

# NHCS SEA-Tech SCIF Grant Addition & Renovations

## Addendum 3

June 30, 2023

To: All Plan Holders

From: Doug Sherwood, AIA



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### General Items

1. Project re-bid date and time remain the same as outlined in Addendum #2.
2. Revised Exhibit C is attached and shows changes to the construction schedule as a result of the project re-bid.
3. Revised Bid Form is attached with revisions to the wording in Section 1. Base Bid Proposal. Bidders must use this bid form for submitting their bids.

### Specification Items

1. None.

### Drawing Items

1. G1.1 Phasing Plan – Updated to reflect new construction schedule dates.
2. C3.0-A Grading and Drainage Plan – Revised to show location of drain pipe behind retaining wall. Note: coordinate fence location with location of drain pipe.

### Clarifications

1. Procedure for long lead time items – If the contractor experiences unusually long lead times for products that affect the critical path, and those items were submitted and ordered at the appropriate time, consideration for a reasonable time extension will be given. While the owner is anxious to occupy the building, the intent is for everyone to work as a team and not to penalize the contractor for conditions outside of their control.
2. Color/finish for exposed CMU faces:
  - o CMU infill associated with the existing renovations is to match the existing walls, which have a combination of split-face and smooth block, see partial elevations on A2.0-B and A6.0-B. Provide sizes as indicated on drawings. CMU infill at existing building to be painted to match the existing exterior walls.
  - o CMU for new building addition is to be split-face with integral water repellent in all locations and NOT exterior painted, sizes as indicated on drawings. Color to be selected by Architect from manufacturer's standard range.

## NHCS SEA-Tech SCIF Grant Addition & Renovations Addendum 2

3. Clarifications for retaining wall – Retaining wall to be constructed in the manner shown in Section 8-8/ S3.01-A, using 8" split-face block with integral water repellent. Color to match Architect's selection for CMU base of new Construction Trades building. Provide 4x8x16 solid CMU cap blocks with integral water repellent at top of retaining wall, color to match retaining wall.

### **Approved Substitutions**

1. See Addendum 1 for all approved substitutions.

**End of Addendum 3.**

**FACILITY PLANNING & CONSTRUCTION**  
**PROJECT EXHIBIT C**  
**MANAGEMENT PLAN**  
Revised 06.19.23

Project: SEA-Tech High School SCIF Grant  
Project No: 22-90458

D/D to NHCS Staff (with cost estimate)	January 16, 2023
D/D to NC State Dept. of Public Instruction	January 16, 2023
D/D Review Meeting with NHCS	February 8, 2023
D/D Approval (with comments noted)	February 10, 2023
C/D to NHCS Staff (with cost estimate)	April 10, 2023
C/D to NC State Dept. of Public Instruction	April 10, 2023
C/D Review Meeting with NHCS	April 27, 2023
C/D Approval (with comments noted)	April 28, 2023
Advertise for Bid (Formal)	May 28, 2023
Prebid Conference	June 6, 2023
Receive NC State Dept. of Public Instruction Approval	June 9, 2023
Receive Bids	July 11, 2023 <del>June 15, 2023</del>
Notice of Intent to Award	July 12, 2023 <del>June 16, 2023</del>
GC to submit for building permit	July 17, 2023 <del>June 20, 2023</del>
Bids to Board of Education	August 1, 2023 <del>July 11, 2023</del>
Notice to Proceed with Contract Activities	August 4, 2023 <del>July 14, 2023</del>
Pre-construction Conference	August 8, 2023 <del>July 18, 2023</del>
Phase 1 Shop Building- NTP with Work on Site	August 8, 2023 <del>July 18, 2023</del>
Phase 2 Interior Renovation- NTP with Work on Site	December 15, 2023
Phase 2 Interior Renovation- Substantial Completion	March 30, 2024
Phase 1 Shop Bldg- Substantial Completion	June 21, 2024 <del>June 1, 2024</del>
Phase 1 and 2- Final Completion	July 21, 2024 <del>July 1, 2024</del>
Eleven Month Warranty Inspection	June 21, 2025 <del>February 28, 2025</del>
Completion of Warranty items	July 21, 2025 <del>March 28, 2025</del>

**SECTION II**

**BID FORM**

FOR: SEA-Tech High School SCIF Grant Additions and Renovations  
22-90458

TO: New Hanover County Schools  
Facility Planning & Construction Department  
6410 Carolina Beach Road  
Wilmington, North Carolina 28412

FROM: \_\_\_\_\_  
BIDDER

\_\_\_\_\_  
ADDRESS

\_\_\_\_\_  
CITY STATE ZIP

\_\_\_\_\_  
PHONE FAX EMAIL ADDRESS

**1. BASE BID PROPOSAL:**

Having become completely familiar with the local conditions affecting the cost of work at the place where work is to be executed, and having carefully examined the site conditions as they currently exist, and having carefully examined the Bidding Documents prepared by Sawyer Sherwood & Associate, P.C. and titled SEA-Tech High School SCIF Grant Additions and Renovations dated May 16, 2023 together with any addenda to such Bidding Documents as listed hereinafter, the undersigned hereby proposes and agrees to provide all labor, materials, plant, equipment, transportation and other facilities as necessary and/or required to execute all of the work described by the aforesaid Bidding Documents for the lump sum consideration of:

Bidder shall write in the amount of the Base Bid here (*does not include Allowances*):

(\$ \_\_\_\_\_)

Total of Allowances: + \$ 30,000.00

Total Base Bid (*sum of Base Bid and Allowances*)

Bidder shall write in the amount of the Total Base Bid here:

\_\_\_\_\_ Dollars

(\$ \_\_\_\_\_)

said amount being hereinafter referred to as the Total Base Bid or Total Base Bid Proposal.

