

September 16, 2020

NEW ROTC BUILDING

South Brunswick High School
Southport, North Carolina
BMG Project No. 2019241.00

The following items supplement, change, delete or add to the Construction Documents as though repeated in full therein. All general conditions, special conditions, etc., as originally specified shall apply to these items.

1. BID DATE

The Bid Date and Time has not changed and is Tuesday, September 29, 2020 at 2:00 PM.

2. PRE-BID MEETING

A mandatory Pre-Bid Meeting was held on Monday, September 14, 2020. Meeting minutes including virtual attendees and a sign-in sheet with in-person attendees are attached to the end of this Addendum.

3. REQUESTS FOR INFORMATION

- a. All requests for information (RFI's) shall be submitted to the Architect in writing no later than End of Business, Tuesday, September 22, 2020. Questions received after this time will not be considered. Formal RFI responses will be issued via addenda.

BID RFI 03

- a. A request that Star Buildings be added to the approved vendors for section 133419, Part 2, 2.1. Star is a Cornerstone Building manufacturer (formerly NCI). They meet or exceed all performance and design requirements.

Response: In order to consider, a written request is required in accordance with all requirements in specification section.

BID RFI 04

- a. What is the completion date and what are the liquidated damages for the project?

Response: The substantial completion date shall be 210 calendar days from the Notice to Proceed. Liquidated Damages shall be \$500.00 per day for every calendar day in excess of 210 calendar days until the time of substantial completion.

BID RFI 05

- a. Will there be site visit(s)?

Response: Site visits have been scheduled for Wednesday, September 16, 2020 and Wednesday, September 23, 2020, both at 9:00AM, meeting at the existing ROTC building. Please RSVP your attendance at either meeting with Greg Shuskey via email - cshuskey@bcswan.net or by phone - (910) 253-1070. Masks and social distancing are required.

BID RFI 06

- a. Will there be an area specified for equipment and materials storage?

Response: Yes, the area for equipment and material storage shall be located southeast of the existing ROTC shooting range building and northeast of the existing mobile classrooms. Access to the area shall be from the gravel perimeter road starting on the

ADDENDUM NO. 3

SOUTH BRUNSWICK HIGH SCHOOL - NEW ROTC BUILDING

2019241.00

southeast side of the campus and around the rear of the building. The Contractor is responsible for any damages to the existing road. Access to the laydown area from the perimeter road shall be at the Contractor's expense and the Contractor is required to return the access road and laydown area to its original grassed condition free of ruts and stone.

4. PROJECT MANUAL

- a. Notice to Bidders: **REVISE** Bid Opening location and add COVID-19 requirements.
- b. Section 087100 - Door Hardware: **REVISE** Hardware Group No. 07 as follows:

HARDWARE GROUP NO. 07

Provide each sgl door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	STOREROOM LOCK	L9080J 03A	626	SCH
	EA	CONVENTIONAL CORE	23-030 EV29 T	626	SCH
1	EA	WALL STOP	WS406/407CCV	630	IVE
3	EA	SILENCER	SR64	GRY	IVE
<u>1</u>	<u>EA</u>	<u>SURFACE CLOSER</u>	<u>4111 SCUSH</u>	<u>689</u>	<u>LCN</u>

Note: Not all hardware sets listed in the specification are used.

- c. Section 133419 - Metal Building Systems: **REVISE** Part 2 - Products, 2.1 - Manufacturers, Item 1 as follows:

2.1 MANUFACTURERS

1. Basis-of-Design: Subject to Compliance with requirements, provide products by Varco-Pruden Buildings, or a commercial product by one of the following:
 - a. American Buildings Company
 - b. Butler Manufacturing Company
 - c. Kirby Building Systems
 - d. Metallic Building Company
 - e. **Nucor Building Systems**

5. DRAWINGS

- a. Civil Drawings: **DELETE** and **REPLACE**. Drawings issued previously via Addendum No. 2 stating 'Released for Bidding Only' are to be deleted and replaced with attached drawings stating 'Issued for Construction'.
- b. Sheet A501 - Schedules and Details: **DELETE** and **REPLACE**. Delete Sheet A501 - Schedules and Details, dated 08/27/2020 and replace with attached Sheet A501 - Schedules and Details, dated 09/16/2020. The Door and Frame Schedule has been revised.

6. ATTACHMENTS

- a. Pre-Bid Meeting Minutes, including virtual attendees.
- b. Pre-Bid Meeting Sign-in Sheet.
- c. Project Manual:
 - Notice to Bidders.
- d. Drawings:
 - Civil Drawings stating 'Issued for Construction'.
 - Sheet A501 - Schedules and Details.

End of Addendum No. 3



ARCHITECTURE
ENGINEERING

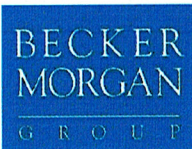
Pre-Bid Meeting Minutes

Project:	South Brunswick High School New ROTC Building
Project Location:	Southport, NC
BMG Project No:	2019241.00
Pre-Bid Meeting:	Monday, September 14, 2020 at 10:00 AM Media Center of South Brunswick High School 280 Cougar Drive, Southport, NC 28461

1. General:
 - a. Introduction
 - b. Project Summary
2. Notice to Bidders:
 - a. Bid Opening: Tuesday, September 29, 2020 at 2:00 PM. Change in location.
 - b. RFI Deadline: Tuesday, September 22, 2020, by End of Business
 - c. Required Forms
 - i. Form of Bid Proposal
 - ii. Minority Business Enterprise (MBE) Forms - 10% goal
 - iii. E-Verify Affidavit
 - iv. Bid Bond / Cash Deposit / Certified Check - in the amount of 5% of the base bid.
3. General Conditions of the Contract for Construction
4. Supplemental Conditions
5. Bid Form
 - a. Lump Sum
 - b. Unit Prices
 - c. Alternates
6. Questions - Construction Duration, Liquidated Damages, Site Visit, Laydown Areas
7. Site Tour was conducted at the completion of the Pre-Bid Meeting.
8. Additional Comments by Greg Shuskey, Brunswick County Schools Project Manager
 - a. A logistics and construction schedule will be required from the successful bidder. The logistics plan shall address traffic patterns, delivery, schedule, parking, site access, etc.

- b. General Contractor and Subcontractors are required to wear ID badges. South Brunswick High School is a tobacco free campus - strictly enforced. There is no contact, speaking or interaction between construction personnel and students or school staff. No firearms, and no profanity. Violation results in permanent removal from the project site.
 - c. Construction site safety and timely detailed correspondence are high priorities for Brunswick County Schools.
9. Substitutions - Refer to Section 012500 of the specifications for detailed requirements to request a substitution of a product or manufacturer. All requests for substitution information shall be forwarded to the Architect as soon as possible, but no later than September 22, 2020, by End of Business.
10. Virtual Attendees:
- Gail Miller of Port City Builders; Wilmington, NC; (910) 791-8272
 - Scot Thompson of TEAM Construction; Fayetteville, NC; (910) 320-8528
 - Damon Jones of Muter Construction; Zebulon, NC; (919) 404-8330
 - Jason Kepley of HM Kern Corporation; Greensboro, NC; (336) 668-3213
 - Bishop Williams of Waters Contracting Company; Newport, NC; (252) 764-2105

End of Pre-Bid Meeting Minutes



ARCHITECTURE
ENGINEERING

Pre-Bid Meeting Attendance

Project Name: South Brunswick High School - New ROTC Building
Project No: 2019241.00

Date & Time: Monday, September 14, 2020 at 10:00 AM
Location: Media Center at South Brunswick High School
279 Cougar Drive, Southport, NC 28461

Name	Company Representing	Phone No.	Email Address
Anthony Jolly	Group III	252-527-3333	AJolly@GroupIII.MGT.COM
John Sengle	Stonehenge Bld.	1-910-471-2268	www.stonehengebuilding.com
Bob Morgan	PARAGON	910-397-0933	BMORGAN@PARAGONWILMINGTON.COM
DAKOTA WILKERSON	WM Jordan	910-524-2750	dwillkerson@wmjordan.com
JC SILVESTER	HVAC SP	910-599-6440	JC@HVACSP.COM
CHIP HODGES	SBHS	910-845-2207	chodges@bswan.net
Dan Corbett	SBHS	910-845-2649	dcorbett@bswan.net
GREG SHUSKEY	BLS	910-274-1127	CShuskey@bswan.net
Anthony Johnson	Timeless Properties Inc	910-550-6359	Tony@Timelesspropertiescc.com

Addendum No. 3

NOTICE TO BIDDERS

Sealed proposals will be received by Brunswick County Schools, Craig Eckert, Director of Capital Projects & Planning, in the **Facilities Building Conference Room, at 118 Sessions Drive, Bolivia, NC 28422**, up to **2:00 PM** on **September 29, 2020** and immediately thereafter publicly opened and read for the furnishing of labor, material and equipment entering into the construction of:

South Brunswick High School
New ROTC Building

Note: Entry will be per Brunswick County School's requirements. Masks and social distancing required. Temperature's will be taken and a sign-in sheet attesting to your knowledge you have not been exposed to COVID-19.

The project consists of a 3,000 SF pre-engineered metal building with doors, door hardware, interior partitions, plumbing fixtures, mechanical, electrical, and plumbing systems, site and utilities work, and pre-engineered metal canopies.

Bids will be received for Single Prime. All proposals shall be lump sum.

Pre-Bid Meeting

A **mandatory** Pre-Bid Meeting will be held for bidders and subcontractors on Monday, September 14, 2020, at 10:00 AM, in the Library / Media Center at South Brunswick High School, 280 Cougar Drive, Southport, North Carolina, 28461, or you may attend via Microsoft Teams Meeting. The meeting will address project scope, issues, specific questions, bidding procedures, and bid forms. Prime bidders are required to attend.

