



P.O. BOX 10337 GOLDSBORO, N.C. 27532
PHONE 919-778-4525
FAX 919-778-6850

BID ADDENDUM 01

Project: ROSEWOOD MIDDLE SCHOOL PHASE #1

Date: August 29th, 2024

This ADDENDUM is to be a part of the contract documents and modifies and takes precedence over the original bid documents, as noted below and in any attached documents. Original items of the plans and specifications that have been modified, amended, voided, or suspended through previous addendums, shall remain in effect. It is the responsibility of the Bidder to notify and/or distribute this ADDENDUM to those sub-bidders who have received prints or digital files. The Bidder is to acknowledge receipt of this ADDENDUM in the space provided on the Bid Form.

General

1. As a reminder, sealed bids are to be **HAND DELIVERED** to the Wayne County Board of Education Office at **2001 Royall Ave. Goldsboro NC 27534** up to **3:00 PM** on **September 5th, 2024**.
2. All bidders **must use** the bid form within the scope package that they are bidding on. Any other form of submission may be grounds for disqualification.

Questions and Answers

1. **Is a civil cad file available?**
 - a. A civil cad file is attached as part of Addendum #01's documents.
2. **It looks like we are to submit the 02A – Building Demolition & Building Pad Construction proposal form, correct?**
 - a. Yes, all trades must use the bid form within the scope package they are bidding.
3. **Is a bid bond required and if so are we to name Daniels and Daniels as the obligee? Will an AIA bid form suffice?**
 - a. No bid bond is required. Please use the attached Addendum #01 scope sheets with the bid bond section removed.



4. **Are we to deliver the bids or can we email the bids. If we email, are we to send to you?**
 - a. Sealed bids are to be hand delivered to the Wayne County Board of Education Office at 2001 Royall Ave. Goldsboro NC 27534. An emailed bid submission will not be accepted.
5. **Are WBE forms required with the proposal?**
 - a. There are no MWBE forms required to be submitted with the bid. MWBE forms will be solicited upon award.
6. **Do you have an estimated budget available to share?**
 - a. There is currently no budget available for this phase of work.
7. **Are we supposed to include the 5' undercut for the building pad per the geotech report in base bid?**
 - a. No, the recommended undercut from the Geotechnical Report should be accounted for in the Unsuitable Soils Unit Price Allowances.

Attachments

1. **Scope Sheets**
 - i. 02A – Building Demolition and Building Pad Construction
 - ii. 23A – Mechanical Early Procurement
 - iii. 26A – Electrical Early Procurement
2. **Invitation to Bidders**
3. **Civil Cad File**
4. **Hazardous Materials Survey**
5. **CLH Documents**
 - i. **Civil Drawings**
 1. **C-0.00 Cover Sheet**
 2. **C-2.01 Existing Conditions & Demo Plan**
 3. **C-4.01 Erosion Control Plan – Ph.1**
 4. **C-4.02 Erosion Control Plan – Ph.2**
 5. **C-5.01 Site, Grading, & Utility Plan**
 6. **C-7.00 Erosion Control Details**
 7. **C-9.00 Utility & Strom Details**
 - ii. **CLH Civil Addendum Narrative**

END OF ADDENDUM 01



02A – Building Demolition and Building Pad Construction

To: Attn: Jeremiah Daniels, Project Executive

Project: **Rosewood Middle School – New/Renovated Middle School**

541 North Carolina 581 S, Goldsboro, NC 27530

From (Company Name): _____

(Address & Phone #):

Having carefully examined the site, the drawings, specifications and other documents, and in compliance with your "Invitation to Bid" and this "Bid Form", the undersigned proposes to furnish specified equipment as necessary for the construction of the New/Renovated Rosewood Middle School. All shall be in accordance with bid documents prepared by Davis Kane Architects.

The Bidder shall have bid and completed projects of comparable nature, size, complexity, and construction cost.

The scope of work is to include:

- **Permits and Bonds:**
 - Provide, obtain, and bear the cost of all permitting and bonds related to this scope.
- **Demolition Plan:**
 - Detailed demolition plan including sequence of activities.
 - Selective demolition of the precast sign on the 2-story building (Owner to retain)
 - Selective demolition of 1,000 sf of existing hardwood flooring to be used in Phase 2 construction.
 - Perform asphalt demolition as shown on the plans (Fill trenches in asphalt with suitable fill, compact, and provide a 6" lift of ABC.) All other asphalt demolition to be performed by site grading and paving contractor during phase 2.
 - Demolish all utilities as shown on the plans and fill and compact trenches with suitable soil back to existing grade.
- **Erosion Control:**
 - Provide, install, and maintain all erosion control measures as outlined on the construction documents for phase 1. Erosion control measures to be maintained and removed in phase 2 by phase 2 site contractor.

- **Safety Measures:**
 - Implement safety protocols and procedures.
 - Ensure protection of adjacent structures and areas.
 - Dust and debris control measures.
 - CM to provide and maintain temporary chain-link fence at perimeter of project site.
 - Provide traffic control as outlined in the construction documents.
- **Utilities:**
 - Coordinate and perform utility disconnects and demolition with utility service providers. (water, gas, electricity, etc.).
 - Provide and install new utilities as shown on construction documents.
- **Waste Management:**
 - Dispose of all demolition debris.
 - Recycling and salvage requirements.
 - Provide and execute a hazardous material abatement program. A supplemental hazardous materials survey is being conducted by the owner and will be provided via addendum.
- **Site Restoration:**
 - Post-demolition site cleaning and grading.
 - Perform undercut and compaction to bring building pad to grade.
 - Provide temporary pavement markings as outlined on the construction documents.

Specification Sections:

- Division 01
 - 01 21 00 Allowances
 - 01 22 00 Unit Prices
 - 01 32 00 Construction Progress Documentation
 - 01 32 33 Photographic Documentation
- Division 02
 - 02 41 16 Structure Demolition
- Division 31
 - 31 10 01 Site Preparation
 - 31 20 01 Earth Moving
 - 31 25 01 Erosion & Sediment Controls
- Division 32
 - 32 13 14 Concrete Paving
 - 32 31 14 Chain Link Fences and Gates
 - 32 90 11 Seeding
- Division 33
 - Site Sanitary Sewerage Utilities
 - Site Storm Drainage Utilities
- All other sections as they relate to the work within the prescribed scope of work.

Drawings Sheets

- All drawings as they pertain to the scope of work

Bidder shall anticipate:

- CM to provide a General Construction debris container. (Any special waste disposal shall be the responsibility of the subcontractor.) All debris and trash shall be removed from the workspace daily by the subcontractor.
- Subcontractor to provide all equipment, materials, labor, and storage required to complete their scope.
- The subcontractor shall be responsible for leaving the workspace in an organized and safe condition daily.
- Subcontractor shall inspect the workspace prior to beginning their scope. If unacceptable conditions are observed, it is the duty of the subcontractor to notify the CM's on-site management team. Any work performed over unacceptable conditions will be the responsibility of the installer to replace/repair.

The Bid Form must be completed in blue or black ink or by typewriter. The base bid amount shall be expressed in written and numerical form. Discrepancies in the multiplication of units of work, and the unit prices will be resolved in favor of the correct multiplication of the unit prices. Discrepancies between the indicated sum of any column of figures and the correct sum thereof will be resolved in favor of the correct sum.

Bid numbers shall be honored by the bidding party for no less than 60 days after bid submission.

~~All bids in excess of Five Hundred Thousand USD (\$500,000.00) will require a Bid Bond to be provided by the Subcontractor in the amount of 5% of the bid value.~~ **No bid bond required (Addendum 01)**

Base Bid (100% Turnkey, inclusive, but not limited to):

The Base bid, all Demolition, Utility, and Site work required by the Bid Documents, in strict accordance with the drawings and specifications for the Lump Sum of:

Dollars _____ \$ _____

Base Bid + Allowances (100% Turnkey, inclusive, but not limited to):

The Base Bid, all Demolition, Utility, and Site work required by the Bid Documents, in full compliance with the drawings and specifications, including the total of the Base Bid and all allowance items, for the Lump Sum of:

Dollars _____ \$ _____

Alternates (100% Turnkey, inclusive, but not limited to):

D&D Alternate #1 Payment and Performance Bond (100% bid value)– \$ _____

Note: If Payment and Performance Bond cannot be provided, enter “NA” in the line above

Unit Rates:

Item Description	Unit Rate
Q-1: Mass Rock removal and disposal off-site	\$ _____/CY
Q-2: Trench Rock removal and disposal off-site	\$ _____/CY
Q-3: Unsuitable Soils removal and disposal on-site	\$ _____/CY
Q-4: Unsuitable Soils removal and disposal off-site	\$ _____/CY
Q-5: Replacement of removed rock or unsuitable soils with on-site suitable soil in-place	\$ _____/CY
Q-6: Replacement of removed rock or unsuitable soils with off-site suitable soil in-place	\$ _____/CY
Q-7: Replacement of removed rock or unsuitable soils with Aggregate Base Course in-place	\$ _____/CY
Q-8: Replacement of removed rock or unsuitable soils with No.57 washed stone in-place	\$ _____/CY

Unit Rate Totals:

Item Description	Unit Rate	Estimated Quantity	Total Cost
Q-1: Mass Rock removal and disposal off-site	\$_____/CY	10 CY	\$_____
Q-2: Trench Rock removal and disposal off-site	\$_____/CY	10 CY	\$_____
Q-3: Unsuitable Soils removal and disposal on-site	\$_____/CY	200 CY	\$_____
Q-4: Unsuitable Soils removal and disposal off-site	\$_____/CY	10,000 CY	\$_____
Q-5: Replacement of removed rock or unsuitable soils with on-site suitable soil in-place	\$_____/CY	200 CY	\$_____
Q-6: Replacement of removed rock or unsuitable soils with off-site suitable soil in-place	\$_____/CY	8,000 CY	\$_____
Q-7: Replacement of removed rock or unsuitable soils with Aggregate Base Course in-place	\$_____/CY	500 CY	\$_____
Q-8: Replacement of removed rock or unsuitable soils with No.57 washed stone in-place	\$_____/CY	500 CY	\$_____

RECEIPT OF ADDENDA

We acknowledge the receipt of the following Addenda and Bulletins:

Addendum No. _____ Dated _____
 Addendum No. _____ Dated _____
 Addendum No. _____ Dated _____

TIME OF COMPLETION:

All Work shall be completed in accordance with the Construction Manager’s published progress schedule. Deviations from the construction progress schedule without prior written permission will be perceived as intentional delays of progress and will yield the responsible party subject to fines to cover the Construction Manager’s General Conditions for related time delays. Liquidated Damages: \$500 for each day for the first 10 days, \$1,000 for each subsequent day starting on the 11th day. All work shall be Substantially Complete within 90 days of the Notice To Proceed.

By bidding in response to this invitation, the bidder acknowledges that they have received, thoroughly reviewed, and accept the terms and conditions of the attached sample Subcontract Agreement as well as the sample D&D Procedural Manual.

By bidding in response to this invitation, the bidder represents that in the preparation and submission of this bid, said bidder did not, either directly or indirectly, enter into any combination or arrangement with any person, firm or corporation or enter into any agreement, participate in any collusion, or otherwise take any action in the restraint of free, competitive bidding in violation of the Sherman Act (15 U.S.C. Section 1) or North Carolina State Code.

Signature Page:

NAME OF BIDDER: _____

ADDRESS: _____

LICENSE #: _____

TAXPAYER NUMBER (TIN): _____

SIGNATURE: _____

NAME (print): _____

TITLE: _____

TELEPHONE: _____

E-MAIL: _____

FAX: _____

DATE: _____

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23A – Mechanical Equipment Procurement

To: Attn: Jeremiah Daniels, Project Executive

Project: **Rosewood Middle School – New/Renovated Middle School**

541 North Carolina 581 S, Goldsboro, NC 27530

From (Company Name): _____

(Address & Phone #):

Having carefully examined the site, the drawings, specifications and other documents, and in compliance with your "Invitation to Bid" and this "Bid Form", the undersigned proposes to furnish specified equipment as necessary for the construction of the New/Renovated Rosewood Middle School. All shall be in accordance with bid documents prepared by Davis Kane Architects.

The Bidder shall have bid and completed projects of comparable nature, size, complexity, and construction cost.

The scope of work is to include:

- **List of Items to be Procured:**
 - Major mechanical equipment and materials (chillers and air handlers only) required per the Mechanical Pre-Purchase Documents provided by Davis Kane Architects.
- **Specifications and Performance Requirements:**
 - Detailed specifications and performance requirements for each item.
- **Vendor Selection:**
 - Provide equipment by approved vendors and manufacturers as outlined in the Mechanical Pre-Purchase Documents provided by Davis Kane Architects.
- **Logistics and Delivery:**
 - Provide a timeline for procurement and delivery to the site.
 - Equipment to be stored on-site in CM provided storage unit.
 - Equipment to be received, inspected, and offloaded by subcontractor.
- **Coordination:**
 - Coordination with other subcontractors and project schedule.
 - Integration with overall project plan and milestones.
- **Quality Assurance:**

- Inspection and testing requirements for procured items.
- Warranty and maintenance documentation.

Drawings Sheets:

- All drawings as they pertain to the scope of work

Specification Sections:

- Division 01
- Division 23
 - 23 05 00 – Mechanical General Provisions
 - 23 05 11 – HVAC Electrical Provisions
 - 23 05 13 – HVAC Equipment Motors
 - 23 05 14 – Variable Speed Controllers
 - 23 34 00 – HVAC Fans
 - 23 64 26 – Air-Cooled Chillers
 - 23 72 00 – Air-to-Air Energy Recovery Equipment
 - 23 73 16 – Modular Air Handling Units
 - 23 82 16 – Air Coils

Drawings Sheets

- All drawings as they pertain to the scope of work

Bidder shall anticipate:

- Subcontractor to provide all equipment and material handling required to complete their scope.
- Subcontractor shall inspect the workspace prior to beginning their scope. If unacceptable conditions are observed, it is the duty of the subcontractor to notify the CM's on-site management team. Any work performed over unacceptable conditions will be the responsibility of the installer to replace/repair.

The Bid Form must be completed in blue or black ink or by typewriter. The base bid amount shall be expressed in written and numerical form. Discrepancies in the multiplication of units of work, and the unit prices will be resolved in favor of the correct multiplication of the unit prices. Discrepancies between the indicated sum of any column of figures and the correct sum thereof will be resolved in favor of the correct sum.

Bid numbers shall be honored by the bidding party for no less than 60 days after bid submission.

~~All bids in excess of Five Hundred Thousand USD (\$500,000.00) will require a Bid Bond to be provided by the Subcontractor in the amount of 5% of the bid value.~~ **No bid bond required (Addendum 01)**

Base Bid (Inclusive of, but not limited to):

The Base bid, all Phase 1 Early Procurement work required by the Bid Documents, in strict accordance with the drawings and specifications for the Lump Sum of:

Dollars _____ \$ _____

RECEIPT OF ADDENDA

We acknowledge the receipt of the following Addenda and Bulletins:

Addendum No. _____ Dated _____
Addendum No. _____ Dated _____
Addendum No. _____ Dated _____

TIME OF COMPLETION:

All Work shall be completed in accordance with the Construction Manager’s published progress schedule. Deviations from the construction progress schedule without prior written permission will be perceived as intentional delays of progress and will yield the responsible party subject to fines to cover the Construction Manager’s General Conditions for related time delays. All equipment submittals shall be provided for review within 21 days of receiving a Letter of Intent or Subcontract Agreement, whichever comes first.

By bidding in response to this invitation, the bidder acknowledges that they have received, thoroughly reviewed, and accept the terms and conditions of the attached sample Subcontract Agreement as well as the sample D&D Procedural Manual.

By bidding in response to this invitation, the bidder represents that in the preparation and submission of this bid, said bidder did not, either directly or indirectly, enter into any combination or arrangement with any person, firm or corporation or enter into any agreement, participate in any collusion, or otherwise take any action in the restraint of free, competitive bidding in violation of the Sherman Act (15 U.S.C. Section 1) or North Carolina State Code.

Signature Page:

NAME OF BIDDER: _____

ADDRESS: _____

LICENSE #: _____

TAXPAYER NUMBER (TIN): _____

SIGNATURE: _____

NAME (print): _____

TITLE: _____

TELEPHONE: _____

E-MAIL: _____

FAX: _____

DATE: _____

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26A – Electrical

To: Attn: Jeremiah Daniels, Project Executive

Project: **Rosewood Middle School – New/Renovated Middle School**

541 North Carolina 581 S, Goldsboro, NC 27530

From (Company Name): _____

(Address & Phone #):

Having carefully examined the site, the drawings, specifications and other documents, and in compliance with your "Invitation to Bid" and this "Bid Form", the undersigned proposes to furnish specified equipment as necessary for the construction of the New/Renovated Rosewood Middle School. All shall be in accordance with bid documents prepared by Davis Kane Architects.

The Bidder shall have bid and completed projects of comparable nature, size, complexity and construction cost.

The scope of work is to include:

- **List of Items to be Procured:**
 - Major electrical equipment and materials required per the Electrical Pre-Purchase Documents provided by Davis Kane Architects.
- **Specifications and Performance Requirements:**
 - Detailed specifications and performance requirements for each item.
- **Vendor Selection:**
 - Provide equipment by approved vendors and manufacturers as outlined in the Electrical Pre-Purchase Documents provided by Davis Kane Architects.
- **Logistics and Delivery:**
 - Provide a timeline for procurement and delivery to the site.
 - Equipment to be stored on-site in CM provided storage unit.
 - Equipment to be received, inspected, and offloaded by subcontractor.
- **Coordination:**
 - Coordination with other subcontractors and project schedule.
 - Integration with overall project plan and milestones.
- **Quality Assurance:**
 - Inspection and testing requirements for procured items.

- Warranty and maintenance documentation.

Specification Sections:

- Division 01
- Division 26
 - 26 01 00 – Electrical General Requirements
 - 26 05 71 – Power System Study
 - 26 22 00 – Dry-Type Transformers
 - 26 24 13 – Switchboards
 - 26 24 16 – Panelboards
 - 26 32 13 – Packaged Engine Generators
 - 26 36 00 – Transfer Switches

Drawings Sheets

- All drawings as they pertain to the scope of work

Bidder shall anticipate:

- Subcontractor to provide all equipment and material handling required to complete their scope.
- Subcontractor shall inspect the workspace prior to beginning their scope. If unacceptable conditions are observed, it is the duty of the subcontractor to notify the CM's on-site management team. Any work performed over unacceptable conditions will be the responsibility of the installer to replace/repair.

The Bid Form must be completed in blue or black ink or by typewriter. The base bid amount shall be expressed in written and numerical form. Discrepancies in the multiplication of units of work, and the unit prices will be resolved in favor of the correct multiplication of the unit prices. Discrepancies between the indicated sum of any column of figures and the correct sum thereof will be resolved in favor of the correct sum.

Bid numbers shall be honored by the bidding party for no less than 60 days after bid submission.

~~All bids in excess of Five Hundred Thousand USD (\$500,000.00) will require a Bid Bond to be provided by the Subcontractor in the amount of 5% of the bid value.~~ **No bid bond required (Addendum 01)**

Base Bid (Inclusive of, but not limited to):

The Base bid, all the Phase 1 Electrical Early Procurement work required by the Bid Documents, in strict accordance with the drawings and specifications for the Lump Sum of:

Dollars _____ \$ _____

RECEIPT OF ADDENDA

We acknowledge the receipt of the following Addenda and Bulletins:

Addendum No. _____ Dated _____

Addendum No. _____ Dated _____

Addendum No. _____ Dated _____

Addendum No. _____ Dated _____

Addendum No. _____ Dated _____

TIME OF COMPLETION:

All Work shall be completed in accordance with the Construction Manager’s published progress schedule. Deviations from the construction progress schedule without prior written permission will be perceived as intentional delays of progress and will yield the responsible party subject to fines to cover the Construction Manager’s General Conditions for related time delays. All equipment submittals shall be provided for review within 21 days of receiving a Letter of Intent or Subcontract Agreement, whichever comes first.

By bidding in response to this invitation, the bidder acknowledges that they have received, thoroughly reviewed, and accept the terms and conditions of the attached sample Subcontract Agreement as well as the sample D&D Procedural Manual.

By bidding in response to this invitation, the bidder represents that in the preparation and submission of this bid, said bidder did not, either directly or indirectly, enter into any combination or arrangement with any person, firm or corporation or enter into any agreement, participate in any collusion, or otherwise take any action in the restraint of free, competitive bidding in violation of the Sherman Act (15 U.S.C. Section 1) or North Carolina State Code.

Signature Page:

NAME OF BIDDER: _____

ADDRESS: _____

LICENSE #: _____

TAXPAYER NUMBER (TIN): _____

SIGNATURE: _____

NAME (print): _____

TITLE: _____

TELEPHONE: _____

E-MAIL: _____

FAX: _____

DATE: _____

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PURPOSE OF BID PACKAGE MANUAL

Daniels and Daniels Construction Company, Inc.'s Bid Package Manual serves to complement the drawings and specifications for this project and to assist in ensuring complete scope specific proposals can be assembled by all subcontractors. This manual is for the use of prequalified and invited subcontractors and vendors in submitting proposals to Daniels and Daniels Construction Company, Inc. (Construction Manager) for construction of the project.

It is critical that all Subcontractors and Vendors carefully review this manual in its entirety to ensure their compliance with the Proposal requirements.

DEFINITIONS

Throughout this Bid Package Manual, it shall be understood by all parties that the following definitions apply:

Contractor – Daniels and Daniels Construction Company, Inc. (Construction Manager)

Subcontractor - Subcontractors and Vendors

Furnish - to supply or give.

Install - to place, establish or fix in position.

Provide - To Furnish and Install

Bid Documents - This Bid Package Manual including the Drawings and Specifications listed herein.

Modifications to the Bid Documents will be made by Addendum.

CONTRACTING DOCUMENTS

A. LETTER OF INTENT

To expedite the work, the successful Subcontractors and Vendors for some/all of the Bid Packages may be issued letters of intent prior to issuance of their Subcontracts. Upon receipt of same, the Subcontractors or Vendors will proceed immediately with administrative work, including shop drawings, scheduling, project meetings, material procurement, submission of bonds and insurance certificates, and any other actions necessary to initiating the work to adhere to the project schedule requirements.

B. SUBCONTRACT

Daniels and Daniels Construction Company, Inc. was selected by the Owner and its representatives to serve as its Construction Manager for this project. Subcontractors and Vendors will enter into a contractual relationship with Daniels and Daniels Construction Company, Inc. not the Owner. The relationship will essentially be a typical Construction Manager - Subcontractor relationship. A copy of the Subcontract that Subcontractors will be required to execute and a copy of the Purchase Order each Vendor will be required to execute are included in this manual as Subcontractor Document Exhibits. After selection of a particular Subcontractor or Vendor, the following will be added to the attached Subcontract or Purchase Order: 1) defined scope of work, 2) Subcontract amount, 3) scheduling information, and 4) contract document list.

In submitting a Proposal, each Bidder affirms that the Bidder will execute the Subcontract without additions, deletions, or modifications to its content. Note that each Subcontractor and Vendor will be contractually bound to the Contractor. Subcontractor and Vendor obligations to the owner will be the same as those of the Contractor. Also note this Bid Package Manual and the separately issued project manual are intended to be complementary. In the event of conflicts between these documents, the most stringent, as determined by the Contractor, will take precedence.

The last two sentences in the paragraph above are intended to eliminate all opportunities for bidders to omit scope items from their bid because they have found an indication within the bidding documents that the same scope is to be by another entity. If any particular item is required by a bidder in either this Bid Package Manual, the Drawings, the Specifications, or any other supplemental bidding/ contracting document, then the bidder must include such scope in its bid whether another document states something to the contrary, for this is the most stringent interpretation.

All conflicts or contradictions found by bidders during their study of the documents should be reported to the Contractor prior to the deadline for questions as this is the only way such interpretive competitive advantages can be made level for all bidders.

At any time after the bid, should a conflict/contradiction in the documents exist between multiple Bidders resulting in double coverage, each Bidder involved will be required to provide a credit. The lowest credit will retain the scope within its contract and the higher credits will be taken by deductive change order.

C. SUBCONTRACTOR DOCUMENT EXHIBITS

Subcontractor Document Exhibits have been included at the end of this manual.

INVITATION TO BID

Project: Rosewood Middle School – Phase 1 Demolition and Equipment Procurement

Owner: Wayne County Public Schools Bid Date: 09/05/2024
Location: Goldsboro, NC Bid Time: 3 PM
Architect: Davis Kane Architects, P.A. Bid Location: 2001 E. Royall Ave.
Goldsboro, NC 27534

Bid Contact: Daniels and Daniels Construction Company, Inc.

Address: 178 NC Hwy 111 S
Goldsboro, NC 27534
Phone: 919-778-4525
Email: Estimating@danddcc.com

Project Description:

The phased project consists of the demolition, construction and renovation of an ~87,000 square foot educational facility. This phase of the project consists of abatement, demolition, new building pad, and MEP Equipment procurement scopes.

Subcontractor Qualification: The subcontractor must be able to demonstrate the ability to complete a job of this size and nature. Upon request, Daniels & Daniels Construction Co. and Wayne County Public Schools may solicit references and/or past performance.

Bid Opening: Proposals will only be received from qualified Subcontractors at the date, time and location shown above. Proposals will be opened publicly at 2001 E. Royall Ave. Goldsboro NC, 27534 on September 5th, 2024, at 3 PM.

Bid Documents: Each Bidder is responsible for reviewing the bid documents, including this Bid Package Manual, to ensure all applicable considerations are addressed when submitting a proposal.

Bid documents may be accessed through the subcontractor portal on the D&D website at the link below:
<https://www.danddcc.com/bidsets/rosewood-middle-school-phase-1/>

Proposals: Proposals for this project must be submitted in written form, using the provided bid scope package. All proposals must be received before the Bid Date and Time indicated above. No exceptions or deletions will be considered. Bid packages are to be bid in their entirety. If a Subcontractor wishes to bid on two (2) or more packages, then each package shall be bid separately and must be submitted in separate sealed envelopes at the bid opening.

Please refer to GENERAL SUMMARY OF WORK, section 2 under SCHEDULE, for LIQUIDATED DAMAGES.

Bid Guarantee: Each proposal must be held binding and may not be withdrawn for sixty (60) calendar days. ~~Bid security in the amount of five percent (5%) of the maximum amount of potential Subcontract award must accompany each proposal in excess of \$500,000, in the form of a bid bond or certified check only made payable unconditionally to the Contractor. The successful Bidder's security will be retained until he has signed the Subcontract Agreement and furnished all documentation required to be submitted with the executed Subcontract Agreement, which he must do within ten (10) days of a Notice of Acceptance. If the Bidder offered the Subcontract refuses to enter into the Subcontract Agreement, the Contractor may execute his bid security as liquidated damages but not as a penalty.~~

~~All bonds executed in connection with the project must be executed by an Attorney in Fact in the project state on behalf of a Surety Company licensed to do business in the project state.~~ **No bid bond required (Addendum 01)**

Selection Considerations: In that the bid documents do not represent a final set of contract documents for the entire project, the following outlines the procedures that will be employed to select the appropriate Subcontractors with whom to proceed. To be considered, Proposals must be made in accordance with these Selection Considerations:

1. Proposals must be prepared to be all encompassing so that all items of work necessary for a complete and functioning result for the trade area(s) involved will be included (even if not fully indicated on the bid documents).
2. Please recognize that Proposals will be analyzed to determine the appropriate Subcontractors with whom to proceed based upon the best price for the entire scope of work required (that indicated and that not indicated, but which the Bidder identifies as probably necessary) and in consideration of the demands of the construction schedule.
3. Although the Bid Package Scope Summaries are intended to designate all items of work anticipated, they are not necessarily all inclusive.

Notes:

“Scope of work” constitutes a change such as adding a sink where one was not previously shown and is not usually required for the function of the room in which it is located. “Scope of work” is not the addition of rough-in piping where a sink has been shown as piping would be required at the sink to provide a complete and functional system and should be accounted for by the bidding contractor.

Any and all provisions that are necessary beyond those indicated in the bid documents must be consistent with the spirit and intent of what is included in the bid documents, industry practice for this locale, and the requirements of the prevailing jurisdictions.

Award of Contracts: The Owner and the Contractor reserve the right to reject any or all bids, to waive informalities in the bids received, to request further information or clarification as required to enable a complete and fair comparison of bids, and to accept any bid which, in their opinion, may be in the best interest of the Owner and the Project.

Bid breakdown forms in the specific summaries of work should be submitted with the bid proposal. The apparent low Bidders for each package will be contacted as soon as possible after the opening of bids, to attend a Proposal review with the Contractor and the designers. The method of award will be based upon the base bid, selected alternates and any additional consideration that may be appropriate. Combination bids for two (2) or more packages may be submitted only if submitted as individual bids for each package.

INVITATION TO BID AND INSTRUCTIONS TO BIDDERS

All Subcontractors are hereby notified that they must have proper license as required under the project's state laws governing their respective trades.

MWBE Participation:

In support of the Wayne County Public School System diversity and inclusion efforts, Daniels and Daniels Construction Company, Inc. is committed to creating an environment of inclusion that affords small, minority, and women-owned businesses equal access to the economic opportunities that sustain our community. Small, minority, and women-owned businesses are encouraged to participate. Guidelines established in the North Carolina General Statutes and good faith efforts will be followed. Wayne County has a ten percent (10%) MWBE participation goal.

Interpretation of Documents: Oral interpretations as to the meaning of the bid documents will not be made to any Bidder. Every request for such an interpretation must be made in writing and emailed to the Contractor (estimating@danddcc.com) by close of business on 8/23/2024. Every interpretation made for the Bidder will be in the form of addendum to the bid documents, which will be sent as promptly as is practicable to all persons to whom the bid documents have been issued. All such addenda will become part of the bid documents.

All Unit Prices and Allowances included in each Bid Package's base bid are to include all associated costs, such as installation, taxes, delivery, overhead, and profit, as required by the specifications. The costs for allowances are part of the Contract Sum and should not be adjusted if the actual allowance usage exceeds or falls short of the estimated amount. Any remaining, unused allowances at Project Closeout shall be credited back to the Owner.

Written approval from the Contractor is required before any Subcontractors can proceed with work to be paid from allowance funds. Allowances are for Work beyond what is shown in the Contract Documents. The full requirements of the Contract Documents apply to the applicable Work described in the Schedule of Allowances.

Insurance Requirements: The Contractor's Subcontractor Insurance Requirements are included in the D&D Procedural Manual under "Insurance and Bonds".

Voluntary Substitutions: To obtain approval to use alternatives to the specified products, Bidders must submit written requests to the Architect through the Contractor at least ten (10) calendar days before the bid date/time. Requests received after this time will not be considered. Requests must clearly describe the product for which approval is asked, including all data necessary to demonstrate acceptability. If the substitution is acceptable, an addendum will be issued so stating.

Necessary Substitutions: Each Bidder is expected to know the market status of products related to its work. Should a specified product become obsolete, discontinued, or otherwise unavailable prior to the bid, the Bidder has the responsibility to either A.) Make this known to the Contractor via written notification at least ten (10) days prior to the bid so that an addendum may be issued, or B.) Include within its bid, the value necessary to cover substitution with the highest quality alternative which at a minimum meets the spirit and intent of the design for use, function, and aesthetics. (If notice given by a bidder in action "A" above fails to result in an addendum, then Bidders shall proceed with action "B").

Sales Tax: Sales Tax is to be included in the proposal. The sales tax for this project may include rates for State, County, and City.

GENERAL SUMMARY OF WORK

The following items are applicable to all Subcontractors.

1 **PROJECT WORKING HOURS:**

Regular working hours are Monday through Friday from 7:00 A.M. to 5:00 P.M. ET. Hours will be extended when necessary to maintain the project schedule or as dictated by construction sequence. Extended or alternate work hours will only be permitted with prior approval from the Contractor. Extended working hours and weekend work will be permitted to tiered subcontractors on the condition that supervision by the contractor with whom D&D has entered a contract is present for the duration of their extended stay.

2 **SCHEDULE:**

Durations, logic, timing, and sequencing of activities shown in the schedule are subject to change as the schedule is further developed. Subcontractor shall cooperate with Contractor in providing information relative to the further development of the schedule.

2.1 **CONSTRUCTION SCHEDULE:**

DESCRIPTION: The Contractor may assemble and manage a project Critical Path Method (CPM) Schedule of Work in a computerized precedence network format throughout the project. The project schedule will be reviewed and updated for the duration of the project and will be utilized for scheduling and monitoring the progress of the work.

The overall construction schedule is Three (3) months from Notice To Proceed.

2.2 **CONTENT OF SCHEDULE:**

CONSTRUCTION OF SCHEDULE: Within ten (10) calendar days after the award of subcontract all Subcontractors will attend a schedule set-up meeting to be conducted and chaired by the Contractor. The purpose of the meeting is to review the Preliminary Schedule (from the bid documents) and begin developing the Schedule of Work. During the preliminary meeting, each Subcontractor will provide information detailing a plan to complete the work within the milestone and completion dates required by the drawings and specifications. During subsequent schedule set-up meetings, as required, the Subcontractors will provide information detailing and describing all construction and procurement activities required to complete the work. Information to be supplied by the Subcontractors will include, but not be limited to, the following:

- Procurement activities to include submittals, approvals, fabrication and delivery of all key and long-lead items.
- All construction activities to be accomplished during the project to be properly sequenced and coordinated with the elements of the work.

The Contractor may use the Subcontractor's information provided in Section 1.3a(1) to determine the Schedule of Work.

2.3 **UPDATE CONSTRUCTION SCHEDULE:**

The Contractor may update the Schedule of Work as needed and Subcontractor is obligated to attend any meetings. It is the responsibility of the Subcontractors to ensure that the update of the Construction Schedule reflects the actual status of the work and a reasonable plan for future progress according to actual circumstances of the project.

Should the Subcontractor delay the project through deviations from project path, durations, etc., then the Subcontractor will be responsible to cover damages caused by such delays, and for any additional costs incurred.

Within thirty (30) calendar days of receipt of a Notice to Proceed or a Subcontract, provide to the Contractor a complete list of all Second Tier Subcontractors and Vendors that you intend to use on this

GENERAL SUMMARY OF WORK

project. This list must be submitted and approved by the Contractor prior to submitting an application for payment.

2.4 **LIQUIDATED DAMAGES:**

Liquidated damages will be \$500 per day for the first 10 days, and \$1,000 for each subsequent day starting on the 11th day.

3 **SUPERVISION:**

All Bid Package Subcontractors will provide qualified, full-time superintendents acceptable to the Contractor and the Owner. At a minimum, a full-time superintendent must be in attendance whenever the Subcontractor has forces on site. Superintendent will not be removed from this project unless he/she ceases to be employed or approval is given by the Contractor.

Each Subcontractor's superintendent will be required to coordinate the performance of the work with the superintendents of other Subcontractors. Attendance at the jobsite, coordination, progress, and situational meetings by all Subcontractor superintendents and project managers is mandatory unless stipulated otherwise by the Contractor.

The superintendent will be responsible to submit daily field reports to the Contractor by 8:00 A.M. each day of work that is performed on the previous day. The sample Daily Construction Report is included in Subcontractor Document Exhibits and contains the minimum information required to be reported each day.

Subcontractors are not allowed on site unless a representative of the Contractor is on site. When a Subcontractor desires to work weekends or extended hours, it must be approved in advance by the Contractor. Tier Subcontractors are not allowed on site unless the appropriate Subcontractor's superintendent is on site.

Each superintendent must check in at least twice a day with the Contractor's Project Superintendent.

3.1 **JOB PROGRESS MEETINGS:**

Job progress meetings will be held each week at the Contractor's field office. Attendance by each Subcontractor working on site is mandatory. Subcontractor project managers are required to attend at least one (1) meeting per month. Subcontractor superintendents must attend every meeting.

4 **TEMPORARY FACILITIES, TEMPORARY FIELD OFFICE AND STORAGE TRAILERS:**

Each Subcontractor is responsible for providing and paying all their own costs associated with their temporary office and onsite storage. Quantity and location is subject to approval by the Contractor. Storage inside the building will not be allowed. Approval from the Contractor will be required for use of any space for storage. All Subcontractors should include cost for storage trailers as needed for their use.

4.1 **CONSTRUCTION FENCE AND PEDESTRIAN PROTECTION:**

The Fencing Subcontractor will provide Temporary Construction Fencing and Pedestrian Protection.

5 **SANITARY FACILITIES:**

The Contractor will provide temporary sanitary facilities.

5.1 **DRINKING WATER:**

All Subcontractors must provide their own drinking water, ice and cups.

GENERAL SUMMARY OF WORK

6 UTILITY CONSUMPTION CHARGES:

Daniels and Daniels will pay all power and water usage charges for this project; however, abuse of utility usage by any Subcontractor will not be tolerated.

7 TEMPORARY STORAGE AND PARKING:

Each Subcontractor is required to make and pay for whatever provisions are necessary for their storage facilities. All Subcontractors will utilize only the areas directed by the Contractor. Parking and storage outside of designated areas is strictly prohibited, unless given prior approval from the Contractor.

8 SECURITY:

Each Subcontractor is responsible for security of its personnel, materials and equipment.

9 TEMPORARY FIRE PROTECTION:

Each Subcontractor will furnish and maintain temporary fire protection.