**2. ALTERNATES:**

The undersigned proposes to perform alternates for stated additions to or deductions from the Base Bid. Additions and deductions shall include any modifications of work or additional work that undersigned may be required to perform by reason of the acceptance of any alternate. (Bidder shall write in the amounts for the alternates listed below)

**ALTERNATE NO. G-1: Renovation and Expansion of Culinary Classroom**

Adjust Base Bid by ADDING \_\_\_\_\_  
\_\_\_\_\_ Dollars (\$ \_\_\_\_\_)

**ALTERNATE NO. G-2: Coffee Bar**

Adjust Base Bid by ADDING \_\_\_\_\_  
\_\_\_\_\_ Dollars (\$ \_\_\_\_\_)

**ALTERNATE NO. G-3: Door Hardware**

**Alternate No. G-3.1: Exit Devices by Von Duprin**

Adjust Base Bid by ADDING \_\_\_\_\_  
\_\_\_\_\_ Dollars (\$ \_\_\_\_\_)

**Alternate No. G-3.2: Continuous and Non-Continuous Hinges by Ives**

Adjust Base Bid by ADDING \_\_\_\_\_  
\_\_\_\_\_ Dollars (\$ \_\_\_\_\_)

**Alternate No. G-3.3: Locks/Latches by Yale**

Adjust Base Bid by ADDING \_\_\_\_\_  
\_\_\_\_\_ Dollars (\$ \_\_\_\_\_)

**Alternate No. G-3.4: Cylinder/Keyway by Yale**

Adjust Base Bid by ADDING \_\_\_\_\_  
\_\_\_\_\_ Dollars (\$ \_\_\_\_\_)

**Alternate No. G-3.5: Door Closers by LCN**

Adjust Base Bid by ADDING \_\_\_\_\_  
\_\_\_\_\_ Dollars (\$ \_\_\_\_\_)

**Alternate No. G-3.6: Electronic Locks by Schlage**

Adjust Base Bid by ADDING \_\_\_\_\_

**Alternate No. G-3.7: AD400s by Schlage**

Adjust Base Bid by ADDING \_\_\_\_\_  
\_\_\_\_\_ Dollars (\$ \_\_\_\_\_)

**ALTERNATE NO. G-4: Cameras to be Panasonic iPro series**

Adjust Base Bid by ADDING \_\_\_\_\_  
\_\_\_\_\_ Dollars (\$ \_\_\_\_\_)

**ALTERNATE NO. G-5: Intercom to be by Bogen**

Adjust Base Bid by ADDING \_\_\_\_\_  
\_\_\_\_\_ Dollars (\$ \_\_\_\_\_)

**ALTERNATE NO. G-6: Emergency Panic Alarm by United Security Projects**

Adjust Base Bid by ADDING \_\_\_\_\_  
\_\_\_\_\_ Dollars (\$ \_\_\_\_\_)

**ALTERNATE NO. G-7: Security Alarm system by Honeywell Ademco Vista**

Adjust Base Bid by ADDING \_\_\_\_\_  
\_\_\_\_\_ Dollars (\$ \_\_\_\_\_)

**ALTERNATE NO. G-8: Access Video Intercom System by AiPhone**

Adjust Base Bid by ADDING \_\_\_\_\_  
\_\_\_\_\_ Dollars (\$ \_\_\_\_\_)

**3. SUBCONTRACTOR LISTING**

Bidders are requested to identify below the names of major subcontractors, including but not limited to contractors selected to perform the site, mechanical, electrical and plumbing portions of the work, and the subcontractors' respective bid prices for the work. This information is requested to be submitted at bid time.

Name of Subcontractor	Amount of Bid

**4. BID BREAKDOWN:**

Not used.

**5A. UNIT PRICES**

Not used.

**5B. ALLOWANCES**

Total Base Bid includes all cash allowances listed below. Unused amounts will be credited to the Owner by Change Order at the end of the project.

Owner Allowance: \$30,000.00

**TOTAL OF ALLOWANCES: \$30,000.00**

**6. SCHEDULE / WORKING HOURS**

The following dates shall be adhered to unless modified by written agreement between Owner and Contractor, and executed as a Change Order to the Contract.

Notice to Proceed: Contract Activities	August 4, 2023
Ph. 1 Constr. Trades Bldg. Notice to Proceed on Site	August 8, 2023
Ph. 2 Int. Renov. Notice to Proceed on Site	December 15, 2023
Ph. 2 Int. Renov. Substantial Completion	March 30, 2024
Ph. 1 Constr. Trades Bldg. Substantial Completion	June 21, 2024
Ph. 1 and Ph. 2 Final Completion:	July 21, 2024

Owner reserves the right to withhold Notice to Proceed by up to 30 days. Contractor may not begin work until a written Notice to Proceed is issued. For each day that the Notice to Proceed is withheld pursuant to this paragraph, the dates established for Substantial and Final Completion shall be adjusted. The Contractor shall not be entitled to additional compensation if the Owner withholds the issuance of the Notice to Proceed pursuant to this paragraph. If Notice to Proceed is withheld due to Contractor delays, no adjustment of completion times will be granted.

Normal working days and hours are: Monday through Friday, 7:00 a.m. – 5:00 p.m., excluding school Holidays.

**7. MINORITY BUSINESSES:**

**Please circle the Ownership category of Bidder’s firm:**

Non-Minority / Black / Hispanic / Asian-American / American Indian / White Female / Socially & Economically Disadvantaged.

**If Ownership is Minority Female (circle):**

NO – Firm is not minority owned.

YES – Firm is minority-female owned.

**Source of Ownership category (certification/ verification) (circle one):**

Not Applicable / State of NC HUB / State of NC DOT / Local Agency / Federal Agency / Out-of State Agency / Self-Identified / Unknown

Each Bidder shall identify on its bid the minority businesses that it will use on the project and the corresponding total dollar value of the bid. (Bidder shall write in the names and subcontract amount of minority businesses used in bid)

Name of Minority Business	Subcontract Amount
<b>TOTAL:</b>	

In addition to the information above, the Bidder must complete and provide with the bid one of the following affidavits:

**Affidavit A – Listing of Good Faith Efforts**

This affidavit documents the good faith efforts of the Bidder and is to be submitted with the bid if the Bidder is subcontracting portions of the work.

**Affidavit B – Intent to Perform Contract with Own Forces**

This affidavit documents the intent of the Bidder to perform the contract with its own workforce and is to be submitted with the bid if the Bidder is not subcontracting portions of the work.

NOTE: The Bidder must include either Affidavit A or Affidavit B with the Bid. Failure to include either of these affidavits may result in declaring the bid non-responsive.

**8. ADDENDA ACKNOWLEDGEMENT:**

The undersigned acknowledges receipt of the following addenda: (Bidder to write in the number and date appearing on each addendum received)

Addendum No.	Date	Addendum No.	Date

**9. BID SECURITY:**

Bid security in the amount of five (5) percent of the Base Bid is attached, without endorsement, in the sum of \_\_\_\_\_ Dollars (\$) which is to become the property of the Owner in the event the Contract and Performance and Payment Bonds are not executed within the time set forth, as liquidated damages for the delay and additional work caused to the Owner.