- A map showing directions to the Media Center Please for the Pre-Bid Meeting is attached.
- Mandatory Pre-Bid Meeting via Microsoft Teams Meeting: Please contact Kim Wilson, kwilson@beckermorgan.com, to receive the link to the virtual Pre-Bid Meeting, by End of Business on Friday, September 11, 2020.
- Entry to the school will be per Brunswick County School's requirements. Masks and social distancing required. Temperature's will be taken and a sign-in sheet attesting to your knowledge you have not been exposed to COVID-19.

The meeting is also to identify preferred brand alternates and their performance standards that the Owner will consider for approval on this project.

In accordance with General Statute GS 133-3, Specifications may list one or more preferred brands as an alternate to the base bid in limited circumstances. Specifications containing a preferred brand alternate under this section must identify the performance standards that support the preference. Performance standards for the preference must be approved in advance by the owner in an open meeting. Any alternate approved by the owner shall be approved only where (i) the preferred alternate will provide cost savings,

maintain or improve the functioning of any process or system affected by the preferred item or items, or both, and (ii) a justification identifying these criteria is made available in writing to the public.

In accordance with GS133-3 and SCO procedures the following preferred brand items are being considered as Alternates by the Owner for this project:

1. Door Hardware:
 - Alternate No. 1A: Mechanically Operated Exit Devices by Von Duprin 98 series.
 - Alternate No. 1B: Door Closers by LCN 4010/4110
 - Alternate No. 1C: Mortise Locks and Cylinders by Schlage L9000 x 03A

Justification of any approvals will be made available to the public in writing no later than seven (7) days prior to bid date.

Complete plans and specifications (digital) for this project can be obtained, at no cost, by contacting Becker Morgan Group, Inc. via e-mail: kwilson@beckermorgan.com.

Documents are also available for review in the Hispanic Contractors Association of Carolinas in Raleigh, North Carolina and East Coast Digital, 703 SE Greenville Blvd., Greenville, NC 27858 and may be obtained electronically.

Requests for Information (RFI) will be considered by the design team if submitted in writing via e-mail to the Architect's Project Manager; Rick Collins, AIA: rcollins@beckermorgan.com (please do not call with questions) All RFI's must be received by End of Business on Tuesday, September 22, 2020. Any questions received after the RFI deadline will not be considered. Responses to Bidder RFI's will be formally issued in the form of an addendum.

NOTE: The bidder shall include with the bid proposal the form *Identification of Minority Business Participation* identifying the minority business participation it will use on the project and shall include either *Affidavit A* or *Affidavit B* as applicable. Forms and instructions are included within the Proposal Form in the bid documents. Failure to complete these forms is grounds for rejection of the bid. (GS143-128.2c Effective 1/1/2002.) The goal for minority business participation is 10%.

All contractors are hereby notified that they must have proper license as required under the state laws governing their respective trades. Reference the Laws and Regulations of the North Carolina Licensing Board for General Contractors available at <https://nclbgc.org/>.

General contractors are notified that Chapter 87, Article 1, General Statutes of North Carolina, will be observed in receiving and awarding general contracts. General contractors submitting bids on this project must have license classification for General Contractor.

NOTE - SINGLE PRIME CONTRACTS: Under GS 87-1, a contractor that superintends or manages construction of any building, highway, public utility, grading, structure or improvement shall be deemed a "general contractor" and shall be so licensed. Therefore, a single prime project that involves other trades will require the single prime contractor to hold a proper General Contractors license. **EXCEPT:** On public buildings being bid single prime, where the total value of the general construction does not exceed 25% of the total construction value, contractors under GS87- Arts 2 and 4 (Plumbing, Mechanical & Electrical) may bid and contract directly with the Owner as the SINGLE PRIME CONTRACTOR and may

subcontract to other properly licensed trades. [GS87-1.1- Rules .0210](#)

NOTE: The bidder shall also include with the bid proposal the completed *E-Verify Affidavit*. Pursuant to Session Law 2013-418, bidder shall fully comply with the U.S. Department of Homeland Security employee legal status *E-Verify* requirements.

Each proposal shall be accompanied by a cash deposit or a certified check drawn on some bank or trust company, insured by the Federal Deposit Insurance Corporation, of an amount equal to not less than five percent (5%) of the proposal, or in lieu thereof a bidder may offer a bid bond of five percent (5%) of the bid executed by a surety company licensed under the laws of North Carolina to execute the contract in accordance with the bid bond. Said deposit shall be retained by the owner as liquidated damages in event of failure of the successful bidder to execute the contract within ten days after the award or to give satisfactory surety as required by law.

A performance bond and a payment bond will be required for one hundred percent (100%) of the contract price.

Payment will be made based on ninety-five percent (95%) of monthly estimates and final payment made upon completion and acceptance of work.

No bid may be withdrawn after the scheduled closing time for the receipt of bids for a period of 30 days. The Owner reserves the right to reject any or all bids and to waive informalities.

Designer:

Becker Morgan Group, Inc

Wilmington, North Carolina

910.341.7600

Owner:

Brunswick County Schools

Bolivia, North Carolina

SOUTH BRUNSWICK HIGH SCHOOL ROTC ADDITION

280 COUGAR ROAD
SOUTHPORT, NC 28461

BID DOCUMENTS

NOTICE REQUIRED

ALL EXISTING UNDERGROUND UTILITIES SHALL BE PHYSICALLY LOCATED PRIOR TO THE BEGINNING OF ANY CONSTRUCTION IN THE VICINITY OF SAID UTILITIES.

CONTRACTORS SHALL NOTIFY OPERATORS WHO MAINTAIN UNDERGROUND UTILITY LINES IN THE AREA OF PROPOSED EXCAVATION AT LEAST TWO WORKING DAYS, BUT NOT MORE THAN TEN WORKING DAYS PRIOR TO COMMENCEMENT OF EXCAVATION OR DEMOLITION.

CONTRACTORS SHALL CONTACT OVERHEAD ELECTRIC PROVIDER TO COMPLY WITH FEDERAL OSHA 1910.333 MINIMUM APPROACH DISTANCE TO ENERGIZED POWERLINES AND OSH 29 CFR 1926.1407-1411 MUST BE FOLLOWED.

CONTRACTOR SHALL CONTACT AT&T PRIOR TO ANY DEMOLITION TO ALLOW FOR AT&T TO DISCONNECT COMMUNICATIONS CABLES COMING INTO THE SITE.

UTILITY CONTACT INFORMATION

CITY OF BOILING SPRING LAKES PLANNING & INSPECTIONS DEPARTMENT
ATTN: NICOLE MORGAN, PLANNING & ZONING ADMINISTRATOR
PH: 910-363-0132

PIEDMONT NATURAL GAS
ATTN: CATHY PLEASANT
PH: 910-251-2827

EMERGENCY DIAL 911
POLICE - FIRE - RESCUE
CITY OF BOILING SPRING LAKES POLICE DEPARTMENT
PH: 910-363-0011 (NON-EMERGENCY)

BRUNSWICK COUNTY ENGINEERING
ATTN: BRIGIT FLORA (STORMWATER)
PH: 910-253-2405

BRUNSWICK COUNTY UTILITIES (WATER & SEWER)
ATTN: WILLIAM PINNIX AND/OR AMY AYCOCK
PH: 910-253-2408 AND/OR 910-253-2407

DUKE ENERGY
DISTRIBUTION CONSTRUCTION SERVICE
ALLISON WALSH
PH: 910-350-3457

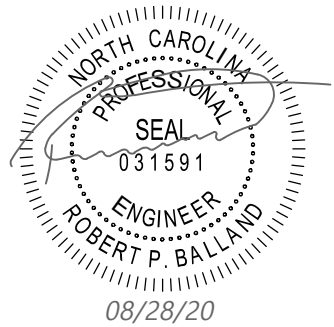
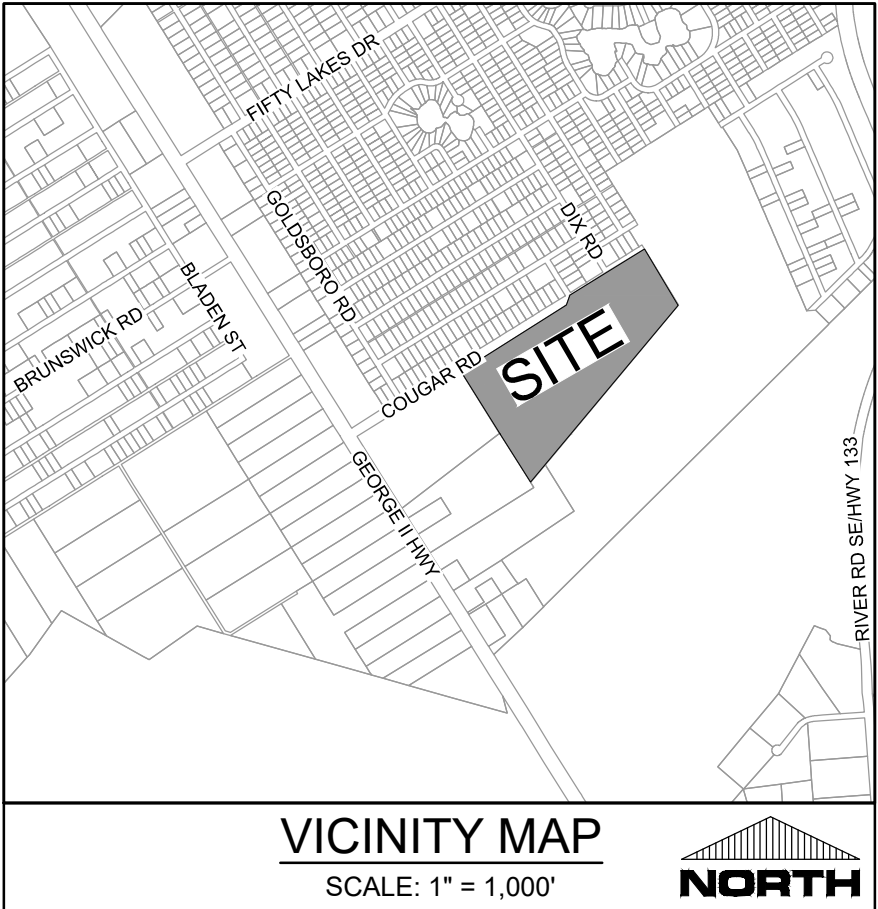
TRANSMISSION AGENT
BILL WILDER
PH: 910-772-4903

