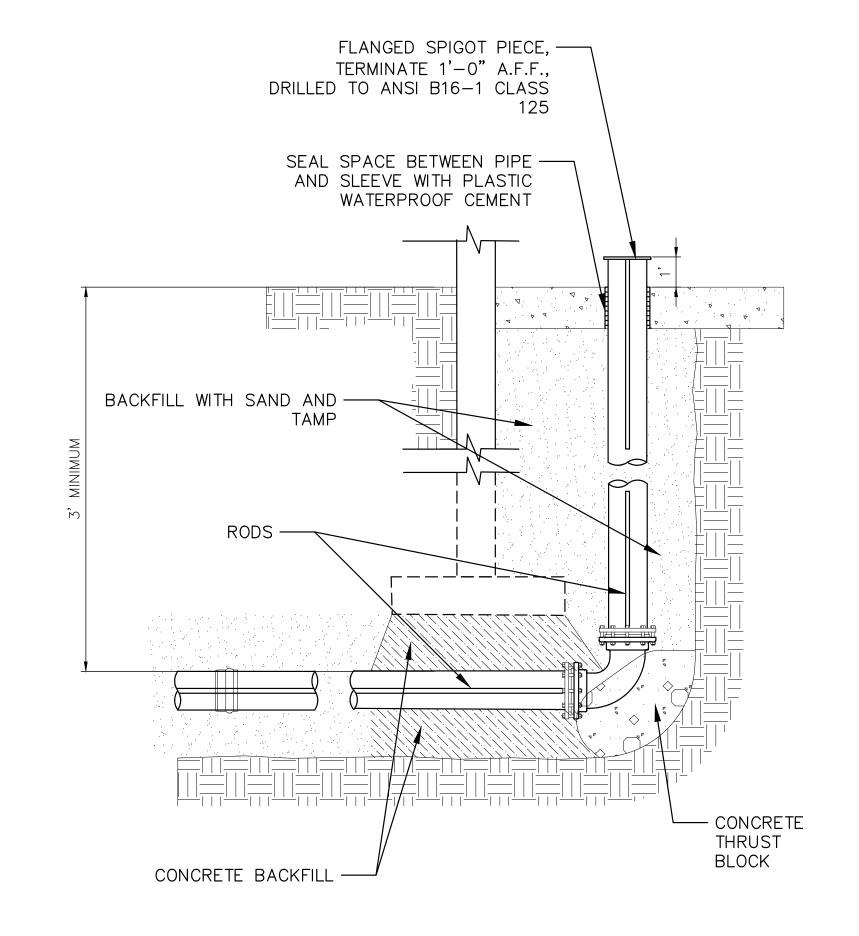




BALL CORPORATION VALVE W/ FPT OUTLET

HYDRANT BOLLARDS

NOT TO SCALE



NOTES:
1. PIPE OR PIPE JOINTS SHALL NOT BE LOCATED UNDER FOUNDATION FOOTINGS.

SPRINKLER SERVICE LEAD-IN DETAIL NO SCALE



ROCKY POINT AUTO AUCTION

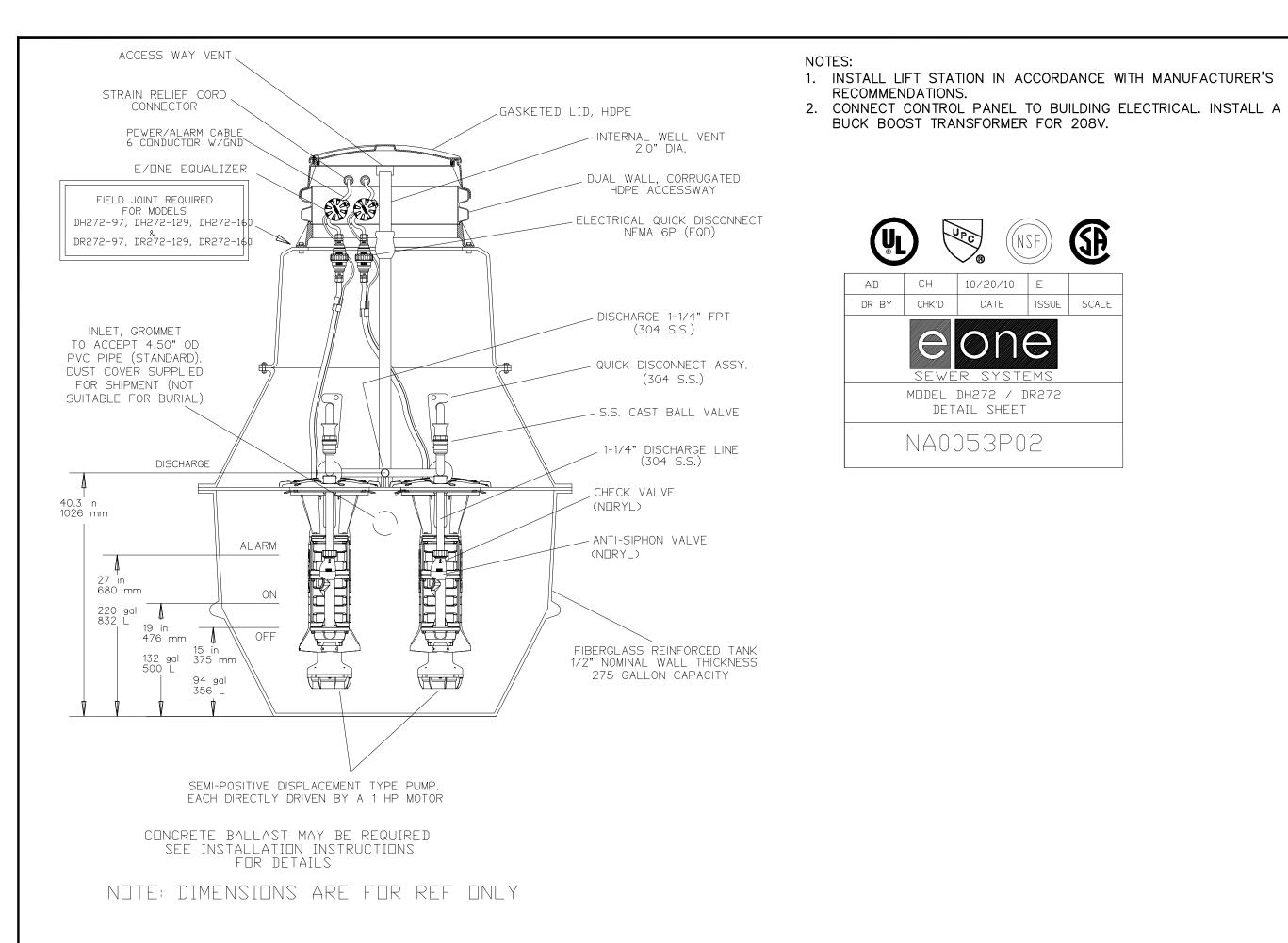
ROCKY POINT NORTH CAROLINA





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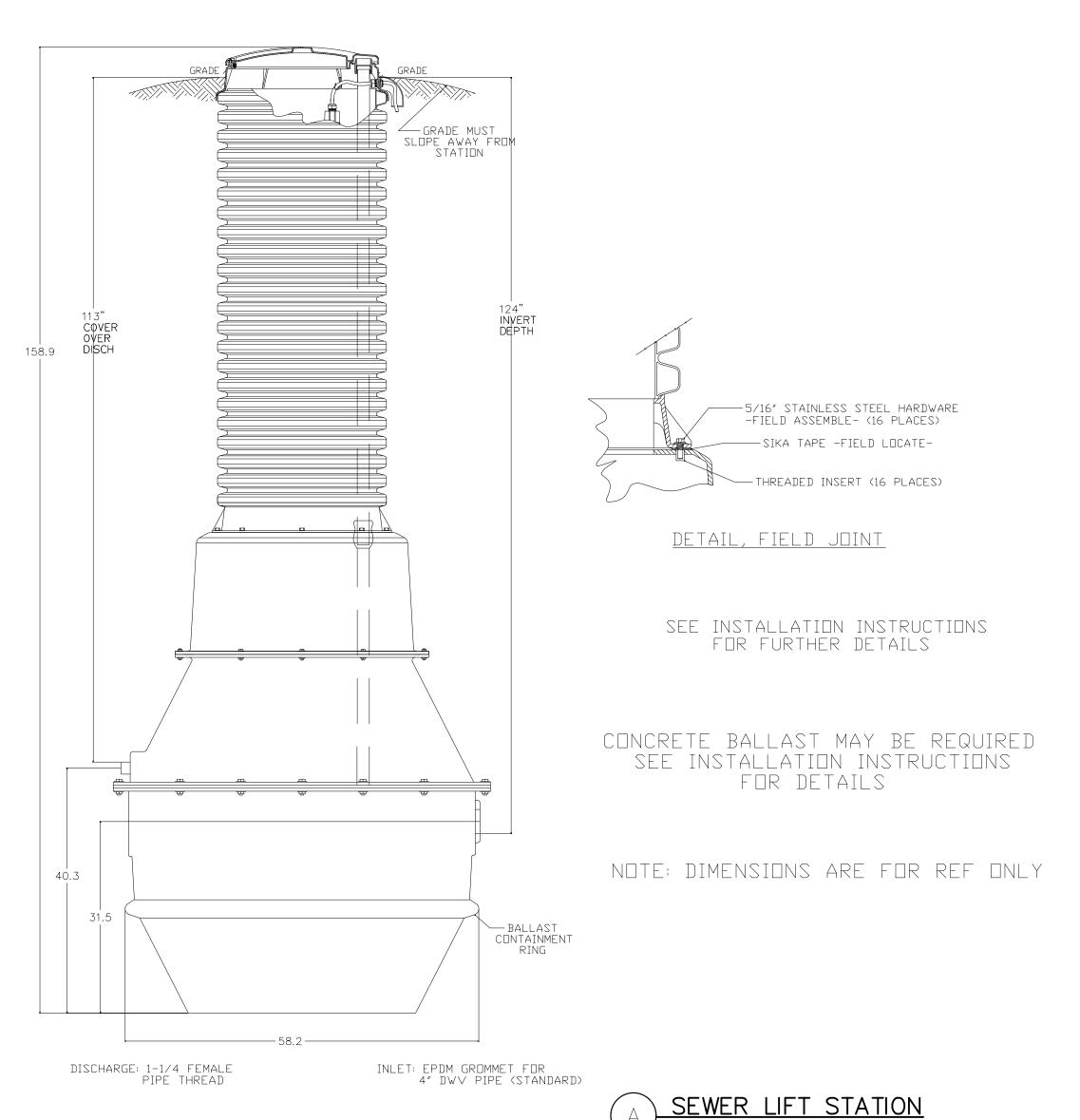
CIVIL DETAILS - UTILITY





BUCK BOOST TRANSFORMER FOR 208V.

RECOMMENDATIONS.



mplementing 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          |  |  |  |  |  |  |
|--|--|--|--|--|--|--|
| Required Ground Stabilization Timeframes |  |  |  |  |  |  |
| Si                                       | ite Area Description   | Stabilize within this<br>many calendar<br>days after ceasing<br>land disturbance | Timeframe variations   |  |  |  |
| (a)                                      | Perimeter dikes,<br>swales, ditches, and<br>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<br>length and with slopes steeper than 4:1<br>-7 days for perimeter dikes, swales,<br>ditches, perimeter slopes and HQW<br>Zones<br>-10 days for Falls Lake Watershed |  |  |  |
| (e)                                      | Areas with slopes flatter than 4:1                           | 14   | <ul> <li>-7 days for perimeter dikes, swales,<br/>ditches, perimeter slopes and HQW Zones</li> <li>-10 days for Falls Lake Watershed unless<br/>there is zero slope</li> </ul>                               |  |  |  |

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  |
|---|--|
| Temporary grass seed covered with straw or other mulches and tackifiers Hydroseeding Rolled erosion control products with or without temporary grass seed Appropriately applied straw or other mulch Plastic sheeting | Permanent grass seed covered with straw or other mulches and tackifiers Geotextile fabrics such as permanent soil reinforcement matting Hydroseeding Shrubs 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 Rolled 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
- 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.

to a recycling or disposal center that handles these materials.

- Provide drip pans under any stored equipment Identify leaks and repair as soon as feasible, or remove leaking equipment from the
- 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

### 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.

### construction sites.

- 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.

. Prevent the discharge of soaps, solvents, detergents and other liquid wastes from

- Provide staking or anchoring of portable toilets during periods of high winds or in high
- 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

### 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
- 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.

### 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
- 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 leavings 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 leavings 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
- 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
- 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. 4. 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.
- 3. Do not store hazardous chemicals, drums or bagged materials directly on the ground.

### NORTH CAROLINA 🔊 Environmental Quality

# NCG01 GROUND STABILIZATION AND MATERIALS HANDLING

EFFECTIVE: 04/01/2

# 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<br>(during normal<br>business hours)   | Inspection records must include:   |
|---|--|--|
| (1) Rain gauge<br>maintained in<br>good working<br>order  | Daily  | Daily rainfall amounts.  If no daily rain gauge observations are made during weekend of holiday periods, and no individual-day rainfall information is available, record the cumulative rain measurement for those un attended days (and this will determine if a site inspection in needed). Days on which no rainfall occurred shall be recorded a "zero." The permittee may use another rain-monitoring device approved by the Division.  |
| (2) E&SC<br>Measures  | At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours                             | Identification of the measures inspected,     Date and time of the inspection,     Name of the person performing the inspection,     Indication of whether the measures were operating properly,     Description of maintenance needs for the measure,     Description, evidence, and date of corrective actions taken.  |
| (3) Stormwater<br>discharge<br>outfalls (SDOs)  | At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours                             | Identification of the discharge outfalls inspected,     Date and time of the inspection,     Name of the person performing the inspection,     Evidence of indicators of stormwater pollution such as oil sheen, floating or suspended solids or discoloration,     Indication of visible sediment leaving the site,     Description, evidence, and date of corrective actions taken.  |
| (4) Perimeter of<br>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<br>wetlands onsite<br>or offsite<br>(where<br>accessible)  (6) Ground<br>stabilization<br>measures | At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours After each phase of grading | 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. Records of the required reports to the appropriate Division Regional Office per Part III, Section C, Item (2)(a) of this permit  1. The phase of grading (installation of perimeter E&SC 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.   |

### SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION B: RECORDKEEPING . E&SC Plan Documentation

The approved E&SC plan as well as any approved deviation shall be kept on the site. The approved E&SC plan must be kept up-to-date throughout the coverage under this permit. The following items pertaining to the E&SC plan shall be kept on site and available for

| Item to Document   | Documentation Requirements   |
|--|--|
| (a) Each E&SC measure has been installed and does not significantly deviate from the locations, dimensions and relative elevations shown on the approved E&SC plan.  | Initial and date each E&SC measure on a copy of the approved E&SC plan or complete, date and sign an inspection report that lists each E&SC measure shown on the approved E&SC plan. This documentation is required upon the initial installation of the E&SC measures or if the E&SC measures are modified after initial installation.  |
| (b) A phase of grading has been completed.   | Initial and date a copy of the approved E&SC 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&SC plan.   | Initial and date a copy of the approved E&SC 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&SC measures have been performed.   | Complete, date and sign an inspection report.  |
| (e) Corrective actions have been taken to E&SC measures.   | Initial and date a copy of the approved E&SC plan or complete, date and sign an inspection report to indicate the completion of the corrective action.   |
| Additional Documentation to be Kept on In addition to the E&SC plan documents al site and available for inspectors at all time Division provides a site-specific exemption this requirement not practical: | Site pove, the following items shall be kept on some standard to the source of the standard to |

- (b) Records of inspections made during the previous twelve months. 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 e-NOI and all inspection records shall be maintained for a period

of three years after project completion and made available upon request. [40 CFR 122.41]

### PART II, SECTION G, ITEM (4) DRAW DOWN OF SEDIMENT BASINS FOR MAINTENANCE OR CLOSE OUT

Sediment basins and traps that receive runoff from drainage areas of one acre or more shall use outlet structures that withdraw water from the surface when these devices need to be drawn down for maintenance or close out unless this is infeasible. The circumstances in which it is not feasible to withdraw water from the surface shall be rare (for example, times with extended cold weather). Non-surface withdrawals from sediment basins shall be allowed only when all of the following criteria have been met:

3. Documentation to be Retained for Three Years

- (a) The E&SC plan authority has been provided with documentation of the non-surface withdrawal and the specific time periods or conditions in which it will occur. The non-surface withdrawal shall not commence until the E&SC plan authority has approved these items,
- (b) The non-surface withdrawal has been reported as an anticipated bypass in accordance with Part III, Section C, Item (2)(c) and (d) of this permit, (c) Dewatering discharges are treated with controls to minimize discharges of pollutants from stormwater that is removed from the sediment basin. Examples of appropriate controls include properly sited, designed and maintained dewatering tanks, weir tanks, and filtration systems,
- (d) Vegetated, upland areas of the sites or a properly designed stone pad is used to the extent feasible at the outlet of the dewatering treatment devices described in Item (c) above,
- (e) Velocity dissipation devices such as check dams, sediment traps, and riprap are provided at the discharge points of all dewatering devices, and (f) Sediment removed from the dewatering treatment devices described in Item (c) above is disposed of in a manner that does not cause deposition of sediment into waters of the United States.