10. The undersigned declares that the person or persons signing this Bid is/are fully authorized to sign on behalf of the firm listed and to fully bind the firm listed to all the Bid's conditions and provisions thereof.
11. It is agreed that no person or persons or company other than the firm listed below or as otherwise indicated has any interest whatsoever in this Bid or the contract that may be entered into as a result of the Bid and that in all respects the Bid is legal and firm, submitted in good faith without collusion or fraud.
12. It is agreed that the undersigned has complied or will comply with all requirements of local, state, and national laws, and that no legal requirement has been or will be violated in making or accepting this Bid, in awarding the Contract to him and/or in the prosecution of the work required.
13. It is agreed that the undersigned shall provide any information deemed necessary by the Owner to establish the responsiveness and responsibility of the bidder.
14. The undersigned acknowledges that he has received a copy of the Owner–Contractor Agreement.
15. The following information is provided pursuant to the Contract Documents:

1. Legal Name of Firm:

\_\_\_\_\_

a. If Firm is a corporation, state that corporation is organized under the laws of the State of \_\_\_\_\_ Please affix corporate seal to this Bid Form.

b. If Firm is a partnership, state names of partners: \_\_\_\_\_

\_\_\_\_\_

c. If Firm is an individual using a trade name, state name of individual: \_\_\_\_\_

\_\_\_\_\_

2. North Carolina Contractor's License Number: \_\_\_\_\_

Respectfully submitted, this

\_\_\_\_\_ day of \_\_\_\_\_, 20\_\_

(Signature) \_\_\_\_\_

(Name Typed) \_\_\_\_\_

(Title) \_\_\_\_\_

(SEAL IF BIDDER IS A CORPORATION)

**END OF SECTION II – BID FORM**

Enclosure

1. Either Affidavit A or B
2. Bid Bond

**AFFIDAVIT A**

**Listing of Good Faith Efforts**

County of \_\_\_\_\_

Affidavit of \_\_\_\_\_  
(Name of Bidder)

I have made a good faith effort to comply under the following areas checked:

**Bidders must earn at least 50 points from the good faith efforts listed for their bid to be considered responsive.**

- 1 – (10 pts)** Contacted minority businesses that reasonably could have been expected to submit a quote and that were known to the contractor, or available on State or local government maintained lists, at least 10 days before the bid date and notified them of the nature and scope of the work to be performed.
- 2 --(10 pts)** Made the construction plans, specifications and requirements available for review by prospective minority businesses, or providing these documents to them at least 10 days before the bids are due.
- 3 – (15 pts)** Broken down or combined elements of work into economically feasible units to facilitate minority participation.
- 4 – (10 pts)** Worked with minority trade, community, or contractor organizations identified by the Office of Historically Underutilized Businesses and included in the bid documents that provide assistance in recruitment of minority businesses.
- 5 – (10 pts)** Attended prebid meetings scheduled by the public owner.
- 6 – (20 pts)** Provided assistance in getting required bonding or insurance or provided alternatives to bonding or insurance for subcontractors.
- 7 – (15 pts)** Negotiated in good faith with interested minority businesses and did not reject them as unqualified without sound reasons based on their capabilities. Any rejection of a minority business based on lack of qualification should have the reasons documented in writing.
- 8 – (25 pts)** Provided assistance to an otherwise qualified minority business in need of equipment, loan capital, lines of credit, or joint pay agreements to secure loans, supplies, or letters of credit, including waiving credit that is ordinarily required. Assisted minority businesses in obtaining the same unit pricing with the bidder's suppliers in order to help minority businesses in establishing credit.
- 9 – (20 pts)** Negotiated joint venture and partnership arrangements with minority businesses in order to increase opportunities for minority business participation on a public construction or repair project when possible.
- 10 - (20 pts)** Provided quick pay agreements and policies to enable minority contractors and suppliers to meet cash-flow demands.

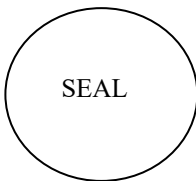
The undersigned, if apparent low bidder, will enter into a formal agreement with the firms listed in the Identification of Minority Business Participation schedule conditional upon scope of contract to be executed with the Owner.

The undersigned hereby certifies that he or she has read the terms of the minority business commitment and is authorized to bind the bidder to the commitment herein set forth.

Date: \_\_\_\_\_ Name of Authorized Officer: \_\_\_\_\_

Signature: \_\_\_\_\_

Title: \_\_\_\_\_



State of North Carolina, County of \_\_\_\_\_

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_\_

Notary Public \_\_\_\_\_

My commission expires \_\_\_\_\_

**AFFIDAVIT B**

**Intent To Perform Contract With Own Forces**

County of \_\_\_\_\_

Affidavit of \_\_\_\_\_  
(Name of Bidder)

I hereby certify that it is our intent to perform 100% of the work required for the \_\_\_\_\_  
\_\_\_\_\_ contract.  
(Name of Project)

In making this certification, the Bidder states that the Bidder does not customarily subcontract elements of this type project, and normally performs and has the capability to perform and will perform all elements of the work on this project with his/her own current work forces; and

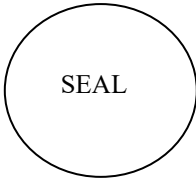
The Bidder agrees to provide any additional information or documentation requested by the owner in support of the above statement.

The undersigned hereby certifies that he or she has read this certification and is authorized to bind the Bidder to the commitments herein contained.

Date: \_\_\_\_\_ Name of Authorized Officer: \_\_\_\_\_

Signature: \_\_\_\_\_

Title: \_\_\_\_\_



State of North Carolina, County of \_\_\_\_\_

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_ 20 \_\_\_\_\_

Notary Public \_\_\_\_\_

My commission expires \_\_\_\_\_

**AFFIDAVIT C**

**Portion of the Work to be Performed by Minority Firms**

County of \_\_\_\_\_

**(Note: this form is to be submitted ONLY by the apparent lowest responsible, responsive bidder. This form is not to be included with bid.)**

If the portion of the work to be executed by minority businesses as defined in GS143-128.2(g) is equal to or greater than 10% of the bidder's total contract price, then the Bidder must complete this affidavit. Either Affidavit C or Affidavit D shall be provided by the apparent lowest responsible, responsive Bidder within **72 hours** after notification of being low Bidder.