AT&T/BELL SOUTH
ATTN: STEVE DAYVAULT (BUILDING ENGINEERING)
PH: 910-341-0741

ATTN: JAMES BATSON, ENGINEERING
PH: 910-341-1621

SPECTRUM
ATTN: STEVE BARNETTE
PH: 910-772-5755

AUGUST 2020



OWNER/DEVELOPER:
BRUNSWICK COUNTY SCHOOLS
35 REFERENDUM DRIVE NE
BOLIVIA, NC 28422

ENGINEER (CIVIL) & LANDSCAPE ARCHITECT:
PARAMOUNTE ENGINEERING, INC.
122 CINEMA DRIVE
WILMINGTON, NORTH CAROLINA 28403
ATTN: ROB BALLAND, P.E. (910) 791-6707 - ENGINEER
ATTN: ALLISON ENGEBRETSON, RLA (910) 791-6707 - LANDSCAPE

SURVEYING:
PARAMOUNTE ENGINEERING, INC.
122 CINEMA DRIVE
WILMINGTON, NORTH CAROLINA 28403
ATTN: CHRIS GAGNE, P.L.S. (910) 791-6707

SHEET INDEX	
SHEET NUMBER	SHEET TITLE
C-0.0	COVER SHEET
C-1.0 & C-1.1	GENERAL NOTES
C-2.0	EX. CONDITIONS & DEMOLITION PLAN
C-2.1 & C-2.2	SITE PLANS
C-3.0	GRADING-DRAINAGE-EC PLAN
C-4.0	UTILITY PLAN
C-5.0 & C-5.1	DETAILS

PREPARED BY:

PARAMOUNTE
ENGINEERING, INC.

122 Cinema Drive
Wilmington, North Carolina 28403
(910) 791-6707 (O) (910) 791-6760 (F)
NC License #: C-2846
PROJECT # 19436.PE

ISSUED FOR CONSTRUCTION

GROUND STABILIZATION AND MATERIALS HANDLING PRACTICES FOR COMPLIANCE WITH THE NCG01 CONSTRUCTION GENERAL PERMIT

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

SECTION E: GROUND STABILIZATION

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

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

GROUND STABILIZATION SPECIFICATION

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

Temporary Stabilization	Permanent Stabilization
<ul style="list-style-type: none">Temporary grass seed covered with straw or other mulches and tackifiersHydroseedingRolled erosion control products with or without temporary grass seedAppropriately applied straw or other mulchPlastic sheeting	<ul style="list-style-type: none">Permanent grass seed covered with straw or other mulches and tackifiersGeotextile fabrics such as permanent soil reinforcement mattingHydroseedingShrubs or other permanent plantings covered with mulchUniform and evenly distributed ground cover sufficient to restrain erosionStructural methods such as concrete, asphalt or retaining wallsRolled erosion control products with grass seed

POLYACRYLAMIDES (PAMS) AND FLOCCULANTS

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

EQUIPMENT AND VEHICLE MAINTENANCE

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

LITTER, BUILDING MATERIAL AND LAND CLEARING WASTE

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

PAINT AND OTHER LIQUID WASTE

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

PORTABLE TOILETS

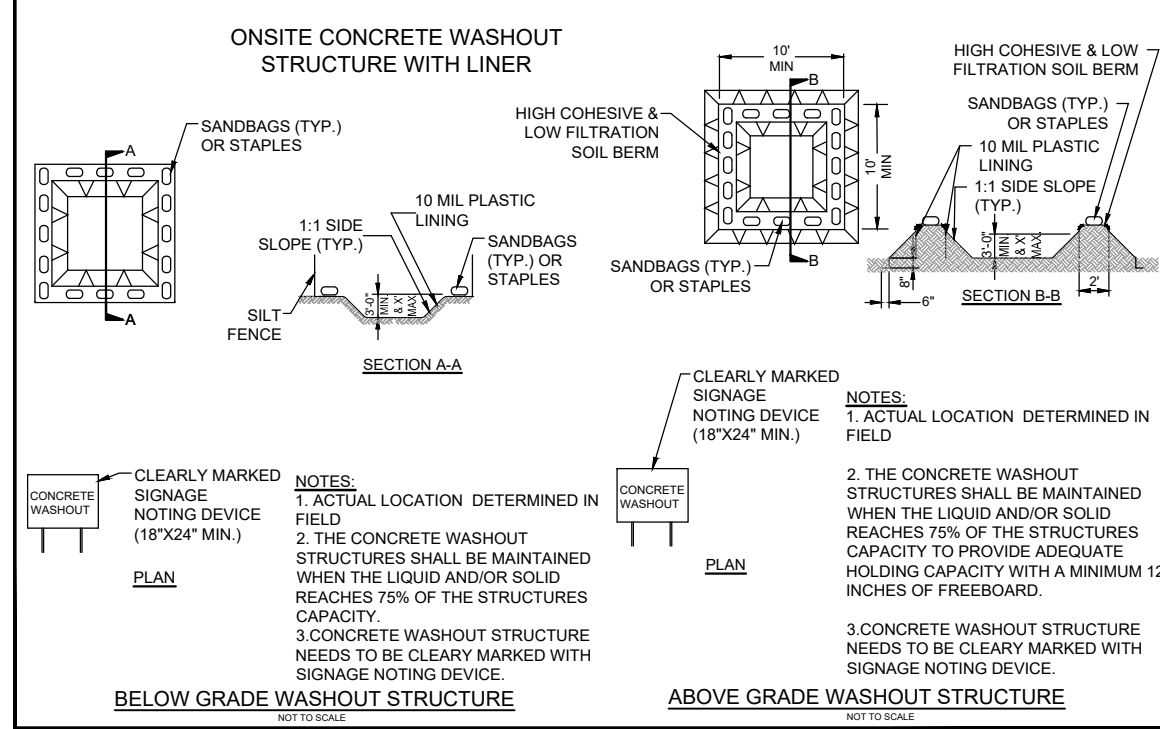
- Install portable toilets on level ground, at least 50 feet away from storm drains, streams or wetlands unless there is no alternative reasonably available. At a minimum, offset is not attainable, provide relocation of portable toilet behind silt fence or place on a gravel pad and surround with sand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

EARTHEN STOCKPILE MANAGEMENT

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

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.



CONCRETE WASHOUTS

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

HERBICIDES, PESTICIDES AND RODENTICIDES

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

NCG01 GROUND STABILIZATION AND MATERIALS HANDLING

EFFECTIVE: 04/01/19

PART III
SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION A: SELF-INSPECTION

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

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

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

PART III
SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION B: RECORDKEEPING

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

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

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

- Additional Documentation**
In addition to the E&SC Plan documents above, the following items shall be kept on the site and available for agency inspectors at all times during normal business hours, unless the Division provides a site-specific exemption based on unique site conditions that make this requirement not practical:
 - This general permit as well as the certificate of coverage, after it is received.
 - Records of inspections made during the previous 30 days. The permittee shall record the required observations on the Inspection Record Form provided by the Division or a similar inspection form that includes all the required elements. Use of electronically-available records in lieu of the required paper copies will be allowed if shown to provide equal access and utility as the hard-copy records.
 - All data used to complete the Notice of Intent and older inspection records shall be maintained for a period of three years after project completion and made available upon request. [40 CFR 122.41]

PART III
SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION C: REPORTING

1. Occurrences that must be reported

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

2. Reporting Timeframes and Other Requirements

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

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

NCG01 SELF-INSPECTION, RECORDKEEPING AND REPORTING

EFFECTIVE: 04/01/19

REVISIONS:

CLIENT INFORMATION:

PARAMOUNT ENGINEERING
122 Cinema Drive
Wilmington, North Carolina 28403
(910) 791-6707 (O) (910) 791-6760 (F)
NC License #: C-2846