# NCG01 SELF-INSPECTION, RECORDKEEPING AND REPORTING

### SECTION C: REPORTING

1. Occurrences that Must be Reported Permittees shall report the following occurrences: (a) Visible sediment deposition in a stream or wetland.

### (b) 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).
- (c) 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.
- (d) Anticipated bypasses and unanticipated bypasses.
- e) Noncompliance with the conditions of this permit that may endanger health or the

### 2. Reporting Timeframes and Other Requirements

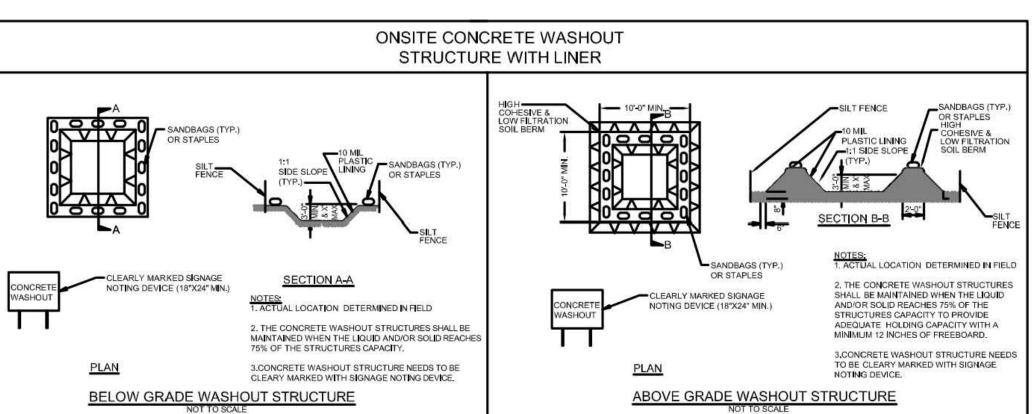
After a permittee becomes aware of an occurrence that must be reported, he shall contact the appropriate Division regional office within the timeframes and in accordance with the other requirements listed below. Occurrences outside normal business hours may also be reported to the Department's Environmental Emergency Center personnel at (800)

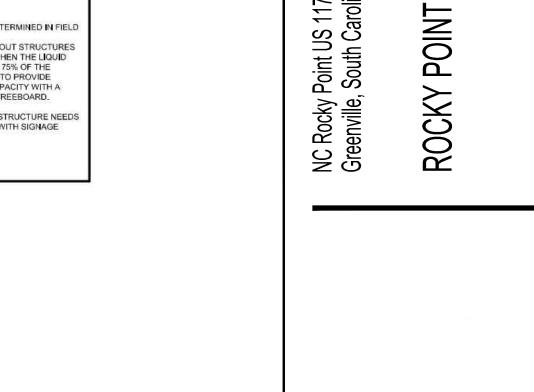
Reporting Timeframes (After Discovery) and Other Requirements

|   | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,  |
|---|--|
| (a) Visible sediment<br>deposition in a<br>stream or wetland  | <ul> <li>Within 24 hours, an oral or electronic notification.</li> <li>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.</li> <li>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.</li> </ul> |
| (b) Oil spills and<br>release of<br>hazardous<br>substances per Item<br>1(b)-(c) above                                | 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<br>bypasses [40 CFR<br>122.41(m)(3)]  | 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<br>bypasses [40 CFR<br>122.41(m)(3)]  | 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(I)(7)] | 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 reoccurrence 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.  |



EFFECTIVE: 04/01/19







AUTO

ROCKY POINT NORTH CAROLINA



864-751-9121 ADCENGINEERING.COM NC COA #C-1572

ADC PROJECT #:

**CERTIFICATION STATEMENT:** 

I HAVE PLACED MY SIGNATURE AND SEAL ON

THE DESIGN DOCUMENTS SUBMITTED

SIGNIFYING THAT I ACCEPT RESPONSIBILITY FOR THE DESIGN OF THE SYSTEM. FURTHER,

CERTIFY TO THE BEST OF MY KNOWLEDGE AND

BELIEF THAT THE DESIGN IS CONSISTENT WITH

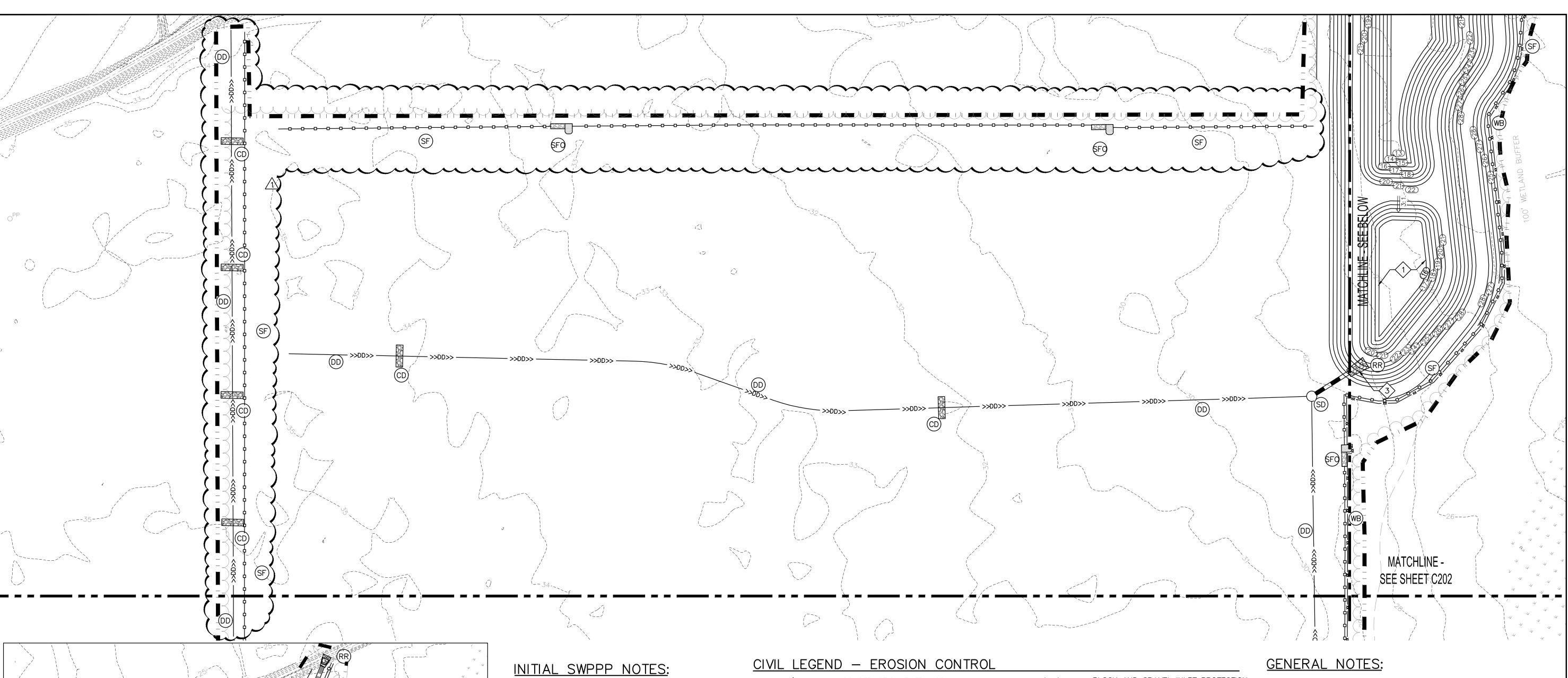
THE REQUIREMENTS OF TITLE 48, CHAPTER 14 OF

THE CODE OF LAWS OF SC, 1976 AS AMENDED,

PURSUANT TO REGULATION 72-300 ET SEQ. (IF

TERMS AND CONDITIONS OF SCR100000.

APPLICABLE), AND IN ACCORDANCE WITH THE



MATCHLINE VIEW - SEE ABOVE

SCALE: 1"=50'

- 1. PRIOR TO ANY LAND DISTURBANCE ACTIVITY CONDUCT A PRE-CONSTRUCTION CONFERENCE. GENERAL CONTRACTOR SHALL SCHEDULE AND CONDUCT SWPPP PRE-CONSTRUCTION MEETING WITH SWPPP PREPARING ENGINEER, NCDEQ, OWNER AND ALL LAND DISTURBING CONTRACTORS BEFORE PROCEEDING WITH CONSTRUCTION.
- 2. STAKE OUT CLEARING LIMITS.
- 3. CONDUCT LIMITED CLEARING, TIMBERING AND DEMOLITION AS REQUIRED TO INSTALL PERIMETER BEST MANAGEMENT PRACTICES AND CONSTRUCTION ENTRANCE.
- 4. INSTALL SILT FENCE, SILT FENCE OUTLETS AND CONSTRUCTION ENTRANCE AS SHOWN ON THE
- 5. INSTALL SEDIMENT BASIN, PARTIAL STORM DRAINAGE, SKIMMER, DIVERSION DITCHES AND ROCK CHECK DAMS.
- 6. CLEAR AND GRUB SITE.
- 7. TEMPORARILY SEED OTHER DISTURBED AREAS IAW THE PLANS AND THE CONSTRUCTION GENERAL PERMIT.
- 8. MAINTAIN BEST MANAGEMENT PRACTICES THROUGHOUT CONSTRUCTION.
- 9. COMPLETE INSPECTION REPORTS IAW THE CONSTRUCTION GENERAL PERMIT.
- 10. APPLY TEMPORARY SEEDING AND JUTE MAT TO SEDIMENT BASINS AND DIVERSION DITCHES.

CONSTRUCTION ENTRANCE -INSTALL IAW DETAIL A/C740. ROCK CHECK DAM - INSTALL IAW DETAIL B/C740.

REINFORCED SILT FENCE - INSTALL \_\_\_ IAW DETAIL C/C740. WETLAND BUFFER SIGN AND ORANGE CONSTRUCTION FENCE — INSTALL IAW

DETAIL A/C741. RR RIP RAP - INSTALL IAW DETAIL B/C741. PIPE SLOPE DRAIN - INSTALL SD === IAW DETAIL C/C741.

TEMPORARY SEEDING - INSTALL IAW DETAIL D/C741

PERMANENT STABILIZATION -INSTALL IAW LANDSCAPE PLANS. REINFORCED SILT FENCE OUTLET -INSTALL IAW DETAIL E/C741.

BLOCK AND GRAVEL INLET PROTECTION -INSTALL IAW DETAIL A/C742.

SEDIMENT TUBE INLET PROTECTION -

INSTALL IAW DETAIL B/C742. FILTER SACK INLET PROTECTION -INSTALL IAW DETAIL C/C742.

TRACKING - INSTALL IAW DETAIL D/C742.

SKIMMER - INSTALL IAW DETAIL D/C743.

CONCRETE WASHOUT - SEE SHEET

WETLANDS WHICH ARE TO REMAIN UNDISTURBED AND PROTECTED. LIMITS OF CONSTRUCTION/ DISTURBANCE

- 1. SEE SHEET COO1 FOR CIVIL NOTES AND ABBREVIATIONS.
- 2. SEE SHEET C701 FOR ADDITIONAL CONTROL NOTES.
- 3. ALL CONTRACTORS/SUBCONTRACTORS/PERSON THAT WILL BE ENGAGED IN LAND DISTURBING ACTIVITIES SHALL COMPLY WITH ALL EROSION CONTROL AND STORMWATER POLLUTION PREVENTION REQUIREMENTS CONTAINED THROUGHOUT THE DRAWINGS, SPECIFICATIONS AND PERMITS.
- 6. DUE TO GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURE TO PREVENT EROSION AND POLLUTANT DISCHARGE OFF-SITE.

# KEYNOTES: $\Diamond$

- INSTALL TEMPORARY SEDIMENT BASIN IAW DETAIL A/C743. MUST HAVE GROUND COVER WITHIN 7 DAYS.
- 2. INSTALL TEMPORARY PIPE UNDER CONSTRUCTION ENTRANCE AS NECESSARY TO MAINTAIN POSITIVE DRAINAGE.
- 3. REINFORCE DIVERSION DITCH WITH RIP RAP WHEN DITCH ENTERS BASIN TO CONTROL EROSION.
- 4. TRANSITION INLET PROTECTION AS CONSTRUCTION PROGRESSES.

- 4. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETING ALL BMP INSPECTIONS IAW SWPPP AND NCDEQ REQUIREMENTS.
- 5. REMOVE ACCUMULATED SEDIMENT AND DEBRIS FROM EXISTING AND NEW STORM DRAINAGE SYSTEM WITHIN THE LIMITS OF DISTURBANCE.

HORIZONTAL SCALE ( IN FEET ) 1 inch = 40 ft.



GREENVILLE, SC 29607

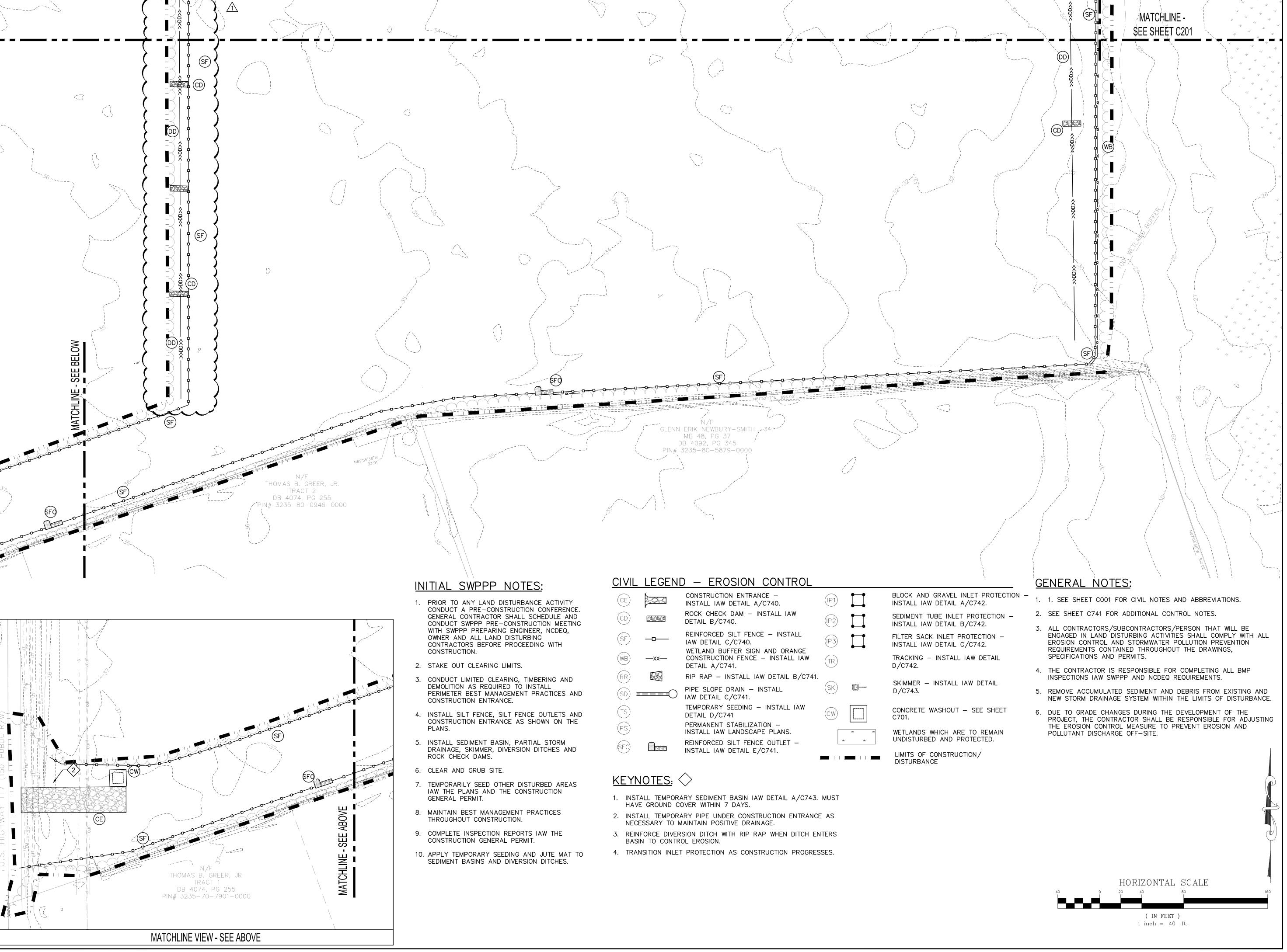
ADCENGINEERING.COM

864-751-9121

NC COA #C-1572

| DATE:          | 08/08/2023    |            |
|----------------|---------------|------------|
| ADC PROJECT #: | 22530         |            |
| DESIGNED:      | LKB           |            |
| CHECKED:       | LKB           |            |
| DRAWN:         | LKB           |            |
| REVISION:      |               |            |
| <u> </u>       | RAL REVISIONS | 08/08/2023 |
|                |               |            |