Affidavit of \_\_\_\_\_ I do hereby certify that  
(Name of Bidder)

on the \_\_\_\_\_  
(Project Name)

Project ID# \_\_\_\_\_ Amount of Bid \$ \_\_\_\_\_

I will expend a minimum of \_\_\_\_\_% of the total dollar amount of the contract with minority business enterprises. Minority businesses will be employed as construction subcontractors, vendors, suppliers or providers of professional services. Such work will be subcontracted to the following firms listed below. Attach additional sheets if required.

Name and Phone Number	*Minority Category	Work description	Dollar Value

\*Minority categories: Black, African American (B), Hispanic (H), Asian American (A), American Indian (I), Female (F) Socially and Economically Disadvantaged (D)

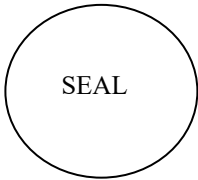
Pursuant to GS143-128.2(d), the undersigned will enter into a formal agreement with Minority Firms for work listed in this schedule conditional upon execution of a contract with the Owner. Failure to fulfill this commitment may constitute a breach of the contract.

The undersigned hereby certifies that he or she has read the terms of this commitment and is authorized to bind the bidder to the commitment herein set forth.

Date: \_\_\_\_\_ Name of Authorized Officer: \_\_\_\_\_

Signature: \_\_\_\_\_

Title: \_\_\_\_\_



State of North Carolina, County of \_\_\_\_\_

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_

Notary Public \_\_\_\_\_

My commission expires \_\_\_\_\_

**AFFIDAVIT D**

**Good Faith Efforts**

County of \_\_\_\_\_

**(Note: this form is to be submitted ONLY by the apparent lowest responsible, responsive bidder. This form is not to be included with bid.)**

If the goal of 10% participation by minority business **is not** achieved, the Bidder must complete this affidavit. Either Affidavit C or Affidavit D shall be provided by the apparent lowest responsible, responsive Bidder within **72 hours** after notification of being low Bidder.

Affidavit of: \_\_\_\_\_  
(Name of Bidder)

I do certify the attached documentation as true and accurate representation of my good faith efforts. Attach additional sheets if required

Name and Phone Number	Minority Category	Work description	Dollar Value

\*Minority categories: Black, African American (**B**), Hispanic (**H**), Asian American (**A**) American Indian (**I**), Female (**F**), Socially and Economically Disadvantaged (**D**)

Documentation of the Bidder's good faith efforts to meet the goals set forth in these provisions. Examples of documentation include, but are not limited to, the following evidence:

- A. Copies of solicitations for quotes to at least three (3) minority business firms from the source list provided by the State for each subcontract to be let under this contract (if 3 or more firms are shown on the source list). Each solicitation shall contain a specific description of the work to be subcontracted, location where bid documents can be reviewed, representative of the Prime Bidder to contact, and location, date and time when quotes must be received.
- B. Copies of quotes or responses received from each firm responding to the solicitation.
- C. A telephone log of follow-up calls to each firm sent a solicitation.
- D. For subcontracts where a minority business firm is not considered the lowest responsible sub-bidder, copies of quotes received from all firms submitting quotes for that particular subcontract.
- E. Documentation of any contacts or correspondence to minority business, community, or contractor organizations in an attempt to meet the goal.
- F. Copy of pre-bid roster.
- G. Letter documenting efforts to provide assistance in obtaining required bonding or insurance for minority business.
- H. Letter detailing reasons for rejection of minority business due to lack of qualification.
- I. Letter documenting proposed assistance offered to minority business in need of equipment, loan capital, lines of credit, or joint pay agreements to secure loans, supplies, or letter of credit, including waiving credit that is ordinarily required.

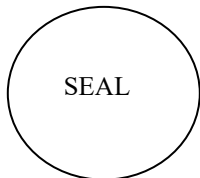
Failure to provide the documentation as listed in these provisions may result in rejection of the bid and award to the next lowest responsible and responsive bidder.



Date: \_\_\_\_\_ Name of Authorized Officer: \_\_\_\_\_

Signature: \_\_\_\_\_

Title: \_\_\_\_\_



State of North Carolina, County of \_\_\_\_\_

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_ 20 \_\_\_\_\_

Notary Public \_\_\_\_\_

My commission expires \_\_\_\_\_

**BID BOND**

**KNOW ALL MEN BY THESE PRESENTS**, That we,

\_\_\_\_\_

(Bidder's Name)

\_\_\_\_\_, of \_\_\_\_\_

(Street Address)

(City, State, Zip)

hereinafter called the Principal, and

\_\_\_\_\_

(Surety's Name)

a corporation organized and existing under the Laws of the State of \_\_\_\_\_, and authorized to transact business in the State of \_\_\_\_\_, as Surety, hereinafter called Surety, are held and firmly bound unto \_\_\_\_\_ as the Owner and hereinafter called Obligee, in the Penal sum of five percent (5%) of the amount bid, good and lawful money of the United States of America, for the payment of which the Principal and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

The Condition of this Obligation is such, that, WHEREAS the Principal has submitted a proposal to the Obligee on a contract for the construction

of \_\_\_\_\_

(Contract Name and Number)

**NOW THEREFORE**, if the Obligee shall accept the bid of the Principal and the Principal shall enter into a contract with the Obligee in accordance with the terms of such bid, and give such bond or bonds as may be specified in the Bidding or Contract Documents with good and sufficient surety for the faithful performance of such construction for the prompt payment of labor and material furnished in the prosecution thereof, or in the event of the failure of the Principal to enter such contract and give such bond or bonds, if the Principal shall pay to the Obligee the difference not to exceed the penalty hereof between the amount specified in said bid and such larger amount for which the Obligee may in good faith contract with another party to perform the Work covered by said bid, then this obligation shall be null and void; otherwise to remain in full force and effect.

In witness whereof, we have hereunto set our signatures and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, all pursuant to due authorization.