GENERAL NOTES

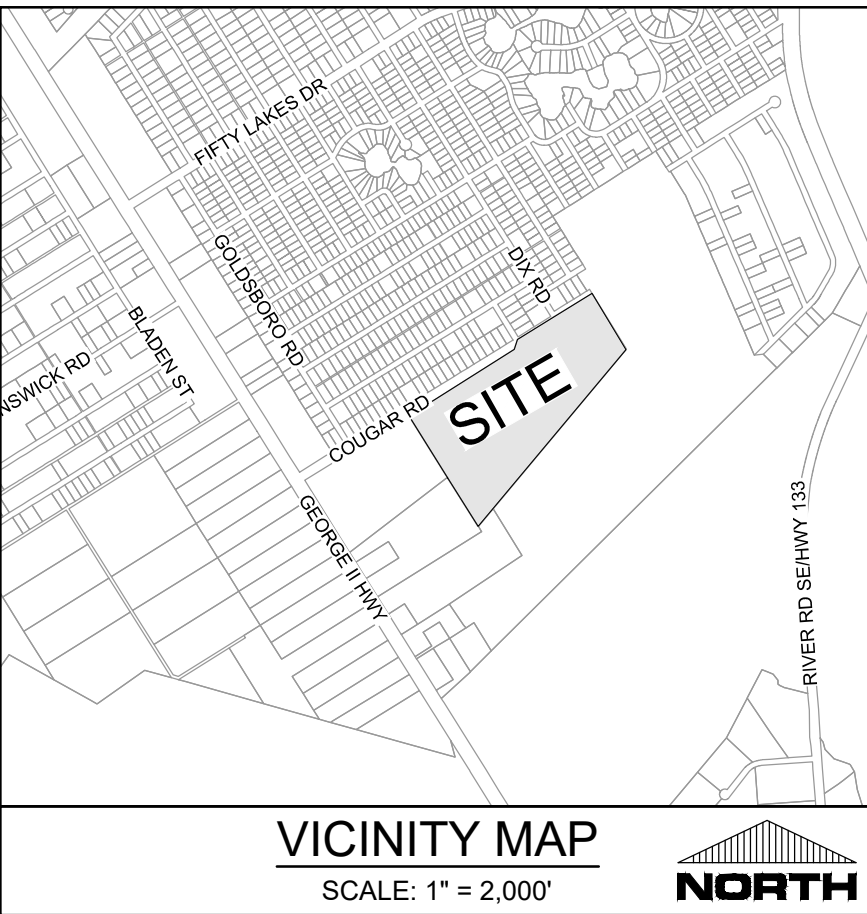
SOUTH BRUNSWICK HIGH SCHOOL ROTC
280 COUGAR ROAD, SOUTHPORT
BRUNSWICK COUNTY, NC 28461

PROJECT STATUS

CONCEPTUAL LAYOUT:
FINAL DESIGN LAYOUT:
RELEASED FOR CONSTRUCTION:
DRAWING INFORMATION
DATE: 08/28/20
SCALE: N.T.S.
DRAWING: C-1.1
CHECKED: RPE

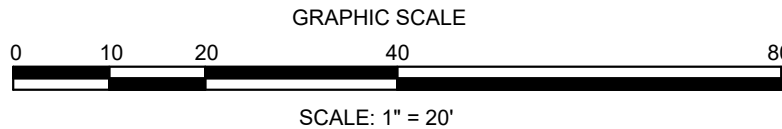
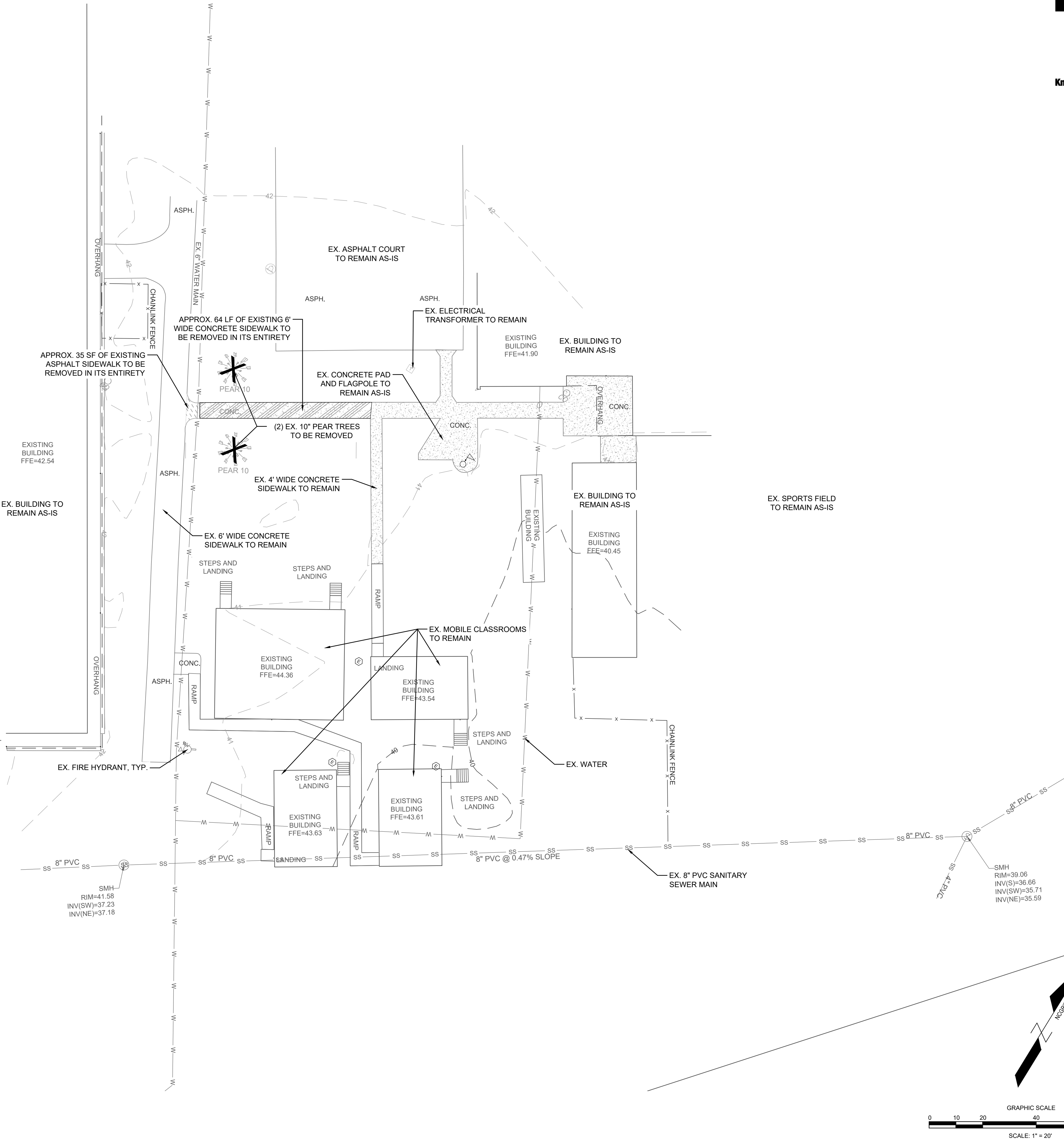
C-1.1

PEI JOB#: 19436.PE



- DEMOLITION NOTES:**
- CONTRACTOR SHALL REFER TO SHEET C-1.0 GENERAL NOTES FOR DEMOLITION NOTES.
 - ALL UTILITIES SHALL BE ABANDONED AND/OR DEMOLISHED AND CAPPED PROPERLY IN ACCORDANCE WITH THE UTILITY OWNERS RULES AND REGULATIONS.
 - CONTRACTOR SHALL COORDINATE WITH SEPARATE UTILITY OWNER/PROVIDER FOR DEMOLITION.
 - PRIOR TO ANY CLEARING, GRADING, OR CONSTRUCTION ACTIVITY, TREE PROTECTION FENCING WILL BE INSTALLED AROUND PROTECTED TREES OR GROVES OF TREES. NO CONSTRUCTION WORKERS, TOOLS, MATERIALS, OR VEHICLES ARE PERMITTED WITHIN THE TREE PROTECTION FENCING.
- EX. VEGETATION NOTES:**
- CONTRACTOR SHALL REMOVE ANY SHRUBS AS NECESSARY WITHIN THE CONSTRUCTION AREA AS LONG AS THE SAME QUANTITY AND SPECIES ARE REPLACED WHEN CONSTRUCTION IS COMPLETE.

SYMBOLS LEGEND	
	EXISTING CONCRETE TO BE REMOVED
	EXISTING ASPHALT TO BE REMOVED
	EXISTING UTILITY LINE TO BE REMOVED
	EXISTING STORM STRUCTURE TO BE REMOVED
	EXISTING SIGN/LIGHT/UTILITY POLE TO BE REMOVED
	EXISTING FENCE TO BE REMOVED
	TREE PROTECTION FENCING
	EXISTING TREE/SHRUBS TO BE REMOVED
	EXISTING BUILDING/STRUCTURE TO BE REMOVED



REVISIONS:

CLIENT INFORMATION:

BECKER MORGAN GROUP
3333 JAECKLE DRIVE, SUITE 120
WILMINGTON, NC 28403

PARAMOUNT ENGINEERING

122 Cinema Drive
Wilmington, North Carolina 28403
(910) 791-6707 (O) (910) 791-6760 (F)
NC License #: C-2846

EX. CONDITIONS & DEMOLITION PLAN

SOUTH BRUNSWICK HIGH SCHOOL ROTC
280 COUGAR ROAD, SOUTHPORT
BRUNSWICK COUNTY, NC 28461

PROJECT STATUS

DESIGN: PRELIMINARY
FINAL DESIGN: PRELIMINARY
RELEASED FOR CONSTRUCTION: PRELIMINARY

DRAWING INFORMATION

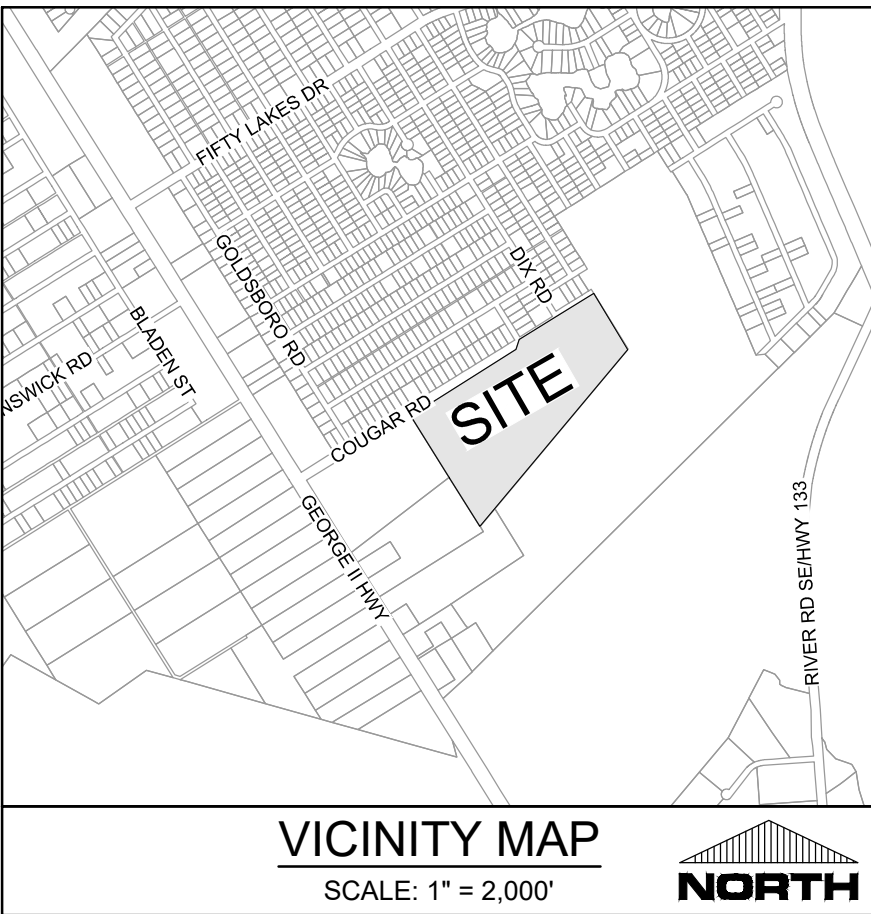
DATE: 08/28/20
SCALE: 1\"/>

SEAL

ROBERT P. BALLARD
ENGINEER
031591
08/28/20

C-2.0

PEI JOB#: 19436 PE



SITE INFORMATION
OWNER INFORMATION:
BRUNSWICK COUNTY SCHOOLS
35 REFERENDUM DRIVE NE
BOLIVIA, NC 28422
PROJECT NAME:
PROJECT ADDRESS:
S. BRUNSWICK HIGH SCHOOL ROTC
280 COUGAR ROAD
SOUTHPORT, NC 28461
PARCEL ID:
RECORDED DEED BOOK:
C-1 COMMERCIAL MIXED USE DISTRICT
CURRENT ZONING:
HIGH SCHOOL
EXISTING USE:
HIGH SCHOOL
PROPOSED USE:
TOTAL SITE AREA:
53.57 AC (2,333,509 SF)
FLOOD INFORMATION:
THIS PARCEL LIES WITHIN AN AREA OF MINIMAL FLOOD HAZARD (ZONE X) AS INDICATED BY FEMA FLOOD ZONE MAP NUMBER 3720208900J & 3720209900K BEARING AN EFFECTIVE DATE OF 08/28/2018.
SPECIAL HIGHWAY DISTRICT:
N/A

PARKING INFORMATION
NO CHANGES TO EXISTING PARKING ARE PROPOSED.

IMPERVIOUS INFORMATION
EXISTING IMPERVIOUS
EX. IMPERVIOUS (SITE) 321,804 SF (7.39 AC)
EX. IMPERVIOUS TO BE REMOVED 420 SF (0.01 AC)
EX. IMPERVIOUS TO REMAIN 321,384 SF (7.38 AC)

PROPOSED IMPERVIOUS WITH THIS PROJECT
ON-SITE ASPHALT 0 SF
SIDEWALKS 820 SF
BUILDINGS 3,000 SF
TOTAL PROPOSED* 3,820* SF (0.09 AC)

NET IMPERVIOUS = 3,820 SF - 420 SF = 3,400 SF
TOTAL IMPERVIOUS ALLOWED (ENTIRE SITE) = 472,510 SF (10.85 AC)
*LEAVES 50,156 SF OF FUTURE BUA ALLOCATION IN NCDEQ SW PERMIT SW8 881203

NOTES
THERE IS A TOTAL OF 472,510 SF OF BUA PERMITTED IN THE EX. NCDEQ SW PERMIT. THIS PROJECT'S PROPOSED IMPERVIOUS WILL BE UTILIZING A PORTION OF THE 53,556 SF OF FUTURE BUA ALLOCATION WITHIN THE EX. SW PERMIT. THE EX. PERMIT EXCLUDES 383,458 SF OF EX. PRE-1988 BUILT-UPON AREA (BUA) IN ACCORDANCE WITH 15A NCAC 02H.1003(1)(b).

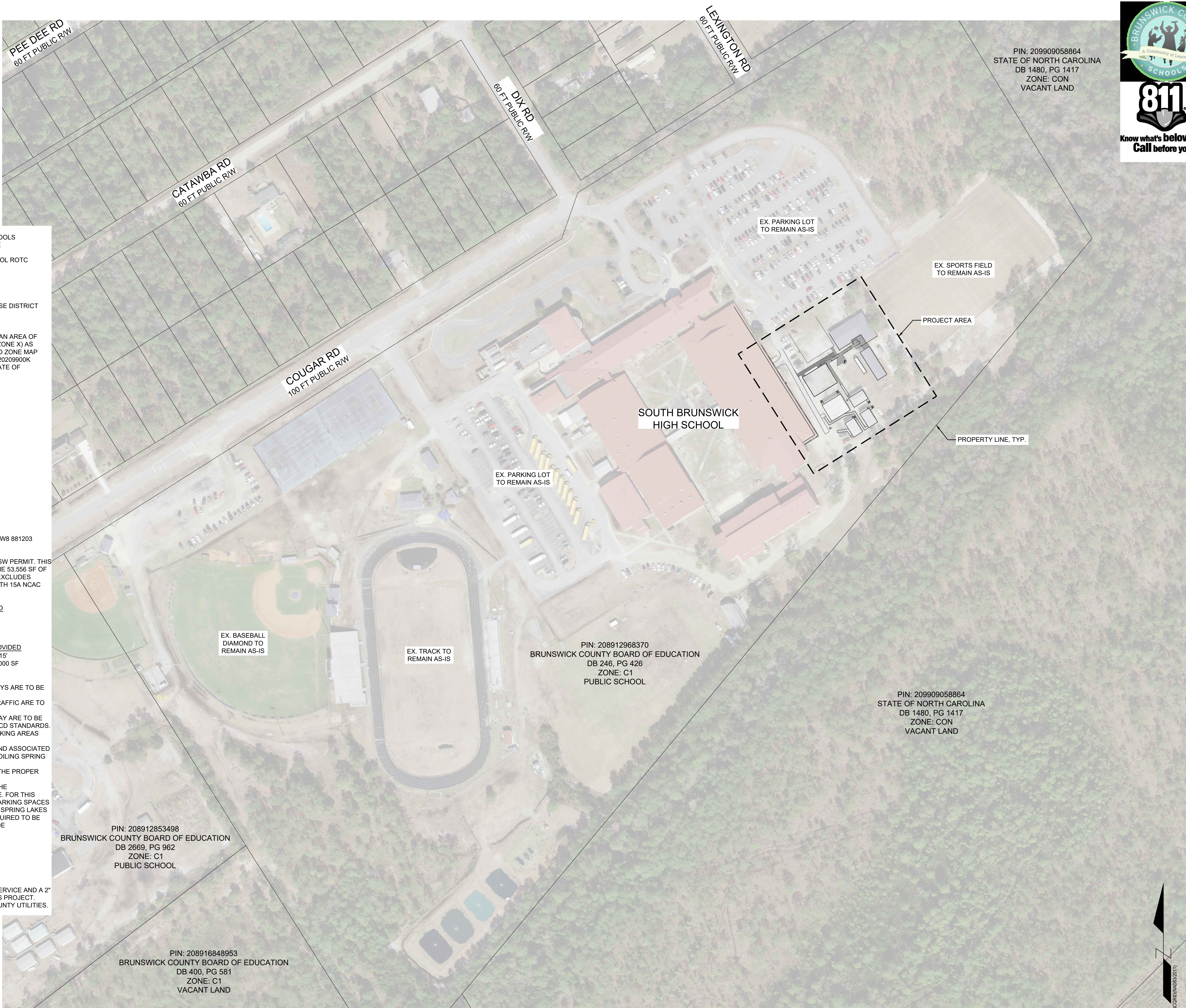
BUILDING SETBACKS	REQUIRED	PROVIDED
FRONT	50'	613'
SIDE	10'	637'
REAR	10'	245'

PROPOSED BUILDING INFORMATION	REQUIRED	PROVIDED
BUILDING HEIGHT	48' (MAX.)	15'
GROSS FLOOR AREA (MIN.)	1,000 SF	3,000 SF

- GENERAL NOTES**
- ALL PAVEMENT MARKINGS IN PUBLIC RIGHTS-OF-WAY AND DRIVEWAYS ARE TO BE THERMOPLASTIC AND MEET CITY AND/OR NCDOT STANDARDS.
 - ALL SIGNS AND PAVEMENT MARKINGS IN AREAS OPEN TO PUBLIC TRAFFIC ARE TO MEET MUTCD STANDARDS.
 - ALL TRAFFIC CONTROL SIGNS AND MARKINGS OFF THE RIGHT-OF-WAY ARE TO BE MAINTAINED BY THE PROPERTY OWNER IN ACCORDANCE WITH MUTCD STANDARDS.
 - ALL PARKING STALL MARKINGS AND LANE ARROWS WITHIN THE PARKING AREAS SHALL BE WHITE.
 - ALL NEW LANDSCAPING FOR THIS PROPOSED BUILDING ADDITION AND ASSOCIATED IMPROVEMENTS SHALL COMPLY WITH SECTION 7, PART IV OF THE BOILING SPRING LAKES UDO.
 - ANY DEVIATION IN THESE PLANS SHALL REQUIRE APPROVAL FROM THE PROPER APPROVING BODY.
 - ALL HANDICAP PARKING SPACES SHALL BE IN ACCORDANCE WITH THE REGULATIONS SET FORTH BY THE NORTH CAROLINA BUILDING CODE. FOR THIS PROJECT, THERE ARE NO PROPOSED CHANGES TO THE EXISTING PARKING SPACES AND NO NEW PARKING SPACES PROPOSED. IF THE CITY OF BOILING SPRING LAKES BUILDING INSPECTOR DETERMINES ANY EXISTING SPACES ARE REQUIRED TO BE RE-STRIPED, IT WILL BE ADDRESSED AS PART OF THE BUILDING CODE REQUIREMENTS.