**EROSION** CONTROL PLAN -INITIAL AREA 1



ROCKY POINT AUTO AUCTION

NC Rocky Point US 117, LL Greenville, South Carolina





25 WOODS LAKE ROAD, SUITE 210 GREENVILLE, SC 29607 864-751-9121

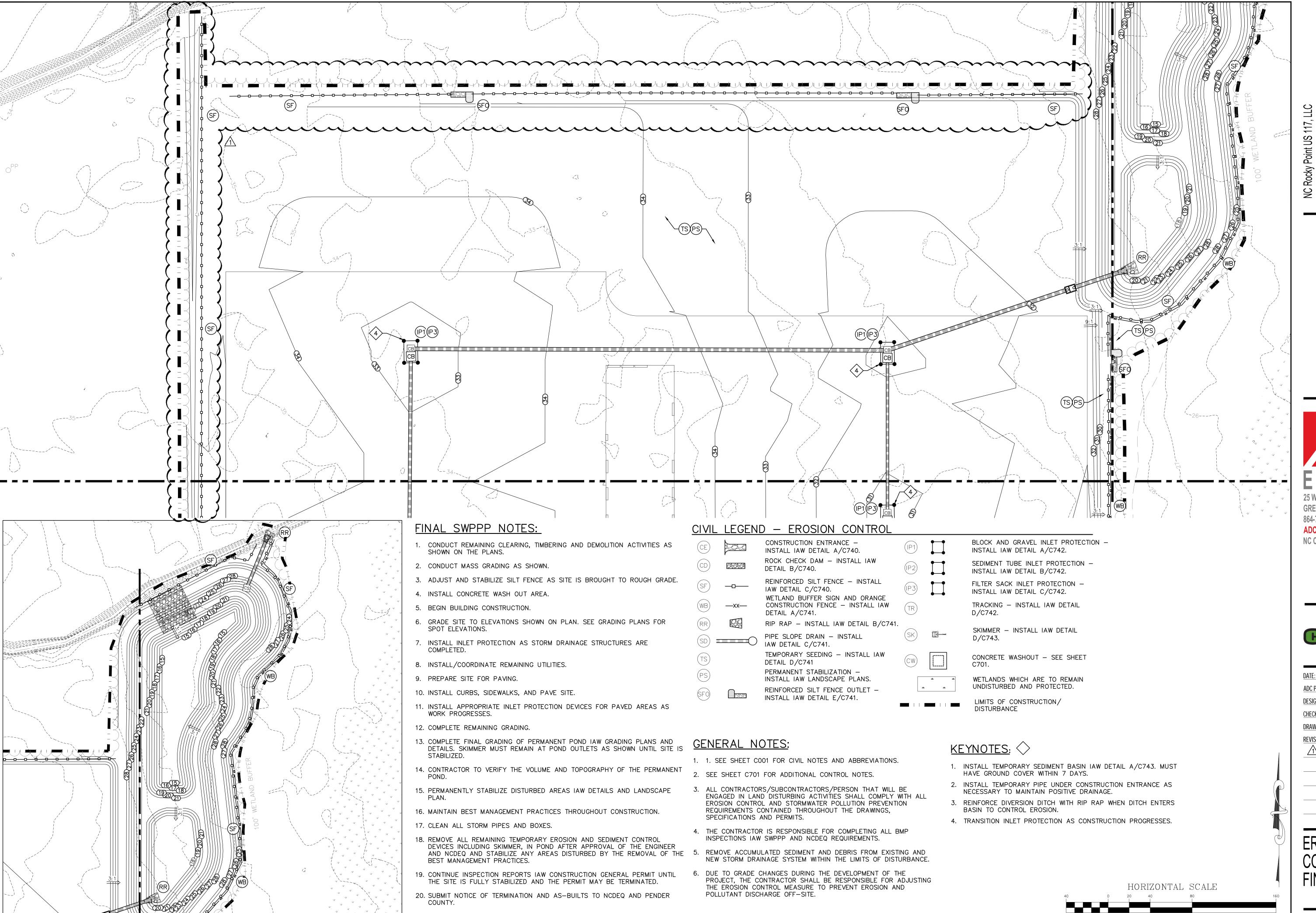
ADCENGINEERING.COM NC COA #C-1572



| DATE:          | 08/08/2023    |            |
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| CHECKED:       | LKB           |            |
| DRAWN:         | LKB           |            |
| REVISION:      |               |            |
| <u> </u>       | RAL REVISIONS | 08/08/2023 |

EROSION CONTROL PLAN -INITIAL AREA 2

C712



MATCHLINE VIEW - SEE ABOVE

SCALE: 1"=50'

OINT AUTO AUCTION

NC Rocky Point US 117, LLC Greenville, South Carolina

SEAL 027779

ENGINEER

08/08/2023



25 WOODS LAKE ROAD, SUITE 210 GREENVILLE, SC 29607 864-751-9121

ADCENGINEERING.COM NC COA #C-1572

North 811 Carolina

DATE: 08/08/2023

ADC PROJECT #: 22530

DESIGNED: LKB

CHECKED: LKB

DRAWN: LKB

REVISION:

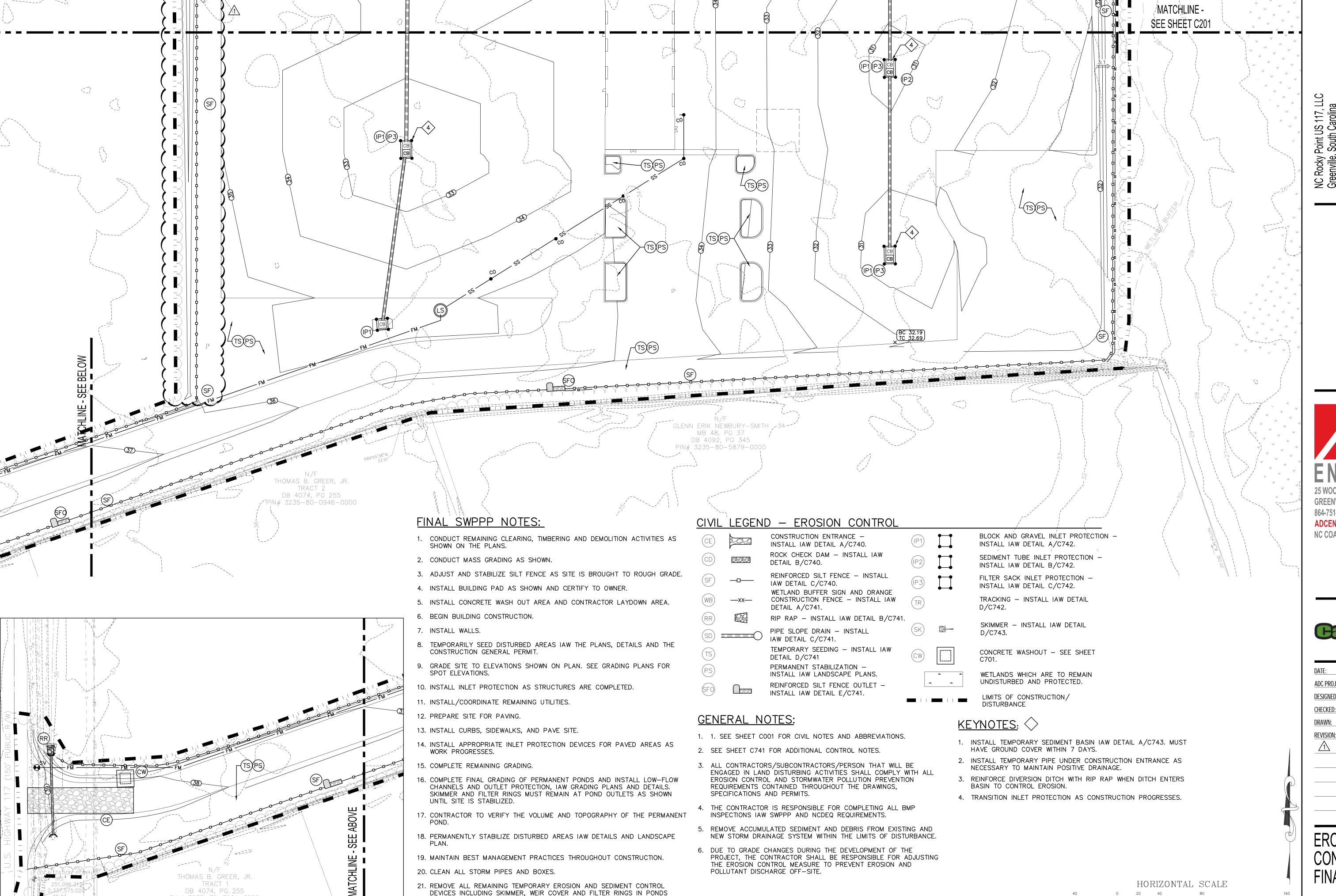
GENERAL REVISIONS 08/08/2023

ZIZ GENERAL REVISIONS 00/00/2023

EROSION CONTROL PLAN -FINAL AREA 1

C721

( IN FEET ) 1 inch = 40 ft.



AFTER APPROVAL OF THE ENGINEER AND THE CONTRACTING OFFICER AND

22. CONTINUE INSPECTION REPORTS IAW CONSTRUCTION GENERAL PERMIT UNTIL THE SITE IS FULLY STABILIZED AND THE PERMIT MAY BE TERMINATED.

STABILIZE ANY AREAS DISTURBED BY THE REMOVAL OF THE BEST

MANAGEMENT PRACTICES.

PIN# 3235-70-7901-0000

MATCHLINE VIEW - SEE ABOVE

ROCKY POINT AUTO AUCTION



GREENVILLE, SC 29607 864-751-9121

ADCENGINEERING.COM NC COA #C-1572

| DATE:          | 08/08/2023     |            |
|----------------|----------------|------------|
| ADC PROJECT #: | 22530          |            |
| DESIGNED:      | LKB            |            |
| CHECKED:       | LKB            |            |
| DRAWN:         | LKB            |            |
| REVISION:      |                |            |
| <u> </u>       | ERAL REVISIONS | 08/08/2023 |
|                |                |            |

**EROSION CONTROL PLAN -**FINAL AREA 2

( IN FEET ) 1 inch = 40 ft.

### NOTES:

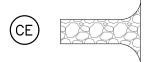
- 1. INSTALL A CULVERT PIPE ACROSS THE ENTRANCE WHEN NEEDED TO PROVIDE POSITIVE DRAINAGE.
- 2. DIVERT ALL SURFACE RUNOFF AND DRAINAGE FROM THE STONE PAD TO A SEDIMENT TRAP OR BASIN OR OTHER SEDIMENT TRAPPING STRUCTURE.

### GENERAL NOTES:

- 1. STABILIZED CONSTRUCTION ENTRANCES SHOULD BE USED AT ALL POINTS WHERE TRAFFIC WILL EGRESS/INGRESS A CONSTRUCTION SITE ONTO A PUBLIC ROAD OR ANY IMPERVIOUS SURFACES, SUCH AS PARKING LOTS.
- INSTALL A NON-WOVEN GEOTEXTILE FABRIC PRIOR TO PLACING ANY STONE.
- 3. INSTALL A CULVERT PIPE ACROSS THE ENTRANCE WHEN NEEDED TO PROVIDE POSITIVE DRAINAGE.
- 4. THE ENTRANCE SHALL CONSIST OF 2-INCH TO 3-INCH D50 STONE PLACED AT A MINIMUM DEPTH OF 6-INCHES.
- 5. MINIMUM DIMENSIONS OF THE ENTRANCE SHALL BE 24-FEET WIDE BY 100-FEET LONG, AND MAY BE MODIFIED AS NECESSARY TO ACCOMMODATE SITE CONSTRAINTS.
- 6. THE EDGES OF THE ENTRANCE SHALL BE TAPERED OUT TOWARDS THE ROAD TO PREVENT TRACKING AT THE EDGE OF THE ENTRANCE.
- 7. DIVERT ALL SURFACE RUNOFF AND DRAINAGE FROM THE STONE PAD TO A SEDIMENT TRAP OR BASIN OR OTHER SEDIMENT TRAPPING STRUCTURE.
- 8. LIMESTONE MAY NOT BE USED FOR THE STONE PAD.

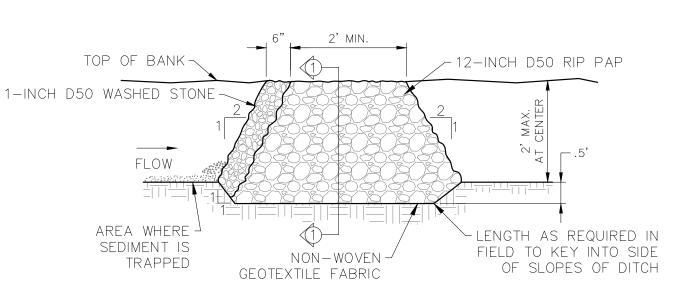
### **INSPECTION AND MAINTENANCE:**

- THE KEY TO FUNCTIONAL CONSTRUCTION ENTRANCES IS WEEKLY INSPECTIONS, ROUTINE MAINTENANCE, AND REGULAR SEDIMENT REMOVAL.
- 2. REGULAR INSPECTIONS OF CONSTRUCTION ENTRANCES SHALL BE CONDUCTED ONCE EVERY CALENDAR WEEK AND, AS RECOMMENDED, WITHIN 24-HOURS AFTER EACH RAINFALL EVEN THAT PRODUCES 1/2-INCH OR MORE OF PRECIPITATION.
- DURING REGULAR INSPECTIONS, CHECK FOR MUD AND SEDIMENT BUILDUP AND PAD INTEGRITY. INSPECTION FREQUENCIES MAY NEED TO BE MORE FREQUENT DURING LONG PERIODS OF WET WEATHER.
- 4. RESHAPE THE STONE PAD AS NECESSARY FOR DRAINAGE AND RUNOFF CONTROL.
- 5. WASH OR REPLACE STONES AS NEEDED AND AS DIRECTED BY SITE INSPECTOR. THE STONE IN THE ENTRANCE SHOULD BE WASHED OR REPLACED WHENEVER THE ENTRANCE FAILS TO REDUCE THE AMOUNT OF MUD BEING CARRIED OFF—SITE BY VEHICLES. FREQUENT WASHING WILL EXTEND THE USEFUL LIFE OF STONE PAD.
- 6. IMMEDIATELY REMOVE MUD AND SEDIMENT TRACKED OR WASHED ONTO ADJACENT IMPERVIOUS SURFACES BY BRUSHING OR SWEEPING. FLUSHING SHOULD ONLY BE USED WHEN THE WATER CAN BE DISCHARGED TO A SEDIMENT TRAP OR BASIN.
- 7. DURING MAINTENANCE ACTIVITIES, ANY BROKEN PAVEMENT SHOULD BE REPAIRED IMMEDIATELY.
- 8. CONSTRUCTION ENTRANCES SHOULD BE REMOVED AFTER THE SITE HAS REACHED FINAL STABILIZATION. PERMANENT VEGETATION SHOULD REPLACE AREAS FROM WHICH CONSTRUCTION ENTRANCES HAVE BEEN REMOVED, UNLESS AREA WILL BE CONVERTED TO AN IMPERVIOUS SURFACE TO SERVE POST—CONSTRUCTION.



# CONSTRUCTION ENTRANCE DETAIL

NOT TO SCALE



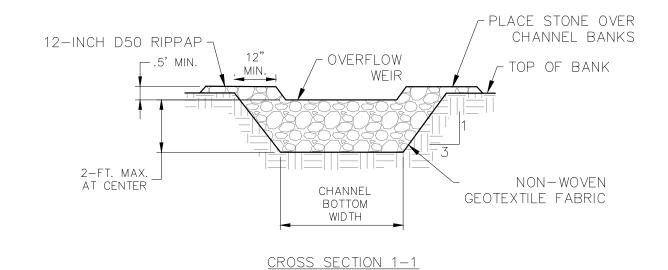
NOTE:

ROCK CHECK TO BE REMOVED BY GRADING CONTRACTOR AFTER CONSTRUCTION IS COMPLETE AND GRASSING IS ESTABLISHED

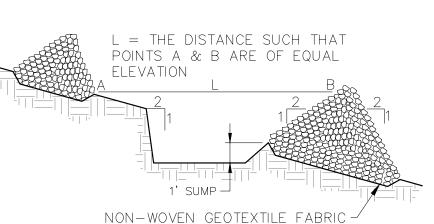
TYPICAL DITCH CHECK SECTION

### INSPECTION AND MAINTENANCE:

- 1. INSPECT ROCK DITCH CHECKS ONCE PER CALENDAR WEEK AND WITHIN 24 HOURS OF A RAINFALL EVENT THAT PRODUCES 1/2 INCH OR MORE OF PRECIPITATION.
- 2. INSPECT FOR SEDIMENT AND DEBRIS ACCUMULATION.
- 3. INSPECT DITCH CHECK EDGES FOR EROSION AND REPAIR PROMPTLY AS REQUIRED.
- 4. REMOVE SEDIMENT WHEN IT REACHES 1/3 THE ORIGINAL CHECK HEIGHT.
- 5. IN THE CASE OF GRASS—LINED DITCHES AND SWALES, ROCK DITCH CHECKS SHALL BE REMOVED WHEN THE GRASS HAS MATURED SUFFICIENTLY TO PROTECT THE DITCH OR SWALE UNLESS THE SLOPE OF THE SWALE IS GREATER THAN 4%.
- 6. AFTER CONSTRUCTION IS COMPLETE, ALL STONE SHOULD BE REMOVED BY THE GRADING CONTRACTOR IF VEGETATION WILL BE USED FOR PERMANENT EROSION CONTROL MEASURES.
- 7. THE AREA BENEATH THE ROCK DITCH CHECKS SHALL BE SEEDED AND MULCHED IMMEDIATELY AFTER ROCK CHECK
- 7. THE AREA BENEATH THE ROCK DITCH CHECKS SHALL BE SEEDED AND MULCHED IMMEDIATELY AFTER ROCK CHECK DAM REMOVAL.