10 FIELD ENGINEERING:

All layout work for each scope of work is to be provided by the Subcontractors. As-Built drawings shall be provided with any changes.

11 HOISTING:

Each Subcontractor is required to provide its own equipment and qualified operator(s).

12 SEALING AND CAULKING:

All Subcontractors are responsible for sealing (fire, smoke, acoustical, sound caulking, etc.) their penetrations, new and existing.

13 CUTTING AND PATCHING:

13.1 CUTTING AND CORING:

Subcontractors will coordinate all openings with Contractor prior to starting any operation.
Subcontractors will provide their own cutting, coring, and patching as it pertains to their work.
Subcontractors will furnish and install all miscellaneous steel/sleeve required at their openings.
Subcontractors shall dispose of any waste generated from cutting and patching by proper means.

14 SUBMITTALS/SHOP DRAWINGS:

Subcontractors and Vendors must prepare all submittals to the Contractor as required by and noted in the bid documents. Submittals must begin after receipt of a Subcontract or Letter of Intent from the Contractor and may be processed electronically.

Submittals must be completed in time to allow for a minimum of four (4) weeks for the Contractor and Architect to review and return to the Subcontractor or Vendor without affecting the construction schedule. The Contractor shall not be responsible for delays in submittals, as well as continuous re-submittals, caused by Subcontractors/Vendors.

Subcontractor must make all corrections indicated on the submittal and furnish corrected shop drawings noted "FIELD USE".

15 WARRANTIES:

Warranties begin on the date of Substantial Completion.

16 COMMUNICATION AND ELECTRONIC DOCUMENT ACCESS:

All Subcontractors will provide their superintendents with phones, tablets, and computers along with proper training to utilize these tools. These tools will be used throughout the project. Project Superintendent will have the capabilities and knowledge to address and review all submittal documentation and contract

GENERAL SUMMARY OF WORK

documents on a web based system.

Construction documents will be accessed digitally through software maintained by the Contractor. At a minimum, the primary field supervisor (per company) is required to have a tablet device (iPad2 or later, iPad mini) in order to access the current project documents. The device must have a cellular data service by a cellular provider. Software training can be provided as needed.

17 CLEAN-UP:

In all divisions of work, each Subcontractor is to provide their own daily clean-up. Daily clean-up is required and considered a continuous operation. Please refer to the Bid Package(s) for additional information on clean up and debris removal requirements.

If any Subcontractor fails to clean-up as directed by the Contractor within twenty-four (24) hours of verbal or written notification, the Contractor will hire a cleaning Subcontractor to complete the clean-up and the cost, plus appropriate mark-up, will be back charged to the Subcontractor.

17.1 FINAL CLEANING:

The final cleaning will be coordinated by the Contractor.

18 PERMITS AND FEES:

The overall construction building permit will be furnished by the Contractor. All other fees and/or permits required by any/all jurisdictions for the work required by each Bid Package are to be included in the respective Proposals.

19 PAYMENT AND PERFORMANCE BONDS:

Please provide alternate pricing for Payment and Performance bonds (100% of the bid value) on the scope bid package form.

GENERAL SUMMARY OF WORK

20 SCHEDULE OF VALUES:

Schedule of Values to be submitted for within thirty (30) days of receipt of a letter of intent or Subcontract Agreement, whichever comes first.

The Schedule of Values must contain a line item for on-site project overhead, daily clean-up, temporary facilities, and coordination drawings.

Payments due to the Subcontractor that are unpaid for more than thirty (30) days from the due date of the Subcontractor's invoice shall bear interest at the annual rate of ZERO PERCENT (0%) from the due date, compounded monthly.

20.1 For the Subcontractor involved (which includes any packages bid by and awarded to the Subcontractor), for any work performed by his own forces, mark-up will be as described in the AIA A201-2007 General Conditions as modified by the Owner if applicable.

20.2 For the Tier Subcontractor involved, for any work performed by his own forces, mark-up will be as described in the AIA A201-2007 General Conditions as modified by the Owner if applicable.

21 GENERAL PROTECTION:

All Subcontractors will be held responsible for the protection of existing construction. Material or equipment exceeding design live load will not be permitted on concrete slabs. Smoking or use of tobacco products will not be permitted in the building. Food and drinks are not permitted in the building.

22 BEHAVIOR OF CONSTRUCTION PERSONNEL:

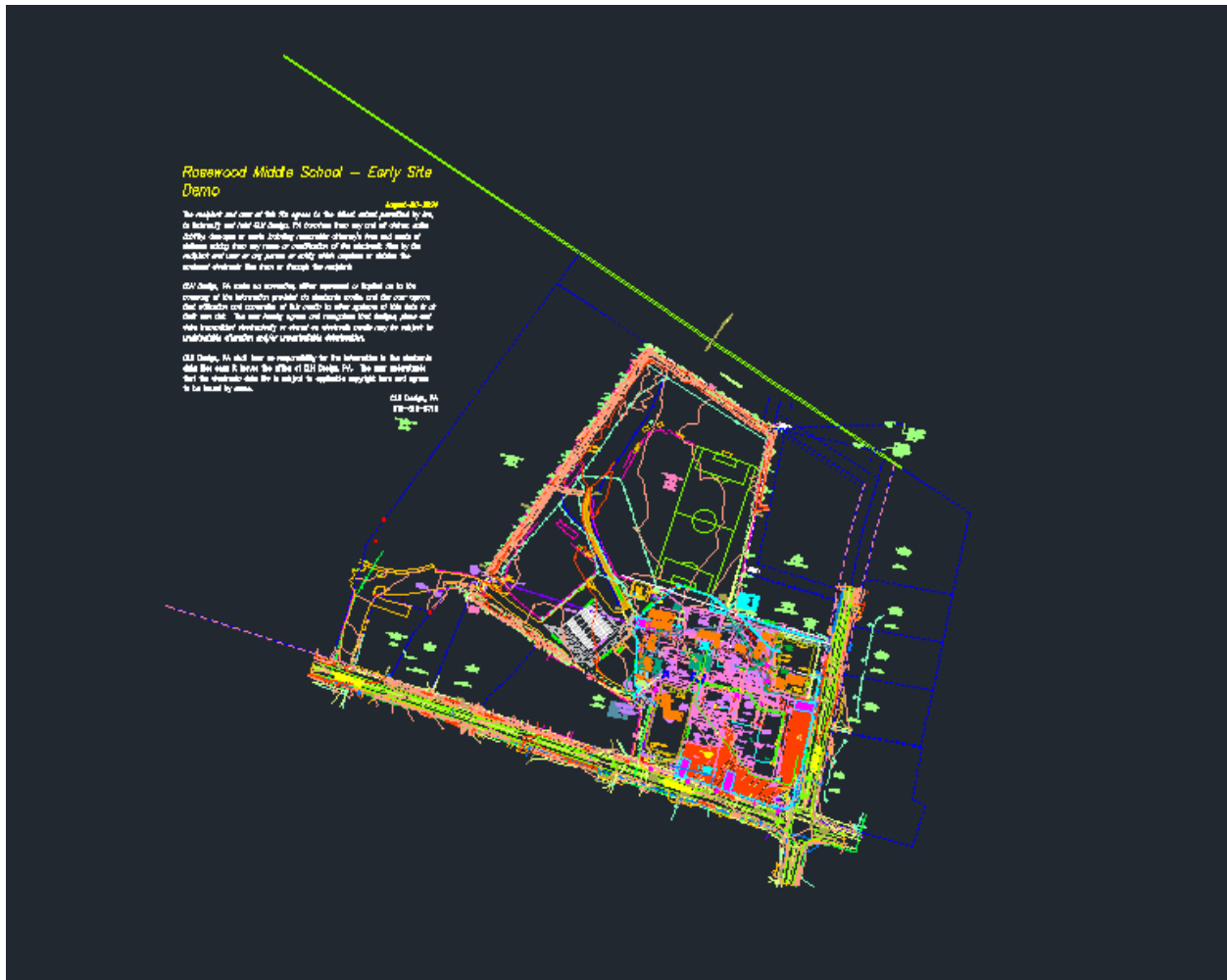
Subcontractor employees shall act and present themselves in a professional manner. Harassment to anyone, discriminatory dress or speech, profuse use of curse words, provocative and/or racial display of material will not be tolerated. At the Contractor's discretion, any acts described here or behavior unsatisfactory to the Contractor and/or Owner, the employee will be dismissed from the project without question.

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CIVIL CAD FILE

THE CIVIL CAD FILE IS AVAILABLE UNDER THE
ADDENDUM TAB AT

<https://www.dropbox.com/scl/fi/kydi3c5r52r9ledoej6ue/addendum-1-2024-08-20-Rosewood-MS-Early-Site-Demo.dwg?rlkey=un0c8kwxdd2bbpb0vp1h2hk3&st=jptjubsd&dl=0>



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Enviro Assessments East, Inc.

Asbestos-Lead-Mold Inspections & Abatement



Rosewood Middle School

541 NC 581 S.
Goldsboro, NC 27530

Buildings A, C, D, H and I



~~X~~ **ACM Found**
ACM Not Found

Inspection Site:

Rosewood Middle School
541 NC 581 S.
Goldsboro, NC 27530

Prepared For:

Daniels & Daniels Construction
178 NC-111
Goldsboro, NC 27534

Prepared By:

Enviro Assessments
East Jason T. Simpson
NC #12882 / #110373
Report Date: 23 Aug 24



Enviro Assessments East, Inc.

Asbestos-Lead-Mold Inspections & Abatement

450 Executive Parkway
New Bern, NC 28562
Phone (252) 527-3052
FAX (252) 527-3055
Email Josh@eae-inc.com
www.eae-inc.com

Inspection # - ASB24-0823-01

Friday, August 23, 2024

Daniels & Daniels Construction
178 NC-111
Goldsboro, NC 27534

Reference: Asbestos Inspection Report
541 NC-581 S. -- **Rosewood Middle School (Buildings A,C,D,H,and I)**
Goldsboro, NC 27530

Dear Daniels & Daniels Construction,

Enviro Assessments East, Inc. (EAE, Inc.) has completed the Asbestos Survey of the property located at 541 NC-581 South in Goldsboro, NC. We are pleased to provide you with this report, and if there are any questions, please let us know.

Description of Services

Asbestos Surveys were performed on August 19th, 2024, and August 20th, 2024, by NC Licensed inspectors Jason T. Simpson (NC Inspector # 12882) and Ryan M. Droese (NC Inspector # 13416). The inspections were conducted in general accordance with the U.S. Environmental Protection Agency requirements and in General accordance with the North Carolina Health Hazards Control Unit. These inspections were performed in preparation for the demolition of some of the buildings located on the school campus.

Inspection Process

EAE, Inc. began the survey by determining homogeneous areas within each structure. Those areas are defined as having suspect materials that are alike based upon location, material type, color, texture, and time period of installation. Representative bulk samples were collected of each homogeneous area of each structure. EAE, Inc. observed all areas in and around the structure(s). These are the areas that were subject to being affected during renovation or demolition activities, and those that may not be affected as well. EAE, Inc. investigated these areas to the best of our ability. All state and federal regulations were adhered to regarding this survey. This survey may exclude any items that may have been concealed at the time of the inspection; or overlooked due to the description of the future of the structure. These exclusions may include multiple layer wall or ceiling finishes, multiple layer floor coverings, materials located above fixed ceiling systems, or in wall or floor chases that are not readily available or visible, and inaccessible areas of the structure.

- ***The scope of this survey included only buildings that will be demolished in accordance with the scope of work provided by the client. These buildings included "Building A" which is the main building and includes the cafeteria, "Building C", "Building D", "Building H" and "Building I". Please see the site map in Attachment I for further details on Scope Buildings.***
- ***The flat roof portion of the two-story section of "Building A" was inaccessible at the time of this survey. As such, the materials associated with this section of the roof should be presumed asbestos containing materials (PACM) until sampling and laboratory analysis can be conducted.***

As required a minimum of 2 samples were taken of each material. These account for a total of 152 bulk samples taken for analysis and 49 additional layers separated by the lab for a total of 201 samples. However, due to a stop positive request on the Chain of Custody, only 189 samples were analyzed. All samples were double bagged and sent along with a chain of Custody (Attached) to a National Voluntary Laboratory Accreditation Program (NVLAP) approved laboratory for analysis. The samples were analyzed using Polarized Light Microscopy (PLM).

Results and Recommendations

According to the laboratory report, 16 of the 189 samples were found to contain asbestos. It is required that these materials be properly abated prior to disturbance by renovation activities or demolition. Please see the tables below for a description of materials found to contain asbestos at this site.

Positive Sample Results- TSI Associated With Boiler System

Sample #	Material Type	Location	Asbestos %	Quantity
137	TSI	Under covered walkways throughout campus (within metal jacketing)	15% Amosite	Approx. 1,060 LF Approx. 63 elbows/fittings.

- ***All TSI in crawlspaces, “Building I” and “Building A” boiler room appear to have been abated/replaced since original. All TSI associated with metal jackets appear to be original and asbestos containing material.***

Positive Sample Results- “Building A”

Sample #	Material Type	Location	Asbestos %	Quantity
1, 2	Felt layers	B-side entry roof, under ISO board	None detected	N/A
3, 4	Fiberboard	B-side entry roof	None detected	N/A
5, 6	Tectum Decking	B-side entry roof	None detected	N/A
7, 8	Glaze	Original windows	None detected	N/A
9	Caulk	Original wood frame windows and doors	5% Chrysotile	Approx.33 window openings Approx. 5 doors
11	Caulk	B-side entry, metal frame windows	3% Chrysotile	Approx. 3 windows
13, 14	Caulk	B-side entry store front windows	None detected	N/A
37, 38	Sealant (gray)	Cafeteria roof penetrations	None detected	N/A
39, 40	Sealant (white)	Cafeteria roof, on HVAC units	None detected	N/A
41, 42	Mastic	Cafeteria Roof, on EPDM	None detected	N/A
43, 44	Tar	Cafeteria Roof, on ISO board	None detected	N/A
45, 46	Fiberboard	Cafeteria Roof	None detected	N/A
69, 70	Block fill	Exterior stairwell walls	None detected	N/A
71, 72	Block fill/mastic	Boiler room walls	None detected	N/A
73, 74	TSI wrap	Boiler room, elbows	None detected	N/A
75, 76	TSI	Boiler room, straight runs.	None detected	N/A

83, 84	Plaster skim/surfacing	Walls throughout	None detected	N/A
85, 86	Plaster base	Walls throughout	None detected	N/A
87, 88	Glaze (interior)	Transom windows	None detected	N/A
89, 90	Carpet glue	Media center	None detected	N/A
91	Cove base mastic	Media center	2% Chrysotile	Approx. 320 LF
93	Sink mastic	Media center sink	2% Chrysotile	Approx. 1 sink
95, 96	Block fill	B-side stairwell	None detected	N/A
97, 98	Ceiling Tile	1 st floor, throughout	None detected	N/A
99(a)	Vinyl floor	2 nd floor stair landing	20% Chrysotile	Approx. 60 SF
99(b)	Mastic		2% Chrysotile	
101, 102	Floor tile/mastic	2 nd floor conference room and work room	None detected	N/A
103, 104	Ceiling tile	2 nd floor, throughout	None detected	N/A
105, 106	Plaster base & skim	Walls throughout cafeteria	None detected	N/A
107, 108	Ceiling tile	Cafeteria, throughout	None detected	N/A
109, 110	Cove base mastic	Cafeteria, throughout	None detected	N/A
111	Floor tile (9") & Mastic	Cafeteria - Under 12" floor tile, in original dining section	5% Chrysotile	Approx. 3,084 SF
151, 152	Drywall & Joint compound	Exterior storage closet, D-side stairwell	<1% Chrysotile	N/A
N/A- From Management Plan	9" Floor Tile & Mastic	1 st floor Teacher's Lounge 2 nd floor conference room (Under Plywood) 2 nd floor work room (Under Plywood)	Previously Confirmed (Unknown %)	Approx. 168 SF in 1 st floor teacher's lounge Approx. 264 SF in 2 nd floor conf. room Approx. 312 SF in 2 nd floor work room
N/A- From Management Plan	Vinyl Flooring	1 st floor, entryway and corridor near B-side entrance and stairwell	Previously Confirmed (Unknown %)	Approx. 839 SF

- The drywall and joint compound composite sample in "Building A" analyzed at less than 1% asbestos. The EPA only recognizes materials with greater than 1% asbestos as asbestos-containing materials (ACM). OSHA, however, recognizes ANY amount of asbestos within a material and has regulations in place as it pertains to worker health and safety during disturbance of these materials.

Positive Sample Results- "Building D"

Sample #	Material Type	Location	Asbestos %	Quantity
15, 16	Shingle	Roof	None detected	N/A
17, 18	Felt	Roof	None detected	N/A
19, 20	Caulk	Roof, at flashing	None detected	N/A
21, 22	Glaze	Windows	None detected	N/A

23	Caulk	Windows and doors	3% Chrysotile	Approx. 12 window openings Approx. 4 doors
113, 114	Sink mastic	Life skills room	None detected	N/A
115, 116	Drywall & Joint compound	Life skills room	None detected	N/A
117, 118	Ceiling Tile (1x2)	Above drop ceiling, throughout	None detected	N/A
119, 120	Ceiling Tile (2x2)	Ceilings, throughout	None detected	N/A
121, 122	Floor tile (off-white) & mastic	Life Skills, throughout room and bathroom	None detected	N/A
123, 124	Floor tile (pink) & mastic	Life skills, throughout room and bathroom	None detected	N/A
125, 126	Vinyl floor	Life skills, throughout front side of room	None detected	N/A
127, 128	Vinyl floor	Life skills, throughout rear side of room	None detected	N/A
129, 130	Glaze (interior)	Art room, A-side door	<1% Chrysotile	N/A
131, 132	Vinyl floor	Art room, C-side entryway	None detected	N/A
NA – From Management Plan	12" Floor Tile & Mastic	Life Skills Side – Front Portion (Original Tile Under Newer Floor Tile & Plywood)	Previously Confirmed (Unknown %)	Approx. 800 SF

- The window glaze samples analyzed at less than 1% asbestos. The EPA only recognizes materials with greater than 1% asbestos as asbestos-containing materials (ACM). OSHA, however, recognizes ANY amount of asbestos within a material and has regulations in place as it pertains to worker health and safety during disturbance of these materials.

Positive Sample Results- "Building I"

Sample #	Material Type	Location	Asbestos %	Quantity
25	Caulk	Windows and doors	5% Chrysotile	Approx. 2 window openings Approx. 3 doors
27, 28	Glaze	Windows	None detected	N/A
29, 30	Flashing/tar	Roof	None detected	N/A
31, 32	Built-up roof	Roof	None detected	N/A
33, 34	Fiberboard	Roof	None detected	N/A
35, 36	Tar	Roof, On concrete deck	None detected	N/A
77, 78	Plaster base & skim	Boiler room ceiling	None detected	N/A
79, 80	Pipe wrap/mastic	Boiler room pipes	None detected	N/A
81, 82	Pipe wrap/mastic	Boiler room, condensate line	None detected	N/A

Positive Sample Results- "Building H"

Sample #	Material Type	Location	Asbestos %	Quantity
47, 48, 49	Cool seal/tar	Roof Parapet walls on brick, and behind flashing on parapets	3% Chrysotile	Approx. 220 SF
51, 52	Shingle/Felt	Roof	None detected	N/A
53, 54	Fiberboard	Roof, second layer	None detected	N/A
55, 56	Mastic	Roof, on ISO board layer	None detected	N/A
57, 58	Flashing	Roof, parapet walls and vent boxes	None detected	N/A
59, 60	Cool seal	Roof, as patch throughout field	None detected	N/A
61, 62	Block fill	CMU walls, exterior	None detected	N/A
63	Caulk	Doors	2% Chrysotile	Approx. 5 doors
133, 134	Block fill	CMU wall, main room	None detected	N/A
135, 136	Ceiling tile	B/C corner office	None detected	N/A

Positive Sample Results- "Building C"

Sample #	Material Type	Location	Asbestos %	Quantity
65, 66	Glaze	Windows	None detected	N/A
67	Caulk	Windows and doors	5% Chrysotile	Approx. 4 window openings Approx. 8 doors
139, 140	Floor tile (dark brown) & mastic	As patch, throughout building	None detected	N/A
141, 142	Floor tile (brown w/ light flecks) & mastic	As patch, throughout building	None detected	N/A
143, 144	Floor tile (off-white) & mastic	As patch, throughout building	None detected	N/A
145, 146	Floor tile (pink) & mastic	As patch, room 31	None detected	N/A
147, 148	Leveler/mastic	Throughout, where found	None detected	N/A
149, 150	Sink coating	Sink, room 32	None detected	N/A
N/A- From Management Plan	9" Floor Tile & Mastic	Throughout Building Except Baths	Previously Confirmed (Unknown %)	Approx. 4,010 SF

Presumed Asbestos Containing Material Throughout

Sample #	Material Type	Location	Asbestos %	Quantity
NA	Glue Pucks	Behind Chalk/Cork/Dry-Erase Boards in All Buildings	Presumed	Approx. 52 Boards
NA	Roofing	Building A – All Field, Parapet, and Sealant Materials (Inaccessible)	Presumed	Approx. 10,240 SF

- All quantities are approximate.

Limitations

To the best of my knowledge, no other asbestos containing materials were found that were sampled in this survey. Before a building is to be renovated or demolished, all asbestos material that will be disturbed should be removed by a North Carolina State Licensed Asbestos Contractor using only licensed workers and supervisors.

If during demolition or remodeling any other suspected asbestos material is discovered, stop work immediately and presume or test those materials for asbestos.

Sincerely,



Jason T. Simpson, Estimator/PM
Enviro Assessments East, Inc.
NC Asbestos Inspector # 12882
NC Asbestos Supervisor # 34329

Sincerely,

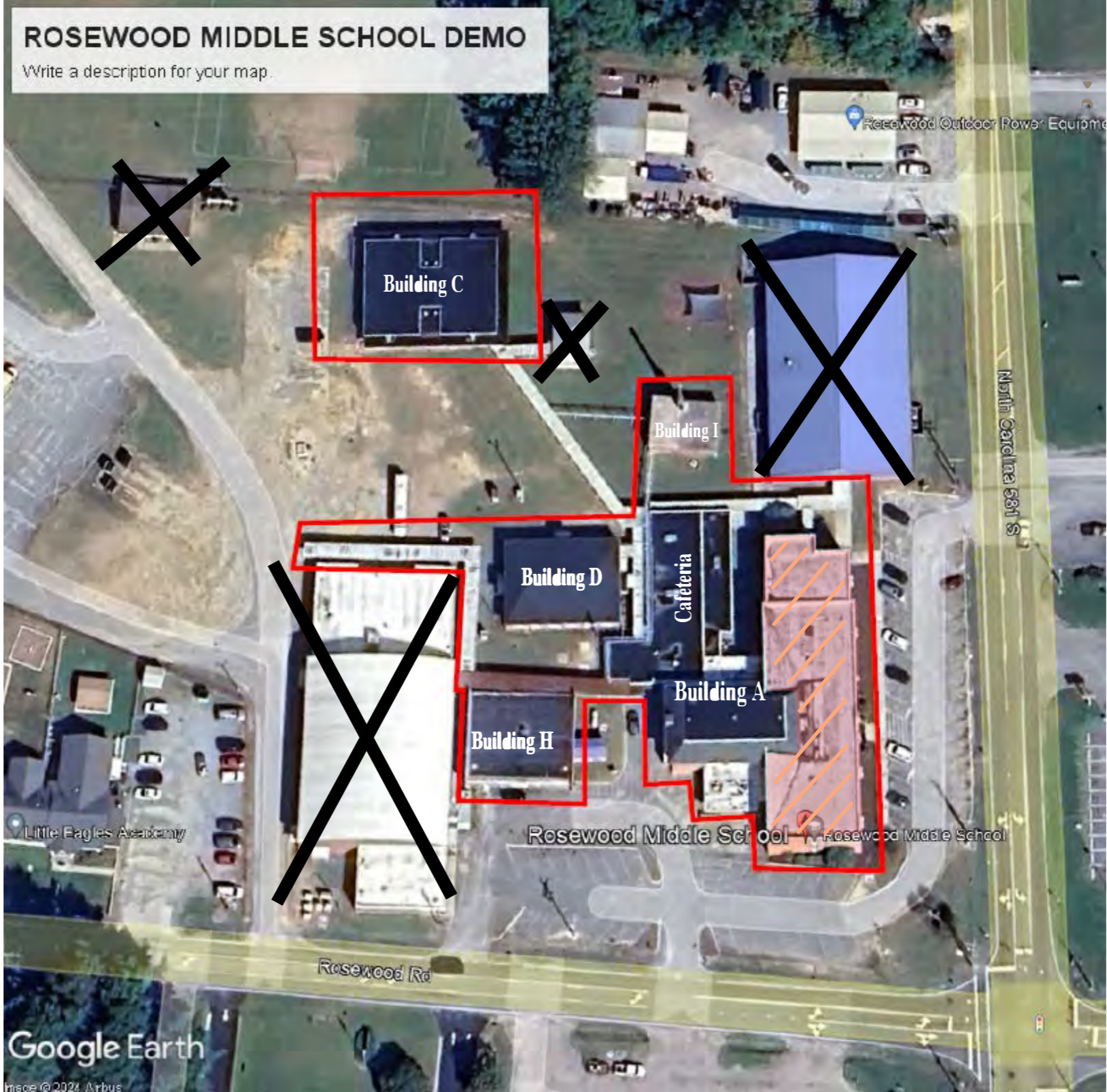


Ryan M. Droese, Inspector
Enviro Assessments East, Inc.
NC Asbestos Inspector # 13416

Attachment I

ROSEWOOD MIDDLE SCHOOL DEMO

Write a description for your map.



 - Presumed Positive Roofing Materials on Building A

 - Not included in scope of demolition

Attachment II

August 21, 2024

Enviro Assessments East, Inc (EAE)
450 Executive Parkway
New Bern, NC 28562

CLIENT PROJECT: Rosewood Middle School, 541 NC 581 South, Goldsboro, NC
27530
CEI LAB CODE: B2415978

Dear Customer:

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on August 20, 2024. The samples were analyzed for asbestos using polarizing light microscopy (PLM) per the EPA 600 Method.

Sample results containing >1% asbestos are considered asbestos-containing materials (ACMs) per EPA regulatory requirements. The detection limit for the EPA 600 Method is <1% asbestos by weight as determined by visual estimation.

Thank you for your business and we look forward to continuing good relations.

Kind Regards,



Tianbao Bai, Ph.D., CIH
Laboratory Director



CEI

ASBESTOS ANALYTICAL REPORT

By: Polarized Light Microscopy

Prepared for

Enviro Assessments East, Inc (EAE)

CLIENT PROJECT: Rosewood Middle School, 541 NC 581 South,
Goldsboro, NC 27530

LAB CODE: B2415978

TEST METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

REPORT DATE: 08/21/24

TOTAL SAMPLES ANALYZED: 141

SAMPLES >1% ASBESTOS: 16



CEI

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Rosewood Middle School, 541 NC 581
South, Goldsboro, NC 27530

LAB CODE: B2415978

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
1	Layer 1	B2415978.001	Gray	Felt Layer	None Detected
	Layer 2	B2415978.001	Black	Felt Layer	None Detected
2	Layer 1	B2415978.002	Gray	Felt Layer	None Detected
	Layer 2	B2415978.002	Black	Felt Layer	None Detected
3		B2415978.003	Brown	Fiberboard	None Detected
4		B2415978.004	Brown	Fiberboard	None Detected
5		B2415978.005	Gray	Tectum	None Detected
6		B2415978.006	Gray	Tectum	None Detected
7		B2415978.007	White	Glaze	None Detected
8		B2415978.008	White	Glaze	None Detected
9		B2415978.009	Gray	Caulk	Chrysotile 5%
10		B2415978.010		Sample Not Analyzed per COC	
11		B2415978.011	White,Tan	Caulk	Chrysotile 3%
12		B2415978.012		Sample Not Analyzed per COC	
13		B2415978.013	Gray	Caulk	None Detected
14		B2415978.014	Gray	Caulk	None Detected
15		B2415978.015	Gray	Shingle	None Detected
16		B2415978.016	Gray	Shingle	None Detected
17		B2415978.017	Black	Felt	None Detected
18		B2415978.018	Black	Felt	None Detected
19		B2415978.019	White	Caulk	None Detected
20		B2415978.020	White	Caulk	None Detected
21		B2415978.021	White	Glaze	None Detected
22		B2415978.022	White	Glaze	None Detected
23	Layer 1	B2415978.023	White	Caulk	None Detected
	Layer 2	B2415978.023	Gray	Caulk	Chrysotile 3%
24		B2415978.024		Sample Not Analyzed per COC	
25		B2415978.025	White	Caulk	Chrysotile 5%
26		B2415978.026		Sample Not Analyzed per COC	
27		B2415978.027	Gray,White	Glaze	None Detected
28		B2415978.028	Gray,White	Glaze	None Detected



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Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Rosewood Middle School, 541 NC 581
South, Goldsboro, NC 27530

LAB CODE: B2415978

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
29		B2415978.029	Black	Flashing Tar	None Detected
30		B2415978.030	Black	Flashing Tar	None Detected
31	Layer 1	B2415978.031	Black	Built-up Roof - Tar	None Detected
	Layer 2	B2415978.031	Black	Built-up Roof - Tar	None Detected
	Layer 3	B2415978.031	Brown	Built-up Roof - Insulation	None Detected
32	Layer 1	B2415978.032	Black	Built-up Roof - Tar	None Detected
	Layer 2	B2415978.032	Black	Built-up Roof - Tar	None Detected
	Layer 3	B2415978.032	Brown	Built-up Roof - Insulation	None Detected
33		B2415978.033	Brown	Fiberboard Insulation	None Detected
34		B2415978.034	Brown	Fiberboard Insulation	None Detected
35		B2415978.035	Black	Tar On Concrete Deck	None Detected
36		B2415978.036	Black	Tar On Concrete Deck	None Detected
37		B2415978.037	Gray	Sealant	None Detected
38		B2415978.038	Gray	Sealant	None Detected
39		B2415978.039	White	Sealant	None Detected
40		B2415978.040	White	Sealant	None Detected
41		B2415978.041	Black	Mastic	None Detected
42		B2415978.042	Black	Mastic	None Detected
43		B2415978.043	Black	Tar On Iso Board	None Detected
44		B2415978.044	Black	Tar On Iso Board	None Detected
45		B2415978.045	Brown	Fiberboard	None Detected
46		B2415978.046	Brown	Fiberboard	None Detected
47		B2415978.047	Black	Cool Seal/ Tar	None Detected
48		B2415978.048	Black	Cool Seal/ Tar	Chrysotile 3%
49	Layer 1	B2415978.049	Tan	Sealant	None Detected
	Layer 2	B2415978.049	Black	Tar	Chrysotile 3%
50		B2415978.050		Sample Not Analyzed per COC	
51	Layer 1	B2415978.051A	Gray	Shingle	None Detected
	Layer 2	B2415978.051A	Black	Felt	None Detected
		B2415978.051B	Black	Felt	None Detected
52	Layer 1	B2415978.052A	Gray	Shingle	None Detected



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Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Rosewood Middle School, 541 NC 581
South, Goldsboro, NC 27530

LAB CODE: B2415978

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
	Layer 2	B2415978.052A	Black	Felt	None Detected
		B2415978.052B	Black	Felt	None Detected
53		B2415978.053	Brown	Fiberboard	None Detected
54		B2415978.054	Brown	Fiberboard	None Detected
55		B2415978.055	Black	Mastic	None Detected
56		B2415978.056	Black	Mastic	None Detected
57		B2415978.057	Black	Flashing	None Detected
58		B2415978.058	Black	Flashing	None Detected
59		B2415978.059	Silver	Cool Seal Patch	None Detected
60		B2415978.060	Silver	Cool Seal Patch	None Detected
61		B2415978.061	White,Tan	Block Fill	None Detected
62		B2415978.062	White,Tan	Block Fill	None Detected
63	Layer 1	B2415978.063	White	Caulking	None Detected
	Layer 2	B2415978.063	Gray	Caulking	Chrysotile 2%
64		B2415978.064		Sample Not Analyzed per COC	
65		B2415978.065	White	Glazing	None Detected
66		B2415978.066	White	Glazing	None Detected
67		B2415978.067	Beige	Caulking	Chrysotile 5%
68		B2415978.068		Sample Not Analyzed per COC	
69		B2415978.069	Beige,White	Block Fill	None Detected
70		B2415978.070	Beige,White	Block Fill	None Detected
71	Layer 1	B2415978.071	Beige,White	Block Fill	None Detected
	Layer 2	B2415978.071	Brown	Block Fill	None Detected
	Layer 3	B2415978.071	Black	Mastic	None Detected
72	Layer 1	B2415978.072	Beige,White	Block Fill	None Detected
	Layer 2	B2415978.072	Brown	Block Fill	None Detected
	Layer 3	B2415978.072	Black	Mastic	None Detected
73	Layer 1	B2415978.073	Beige,Black	TSI Wrap	None Detected
	Layer 2	B2415978.073	White	TSI	None Detected
74	Layer 1	B2415978.074	Beige,Black	TSI Wrap	None Detected
	Layer 2	B2415978.074	White	TSI	None Detected



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Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Rosewood Middle School, 541 NC 581
South, Goldsboro, NC 27530

LAB CODE: B2415978

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
75		B2415978.075	White,Silver	TSI	None Detected
76		B2415978.076	White,Silver	TSI	None Detected
77	Layer 1	B2415978.077	White,Gray	Plaster Skim Coat	None Detected
	Layer 2	B2415978.077	Tan	Plaster Base Coat	None Detected
78	Layer 1	B2415978.078	White,Gray	Plaster Skim Coat	None Detected
	Layer 2	B2415978.078	Tan	Plaster Base Coat	None Detected
79		B2415978.079	White	Pipe Wrap	None Detected
80		B2415978.080	White	Pipe Wrap	None Detected
81	Layer 1	B2415978.081	White,Gray	Pipe Wrap	None Detected
	Layer 2	B2415978.081	Yellow	Mastic	None Detected
82		B2415978.082	White,Gray	Pipe Wrap	None Detected
83	Layer 1	B2415978.083	White	Surfacing	None Detected
	Layer 2	B2415978.083	White,Beige	Plaster Skim Coat	None Detected
84	Layer 1	B2415978.084	White	Surfacing	None Detected
	Layer 2	B2415978.084	White,Beige	Plaster Skim Coat	None Detected
85		B2415978.085	Gray	Plaster Base Coat	None Detected
86		B2415978.086	Gray	Plaster Base Coat	None Detected
87		B2415978.087	Beige,Blue	Glazing	None Detected
88		B2415978.088	Beige,Blue	Glazing	None Detected
89		B2415978.089	Yellow,Green	Carpet Glue	None Detected
90		B2415978.090	Yellow,Green	Carpet Glue	None Detected
91		B2415978.091	Beige,Brown	Covebase Mastic	Chrysotile 2%
92		B2415978.092		Sample Not Analyzed per COC	
93		B2415978.093	Black	Sink Mastic	Chrysotile 2%
94		B2415978.094		Sample Not Analyzed per COC	
95		B2415978.095	White	Block Fill	None Detected
96		B2415978.096	White	Block Fill	None Detected
97		B2415978.097	White,Brown	Ceiling Tile	None Detected
98		B2415978.098	White,Brown	Ceiling Tile	None Detected
99		B2415978.099A	Beige	Vinyl Flooring	Chrysotile 20%
		B2415978.099B	Yellow	Mastic	Chrysotile 2%



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Asbestos Report Summary

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PROJECT: Rosewood Middle School, 541 NC 581
South, Goldsboro, NC 27530

LAB CODE: B2415978

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
100		B2415978.100		Sample Not Analyzed per COC	
101		B2415978.101A	White	Floor Tile	None Detected
		B2415978.101B	Yellow	Mastic	None Detected
102		B2415978.102A	White	Floor Tile	None Detected
		B2415978.102B	Yellow	Mastic	None Detected
103		B2415978.103	White,Tan	Ceiling Tile	None Detected
104		B2415978.104	White,Tan	Ceiling Tile	None Detected
105	Layer 1	B2415978.105	White,Off-white	Plaster Skim Coat	None Detected
	Layer 2	B2415978.105	Gray	Plaster Base Coat	None Detected
106	Layer 1	B2415978.106	White,Off-white	Plaster Skim Coat	None Detected
	Layer 2	B2415978.106	Gray	Plaster Base Coat	None Detected
107		B2415978.107	Off-white,Gray	Ceiling Tile	None Detected
108		B2415978.108	Off-white,Gray	Ceiling Tile	None Detected
109		B2415978.109	Cream,Off-white	Covebase Mastic	None Detected
110		B2415978.110	Cream,Off-white	Covebase Mastic	None Detected
111	Layer 1	B2415978.111A	Tan,Gray	Mastic	None Detected
	Layer 2	B2415978.111A	Tan,Yellow	Floor Tile	Chrysotile 5%
		B2415978.111B	Black	Mastic	None Detected
112		B2415978.112A		Sample Not Analyzed per COC	
		B2415978.112B	Black	Mastic	None Detected
113		B2415978.113	Off-white, Cream	Sink Mastic	None Detected
114		B2415978.114	Off-white, Cream	Sink Mastic	None Detected
115	Layer 1	B2415978.115	Off-white,White	Joint Compound	None Detected
	Layer 2	B2415978.115	Off-white,Brown	Drywall	None Detected
	Layer 3	B2415978.115	Off-white,Brown	Drywall/Joint Compound (Composite)	None Detected
116	Layer 1	B2415978.116	Off-white,White	Joint Compound	None Detected
	Layer 2	B2415978.116	Off-white,Brown	Drywall	None Detected