GARBAGE REMOVAL
NO PROPOSED CHANGES TO EXISTING GARBAGE REMOVAL SERVICES.
EXISTING SERVICES TO REMAIN AS-IS.

UTILITY INFORMATION
THE PROPOSED BUILDING ADDITION WILL HAVE A 4" SANITARY SEWER SERVICE AND A 2" DOMESTIC WATER SERVICE. NO UTILITY MAINS ARE PROPOSED FOR THIS PROJECT. WATER AND SANITARY SEWER SERVICES PROVIDED BY BRUNSWICK COUNTY UTILITIES. REFER TO C-4.0 UTILITY PLAN FOR FURTHER INFORMATION.



PIN: 209909058864
STATE OF NORTH CAROLINA
DB 1480, PG 1417
ZONE: CON
VACANT LAND

EX. SPORTS FIELD
TO REMAIN AS-IS

PROJECT AREA

PROPERTY LINE, TYP.

SOUTH BRUNSWICK
HIGH SCHOOL

EX. PARKING LOT
TO REMAIN AS-IS

COUGAR RD
100 FT PUBLIC R/W

EX. TRACK TO
REMAIN AS-IS

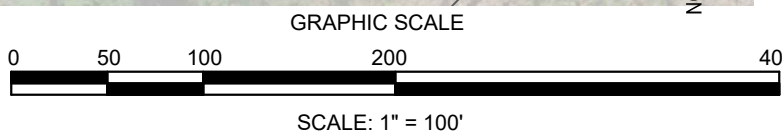
EX. BASEBALL
DIAMOND TO
REMAIN AS-IS

PIN: 208912968370
BRUNSWICK COUNTY BOARD OF EDUCATION
DB 246, PG 426
ZONE: C1
PUBLIC SCHOOL

PIN: 209909058864
STATE OF NORTH CAROLINA
DB 1480, PG 1417
ZONE: CON
VACANT LAND

PIN: 208912853498
BRUNSWICK COUNTY BOARD OF EDUCATION
DB 2669, PG 962
ZONE: C1
PUBLIC SCHOOL

PIN: 208916848953
BRUNSWICK COUNTY BOARD OF EDUCATION
DB 400, PG 581
ZONE: C1
VACANT LAND



ISSUED FOR CONSTRUCTION

REVISIONS:

CLIENT INFORMATION:

OVERALL SITE PLAN

PROJECT STATUS
CONCEPTUAL LAYOUT:
FINAL DESIGN:
RELEASED FOR CONSTRUCTION:
DRAWING INFORMATION
DATE: 08/28/20
SCALE: 1" = 100'
DRAWN BY: RPE
CHECKED: RPE

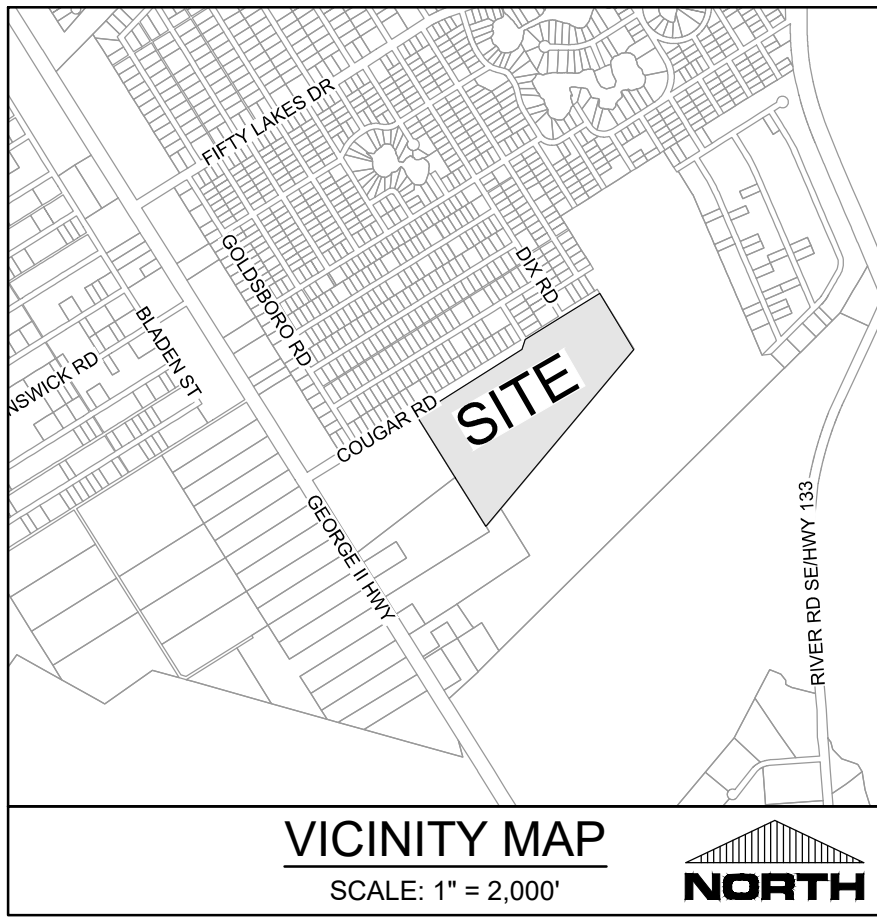
SEAL
NORTH CAROLINA
PROFESSIONAL
SEAL
031591
ENGINEER
ROBERT P. BALLARD
08/28/20

C-2.1
PEI JOB#: 19436.PE

BECKER MORGAN GROUP
3333 JAECKLE DRIVE, SUITE 120
WILMINGTON, NC 28403

PARAMOUNT ENGINEERING
122 Cinema Drive
Wilmington, North Carolina 28403
(910) 791-6707 (O) (910) 791-6760 (F)
NC License #: C-2846

SOUTH BRUNSWICK HIGH SCHOOL ROTC
280 COUGAR ROAD, SOUTHPORT
BRUNSWICK COUNTY, NC 28461



SITE INFORMATION
OWNER INFORMATION: BRUNSWICK COUNTY SCHOOLS
35 REFERENDUM DRIVE NE
BOLIVIA, NC 28422
S. BRUNSWICK HIGH SCHOOL ROTC
280 COUGAR ROAD
SOUTHPORT, NC 28461
17300009
208912968370
BOOK 246, PAGE 426
C-1 COMMERCIAL MIXED USE DISTRICT
HIGH SCHOOL
HIGH SCHOOL
53.57 AC (2,333,509 SF)
THIS PARCEL LIES WITHIN AN AREA OF
MINIMAL FLOOD HAZARD (ZONE X) AS
INDICATED BY FEMA FLOOD ZONE MAP
NUMBER 3720208900J & 3720209900K
BEARING AN EFFECTIVE DATE OF
08/28/2018.
N/A

PROJECT NAME:
PROJECT ADDRESS:
PARCEL ID:
PARCEL PIN:
RECORDED DEED BOOK:
CURRENT ZONING:
EXISTING USE:
PROPOSED USE:
TOTAL SITE AREA:
FLOOD INFORMATION:
SPECIAL HIGHWAY DISTRICT:

PARKING INFORMATION
NO CHANGES TO EXISTING PARKING ARE PROPOSED.

IMPERVIOUS INFORMATION
EXISTING IMPERVIOUS
EX. IMPERVIOUS (SITE)
EX. IMPERVIOUS TO BE REMOVED
EX. IMPERVIOUS TO REMAIN

PROPOSED IMPERVIOUS WITH THIS PROJECT
ON-SITE ASPHALT
SIDEWALKS
BUILDINGS
TOTAL PROPOSED*

NET IMPERVIOUS = 3,820 SF - 420 SF = 3,400 SF

TOTAL IMPERVIOUS ALLOWED (ENTIRE SITE) = 472,510 SF (10.85 AC)
*LEAVES 50,156 SF OF FUTURE BUA ALLOCATION IN NCDEQ SW PERMIT SW8 881203

NOTES
THERE IS A TOTAL OF 472,510 SF OF BUA PERMITTED IN THE EX. NCDEQ SW PERMIT. THIS
PROJECT'S PROPOSED IMPERVIOUS WILL BE UTILIZING A PORTION OF THE 53,556 SF OF
FUTURE BUA ALLOCATION WITHIN THE EX. SW PERMIT. THE EX. PERMIT EXCLUDES
383,458 SF OF EX. PRE-1988 BUILT-UPON AREA (BUA) IN ACCORDANCE WITH 15A NCAC
02H.1003(1)(b).