\_\_\_\_\_  
Principal / Owner

(Seal)

By \_\_\_\_\_

Surety

By \_\_\_\_\_

Attorney-in-Fact in accordance  
with the attached Power of Attorney

STATE OF \_\_\_\_\_ )

COUNTY OF \_\_\_\_\_ )

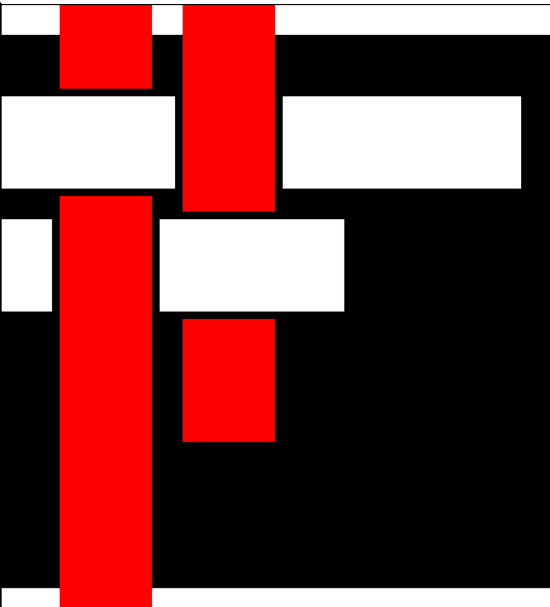
I, \_\_\_\_\_, a Notary Public in and for the State and County aforesaid, do hereby certify that \_\_\_\_\_, and \_\_\_\_\_, whose names are signed to the foregoing bond, this day personally appeared before me in my State and County aforesaid and acknowledged the same.

Given under my hand seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_  
Notary Public

(Seal)

\_\_\_\_\_  
My Commission expires:



**SAWYER  
SHERWOOD  
& ASSOCIATE  
ARCHITECTURE**

124 Market Street  
Wilmington, NC 28401  
910 762-0892  
S2a3.com

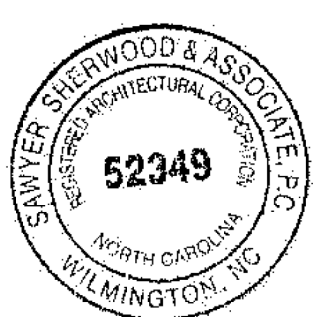
**PARAMOUNT**  
ENGINEERING INC.

**WE**  
WOODS ENGINEERING  
Creative Solutions

**CBHF**  
Engineers, PLLC



**FOODESIGN**  
The Foodservice Design Agency



NHCS Project No.  
22-90458

Southeast Area  
Technical High  
School  
SCIF Grant Addition  
& Renovations

5301 Sidbury Rd.  
Castle Hayne, NC 28429

Construction Drawings

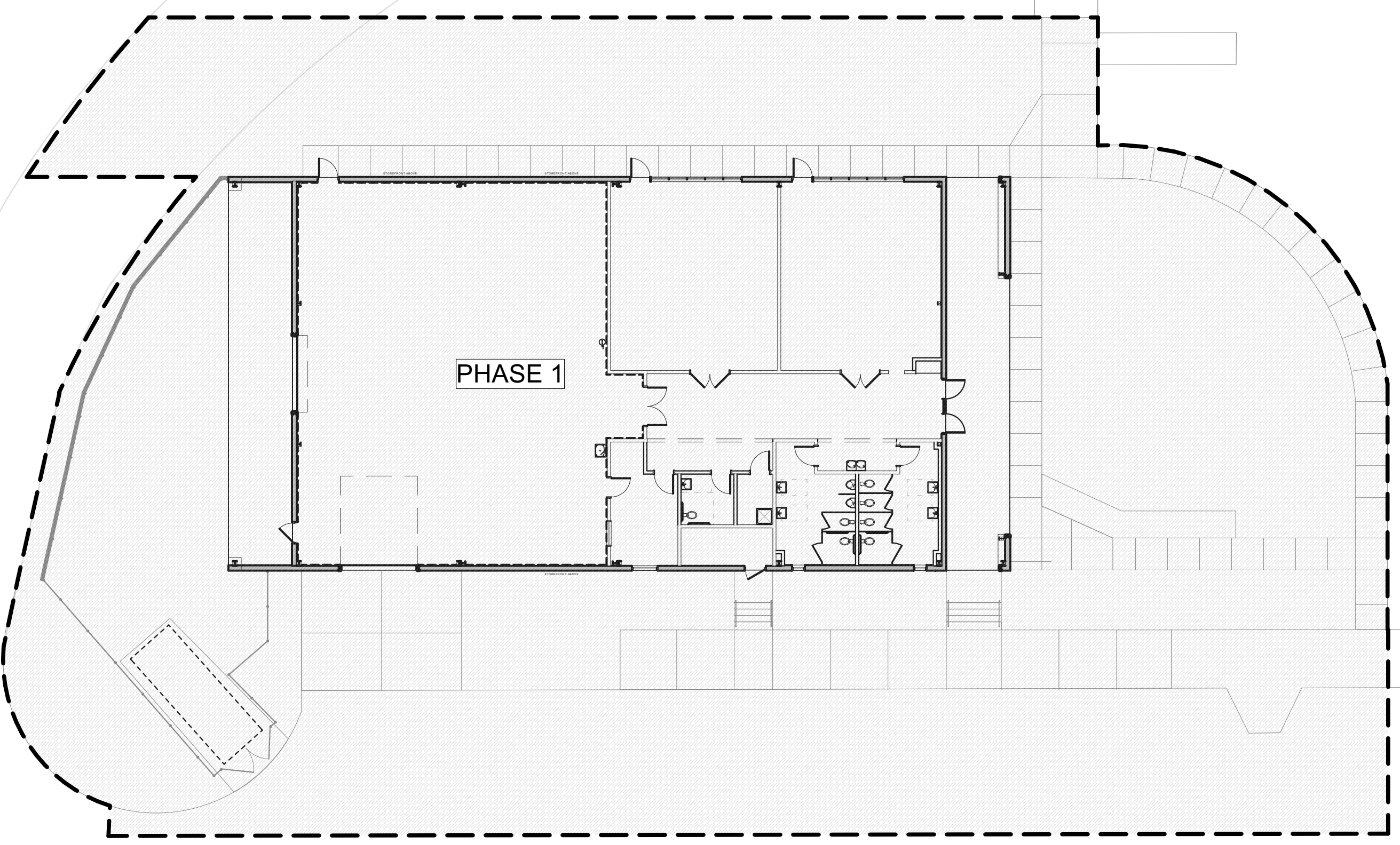
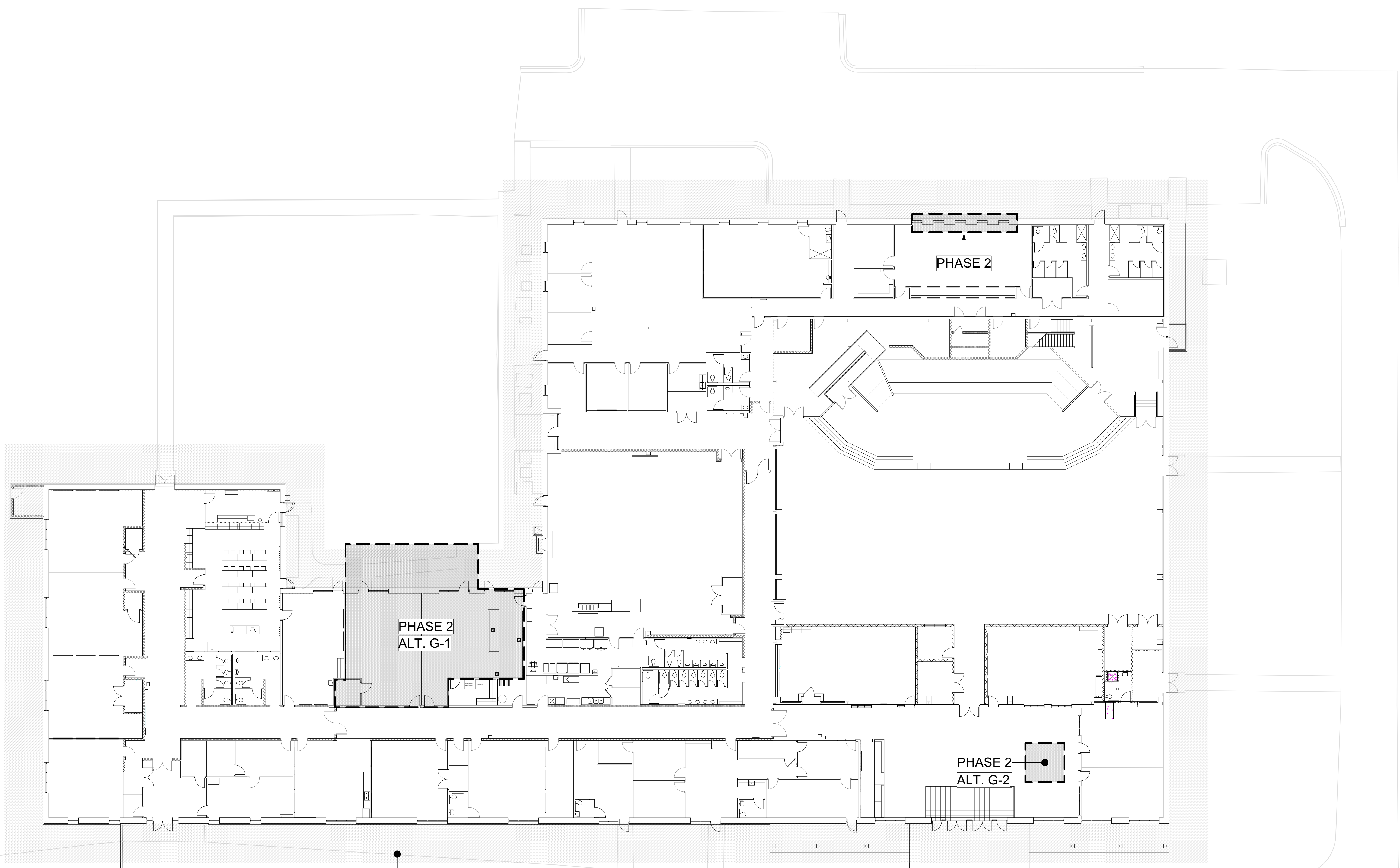
Issue Date: May 16, 2023