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Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Rosewood Middle School, 541 NC 581
South, Goldsboro, NC 27530

LAB CODE: B2415978

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
	Layer 3	B2415978.116	Off-white,Brown	Drywall/Joint Compound (Composite)	None Detected
117		B2415978.117	Off-white,Brown	Ceiling Tile	None Detected
118		B2415978.118	Off-white,Brown	Ceiling Tile	None Detected
119		B2415978.119	Off-white,Gray	Ceiling Tile	None Detected
120		B2415978.120	Off-white,Gray	Ceiling Tile	None Detected
121	Layer 1	B2415978.121A	Clear,Blue	Mastic	None Detected
	Layer 2	B2415978.121A	Off-white,White	Floor Tile	None Detected
		B2415978.121B	Yellow,Tan	Mastic	None Detected
122	Layer 1	B2415978.122A	Clear,Blue	Mastic	None Detected
	Layer 2	B2415978.122A	Off-white,White	Floor Tile	None Detected
		B2415978.122B	Yellow,Tan	Mastic	None Detected
123		B2415978.123	Pink,Beige	Floor Tile	None Detected
124		B2415978.124A	Pink,Beige	Floor Tile	None Detected
		B2415978.124B	Yellow,Tan	Mastic	None Detected
125		B2415978.125	Off-white, Cream	Vinyl Flooring	None Detected
126		B2415978.126	Off-white, Cream	Vinyl Flooring	None Detected
127		B2415978.127	Beige,Cream	Vinyl Flooring	None Detected
128		B2415978.128	Beige,Cream	Vinyl Flooring	None Detected
129		B2415978.129	Tan,Cream	Glazing	Chrysotile <1%
130		B2415978.130	Tan,Cream	Glazing	Chrysotile <1%
131		B2415978.131A	Tan,Brown	Vinyl Flooring	None Detected
		B2415978.131B	Clear	Mastic	None Detected
132		B2415978.132A	Tan,Brown	Vinyl Flooring	None Detected
		B2415978.132B	Clear	Mastic	None Detected
133		B2415978.133	White,Off-white	Block Filler	None Detected
134		B2415978.134	White,Off-white	Block Filler	None Detected
135		B2415978.135	White,Off-white	Texture	None Detected
136		B2415978.136	White,Off-white	Texture	None Detected



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Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Rosewood Middle School, 541 NC 581
South, Goldsboro, NC 27530

LAB CODE: B2415978

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
137		B2415978.137	Off-white, Cream	TSI	Amosite 15%
138		B2415978.138		Sample Not Analyzed per COC	
139		B2415978.139A	Dark Brown, Beige	Floor Tile	None Detected
		B2415978.139B	Yellow, Tan	Mastic	None Detected
140		B2415978.140A	Dark Brown, Beige	Floor Tile	None Detected
		B2415978.140B	Yellow, Tan	Mastic	None Detected
141		B2415978.141A	Brown	Floor Tile	None Detected
		B2415978.141B	Yellow, Tan	Mastic	None Detected
142		B2415978.142A	Brown	Floor Tile	None Detected
		B2415978.142B	Yellow, Tan	Mastic	None Detected
143		B2415978.143A	White, Off-white	Floor Tile	None Detected
		B2415978.143B	Yellow, Tan	Mastic	None Detected
144		B2415978.144A	White, Off-white	Floor Tile	None Detected
		B2415978.144B	Yellow, Tan	Mastic	None Detected
145		B2415978.145A	Pink, Beige	Floor Tile	None Detected
		B2415978.145B	Yellow, Tan	Mastic	None Detected
146		B2415978.146A	Pink, Beige	Floor Tile	None Detected
		B2415978.146B	Yellow, Tan	Mastic	None Detected
147	Layer 1	B2415978.147	Black	Mastic	None Detected
	Layer 2	B2415978.147	Gray	Leveling Compound	None Detected
148	Layer 1	B2415978.148	Black	Mastic	None Detected
	Layer 2	B2415978.148	Gray	Leveling Compound	None Detected
149		B2415978.149	Black, Off-white	Sink Coating	None Detected
150		B2415978.150	Black, Off-white	Sink Coating	None Detected
151	Layer 1	B2415978.151	Off-white, Cream	Joint Compound	Chrysotile 2%
	Layer 2	B2415978.151	Off-white, Brown Drywall		None Detected
	Layer 3	B2415978.151	Off-white, Brown Drywall/Joint Compound (Composite)		Chrysotile <1%



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Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Rosewood Middle School, 541 NC 581
South, Goldsboro, NC 27530

LAB CODE: B2415978

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
152	Layer 1	B2415978.152	Off-white, Cream	Joint Compound	Chrysotile 2%
	Layer 2	B2415978.152	Off-white, Brown	Drywall	None Detected
	Layer 3	B2415978.152	Off-white, Brown	Drywall/Joint Compound (Composite)	Chrysotile <1%

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Enviro Assessments East, Inc (EAE)
 450 Executive Parkway
 New Bern, NC 28562

Lab Code: B2415978
Date Received: 08-20-24
Date Analyzed: 08-21-24
Date Reported: 08-21-24

Project: Rosewood Middle School, 541 NC 581 South, Goldsboro, NC 27530

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous	Non-Fibrous			
1 Layer 1 B2415978.001	Felt Layer	Homogeneous Gray Fibrous Bound	100%	Cellulose			None Detected
Samples B2415978.001-B2415978.052 analyzed by R.Steele.							
Layer 2 B2415978.001	Felt Layer	Homogeneous Black Fibrous Bound	30%	Fiberglass	70%	Tar	None Detected
2 Layer 1 B2415978.002	Felt Layer	Homogeneous Gray Fibrous Bound	100%	Cellulose			None Detected
Layer 2 B2415978.002	Felt Layer	Homogeneous Black Fibrous Bound	30%	Fiberglass	70%	Tar	None Detected
3 B2415978.003	Fiberboard	Homogeneous Brown Fibrous Loosely Bound	100%	Cellulose			None Detected
4 B2415978.004	Fiberboard	Homogeneous Brown Fibrous Loosely Bound	100%	Cellulose			None Detected
5 B2415978.005	Tectum	Homogeneous Gray Fibrous Bound	60%	Cellulose	40%	Binder	None Detected



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ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Enviro Assessments East, Inc (EAE)
450 Executive Parkway
New Bern, NC 28562

Lab Code: B2415978
Date Received: 08-20-24
Date Analyzed: 08-21-24
Date Reported: 08-21-24

Project: Rosewood Middle School, 541 NC 581 South, Goldsboro, NC 27530

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
6 B2415978.006	Tectum	Homogeneous Gray Fibrous Bound	60%	Cellulose	40%	Binder	None Detected
7 B2415978.007	Glaze	Homogeneous White Non-fibrous Bound			80%	Binder	None Detected
					20%	Calc Carb	
					<1%	Paint	
8 B2415978.008	Glaze	Homogeneous White Non-fibrous Bound			80%	Binder	None Detected
					20%	Calc Carb	
					<1%	Paint	
9 B2415978.009	Caulk	Homogeneous Gray Non-fibrous Bound			95%	Caulk	5% Chrysotile
10 B2415978.010	Sample Not Analyzed per COC						
11 B2415978.011	Caulk	Heterogeneous White, Tan Non-fibrous Bound	2%	Talc	95%	Caulk	3% Chrysotile
					<1%	Paint	
12 B2415978.012	Sample Not Analyzed per COC						
13 B2415978.013	Caulk	Homogeneous Gray Non-fibrous Bound			100%	Caulk	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Enviro Assessments East, Inc (EAE)
 450 Executive Parkway
 New Bern, NC 28562

Lab Code: B2415978
Date Received: 08-20-24
Date Analyzed: 08-21-24
Date Reported: 08-21-24

Project: Rosewood Middle School, 541 NC 581 South, Goldsboro, NC 27530

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS			ASBESTOS %	
			Fibrous	Non-Fibrous			
14 B2415978.014	Caulk	Homogeneous Gray Non-fibrous Bound	100%	Caulk		None Detected	
15 B2415978.015	Shingle	Heterogeneous Gray Fibrous Bound	30%	Fiberglass	60% 10%	Tar Gravel	None Detected
16 B2415978.016	Shingle	Heterogeneous Gray Fibrous Bound	30%	Fiberglass	60% 10%	Tar Gravel	None Detected
17 B2415978.017	Felt	Homogeneous Black Fibrous Bound	30%	Fiberglass	70%	Tar	None Detected
18 B2415978.018	Felt	Homogeneous Black Fibrous Bound	30%	Fiberglass	70%	Tar	None Detected
19 B2415978.019	Caulk	Homogeneous White Non-fibrous Bound	100%	Caulk		None Detected	
20 B2415978.020	Caulk	Homogeneous White Non-fibrous Bound	100%	Caulk		None Detected	

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Enviro Assessments East, Inc (EAE)
 450 Executive Parkway
 New Bern, NC 28562

Lab Code: B2415978
Date Received: 08-20-24
Date Analyzed: 08-21-24
Date Reported: 08-21-24

Project: Rosewood Middle School, 541 NC 581 South, Goldsboro, NC 27530

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS %
			Fibrous	Non-Fibrous	
21 B2415978.021	Glaze	Homogeneous	80%	Binder	None Detected
		White	20%	Calc Carb	
		Non-fibrous	<1%	Paint	
		Bound			
22 B2415978.022	Glaze	Homogeneous	80%	Binder	None Detected
		White	20%	Calc Carb	
		Non-fibrous	<1%	Paint	
		Bound			
23 Layer 1 B2415978.023	Caulk	Homogeneous	100%	Caulk	None Detected
		White			
		Non-fibrous			
		Bound			
Layer 2 B2415978.023	Caulk	Homogeneous	97%	Caulk	3% Chrysotile
		Gray			
		Non-fibrous			
		Bound			
24 B2415978.024	Sample Not Analyzed per COC				
25 B2415978.025	Caulk	Heterogeneous	75%	Binder	5% Chrysotile
		White	20%	Calc Carb	
		Non-fibrous	<1%	Paint	
		Bound			
26 B2415978.026	Sample Not Analyzed per COC				
27 B2415978.027	Glaze	Homogeneous	80%	Binder	None Detected
		Gray, White	20%	Calc Carb	
		Non-fibrous			
		Bound			

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Enviro Assessments East, Inc (EAE)
 450 Executive Parkway
 New Bern, NC 28562

Lab Code: B2415978
Date Received: 08-20-24
Date Analyzed: 08-21-24
Date Reported: 08-21-24

Project: Rosewood Middle School, 541 NC 581 South, Goldsboro, NC 27530

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS			ASBESTOS %
			Fibrous	Non-Fibrous		
28 B2415978.028	Glaze	Homogeneous Gray,White Non-fibrous Bound	80%	Binder		None Detected
29 B2415978.029	Flashing Tar	Homogeneous Black Non-fibrous Bound	100%	Tar		None Detected
30 B2415978.030	Flashing Tar	Homogeneous Black Non-fibrous Bound	100%	Tar		None Detected
31 Layer 1 B2415978.031	Built-up Roof - Tar	Homogeneous Black Fibrous Bound	30%	Fiberglass		70% Tar None Detected
Layer 2 B2415978.031	Built-up Roof - Tar	Homogeneous Black Fibrous Bound	30%	Cellulose		70% Tar None Detected
Layer 3 B2415978.031	Built-up Roof - Insulation	Homogeneous Brown Fibrous Loosely Bound	100%	Cellulose		None Detected
32 Layer 1 B2415978.032	Built-up Roof - Tar	Homogeneous Black Fibrous Bound	30%	Fiberglass		70% Tar None Detected



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ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Enviro Assessments East, Inc (EAE)
450 Executive Parkway
New Bern, NC 28562

Lab Code: B2415978
Date Received: 08-20-24
Date Analyzed: 08-21-24
Date Reported: 08-21-24

Project: Rosewood Middle School, 541 NC 581 South, Goldsboro, NC 27530

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS			ASBESTOS %
			Fibrous	Non-Fibrous		
Layer 2 B2415978.032	Built-up Roof - Tar	Homogeneous Black Fibrous Bound	30%	Cellulose	70% Tar	None Detected
Layer 3 B2415978.032	Built-up Roof - Insulation	Homogeneous Brown Fibrous Loosely Bound	100%	Cellulose		None Detected
33 B2415978.033	Fiberboard Insulation	Homogeneous Brown Fibrous Loosely Bound	100%	Cellulose		None Detected
34 B2415978.034	Fiberboard Insulation	Homogeneous Brown Fibrous Loosely Bound	100%	Cellulose		None Detected
35 B2415978.035	Tar On Concrete Deck	Homogeneous Black Non-fibrous Bound			100% Tar	None Detected
36 B2415978.036	Tar On Concrete Deck	Homogeneous Black Non-fibrous Bound			100% Tar	None Detected
37 B2415978.037	Sealant	Homogeneous Gray Non-fibrous Bound			100% Caulk	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Enviro Assessments East, Inc (EAE)
 450 Executive Parkway
 New Bern, NC 28562

Lab Code: B2415978
Date Received: 08-20-24
Date Analyzed: 08-21-24
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Project: Rosewood Middle School, 541 NC 581 South, Goldsboro, NC 27530

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
38 B2415978.038	Sealant	Homogeneous Gray Non-fibrous Bound	100%		Caulk		None Detected
39 B2415978.039	Sealant	Homogeneous White Non-fibrous Bound	100%		Caulk		None Detected
40 B2415978.040	Sealant	Homogeneous White Non-fibrous Bound	100%		Caulk		None Detected
41 B2415978.041	Mastic	Homogeneous Black Fibrous Bound	10%	Cellulose	90%	Mastic	None Detected
42 B2415978.042	Mastic	Homogeneous Black Fibrous Bound	10%	Cellulose	90%	Mastic	None Detected
43 B2415978.043	Tar On Iso Board	Homogeneous Black Non-fibrous Bound	100%		Tar		None Detected
44 B2415978.044	Tar On Iso Board	Homogeneous Black Non-fibrous Bound	100%		Tar		None Detected

ASBESTOS BULK ANALYSIS

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ASBESTOS BULK PLM, EPA 600 METHOD

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			Fibrous	Non-Fibrous	
45 B2415978.045	Fiberboard	Homogeneous Brown Fibrous Loosely Bound	100%	Cellulose	None Detected
46 B2415978.046	Fiberboard	Homogeneous Brown Fibrous Loosely Bound	100%	Cellulose	None Detected
47 B2415978.047	Cool Seal/ Tar	Homogeneous Black Non-fibrous Bound	100%	Tar	None Detected
48 B2415978.048	Cool Seal/ Tar	Homogeneous Black Non-fibrous Bound	97%	Tar	3% Chrysotile
49 Layer 1 B2415978.049	Sealant	Homogeneous Tan Non-fibrous Bound	100%	Caulk	None Detected
Layer 2 B2415978.049	Tar	Homogeneous Black Non-fibrous Bound	97%	Tar	3% Chrysotile
50 B2415978.050	Sample Not Analyzed per COC				
51 Layer 1 B2415978.051 A	Shingle	Heterogeneous Gray Fibrous Bound	30%	Synthetic Fiber 60% Gravel 10%	None Detected



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ASBESTOS BULK ANALYSIS

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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS			ASBESTOS %
			Fibrous	Non-Fibrous		
Layer 2 B2415978.051 A	Felt	Homogeneous Black Fibrous Bound	30%	Synthetic Fiber 70%	Tar	None Detected
B2415978.051 B	Felt	Homogeneous Black Fibrous Bound	30%	Fiberglass 70%	Tar	None Detected
52 Layer 1 B2415978.052 A	Shingle	Heterogeneous Gray Fibrous Bound	30%	Synthetic Fiber 60% 10%	Tar Gravel	None Detected
Layer 2 B2415978.052 A	Felt	Homogeneous Black Fibrous Bound	30%	Synthetic Fiber 70%	Tar	None Detected
B2415978.052 B	Felt	Homogeneous Black Fibrous Bound	30%	Fiberglass 70%	Tar	None Detected
53 B2415978.053	Fiberboard	Heterogeneous Brown Fibrous Loosely Bound	100%	Cellulose		None Detected
Samples B2415978.053-B2415978.104 analyzed by R.Kerns						
54 B2415978.054	Fiberboard	Heterogeneous Brown Fibrous Loosely Bound	100%	Cellulose		None Detected

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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous	Non-Fibrous			
55 B2415978.055	Mastic	Heterogeneous Black Non-fibrous Bound	100%	Tar			None Detected
56 B2415978.056	Mastic	Heterogeneous Black Non-fibrous Bound	100%	Tar			None Detected
57 B2415978.057	Flashing	Heterogeneous Black Fibrous Bound	20%	Fiberglass	80%	Tar	None Detected
58 B2415978.058	Flashing	Heterogeneous Black Fibrous Bound	20%	Fiberglass	80%	Tar	None Detected
59 B2415978.059	Cool Seal Patch	Heterogeneous Silver Fibrous Bound	5%	Cellulose	55%	Binder 30% Tar 10% Paint	None Detected
60 B2415978.060	Cool Seal Patch	Heterogeneous Silver Fibrous Bound	5%	Cellulose	55%	Binder 30% Tar 10% Paint	None Detected
61 B2415978.061	Block Fill	Heterogeneous White, Tan Non-fibrous Bound	<1%	Cellulose	65%	Binder 30% Silicates 5% Paint	None Detected



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ASBESTOS BULK ANALYSIS

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ASBESTOS BULK PLM, EPA 600 METHOD

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			Fibrous	Non-Fibrous	
62 B2415978.062	Block Fill	Heterogeneous White, Tan Non-fibrous Bound	<1% Cellulose	65% Binder 30% Silicates 5% Paint	None Detected
63 Layer 1 B2415978.063	Caulking	Heterogeneous White Non-fibrous Bound		100% Caulk <1% Paint	None Detected
Layer 2 B2415978.063	Caulking	Heterogeneous Gray Non-fibrous Bound		68% Caulk 30% Binder	2% Chrysotile
64 B2415978.064	Sample Not Analyzed per COC				
65 B2415978.065	Glazing	Heterogeneous White Non-fibrous Bound		70% Binder 30% Calc Carb <1% Paint	None Detected
66 B2415978.066	Glazing	Heterogeneous White Non-fibrous Bound		70% Binder 30% Calc Carb <1% Paint	None Detected
67 B2415978.067	Caulking	Heterogeneous Beige Non-fibrous Bound		65% Binder 30% Caulk <1% Paint	5% Chrysotile
68 B2415978.068	Sample Not Analyzed per COC				



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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous	Non-Fibrous			
69 B2415978.069	Block Fill	Heterogeneous Beige,White Non-fibrous Bound	<1%	Cellulose	65%	Binder 30% Silicates 5% Perlite	None Detected
70 B2415978.070	Block Fill	Heterogeneous Beige,White Non-fibrous Bound	<1%	Cellulose	65%	Binder 30% Silicates 5% Perlite	None Detected
71 Layer 1 B2415978.071	Block Fill	Heterogeneous Beige,White Non-fibrous Bound	<1%	Cellulose	65%	Binder 30% Silicates 5% Paint	None Detected
Layer 2 B2415978.071	Block Fill	Heterogeneous Brown Non-fibrous Bound	<1%	Cellulose	70%	Silicates 30% Binder	None Detected
Layer 3 B2415978.071	Mastic	Heterogeneous Black Non-fibrous Bound			100%	Tar	None Detected
72 Layer 1 B2415978.072	Block Fill	Heterogeneous Beige,White Non-fibrous Bound	<1%	Cellulose	65%	Binder 30% Silicates 5% Paint	None Detected
Layer 2 B2415978.072	Block Fill	Heterogeneous Brown Non-fibrous Bound	<1%	Cellulose	70%	Silicates 30% Binder	None Detected



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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
Layer 3 B2415978.072	Mastic	Heterogeneous Black Non-fibrous Bound	100%	Tar			None Detected
73 Layer 1 B2415978.073	TSI Wrap	Heterogeneous Beige,Black Fibrous Bound	85%	Cellulose	15%	Binder	None Detected
Layer 2 B2415978.073	TSI	Heterogeneous White Fibrous Loosely Bound	40% 5%	Fiberglass Mineral Wool	55%	Binder	None Detected
74 Layer 1 B2415978.074	TSI Wrap	Heterogeneous Beige,Black Fibrous Bound	85%	Cellulose	15%	Binder	None Detected
Layer 2 B2415978.074	TSI	Heterogeneous White Fibrous Loosely Bound	40% 5%	Fiberglass Mineral Wool	55%	Binder	None Detected
75 B2415978.075	TSI	Heterogeneous White,Silver Fibrous Bound	50% 20%	Cellulose Fiberglass	20% 10%	Binder Metal Foil	None Detected
76 B2415978.076	TSI	Heterogeneous White,Silver Fibrous Bound	50% 20%	Cellulose Fiberglass	20% 10%	Binder Metal Foil	None Detected



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ASBESTOS BULK PLM, EPA 600 METHOD

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			Fibrous		Non-Fibrous		
77 Layer 1 B2415978.077	Plaster Skim Coat	Heterogeneous White, Gray Non-fibrous Bound			65%	Binder	None Detected
					35%	Silicates	
			<1%	Paint			
Layer 2 B2415978.077	Plaster Base Coat	Heterogeneous Tan Non-fibrous Bound	<1%	Cellulose	60%	Silicates	None Detected
					35%	Binder	
					5%	Perlite	
78 Layer 1 B2415978.078	Plaster Skim Coat	Heterogeneous White, Gray Non-fibrous Bound			65%	Binder	None Detected
					35%	Silicates	
			<1%	Paint			
Layer 2 B2415978.078	Plaster Base Coat	Heterogeneous Tan Non-fibrous Bound	<1%	Cellulose	60%	Silicates	None Detected
					35%	Binder	
					5%	Perlite	
79 B2415978.079	Pipe Wrap	Heterogeneous White Fibrous Bound	40%	Cellulose	35%	Binder	None Detected
			15%	Fiberglass	10%	Metal Foil	
			No mastic present.				
80 B2415978.080	Pipe Wrap	Heterogeneous White Fibrous Bound	40%	Cellulose	35%	Binder	None Detected
			15%	Fiberglass	10%	Metal Foil	
			No mastic present.				
81 Layer 1 B2415978.081	Pipe Wrap	Heterogeneous White, Gray Fibrous Bound	40%	Cellulose	35%	Binder	None Detected
			15%	Fiberglass	10%	Metal Foil	



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ASBESTOS BULK PLM, EPA 600 METHOD

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			Fibrous		Non-Fibrous	
Layer 2 B2415978.081	Mastic	Homogeneous Yellow Non-fibrous Bound	100%		Mastic	None Detected
82 B2415978.082	Pipe Wrap	Heterogeneous White, Gray Fibrous Bound	80%	Cellulose	20% Binder	None Detected
No mastic present.						
83 Layer 1 B2415978.083	Surfacing	Heterogeneous White Non-fibrous Bound	75%		Binder 20% Silicates 5% Paint	None Detected
Layer 2 B2415978.083	Plaster Skim Coat	Heterogeneous White, Beige Non-fibrous Bound	65%		Binder 35% Silicates <1% Paint	None Detected
84 Layer 1 B2415978.084	Surfacing	Heterogeneous White Non-fibrous Bound	75%		Binder 20% Silicates 5% Paint	None Detected
Layer 2 B2415978.084	Plaster Skim Coat	Heterogeneous White, Beige Non-fibrous Bound	65%		Binder 35% Silicates <1% Paint	None Detected
85 B2415978.085	Plaster Base Coat	Heterogeneous Gray Non-fibrous Bound	<1%	Hair	65% Silicates 35% Binder	None Detected



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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS %
			Fibrous	Non-Fibrous	
86 B2415978.086	Plaster Base Coat	Heterogeneous	<1%	Hair	None Detected
		Gray	65%	Silicates	
		Non-fibrous	35%	Binder	
		Bound			
87 B2415978.087	Glazing	Heterogeneous	70%	Binder	None Detected
		Beige,Blue	30%	Calc Carb	
		Non-fibrous	<1%	Paint	
		Bound			
88 B2415978.088	Glazing	Heterogeneous	70%	Binder	None Detected
		Beige,Blue	30%	Calc Carb	
		Non-fibrous	<1%	Paint	
		Bound			
89 B2415978.089	Carpet Glue	Heterogeneous	100%	Mastic	None Detected
		Yellow,Green			
		Non-fibrous			
		Bound			
Unable to separate for individual analysis.					
90 B2415978.090	Carpet Glue	Heterogeneous	100%	Mastic	None Detected
		Yellow,Green			
		Non-fibrous			
		Bound			
Unable to separate for individual analysis.					
91 B2415978.091	Covebase Mastic	Heterogeneous	98%	Mastic	2% Chrysotile
		Beige,Brown			
		Non-fibrous			
		Bound			
Unable to separate for individual analysis.					
92 B2415978.092	Sample Not Analyzed per COC				

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ASBESTOS BULK PLM, EPA 600 METHOD

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			Fibrous		Non-Fibrous		
93 B2415978.093	Sink Mastic	Heterogeneous Black Non-fibrous Bound	98%		Tar		2% Chrysotile
94 B2415978.094	Sample Not Analyzed per COC						
95 B2415978.095	Block Fill	Heterogeneous White Non-fibrous Bound	<1%	Cellulose	65%	Binder 30% Silicates 5% Paint	None Detected
96 B2415978.096	Block Fill	Heterogeneous White Non-fibrous Bound	<1%	Cellulose	65%	Binder 30% Silicates 5% Paint	None Detected
97 B2415978.097	Ceiling Tile	Heterogeneous White,Brown Fibrous Bound	60% 20%	Cellulose Fiberglass	15% 5%	Perlite Paint	None Detected
98 B2415978.098	Ceiling Tile	Heterogeneous White,Brown Fibrous Bound	60% 20%	Cellulose Fiberglass	15% 5%	Perlite Paint	None Detected
99 B2415978.099 A	Vinyl Flooring	Heterogeneous Beige Fibrous Bound	30%	Cellulose	50%	Vinyl	20% Chrysotile
B2415978.099 B	Mastic	Homogeneous Yellow Non-fibrous Bound	98%		Mastic		2% Chrysotile

Analyst opinion: Contamination from adjacent flooring.

ASBESTOS BULK ANALYSIS

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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous	Non-Fibrous			
100 B2415978.100	Sample Not Analyzed per COC						
101 B2415978.101 A	Floor Tile	Homogeneous White Non-fibrous Bound	100%	Vinyl			None Detected
B2415978.101 B	Mastic	Homogeneous Yellow Non-fibrous Bound	100%	Mastic			None Detected
102 B2415978.102 A	Floor Tile	Homogeneous White Non-fibrous Bound	100%	Vinyl			None Detected
B2415978.102 B	Mastic	Homogeneous Yellow Non-fibrous Bound	100%	Mastic			None Detected
103 B2415978.103	Ceiling Tile	Heterogeneous White, Tan Fibrous Bound	60% 20%	Cellulose Fiberglass	15% 5%	Perlite Paint	None Detected
104 B2415978.104	Ceiling Tile	Heterogeneous White, Tan Fibrous Bound	60% 20%	Cellulose Fiberglass	15% 5%	Perlite Paint	None Detected
105 B2415978.105	Plaster Skim Coat Layer 1	Heterogeneous White, Off-white Non-fibrous Bound	<1%	Cellulose	5% 35% 60%	Paint Calc Carb Binder	None Detected

Samples B2415978.105-B2415978.152 analyzed by S.Nicolella

ASBESTOS BULK ANALYSIS

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			Fibrous	Non-Fibrous			
Layer 2 B2415978.105	Plaster Base Coat	Heterogeneous Gray Non-fibrous Bound	<1%	Cellulose	35%	Silicates	None Detected
					65%	Binder	
106 Layer 1 B2415978.106	Plaster Skim Coat	Heterogeneous White,Off-white Non-fibrous Bound	<1%	Cellulose	5%	Paint	None Detected
					35%	Calc Carb	
					60%	Binder	
Layer 2 B2415978.106	Plaster Base Coat	Heterogeneous Gray Non-fibrous Bound	<1%	Cellulose	35%	Silicates	None Detected
					65%	Binder	
107 B2415978.107	Ceiling Tile	Heterogeneous Off-white,Gray Fibrous Bound	55%	Cellulose	5%	Paint	None Detected
			15%	Fiberglass	15%	Perlite	
			10%	Mineral Wool			
108 B2415978.108	Ceiling Tile	Heterogeneous Off-white,Gray Fibrous Bound	55%	Cellulose	5%	Paint	None Detected
			15%	Fiberglass	15%	Perlite	
			10%	Mineral Wool			
109 B2415978.109	Covebase Mastic	Homogeneous Cream,Off-white Non-fibrous Bound	<1%	Cellulose	100%	Mastic	None Detected
110 B2415978.110	Covebase Mastic	Homogeneous Cream,Off-white Non-fibrous Bound	<1%	Cellulose	100%	Mastic	None Detected



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			Fibrous		Non-Fibrous		
111 Layer 1 B2415978.111 A	Mastic	Heterogeneous Tan, Gray Non-fibrous Bound	<1%	Cellulose	95%	Mastic 5% Paint	None Detected
	Layer 2 B2415978.111 A	Floor Tile Homogeneous Tan, Yellow Non-fibrous Tightly Bound	<1%	Cellulose	95%	Vinyl	5% Chrysotile
	B2415978.111 B	Mastic Homogeneous Black Non-fibrous Bound	2%	Cellulose	98%	Mastic	None Detected
112 B2415978.112 A	Sample Not Analyzed per COC						
B2415978.112 B	Mastic	Homogeneous Black Non-fibrous Bound	2%	Cellulose	98%	Mastic	None Detected
113 B2415978.113	Sink Mastic	Homogeneous Off-white, Cream Fibrous Bound	20%	Cellulose	15%	Silicates 65% Binder	None Detected
114 B2415978.114	Sink Mastic	Homogeneous Off-white, Cream Fibrous Bound	20%	Cellulose	15%	Silicates 65% Binder	None Detected
115 Layer 1 B2415978.115	Joint Compound	Heterogeneous Off-white, White Non-fibrous Bound	<1%	Cellulose	5%	Paint 60% Binder 35% Calc Carb	None Detected

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ASBESTOS BULK PLM, EPA 600 METHOD

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			Fibrous		Non-Fibrous		
Layer 2 B2415978.115	Drywall	Heterogeneous Off-white,Brown Fibrous Bound	20%	Cellulose	80%	Gypsum	None Detected
Layer 3 B2415978.115	Drywall/Joint Compound (Composite)	Heterogeneous Off-white,Brown Fibrous Bound	20%	Cellulose	65%	Gypsum 10% Calc Carb 5% Paint	None Detected
116 Layer 1 B2415978.116	Joint Compound	Heterogeneous Off-white,White Non-fibrous Bound	<1%	Cellulose	5%	Paint 60% Binder 35% Calc Carb	None Detected
Layer 2 B2415978.116	Drywall	Heterogeneous Off-white,Brown Fibrous Bound	20%	Cellulose	80%	Gypsum	None Detected
Layer 3 B2415978.116	Drywall/Joint Compound (Composite)	Heterogeneous Off-white,Brown Fibrous Bound	20%	Cellulose	65%	Gypsum 10% Calc Carb 5% Paint	None Detected
117 B2415978.117	Ceiling Tile	Heterogeneous Off-white,Brown Fibrous Bound	95%	Cellulose	5%	Paint	None Detected
118 B2415978.118	Ceiling Tile	Heterogeneous Off-white,Brown Fibrous Bound	95%	Cellulose	5%	Paint	None Detected



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Lab Code: B2415978
Date Received: 08-20-24
Date Analyzed: 08-21-24
Date Reported: 08-21-24

Project: Rosewood Middle School, 541 NC 581 South, Goldsboro, NC 27530

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
119 B2415978.119	Ceiling Tile	Heterogeneous	55%	Cellulose	5%	Paint	None Detected
		Off-white, Gray	15%	Fiberglass	15%	Perlite	
		Fibrous	10%	Mineral Wool			
		Bound					
120 B2415978.120	Ceiling Tile	Heterogeneous	55%	Cellulose	5%	Paint	None Detected
		Off-white, Gray	15%	Fiberglass	15%	Perlite	
		Fibrous	10%	Mineral Wool			
		Bound					
121 Layer 1 B2415978.121 A	Mastic	Homogeneous	<1%	Cellulose	100%	Mastic	None Detected
		Clear, Blue					
		Non-fibrous					
		Bound					
Layer 2 B2415978.121 A	Floor Tile	Homogeneous	<1%	Cellulose	100%	Vinyl	None Detected
		Off-white, White					
		Non-fibrous					
		Tightly Bound					
B2415978.121 B	Mastic	Homogeneous	<1%	Cellulose	100%	Mastic	None Detected
		Yellow, Tan					
		Non-fibrous					
		Bound					
122 Layer 1 B2415978.122 A	Mastic	Homogeneous	<1%	Cellulose	100%	Mastic	None Detected
		Clear, Blue					
		Non-fibrous					
		Bound					
Layer 2 B2415978.122 A	Floor Tile	Homogeneous	<1%	Cellulose	100%	Vinyl	None Detected
		Off-white, White					
		Non-fibrous					
		Tightly Bound					

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Enviro Assessments East, Inc (EAE)
 450 Executive Parkway
 New Bern, NC 28562

Lab Code: B2415978
Date Received: 08-20-24
Date Analyzed: 08-21-24
Date Reported: 08-21-24

Project: Rosewood Middle School, 541 NC 581 South, Goldsboro, NC 27530

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS			ASBESTOS %	
			Fibrous	Non-Fibrous			
B2415978.122 B	Mastic	Homogeneous Yellow, Tan Non-fibrous Bound	<1%	Cellulose	100%	Mastic	None Detected
123 B2415978.123	Floor Tile	Homogeneous Pink, Beige Non-fibrous Tightly Bound	<1%	Cellulose	100%	Vinyl	None Detected
No mastic present in sample							
124 B2415978.124 A	Floor Tile	Homogeneous Pink, Beige Non-fibrous Tightly Bound	<1%	Cellulose	100%	Vinyl	None Detected
No mastic present in sample							
B2415978.124 B	Mastic	Homogeneous Yellow, Tan Non-fibrous Bound	<1%	Cellulose	100%	Mastic	None Detected
125 B2415978.125	Vinyl Flooring	Heterogeneous Off-white, Cream Fibrous Tightly Bound	35% 15%	Cellulose Fiberglass	50%	Vinyl	None Detected
Mastic not analyzed as per COC							
126 B2415978.126	Vinyl Flooring	Heterogeneous Off-white, Cream Fibrous Tightly Bound	35% 15%	Cellulose Fiberglass	50%	Vinyl	None Detected
Mastic not analyzed as per COC							

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Enviro Assessments East, Inc (EAE)
 450 Executive Parkway
 New Bern, NC 28562

Lab Code: B2415978
Date Received: 08-20-24
Date Analyzed: 08-21-24
Date Reported: 08-21-24

Project: Rosewood Middle School, 541 NC 581 South, Goldsboro, NC 27530

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
127 B2415978.127	Vinyl Flooring	Heterogeneous Beige,Cream Fibrous Tightly Bound	35% 15%	Cellulose Fiberglass	50%	Vinyl	None Detected
Mastic not analyzed as per COC							
128 B2415978.128	Vinyl Flooring	Heterogeneous Beige,Cream Fibrous Tightly Bound	35% 15%	Cellulose Fiberglass	50%	Vinyl	None Detected
Mastic not analyzed as per COC							
129 B2415978.129	Glazing	Heterogeneous Tan,Cream Non-fibrous Bound	<1%	Cellulose	5% 15% 80%	Paint Silicates Binder	<1% Chrysotile
130 B2415978.130	Glazing	Heterogeneous Tan,Cream Non-fibrous Bound	<1%	Cellulose	5% 15% 80%	Paint Silicates Binder	<1% Chrysotile
131 B2415978.131 A	Vinyl Flooring	Heterogeneous Tan,Brown Fibrous Tightly Bound	35% 15%	Cellulose Fiberglass	50%	Vinyl	None Detected
B2415978.131 B	Mastic	Homogeneous Clear Non-fibrous Bound	3% 2%	Cellulose Fiberglass	95%	Mastic	None Detected
132 B2415978.132 A	Vinyl Flooring	Heterogeneous Tan,Brown Fibrous Tightly Bound	35% 15%	Cellulose Fiberglass	50%	Vinyl	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Enviro Assessments East, Inc (EAE)
 450 Executive Parkway
 New Bern, NC 28562

Lab Code: B2415978
Date Received: 08-20-24
Date Analyzed: 08-21-24
Date Reported: 08-21-24