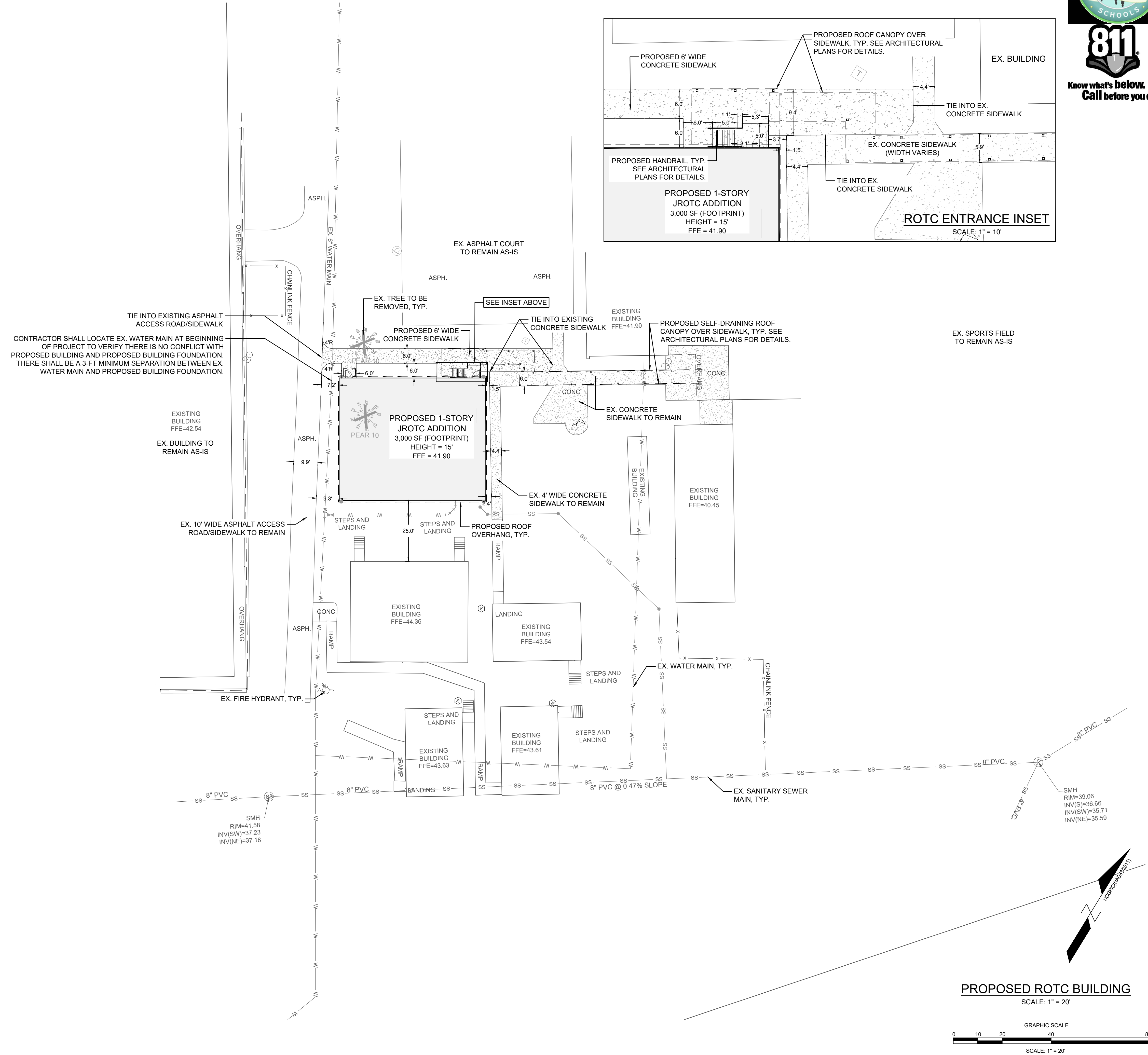
BUILDING SETBACKS	REQUIRED	PROVIDED
FRONT	50'	613'
SIDE	10'	637'
REAR	10'	245'

PROPOSED BUILDING INFORMATION	REQUIRED	PROVIDED
BUILDING HEIGHT	48' (MAX.)	15'
GROSS FLOOR AREA (MIN.)	1,000 SF	3,000 SF

- GENERAL NOTES**
- ALL PAVEMENT MARKINGS IN PUBLIC RIGHTS-OF-WAY AND DRIVEWAYS ARE TO BE THERMOPLASTIC AND MEET CITY AND/OR NCDOT STANDARDS.
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 - ANY DEVIATION IN THESE PLANS SHALL REQUIRE APPROVAL FROM THE PROPER APPROVING BODY.
 - ALL HANDICAP PARKING SPACES SHALL BE IN ACCORDANCE WITH THE REGULATIONS SET FORTH BY THE NORTH CAROLINA BUILDING CODE. FOR THIS PROJECT, THERE ARE NO PROPOSED CHANGES TO THE EXISTING PARKING SPACES AND NO NEW PARKING SPACES PROPOSED. IF THE CITY OF BOILING SPRING LAKES BUILDING INSPECTOR DETERMINES ANY EXISTING SPACES ARE REQUIRED TO BE RE-STRIPED, IT WILL BE ADDRESSED AS PART OF THE BUILDING CODE REQUIREMENTS.

GARBAGE REMOVAL
NO PROPOSED CHANGES TO EXISTING GARBAGE REMOVAL SERVICES.
EXISTING SERVICES TO REMAIN AS-IS.

UTILITY INFORMATION
THE PROPOSED BUILDING ADDITION WILL HAVE A 4" SANITARY SEWER SERVICE AND A 2" DOMESTIC WATER SERVICE. NO UTILITY MAINS ARE PROPOSED FOR THIS PROJECT. WATER AND SANITARY SEWER SERVICES PROVIDED BY BRUNSWICK COUNTY UTILITIES. REFER TO C-4.0 UTILITY PLAN FOR FURTHER INFORMATION.



REVISIONS:

CLIENT INFORMATION:

PROJECT STATUS:
CONCEPTUAL LAYOUT:
FINAL DESIGN:
RELEASED FOR CONSTRUCTION:

DRAWING INFORMATION:
DATE:
SCALE:
DRAWN BY:
CHECKED:

SEAL:
NORTH CAROLINA
PROFESSIONAL
ENGINEER
ROBERT P. BALLARD
031591
08/28/20

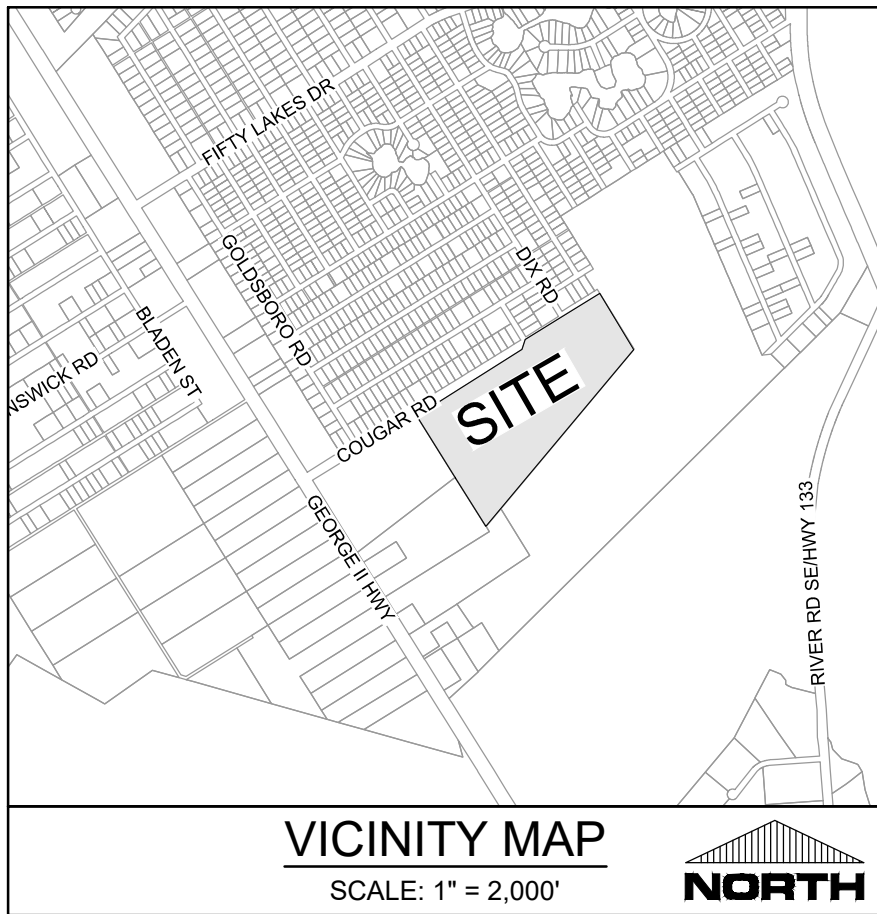
C-2.2
PEI JOB#: 19436.PE

BECKER MORGAN GROUP
3333 JAECKLE DRIVE, SUITE 120
WILMINGTON, NC 28403

PARAMOUNT ENGINEERING
122 Cinema Drive
Wilmington, North Carolina 28403
(910) 791-6707 (O) (910) 791-6760 (F)
NC License #: C-2846

SITE PLAN
SOUTH BRUNSWICK HIGH SCHOOL ROTC
280 COUGAR ROAD, SOUTHPORT
BRUNSWICK COUNTY, NC 28461

ISSUED FOR CONSTRUCTION



- GENERAL NOTES:**
1. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH ALL STATE OF NC, CITY OF BOILING SPRING LAKES, AND BRUNSWICK COUNTY STANDARDS AND SPECIFICATIONS.
 2. THE CONTRACTOR SHALL PLACE INLET PROTECTION AROUND ALL STORM DRAIN INLETS TO PROTECT THE SYSTEM FROM COLLECTING SEDIMENTATION DURING CONSTRUCTION. INLET PROTECTION SHALL REMAIN IN PLACE UNTIL PAVING IS COMPLETE AND THE SITE IS STABILIZED.
 3. ALL ROOF DRAINS SHALL BE CONNECTED TO COLLECTION SYSTEM OR SPLASH PADS AS INDICATED.
 4. ALL SIDEWALK CROSS SLOPES HAVE BEEN GRADED TO MEET ADA REGULATIONS. CONTRACTOR SHALL CONFIRM GRADES BEFORE PLACING PAVEMENT OR SIDEWALKS AND REPORT ANY DISCREPANCIES TO OWNER AND/OR ENGINEER.