Phasing Plan

Rev.	Date	Notes
1	6/28/23	ADDENDUM #3

**G1.1**

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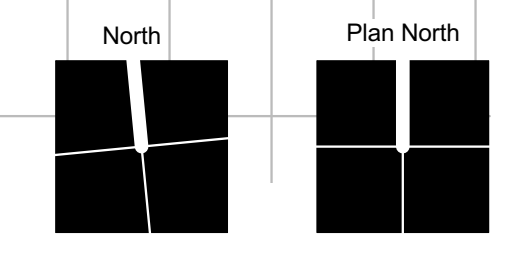
**PHASE 1**  
SEE CIVIL  
DRAWINGS FOR  
EXTENTS.

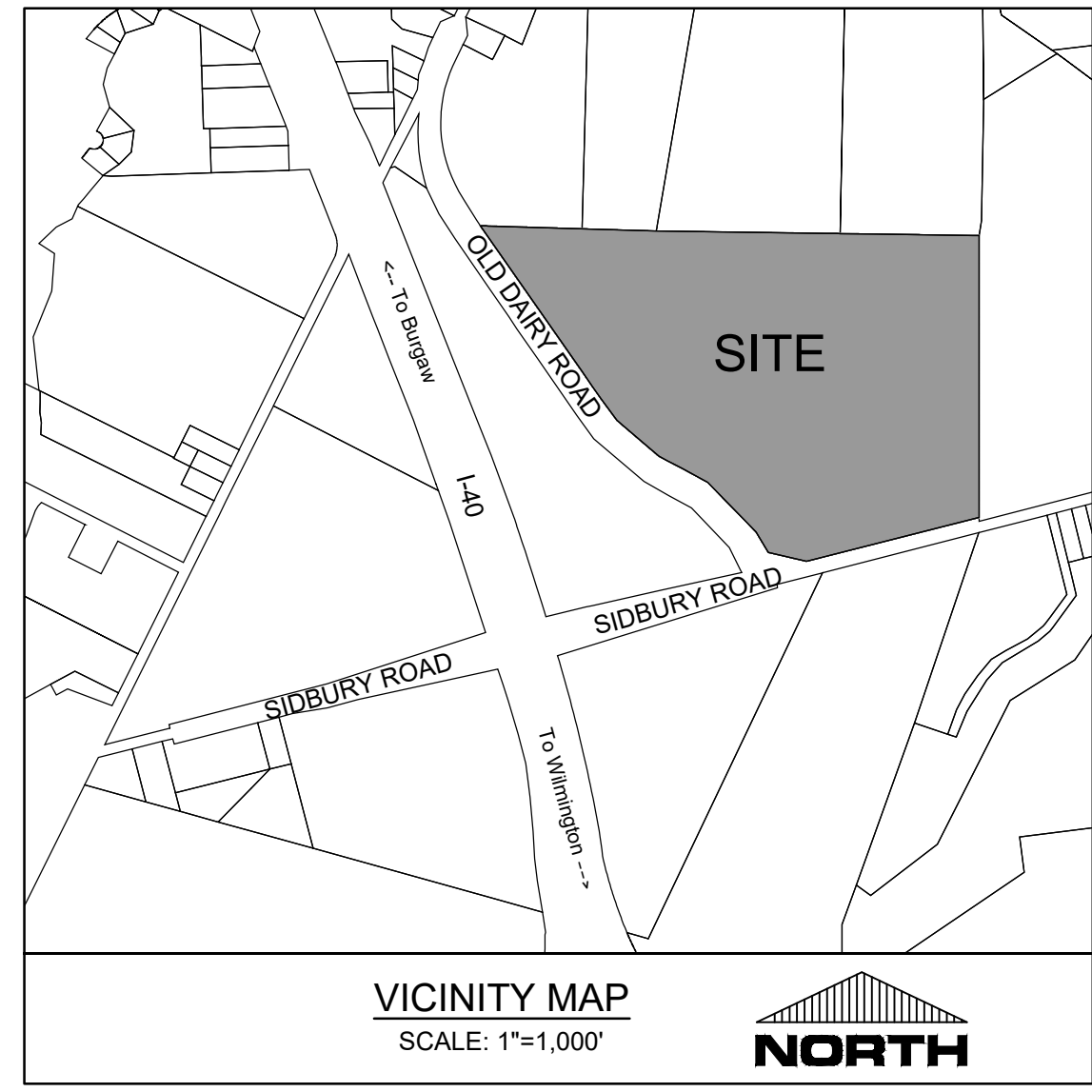
**1**  
**G1.1** Phasing Plan  
Scale: 1/16" = 1'-0"