Project: Rosewood Middle School, 541 NC 581 South, Goldsboro, NC 27530

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
B2415978.132 B	Mastic	Homogeneous Clear Non-fibrous Bound	3% 2%	Cellulose Fiberglass	95%	Mastic	None Detected
133 B2415978.133	Block Filler	Heterogeneous White,Off-white Non-fibrous Bound	<1%	Cellulose	5% 35% 60%	Paint Silicates Binder	None Detected
134 B2415978.134	Block Filler	Heterogeneous White,Off-white Non-fibrous Bound	<1%	Cellulose	5% 35% 60%	Paint Silicates Binder	None Detected
135 B2415978.135	Texture	Heterogeneous White,Off-white Fibrous Bound	<1% 20%	Cellulose Fiberglass	5% 15% 60%	Paint Silicates Binder	None Detected
No ceiling tile present. Sample appears to be texture.							
136 B2415978.136	Texture	Heterogeneous White,Off-white Fibrous Bound	<1% 20%	Cellulose Fiberglass	5% 15% 60%	Paint Silicates Binder	None Detected
No ceiling tile present. Sample appears to be texture.							
137 B2415978.137	TSI	Heterogeneous Off-white,Cream Fibrous Loosely Bound	10%	Cellulose	15% 60%	Silicates Binder	15% Amosite
138 B2415978.138	Sample Not Analyzed per COC						

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Enviro Assessments East, Inc (EAE)
 450 Executive Parkway
 New Bern, NC 28562

Lab Code: B2415978
Date Received: 08-20-24
Date Analyzed: 08-21-24
Date Reported: 08-21-24

Project: Rosewood Middle School, 541 NC 581 South, Goldsboro, NC 27530

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS			ASBESTOS %	
			Fibrous	Non-Fibrous			
139 B2415978.139 A	Floor Tile	Homogeneous Dark Brown, Beige Non-fibrous Tightly Bound	<1%	Cellulose	100%	Vinyl	None Detected
B2415978.139 B	Mastic	Homogeneous Yellow, Tan Non-fibrous Bound	<1%	Cellulose	100%	Mastic	None Detected
140 B2415978.140 A	Floor Tile	Homogeneous Dark Brown, Beige Non-fibrous Tightly Bound	<1%	Cellulose	100%	Vinyl	None Detected
B2415978.140 B	Mastic	Homogeneous Yellow, Tan Non-fibrous Bound	<1%	Cellulose	100%	Mastic	None Detected
141 B2415978.141 A	Floor Tile	Homogeneous Brown Non-fibrous Tightly Bound	<1%	Cellulose	100%	Vinyl	None Detected
B2415978.141 B	Mastic	Homogeneous Yellow, Tan Non-fibrous Bound	<1%	Cellulose	100%	Mastic	None Detected
142 B2415978.142 A	Floor Tile	Homogeneous Brown Non-fibrous Tightly Bound	<1%	Cellulose	100%	Vinyl	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Enviro Assessments East, Inc (EAE)
 450 Executive Parkway
 New Bern, NC 28562

Lab Code: B2415978
Date Received: 08-20-24
Date Analyzed: 08-21-24
Date Reported: 08-21-24

Project: Rosewood Middle School, 541 NC 581 South, Goldsboro, NC 27530

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS			ASBESTOS %	
			Fibrous	Non-Fibrous			
B2415978.142 B	Mastic	Homogeneous Yellow, Tan Non-fibrous Bound	<1%	Cellulose	100%	Mastic	None Detected
143 B2415978.143 A	Floor Tile	Homogeneous White, Off-white Non-fibrous Tightly Bound	<1%	Cellulose	100%	Vinyl	None Detected
B2415978.143 B	Mastic	Homogeneous Yellow, Tan Non-fibrous Bound	<1%	Cellulose	100%	Mastic	None Detected
144 B2415978.144 A	Floor Tile	Homogeneous White, Off-white Non-fibrous Tightly Bound	<1%	Cellulose	100%	Vinyl	None Detected
B2415978.144 B	Mastic	Homogeneous Yellow, Tan Non-fibrous Bound	<1%	Cellulose	100%	Mastic	None Detected
145 B2415978.145 A	Floor Tile	Homogeneous Pink, Beige Non-fibrous Tightly Bound	<1%	Cellulose	100%	Vinyl	None Detected
B2415978.145 B	Mastic	Homogeneous Yellow, Tan Non-fibrous Bound	<1%	Cellulose	100%	Mastic	None Detected



CEI

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Enviro Assessments East, Inc (EAE)
450 Executive Parkway
New Bern, NC 28562

Lab Code: B2415978
Date Received: 08-20-24
Date Analyzed: 08-21-24
Date Reported: 08-21-24

Project: Rosewood Middle School, 541 NC 581 South, Goldsboro, NC 27530

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
146 B2415978.146 A	Floor Tile	Homogeneous Pink,Beige Non-fibrous Tightly Bound	<1%	Cellulose	100%	Vinyl	None Detected
B2415978.146 B	Mastic	Homogeneous Yellow,Tan Non-fibrous Bound	<1%	Cellulose	100%	Mastic	None Detected
147 Layer 1 B2415978.147	Mastic	Homogeneous Black Non-fibrous Bound	2%	Cellulose	98%	Mastic	None Detected
Layer 2 B2415978.147	Leveling Compound	Homogeneous Gray Non-fibrous Bound	5%	Cellulose	35% 60%	Silicates Binder	None Detected
148 Layer 1 B2415978.148	Mastic	Homogeneous Black Non-fibrous Bound	2%	Cellulose	98%	Mastic	None Detected
Layer 2 B2415978.148	Leveling Compound	Homogeneous Gray Non-fibrous Bound	5%	Cellulose	35% 60%	Silicates Binder	None Detected
149 B2415978.149	Sink Coating	Homogeneous Black,Off-white Non-fibrous Bound	3%	Cellulose	5% 15% 77%	Paint Silicates Binder	None Detected



CEI

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Enviro Assessments East, Inc (EAE)
450 Executive Parkway
New Bern, NC 28562

Lab Code: B2415978
Date Received: 08-20-24
Date Analyzed: 08-21-24
Date Reported: 08-21-24

Project: Rosewood Middle School, 541 NC 581 South, Goldsboro, NC 27530

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
150 B2415978.150	Sink Coating	Homogeneous	3%	Cellulose	5%	Paint	None Detected
		Black, Off-white			15%	Silicates	
		Non-fibrous			77%	Binder	
		Bound					
151 Layer 1 B2415978.151	Joint Compound	Heterogeneous	<1%	Cellulose	5%	Paint	2% Chrysotile
		Off-white, Cream			35%	Calc Carb	
		Non-fibrous			58%	Binder	
		Bound					
Layer 2 B2415978.151	Drywall	Heterogeneous	20%	Cellulose	80%	Gypsum	None Detected
		Off-white, Brown					
		Fibrous					
		Bound					
Layer 3 B2415978.151	Drywall/Joint Compound (Composite)	Heterogeneous	20%	Cellulose	65%	Gypsum	<1% Chrysotile
		Off-white, Brown			10%	Calc Carb	
		Fibrous			5%	Paint	
		Bound					
2% Chrysotile found in joint compound, <1% Chrysotile in composite overall							
152 Layer 1 B2415978.152	Joint Compound	Heterogeneous	<1%	Cellulose	5%	Paint	2% Chrysotile
		Off-white, Cream			35%	Calc Carb	
		Non-fibrous			58%	Binder	
		Bound					
Layer 2 B2415978.152	Drywall	Heterogeneous	20%	Cellulose	80%	Gypsum	None Detected
		Off-white, Brown					
		Fibrous					
		Bound					
Layer 3 B2415978.152	Drywall/Joint Compound (Composite)	Heterogeneous	20%	Cellulose	65%	Gypsum	<1% Chrysotile
		Off-white, Brown			10%	Calc Carb	
		Fibrous			5%	Paint	
		Bound					
2% Chrysotile found in joint compound, <1% Chrysotile in composite overall							

LEGEND: Non-Anth = Non-Asbestiform Anthophyllite
Non-Trem = Non-Asbestiform Tremolite
Calc Carb = Calcium Carbonate

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

REPORTING LIMIT: <1% by visual estimation

REPORTING LIMIT FOR POINT COUNTS: 0.25% by 400 Points or 0.1% by 1,000 Points

REGULATORY LIMIT: >1% by weight

Due to the limitations of the EPA 600 method, nonfriable organically bound materials (NOBs) such as vinyl floor tiles can be difficult to analyze via polarized light microscopy (PLM). EPA recommends that all NOBs analyzed by PLM, and found not to contain asbestos, be further analyzed by Transmission Electron Microscopy (TEM). Please note that PLM analysis of dust and soil samples for asbestos is not covered under NVLAP accreditation. *Estimated measurement of uncertainty is available on request.*

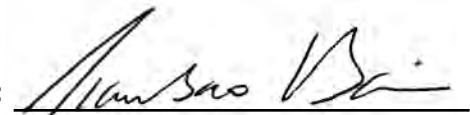
This report relates only to the samples tested or analyzed and may not be reproduced, except in full, without written approval by Eurofins CEI. Eurofins CEI makes no warranty representation regarding the accuracy of client submitted information in preparing and presenting analytical results. Interpretation of the analytical results is the sole responsibility of the client. Samples were received in acceptable condition unless otherwise noted. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government.

Information provided by customer includes customer sample ID and sample description.

ANALYST:


Ryan Steele

APPROVED BY:


Tianbao Bai, Ph.D., CIH
Laboratory Director



Regan Kerns

B2415978

152

Enviro Assessments East, Inc. 450 Executive Parkway New Bern, NC 28562 Contact: Jason Simpson PH# 252-876-5094 Fax#252-527-3055 Email: eae200@embarqmail.com labresults@eae-inc.com		LABORATORY TEST REQUEST Laboratory Name: Eurofins, CEI. Account Name: Daniels & Daniels Survey Site: Rosewood Middle School Address: 541 NC 581 South Goldsboro, NC 27530	
Sample Type: Asbestos Bulk	Analysis Type: PLM	Date Shipped: 8/20/24	
Turn Around Time: 24 HR	# of Samples: 152	Date Collected: 8/19/24	
Special Instructions/Notes ✗ 8 Hour T.A.T. ✗ Stop Positives			

Sample #	Sample type	Location	P/S
1	Felt Layers	Building A - B-Side Entry Roof - under ISO	✓
2	"	" " " " " " " "	✓
3	Fiberboard	" " " " " " - flashing	✓
4	"	" " " " " " " "	✓
5	TeKton	" " " " " " - Deck	✓
6	"	" " " " " " " "	✓
7	Glaze	Building A - original windows	✓
8	"	" " " " " " " "	✓
9	Caulk	Building A - original windows & doors (wood frame)	✓
10	"	" " " " " " " "	✓
11	Caulk	" " " B Side Entry Metal frame windows	✓
12	"	" " " " " " " "	✓
13	Caulk	Building A - B-side storefront windows	✓
14	"	" " " " " " " "	✓
15	Shingle	Building D, roof	✓
16	"	" " " " " " " "	✓
17	Felt	" " " " " " " "	✓
18	"	" " " " " " " "	✓
19	Caulk / flashing	At flashing, Building D, roof	✓
20	"	" " " " " " " "	✓
21	Glaze	Windows (D side, B side), Building D	✓
22	"	" " " " " " " "	✓
23	Caulk	Windows & doors (D side, B side) Building D	✓
24	"	" " " " " " " "	✓
25	Caulk	Building I, window	✓
26	"	" " " " " " " "	✓

CHAIN OF CUSTODY RECORD

EUROFINS CEI INC
 SAMPLES ACCEPTED

BVB

DATE/TIME	CONDITION OF SAMPLE	SAMPLES RECEIVED BY:	SAMPLES RELEASED BY:
8/20/24	Double Bagged	EY 8/20/24 12:50pm	T...

JOP etc

Enviro Assessments East, Inc. 450 Executive Parkway New Bern, NC 28562 Contact: Jason Simpson PH# 252-876-5094 Fax#252-527-3055 Email: eae200@embarqmail.com labresults@eae-inc.com	LABORATORY TEST REQUEST Laboratory Name: Eurofins, CEI. Account Name: <u>Daniel's & Daniels</u> Survey Site: <u>Rosewood Middle School</u> Address: <u>541 NC 581 S.</u> <u>Goldstboro, NC 27530</u>
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Sample Type: Asbestos Bulk	Analysis Type: PLM	Date Shipped: <u>8/20/24</u>
Turn Around Time: 24HR	# of Samples: <u>152</u>	Date Collected: <u>8/17/24</u>

Special Instructions/Notes: *** 8 HOUR T.A.T.**
*** Stop Positives**

Sample #	Sample type	Location	P/S
27	Glaze	Building I, windows	✓
28	"	"	✓
29	Flashing tar	Building I, roof	✓
30	"	"	✓
31	Built-up roof	Building I roof	✓
32	"	"	✓
33	Fiberboard insulation	"	✓
34	"	"	✓
35	Tar on concrete deck	"	✓
36	"	"	✓
37	Sealant (gray)	Cafeteria roof (Building A) Penetrations	✓
38	"	"	✓
39	Sealant (white)	HVAC units, Cafeteria roof	✓
40	"	"	✓
41	Mastic (on EPDM)	Cafeteria Roof (Building A)	✓
42	"	"	✓
43	Tar on ISO board	"	✓
44	"	"	✓
45	Fiberboard (under EPDM)	"	✓
46	"	"	✓
47	Cool seal/Tar	Building M roof	✓
48	"	"	✓
49	Sealant	Building M, parapet wall, A & C sides	✓
50	"	"	✓
51	Shingle/felt layers	" roof, top layer	✓
52	"	"	✓

CHAIN OF CUSTODY RECORD

DATE/TIME	CONDITION OF SAMPLE	SAMPLES RECEIVED BY:	SAMPLES RELEASED BY:
<u>8/20/24</u>	Double Bagged		<u>JRM</u>

Enviro Assessments East, Inc. 10705 Hwy 55 West Dover, NC 28526 Contact: Sammy Lane PH# 252-560-3363 Fax#252-527-3055 Email: eae200@embarqmail.com labresults@eae-inc.com	LABORATORY TEST REQUEST Laboratory Name: Eurofins, CEI. Account Name: <u>Daniels & Daniels</u> Survey Site: <u>Rosewood Middle School</u> Address: <u>541 NC 581 S.</u> <u>Goldstboro, NC 27530</u>
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Sample Type: Asbestos Bulk	Analysis Type: PLM	Date Shipped: <u>8/20/24</u>
Turn Around Time: 24 HR	# of Samples: <u>152</u>	Date Collected: <u>8/19/24</u>

Special Instructions/Notes **★ 8 HOUR T.A.T.**
★ Stop Positives

Sample #	Sample type	Location	P/S
53	Fiberboard	Building H roof, layer 2	✓
54	" "	" " " "	✓
55	Mastic on paper	" " " on isoboard, layer 3	✓
56	" " "	" " " " " " "	✓
57	Flashing	" " " Parapet walls & vent boxes	✓
58	"	" " " " " "	✓
59	Cod steel patch	Building H roof, T/O field	✓
60	" " "	" " " " " "	✓
61	Block fill	Building H, A side wall	✓
62	"	" " "	✓
63	Caulk	" doors (no windows)	✓
64	"	" " "	✓
65	Glaze	Building C, windows (B side)	✓
66	"	" " (D side)	✓
67	Caulk	" Doors & windows (B side)	✓
68	"	" " " (D side)	✓
69	Block fill	Building A, exterior stairwell walls,	✓
70	" "	" " " "	✓
71	Block-Fill/mastic	Building A, cellar wall	✓
72	"	" " " "	✓
73	TSI	Elbow	✓
74	"	"	✓
75	TSI	Straight runs	✓
76	"	" "	✓
77	Plaster base/skim	Building I, Boiler room ceiling	✓
78	" " "	" " " "	✓

CHAIN OF CUSTODY RECORD

DATE/TIME	CONDITION OF SAMPLE	SAMPLES RECEIVED BY:	SAMPLES RELEASED BY:
<u>8/20/24</u>	Double Bagged		<u>[Signature]</u>

Enviro Assessments East, Inc. 450 Executive Parkway New Bern, NC 28562 Contact: Jason Simpson PH# 252-876-5094 Fax#252-527-3055 Email: eae200@embarqmail.com labresults@eae-inc.com	LABORATORY TEST REQUEST Laboratory Name: Eurofins, CEI Account Name: Daniels & Daniels Survey Site: Rosewood Middle School Address: 541 NC 581 S. Goldsboro, NC 27530
---	---

Sample Type: Asbestos Bulk	Analysis Type: PLM	Date Shipped: 8/20/24
Turn Around Time: 	# of Samples: 152	Date Collected: 8/19/24
Special Instructions/Notes * 8 HOUR T.A.T. * Stop Positives		

Interior Building A

88

Sample #	Sample type	Location	P/S
79	Pipe wrap/mastic	Building I, Boiler room	✓
80	" " "	" " " "	✓
81	Pipe wrap/mastic	" " " " condensate line	✓
82	" " "	" " " "	✓
83	Plaster skim/surfacing	Building A, RM 5 wall	✓
84	" " "	" " RM 2 wall	✓
85	Plaster base	" " RM 5 wall	✓
86	" " "	" " RM 2 wall	✓
87	Glaze (interior)	Transom window, RM 5	✓
88	" " "	Transom window, RM 6	✓
89	Carpet glue	Media Center	✓
90	" " "	" " "	✓
91	Cove Base Mastic	" " "	✓
92	" " "	" " "	✓
93	Sink Mastic	Media center sink	✓
94	" " "	" " "	✓
95	Block fill	B-side roof stairwell	✓
96	" " "	" " "	✓
97	CT	1st floor (2x4)	✓
98	" " "	" " "	✓
99	Vinyl Floor	2nd floor stair landing, B-side	✓
100	" " "	" " "	✓
101	FI/mastic	Conference room, 2nd floor	✓
102	" " "	Work room, 2nd floor	✓
103	CT	2nd Floor 	✓
104	" " "	" " "	✓

CHAIN OF CUSTODY RECORD

DATE/TIME	CONDITION OF SAMPLE	SAMPLES RECEIVED BY:	SAMPLES RELEASED BY:
8/20/24	Double Bagged		J. [Signature]

Enviro Assessments East, Inc. 450 Executive Parkway New Bern, NC 28562 Contact: Jason Simpson PH# 252-876-5094 Fax#252-527-3055 Email: eae200@embarqmail.com labresults@eae-inc.com	LABORATORY TEST REQUEST Laboratory Name: Eurofins, CEI. Account Name: <u>Daniels & Daniels</u> Survey Site: <u>Rosewood Middle School</u> Address: <u>541 NC 581 S.</u> <u>Goldsboro, NC 27530</u>
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Sample Type: Asbestos Bulk	Analysis Type: PLM	Date Shipped: <u>8/20/24</u>
Turn Around Time: 2-3	# of Samples: <u>152</u>	Date Collected: <u>8/19/24</u>

Special Instructions/Notes **★ 8 HOUR T.A.T.**
★ Stop Positives

Sample #	Sample type	Location	P/S
105	Plaster base/skim	Cafeteria walls	✓
106	" " "	" "	✓
107	CT	Cafeteria	✓
108	"	"	✓
109	Core base mastic	"	✓
110	" " "	"	✓
111	FT/mastic (9")	" , under 12"	✓
112	" " "	" " "	✓
113	Sink mastic	Life skills room	✓
114	" "	" " "	✓
115	DW/JC composite	" " "	✓
116	" " "	" " "	✓
117	CT (1x2)	Above drop ceiling, t/o	✓
118	" "	" " " "	✓
119	CT (2x2)	Ceilings, T/o	✓
120	" "	" "	✓
121	FT/mastic	Life skills bathroom (under ^{carpet} vinyl plank) # T/o	✓
122	" "	" " " "	✓
123	FT/mastic	Life skills bathroom # T/o (under carpet)	✓
124	" "	" " " "	✓
125	Vinyl Floor	Life skills, under carpet, front side	✓
126	" "	" " " "	✓
127	Vinyl Floor mastics	" " " rear side	✓
128	" "	" " " "	✓
129	Glaze (interior)	Ant room, A-side door	✓
130	" "	" " " "	✓

Cafeteria
 112
 Building D
 130

CHAIN OF CUSTODY RECORD

DATE/TIME	CONDITION OF SAMPLE	SAMPLES RECEIVED BY:	SAMPLES RELEASED BY:
<u>8/20/24</u>	Double Bagged		<u>[Signature]</u>

Enviro Assessments East, Inc. 450 Executive Parkway New Bern, NC 28562 Contact: Jason Simpson PH# 252-876-5094 Fax#252-527-3055 Email: eae200@embarqmail.com labresults@eae-inc.com		LABORATORY TEST REQUEST Laboratory Name: Eurofins, CEI. Account Name: <u>Daniels & Daniels</u> Survey Site: <u>Rosewood Middle School</u> Address: <u>541 NC 901 S.</u> <u>Goldsboro, NC 27530</u>	
Sample Type: Asbestos Bulk	Analysis Type: PLM	Date Shipped: <u>8/20/24</u>	
Turn Around Time: 3-5	# of Samples: <u>152</u>	Date Collected: <u>8/20/24</u>	
Special Instructions/Notes ★ <u>Stop Positives</u> ★ <u>DB Hair T. AT.</u>			

Sample #	Sample type	Location	P/S
131	Vinyl Floor	Art room, c-side entry way	✓
132	" "	" "	
133	Block fill	CMU wall, AB corner	✓
134	" "	" " main room	
135	CT	B/C corner office	✓
136	" "	" "	
137	TSI	Exterior straight runs assoc. w/ breezeways	✓
138	" "	" " " "	
139	FT Mastic (12" Dark Brown w/ streaks)	Patch Tlo Dark Brown	✓
140	" "	" "	
141	" " (12" Brown w/ light flecks)	Brown w/ light flecks	✓
142	" "	" "	
143	" " (12" off-white)	off-white	✓
144	" "	" "	
145	" " (12" Pink)	Patch - Rm 31	✓
146	" "	" "	
147	Leveler/mastic	Tlo where found	✓
148	" "	" " "	
149	Smk coating	Rm 32	✓
150	" "	" "	
151	DW/DC composite	A building, exterior storage closet	✓
152	" "	" " " " "	

Building D
 Building H
 Walkways
 Building L
 52

CHAIN OF CUSTODY RECORD

DATE/TIME	CONDITION OF SAMPLE	SAMPLES RECEIVED BY	SAMPLES RELEASED BY:
8/20/24	Double Bagged		<u>[Signature]</u>

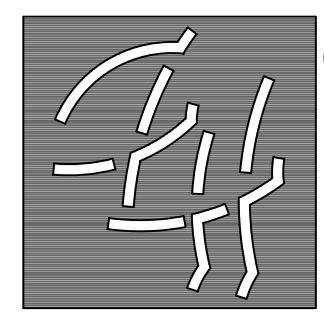
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WAYNE COUNTY PUBLIC SCHOOLS ROSEWOOD MIDDLE SCHOOL ADDITION



DAVIS KANE
ARCHITECTS, P.A.
503 OBERLIN ROAD, SUITE 300
RALEIGH, NC 27605
919.833.3737
www.davis-kane.com

WAYNE COUNTY
EARLY SITE DEMOLITION - PHASE 1
ADDENDUM #1
AUGUST 28, 2024



CLH DESIGN, P.A.
400 Regency Forest Drive
Suite 120
Cary, North Carolina 27518
Phone: (919)319-6716
Fax: (919)319-7616
LA: C-106, PE: C-1595

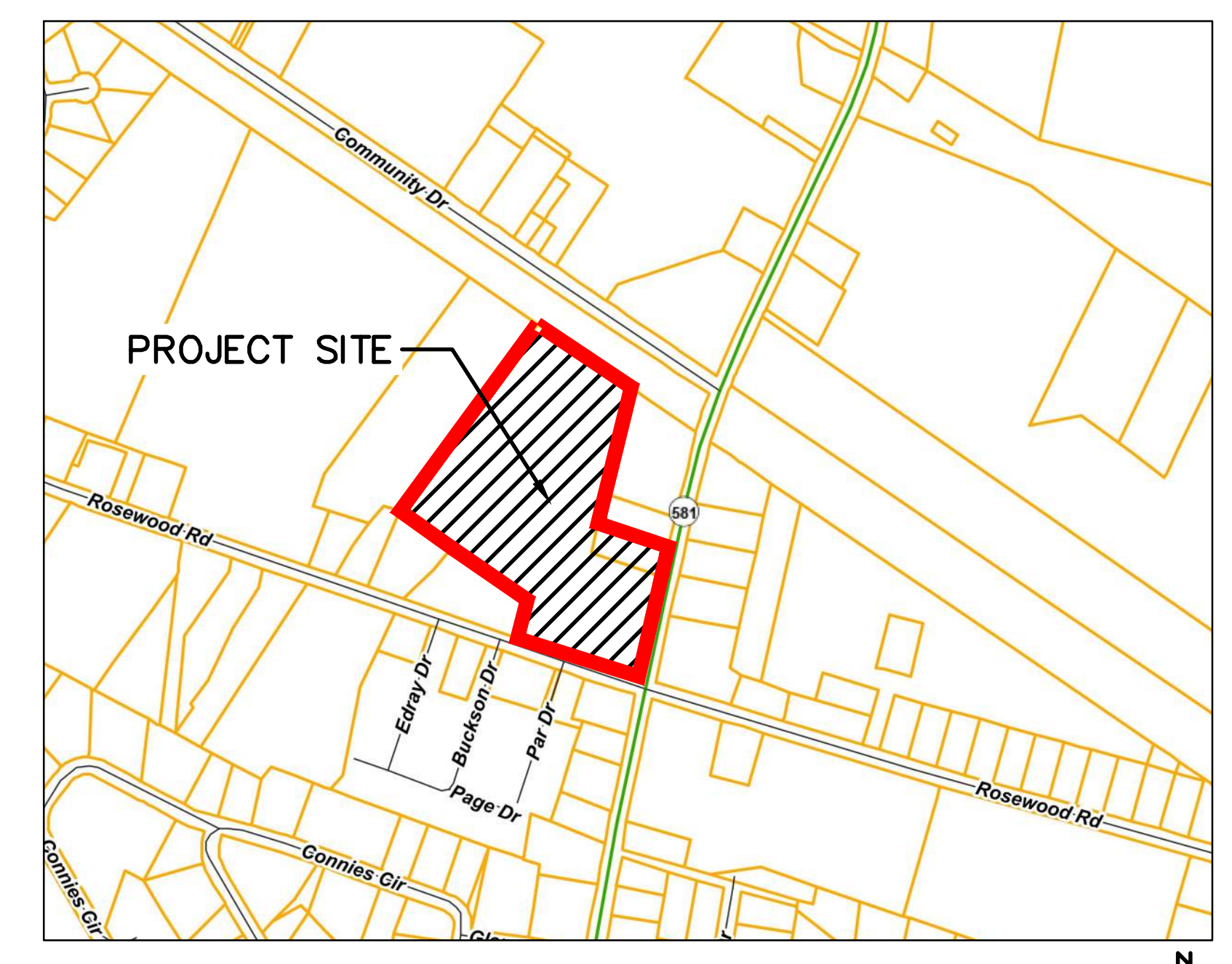
SITE DATA:

PROJECT: ROSEWOOD MIDDLE SCHOOL ADDITION
OWNER: WAYNE COUNTY PUBLIC SCHOOLS
OWNER CONTACT: DR. TIM HARRELL
 2001 E. HAYALL AVE
 GOLDSBORO, NC 27534
 PHONE: 919-705-6192
LANDSCAPE ARCHITECT/CIVIL ENGINEER: CLH DESIGN, P.A.
DESIGNER CONTACT: RACHEL WATSON, P.E.
 400 REGENCY FOREST DR., SUITE 120
 CARY, NC 27518
 PHONE: 919-443-4073
ARCHITECT: DAVIS KANE ARCHITECTS, P.A.
DESIGNER CONTACT: CHAD WOLK - AA
 503 OBERLIN ROAD, SUITE 300
 RALEIGH, NC 27605
 PHONE: 919-719-2811
PROJECT ADDRESS: 541 NORTH CAROLINA 581 S
 GOLDSBORO, NC 27530
PIN NUMBER: 2670674264
ZONING: RESIDENTIAL/ AGRICULTURAL - RA-20
EXISTING USE: PUBLIC SCHOOL
PROPOSED USE: PUBLIC SCHOOL
TRACT AREA: 13.49 ACRES
DISTURBED AREA: 4 ACRES
BUILDING CFA: N/A
BUILDING HEIGHT PERMITTED: 35'
BUILDING HEIGHT PROPOSED: N/A
BUILDING SETBACKS: FRONT 40', SIDE 15', REAR 25'
CONSTRUCTION TYPE: II-B
PROPOSED SEWER FLOW: N/A
PROPOSED FIRE FLOW: N/A
PROPOSED IMPERVIOUS SURFACE AREA: N/A

DRAWING INDEX:

SITE - CIVIL
 C-0.00 COVER SHEET
 C-2.01 EXISTING CONDITIONS & DEMO PLAN
 C-4.01 EROSION CONTROL PLAN - PHASE I
 C-4.02 EROSION CONTROL PLAN - PHASE II
 C-5.01 SITE, GRADING & UTILITY PLAN
 C-7.00 EROSION CONTROL DETAILS
 C-7.01 EROSION CONTROL DETAILS
 C-9.00 UTILITY & STORM DETAILS

VICINITY MAP



SCALE - 1 IN. = 500 FT.

WAYNE COUNTY PUBLIC SCHOOLS
ROSEWOOD MIDDLE SCHOOL ADDITION

541 NORTH CAROLINA 581 S
GOLDSBORO, NC 27530

C-0.00



CLH DESIGN, P.A.
400 Regency Forest Drive
Suite 130
Cary, North Carolina 27518
Phone: (919) 211-8719
Fax: (919) 211-7616
LA: C-108, PE: C-1888

PROJECT INFORMATION

**ROSEWOOD MIDDLE SCHOOL ADDITION
WAYNE COUNTY PUBLIC SCHOOLS**

541 North Carolina 581 S., Goldsboro, NC 27530

SEALS

DKA JOB NUMBER
2401

REVISIONS

No.	DATE	DESCRIPTION
1	1/08/2024	ADDENDUM #1

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PA: RENEE PFEIFER
PM: RW
Drawn By: PH
Plot Date: 08/28/2024

DATE ISSUED
EARLY SITE DEMO
ADDENDUM #1
AUGUST 28, 2024

SHEET TITLE
EXISTING
CONDITIONS & DEMO
PLAN

C-2.01

LEGEND

STRUCTURES/UTILITIES TO BE REMOVED	STRUCTURES/UTILITIES TO REMAIN
OVERHEAD ELECTRICAL ----- E -----	OVERHEAD ELECTRICAL ----- E -----
UNDERGROUND ELECTRICAL ----- UE -----	UNDERGROUND ELECTRICAL ----- UE -----
FIRE PROTECTION ----- FP -----	FIRE PROTECTION ----- FP -----
GAS ----- G -----	GAS ----- G -----
SANITARY SEWER ----- SS -----	SANITARY SEWER ----- SS -----
TELEPHONE ----- T -----	TELEPHONE ----- T -----
UNDERGROUND TELEPHONE ----- UT -----	UNDERGROUND TELEPHONE ----- UT -----
FIBER OPTIC ----- FO -----	FIBER OPTIC ----- FO -----
WATER ----- W -----	WATER ----- W -----
FORCE MAIN ----- FM -----	FORCE MAIN ----- FM -----
STORM DRAIN ----- SD -----	STORM DRAIN ----- SD -----
INDIVIDUAL TREE TO BE REMOVED	INDIVIDUAL TREE TO REMAIN
LIGHT POLE	LIGHT POLE
UTILITY POLE	UTILITY POLE
MANHOLE	MANHOLE
CLEAN OUT	CLEAN OUT
DROP INLET/CATCH BASIN	DROP INLET/CATCH BASIN
FIRE HYDRANT	FIRE HYDRANT
WATER VALVE	WATER VALVE
CONSTR./CLEARING LIMITS	PAVEMENT, S/W, C&G TO BE REMOVED
TREE PROTECTION FENCE	BUILDING/STRUCTURE TO BE REMOVED

- KEY NOTES**
- TEMPORARY TREE PROTECTION FENCE
 - CLEAR AND GRUB, STRIP TOPSOIL WITHIN CONSTRUCTION LIMITS.
 - REMOVE STRUCTURE/UTILITY.
 - EXISTING UTILITY LINE/STRUCTURE TO BE REMOVED/RELOCATED BY LOCAL UTILITY COMPANY. LOCAL UTILITY COMPANY SHALL DETERMINE THE LIMITS AND EXTENT OF REMOVAL/RELOCATION OF UTILITIES REQUIRED FOR NEW CONSTRUCTION. COORDINATE SCHEDULING AND WORK WITH LOCAL UTILITY COMPANY AND ARCHITECT/OWNER.
 - REMOVE SIGN AND POST. CONTRACTOR TO STORE SIGN AND POST DURING CONSTRUCTION AND RELOCATE AS INDICATED ON STANDING PLAN. RETURN REMAINING SIGNS TO OWNER.
 - CAP AND ABANDON UTILITY IN ACCORDANCE WITH SPECIFICATIONS.
 - SAW CUT AND REMOVE ASPHALT, CONCRETE AND CURB & GUTTER
 - ROOF DRAIN DOWNSPOUTS TO BE CUT ABOVE GRADE
 - ESTIMATE WATER METER TO BE ABANDONED PER LOCAL UTILITY COMPANY STANDARDS.
 - APPROXIMATE LOCATION BASED ON INFORMATION FROM WPCS. CONTRACTOR TO FIELD VERIFY LOCATIONS.
 - REMOVE EXISTING BUS STRIPING.