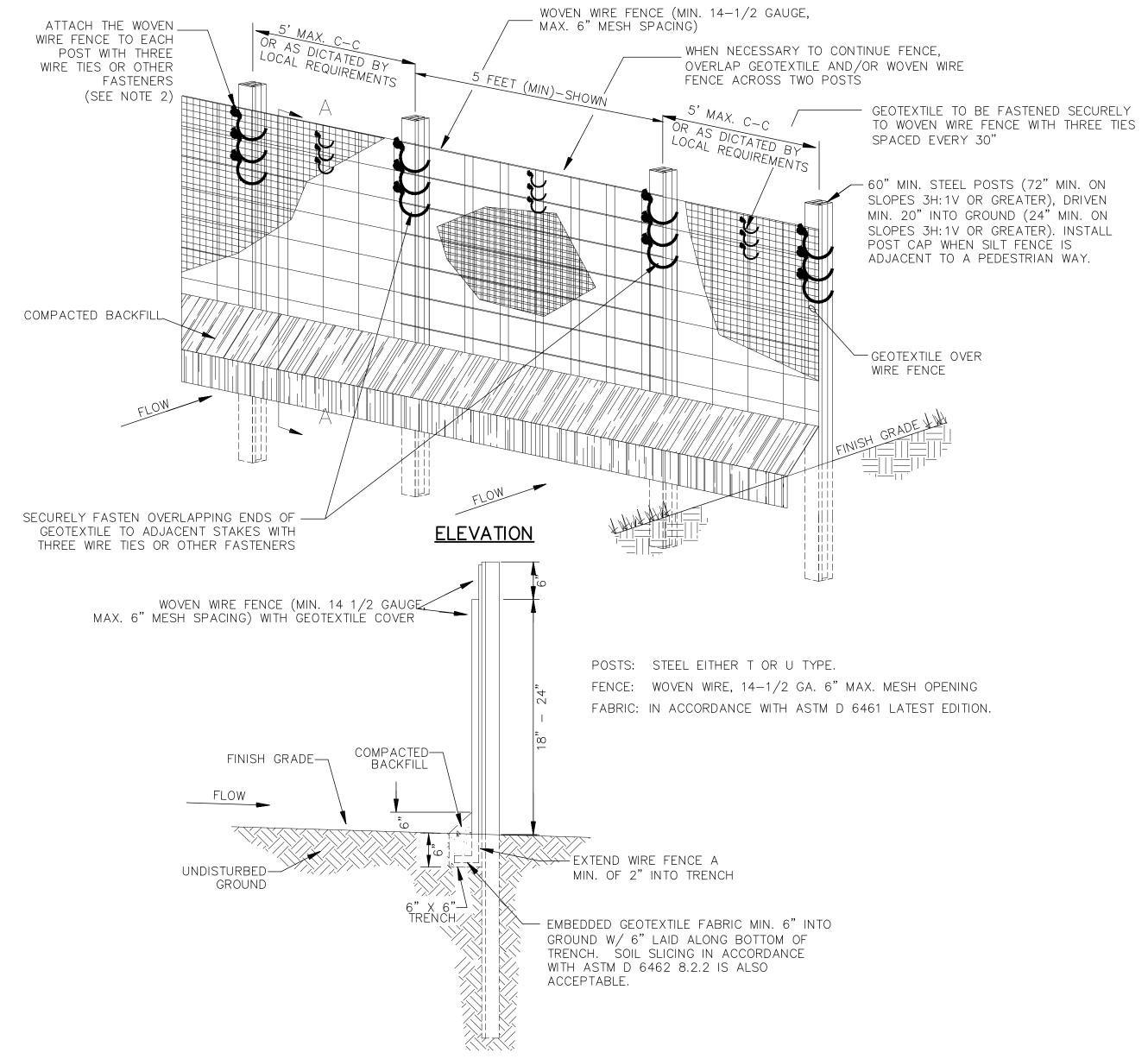


<u>hru stone ditch check</u>



SPACING BETWEEN DITCH CHECK

ROCK DITCH CHECK



# A-A-SECTION

### IT FENCE CENERAL NOTES

- SILT FENCE GENERAL NOTES

  1. DO NOT PLACE SILT FENCE ACROSS CHANNELS OR IN OTHER AREAS SUBJECT TO CONCENTRATED FLOWS. SILT FENCE SHOULD NOT BE USED AS A VELOCITY CONTROL BMP. CONCENTRATED FLOWS ARE ANY FLOWS GREATER THAN 0.5
- 2. MAXIMUM SHEET OR OVERLAND FLOW PATH LENGTH TO THE SILT FENCE SHALL
- BE 100-FEET.

  3. MAXIMUM SLOPE STEEPNESS (NORMAL [PERPENDICULAR] TO THE FENCE LINE)
- SHALL BE 2:1.
  4. SILT FENCE JOINTS, WHEN NECESSARY, SHALL BE COMPLETED BY ONE OF THE
- FOLLOWING OPTIONS:

   WRAP EACH FABRIC TOGETHER AT A SUPPORT POST WITH BOTH ENDS
- FASTENED TO THE POST, WITH A 1-FOOT MINIMUM OVERLAP;

   OVERLAP SILT FENCE BY INSTALLING 3-FEET PASSED THE SUPPORT POST TO WHICH THE NEW SILT FENCE ROLL IS ATTACHED. ATTACH OLD ROLL TO
- OVERLAP ENTIRE WIDTH OF EACH SILT FENCE ROLL FROM ONE SUPPORT POST TO THE NEXT SUPPORT POST.
- 5. ATTACH FILTER FABRIC TO THE STEEL POSTS USING HEAVY—DUTY PLASTIC TIES THAT ARE EVENLY SPACED WITHIN THE TOP 8—INCHES OF THE FABRIC.

NEW ROLL WITH HEAVY-DUTY PLASTIC TIES; OR,

- 6. INSTALL THE SILT FENCE PERPENDICULAR TO THE DIRECTION OF THE STORMWATER FLOW AND PLACE THE SILT FENCE THE PROPER DISTANCE FROM THE TOE OF STEEP SLOPES TO PROVIDE SEDIMENT STORAGE AND ACCESS FOR MAINTENANCE AND CLEANOUT.
- 7. INSTALL SILT FENCE CHECKS (TIE-BACKS) EVERY 50-100 FEET, DEPENDENT ON SLOPE, ALONG SILT FENCE THAT IS INSTALLED WITH SLOPE AND WHERE CONCENTRATED FLOWS ARE EXPECTED OR ARE DOCUMENTED ALONG THE PROPOSED/INSTALLED SILT FENCE.

### SILT FENCE - POST REQUIREMENTS

- 1. SILT FENCE POSTS MUST BE 48—INCH LONG STEEL POSTS THAT MEET, AT A MINIMUM, THE FOLLOWING PHYSICAL CHARACTERISTICS.
   COMPOSED OF A HIGH STRENGTH STEEL WITH A MINIMUM YIELD STRENGTH OF 50,000 PSI.
- INCLUDE A STANDARD "T" SECTION WITH A NOMINAL FACE WIDTH OF 1.38-INCHES AND A NOMINAL "T" LENGTH OF 1.48-INCHES.
- WEIGH 1.25 POUNDS PER FOOT (± 8%) 2. POSTS SHALL BE EQUIPPED WITH PROJECTIONS TO AID IN FASTENING OF FILTER
- 3. STEEL POSTS MAY NEED TO HAVE A METAL SOIL STABILIZATION PLATE WELDED NEAR THE BOTTOM WHEN INSTALLED ALONG STEEP SLOPES OR INSTALLED IN LOOSE SOILS. THE PLATE SHOULD HAVE A MINIMUM CROSS SECTION OF 17—SQUARE INCHES AND BE COMPOSED OF 15 GAUGE STEEL, AT A MINIMUM.
- THE METAL SOIL STABILIZATION PLATE SHOULD BE COMPLETELY BURIED.

  4. INSTALL POSTS TO A MINIMUM OF 24—INCHES. A MINIMUM HEIGHT OF 1— TO 2— INCHES ABOVE THE FABRIC SHALL BE MAINTAINED, AND A MAXIMUM HEIGHT OF 3 FEET SHALL BE MAINTAINED ABOVE THE GROUND.
- HEIGHT OF 3 FEET SHALL BE MAINTAINED ABOVE THE GROUND.

  5. POST SPACING SHALL BE AT A MAXIMUM OF 6—FEET ON CENTER.

- SILT FENCE INSPECTION & MAINTENANCE
- 1. THE KEY TO FUNCTIONAL SILT FENCE IS WEEKLY INSPECTIONS, ROUTINE MAINTENANCE, AND REGULAR SEDIMENT REMOVAL.

  2. REGULAR INSPECTIONS OF SILT FENCE SHALL BE CONDUCTED ONCE EVERY
- CALENDAR WEEK AND, AS RECOMMENDED, WITHIN 24—HOURS AFTER EACH RAINFALL EVEN THAT PRODUCES 1/2—INCH OR MORE OF PRECIPITATION.

  3. ATTENTION TO SEDIMENT ACCUMULATIONS ALONG THE SILT FENCE IS
- EXTREMELY IMPORTANT. ACCUMULATED SEDIMENT SHOULD BE CONTINUALLY MONITORED AND REMOVED WHEN NECESSARY.

  4. REMOVE ACCUMULATED SEDIMENT WHEN IT REACHES 1/3 THE HEIGHT OF THE
- SILT FENCE.

  5. REMOVED SEDIMENT SHALL BE PLACED IN STOCKPILE STORAGE AREAS OR
- SPREAD THINLY ACROSS DISTURBED AREA. STABILIZE THE REMOVED SEDIMENT AFTER IT IS RELOCATED.

  6. CHECK FOR AREAS WHERE STORMWATER RUNOFF HAS ERODED A CHANNEL BENEATH THE SILT FENCE, OR WHERE THE FENCE HAS SAGGED OR COLLAPSED DUE TO RUNOFF OVERTOPPING THE SILT FENCE. INSTALL CHECKS/TIE—BACKS
- AND/OR REINSTALL SILT FENCE, AS NECESSARY.

  7. CHECK FOR TEARS WITHIN THE SILT FENCE, AREAS WHERE SILT FENCE HAS BEGUN TO DECOMPOSE, AND FOR ANY OTHER CIRCUMSTANCE THAT MAY RENDER THE SILT FENCE INEFFECTIVE. REMOVED DAMAGED SILT FENCE AND
- 8. SILT FENCE SHOULD BE REMOVED WITHIN 30 DAYS AFTER FINAL STABILIZATION IS ACHIEVED AND ONCE IT IS REMOVED, THE RESULTING DISTURBED AREA SHALL BE PERMANENTLY STABILIZED.

### SILT FENCE — FABRIC REQUIREMENTS

REINSTALL NEW SILT FENCE IMMEDIATELY.

- 1. SILT FENCE MUST BE COMPOSED OF WOVEN GEOTEXTILE FILTER FABRIC THAT
- CONSISTS OF THE FOLLOWING REQUIREMENTS:

   COMPOSED OF FIBERS CONSISTING OF LONG CHAIN SYNTHETIC POLYMERS OF AT LEAST 85% BY WEIGHT OF POLYOLEFINS, POLYESTERS, OR POLYAMIDES THAT ARE FORMED INTO A NETWORK SUCH THAT THE FILAMENTS OR YARNS RETAIN DIMENSIONAL STABILITY RELATIVE TO EACH OTHER;

   FREE OF ANY TREATMENT OR COATING WHICH MIGHT ADVERSELY ALTER ITS
- PHYSICAL PROPERTIES AFTER INSTALLATION;

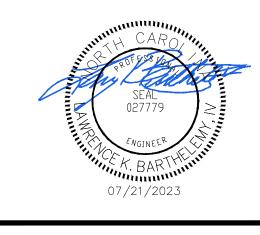
   FREE OF ANY DEFECTS OR FLAWS THAT SIGNIFICANTLY AFFECT ITS PHYSICAL AND/OR FILTERING PROPERTIES; AND,
- HAVE A MINIMUM WIDTH OF 36-INCHES.
   USE ONLY FABRIC APPEARING ON SC DOT'S QUALIFIED PRODUCTS LISTING (QPL), APPROVAL SHEET #34, MEETING THE REQUIREMENTS OF THE MOST CURRENT EDITION OF THE SC DOT STANDARD SPECIFICATIONS FOR HIGHWAY
- CONSTRUCTION.
  3. 12—INCHES OF THE FABRIC SHOULD BE PLACED WITHIN EXCAVATED TRENCH
- AND TOED IN WHEN THE TRENCH IS BACKFILLED.

  4. FILTER FABRIC SHALL BE PURCHASED IN CONTINUOUS ROLLS AND CUT TO THE
- LENGTH OF THE BARRIER TO AVOID JOINTS.

  5. FILTER FABRIC SHALL BE INSTALLED AT A MINIMUM OF 24—INCHES ABOVE THE

REINFORCED SILT FENCE DETAIL

NOT TO SCALE



AUCTION

AUTO

POINT

ROCKY

ROCKY POINT NORTH CAROLI



NC COA #C-1572



DATE: 07/21/2023

ADC PROJECT #: 22530

DESIGNED: LKB

CHECKED: LKB

DRAWN: LKB

REVISION:

CIVIL DETAILS

C740

**DIMENSIONS:** 

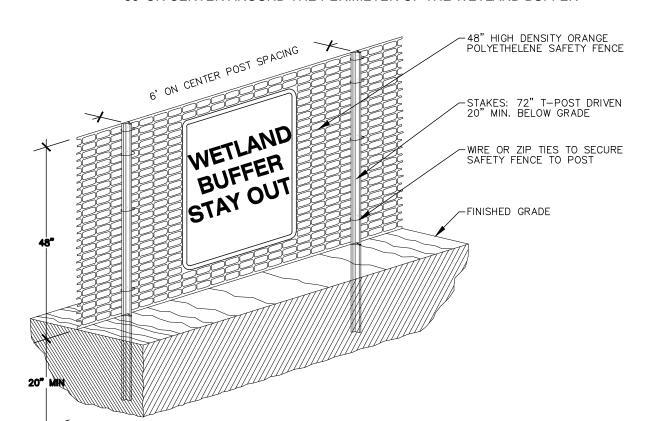
**SIGN MOUNTING:** 

WETLAND BUFFER SIGN TO BE MOUNTED HEIGHT: 30" ON GALVANIZED "U" CHANNEL WITH THE WIDTH: 24" APPROPRIATE SIGN FACE COLORS:

LEGEND: BLACK (RETROFLECTIVE) BACKGROUND: ORANGE (RETROFLECTIVE)

SIGN SPACING:

50' ON CENTER AROUND THE PERIMETER OF THE WETLAND BUFFER



WETLAND BUFFER SIGN AND ORANGE **CONSTRUCTION FENCE** NOT TO SCALE

INLET

10-FT. SPACING — CORRUGATED

riprap) pl<u>an view</u>

2-FT. MIN. -

STAKES

PLASTIC

LEVEL SECTION

PIPE

 $3:1 \text{ SIDE} \longrightarrow 2-\text{FT. MIN.}$ 

OUTLET PROTECTION-

TOP OF —

COMPACTED

(ECB, TRMs, or

SLOPES

GEOTEXTILE FABRIC TOP OF BANK

1. PLACE RIP-RAP IN ALL AREAS INDICATED ON THE DRAWING, THE STONE SHALL CONSIST OF FIELD STONE OR ROUGH, UNHEWN QUARRY STONE AS NEARLY UNIFORM IN SECTION AS IS PRACTICAL THE STONES SHALL BE DENSE, RESISTANT TO THE ACTION OF AIR AND WATER, AND SUITABLE IN ALL ASPECTS FOR THE PURPOSE INTENDED.

2. GRADE SUBGRADE BELOW RIP-RAP PAD SMOOTHLY BEFORE PLACING THE STONES.

MAINTENANCE INSTRUCTIONS . INSPECT RIP RAP APRONS DAILY.