**NOTES**

**PHASE 1:** CONSTRUCTION TRADES BUILDING ADDITION  
SITE DRAINAGE IMPROVEMENTS  
NOTICE TO PROCEED WITH CONSTRUCTION ACTIVITIES - AUG. 4, 2023  
SUBSTANTIAL COMPLETION PHASE 1 - JUNE 21, 2024

**PHASE 2:** INTERIOR RENOVATIONS  
ALT. G-1 CULINARY ARTS RENOVATIONS  
ALT. G-2 COFFEE BAR  
NOTICE TO PROCEED WITH CONSTRUCTION ACTIVITIES - DEC. 15, 2023  
SUBSTANTIAL COMPLETION PHASE 2 - MARCH 30, 2024  
FINAL COMPLETION FOR BOTH PHASES: JULY 21, 2024





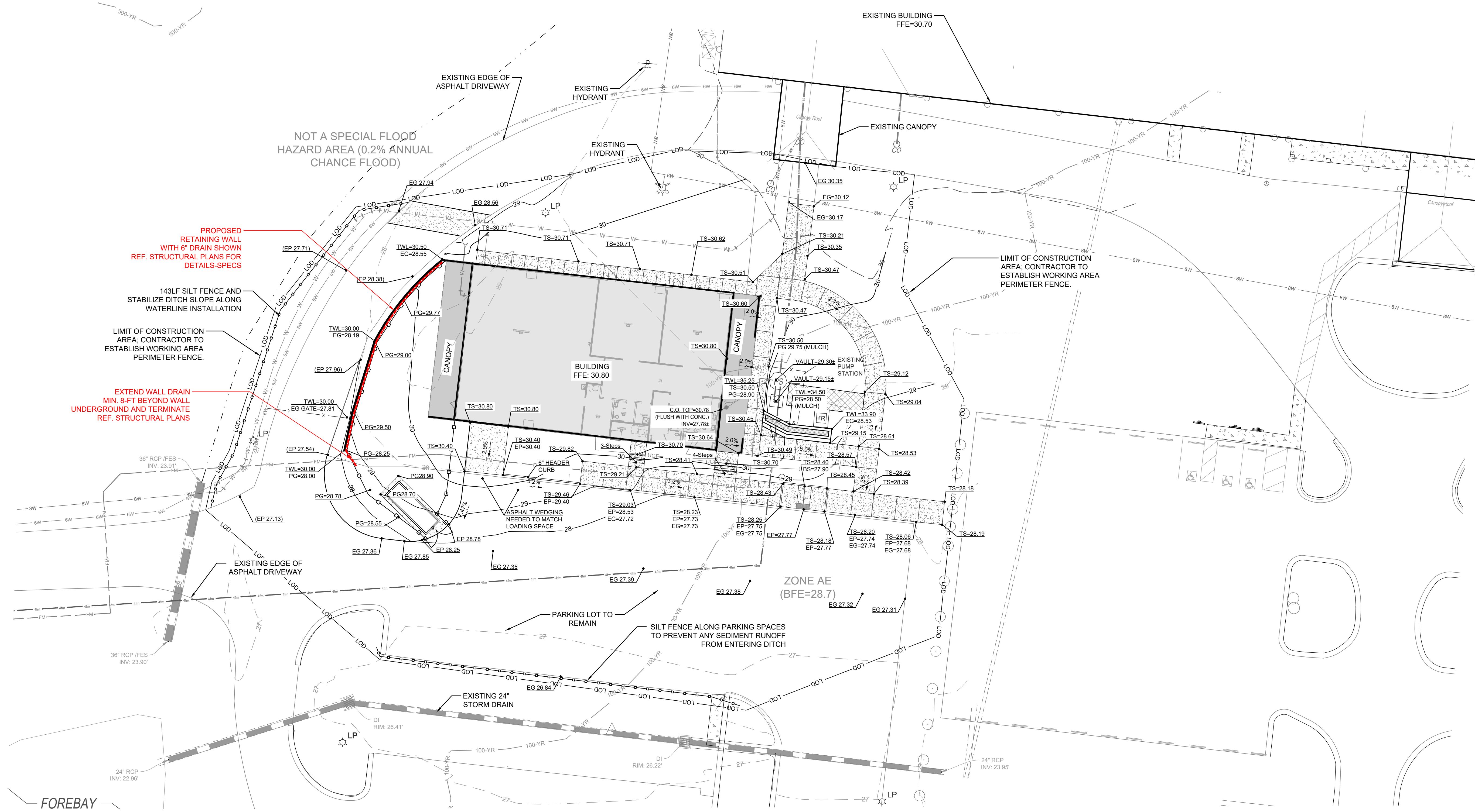
**SITE INFORMATION**  
 PARCEL ID: R01800-003-012-000  
 PARCEL ADDRESS: 5601 SIDBURY ROAD  
 CASTLE HAYNE, NC 28429  
 CURRENT ZONING: R-15  
 EXISTING USE: HIGH SCHOOL FACILITY  
 PROPOSED USE: HIGH SCHOOL EXPANSION  
 PROJECT SITE AREA: ± 75.31 ACRES (± 3,454,744 SF)