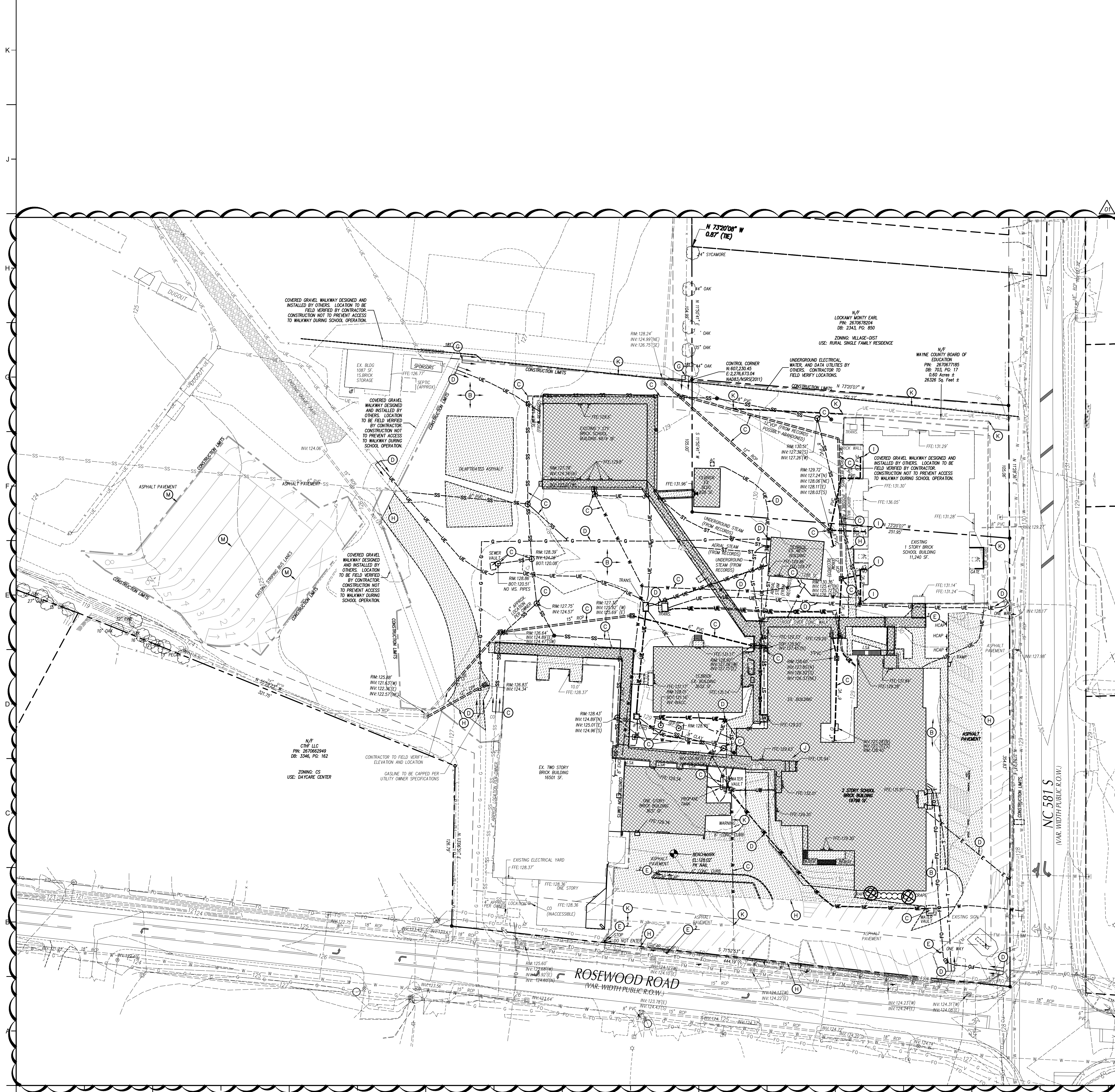
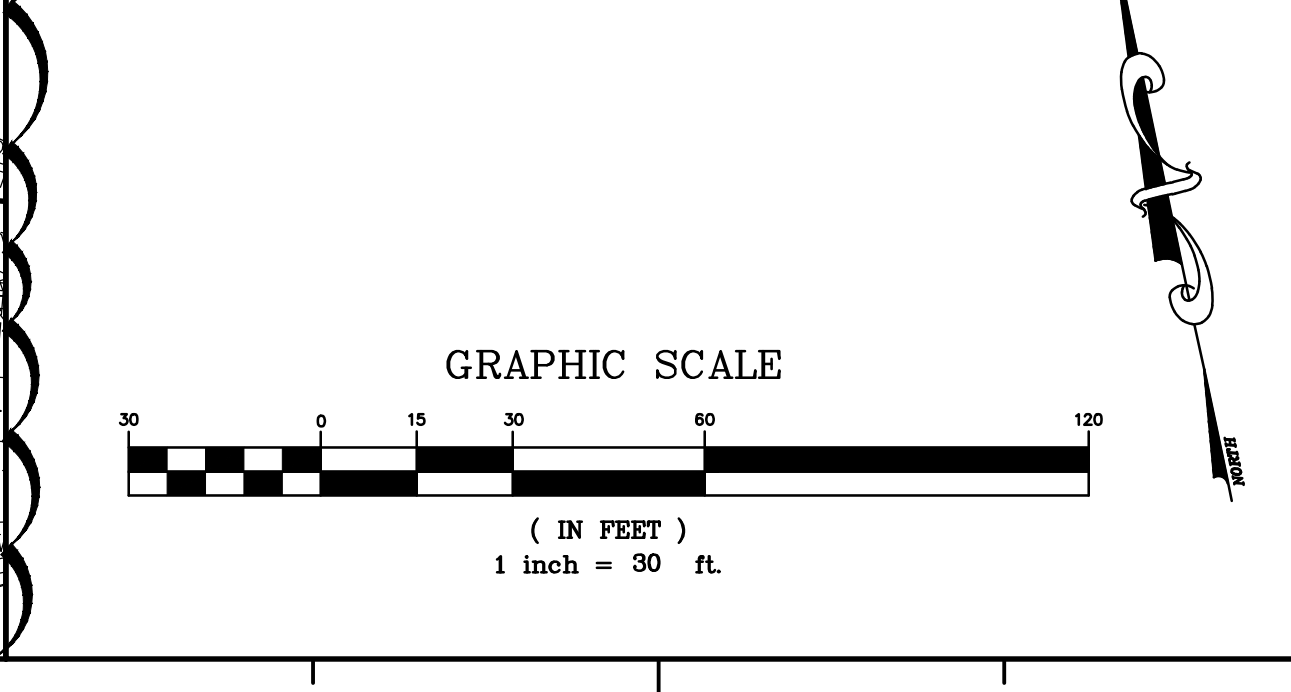
- GENERAL NOTES**
- ALL EXISTING STRUCTURES AND UTILITIES SHALL BE REMOVED AS NEEDED TO ALLOW NEW CONSTRUCTION. IN GENERAL, FEATURES INDICATED IN BOLD ON THIS PLAN SHALL BE REMOVED.
 - ALL PAVEMENT OF CONCRETE TO BE REMOVED SHALL BE SAW CUT TO PROVIDE A STRAIGHT AND UNIFORM JOINT FOR NEW PAVEMENT, SIDEWALK, OR CURB AND GUTTER, ETC. ANY EXISTING PAVEMENT, SIDEWALK, CURB AND GUTTER, ETC. THAT MUST BE REMOVED TO ALLOW NEW CONSTRUCTION SHALL BE REMOVED AND REPAIRED PER THE SPECIFICATIONS AND DETAILS OR TO MATCH PRE-CONSTRUCTION CONDITIONS (WHETHER OR NOT SHOWN ON THE DRAWINGS TO BE REMOVED).
 - ALL UTILITIES OR STRUCTURES NOT INDICATED FOR REMOVAL OR MODIFICATION ARE TO REMAIN AND BE PROTECTED FROM DAMAGE.
 - ALL WASTE MATERIAL GENERATED FROM DEMOLITION ACTIVITIES SHALL BE DISPOSED OF OFF-SITE IN ACCORDANCE WITH ALL APPLICABLE RULES AND REGULATIONS.
 - EXISTING SITE BOUNDARY AND TOPOGRAPHIC SURVEY INFORMATION TAKEN FROM SURVEY BY STOKES SURVEYING & MAPPING, PLLC PERFORMED 03/28/2024. THESE PLANS DO NOT ASSUME ANY LIABILITY FOR ANY EXISTING INFORMATION NOT SHOWN AND ANY CHANGES TO THE EXISTING CONDITIONS THAT MAY HAVE OCCURRED AFTER THE SURVEY WAS ISSUED. CONTRACTOR SHALL VERIFY ALL EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION.
 - INSTALL TREE PROTECTION FENCING PRIOR TO BEGINNING CLEARING OPERATIONS. CLEAR AND GRUB ALL AREAS AS SHOWN AND REQUIRED TO PREVENT INSTALLATION OF NEW CONSTRUCTION PER SPECIFICATIONS AND DRAWINGS. EXISTING TREES, SHRUBS OR OTHER LANDSCAPE MATERIAL WHICH WILL CONFLICT WITH NEW CONSTRUCTION SHALL BE REMOVED (WHETHER OR NOT SHOWN ON THE DRAWINGS). ALL CONTRACTORS SHALL VISIT THE SITE AND OBSERVE EXISTING CONDITIONS PRIOR TO BIDDING.
 - TO MINIMIZE DAMAGE TO EXISTING TREES NEAR THE INTERIOR EDGE OF CLEARING LIMITS, THE CONTRACTOR SHALL CUT 2'-FT DEEP TRENCHES ALONG THE LIMITS OF DISTURBANCE, SO AS TO CUT, RATHER THAN TEAR ROOTS.
 - PRIOR TO DEMOLISHING EXISTING STRUCTURES, MAKE AN INSPECTION FOR ANY HAZARDOUS MATERIALS. CONTACT ARCHITECT IMMEDIATELY IF ANY HAZARDOUS MATERIALS ARE DISCOVERED. CAP AND REMOVE UTILITY SERVICES, FUEL TANKS AND SEPTIC SYSTEMS. ALL WORK TO BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.
 - VERIFY ALL ILLUSTRATED UNDERGROUND ELEMENTS/UTILITIES EXERCISE REASONABLE EFFORTS TO PROTECT ANY UNKNOWN UNDERGROUND ELEMENTS/UTILITIES. NOTIFY THE ARCHITECT IMMEDIATELY IF UNKNOWN ELEMENTS/UTILITIES ARE DISCOVERED THAT WOULD NECESSITATE MODIFICATION TO THE PROPOSED DESIGN.
 - CONTACT UTILITY LOCATING SERVICE AT LEAST 48-HRS PRIOR TO EXCAVATION.
 - PROTECT ALL ADJACENT PROPERTIES, THE GENERAL PUBLIC AND ALL OF THE OWNER'S FACILITIES. SHOULD DAMAGES OCCUR, REPAIR IMMEDIATELY AS DIRECTED BY THE ARCHITECT. AREAS TO BE PROTECTED, REPAIRED AND CLEANED SHALL ALSO INCLUDE ANY STAGING AREAS, ACCESS ROUTES AND OTHER EXISTING IMPROVEMENTS WITHIN THE CONSTRUCTION LIMITS THAT ARE TO REMAIN.
 - ALL CONSTRUCTION TO BE IN ACCORDANCE WITH ALL WAYNE COUNTY AND/OR NC DOT STANDARDS AND SPECIFICATIONS.
 - ALL EXISTING VAULTS, MANHOLES, STORM DRAIN STRUCTURES, CLEANOUTS, ETC. SHALL BE ADJUSTED AS NEEDED TO MATCH FINISH GRADE.
 - DEMOLITION AND PATCHING OF PAVEMENT, SIDEWALK, CURB AND GUTTER AND OTHER EXISTING PAVED SURFACES IN ADDITION TO THAT INDICATED ON THIS PLAN SHALL BE PERFORMED AS REQUIRED TO CONSTRUCT AND INSTALL NEW UTILITIES.
 - THIS SITE IS NOT LOCATED WITHIN SPECIAL FLOOD HAZARD AREAS AS DETERMINED BY FEMA AND DEPICTED ON FEMA MAP 37020B000C, DATED 06/20/2004 AS BEING WITHIN ONE (1)-FOOT OTHER AREAS WITHIN 100-YEAR FLOOD PLAIN.
 - NO WORK SHALL BE PERFORMED ON RIGHT-OF-WAYS OR ADJACENT PROPERTIES UNTIL THE OWNER NOTIFIES CONTRACTOR IN WRITING OF PROCUREMENT OF APPROPRIATE PERMITS, EASEMENTS, AGREEMENTS, OR RIGHTS-OF-WAY.

- TRAFFIC CONTROL NOTES**
- ALL SITE SIGNAGE SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND NC DOT STANDARDS.

SIGN	MUTCD STD.	SIZE
STOP	R1-1	30"x30"
ONE WAY	R6-1	24"x30"
DO NOT ENTER (ONE)	R6-2	30"x30"
YIELD	R2-1 WITH R1-2OP	30"x30"
NO PARKING ANY TIME FIRE LANE	12-5B	12"x6"
LEFT TURN ONLY	R3-5L	30"x36"
 - ALL SIGNS SHALL BE MOUNTED WITH 7'-FT MIN. VERTICAL CLEARANCE TO THE BOTTOM OF THE SIGN ON 3-LB. GALV. STEEL U-CHEANNEL POST SET IN 3'-FT DEEP x 12"-IN DIA. CONCRETE FOOTING.
 - ALL PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE MUTCD AND NC DOT STANDARDS AND THE PROJECT SPECIFICATIONS.

MARKING	NC DOT STD.	SIZE	COLOR
PARKING SPACES	1205.07(W)-145	4'-IN	WHT.
CROSSWALK	1205.07(STANDARD)	8'-IN	WHT.
DIRECTIONAL ARROWS	1205.08	5-D.	WHT.
NO PARKING - FIRE LANE *	1205.01	4'-IN	WHT.
STOP	1205.01	4'-IN	WHT.
MINI-STOP (3'-9" TYPE)	1205.01	4'-IN	WHT.
SOLID	1205.09	8'-IN	WHT.
DIAGONAL STOP BAR	1205.01	2'-IN	WHT.
DOUBLE YELLOW	1205.01	4'-IN	WHT.

 * NO PARKING - FIRE LANE MARKING SHALL BE THERMOPLASTIC AND CONFORM TO TOPN OF STANDARD SPECIFICATION 03050.D FIRE LANE STRIPING AND CONSIST OF A 4" SOLID YELLOW STRIPE AND 8" HIGH YELLOW TEXT "NO PARKING - FIRE LANE" AT 40' INTERVALS.
 - ALL PAVEMENT MARKINGS SHALL BE LATEX WATERBORNE EMULSION, LEAD AND CHROMATE FREE, READY MIXED CONFORMING WITH FS-17-1495D, TYPE I WITH A DRYING TIME OF LESS THAN 65-MINS.
 - ALL SIGNAGE SHALL BE FIELD STAGED AND THE LOCATIONS APPROVED BY CLH DESIGN PRIOR TO SIGN INSTALLATION.
 - CENTER ALL DIRECTIONAL ARROWS WITHIN TRAVEL LANE.
 - COORDINATE FIRE LANE MARKINGS WITH WAYNE COUNTY FIRE MARSHAL.
 - ALL SIGNS SHALL USE PRISMATIC SHEETING THAT MEETS MINIMUM REFLECTIVITY STANDARDS FOUND IN THE LATEST EDITION OF THE MUTCD.



LEGEND

	TEMP. GRAVEL CONTR. ENTRANCE SEE DETAIL SHEET 7.1		EXISTING CONTOUR
	TEMP. INLET PROTECTION DEVICE SEE DETAIL SHEET 7.1		FINISHED CONTOUR
	TEMP. SILT FENCE SEE DETAIL SHEET 7.1		TEMP. CONTOUR (TEMP. GRADES DURING CONSTR.)
	TEMP. REINFORCED SILT FENCE (OUTLET, SEE DETAIL SHEET 7.1)		TEMP. ROCK PIPE INLET PROTECTION SEE DETAIL SHEET 7.0
	TEMP. CONCRETE WASHOUT AREA SEE DETAIL SHEET 7.1		TEMP. COMPOST SOCK SEE DETAIL SHEET 7.0
	TEMP. J-HOOK PROTECTION SEE DETAIL SHEET 7.1		PROPOSED STORM SEWER PIPES
	TEMP. EXCAVATED INLET SEE DETAIL SHEET 7.1		EXISTING STORM SEWER PIPES
			CONSTRUCTION LIMITS UNLESS OTHERWISE NOTED
			TEMP. COMPOST SOCK INLET PROTECTION, SEE DETAIL SHEET 7.1
			TEMP. COMPOST SOCK INLET PROTECTION DEVICE SEE DETAIL SHEET 7.1

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL CITY OF GOLDSBORO, NCEOD, AND NCDOT STANDARDS SPECIFICATIONS AND DETAILS.
- THE CONTRACTOR SHALL COMPLY WITH ALL STATE AND LOCAL CODES IN OBSERVING EROSION CONTROL MEASURES BOTH ON AND OFF SITE. ALL OFF-SITE SOIL BORROW AND WASTE SITES SHALL BE PROPERLY PERMITTED FOR SUCH ACTIVITY. CONTRACTOR SHALL PROVIDE WRITTEN DOCUMENTATION OF SEDIMENT & EROSION CONTROL PERMIT FOR ANY OFF-SITE SITES TO OWNER PRIOR TO RELOCATING ANY STOCKPILE MATERIALS.
- THE CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL DEVICES AFTER EACH RAINFALL EVENT OR AS DIRECTED BY LOCAL AUTHORITIES OR ARCHITECT.
- TOTAL DISTURBED AREA: 4 AC.
- ALL STORM DRAINAGE SHALL BE PROTECTED WITH STONE FILTER PROTECTION AFTER WORK STOPPAGE EACH DAY. SEE DETAIL SHEET 7.1.
- ALL STORM DRAINAGE SHALL BE THOROUGHLY FLUSHED OF ALL SEDIMENT FOLLOWING SITE STABILIZATION. INTERIOR FLUSHING OF SYSTEM SHALL BE PERFORMED AS NEEDED TO MAINTAIN PROPER FUNCTIONING OF THE DRAINAGE SYSTEM. CLEANING SHALL BE PERFORMED IN A MANNER WHICH PREVENTS SEDIMENT FROM BEING FLUSHED THROUGH PIPES TO THE EXISTING DRAINAGE SYSTEM.
- THE INDICATED STAGING AREAS INTENDED FOR VEHICLES AND NON-ERODIBLE MATERIALS ONLY. NO SOIL, SAND OR OTHER ERODIBLE, FINE GRAINED MATERIAL SHALL BE STORED OUTSIDE OF THE LIMITS OF THE SITE PROTECTED BY SEDIMENT AND EROSION CONTROL DEVICES AND MEASURES.
- SOIL AND OTHER MATERIALS SHALL ONLY BE TEMPORARILY STOCKPILED WITHIN THE CONSTRUCTION LIMITS PROTECTED BY SEDIMENT AND EROSION CONTROL DEVICES AND MEASURES. STOCKPILES SHALL BE STABILIZED AS REQUIRED, AS INDICATED IN THE SLOPE SURFACE AND STABILIZATION NOTES ON THIS PLAN.
- THE TREE PROTECTION FENCING SHALL BE MAINTAINED ON THE SITE UNTIL ALL SITE WORK IS COMPLETED AND THE FINAL SITE INSPECTION IS SCHEDULED PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY. THE FENCING SHALL BE REMOVED IMMEDIATELY PRIOR TO THE FINAL SITE INSPECTION FOR THE SITE.
- TREE PROTECTION FENCING SHALL NOT BE MOVED AND THERE SHALL BE NO ENCROACHMENT INTO SUCH PROTECTED AREAS WITHOUT WRITTEN AUTHORIZATION OF THE COUNTY ZONING COMPLIANCE STAFF. ANY ACTIVITY (LANDSCAPING, FENCING, OR UTILITY INSTALLATION) SHOWN ON THE APPROVED PLANS IN A TREE PROTECTION FENCING SHALL NOT OCCUR WITHOUT WRITTEN AUTHORIZATION FROM THE COUNTY ZONING COMPLIANCE STAFF. ANY UNAUTHORIZED ENCROACHMENT OR DISTURBANCE WITHIN THE BOUNDARIES OF A DAMAGED VEGETATION SHALL AUTOMATICALLY RESULT IN THE CANCELLATION AND THE CANCELLATION OF ANY DAMAGED VEGETATION IN ACCORDANCE WITH THE LAND DEVELOPMENT ORDINANCE.
- ROADSIDE DITCHES AND CHANNELS SHALL BE STABILIZED DAILY UNTIL PERMANENT GROUND COVER IS ESTABLISHED.
- INSTALL TEMPORARY MATTING TO TOP OF ALL SLOPE SLOPES ON CHANNELS, DIVERSION DITCHES AND TEMPORARY SEDIMENT BASINS. SEE SHEET C-7.0 FOR PERMANENT CHANNELS AND C-7.02 FOR TEMPORARY DIVERSION DITCHES FOR TYPE OF MATTING TO USE.
- ANY REMOVAL OF STORM UTILITY DEVICES FOR MAINTENANCE, REMOVAL OR CONVERSION PURPOSES IS TO BE DONE THROUGH A SILT BAG.
- INSTALL SEDIMENTATION TRAP AND UTILITY DEVICES TO BE DONE THROUGH A SILT BAG.
- GROUND COVER IS TO BE APPLIED PER CONDITIONS OF THE NPDES PERMIT OR AT THE END OF THE DAY IN CONFORMANCE WITH THE NPDES PERMIT.
- CONTRACTOR SHALL USE TIRE WASH STATION TO PREVENT SEDIMENT FROM TRACKING ONTO THE ROAD IF CONSTRUCTION ENTRANCE IS FOUND INSUFFICIENT AT REDUCED RAIN-OFF TURBIDITY. SEE SPECS.
- CONTRACTOR SHALL UTILIZE PAUL FLOODGATES TO ADDITIONAL RAIN-OFF TURBIDITY. SEE SPECS.

MAINTENANCE PLAN

- DURING ALL PHASES OF CONSTRUCTION, GROUND COVER ON EXPOSED SLOPES SHALL BE PROVIDED ACCORDING TO GROUND STABILIZATION TABLE (SHEET C-7.0) FOLLOWING COMPLETION OF ANY PHASE OF GRADING.
- FINAL PERMANENT GROUND COVER FOR ALL DISTURBED AREAS SHALL BE PROVIDED ON ALL DISTURBED AREAS ACCORDING TO GROUND STABILIZATION TABLE (SHEET C-7.0) FOLLOWING COMPLETION OF CONSTRUCTION OR DEVELOPMENT.
- THE ABOVE REQUIREMENTS ARE THE MINIMUM NECESSARY TO MEET EROSION AND SEDIMENT CONTROL REGULATIONS. THE CONTRACT DOCUMENTS INCLUDE ADDITIONAL SEEDING AND STABILIZATION REQUIREMENTS AND SCHEDULES WHICH MAY EXCEED THOSE ABOVE.
- EROSION CONTROL MATTING SHALL BE INSTALLED FOR TEMPORARY STABILIZATION DURING THE ESTABLISHMENT OF VEGETATIVE COVER ON ALL STEEP SLOPES (6:1 OR STEEPER). REFER TO MATERIAL SPECIFICATIONS. INSTALL MATTING PER MANUFACTURER'S INSTRUCTIONS.
- ALL OTHER SEEDING AREAS TO BE COVERED WITH STRAW OR OTHER MULCHES AND TACKPANS.

SELF-INSPECTION RULES

SEE SHEET C-7.0 FOR SELF-INSPECTION REQUIREMENTS.

THE FINANCIALLY RESPONSIBLE PERSON AND/OR HIS AGENT WILL BE PERFORM SELF INSPECTIONS OF THE EROSION AND SEDIMENTATION CONTROL MEASURES USING NCEOD'S SELF INSPECTION REPORT (NCSR) AND THIS WILL BE KEPT ON SITE.

SLOPE & SURFACE STABILIZATION

GROUND STABILIZATION SHALL BE PROVIDED ON ALL DISTURBED AREAS ACCORDING TO GROUND STABILIZATION NOTES, SEE SHEET C-7.0.

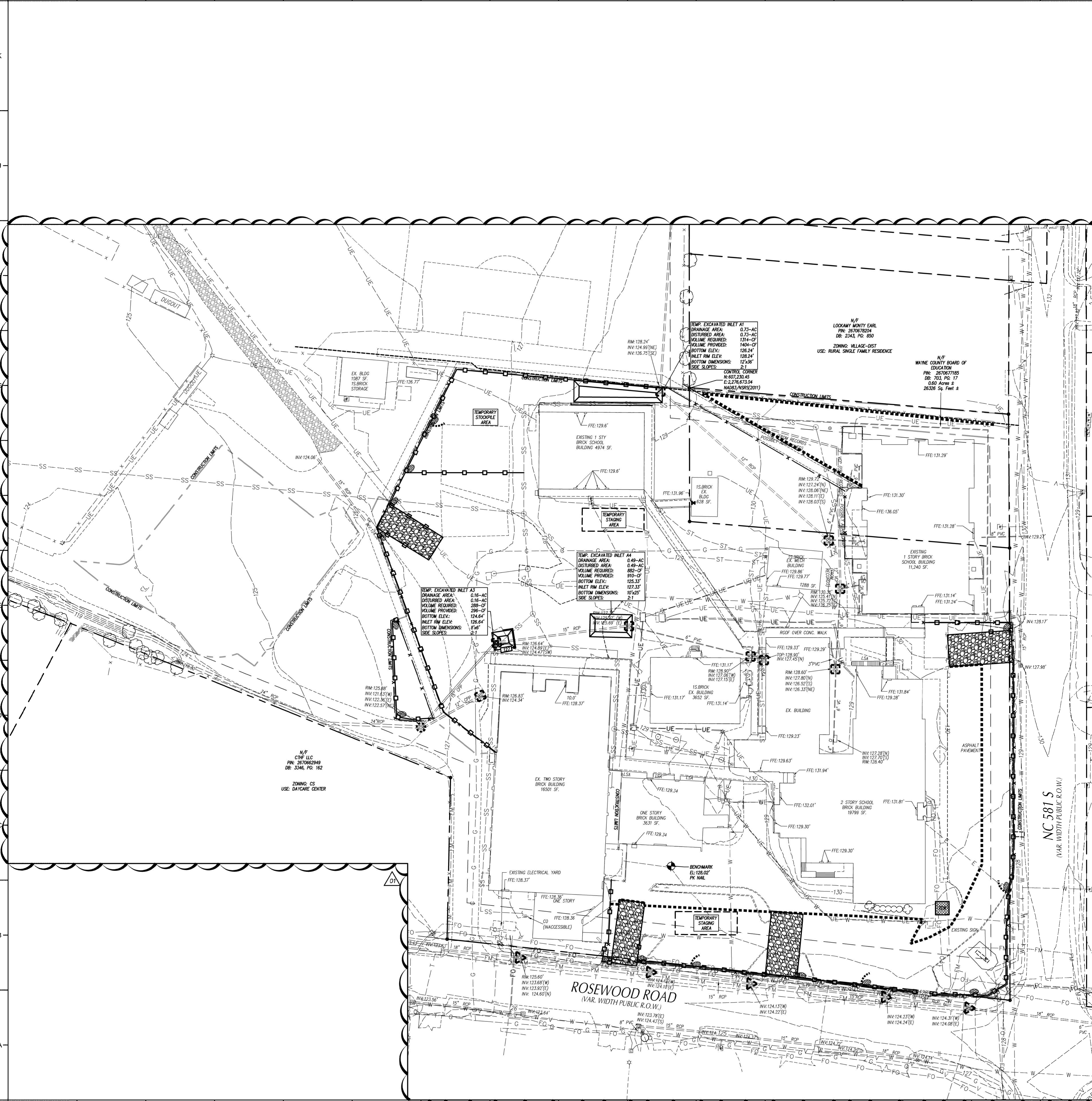
EXTENSIONS OF TIME MAY BE APPROVED BY THE PERMITTING AGENCY BASED ON WEATHER OR OTHER SITE-SPECIFIC CONDITIONS THAT MAKE COMPLIANCE IMPRACTICABLE (SECTION 1.02)(D).

THE REQUIREMENTS ON SHEET C-7.0 ARE THE MINIMUM NECESSARY TO MEET EROSION AND SEDIMENT CONTROL REGULATIONS. THE CONTRACT DOCUMENTS INCLUDE ADDITIONAL SEEDING AND STABILIZATION REQUIREMENTS AND SCHEDULES WHICH MAY EXCEED MINIMUM REQUIREMENTS.

INSTALL TEMPORARY EXCELOR MATTING FOR STABILIZATION DURING THE ESTABLISHMENT OF VEGETATIVE COVER ON ALL STEEP SLOPES (6:1 OR STEEPER) AND AREAS OF CONCENTRATED FLOW (CHANNELS, DITCHES, SWALES, ETC.) UTILIZE TEMPORARY COCKING MAT IN AREAS IDENTIFIED ON PLAN. REFER TO SPECIFICATION SECTION 312001 FOR MATERIAL SPECIFICATIONS. INSTALL MATTING PER MANUFACTURER'S INSTRUCTIONS.

CONSTRUCTION SEQUENCE - EARLY SITE DEMO

- EROSION AND SEDIMENT CONTROL (ESCC) PERMIT AND A CERTIFICATE OF COVERAGE (COC) MUST BE OBTAINED BEFORE AND LAND DISTURBING ACTIVITIES OCCUR. THE COC CAN BE OBTAINED BY FILING OUT THE ELECTRONIC NOTICE OF INTENT (E-NOI) FORM AT REG.AG.COVA.NC.GOV. PLEASE NOTE, THE E-NOI FORM MAY ONLY BE FILLED OUT ONCE THE PLANS HAVE BEEN APPROVED. A COPY OF THE ESCC PERMIT, THE COC, AND A HARD COPY OF THE PLAN MUST BE KEPT ON SITE, PREFERABLY IN A PERMITS BOX, AND ACCESSIBLE DURING INSPECTION.
- INSTALL TREE PROTECTION FENCING.
- OBTAIN APPROVED PLAN AND APPROVAL PLACARD. A COPY OF THE APPROVED PLAN MUST BE ON FILE AT THE JOB SITE.
- CONTACT NC DEQ LOS WASHINGTON OFFICE AT 252-946-6481 TO SCHEDULE PRE-CONSTRUCTION MEETING AT LEAST 72 HOURS PRIOR TO PROJECT ACTIVATION AND PROVIDE NOTIFICATION OF THE PROJECT START-UP DATE.
- CONDUCT PRE-CONSTRUCTION CONFERENCE.
- THE FOLLOWING MUST BE KEPT ON SITE UNTIL THE ESCC PLAN HAS BEEN CLOSED OUT BY LAND-OWNER: RAIN GAUGE, A COPY OF APPROVED ESCC PLAN WITH APPROVAL CERTIFICATE/LETTER, AND NPDES PERMIT WITH A MINIMUM OF MOST RECENT 30 DAYS OF SELF-INSPECTION RECORDS (SEE SELF-INSPECTION REQUIREMENTS BELOW). THESE ITEMS SHOULD BE LOCATED NEAR THE MAIN CONSTRUCTION ENTRANCE. FAILURE TO MAINTAIN THESE ON-SITE VIOLATES THE NPDES PERMIT.
- SELF-INSPECTION FOR EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PERFORMED AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF EVERY RAIN EVENT OF GREATER THAN 1 INCH. ANY NEEDED REPAIRS SHALL BE MADE IMMEDIATELY TO MAINTAIN MEASURES AS SPECIFIED. ALL ESC MEASURES SHALL BE MAINTAINED AS SPECIFIED IN THE CONSTRUCTION DETAILS ON THIS PLAN.
- CONTACT THE DEMAR WASHINGTON REGIONAL OFFICE AT LEAST 48 HOURS PRIOR TO COMMENCING THE LAND-DISTURBING ACTIVITIES.
- INSTALL CONSTRUCTION ENTRANCES, PERIMETER SILT FENCES, REINFORCED OUTLET PROTECTION, J-HOOK OUTLETS PROTECTION, TEMPORARY COMPOST SOCKS, AND TEMPORARY INLET PROTECTION DEVICES ON EXISTING INLETS.
- CLEAN AND GRUB AREAS ONLY AS REQUIRED FOR INSTALLATION OF INITIAL SEDIMENT CONTROL MEASURES.
- INSTALL TEMPORARY EXCAVATED INLET PROTECTION AT ALL A-3 & A-4 SLOPED SURFACES OF THE TEMPORARY BASIN SHALL BE SEED AND MATTED UPON INSTALLATION. ALL DISTURBED AREAS ARE TO BE STABILIZED UNDER CONDITIONS OUTLINED IN THE CURRENT NPDES PERMIT.
- CALL FOR INSPECTION OF INSTALLED DEVICES.
- ESTABLISH STAGING AREAS, CONCRETE WASHOUTS, AND STOCKPILE AREA IN LOCATIONS SHOWN ON PLAN.



GRAPHIC SCALE

(IN FEET)
1 inch = 50 ft

LEGEND

	TEMP. GRAVEL CONTR. ENTRANCE SEE DETAIL SHEET 7.1		EXISTING CONTOUR
	TEMP. INLET PROTECTION DEVICE SEE DETAIL SHEET 7.1		FINISHED CONTOUR
	TEMP. SILT FENCE SEE DETAIL SHEET 7.1		TEMP. CONTOUR (TEMP. GRADES DURING CONSTR.)
	TEMP. REINFORCED SILT FENCE OUTLET, SEE DETAIL SHEET 7.1		TEMP. ROCK PIPE INLET PROTECTION SEE DETAIL SHEET 7.0
	TEMP. CONCRETE WASHOUT AREA SEE DETAIL SHEET 7.1		TEMP. COMPOST SOCK SEE DETAIL SHEET 7.0
	TEMP. J-HOOK PROTECTION SEE DETAIL SHEET 7.1		PROPOSED STORM SEWER PIPES
	TEMP. EXCAVATED INLET SEE DETAIL SHEET 7.1		EXISTING STORM SEWER PIPES
			CONSTRUCTION LIMITS UNLESS OTHERWISE NOTED
			TEMP. COMPOST SOCK INLET PROTECTION, SEE DETAIL SHEET 7.1
			TEMP. COMPOST SOCK INLET PROTECTION DEVICE SEE DETAIL SHEET 7.1

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL CITY OF GOLDSBORO, NCEOD, AND NCDOT STANDARDS, SPECIFICATIONS AND DETAILS.
- THE CONTRACTOR SHALL COMPLY WITH ALL STATE AND LOCAL CODES IN OBSERVING EROSION CONTROL MEASURES BOTH ON AND OFF SITE. ALL OFF-SITE SOIL BORROW AND WASTE SITES SHALL BE PROPERLY PERMITTED FOR SUCH ACTIVITIES. CONTRACTOR SHALL PROVIDE WRITTEN DOCUMENTATION OF SEDIMENT & EROSION CONTROL PERMIT FOR ANY OFF-SITE SITES TO OWNER PRIOR TO RELOCATING ANY STOCKPILE MATERIALS.
- THE CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL DEVICES AFTER EACH RAINFALL EVENT OR AS DIRECTED BY LOCAL AUTHORITIES OR ARCHITECT.
- TOTAL DISTURBED AREA: 4 AC.
- ALL STORM DRAINAGE SHALL BE PROTECTED WITH STONE FILTER PROTECTION AFTER WORK STOPPAGE EACH DAY. SEE DETAIL SHEET C7.1.
- ALL STORM DRAINAGE SYSTEMS SHALL BE THOROUGHLY FLUSHED OF ALL SEDIMENT FOLLOWING SITE STABILIZATION. INTERIOR FLUSHING OF SYSTEM SHALL BE PERFORMED AS NEEDED TO MAINTAIN PROPER FUNCTIONING OF THE DRAINAGE SYSTEM. CLEANING SHALL BE PERFORMED IN A MANNER WHICH PREVENTS SEDIMENT FROM BEING FLUSHED THROUGH PIPES TO THE EXISTING DRAINAGE SYSTEM.
- THE INDICATED STAGING AREAS ARE INTENDED FOR VEHICLES AND NON-ERODIBLE MATERIALS ONLY. NO SOIL, SAND OR OTHER ERODIBLE, FINE GRAINED MATERIAL SHALL BE STORED OUTSIDE OF THE LIMITS OF THE SITE PROTECTED BY SEDIMENT AND EROSION CONTROL DEVICES AND MEASURES.
- SOIL AND OTHER MATERIALS SHALL ONLY BE TEMPORARILY STOCKPILED WITHIN THE CONSTRUCTION LIMITS PROTECTED BY SEDIMENT AND EROSION CONTROL DEVICES AND MEASURES. STOCKPILES SHALL BE STABILIZED AS REQUIRED, AS INDICATED IN THE SLOPE SURFACE STABILIZATION NOTES ON THIS PLAN.
- THE TREE PROTECTION FENCE SHALL BE MAINTAINED ON THE SITE UNTIL ALL SITE WORK IS COMPLETED AND THE FINAL SITE INSPECTION IS SCHEDULED PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY (CO). THE FENCING SHALL BE REMOVED IMMEDIATELY PRIOR TO THE FINAL SITE INSPECTION FOR THE PROJECT.
- TREE PROTECTION FENCING SHALL NOT BE MOVED AND THERE SHALL BE NO ENCROACHMENT INTO SUCH PROTECTED AREAS WITHOUT WRITTEN AUTHORIZATION OF THE COUNTY ZONING COMPLIANCE STAFF. ANY ACTIVITY (LANDSCAPING, FENCING, OR UTILITY INSTALLATION) SHOWN ON THE APPROVED PLANS IN A TREE PROTECTED AREA SHALL NOT OCCUR WITHOUT WRITTEN AUTHORIZATION FROM THE COUNTY ZONING COMPLIANCE STAFF. ANY UNAUTHORIZED ENCROACHMENT OR DISTURBANCE WITHIN THE BOUNDARIES OF A TREE PROTECTED AREA SHALL AUTOMATICALLY RESULT IN THE REVOCATION AND THE CANCELLATION OF ANY DAMAGED VEGETATION IN ACCORDANCE WITH THE LAND DEVELOPMENT ORDINANCE.
- ROADSIDE DITCHES AND CHANNELS SHALL BE STABILIZED DAILY UNTIL PERMANENT GROUND COVER IS ESTABLISHED.
- INSTALL TEMPORARY MATTING TO TOP OF ALL SLOPE SLOPES ON CHANNELS, DIVERSION DITCHES AND TEMPORARY SEDIMENT BASINS. SEE DETAIL SHEET C7.02 (PERMANENT CHANNEL) AND C7.02 (TEMPORARY DIVERSION DITCH) FOR TYPE OF MATTING TO USE.
- ANY REMOVAL OF STORM UTILITY TRENCHES IS TO BE DONE THROUGH A SILT BAG.
- GROUND COVER IS TO BE APPLIED PER CONDITIONS OF THE NPDES PERMIT OR AT THE END OF THE DAY IN CONFORMANCE WITH THE NPDES PERMIT.
- CONTRACTOR SHALL USE TIRE WASH STATION TO PREVENT SEDIMENT FROM TRACKING ONTO THE ROAD IF CONSTRUCTION ENTRANCE IS FOUND INSUFFICIENT AT NO ADDITIONAL COST TO OWNER.
- CONTRACTOR SHALL UTILIZE PAUL FLOODFALLS TO REDUCE RUN-OFF TURBIDITY. SEE SPECS.

MAINTENANCE PLAN

- DURING ALL PHASES OF CONSTRUCTION, GROUND COVER ON EXPOSED SLOPES SHALL BE PROVIDED ACCORDING TO GROUND STABILIZATION TABLE (SHEET C-7.0) FOLLOWING COMPLETION OF ANY PHASE OF GRADING.
- FINAL PERMANENT GROUND COVER FOR ALL DISTURBED AREAS SHALL BE PROVIDED ON ALL DISTURBED AREAS ACCORDING TO GROUND STABILIZATION TABLE (SHEET C-7.0) FOLLOWING COMPLETION OF CONSTRUCTION OR DEVELOPMENT.
- THE ABOVE REQUIREMENTS ARE THE MINIMUM NECESSARY TO MEET EROSION AND SEDIMENT CONTROL REGULATIONS. THE CONTRACT DOCUMENTS INCLUDE ADDITIONAL SEEDING AND STABILIZATION REQUIREMENTS AND SCHEDULES WHICH MAY EXCEED THOSE ABOVE.
- SLOPE EROSION CONTROL MATTING SHALL BE INSTALLED FOR TEMPORARY STABILIZATION DURING THE ESTABLISHMENT OF VEGETATIVE COVER ON ALL STEEP SLOPES (6:1 OR STEEPER). REFER TO MATERIAL SPECIFICATIONS. INSTALL MATTING PER MANUFACTURER'S INSTRUCTIONS.
- ALL OTHER SEEDING AREAS TO BE COVERED WITH STRAW OR OTHER MULCHES AND TACKPANS.

SELF-INSPECTION RULES

SEE SHEET C-7.0 FOR SELF-INSPECTION REQUIREMENTS.

THE FINANCIALLY RESPONSIBLE PERSON AND/OR HIS AGENT WILL BE PERFORM SELF INSPECTIONS OF THE EROSION AND SEDIMENT CONTROL MEASURES USING NCEOD'S SELF INSPECTION REPORT (NPDES) AND THIS WILL BE KEPT ON SITE.