3. TOP OF RIP RAP SHALL BE LOWER THAN PIPE INVERT.

2. REPAIR/REPLACE/SUPPLEMENT RIP RAP THAT HAS BEEN DISPLACED OR COVERED WITH SEDIMENT.

| P RAP  | d50  | dmax | MIN. |       | APRON          | La   | W1   | W2   |
|--------|------|------|------|-------|----------------|------|------|------|
| PRON # | (ft) | (ft) | WT.  | CLASS | THICKNESS (At) | (ft) | (ft) | (ft) |
| ES CO  | .6   | .9   | 75   | В     | 1.35           | 19   | 9    | 22   |
| HW DO  | .5   | .75  | 12   | Α     | 1.125          | 8    | 3.75 | 9.25 |

- COMPACTED

FILL

d50 = AVERAGE STONE SIZE

BELOW.

HOLD-DOWN STAKES -

10-FT. SPACING →

NON-PERFORATED -CORRUGATED

STABILIZE — OUTLET

— DIVERSION

BERM

PLASTIC PIPE

4-FT. MIN.

PLACE RIP-RAP IN ALL

AREAS INDICATED ON THE

DRAWING AND IAW TABLE

FLOW -

dmax = MAXIMUM STONE SIZE\* WRAP RIP RAP 3' UP SIDE OF SWALE, BOTH SIDES

### TEMPORARY SEEDING

WINTER/EARLY SPRING SEASON Seeding mixture Rate (lb/acre) Rye (grain) Annual lespedeza (Kobe in Piedmont and Coastal Plain,

Omit annual lespedeza when duration of temporary cover is not to extend beyond June.

Seeding dates Mountains—Above 2500 feet: Feb. 15 - May 15 Below 2500 feet: Feb. 1- May 1 Piedmont-Jan. 1 - May 1

Korean in Mountains)

Coastal Plain—Dec. 1 - Apr. 15 Soil amendments Follow recommendations of soil tests or apply 2,000 lb/acre ground agricultural limestone and 750 lb/acre 10-10-10 fertilizer.

Apply 4,000 lb/acre straw. Anchor straw by tacking with asphalt, netting, or a mulch anchoring tool. A disk with blades set nearly straight can be used as a mulch anchoring tool.

Refertilize if growth is not fully adequate. Reseed, refertilize and mulch immediately following erosion or other damage.

SUMMER SEASON

Seeding mixture

Rate (lb/acre)

German millet In the Piedmont and Mountains, a small-stemmed Sudangrass may be substituted at a rate of 50 lb/acre.

Seeding dates Mountains-May 15 - Aug. 15 Piedmont-May 1 - Aug. 15 Coastal Plain-Apr. 15 - Aug. 15

Follow recommendations of soil tests or apply 2,000 lb/acre ground agricultural limestone and 750 lb/acre 10-10-10 fertilizer.

Apply 4,000 lb/acre straw. Anchor straw by tacking with asphalt, netting, or a mulch anchoring tool. A disk with blades set nearly straight can be used as a mulch anchoring tool.

Refertilize if growth is not fully adequate. Reseed, refertilize and mulch immediately following erosion or other damage.

FALL SEASON

Seeding mixture Rate (lb/acre) Rye (grain) Seeding dates Mountains-Aug. 15 - Dec. 15 Coastal Plain and Piedmont-Aug. 15 - Dec. 30

Follow soil tests or apply 2,000 lb/acre ground agricultural limestone and 1,000 lb/acre 10-10-10 fertilizer.

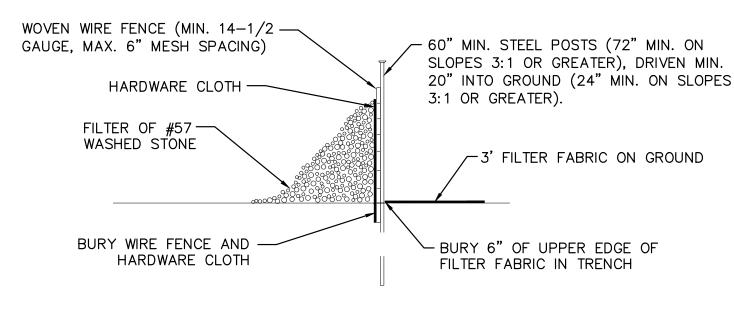
Apply 4,000 lb/acre straw. Anchor straw by tacking with asphalt, netting, or a mulch anchoring tool. A disk with blades set nearly straight can be used as a mulch anchoring tool.

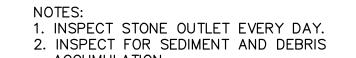
Repair and refertilize damaged areas immediately. Topdress with 50 lb/acre of nitrogen in March. If it is necessary to extent temporary cover beyond June 15, overseed with 50 lb/acre Kobe (Piedmont and Coastal Plain) or Korean (Mountains) lespedeza in late February or early March.

- 1. THE GC IS REQUIRED TO, AT A MINIMUM, INITIATE SOIL STABILIZATION MEASURES IMMEDIATELY WHENEVER ANY CLEARING, GRADING, EXCAVATING OR OTHER EARTH DISTURBING ACTIVITIES HAVE PERMANENTLY CEASED ON ANY PORTION OF THE SITE, OR TEMPORARILY CEASED ON ANY PORTION OF THE SITE AND WILL NOT LIKELY RESUME FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. DIVERSION CHANNELS/DITCHES SHALL BE STABILIZED WITHIN 7 DAYS OF INSTALLATION.
- 2. THE GC HAS 7 DAYS FROM INITIATION OF STABILIZATION TO COMPLETE SOIL PREPARATION, SEEDING, MULCHING, AND ANY OTHER REQUIRED ACTIVITIES RELATED TO THE PLANTING AND ESTABLISHMENT OF VEGETATION. THE GC ALSO HAS 7 DAYS FROM INITIATION OF STABILIZATION TO COMPLETELY INSTALL NON-VEGETATED MEASURES, IF UTILIZED.
- 3. ALL DISTURBED AREAS MUST BE STABILIZED TEMPORARILY WITH THE USE OF FAST-GERMINATING ANNUAL GRASS/GRAIN VARIETIES APPROPRIATE FOR SITE SOIL AND CLIMATE CONDITIONS. MULCH IS REQUIRED FOR ALL SEEDING APPLICATIONS, AND ALL MULCH APPLICATIONS MUST INCLUDE A SUITABLE FORM OF MULCH ANCHORING TO MINIMIZE MOVEMENT OF MULCH BY WIND OR WATER.
- 4. ALTERNATIVE STABILIZATION MEASURES TO SEEDING, SUCH AS ANCHORED MULCH APPLICATION (WITHOUT SEEDING), MAY BE UTILIZED DURING PERIODS WHEN VEGETATIVE GROWTH IS UNLIKELY (E.G. WINTER MONTHS).
- 5. IT IS NOT ACCEPTABLE TO ALLOW BARE SOIL TO REMAIN EXPOSED AT ANY TIME DURING THE YEAR, REGARDLESS OF WEATHER/TEMPERATURE/SITE CONDITIONS.
- 6. ALTERNATIVE STABILIZATION MEASURES INCLUDE, BUT ARE NOT LIMITED TO: ANCHORED STRAW/HAY MULCH, WOOD CELLULOSE FIBER MULCH, SPRAY-ON SOIL GLUES/BINDERS, AND ROLLED EROSION CONTROL PRODUCTS.
- 7. ALL ROLLED EROSION CONTROL PRODUCTS SHALL HAVE CURRENT QDOR(TM) STATUS ISSUED BY THE EROSION CONTROL TECHNOLOGY COUNCIL (ECTC) PLUS ANY STATE OR AGENCY-SPECIFIC REQUIREMENTS. EVIDENCE OF QDOR(TM) APPROVAL SHALL ACCOMPANY THE PRODUCT SHIPPED TO THE JOBSITE FOR READY IDENTIFICATION BY THE CONTRACTOR OR AGENCY INSPECTOR.
- 8. ROLLED EROSION CONTROL PRODUCTS (NETS, BLANKETS, TURF REINFORCED MATES) AND VEGETATED AREAS NOT MEETING REQUIRED VEGETATIVE DENSITIES FOR FINAL STABILIZATION MUST BE INSPECTED ONCE EVERY CALENDAR WEEK AND WITHIN 24 HOURS AFTER EACH RAINFALL EVENT THAT PRODUCES 1/2 INCH OR MORE OF PRECIPITATION. RILLING, RUTTING AND OTHER SIGNS OF EROSION INDICATE THE SPECIFIED EROSION CONTROL DEVICE IS NOT FUNCTIONING OR INSTALLED PROPERLY AND/OR ADDITIONAL EROSION CONTROL DEVICES ARE WARRANTED.

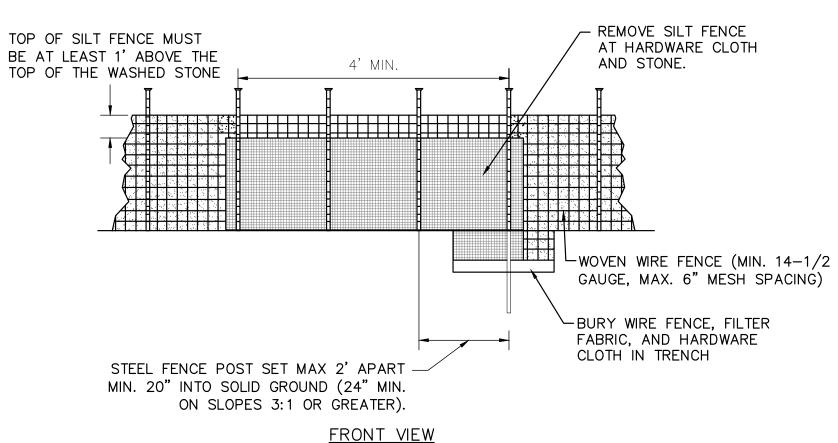
SEEDING NOTES



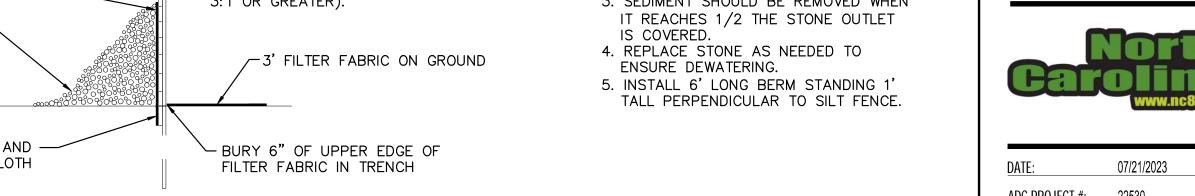




ACCUMULATION. 3. SEDIMENT SHOULD BE REMOVED WHEN



REINFORCED SILT FENCE OUTLET DETAIL NOT TO SCALE



ADC PROJECT #: 22530 DESIGNED: CHECKED: LKB REVISION:

25 WOODS LAKE ROAD, SUITE 21

GREENVILLE, SC 29607

ADCENGINEERING.COM

864-751-9121

NC COA #C-1572

AUCTION

AUTO

POINT

ROCKY

ROCKY POINT NORTH CAROLINA

117, arolin

S S S S

CIVIL DETAILS - EROSION CONTROL

PIPE SLOPE DRAIN

LEVEL SECTION

INSPECTION AND MAINTENANCE: 1. INSPECT PIPE SLOPE DRAIN INLET AND OUTLET POINTS EVERY CALENDAR WEEK AND WITHIN 24-HOURS AFTER EACH RAINFALL EVENT THAT PRODUCES 1/2-INCHES OR MORE OF PRECIPITATION.

→ 2-FT. MIN. ←

INLET PROTECTION —

2. THE INLET SHALL BE FREE FROM UNDERCUTTING, AND NO WATER SHOULD BE GOING AROUND THE POINT OF ENTRY. IF THERE ARE PROBLEMS, THE HEADWALL SHALL BE REINFORCED WITH COMPACTED EARTH OR SANDBAGS. THE OUTLET POINT SHALL BE FREE OF EROSION AND INSTALLED WITH APPROPRIATE OUTLET PROTECTION.

3. ALL TEMPORARY PIPE SLOPE DRAINS SHOULD BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY BMP IS NO LONGER NEEDED. DISTURBED SOIL AREAS RESULTING FROM REMOVAL SHOULD BE PERMANENTLY STABILIZED.

TYPICAL PIPE SLOPE DRAIN LAYOUT

<u>Plan</u>

SECTION 1-1

WIRE MESH-

GRATED INLET -

SEE NOTE 2

FINISHED GRADE-

AGGREGATE-

-AGGREGATE

GEOTEXTILE FABRIC FOR

-CONCRETE BLOCKS

→ FILTERED WATER

GRATED INLET

DRAINAGE AND FILTRATION

INSTALLATION NOTES:

2. HEIGHT OF BARRIER VARIES. USE STACKS OF 4", 8", OR 12" BLOCKS. MIN. HEIGHT OF BARRIER SHALL BE 12" AND MAX. HEIGHT SHALL BE 24"

3. PLACE HARDWARE CLOTH/WIRE MESH W/ MAX. 1/2" OPENINGS OVER VERTICAL FACE OF CONCRETE BLOCKS. 4. THE AGGREGATE SHALL BE 3/4"-2" ANGULAR

CLEAN STONE, WHICH WILL SLOW THE FLOW OF THE WATER AND ALLOW IT TO FILTER THROUGH AND OVER THE MATERIAL BEFORE ENTERING THE

### MAINTENANCE NOTES:

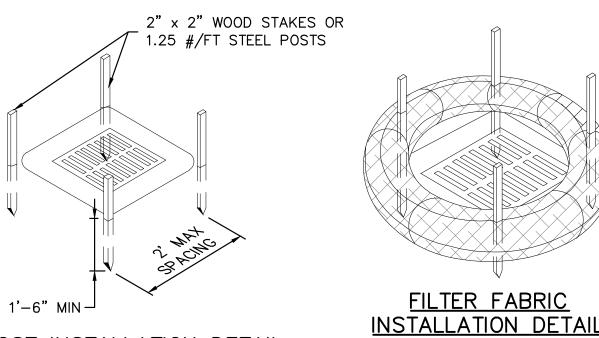
1. INLET PROTECTION DEVICES SHALL BE INSPECTED ONCE EVERY CALENDAR WEEK AND WITHIN 24 HOURS AFTER A RAIN EVENT THAT PRODUCES 1/2-INCH OR MORE OF

PRECIPITATION FOR SEDIMENT ACCUMULATION. 2. REMOVE SEDIMENT ACCUMULATED IN OR ADJACENT TO A STORM DRAIN INLET IMMEDIATELY UPON DISCOVERY, WITH COMPLETION OF THE ACTIVITY OCCURRING NO LATER THAN THE END OF THE FOLLOWING BUSINESS DAY.

3. INLET PROTECTION DEVICES SHALL BE INSPECTED FOR UNINTENDED BYPASS OR IMPROPER FLOW-RATES THAT MAY CAUSE DOWNSTREAM FLOODING

4. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING OR DETERIORATION.





# POST INSTALLATION DETAIL

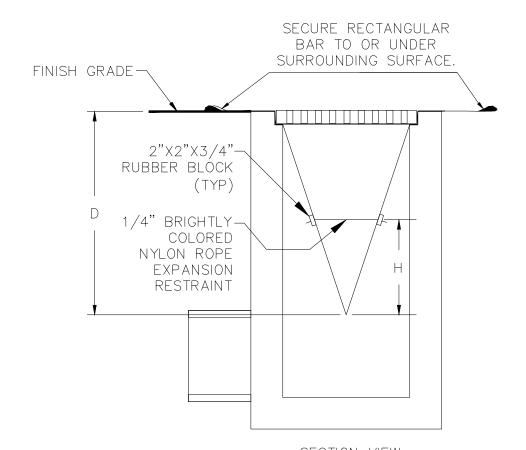
-18" TO 24" DIAMETER DIAMETER

TUBE DIAMETER -FILTER FABRIC BURIAL DETAIL



# FRAME TO HOLD-FILTER BAG IN PLACE -HOODED CURB INLET OPENING LOOPS SIZED FOR RECTANGULAR-BAR 2"X1/4". LIFT FILTER BAG FROM INLET USING RECTANGULAR BAR FOR HANDLES. OVERFLOW HOLES-GEOTEXTILE BAG-FOAM EXTENSION FOR HOODED CURB INLETS 1/4" BRIGHTLY COLORED NYLON-ROPE EXPANSION RESTRAINT LOOPS SIZED FOR 1" REBAR. USE-REBAR FOR A HANDLE TO EMPTY FILTER SACK AT A SEDIMENT COLLECTION LOCATION.

| GEOTEXTIL   | E SPECIFICATION TA  | BLE   |
|---|---|---|
| MODERATE TO HIGH FLOW (   | GEOTEXTILE FABRIC S   | SPECIFICATION TABLE   |
| PROPERTIES  | TEST METHOD   | UNITS   |
| GRAB TENSILE STRENGTH GRAB TENSILE ELONGATION PUNCTURE MULLEN BURST TRAPEZOID TEAR UV RESISTANCE APPARENT OPENING SIZE FLOW RATE PERMITTIVITY | ASTM D-4632<br>ASTM D-4632<br>ASTM D-4833<br>ASTM D-3786<br>ASTM D-4533<br>ASTM D-4355<br>ASTM D-4751<br>ASTM D-4491<br>ASTM D-4491 | 265 LBS 20 % 135 LBS 420 PSI 45 LBS 90 % 20 US SIEVE 200 GAL/MIN/SQ FT 1.5 SEC -1 |



SECTION VIEW (FILTER SACK INSTALLED)

### <u>NOTES:</u>

1. GEOTEXTILE SHALL BE A WOVEN POLYPROPYLENE FABRIC THAT MEETS OR EXCEEDS REQUIREMENTS IN THE SPECIFICATIONS TABLE.

- 2. PLACE AN OIL ABSORBENT PAD OR PILLOW OVER INLET GRATE WHEN OIL SPILLS ARE A CONCERN.
- 3. THE WIDTH, "W", OF THE FILTER SACK SHALL MATCH THE INSIDE WIDTH OF THE GRATED INLET BOX.
- 4. THE DEPTH, "D", OF THE FILTER SACK SHALL BE BETWEEN 18 INCHES AND 36 INCHES.
- 5. THE LENGTH, "L", OF THE FILTER SACK SHALL MATCH THE INSIDE LENGTH OF THE GRATED INLET BOX.