**OWNER INFORMATION:**  
 NEW HANOVER COUNTY SCHOOLS  
 2814 CAROLINA BEACH RD  
 WILMINGTON, NC 28412

**FLOOD INFORMATION:**  
 THIS PARCEL CONTAINS AREAS LOCATED IN SPECIAL FLOOD HAZARD ZONE 'AE' AS DETERMINED BY FEMA FLOOD PANEL 3720324100K DATED AUGUST 28, 2018

**DEED BOOK & PAGE:**  
 DB 5828, PG 1563

**BUILDING INFORMATION**  
 CONSTRUCTION TYPE: REF. APPENDIX B (ARCH.)  
 NUMBER OF EXISTING BUILDINGS: 1  
 NUMBER OF PROPOSED BUILDINGS: 1  
 PROPOSED BUILDING SF: 6,190 SF (FOOTPRINT)  
 PROPOSED HEIGHT: 20' MAX.



**DRAINAGE NOTES:**

- 1.) PROPOSED BUILDINGS SHALL DIVERT ROOF DRAINAGE TO STORMWATER COLLECTION SYSTEM VIA SHEET FLOW WITH DOWNSPOUT SPLASH PADS OR NO DOWNSPOUTS (REFERENCE ARCHITECTURAL ROOF PLANS.)

**GRADING NOTES:**

- 1.) SEE GENERAL NOTES SHEET (C-1.0) FOR GRADING, DRAINAGE AND EROSION CONTROL NOTES AND DETAILS FOR MORE INFORMATION.
- 2.) ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH NEW HANOVER COUNTY SCHOOL STANDARDS AND SPECIFICATIONS AND/OR TECHNICAL SPECIFICATIONS SEALED AS PART OF THESE CONSTRUCTION DOCUMENTS.
- 3.) GEOTECHNICAL TESTING SHALL BE PERFORMED ON-SITE. A GEOTECHNICAL ENGINEER SHALL BE CONSULTED TO CONFIRM SUITABILITY OF SUBGRADE MATERIAL AND PROPER COMPACTION IN FILL AREAS.

**ASPHALT AREA NOTE:**

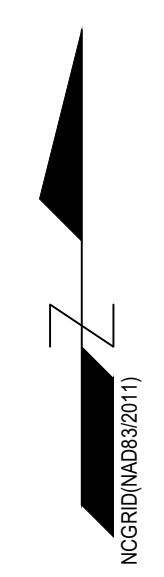
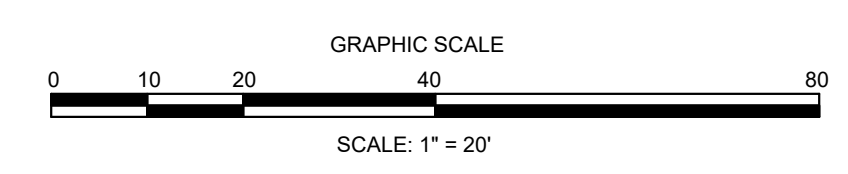
- 1.) SITE CONTRACTOR SHALL STRIP TOPSOIL AND ANY UNSUITABLE MATERIAL AND PROVIDE CUT/FILL OPERATIONS TO PROVIDE A COMPACTED CONTROLLED SUBGRADE, IN ACCORDANCE WITH THE SUBSURFACE GEOTECHNICAL EXPLORATION AND TECHNICAL SPECIFICATIONS.

**BUILDING PAD NOTE:**

- 1.) SITE CONTRACTOR SHALL STRIP TOPSOIL AND ANY UNSUITABLE MATERIAL AND PROVIDE CUT/FILL OPERATIONS TO PROVIDE A COMPACTED CONTROLLED BUILDING PAD, IN ACCORDANCE WITH THE SUBSURFACE GEOTECHNICAL EXPLORATION AND TECHNICAL SPECIFICATIONS.

**NOTATION:**

- EP = PROPOSED EDGE OF PAVEMENT
- EC = EDGE OF CONCRETE
- DI = DRAIN INLET
- PG = PROPOSED GRADE
- CI = CURB INLET
- HP = HIGH POINT ELEVATION
- SW = SIDEWALK ELEVATION
- MH = STORM MANHOLE
- YI = YARD INLET
- RP = RAMP
- PAD = DUMPSTER PAD ELEVATION
- RD = ROOF DRAIN CONNECTION
- BC/TC = TOP OF CURB ELEVATION
- TS = TOP OF WALK (SIDEWALK) ELEVATION
- INV = INVERT
- FES = FLARED END SECTION
- TWL = TOP OF WALL ELEVATION
- BWL = BOTTOM OF WALL ELEVATION
- EG = EXISTING GRADE
- XX = EXISTING ELEVATIONS, TYP.

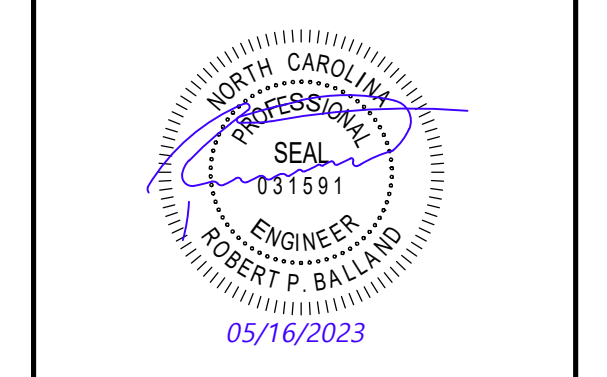


**SAWYER  
 SHERWOOD  
 & ASSOCIATE  
 ARCHITECTURE**  
 124 Market Street  
 Wilmington, NC 28401  
 910 762-0892  
 S2a3.com

**PARAMOUNT**  
 ENGINEERING

**WE**  
 WOODS ENGINEERING  
 Creative Solutions

**CBHF**  
 Engineers, PLLC



NHCS Project No.  
 22-90458

Southeast Area  
 Technical High  
 School  
 SCIF Grant Addition

5301 Sidbury Rd.  
 Castle Hayne, NC 28429

Construction Drawings

Issue Date: May 16, 2023

**GRADING AND  
 DRAINAGE PLAN**

Rev.	Date	Notes

**C3.0-A**

Final Design - Not Issued for Construction