SLOPE & SURFACE STABILIZATION

GROUND STABILIZATION SHALL BE PROVIDED ON ALL DISTURBED AREAS ACCORDING TO GROUND STABILIZATION NOTES. SEE SHEET C-7.0.

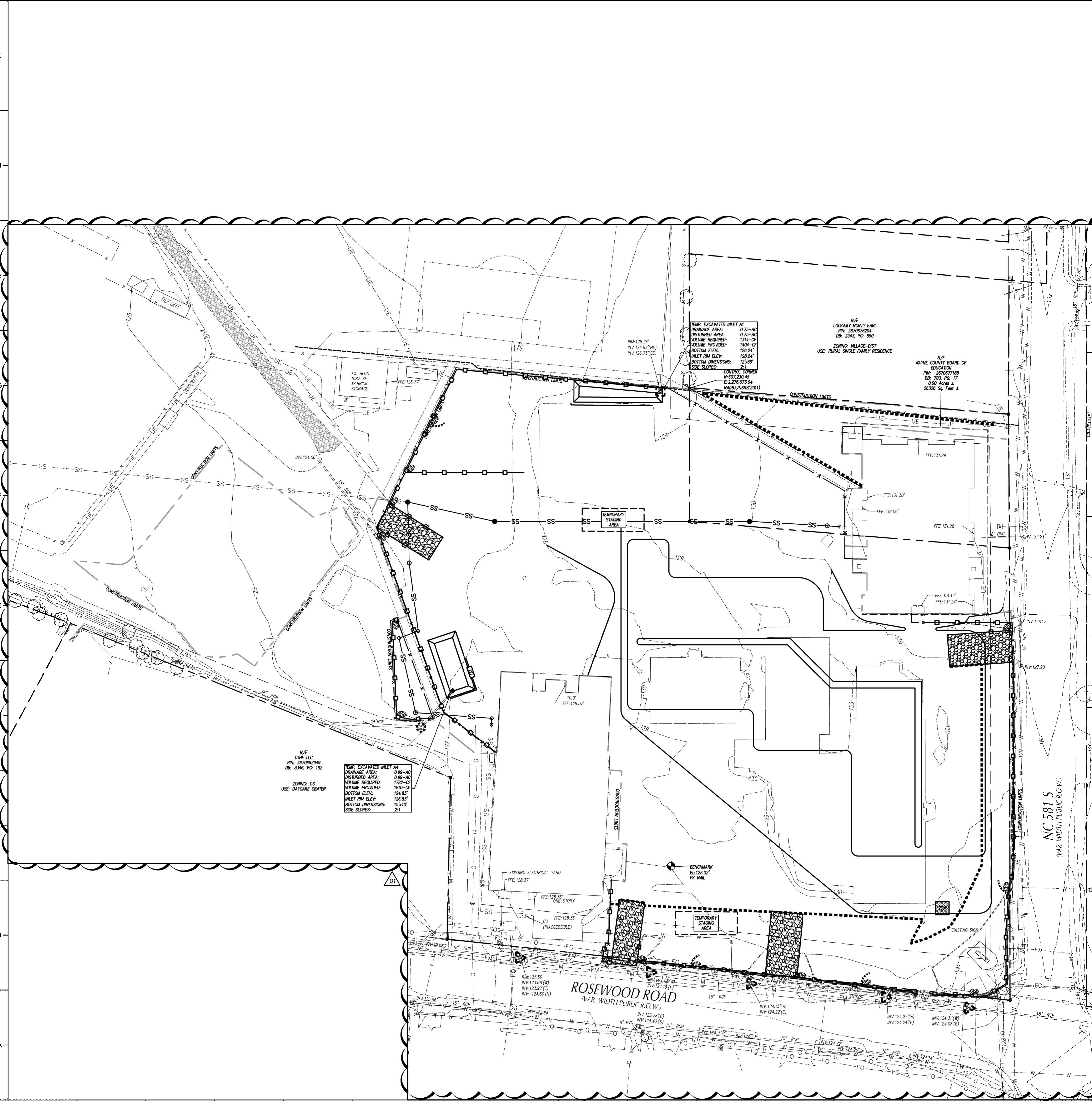
EXTENSIONS OF TIME MAY BE APPROVED BY THE PERMITTING AUTHORITY BASED ON WEATHER OR OTHER SITE-SPECIFIC CONDITIONS THAT MAKE COMPLIANCE IMPRACTICABLE (SECTION 1.02) (I).

THE REQUIREMENTS ON SHEET C-7.0 ARE THE MINIMUM NECESSARY TO MEET EROSION AND SEDIMENT CONTROL REGULATIONS. THE CONTRACT DOCUMENTS INCLUDE ADDITIONAL SEEDING AND STABILIZATION REQUIREMENTS AND SCHEDULES WHICH MAY EXCEED MINIMUM REQUIREMENTS.

INSTALL TEMPORARY EXCELSDOR MATTING FOR STABILIZATION DURING THE ESTABLISHMENT OF VEGETATIVE COVER ON ALL STEEP SLOPES (6:1 OR STEEPER) AND AREAS OF CONCENTRATED FLOW (CHANNELS, DITCHES, SWALES, ETC.). UTILIZE TEMPORARY COCKING MAT IN AREAS IDENTIFIED ON PLAN. REFER TO SPECIFICATION SECTION 312001 FOR MATERIAL SPECIFICATIONS. INSTALL MATTING PER MANUFACTURER'S INSTRUCTIONS.

CONSTRUCTION SEQUENCE - EARLY SITE DEMO

- EROSION AND SEDIMENT CONTROL (ES&C) PERMIT AND A CERTIFICATE OF COVERAGE (COC) MUST BE OBTAINED BEFORE AND LAND DISTURBING ACTIVITIES OCCUR. THE COC CAN BE OBTAINED BY FILING OUT THE ELECTRONIC NOTICE OF INTENT (E-NOI) FORM AT REG.AC.GOV/NOI. PLEASE NOTE, THE E-NOI FORM MAY ONLY BE FILLED OUT ONCE THE PLANS HAVE BEEN APPROVED. A COPY OF THE ES&C PERMIT, THE COC, AND A HARD COPY OF THE PLAN MUST BE KEPT ON SITE, PREFERABLY IN A PERMITS BOX, AND ACCESSIBLE DURING INSPECTION.
- INSTALL TREE PROTECTION FENCING. A COPY OF THE APPROVED PLAN MUST BE ON FILE AT THE JOB SITE.
- OBTAIN APPROVED PLAN AND APPROVAL PLACARD. A COPY OF THE APPROVED PLAN MUST BE ON FILE AT THE JOB SITE.
- CONTACT NC DEQ LOS WASHINGTON OFFICE AT 252-946-6481 TO SCHEDULE PRE-CONSTRUCTION MEETING AT LEAST 72 HOURS PRIOR TO PROJECT ACTIVATION AND PROVIDE NOTIFICATION OF THE PROJECT START-UP DATE.
- CONDUCT PRE-CONSTRUCTION CONFERENCE.
- THE FOLLOWING MUST BE KEPT ON SITE UNTIL THE ES&C PLAN HAS BEEN CLOSED OUT BY LAND QUALITY: RAIN GAUGE, A COPY OF APPROVED ES&C PLAN WITH APPROVAL CERTIFICATE/LETTER, AND NPDES PERMIT WITH A MINIMUM OF MOST RECENT 30 DAYS OF SELF-INSPECTION RECORDS (SEE SELF-INSPECTION REQUIREMENTS BELOW). THESE ITEMS SHOULD BE LOCATED NEAR THE MAIN CONSTRUCTION ENTRANCE. FAILURE TO MAINTAIN THESE ON-SITE VIOLATES THE NPDES PERMIT.
- **SELF-INSPECTION FOR EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PERFORMED AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF EVERY RAIN EVENT OF GREATER THAN 1 INCH. ANY NEEDED REPAIRS SHALL BE MADE IMMEDIATELY TO MAINTAIN MEASURES AS SPECIFIED. ALL ES&C MEASURES SHALL BE MAINTAINED AS SPECIFIED IN THE CONSTRUCTION DETAILS ON THIS PLAN.**
- CONTACT THE DEMAR WASHINGTON REGIONAL OFFICE AT LEAST 48 HOURS PRIOR TO COMMENCING THE LAND-DISTURBING ACTIVITIES.
- INSTALL CONSTRUCTION ENTRANCES, PERMETER SILT FENCES, REINFORCED OUTLET PROTECTION, J-HOOK OUTLETS PROTECTION, TEMPORARY COMPOST SOCKS, AND TEMPORARY INLET PROTECTION DEVICES ON EXISTING INLETS.
- CLEAR AND GRUB AREAS ONLY AS REQUIRED FOR INSTALLATION OF INITIAL SEDIMENT CONTROL MEASURES.
- INSTALL TEMPORARY EXCAVATED INLET PROTECTION AT A2, A3, & A4. SLOPED SURFACES OF THE TEMPORARY BASIN SHALL BE SEEDED AND MATTED UPON INSTALLATION. ALL DISTURBED AREAS ARE TO BE STABILIZED UNDER CONDITIONS OUTLINED IN THE CURRENT NPDES PERMIT.
- CALL FOR INSPECTION OF INSTALLED DEVICES.
- ESTABLISH STAGING AREAS, CONCRETE WASHOUTS, AND STOCKPILE AREA IN LOCATIONS SHOWN ON PLAN.



GRAPHIC SCALE

(IN FEET)
 1 inch = 50 ft

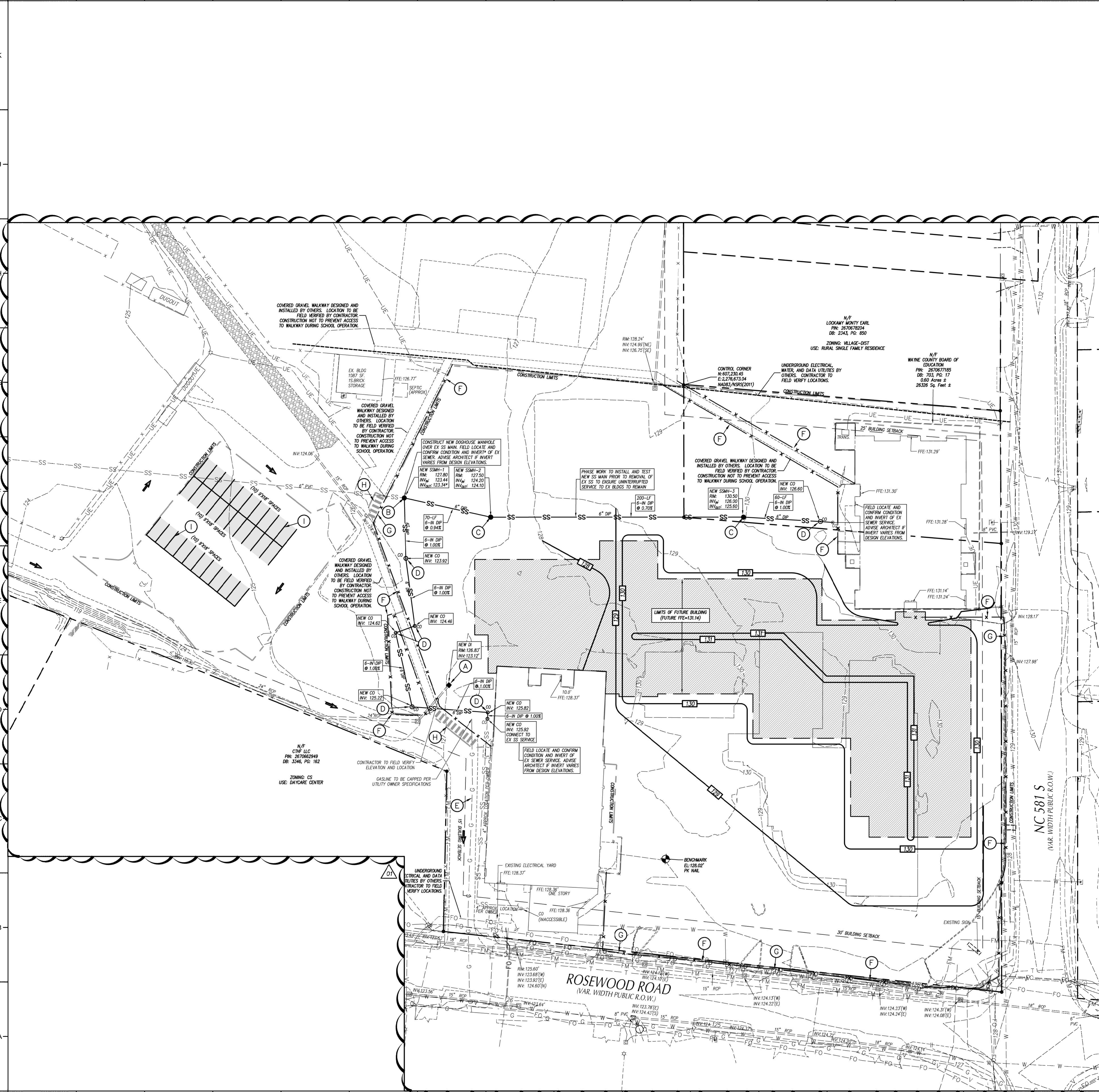
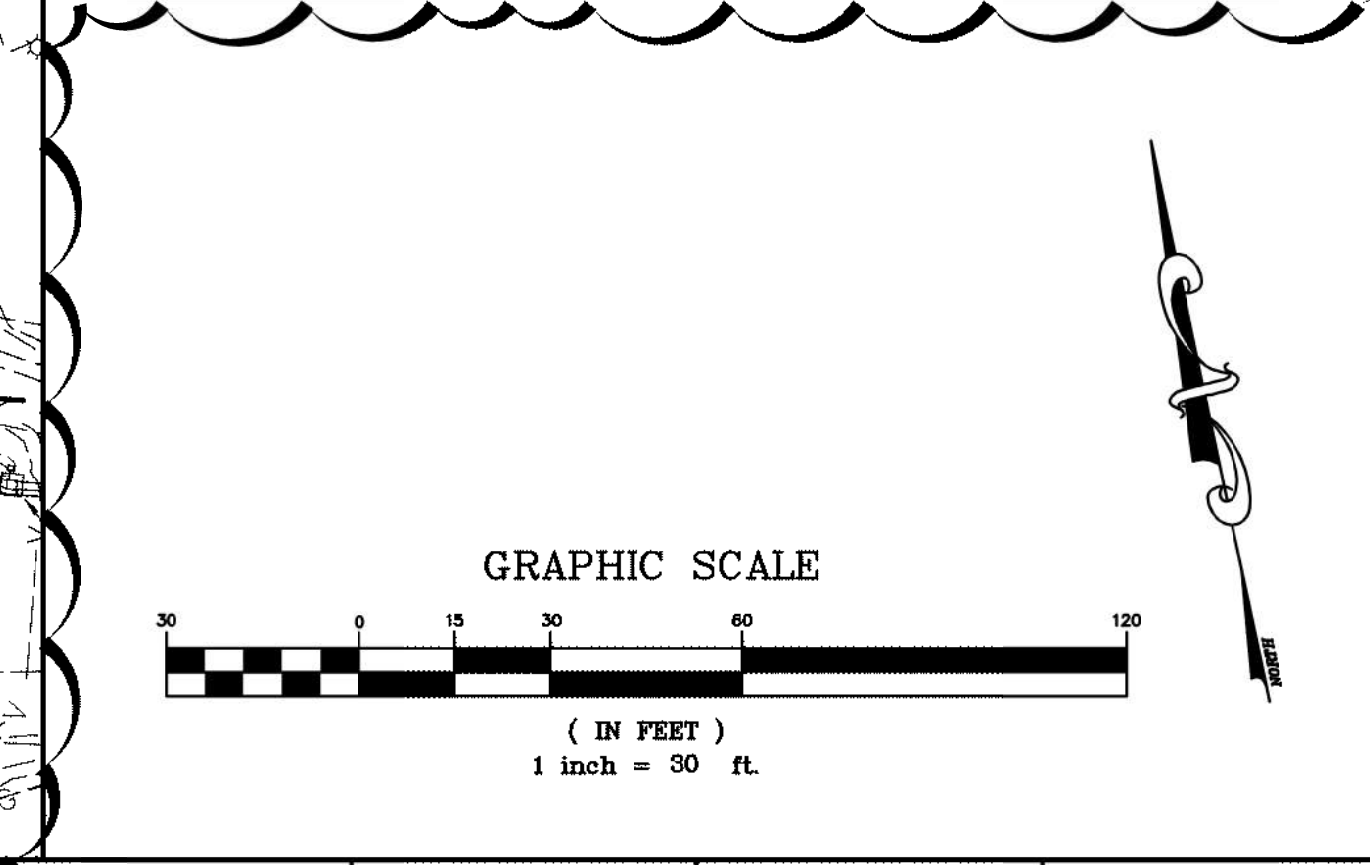
	EXISTING	PROPOSED
CHILLED WATER	---CW---	---CW---
ELECTRICAL (OVERHEAD)	---E---	---E---
ELECTRICAL (UNDERGROUND)	---UE---	---UE---
FOUNDATION DRAIN	---FD---	---FD---
GAS	---G---	---G---
SANITARY SEWER	---SS---	---SS---
TELEPHONE (OVERHEAD)	---T---	---T---
TELEPHONE (UNDERGROUND)	---UT---	---UT---
WATER	---W---	---W---
ROOF DRAIN	---RD---	---RD---
FIRE PROTECTION	---FP---	---FP---
STORM DRAIN	---SD---	---SD---
TREE PROTECTION FENCING, SEE EROSION CONTROL PLANS	---	---
LIGHT POLE	☆ LP	☆ LP
UTILITY POLE	○ PP	○ PP
MANHOLE	○ MH	○ MH
CLEAN OUT	○ CO	○ CO
DROP INLET/CATCH BASIN	□ DI, CB	□ DI, CB
FIRE HYDRANT	⊕ FH	⊕ FH
WATER VALVE	⊕ WV	⊕ WV
POST INDICATOR VALVE (PIV)	⊕ PIV	⊕ PIV
FIRE DEPARTMENT CONNECTION (FDC)	⊕ FDC	⊕ FDC
THRUST BLOCKING	⊕ TB	⊕ TB
SANITARY SEWER STRUCTURE IDENTIFICATION	⊕ SSI	⊕ SSI

	EXISTING CONTOURS	FINAL CONTOURS
EXISTING SURVEY SPOT ELEVATION	270.4'	270.4'
STORM STRUCTURE NUMBER	(A4)	(A4)
EXISTING STORM DRAIN PIPE	---	---
PROPOSED STORM DRAIN PIPE	---	---
PROPOSED FOUNDATION DRAIN PIPE	---	---
LOCATIONS ALONG BUILDING WALLS	---	---
PROPOSED ROOF DRAIN	---	---
TREE PROTECTION FENCE	---	---

- GENERAL NOTES-UTILITY**
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL WAYNE COUNTY AND NC DOT STANDARDS, SPECIFICATIONS AND DETAILS.
 - INSTALL WATER MAINS WITH A COVER OF NO LESS THAN 3'-FT.
 - INSTALL SEWER MAINS WITH A COVER OF NO LESS THAN 3'-FT TO FINISH GRADE IN NON-TRAFFIC AREAS, 4'-FT TO FINISH GRADE IN TRAFFIC AREAS.
 - INSTALL ALL UTILITIES TO PROVIDE REQUIRED CLEARANCES AS INDICATED IN THE SPECIFICATIONS.
 - WATERLINES AND SEWER MAINS SHALL BE INSTALLED WITH A MINIMUM HORIZONTAL CLEARANCE OF 10'-FT.
 - SEWER MAINS SHALL BE INSTALLED WITH A MINIMUM VERTICAL CLEARANCE OF 24"-IN TO STORM DRAINAGE PIPES.
 - COORDINATE AND SCHEDULE INSTALLATION OF ALL UTILITIES WITH OTHER PRIME CONTRACTORS, UTILITY COMPANIES AND OTHER TRADES INCLUDING BUT NOT LIMITED TO: NATURAL GAS, ELECTRICITY, TELEPHONE AND CABLE.
 - VERIFY EXISTING CONDITIONS AND CONNECTIONS TO EXISTING UTILITIES PRIOR TO CONSTRUCTION. NOTIFY ARCHITECT IF ANY DISCREPANCIES ARE DISCOVERED.
 - CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGES DURING CONSTRUCTION AND SHALL MAKE REPAIRS AT NO EXPENSE TO THE OWNER.
 - ALL CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE MCHSIC AND OSHA REQUIREMENTS.
 - THE CONTRACTOR SHALL PROVIDE AN AS-BUILT SURVEY OF ALL UTILITY AND STORM DRAINAGE IMPROVEMENTS FOLLOWING CONSTRUCTION. SEE SPECS FOR ALL AS-BUILT REQUIREMENTS.
 - CONTRACTOR SHALL PROVIDE DEMOLITION AND NEW CONSTRUCTION TO ENSURE UNINTERRUPTED ACCESS AND UTILITY SERVICE TO ADJACENT FACILITIES. COORDINATE SHORT-TERM, OFF-HOUR, TEMPORARY SHUT-DOWNS WITH THE OWNER.
 - SEE GENERAL NOTES ON EXISTING CONDITIONS AND DEMOLITION PLAN FOR REQUIREMENTS FOR REMOVAL AND GRADING OF EXISTING UTILITY INSTALLATION.
 - ALL ROOF DRAINS SHALL BE 6" PVC (SCH 40) @ 1/4" MIN. SLOPE UNLESS INDICATED OTHERWISE. USE DUCTILE IRON WHEN COVER IS LESS THAN 24"-IN.
 - ALL SANITARY SEWER SERVICES SHALL BE 4" PVC (SCH 40) @ 1/4" MIN. SLOPE UNLESS INDICATED OTHERWISE.
 - ALL CONDUITS SHALL BE 1/2" MIN. SLOPE UNLESS INDICATED OTHERWISE.
 - ALL CONDENSATE LINES SHALL BE CONNECTED TO STORM DRAINAGE SYSTEM.
 - NO WORK SHALL BE PERFORMED ON RIGHT-OF-WAYS OR ADJACENT PROPERTIES UNTIL THE OWNER NOTIFIES CONTRACTOR IN WRITING OF PROCUREMENT OF APPROPRIATE PERMITS, EASEMENTS, AGREEMENTS, OR RIGHTS-OF-WAY.

- GENERAL NOTES-GRADING**
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL WAYNE COUNTY AND NC DOT STANDARDS AND SPECIFICATIONS.
 - ALL SPOT ELEVATIONS INDICATED AT CURB AND GUTTER AND ARE DENOTED TO TOP OF CURB, UNLESS OTHERWISE SHOWN.
 - TOTAL DEMOLISHED AREA = 4 AC.
 - CONTRACTOR SHALL ADJUST ALL EXISTING VAULTS, MANHOLES, STORM DRAIN STRUCTURES, CLEANOUTS, ETC. AS NEEDED TO MATCH FINISH GRADE.
 - ALL BACKFILL, CONSTRUCTION SOILS TESTING, ETC. SHALL BE PERFORMED BY THE OWNERS INDEPENDENT TESTING LABORATORY. (SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION).
 - ALL STORM DRAIN PIPES SHALL BE PROTECTED WITH STONE FILTER PROTECTION AFTER STOPPAGE OF WORK EACH DAY. SEE DETAIL ON SHEET C-9.0.
 - EXISTING VEGETATION WITHIN TREE PROTECTION AREAS SHALL REMAIN UNDISTURBED, UNLESS NOTED OTHERWISE.
 - ANY AND ALL LANDSCAPING AND EXISTING TREES & SHRUBS TO REMAIN WHICH ARE DAMAGED DURING DEMOLITION OR CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR UTILIZING A LICENSED LANDSCAPE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
 - THE GRADING CONTRACTOR SHALL COMPLY WITH ALL STATE CODES IN OBSERVING EROSION CONTROL MEASURES BOTH ON AND OFF-SITE.
 - THE GRADING CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL DEVICES AFTER EACH RAINFALL EVENT OR AS DIRECTED BY STATE AUTHORITIES OR THE ARCHITECT.
 - THE GRADING CONTRACTOR SHALL BE RESPONSIBLE FOR OFF-SITE DISPOSAL OF ALL CLEANING AND GRADING WASTE MATERIALS GENERATED DURING CONSTRUCTION AND FOR OBTAINING ALL APPLICABLE PERMITS FOR OFF-SITE STOCKPILES AND/OR WASTE AREAS.
 - THE GROSS-SLOPE ON ALL SIDEWALKS SHALL BE A MAXIMUM OF 2.0%.
 - CONTRACTOR SHALL VERIFY ALL EXISTING ELEVATIONS WHERE NEW CONSTRUCTION JOIN OR CONNECT TO EXISTING PAVEMENT, CURB AND OTHER RIGID STRUCTURES. NOTIFY ARCHITECT IF DISCREPANCIES OCCUR.

- KEY NOTES**
- (A) STANDARD YARD INLET WITH GRATE AND FRAME, SEE DETAIL SHEET C-9.0.
 - (B) STANDARD PRECAST CONCRETE SANITARY SEWER DOGHOUSE MANHOLE, SEE DETAIL SHEET C-9.0.
 - (C) STANDARD PRECAST CONCRETE SANITARY SEWER MANHOLE, SEE DETAIL SHEET C-9.0.
 - (D) SANITARY SEWER CLEANOUT, SEE DETAIL SHEET C-9.0.
 - (E) APPROXIMATE LOCATION GAS SERVICE LINE. FOR ADDITIONAL INFORMATION REFER TO PLUMBING PLANS.
 - (F) CONSTRUCTION FENCE.
 - (G) CONSTRUCTION FENCE GATE.
 - (H) TEMPORARY HI-VIS CROSS WALK TO BE COORDINATED IN THE FIELD PER THE COVERED GRAVEL WALKWAY LOCATIONS, SEE TRAFFIC CONTROL NOTES THIS SHEET.
 - (I) TEMPORARY PARKING SPACE STRIPING, SEE TRAFFIC CONTROL NOTES THIS SHEET.



No.	Date	Description
1	08/28/2024	ADDENDUM #1

GROUND STABILIZATION AND MATERIALS HANDLING PRACTICES FOR COMPLIANCE WITH THE NCGO1 CONSTRUCTION GENERAL PERMIT
Implementing the details and specifications on this plan sheet will result in the construction activity being considered compliant with the Ground Stabilization and Materials Handling sections of the NCGO1 Construction General Permit (Sections E and F, respectively). The permittee shall comply with the Erosion and Sediment Control plan approved by the designated authority having jurisdiction. All details and specifications shown on this sheet may not apply depending on site conditions and the delegated authority having jurisdiction.

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

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

Temporary Stabilization	Permanent Stabilization
<ul style="list-style-type: none"> Temporary grass seed covered with straw or other mulches and seeders Hydroseeding Roll-on erosion control products with or without temporary grass seed Appropriately applied straw or other mulch Plastic sheeting 	<ul style="list-style-type: none"> Permanent grass seed covered with straw or other mulches and seeders 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 Roll-on 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 DWQ 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 DWQ List of Approved PAMs/flocculants and in accordance with the manufacturer's instructions.
 - Provide ponding area for containment of treated stormwater before discharging offsite.
 - Store flocculants in leak-proof containers that are kept under storm-resistant cover or surrounded by secondary containment structures.

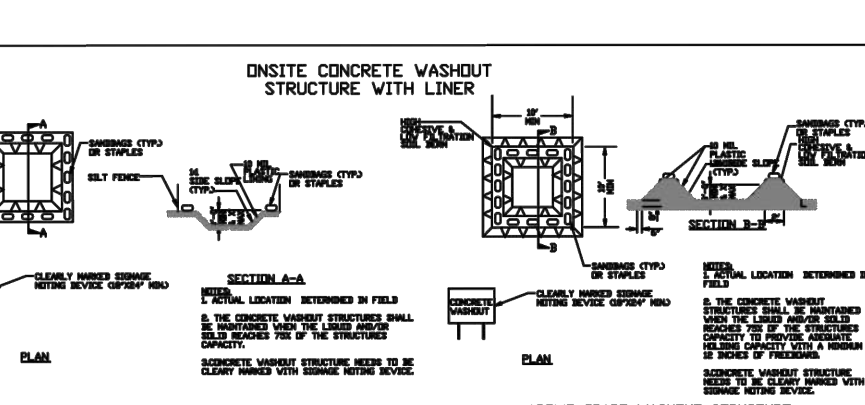
- EQUIPMENT AND VEHICLE MAINTENANCE**
- Maintain vehicles and equipment to prevent discharge of fluids.
 - Provide drip pans under any stored equipment.
 - Identify leaks and repair as soon as feasible, or remove leaking equipment from the project.
 - Collect all spent fluids, store in separate containers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

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

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

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

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

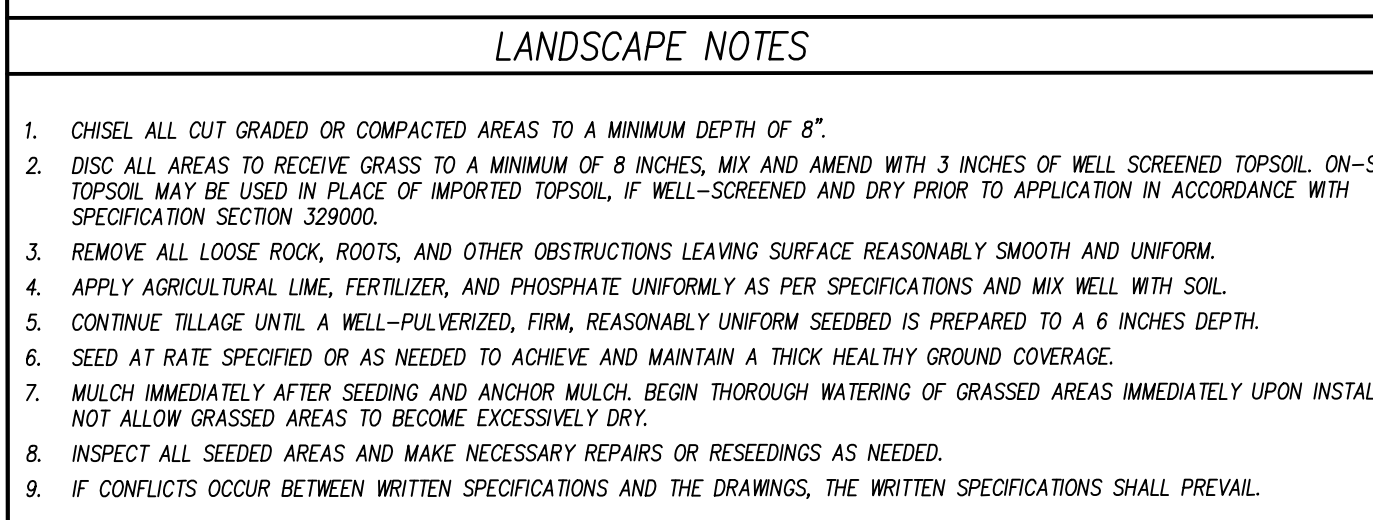


- CONCRETE WASHOUTS**
- Do not discharge concrete or cement slurry from the site.
 - Dispose of, or recycle settled, hardened concrete residue in accordance with local and state solid waste regulations and at an approved facility.
 - Manage washout from mortar mixers in accordance with the above item 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 stormwater discharge or sidewalk sections. Stormwater accumulated within the washout may not be pumped into or discharged to the storm drain system or receiving surface waters. Liquid waste must be pumped out and removed from project.
 - Locate washouts at least 50 feet from storm drain inlets and surface waters unless it can be shown that no other alternatives are reasonably available. At a minimum, install protection of storm drain inlet(s) closest to the washout which could receive spills of washout.
 - 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 construction 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 overflows. 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 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 instructions.
 - Store herbicides, pesticides and rodenticides in their original containers with the label, which lists directions for use, ingredients and first aid steps in case of accidental poisoning.
 - Do not store herbicides, pesticides and rodenticides in areas where flooding is possible or where they may spill or leak into wells, stormwater drains, ground water or surface water. If a spill occurs, clean area immediately.
 - Do not stockpile these materials onsite.

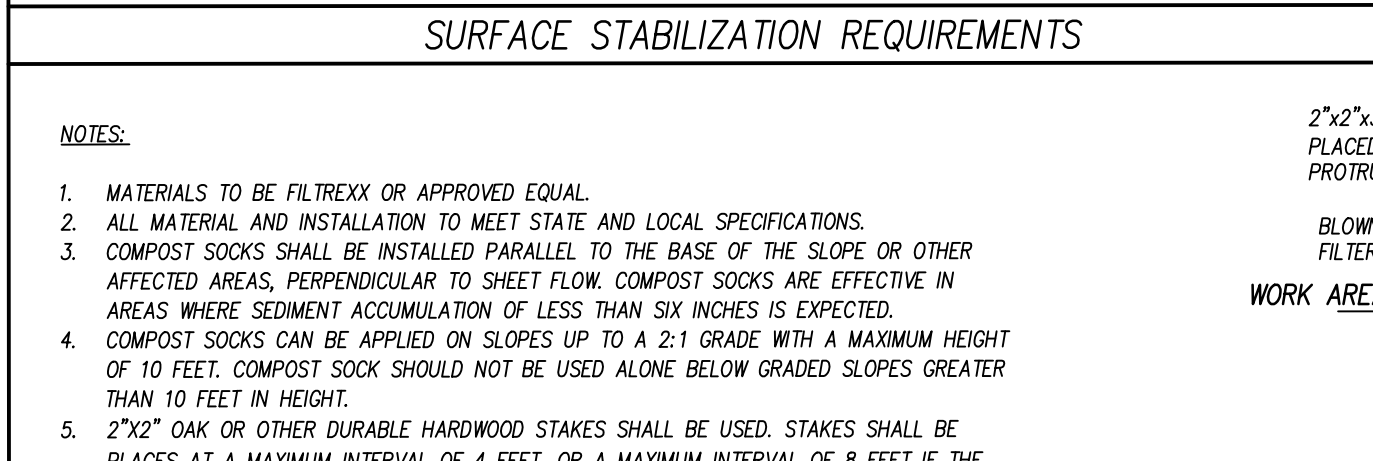
- HAZARDOUS AND TOXIC WASTE**
- Create designated hazardous waste collection areas on-site.
 - Place hazardous waste containers under cover or in secondary containment.
 - Do not store hazardous chemicals, drums or bagged materials directly on the ground.

- LOCATE ALL EXISTING UTILITIES PRIOR TO INSTALLATION OF PLANT MATERIAL. NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES BETWEEN FIELD CONDITIONS AND THOSE SHOWN ON THE PLAN.
- VERIFICATION OF TOTAL QUANTITIES AS SHOWN ON THE PLANT LIST SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, AND THE TOTAL QUANTITIES SHALL BE AS SHOWN ON THE PLAN.
- CONTACT THE LANDSCAPE ARCHITECT FOR INSPECTION 48 HOURS IN ADVANCE OF THE SCHEDULED SITE VISIT AND AT THE FOLLOWING INTERVALS:
 - REVIEW OF GRADING PRIOR TO PLANT AND LAWN INSTALLATION
 - REVIEW OF PLANT MATERIAL PRIOR TO INSTALLATION
 - ONE SUBSTANTIAL COMPLETION MEETING FOR PLANT INSTALLATION
 - ONE FINAL INSPECTION FOR ALL SEEDING/PLANTING OPERATIONS.
- ALL PLANT MATERIAL SHALL CONFORM WITH THE STANDARDS SET FORTH BY THE AMERICAN ASSOCIATION OF NURSERYMEN AND THE WRITTEN SPECIFICATIONS.
- ESTABLISH POSITIVE DRAINAGE IN ALL PLANTING BEDS AND AWAY FROM BUILDING.
- APPLY PRE-EMERGENT HERBICIDE TO ALL NEW PLANTING BEDS AT MANUFACTURER'S RECOMMENDED RATE PRIOR TO INSTALLATION OF PLANT MATERIAL.
- DO NOT INSTALL PLANT MATERIAL IN IMPERVIOUS SOILS (i.e. HOLES WHICH WHEN FILLED WITH WATER, DO NOT COMPLETELY DRAIN WITHIN TWO HOURS).
- LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING ALL PLANTS AND LAWN AREAS AT HIS COST FROM HIS OWN WATER SOURCE INCLUDING DURING PERIODS OF DROUGHT UNTIL FINAL COMPLETION. ANY WATERING OR MAINTENANCE REQUIRED AFTER FINAL COMPLETION SHALL BE AT OWNER'S COST.
- GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING ALL EQUIPMENT & SUBCONTRACTORS AWAY FROM SEEDED AREAS. IF DAMAGE OCCURS, THROUGH NO FAULT OF THE OWNER, AREAS SHALL BE REGRADED AND RESEED IMMEDIATELY AT NO ADDITIONAL COST TO THE OWNER. CONTRACTOR SHALL WATER AND MAINTAIN THOSE AREAS UNTIL THEY ARE AT 95% COVERAGE AT SUBSTANTIAL COMPLETION.
- SUBSTITUTIONS OF PLANT MATERIAL SHALL ONLY BE ACCEPTED 60 DAYS PRIOR TO COMMENCEMENT OF PLANTING OPERATIONS. SUBSTITUTION REQUESTS MUST BE IN WRITING AND WILL ONLY BE ACCEPTED FOR LACK OF AVAILABILITY REASONS WHICH CAN BE SUBSTANTIATED OR FOR SUPERIOR STOCK SUBSTITUTIONS.
- SEEDING
 - GENERAL LAWN AREAS SHALL BE SEEDDED WITH SUNSTAR/RIVERA BERMAUDAGRASS OR APPROVED EQUAL.
- LANDSCAPE CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT TO REVIEW GRADING ONE WEEK PRIOR TO SEEDING. IF THE LANDSCAPE CONTRACTOR AND LANDSCAPE ARCHITECT FIND GRADING UNACCEPTABLE FOR FINAL SEEDING, LANDSCAPE CONTRACTOR SHALL BRING IT TO THE ATTENTION OF THE GENERAL CONTRACTOR. LANDSCAPE CONTRACTOR SHALL NOT PROCEED WITHOUT APPROVAL BY LANDSCAPE ARCHITECT.