### MAINTENANCE NOTES:

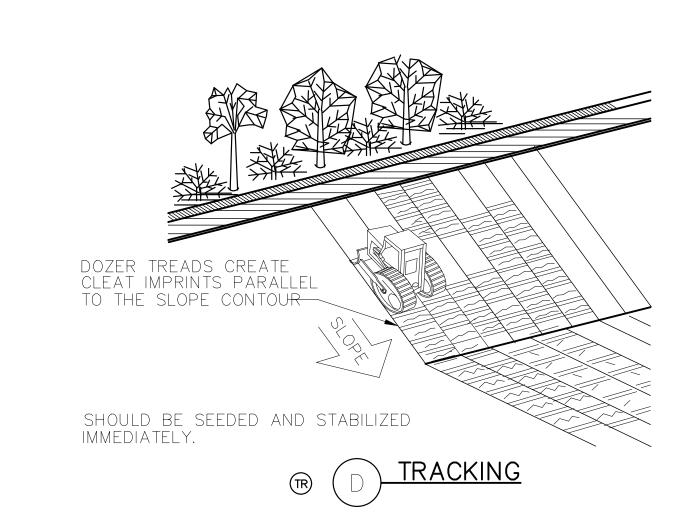
- 1. INSPECT INLET PROTECTION DEVICES ONCE EVERY CALENDAR WEEK AND WITHIN 24 HOURS OF A RAINFALL EVENT THAT PRODUCES 1/2-INCH OR MORE OF PRECIPITATION FOR SEDIMENT ACCUMULATION WITHIN THE CATCH BASIN. REMOVE TRAPPED SEDIMENT WHEN BRIGHTLY COLORED EXPANSION RESTRAINT CAN NO LONGER BE SEEN.
- 2. REMOVAL OF SEDIMENT ACCUMULATED IN OR ADJACENT TO A STORM DRAIN INLET MUST BEGIN IMMEDIATELY UPON DISCOVERY, WITH COMPLETION OF THE ACTIVITY OCCURRING NO LATER THAN THE END OF THE FOLLOWING BUSINESS DAY.
- 3. INLET PROTECTION DEVICES SHALL BE INSPECTED FOR UNINTENDED BYPASS OR IMPROPER FLOW-RATES THAT MAY CAUSE DOWNSTREAM FLOODING.
- 4. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING OR DETERIORATION.
- 5. PROVIDE FOAM FILTER FOR HOODED CURB INLETS AS SHOWN.

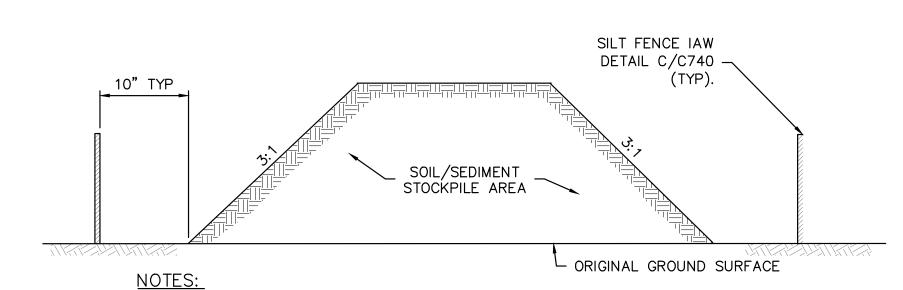
### **GENERAL NOTES:**

- 1. SEDIMENT TUBES ARE ELONGATED TUBES OF COMPACTED GEOTEXTILES, CURLED EXCELSIOR WOOD, NATURAL COCONUT FIBER, OR HARDWOOD MULCH, STRAW, PINE NEEDLE, AND LEAF MULCH-FILLED SEDIMENT TUBES ARE NOT PERMITTED.
- 2. THE OUTER NETTING OF THE SEDIMENT TUBE SHOULD CONSIST OF SEAMLESS, HIGH-DENSITY POLYETHYLENE PHOTO—DEGRADABLE MATERIALS TREATED WITH ULTRAVIOLET STABILIZERS OR A SEAMLESS, HIGH-DENSITY POLYETHYLENE NON-DEGRADABLE MATERIAL.
- 3. SEDIMENT TUBE DIAMETERS SHALL RANGE FROM 18" TO 24". SEDIMENT TUBES WITH SMALLER DIAMETERS ARE PROHIBITED WHEN USED AS INLET PROTECTION.
- 4. CURLED EXCELSIOR WOOD. OR NATURAL COCONUT PRODUCTS THAT ARE ROLLED UP TO CREATE A SEDIMENT TUBE ARE NOT ALLOWED.
- 5. SEDIMENT TUBES SHOULD BE STAKED USING WOODEN OAK STAKES (2" x 2") OR STEEL POSTS (STANDARD "U" OR "T" SECTIONS WITH A MINIMUM WEIGHT OF 1.25 POUNDS PER FOOT) AT A MINIMUM OF 48" IN LENGTH PLACE ON 2 FOOT CENTERS.
- 6. INSTALL ALL SEDIMENT TUBES TO ENSURE THAT NO GAPS EXIST BETWEEN THE SOIL AND THE BOTTOM OF THE TUBE. MANUFACTURER'S RECOMMENDATIONS SHOULD ALWAYS BE CONSULTED BEFORE INSTALLATION.
- 7. THE ENDS OF ADJACENT SEDIMENT TUBES SHOULD BE OVERLAPPED 6" TO PREVENT FLOW AND SEDIMENT FROM PASSING THROUGH THE FIELD JOINT.
- 8. SEDIMENT TUBES SHOULD NOT BE STACKED ON TOP OF ONE ANOTHER.
- 9. EACH SEDIMENT TUBE SHOULD BE INSTALLED IN A TRENCH WITH A DEPTH EQUAL TO 1/5 THE DIAMETER OF THE SEDIMENT TUBE.
- 10. INSTALL STAKES AT A DIAGONAL FACING INCOMING RUNOFF.

### INSPECTION AND MAINTENANCE:

- 1. THE KEY TO FUNCTIONAL INLET PROTECTION IS WEEKLY INSPECTIONS, ROUTING MAINTENANCE, AND REGULAR SEDIMENT REMOVAL.
- 2. REGULAR INSPECTIONS OF SEDIMENT TUBE INLET PROTECTION SHALL BE CONDUCTED ONCE EVERY CALENDAR WEEK AND, AS RECOMMENDED, WITHIN 24 HOURS AFTER EACH RAINFALL EVEN THAT PRODUCES 1/2" OR MORE OF PRECIPITATION.
- ATTENTION TO SEDIMENT ACCUMULATION IN FRONT OF THE SEDIMENT TUBE IS EXTREMELY IMPORTANT. ACCUMULATED SEDIMENT SHOULD BE CONTINUALLY MONITORED AND REMOVED WHEN NECESSARY.
- 4. REMOVE ACCUMULATED SEDIMENT WHEN IT REACHES 1/3 THE HEIGHT OF THE SEDIMENT TUBE. WHEN A SUMP IN INSTALLED IN FRONT OF THE INLET PROTECTION, SEDIMENT SHALL BE REMOVED WHEN IT FILLS APPROXIMATELY 1/3 THE DEPTH OF THE SUMP.
- REMOVED SEDIMENT SHALL BE PLACED IN STOCKPILE STORAGE AREAS OR SPREAD THINLY ACROSS DISTURBED AREA. STABILIZE THE REMOVED SEDIMENT AFTER IT IS RELOCATED.
- 6. LARGE DEBRIS, TRASH, AND LEAVES SHOULD BE REMOVED FROM IN FRONT OF TUBES WHEN FOUND.
- 7. INLET PROTECTION STRUCTURES SHOULD BE REMOVED AFTER THE DISTURBED AREAS ARE PERMANENTLY STABILIZED. REMOVE ALL CONSTRUCTION MATERIAL AND SEDIMENT, AND DISPOSE OF THEM PROPERLY. GRADE THE DISTURBED AREA TO THE ELEVATION OF THE DROP INLET STRUCTURE CREST. STABILIZE ALL BARE AREAS IMMEDIATELY.





- 1. SILT FENCE TO EXTEND AROUND ENTIRE PERIMETER OF STOCKPILE, OR IF STOCKPILE AREA IS LOCATED ON/NEAR A SLOPE THE SILT FENCE IS TO EXTEND ALONG CONTOURS OF THE DOWN-GRADIENT AREA.
- 2. IF STOCKPILE IS TO REMAIN FOR MORE THAN 14 DAYS, TEMPORARY STABILIZATION MEASURES MUST BE IMPLEMENTED.
- 3. SILT FENCE SHALL BE MAINTAINED UNTIL STOCKPILE AREA HAS EITHER BEEN REMOVED OR PERMANENTLY STABILIZED.
- 4. THE KEY TO FUNCTIONAL TEMPORARY STOCKPILE AREAS IS WEEKLY INSPECTIONS, ROUTINE MAINTENANCE, AND REGULAR SEDIMENT REMOVAL.

<u>TEMPORARY STOCKPILE AREA</u>

AUCTION AUTO POINT

S)

ROCKY

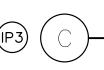
ROCKY POINT NORTH CAROLINA





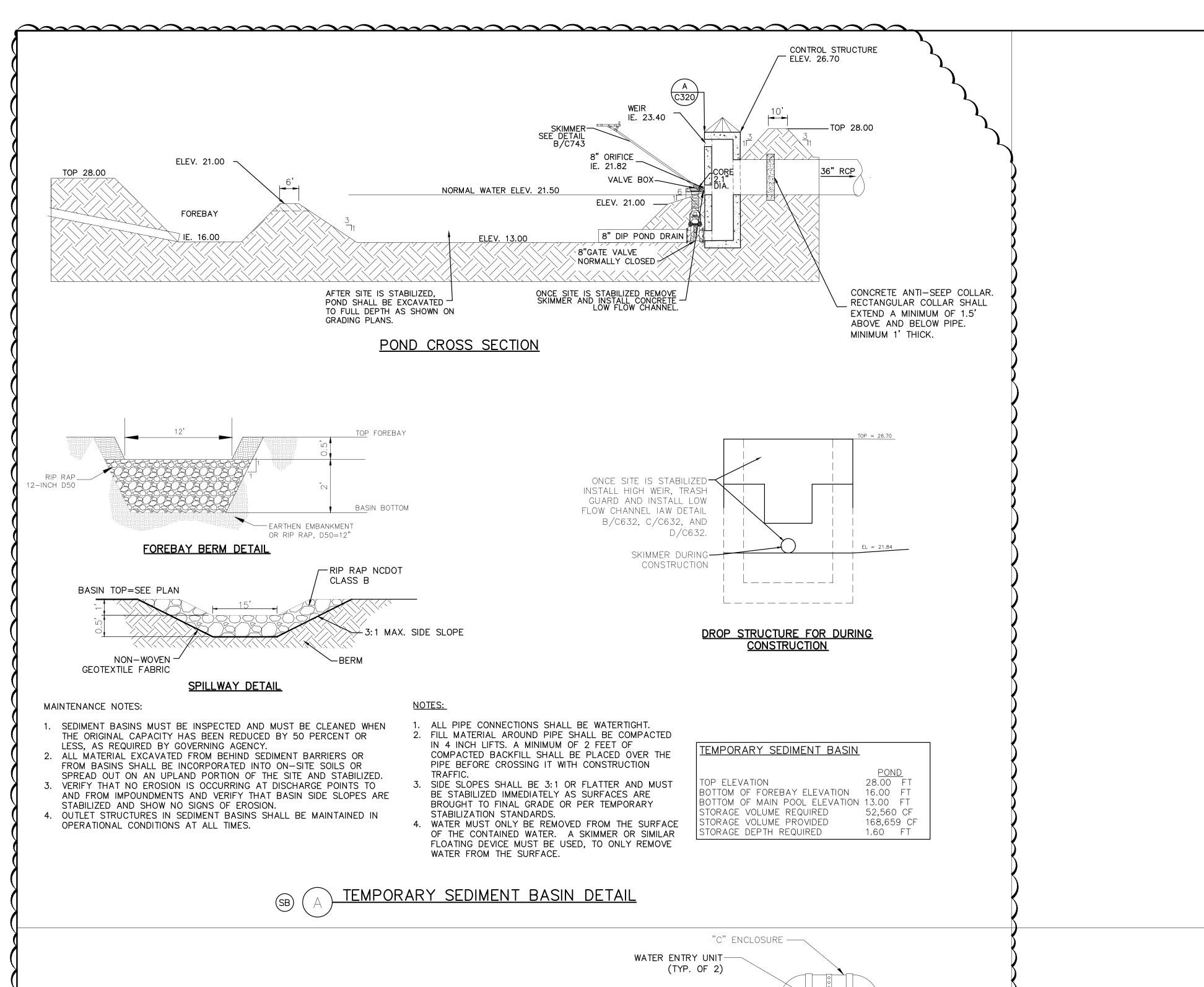
07/21/2023 ADC PROJECT #: 22530 DESIGNED: CHECKED: REVISION:

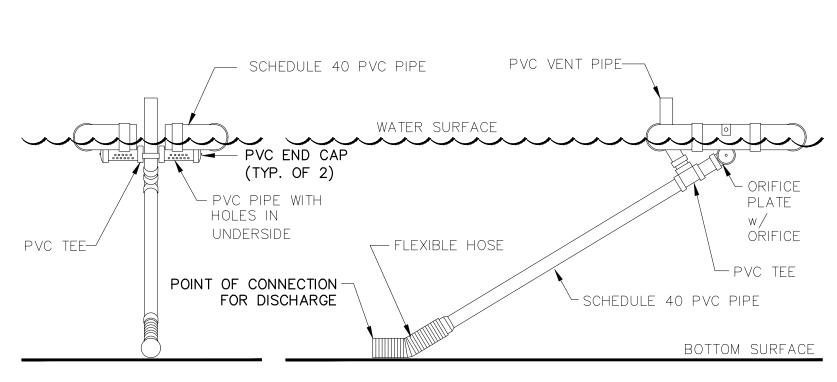
CIVIL DETAILS - EROSION CONTROL



ISOMETRIC VIEW

FILTER SACK INLET PROTECTION





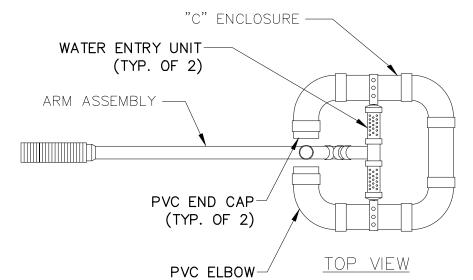
1. SKIMMER OR DEWATERING BMP MUST DRAW WATER FROM THE TOP OF THE WATER COLUMN (I.E., WATER SURFACE) PER US EPA CGP.