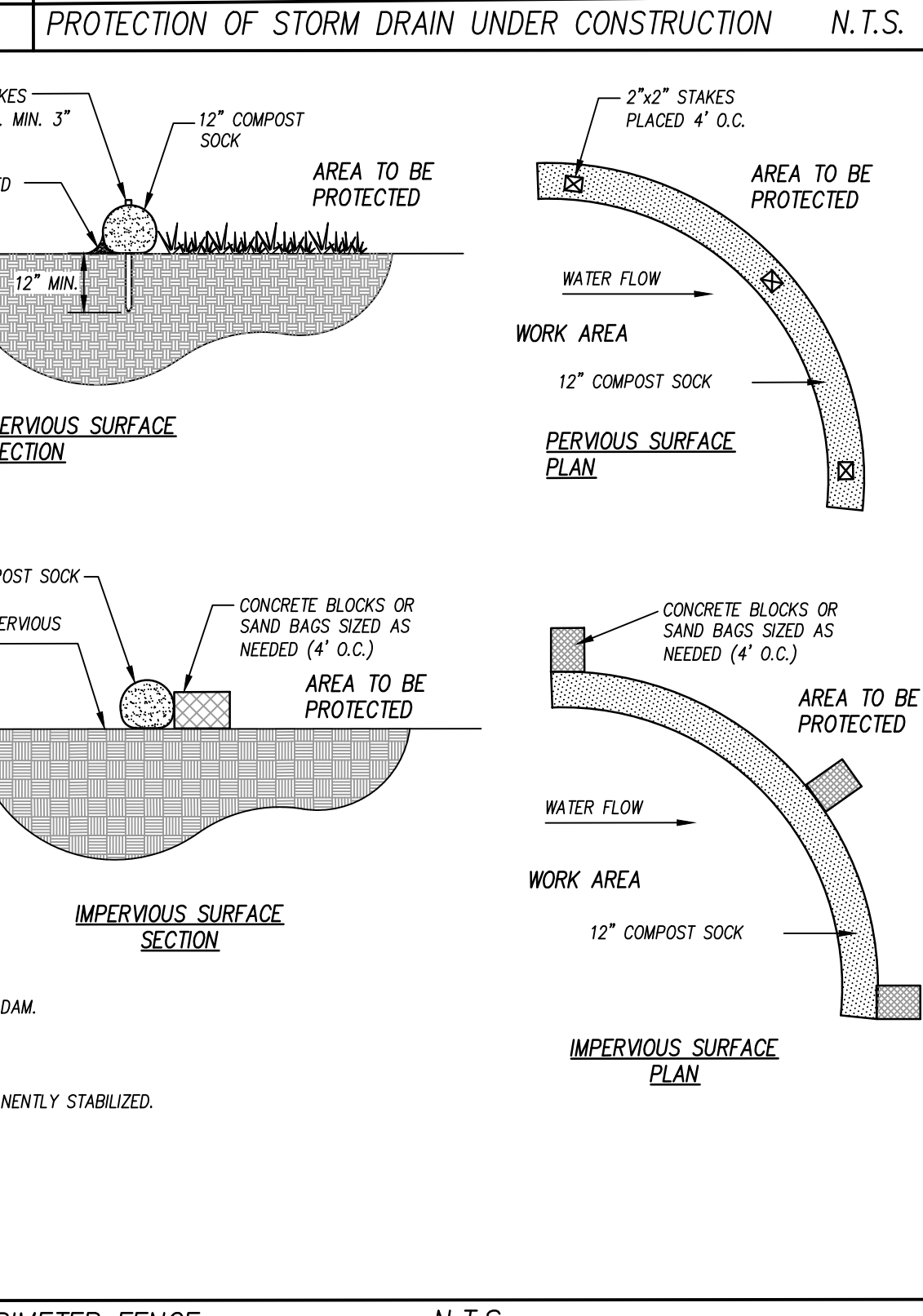
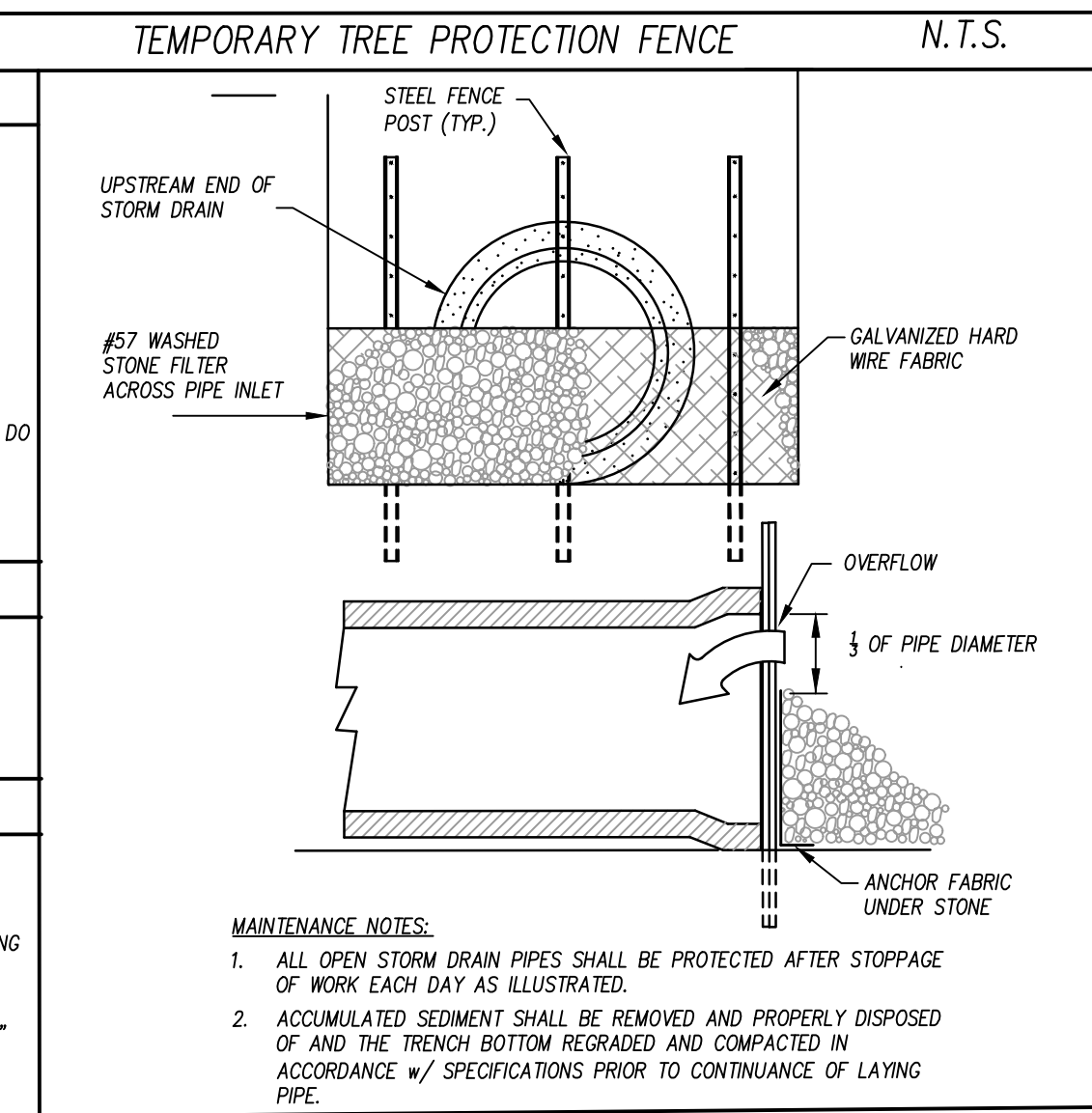
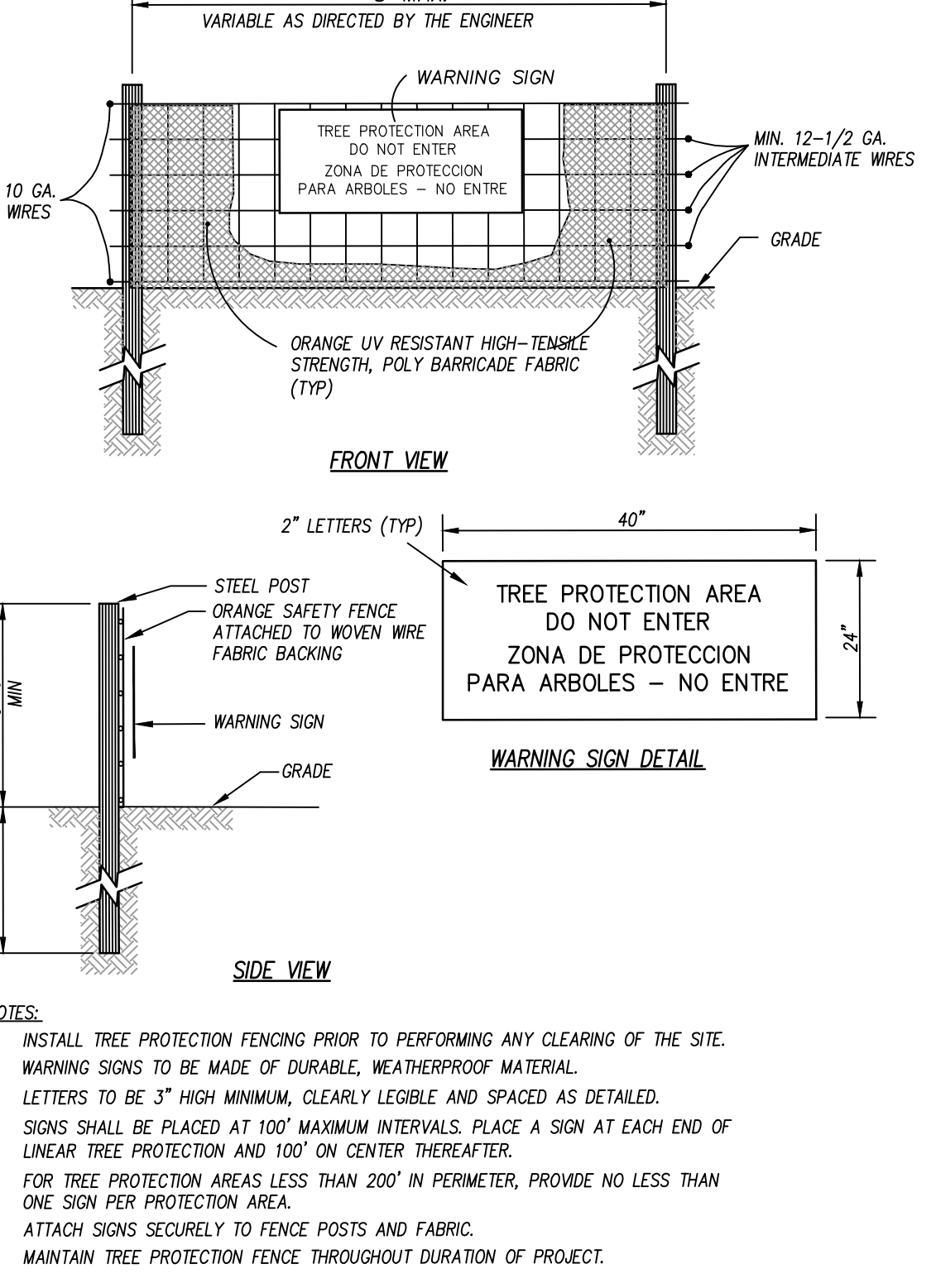


- LANDSCAPE NOTES**
- ONCE ALL CUT GRADED OR COMPACTED AREAS TO A MINIMUM DEPTH OF 8".
 - DISC ALL AREAS TO RECEIVE GRASS TO A MINIMUM OF 8 INCHES, MIX AND AMEND WITH 3 INCHES OF WELL SCREENED TOPSOIL (ON-SITE TOPSOIL MAY BE USED IN PLACE OF IMPORTED TOPSOIL, IF WELL-SCREENED AND DRY PRIOR TO APPLICATION IN ACCORDANCE WITH SPECIFICATION SECTION 329000).
 - REMOVE ALL LOOSE ROCK, ROOTS, AND OTHER OBSTRUCTIONS LEAVING SURFACE REASONABLY SMOOTH AND UNIFORM.
 - APPLY AGRICULTURAL LIME, FERTILIZER, AND PHOSPHATE UNIFORMLY AS PER SPECIFICATIONS AND MIX WELL WITH SOIL.
 - CONTINUE TILLAGE UNTIL A WELL-AERATED, FIRM, REASONABLY UNIFORM SEEDBED IS PREPARED TO 4 & 6 INCHES DEPTH.
 - SEED AT RATE SPECIFIED OR AS NEEDED TO ACHIEVE AND MAINTAIN A THICK HEALTHY GROUND COVER.
 - MULCH IMMEDIATELY AFTER SEEDING AND ANCHOR MULCH. BEGIN THOROUGH WATERING OF GRASSED AREAS IMMEDIATELY UPON INSTALLATION. DO NOT ALLOW GRASSED AREAS TO BECOME EXCESSIVELY DRY.
 - INSPECT ALL SEEDING AREAS AND MAKE NECESSARY REPAIRS OR RESEEDINGS AS NEEDED.
 - IF CONFLICTS OCCUR BETWEEN WRITTEN SPECIFICATIONS AND THE DRAWINGS, THE WRITTEN SPECIFICATIONS SHALL PREVAIL.

- SEEDBED PREPARATION**
- APPLY LIME AND FERTILIZER ACCORDING TO SOIL TESTS, OR APPLY A MINIMUM 3,000 LB/ACRE GROUND AGRICULTURAL LIMESTONE AND A MINIMUM 500 LB/ACRE 10-10-10 FERTILIZER, AS NEEDED TO ESTABLISH 95% COVERAGE (AS DETERMINED ON A PER SQUARE YARD BASIS) PRIOR TO SUBSTANTIAL COMPLETION. CONTRACTOR TO SUBMIT A COPY OF ALL SOIL REPORTS TO OWNER UPON RECEIPT.
- LIME & FERTILIZATION SCHEDULE**
- DURING ALL PHASES OF CONSTRUCTION, GROUND COVER ON EXPOSED SLOPES SHALL BE PROVIDED WITHIN 14 CALENDAR DAYS FOLLOWING COMPLETION OF ANY PHASE OF GRADING.
 - FINAL PERMANENT GROUND COVER FOR ALL DISTURBED AREAS SHALL BE PROVIDED ON ALL DISTURBED AREAS WITHIN 14 CALENDAR DAYS FOLLOWING COMPLETION OF CONSTRUCTION OR DEVELOPMENT.
 - USE EXCAVATOR WADING OR OTHER APPROVED CHANNEL LINING MATERIAL TO COVER THE BOTTOM OF CHANNELS.
 - APPLY 4000 LB/ACRE (200 TONS/LB/AC) GRANULAR STRAW OR SEEDED AREAS AND ANCHOR STRAW CHAINING WITH HAND OR MECHANICAL CHIMPER 8" MAT SPACING, ASPHALT TACKING OR OTHER APPROVED METHOD. ASPHALT TACKING SHALL BE 400 GAL/ACRE (9 GAL/1000 SF).
 - MULCH AND ANCHORING MATERIALS MUST NOT BE ALLOWED TO WASH DOWN SLOPES AND CLOG DRAINAGE DEVICES.



- SURFACE STABILIZATION REQUIREMENTS**
- NOTES:**
- MATERIALS TO BE FILTEREX OR APPROVED EQUAL.
 - ALL MATERIAL AND INSTALLATION TO MEET STATE AND LOCAL SPECIFICATIONS.
 - COMPOST SOCKS SHALL BE INSTALLED PARALLEL TO THE BASE OF THE SLOPE OR OTHER AFFECTED AREAS, PERPENDICULAR TO SHEET FLOW. COMPOST SOCKS ARE EFFECTIVE IN AREAS WHERE SEDIMENT ACCUMULATION OF LESS THAN SIX INCHES IS EXPECTED.
 - COMPOST SOCKS CAN BE APPLIED ON SLOPES UP TO A 2:1 GRADE WITH A MAXIMUM HEIGHT OF 10 FEET. COMPOST SOCK SHOULD NOT BE USED ALONE BELOW GRADED SLOPES GREATER THAN 10 FEET IN HEIGHT.
 - 2"x2" OAK OR OTHER DURABLE HARDWOOD STAKES SHALL BE USED. STAKES SHALL BE PLACED AT A MAXIMUM INTERVAL OF 4 FEET, OR A MAXIMUM INTERVAL OF 6 FEET IF THE SOIL IS PLACER IN A 4 INCH TRENCH. STAKES SHALL BE DRIVEN TO A MINIMUM DEPTH OF 12 INCHES WITH A MINIMUM OF 3 INCHES PROTRUDING ABOVE THE COMPOST SOCKS.
 - COMPOST SOCKS SHALL BE SLEEZED WITH SECTIONS LONGER THAN 200' IF ARE REQUIRED. STAKES SHALL BE PLACED ON SLEEZED AREAS TO KEEP SECTIONS TOGETHER.
 - IN THE EVENT STAKING IS NOT POSSIBLE (I.E. WHEN SOCKS ARE USED ON PAVEMENT) HEAVY CONCRETE BLOCKS OR SAND BAGS SHALL BE USED BEHIND THE SOCK TO HOLD IT IN PLACE DURING RAINFALL EVENTS.
 - COMPOST SOCK SHOULD BE PLACED AT A 10 FOOT MINIMUM DISTANCE FROM THE TOE OF THE SLOPE TO ALLOW FOR A PROPER RUNOFF ACCUMULATION AND MAXIMUM SEDIMENT STORAGE. ON FLAT AREAS, COMPOST SOCK SHALL BE PLACED AT THE EDGE OF DISTURBED AREA.
 - THE ENDS OF THE SOCK SHOULD BE TURNED SLIGHTLY UP TO PREVENT RUNOFF FROM GOING AROUND THE END OF THE SOCKS.
- MAINTENANCE NOTES:**
- INSPECT COMPOST SOCKS WEEKLY AND AFTER EACH SIGNIFICANT RAINFALL EVENT (1/2 INCH OR GREATER).
 - SEDIMENT SHOULD BE REMOVED FROM BEHIND CHECK DAM ONCE THE ACCUMULATED HEIGHT HAS REACHED 1/2 THE HEIGHT OF THE CHECK DAM.
 - COMPOST SOCK MUST BE REPLACED IF CLOGGED OR TORN.
 - IF PAVING BECOMES EXCESSIVE, THE SOCK MAY NEED TO BE REPLACED WITH A LARGER DIAMETER OR A DIFFERENT MEASURE.
 - THE SOCK NEEDS TO BE REINSTALLED IF UNSEEMED OR DISLOADED.
 - THE COMPOST SOCK SHALL BE INSPECTED UNTIL LAND DISTURBANCE IS COMPLETE AND THE AREA ABOVE THE MEASURE HAS BEEN PERMANENTLY STABILIZED.



NCGO1 GROUND STABILIZATION AND MATERIALS HANDLING EFFECTIVE: 04/01/19

PART III SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION A: SELF-INSPECTION

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

Inspect	Frequency (during normal business hours)	Inspection records must include:
(1) Rain gauge maintained to show working order	Daily	Daily rainfall amounts. If daily rain gauge observations are made during weekend or holiday periods, and no individual day rainfall information is available, record the cumulative rain measurement for those unattended days (use this volume if a site inspection is needed). Does an inch or rainfall amount equal to recorded "zero." The permittee may use another rain-measuring device approved by the Division.
(2) EESC Measures	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	1. Identification of the measures inspected. 2. Date and time of the inspection. 3. Name of the person performing the inspection. 4. Indication of whether the measures were operating properly. 5. Description of maintenance needs for the measures. 6. Description, extent, and date of corrective actions taken.
(3) Stormwater discharge outfalls (SDOs)	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	1. Identification of the discharge outfalls inspected. 2. Date and time of the inspection. 3. Name of the person performing the inspection. 4. Evidence of indicators of stormwater pollution such as oil sheen, floating or suspended solids or discoloration. 5. Indication of visible sediment leaving the site. 6. Description, extent, and date of corrective actions taken.
(4) Perimeter of site	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	1. Visible sedimentation is found outside site levels, then a record of the sediment shall be made: 2. Action taken to clean up or stabilize the sediment that has left the site levels. 3. Description, extent, and date of corrective actions taken, and 4. An explanation as to the actions taken to control future sedimentation.
(5) Streams or wetlands on-site and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	1. Description of whether the stream/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: 2. Description, extent and date of corrective actions taken, and 3. Records of the required reports to the appropriate Division (Submit OPIs per Part III, Section C, Item 2)(a) of this permit, and 4. The plan of ground stabilization of perimeter EESC measures, clearing and grubbing, installation of storm stream bank stabilization, and other land-disturbing activity, construction or redevelopment, permanent ground cover.
(6) Ground stabilization measures	When each phase of grading	1. Documentation that the required ground stabilization measures have been completed within the required timeframes or an assurance that they will be provided as soon as possible.

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

PART III SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION B: RECORDKEEPING

1. EESC Plan Documentation

The approved EESC plan as well as any approved deviation shall be kept on the site. The approved EESC plan must be kept up-to-date throughout the coverage under this permit. The following items pertaining to the EESC plan shall be kept on site and available for inspection at all times during normal business hours:

Item to Document	Documentation Requirements
(a) Each EESC measure has been installed and does not significantly deviate from the location, dimensions or other approved specifications shown on the approved EESC plan.	Initial and date each EESC measure on a copy of the approved EESC plan or complete, date and sign an inspection report to indicate completion of the construction phase.
(b) A phase of grading has been completed.	Initial and date a copy of the approved EESC 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 EESC plan.	Initial and date a copy of the approved EESC 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 EESC measures have been performed.	Complete, date and sign an inspection report.
(e) Corrective actions have been taken to EESC measures.	Initial and date a copy of the approved EESC plan or complete, date and sign an inspection report to indicate the completion of the corrective action.

2. Additional Documentation to be Kept on Site

In addition to the EESC plan documents above, the following items shall be kept on the site and available for inspectors at all times during normal business hours, unless the Division provides a site-specific exemption based on unique site conditions that make this requirement not practical:

(a) This General Permit as well as the Certificate of Coverage, after it is received.

(b) Records of inspections made during the previous twelve months. The permittee shall record the required observations on the approved EESC plan and the noncompliance has not been corrected, the anticipated time noncompliance is expected to continue, and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance. (40 CFR 122.410(b)).

(c) Division staff may waive the requirement for a written report on a case-by-case basis.

3. Documentation to be Retained for Three Years

All data used to complete the NOI and all inspection records shall be maintained for a period of three years after project completion and made available upon request. (40 CFR 122.414.)

PART III SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION C: REPORTING

1. Occurrences That Must be Reported

The permittee shall report the following occurrences:

- Visible sediment deposition in a stream or wetland.
- Oil spills if:
 - They are 25 gallons or more,
 - They are less than 25 gallons but cannot be cleaned up within 24 hours,
 - They cause sheen on surface waters (regardless of volume), or
 - They are within 100 feet of surface waters (regardless of volume).
- Releases of hazardous substances in excess of regulated quantities under Section 311 of the Clean Water Act (Ref: 40 CFR 110.3 and 40 CFR 112.3) or Section 102 of CERCLA (Ref: 40 CFR 302.4 or G.S. 143-215.8).
- Anticipated bypasses and unanticipated bypasses.
- Noncompliance with the conditions of this permit that may endanger health or the environment.

2. Reporting Timesframes 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) 858-0368.

Occurrence

- Visible sediment deposition in a stream or wetland
 - Within 24 hours, an oral or electronic notification. The report shall include a description of the sediment and actions taken to address the cause of the deposition. Division staff may waive the requirement for a written report on a case-by-case basis.
 - If the stream is named on the NC 303(d) list, the permittee may be required to perform additional monitoring. Inspections on or apply more stringent practices if staff determines that additional requirements are needed to assure compliance with the federal or state impaired-waters conditions.
- Oil spills and release of hazardous substances per Item 1)(b) (4) above
 - Anticipated bypasses (40 CFR 122.410(b)(3))
 - Unanticipated bypasses (40 CFR 122.410(b)(3))
 - Noncompliance with the conditions of this permit that may endanger health or the environment (40 CFR 122.410(b)(7))

Reporting Timesframes (After Discovery) and Other Requirements

- Within 24 hours, an oral or electronic notification. The report shall include an evaluation of the anticipated quality and quantity and effect of the bypass.
- Within 24 hours, an oral or electronic notification.
- Within 7 calendar days, a report that includes a description of the noncompliance, and its causes; the period of noncompliance, including start dates and end dates, and if the noncompliance has not been corrected, the anticipated time noncompliance is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance. (40 CFR 122.410(b)).
- Division staff may waive the requirement for a written report on a case-by-case basis.

PART II, SECTION 6, 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 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:

- The EESC 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 EESC plan authority has approved these items.
- The non-surface withdrawal has been reported as an anticipated bypass in accordance with Part III, Section C, Item 2)(a) and (d) of this permit.
- 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.
- Vegetated, upland areas of the site 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.
- Velocity dissipation devices such as check dams, sediment traps, and traps are provided at the discharge points of all dewatering devices, and
- 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.

NCGO1 SELF-INSPECTION, RECORDKEEPING AND REPORTING EFFECTIVE: 04/01/19

PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION
 WAYNE COUNTY PUBLIC SCHOOLS
 541 North Carolina 581 S., Goldsboro, NC 27530

SEALS

DKA JOB NUMBER
 2401

REVISIONS

No.	Date	Description
No. 1	08/28/2024	ADDENDUM #1

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PA: RENEÉ PFEIFER
 PM: RW
 Drawn By: PH
 Plot Date: 08/28/2024

DATE ISSUED
 EARLY SITE DEMO
 ADDENDUM #1
 AUGUST 28, 2024

SHEET TITLE
 EROSION CONTROL & SCM DETAILS

C-7.01

<p>EXCAVATED INLET PROTECTION N.T.S.</p> <p>CONSTRUCTION NOTES:</p> <ol style="list-style-type: none"> PROVIDE KEEP HOLES IN SIDE OF INLET AT BOTTOM OF EXCAVATION FOR DEWATERING. WIRE MESH OR HARDWARE CLOTH SHALL BE PLACED OVER THE OUTSIDE VERTICAL FACE OF THE INLET, TO PREVENT STONE FROM BEING WASHED THROUGH THE KEEP HOLES. #57 WASHED STONE SHALL BE PAILED AGAINST THE WIRE. MAINTAIN DEVICE AFTER EACH RAIN. REPLACE #57 WASHED STONE IF IT CLOSWS WITH SEDIMENT. CONTRACTOR TO PAINT CLEANOUT MARK ON STRUCTURE AT HALF CAPACITY ELEVATION. SILT IS TO BE REMOVED AND TRAP REPAIRED EACH TIME IT REACHES THIS MARK. GRADE TO APPROACH TO THE INLET UNIFORMLY. WHEN CONTRIBUTING DRAINAGE AREA HAS BEEN PERMANENTLY STABILIZED, SEAL KEEP HOLES, FILL THE BASIN WITH COMPACTED, DRY, STABLE SOIL TO FINAL GRADES AND APPLY FINAL SURFACING. <p>MAINTENANCE NOTES:</p> <ol style="list-style-type: none"> INSPECT, CLEAN, AND PROPERLY MAINTAIN THE EXCAVATED BASIN AFTER EVERY STORM UNTIL THE CONTRIBUTING DRAINAGE AREA HAS BEEN PERMANENTLY STABILIZED. REMOVE SEDIMENT WHEN THE VOLUME OF THE BASIN HAS BEEN REDUCED BY ONE-HALF. DISPOSE OF REMOVED SEDIMENT PROPERLY AT AN OFFSITE LOCATION. SPREAD ALL EXCAVATED MATERIAL EVENLY OVER THE SURROUNDING LAND AREA OR STOCKPILE AND STABILIZE IT APPROPRIATELY. SHOULD MANUAL DEWATERING BECOME NECESSARY FOR MAINTENANCE OR FINAL REMOVAL, UTILIZE A MUD PUMP WITH FLOATING SUCTION INLET AND DISCHARGE FLOW ONLY THROUGH A PROPERLY INSTALLED SILT BAG MONITOR PUMPING TO ENSURE FLOW CAPACITY OF SILT BAG IS NOT EXCEEDED. 	<p>TEMPORARY COMPOST SOCK INLET PROTECTION N.T.S.</p> <p>MAINTENANCE NOTES:</p> <ol style="list-style-type: none"> INSPECT COMPOST SOCKS WEEKLY AND AFTER EACH SIGNIFICANT RAINFALL EVENT (1/2 INCH OR GREATER). SEDIMENT SHOULD BE REMOVED FROM BEHIND CHECK DAM ONCE THE ACCUMULATED HEIGHT HAS REACHED 1/2 THE HEIGHT OF THE CHECK DAM. THE COMPOST SOCK MUST BE REPLACED IF CLOGGED OR TORN. IF PONING BECOMES EXCESSIVE, THE SOCK MAY NEED TO BE REPLACED WITH A LARGER DIAMETER OR A DIFFERENT MEASURE. THE SOCK NEEDS TO BE REINSTALLED IF UNDERMINED OR DISLOADED. THE COMPOST SOCK SHALL BE INSPECTED UNTIL LAND DISTURBANCE IS COMPLETE AND THE AREA ABOVE THE MEASURE HAS BEEN PERMANENTLY STABILIZED. <p>NOTES:</p> <ol style="list-style-type: none"> MATERIALS TO BE FILTREX OR APPROVED EQUAL. ALL MATERIAL AND INSTALLATION TO MEET STATE AND LOCAL SPECIFICATIONS. 2"x2" OAK OR OTHER DURABLE HARDWOOD STAKES SHALL BE PLACED AT A MAXIMUM INTERVAL OF 4 FEET. STAKES SHALL BE DRIVEN TO A MINIMUM DEPTH OF 12 INCHES, WITH A MINIMUM OF 3 INCHES PROTRUDING ABOVE THE COMPOST SOCKS. IN THE EVENT STAKING IS NOT POSSIBLE (I.E. WHEN SOCKS ARE USED ON PAVEMENT) HEAVY CONCRETE BLOCKS OR SAND BAGS SHALL BE USED BEHIND THE SOCK TO HOLD IT IN PLACE DURING RUNOFF EVENTS. THE ENDS OF THE SOCKS SHOULD BE TURNED SLIGHTLY UP SLOPE TO PREVENT RUNOFF FROM GOING AROUND THE END OF THE SOCKS.
<p>STANDARD TEMPORARY SILT FENCE N.T.S.</p> <p>MAINTENANCE NOTES:</p> <ol style="list-style-type: none"> REMOVE SEDIMENT DEPOSITS AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE FENCE/OUTLET. TAKE CARE TO AVOID UNDERMINING THE FENCE DURING CLEANOUT. REMOVE & REPLACE STONE AS NECESSARY AS IT BECOMES CLOGGED WITH SEDIMENT. REMOVE ALL FENCING MATERIALS AND UNSTABLE SEDIMENT DEPOSITS AND BRING THE AREA TO GRADE AND STABILIZE IT AFTER THE CONTRIBUTING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED. <p>NOTES:</p> <ol style="list-style-type: none"> INSTALL SILT FENCE PER STD. SILT FENCE DETAIL. LOCATE REINFORCED OUTLET AT LOW POINTS OF SILT FENCE BARRIER. 	<p>SILT BAG INLET PROTECTION N.T.S.</p> <p>NOTES:</p> <ol style="list-style-type: none"> CONTRACTOR TO INSPECT SILT BAG EVERY TWO WEEKS OR AFTER EVERY SUBSTANTIAL RAIN EVENT. CONTRACTOR TO REMOVE AND DISPOSE OF COLLECTED SILT AT AN ACCEPTABLE OFF SITE LOCATION. COLLECTED SEDIMENT TO BE REMOVED ROUTINELY TO ENSURE FUNCTIONALITY OF SILT BAG. DEVICE SHALL BE MANUFACTURED FROM WOVEN POLYPROPYLENE GEOTEXTILE TO FIT THE OPENING OF A CATCH BASIN OR DROP INLET TO FILTER SEDIMENT FROM RUNOFF ENTERING THE INLET. DEVICE SHALL BE PROVIDED WITH AN INTEGRAL CURB DEFLECTOR IF INSTALLED AT A CATCH BASIN WITH A VERTICAL OPENING ADJACENT TO A HORIZONTAL GRATE. THE DEVICE SHALL BE A HIGH FLOW "SILT SACK" AS MANUFACTURED BY ACP ENVIRONMENTAL, INC. OR APPROVED EQUAL. INSTALL DEVICE IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND INSTALL A CURB DEFLECTOR IF APPROPRIATE. INSPECT DEVICE AFTER EACH RAIN EVENT AND AT INTERVALS NOT EXCEEDING TWO WEEKS DURING CONSTRUCTION. REMOVE, EMPTY, CLEAN, AND REPLACE THE DEVICE AS NEEDED DURING CONSTRUCTION. EMPTY COLLECTED SEDIMENT IN APPROVED, PROTECTED LOCATION. REMOVE AND DISPOSE OF DEVICE FOLLOWING FINAL AND PERMANENT STABILIZATION OF THE CONTRIBUTING DRAINAGE AREA. <p>MAINTENANCE NOTES:</p> <ol style="list-style-type: none"> INSPECT THE BARRIER AT LEAST WEEKLY AND AFTER EACH SIGNIFICANT RAINFALL AND MAKE REPAIRS AS NEEDED. REMOVE SEDIMENT AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR SUBSEQUENT RAINS. APPROPRIATELY STABILIZE ALL BARE AREAS AROUND THE INLET.
<p>REINFORCED SILT FENCE OUTLET N.T.S.</p> <p>NOTES:</p> <ol style="list-style-type: none"> INSTALL SILT FENCE PER STD. SILT FENCE DETAIL. LOCATE REINFORCED OUTLET AT LOW POINTS OF SILT FENCE BARRIER. <p>MAINTENANCE NOTES:</p> <ol style="list-style-type: none"> REMOVE SEDIMENT DEPOSITS AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE FENCE/OUTLET. TAKE CARE TO AVOID UNDERMINING THE FENCE DURING CLEANOUT. REMOVE & REPLACE STONE AS NECESSARY AS IT BECOMES CLOGGED WITH SEDIMENT. REMOVE ALL FENCING MATERIALS AND UNSTABLE SEDIMENT DEPOSITS AND BRING THE AREA TO GRADE AND STABILIZE IT AFTER THE CONTRIBUTING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED. 	<p>GRAVEL CONSTRUCTION ENTRANCE N.T.S.</p> <p>NOTES:</p> <ol style="list-style-type: none"> ENTRANCE(S) SHALL BE LOCATED TO PROVIDE MAXIMUM UTILITY BY ALL CONSTRUCTION VEHICLES. TURNING RADIUS SUFFICIENT TO ACCOMMODATE LARGE TRUCKS SHALL BE PROVIDED. ENTRANCES MUST BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR DIRECT FLOW OF MUD ONTO STREETS. PERIODIC TOPDRESSING WITH STONE WILL BE NECESSARY. CONTRACTOR SHALL MAINTAIN AS NECESSARY. ANY MATERIAL WHICH STILL MAKES IT ONTO THE ROAD MUST BE CLEANED UP IMMEDIATELY. FREQUENT CHECKS OF THE ENTRANCE(S) AND TIMELY MAINTENANCE SHALL BE PROVIDED. NOTES ARE APPLICABLE AT ALL POINTS OF INGRESS AND EGRESS UNTIL SITE IS STABILIZED. <p>MAINTENANCE NOTES:</p> <ol style="list-style-type: none"> MAINTAIN THE GRAVEL PAD IN A CONDITION TO PREVENT MUD OR SEDIMENT FROM LEAVING THE SITE. MAY REQUIRE PERIODIC TOPDRESSING WITH 2-INCH STONE. AFTER EACH RAINFALL, INSPECT ANY STRUCTURE USED TO TRAP SEDIMENT AND CLEAN IT OUT AS NECESSARY. IMMEDIATELY REMOVE ALL OBSCURABLE MATERIALS SPILLED, WASHED OR TRACKED ONTO PUBLIC ROADWAYS. <p>CONSTRUCTION SPECIFICATIONS:</p> <ol style="list-style-type: none"> CLEAR THE ENTRANCE AND EXIT AREA OF ALL VEGETATION, ROOTS, AND OTHER OBSCURABLE MATERIAL AND PROPERLY GRADE IT. PLACE THE GRAVEL TO THE SPECIFIC GRADE AND DIMENSIONS SHOWN ON THE PLANS, AND SMOOTH IT. PROVIDE DRAINAGE TO CARRY WATER TO A SEDIMENT TRAP OR SUITABLE OTHER OUTLET. USE GEOTEXTILE FABRIC TO IMPROVE STABILITY OF THE FOUNDATION IN LOCATIONS SUBJECT TO SEEPAGE OR HIGH WATER TABLE. <p>CONTRACTOR SHALL USE TIRE WASH STATION TO PREVENT SEDIMENT FROM TRACKING ONTO THE ROAD IF CONSTRUCTION ENTRANCE IS FOUND INSUFFICIENT AT NO ADDITIONAL COST TO OWNER.</p>
<p>TEMPORARY REINFORCED SILT FENCE J-HOOK INSTALLATION N.T.S.</p> <p>NOTES:</p> <ol style="list-style-type: none"> INSTALL SILT FENCE PER STD. SILT FENCE DETAIL. LOCATE REINFORCED OUTLET AT LOW POINTS OF SILT FENCE BARRIER. <p>MAINTENANCE NOTES:</p> <ol style="list-style-type: none"> REMOVE SEDIMENT DEPOSITS AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE FENCE/OUTLET. TAKE CARE TO AVOID UNDERMINING THE FENCE DURING CLEANOUT. REMOVE & REPLACE STONE AS NECESSARY AS IT BECOMES CLOGGED WITH SEDIMENT. REMOVE ALL FENCING MATERIALS AND UNSTABLE SEDIMENT DEPOSITS AND BRING THE AREA TO GRADE AND STABILIZE IT AFTER THE CONTRIBUTING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED. 	<p>CATCH BASIN AND YARD INLET PROTECTION N.T.S.</p> <p>MAINTENANCE NOTES:</p> <ol style="list-style-type: none"> INSPECT THE BARRIER AT LEAST WEEKLY AND AFTER EACH SIGNIFICANT RAINFALL AND MAKE REPAIRS AS NEEDED. REMOVE SEDIMENT AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR SUBSEQUENT RAINS. APPROPRIATELY STABILIZE ALL BARE AREAS AROUND THE INLET. <p>NOTES:</p> <ol style="list-style-type: none"> PLACE CONCRETE BLOCKS LENGTHWISE ON THEIR SIDES IN A SINGLE ROW AROUND THE PERIMETER OF THE INLET WITH THE ENDS OF ADJACENT BLOCKS ABUTTING. THE HEIGHT OF THE BLOCKS SHALL BE 12". WIRE MESH OR HARDWARE CLOTH SHALL BE PLACED OVER THE OUTSIDE VERTICAL FACE (MEMBER) OF THE BLOCKS TO PREVENT STONE FROM BEING WASHED THROUGH THE HOLES IN THE BLOCKS. #57 WASHED STONE SHALL BE PAILED AGAINST THE WIRE TO THE TOP OF THE BLOCK. MAINTAIN DEVICE AFTER EACH RAIN. REPLACE #57 WASHED STONE IF IT CLOSWS WITH SEDIMENT. PLACE 1"x4" BOARDS THROUGH THE HOLES OF CONCRETE BLOCKS. <p>NOTE: TEMPORARY INLET PROTECTION MAY BE SUBSTITUTED WITH A PROPERLY SIZED FILTREX COMPOST SOCK OR APPROVED EQUAL IN ACCORDANCE WITH STATE AND LOCAL REQUIREMENTS.</p>
	<p>CONCRETE WASHOUT AREA N.T.S.</p> <p>NOTES:</p> <ol style="list-style-type: none"> LOCATE WASH-OUT AREA IN LOCATIONS SHOWN ON C401 & C402 AND AT LEAST 50' FROM OPEN WATERS AND DRAINAGE INLETS. LINE WASH-OUT PIT WITH LINER OF 8-MIL LAMINATED PLASTIC GEOTEXTILE FABRIC (DURA-SORB BW OR APPROVED EQUAL). PROPERLY DISPOSE OF DRIED CONCRETE AND RESTORE AREA TO FINAL GRADES AND SURFACES AT COMPLETION OF CONSTRUCTION. <p>MAINTENANCE NOTES:</p> <ol style="list-style-type: none"> INSPECT AREA REGULARLY AND MAKE REPAIRS PROMPTLY. ENSURE CONCRETE IS BEING CAPTURED AND LINER REMAINS ANCHORED. REMOVE DRIED CONCRETE AND RESTORE PIT BEFORE CAPACITY IS EXCEEDED. REPLACE OR PATCH INTERVENEY LINER THAT BECOMES DAMAGED. RE-ANCHOR LINER AS NEEDED.

PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S. Goldsboro, NC 27530

SEALS

DKA JOB NUMBER

2401

REVISIONS

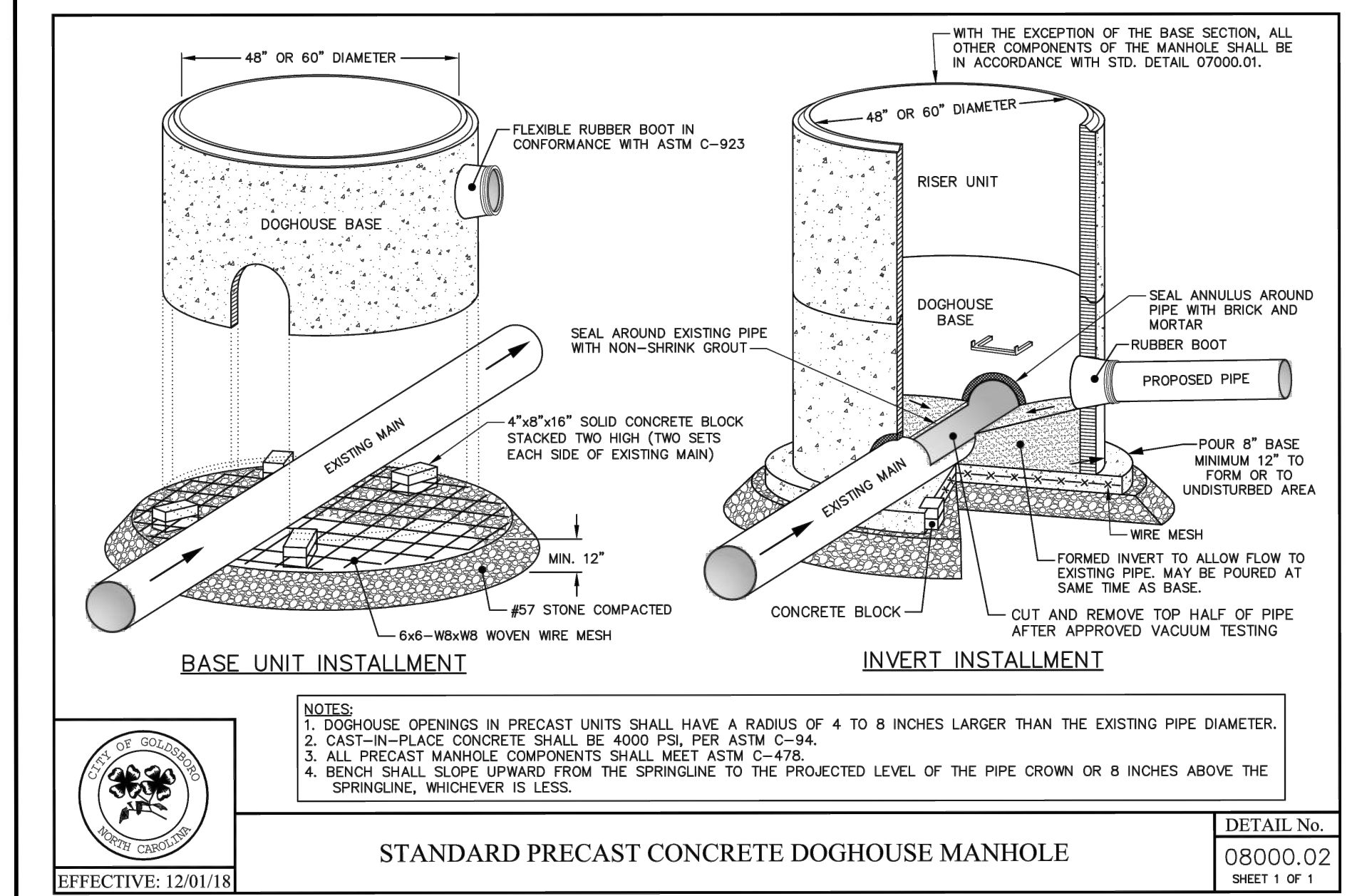
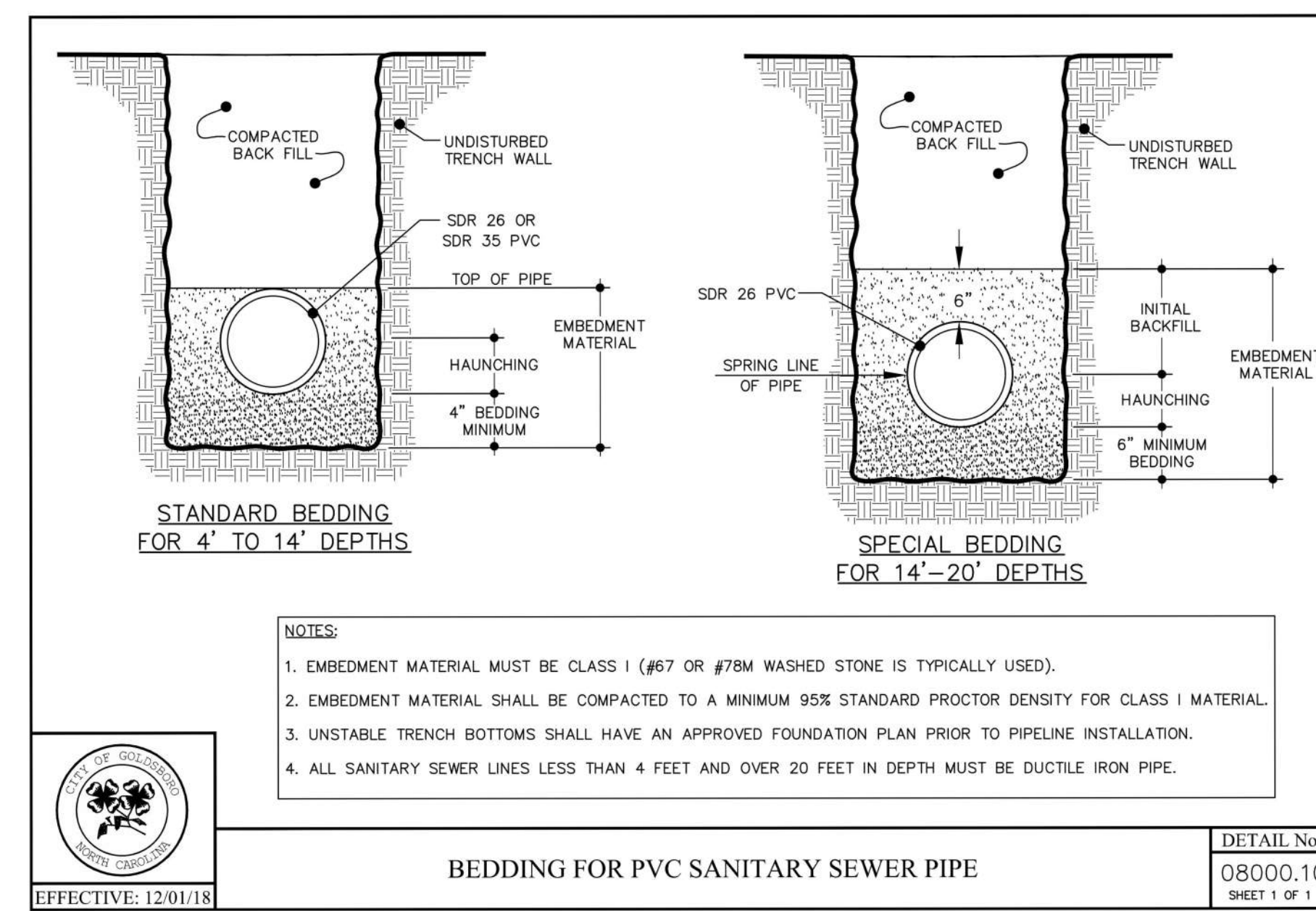
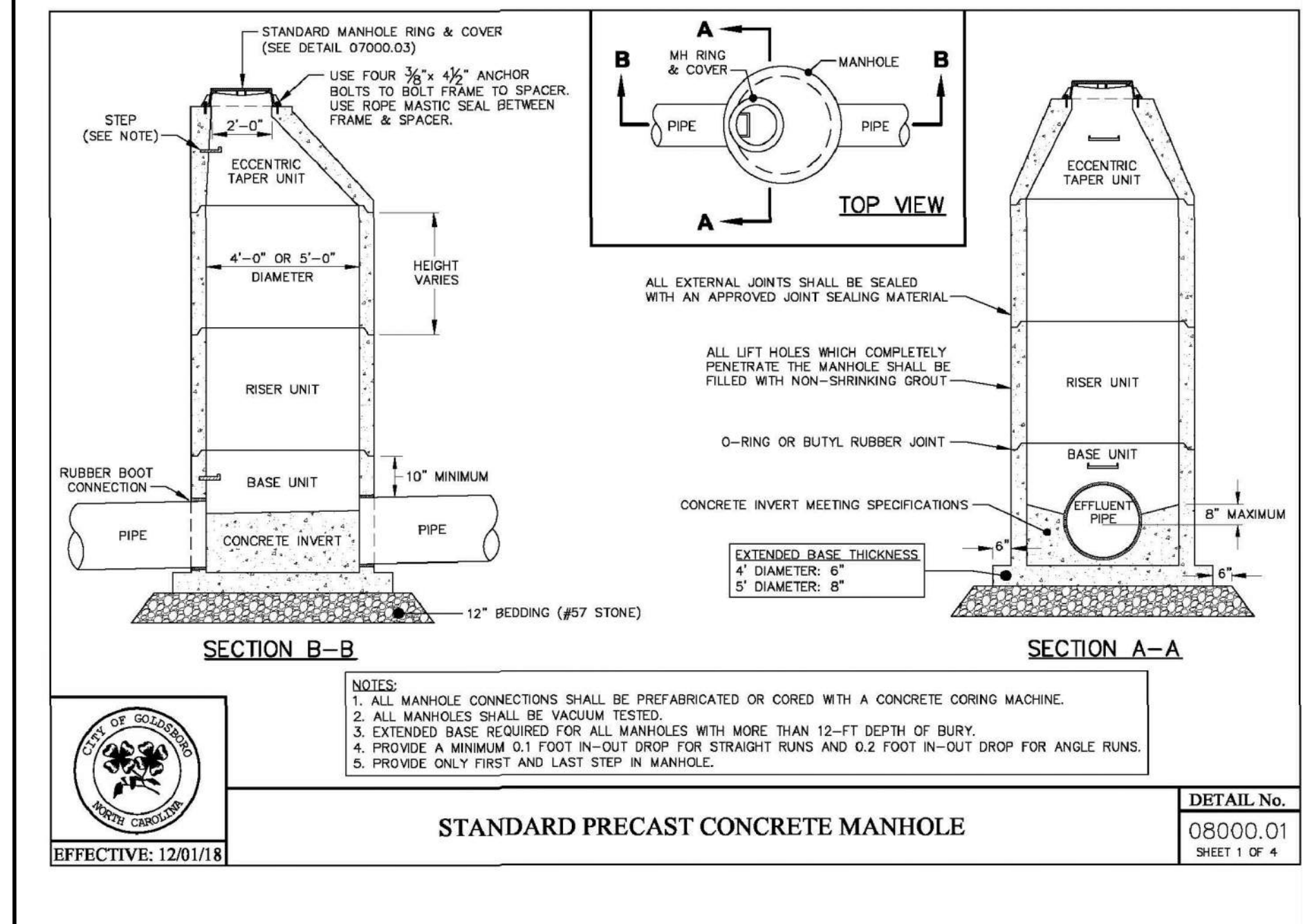
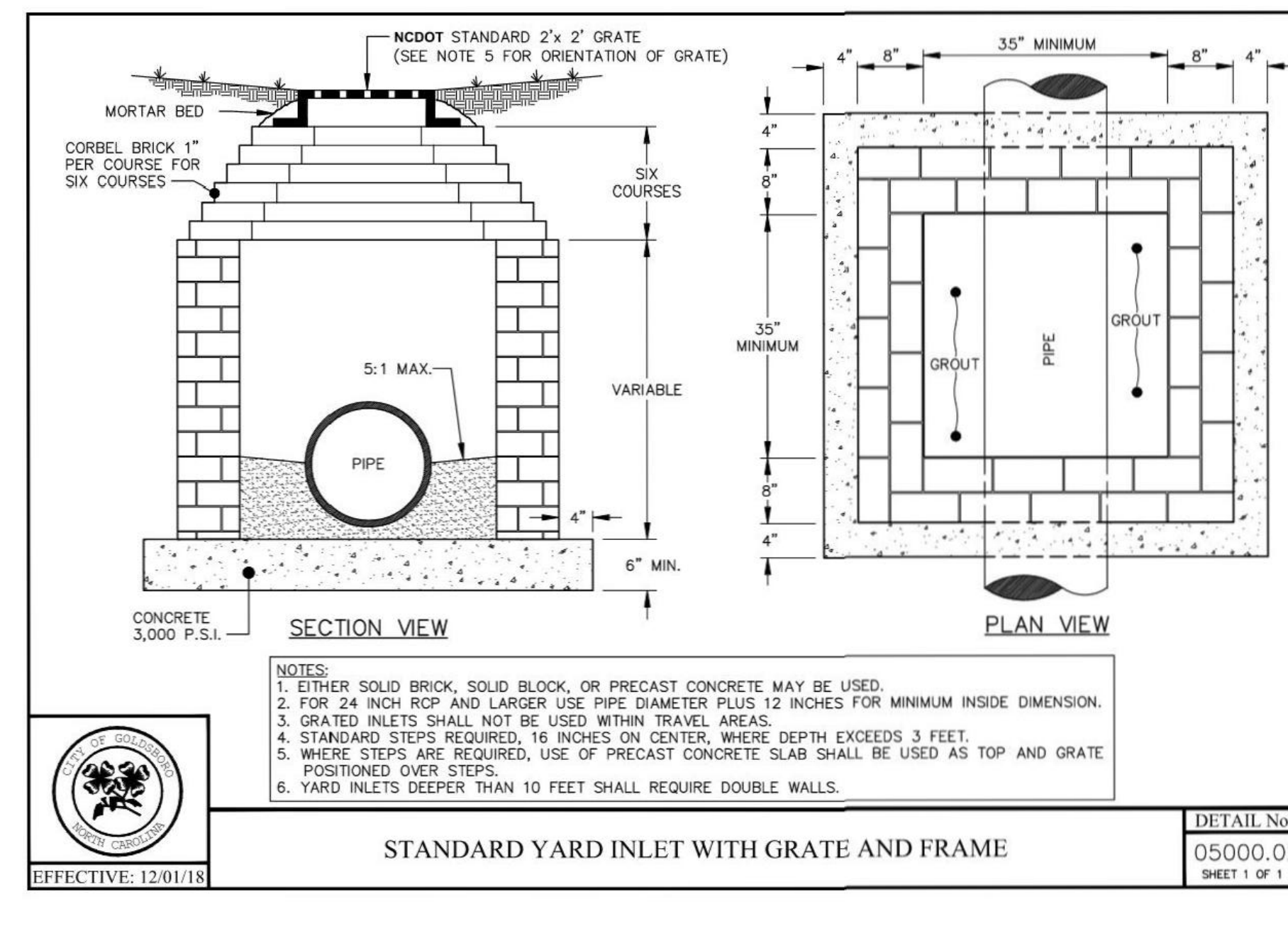
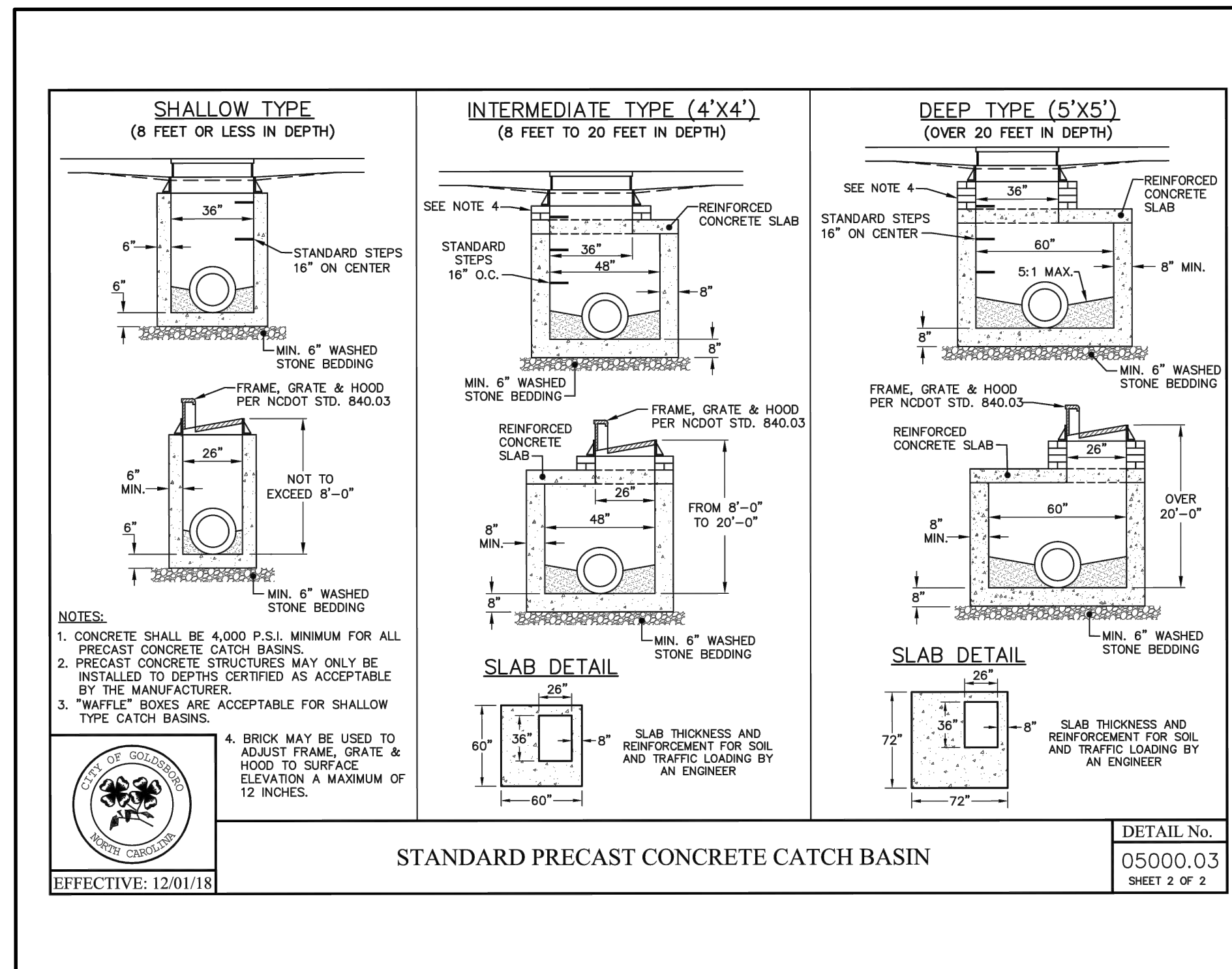
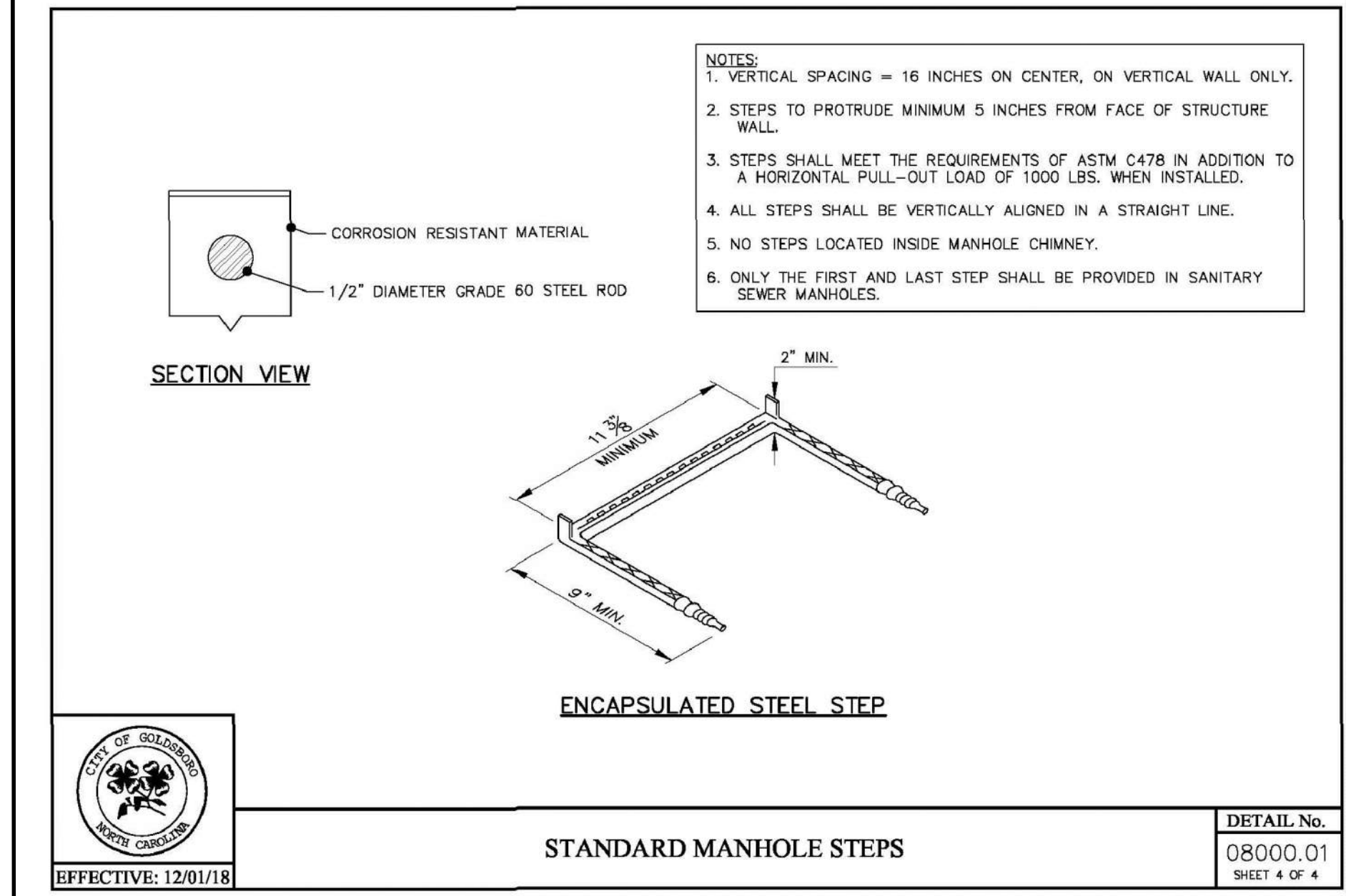
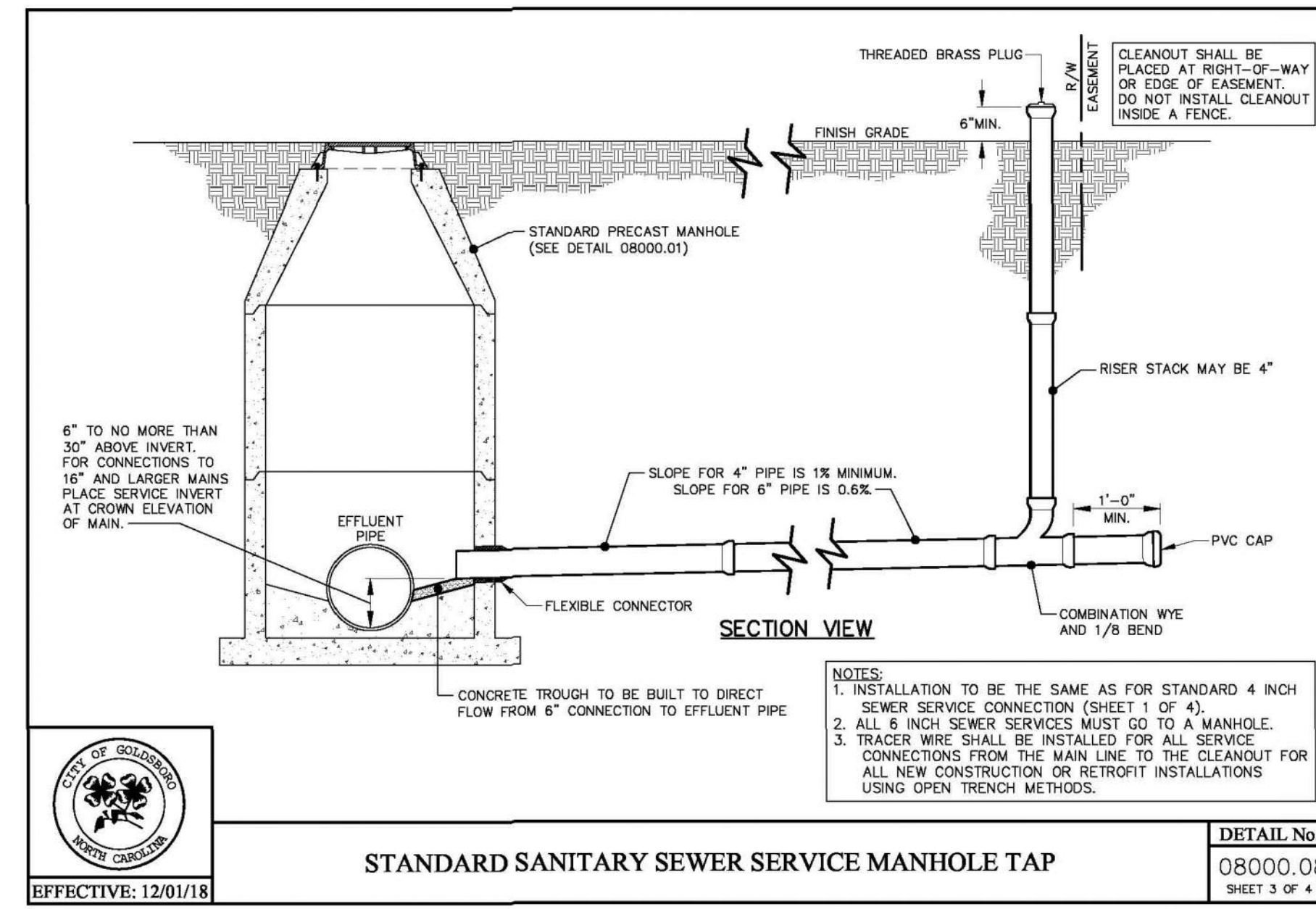
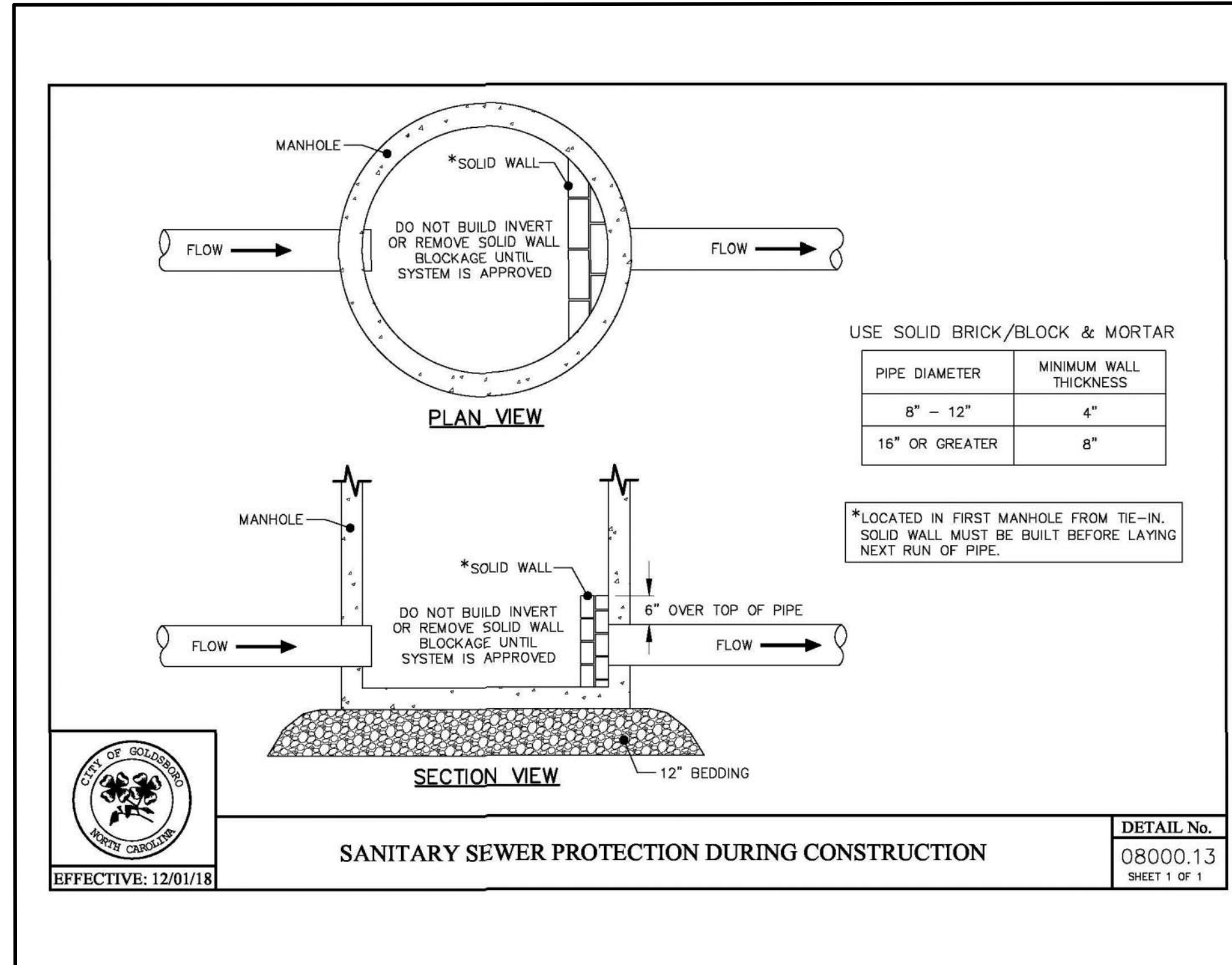
No. 1 08/28/2024 ADDENDUM #1

PA: RENE E PFEIFER
PM: RW
Drawn By: PH
Plot Date: 08/28/2024

DATE ISSUED
EARLY SITE DEMO
ADDENDUM #1
AUGUST 28, 2024

SHEET TITLE
UTILITY & STORM
DRAINAGE DETAILS

C-9.00



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Rosewood Middle School Addition

Early Site Demolition
Goldsboro, North Carolina

CLH Project No: 22-188

CLH design, p.a.
400 Regency Forest Drive, Suite 120
Cary, NC 27518



Addendum #1

August 28, 2024

Where any article, division or subparagraph of the original contract documents or other addenda is supplemented herein, the provisions of the original documents shall remain in effect. All the supplemental provisions shall be considered as added thereto. Where any such article, division or subparagraphs are amended, voided or superseded thereby, the provisions of such article, division or subparagraph not so specifically amended, voided or superseded shall remain in effect.

The attention of the Contractor is called to the following clarifications, additions to and changes in the plans and specifications dated 8/09/2024 on the above job. It will be the responsibility of each Contractor to call such clarifications, additions to and changes in the plans and specifications to the attention of subcontractors concerned. The Engineer in no way assumes any responsibility for notifying any subcontractor, material dealers or others not having received the original contract documents.

Revisions include the following but not limited to:

ITEM 1. GENERAL CONTRACT
Refer to Sheet C-2.0 Existing Conditions & Demo Plan

Revisions:

1. Refer to Legend, "Building/ structure to be removed. See Architectural Plans."
Text has been removed
2. Refer to Key Notes:
 - a. "Remove 181 LF of Fence" has been removed from Key Notes
 - b. "See Architectural Plans for Gymnasium Entrance Demolition" has been removed from Key Notes
3. Extent of asphalt to be removed has been revised on the southern and western sides of the existing school building
4. Approximate location of covered walkway installed by Wayne County Public Schools shown on plans

ITEM 2. GENERAL CONTRACT
Refer to Sheet C-4.01 Erosion Control Plan – PH I

Revisions:

1. Sheet C-4.01 Erosion Control Plan – PH I has been revised

ITEM 3. GENERAL CONTRACT
Refer to Sheet C-4.02 Erosion Control Plan – PH II

Revisions:

1. Sheet C-4.02 Erosion Control Plan – PH II has been revised.

ITEM 4.

GENERAL CONTRACT

Refer to Sheet C-5.01 Site, Grading & Utility Plan

Revisions:

1. Sanitary Sewer routing has been revised
2. Approximate location of covered walkway installed by Wayne County Public Schools shown on plans
3. Pavement Marking Directional arrows have been added to plans for temporary traffic during construction

END OF SITE/CIVIL ITEMS FOR THIS REVISION

END OF ADDENDUM 01