<u>end view</u>

2. DO NOT USE RISERS WITH PERFORATED PIPE OR ANY OTHER SYSTEM/BMP THAT DRAWS WATER FROM BELOW THE WATER SURFACE.

SKIMMER
(SEDIMENT BASIN)

<u>front view</u>



1. BASIS OF DESIGN IS A "8.0-INCH
FAIRCLOTH SKIMMER ." EQUIVALENT
SKIMMMER SHALL BE CAPABLE OF
FASTENING TO THE OUTLET STRUCTURE
WATERTIGHT AND DEWATERING AS FOLLOWS:
BASIN = 195,956 CF OF WATER OVER A

(TYP. OF 4)

NOTES:

2. IF SKIMMER IS COMMERCIALLY AVAILABLE, INSTALL, DEWATER, AND MAINTAIN PER MANUFACTURER'S SPECIFICATIONS.

2-5 DAY PERIOD WITH A TARGET OF 3

| LOW CAPA    | CITIES | (IN CL | J. FT.) F | OR TH  | E FAIRC | LOTH S  | KIMMER  | <b>7</b> ® |
|-------------|--------|--------|-----------|--------|---------|---------|---------|------------|
| kimmer size | 1.5"   | 2"     | 2.5"      | 3"     | 4"      | 5"      | 6"      | 8"         |
| 4 hours     | 1,728  | 3,283  | 6,234     | 9,774  | 20,109  | 32,832  | 51,840  | 97,978     |
| day         | 3,456  | 6,566  | 12,468    | 19,548 | 40,218  | 65,664  | 103,680 | 195,956    |
| day         | 5,184  | 9,849  | 18,702    | 29,322 | 60,327  | 98,496  | 155,520 | 293,934    |
| day         | 6,912  | 13,132 | 24,936    | 39,096 | 80,436  | 131,328 | 207,360 | 391,912    |
| day         | 8,640  | 16,415 | 31,170    | 48,870 | 100,545 | 164,160 | 259,200 | 489,890    |

10,368 19,698 37,404 58,644 120,654 196,992 311,040 587,868

12,096 22,981 43,638 68,418 140,763 229,824 362,880 685,846

S.O-INCH
EQUIVALENT
PABLE OF
ET STRUCTURE
ET STRUCTURE
ERING AS FOLLOWS:

GENERAL REVISIONS 08/08/2023

CIVIL DETAILS
- EROSION CONTROL

AUCTION

**ROCKY POINT** 

25 WOODS LAKE ROAD, SUITE 210

GREENVILLE, SC 29607

ADCENGINEERING.COM

864-751-9121

NC COA #C-1572

ADC PROJECT #: 22530

LKB

DESIGNED:

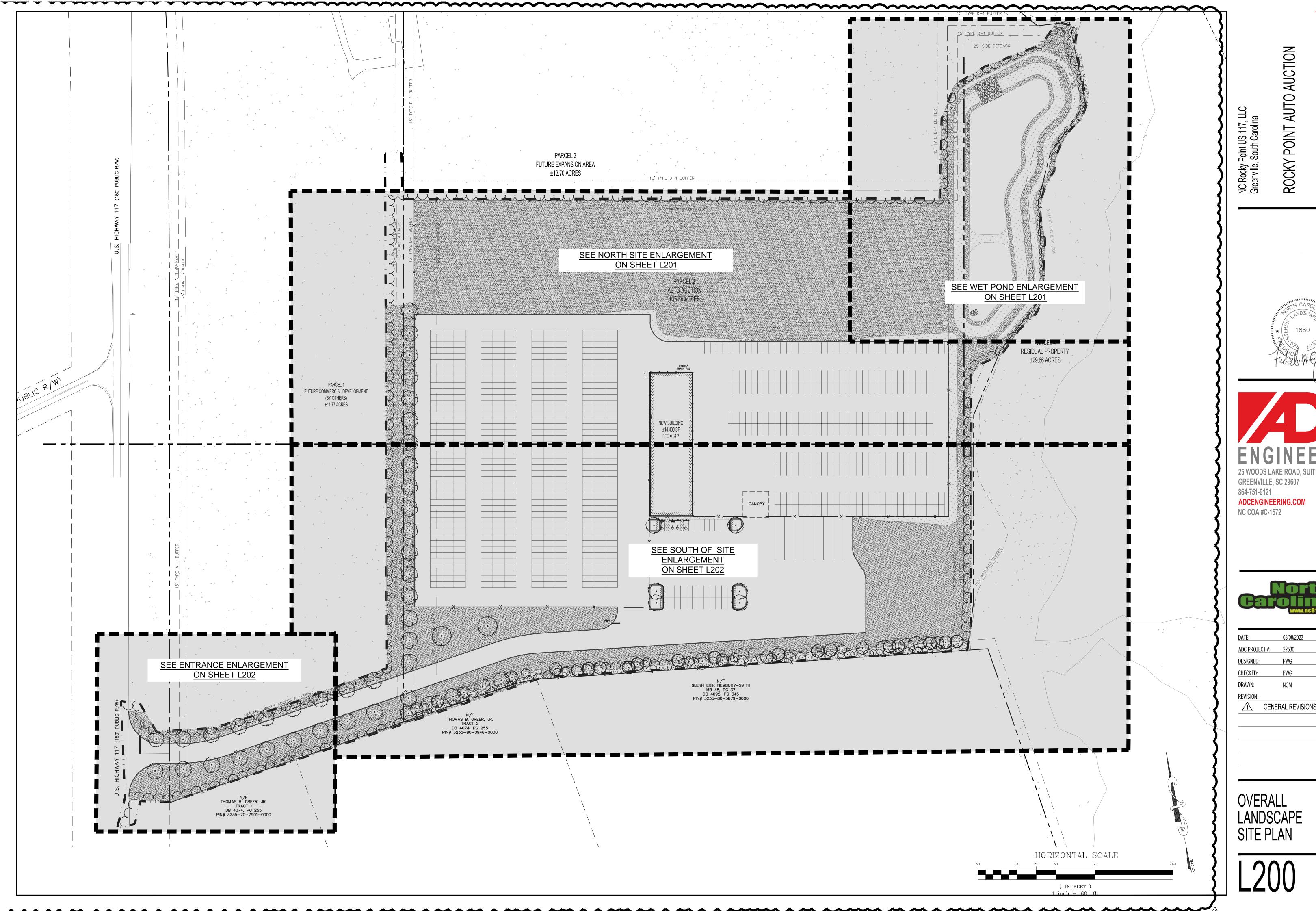
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DRAWN:

REVISION:

ROCKY POINT NORTH CAROLINA

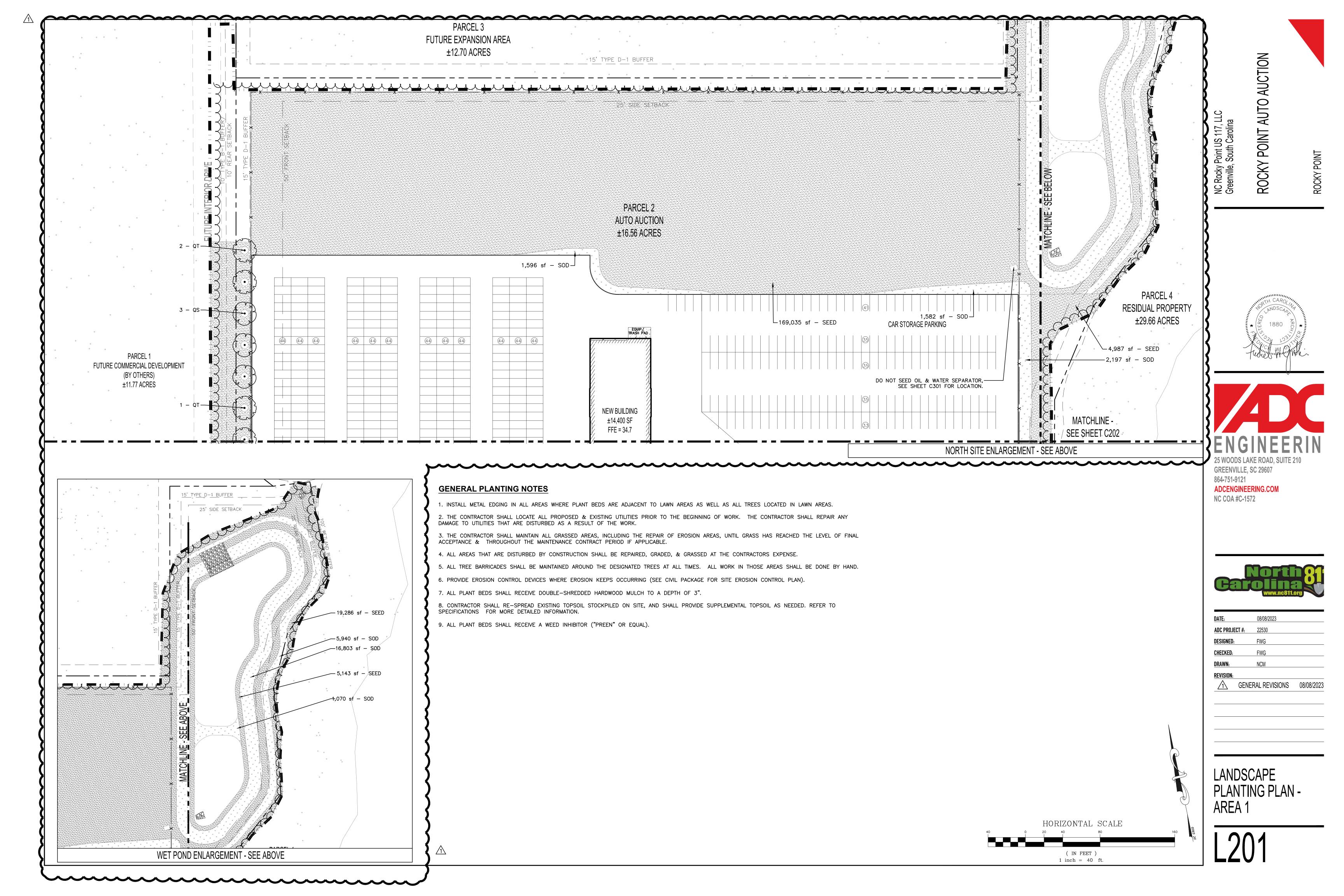
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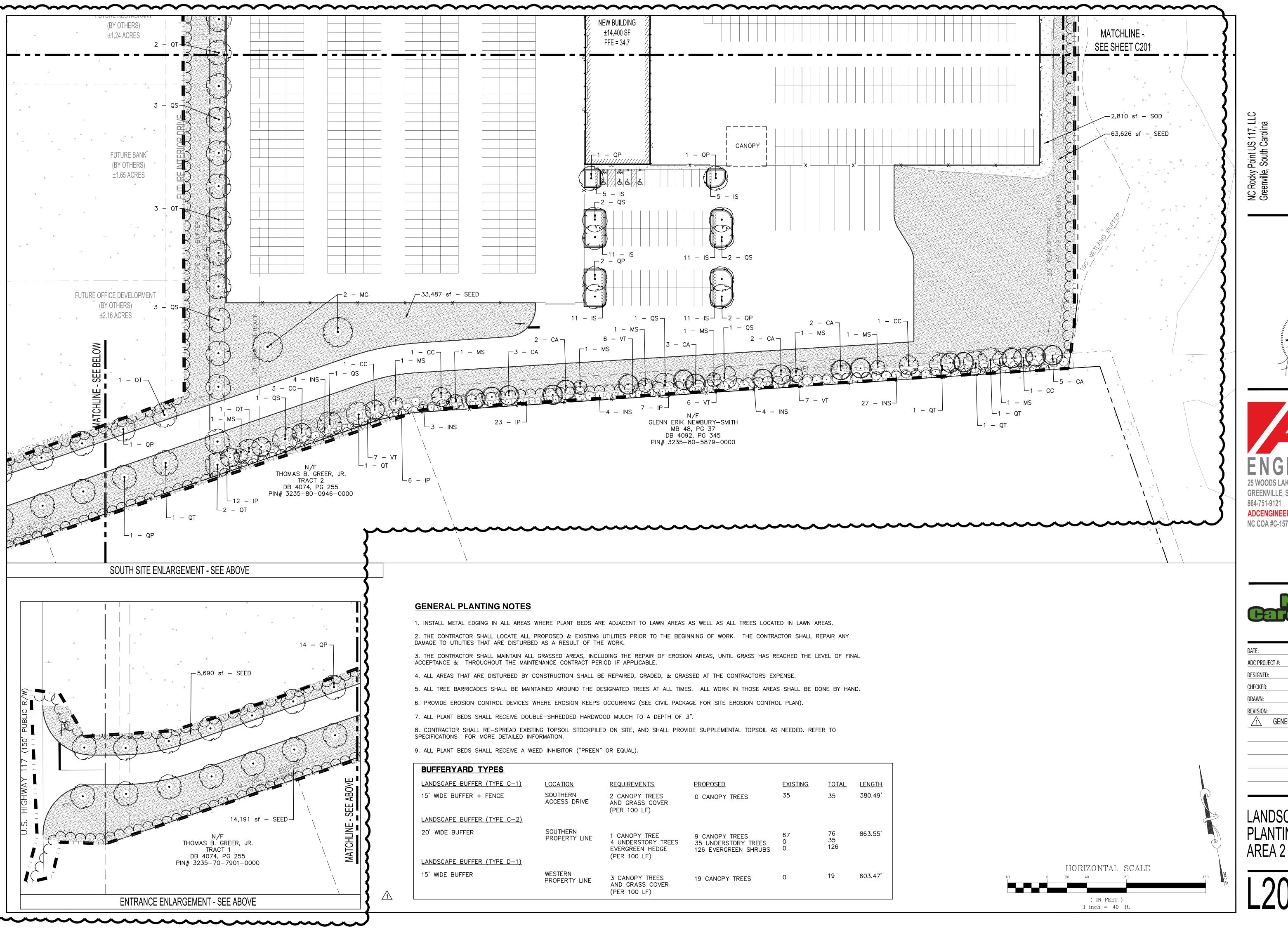






| DATE:       |        | 08/08/2023   |    |           |
|-------------|--------|--------------|----|-----------|
| ADC PROJE   | CCT #: | 22530        |    |           |
| DESIGNED:   |        | FWG          |    |           |
| CHECKED:    |        | FWG          |    |           |
| DRAWN:      |        | NCM          |    |           |
| REVISION:   |        |              |    |           |
| $\triangle$ | GENEF  | RAL REVISION | IS | 08/08/202 |
| -           |        |              |    |           |









| DATE:       | 08/08/2023        |            |
|-------------|-------------------|------------|
| ADC PROJE   | ECT #: 22530      |            |
| DESIGNED:   | FWG               |            |
| CHECKED:    | FWG               |            |
| DRAWN:      | NCM               |            |
| REVISION:   |                   |            |
| $\triangle$ | GENERAL REVISIONS | 08/08/2023 |

LANDSCAPE PLANTING PLAN -

## NO SCALE

### TREE PROTECTION

A.- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREVENTING DAMAGE TO EXISTING TREES LOCATED ALONG ACCESS AND HAUL ROADS, AND ADJACENT TO, OR WITHIN BUILDING CONSTRUCTION SITES AND MATERIAL AND EQUIPMENT STORAGE AREAS. THOSE TREES TO BE SAVED SHALL BE FLAGGED BY THE LANDSCAPE ARCHITECT PRIOR TO THE COMMENCEMENT OF CONSTRUC- TION.

**DETAIL - TREE PLANTING** 

B.— CONTRACTOR WILL PROVIDE NECESSARY BARRICADES AND FENCING SO AS TO DIVERT AND DIRECT VEHICULAR AND PEDESTRIAN TRAFFIC AWAY FROM TREES. THE BARRICADES AND FENCING TYPE SHALL BE AS SHOWN ON THE CIVIL CONSTRUCTION DOCUMENTS.

C.- MATERIALS SHALL NOT BE STORED, NOR VEHICLES PARKED WITHIN THE DRIP-LINE OF THE TREES UNLESS AUTHORIZED BY LANDSCAPE ARCHITECT OR OWNER.

D.- VEHICLES AND EQUIPMENT SHALL NOT BE DRIVEN OVER EXPOSED ROOTS AND ROADS SHALL NOT BE LOCATED WITHIN THE DRIP-LINE OF TREES UNLESS APPROVAL IS OBTAINED FROM THE LANDSCAPE ARCHITECT.

E.- ALL TREES INTENDED TO BE SAVED WHICH HAVE BEEN DAMAGED DUE TO CONSTRUCTION PRACTICES, SHALL BE INSPECTED AND TREATED BY A CERTIFIED ARBORIST AT THE CONTRACTOR'S EXPENSE.

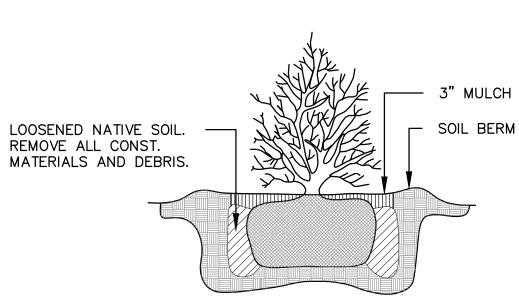
F.- NO CUTTING OR FILLING OF EXISTING GRADE, TRENCHING, OR PRUNING SHALL OCCUR UNLESS SPECIFICALLY DIRECTED BY THE CONSTRUC- TION DOCUMENTS, OR THE WRITTEN CONSENT OF THE LANDSCAPE ARCHITECT AND

G.- NO BURNING OF TRASH IS ALLOWED WITHIN 75' OF EXISTING TREES. CARE SHALL BE TAKEN TO PREVENT ANY SMOKE DAMAGE TO TREES.

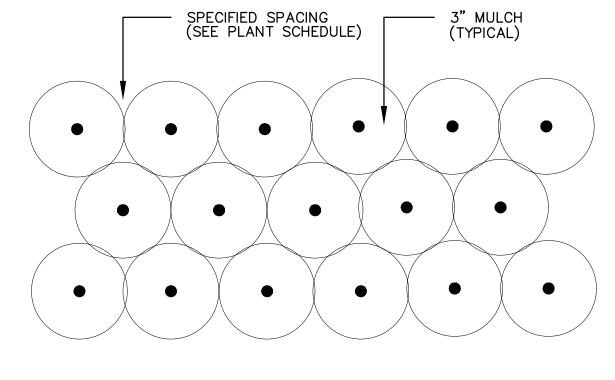
### **GENERAL NOTES**

- 1. THE CONTRACTOR IS ADVISED TO VISIT THE SITE AND VERIFY FIELD CONDITIONS.
- 2. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE BUILDING CODES. THE CONTRACTOR SHALL OBTAIN ALL LICENSES AND PERMITS REQUIRED FOR THE PERFORMANCE OF HIS WORK.
- 3. ALL PLANT BEDS SHALL BE MULCHED WITH A MINIMUM OF 3" MULCH. CONTRACTOR SHALL ASSURE POSITIVE DRAINAGE FROM NEW CONSTRUCTION.
- 4. QUANTITIES LISTED ARE AN ESTIMATE FOR THE CONTRACTOR'S CONVENIENCE. CONTRACTOR MUST VERIFY COUNT FROM PLAN. DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT. COMPENSATION BY OWNER SHALL NOT BE IN ORDER FOR MISCALCULATIONS. SUBSTITUTIONS WILL NOT BE PERMITTED WITHOUT WRITTEN APPROVAL OF LANDSCAPE ARCHITECT AND OWNER.
- 5. EXISTING ECOLOGY AND AESTHETICS WILL OFTEN CAUSE ADJUSTMENT OF THESE PLANS TO FIT SITE. STAKE OUT BY CONTRACTOR AND FIELD ADJUSTMENT BY LANDSCAPE ARCHITECT ARE ABSOLUTELY NECESSARY.
- 6. ALL PLANT MATERIAL SHALL BE GUARANTEED BY CONTRACTOR FOR A MINIMUM PERIOD OF ONE YEAR FROM DATE OF COMPLETION AND ACCEPTANCE BY OWNER.
- 7. THE LOCATION OF ALL ABOVE GROUND AND BELOW GROUND UTILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR. DAMAGE TO UTILITIES AND PERSONAL INJURY AS A RESULT OF THE FAILURE TO DETERMINE AND/OR RESPECT UTILITY LOCATIONS IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. UTILITY LOCATIONS ARE NOT SHOWN ON THESE PLANS.

PLANT SHALL BEAR SAME RELATIONSHIP TO FINISH GRADE AS IT BORE TO PREVIOUS EXISTING GRADE.



**DETAIL - SHRUB PLANTING** NO SCALE



PLANT SHALL BEAR SAME RELATIONSHIP TO FINISH GRADE AS IT BORE TO PREVIOUS EXISTING GRADE.

**DETAIL - GROUND COVER PLANTING** 

NO SCALE

### TREE MAINTENANCE

FERTILIZE THE DRIP-LINE OF ALL TREES WITH A BALANCED FERILIZER AT THE RATE OF 2 POUNDS OF NITROGEN PER 1000 SQUARE FEET. FERTIL- IZATION SHALL BE BY THE "DEEP ROOT FEEDING" METHOD AND SHALL BE APPLIED DURING SPRING AND FALL BY A CERTIFIED ARBORIST.

INSECT AND DISEASE CONTROL

ALL TREES SHALL BE INSPECTED ON A SEMI-ANNUAL BASIS FOR INSECT AND DISEASE INFESTATION. ANY NOTED INFESTATIONS SHALL BE TREATED WITH AN APPROVED PESTICIDE AS PER MANUFACTURER RECOMMENDATIONS.

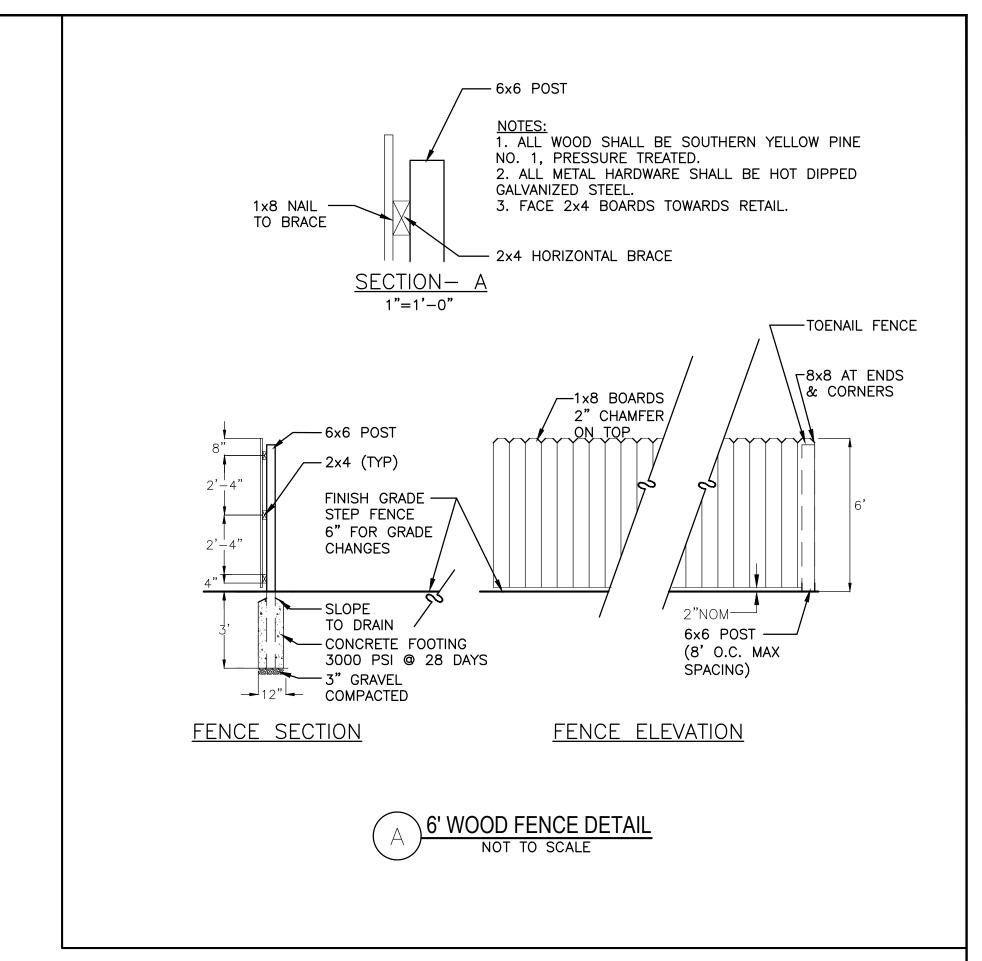
<u>PRUNING</u>
TREES SHALL BE INSPECTED YEARLY BY A CERTIFIED ARBORIST AND PROPERLY PRUNED AS REQUIRED. ALL WEAK GROWTH SHALL BE REMOVED. ALL BRANCHES OVER 1" DIAMETER SHALL BE REMOVED BY THE DOUBLE CUT METHOD AND TREATED AS NECESSARY TO PREVENT INFECTION. NEVER TOP OR SHEAR EXISTING TREES.

SOIL THE EXISTING SOIL SHALL BE TESTED AT REGULAR INTERVALS BY A QUALIFIED SOILS LABORATORY. SOIL AMENDMENTS SHALL BE ADDED AS DIRECTED BY THE LABORATORY TO ENSURE THE PROPER SOIL PH.

### **IRRIGATION NOTES**

- 1. THE CONTRACTOR IS ADVISED TO VISIT THE SITE AND VERIFY FIELD CONDITIONS.
- 2. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE BUILDING CODES. THE CONTRACTOR SHALL OBTAIN ALL LICENSES AND PERMITS REQUIRED FOR THE PERFORMANCE OF HIS WORK.
- 3. ALL PLANTED AREAS SHALL BE IRRIGATED BY AN AUTOMATIC LANDSCAPE IRRIGATION SYSTEM. SYSTEM SHALL BE DESIGNED BY IRRIGATION CONTRACTOR. SHOP DRAWINGS SHALL BE SUBMITTED TO LANDSCAPE ARCHITECT FOR APPROVAL
- 4. LANDSCAPE IRRIGATION SYSTEM SHALL BE INSTALLED ON SEPARATE WATER METER. IRRIGATION CONTRACTOR IS RESPONSIBLE FOR THE APPLICATION, PAYMENT OF NECESSARY FEES, AND COORDINATION OF METER INSTALLATION WITH LOCAL UTILITY AND GENERAL CONTRACTOR / OWNER. IRRIGATION CONTRACTOR SHALL COORDINATE THE INSTALLATION OF THE IRRIGATION SYSTEM WITH THE GENERAL CONTRACTOR.
- 5. PIPE SLEEVES SHALL BE INSTALLED BY IRRIGATION CONTRACTOR AS NECESSARY. COORDINATE WITH GENERAL CONTRACTOR.
- 6. IRRIGATION TIME CLOCK LOCATION SHALL BE COORDINATED WITH ARCHITECT AND IANDSCAPE ARCHITECT.
- 7. ALL CATEGORIES OF EQUIPMENT (E.G. VALVES, HEADS, ETC.) SHALL BE OF A SINGLE MANUFACTURER.
- 8. PROVIDE MINI-CLICK (OR APPROVED EQUAL) RAIN SENSOR AND INTEGRATE WITH CONTROLLER.
- 9. EXISTING ECOLOGY AND AESTHETICS WILL OFTEN CAUSE ADJUSTMENT OF THESE PLANS TO FIT SITE. STAKE OUT BY CONTRACTOR AND FIELD ADJUSTMENT ARE ABSOLUTELY NECESSARY.
- 10. IRRIGATION SYSTEM SHALL BE MAINTAINED AND GUARANTEED BY CONTRACTOR FOR A MINIMUM PERIOD OF ONE YEAR FROM DATE OF COMPLETION AND ACCEPTANCE BY OWNER.
- 11. THE LOCATION OF ALL ABOVE GROUND AND BELOW GROUND UTILITIES IS THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR. DAMAGE TO UTILITIES AND PERSONAL INJURY AS A RESULT OF THE FAILURE TO DETERMINE AND/OR RESPECT UTILITY LOCATIONS IS THE SOLE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR. UTILITY LOCATIONS ARE NOT SHOWN ON THESE PLANS.

12. CONTRACTOR SHALL PROVIDE 3 COPIES OF SYSTEM AS BUILTS TO OWNER UPON COMPLETION.



| ANOPY TREE                            | CODE | BOTANICAL / COMMON NAME  | CONTAINER | HEIGHT       | CALIPER     | QTY        |
|---------------------------------------|------|--|-----------|--------------|-------------|------------|
| •                                     | MG   | MAGNOLIA GRANDIFLORA / SOUTHERN MAGNOLIA   | CONTAINER | 15` MIN. HT. | 2" CAL.     | 2          |
| 3000                                  | QP   | QUERCUS PHELLOS / WILLOW OAK   | CONTAINER | 15` MIN. HT. | 2" CAL.     | 22         |
|                                       | QS   | QUERCUS SHUMARDII / SHUMARD OAK  | CONTAINER | 15` MIN. HT. | 2" CAL.     | 17         |
| 5000                                  | QT   | QUERCUS TEXANA / NUTTALL OAK   | CONTAINER | 15` MIN. HT. | 2" CAL.     | 17         |
| JNDERSTORY TREES                      | CODE | BOTANICAL / COMMON NAME  | CONTAINER | HEIGHT       | CALIPER     | QTY        |
| $\bigcirc$                            | CA   | CARPINUS CAROLINIANA / AMERICAN HORNBEAM   | CONTAINER | 4` MIN. HT.  | 1" CAL.     | 17         |
|                                       | CC   | CERCIS CANADENSIS 'FOREST PANSY' / EASTERN REDBUD  | CONTAINER | 4` MIN. HT.  | 1" CAL.     | 7          |
|                                       | MS   | MAGNOLIA VIRGINIANA / SWEETBAY MAGNOLIA  | CONTAINER | 4` MIN. HT.  | MULTI-TRUNK | 9          |
| SHRUBS                                | CODE | BOTANICAL / COMMON NAME  | CONTAINER | HEIGHT       | SPACING     | QTY        |
| $\odot$                               | IS   | ILEX CRENATA 'SOFT TOUCH' / SOFT TOUCH JAPANESE HOLLY  | 3 GAL.    | 18" MIN. HT. | @ 3` O.C.   | 54         |
| 32000                                 | INS  | ILEX X 'NELLIE R. STEVENS' / NELLIE STEVENS HOLLY  | CONTAINER | 18" MIN. HT. | @ 10` O.C.  | 42         |
| $\odot$                               | IP   | ILLICIUM PARVIFLORUM / ANISE TREE  | 3 GAL.    | 18" MIN. HT. | @ 6` O.C.   | 48         |
| $\odot$                               | VT   | VIBURNUM TINUS / LAURUSTINUS   | 3 GAL.    | 18" MIN. HT. | @ 6` O.C.   | 26         |
| GROUND COVERS                         | CODE | BOTANICAL / COMMON NAME  | CONTAINER | SIZE         | SPACING     | QTY        |
|                                       | SEED | CYNODON DACTYLON / BERMUDA GRASS SEED<br>APPROXIMATE AREA ONLY. LIMITS OF DISTURBANCE MAY<br>CHANGE. | HYDROSEED | SEED         | (           | 315,445 SF |
| * * * * * * * * * * * * * * * * * * * | SOD  | CYNODON DACTYLON / BERMUDA GRASS   | SOD       |              |             | 31,998 SF  |

LANDSCAPE PLANT MATERIAL SHALL BE #1QUALITY, AND MEET OR EXCEED ANLA STANDARDS. LANDSCAPE ARCHITECT SHALL REVIEW ALL PLANT MATERIAL PRIOR TO INSTALLATION, CONTACT LANDSCAPE ARCHITECT 48 HOURS PRIOR TO DELIVERY TO SCHEDULE PLANT REVIEW ON SITE. LANDSCAPE ARCHITECT/ OWNER RESERVES THE RIGHT TO REJECT AND PLANT MATERIAL DEEMED UNFIT AND DOES NOT MEET THE HIGHEST STANDARDS.

**AUTO AUCTION ROCKY POINT** 



GREENVILLE, SC 29607

ADCENGINEERING.COM

864-751-9121

NC COA #C-1572

ADC PROJECT #: DESIGNED: 

LANDSCAPE PLANTING DETAILS, SCHEDULE, & NOTES

# ADJACENT PROPERTY OWNERS LIST

| Freddy L. Brown             |                            | Post Office Box 453             | Rocky Point, NC 28457 |
|-----------------------------|----------------------------|---------------------------------|-----------------------|
| Freddy's Trading Post Inc.  |                            | Post Office Box 453             | Rocky Point, NC 28457 |
| Morelag LLC                 |                            | 123 Shipyard Boulevard          | Wilmington, NC 28412  |
| McDonald's Real Estate Co   |                            | One McDonald's Place            | Oak Brook, IL 60523   |
| Adams Farm Revocable Trust  | c/o Ronnie Lee Adams, Ttee | 105 Marshfield Drive            | Wilmington, NC 28411  |
| Speedway LLC                | c/o Real Estate Department | 2001 Tiffin Avenue              | Findlay, OH 45840     |
| Speedway LLC                | c/o Real Estate Department | 15720 Brixham Hill Avenue, #300 | Charlotte, NC 28277   |
| Speedway LLC                | c/o Real Estate Department | 3200 Hackberry Road             | Irving, TX 75063      |
| John T. Hale                |                            | Post Office Box 348             | Rocky Point, NC 28457 |
| Devonna Ann Mathis, Trustee |                            | 151 Carr Avenue                 | Rocky Point, NC 28457 |
| Carolyn Heirs Roberson      | c/o Alexander Roberson     | 13863 NC Hwy 210                | Rocky Point, NC 28457 |
| Richard A. Travers          |                            | 90 Carr Avenue                  | Rocky Point, NC 28457 |
| Walter R. Satchell          |                            | Post Office Box 966             | Rocky Point, NC 28457 |
| Arnold Wesley Porter        |                            | Post Office Box 248             | Rocky Point, NC 28457 |
| Thomas B. Greer, Jr.        |                            | 445 Lucas Avenue                | Rocky Point, NC 28457 |
| Glenn Erik Newbury Smith    |                            | 511 Lucas Avenue                | Rocky Point, NC 28457 |
| Robert J. Pearsall          |                            | Post Office Box 86              | Rocky Point, NC 28457 |
| Edith Lynette Tart          |                            | 600 Granger Street              | Wilmington, NC 28411  |
| JWC2 LLC                    |                            | 114 Hooker Road                 | Wilmington, NC 28403  |
| HVW Family Ventures LLC     |                            | 5704-101 Oleander Drive         | Wilmington, NC 28403  |