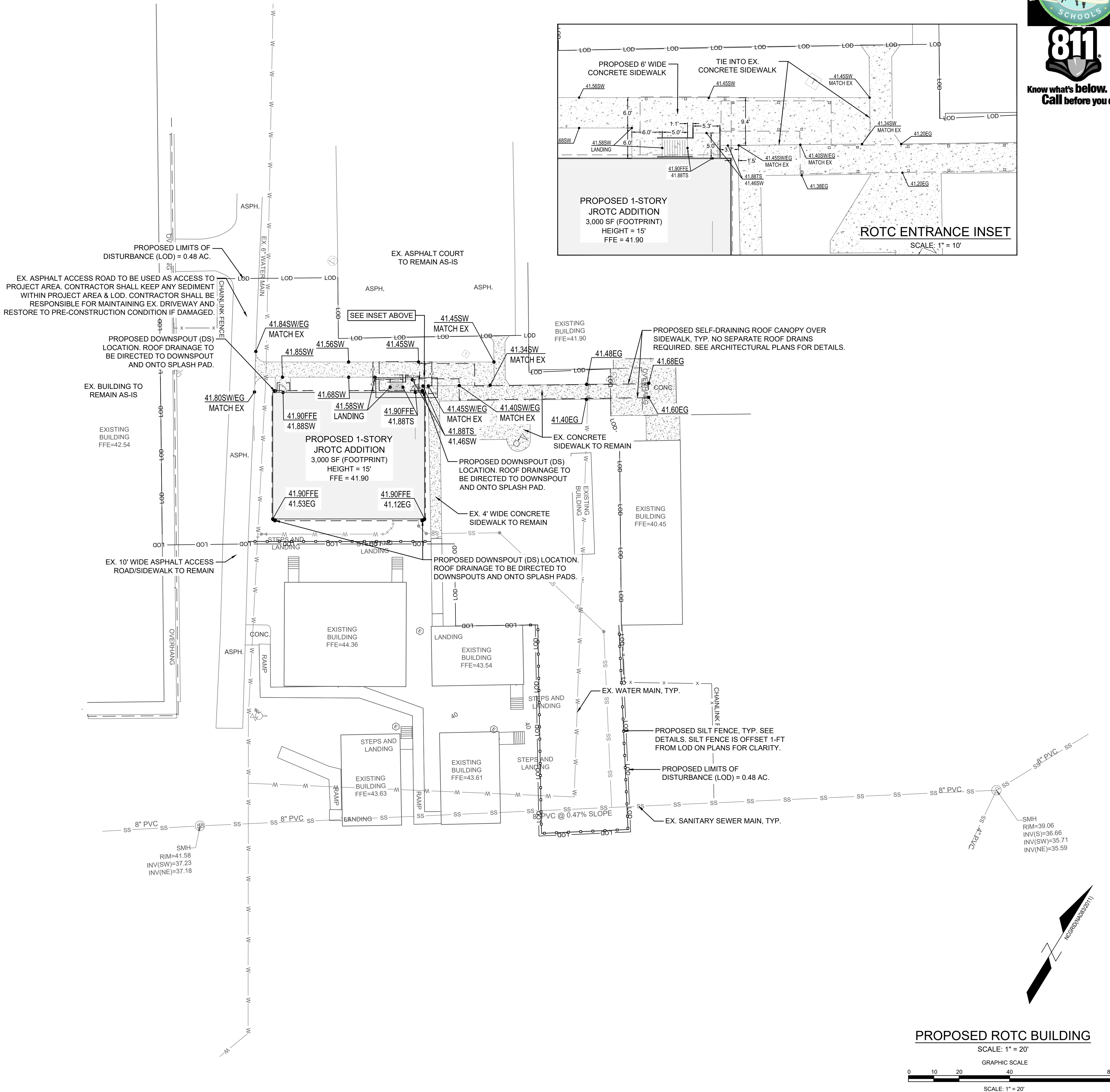
- BUILDING PAD NOTE:**
1. SITE CONTRACTOR SHALL STRIP TOPSOIL AND ANY UNSUITABLE MATERIAL AND PROVIDE CUT/FILL OPERATIONS TO PROVIDE A COMPACTED CONTROLLED BUILDING PAD, IN ACCORDANCE WITH THE SUBSURFACE GEOTECHNICAL EXPLORATION AND/OR THE TECHNICAL SPECIFICATIONS.

- STORMWATER NOTE:**
1. THERE IS AN EXISTING STATE STORMWATER PERMIT FOR THE SITE (NCDEQ SW PERMIT SW8 881203). THE SITE IS PERMITTED AS AN OVERALL LOW DENSITY PROJECT WITH AN AREA OF HIGHER DENSITY. THIS PROPOSED ROTC BUILDING ADDITION PROJECT IS WITHIN THE LOW DENSITY AREA AND WILL BE UTILIZING A PORTION OF THE FUTURE ALLOCATED IMPERVIOUS ASSOCIATED WITH THE EXISTING PERMIT.
 2. THE PROPOSED BUILDING ADDITION WILL HAVE ROOF DRAINAGE DIRECTED ONTO SPLASH PADS AS INDICATED.

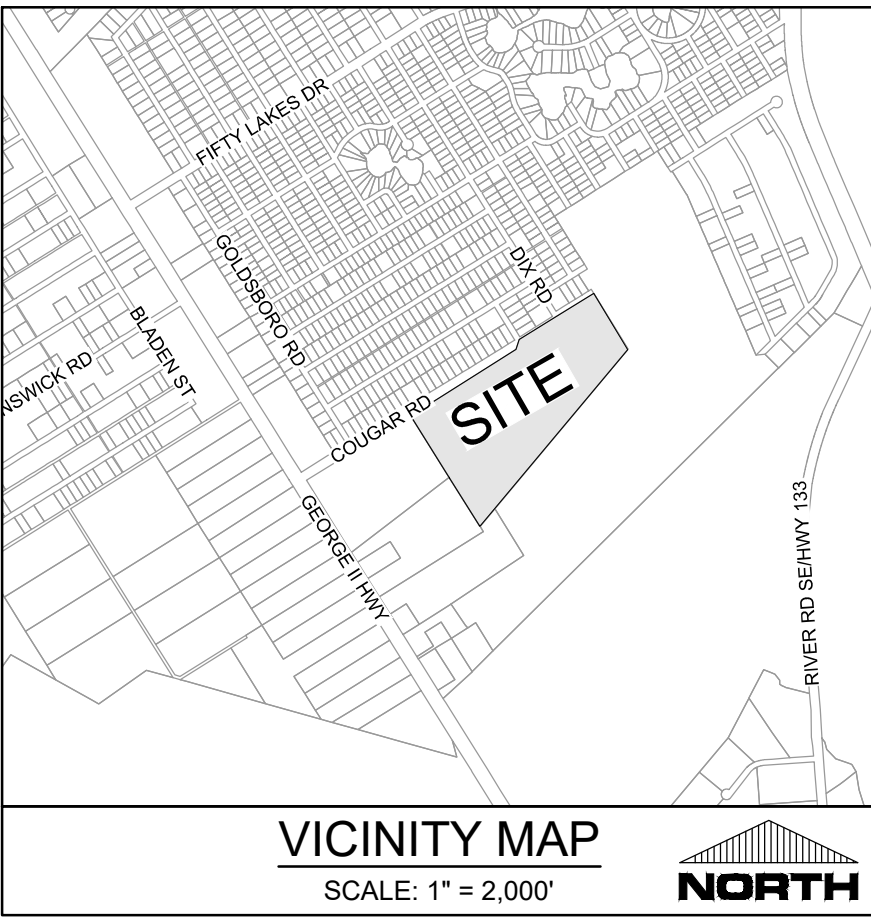
NOTATION:

DS = DOWNSPOUT
FFE = FINISHED FLOOR ELEVATION

LEGEND:	
	EXISTING CONTOUR
	PROPOSED CONTOUR
	EXISTING SPOT ELEVATION
	PROPOSED EDGE OF PAVEMENT
	PROPOSED SIDEWALK ELEVATION
	PROPOSED GRADE
	PROPOSED TOP OF STEP
	LIMITS OF DISTURBANCE
	SILT FENCE



REVISIONS:	
CLIENT INFORMATION:	
BECKER MORGAN GROUP 3333 JAECKLE DRIVE, SUITE 120 WILMINGTON, NC 28403	
PARAMOUNT ENGINEERING 122 Cinema Drive Wilmington, North Carolina 28403 (910) 791-6707 (O) (910) 791-6760 (F) NC License #: C-2846	
GRADING-DRAINAGE-EC PLAN	
SOUTH BRUNSWICK HIGH SCHOOL ROTC 280 COUGAR ROAD, SOUTHPORT BRUNSWICK COUNTY, NC 28461	
PROJECT STATUS: CONCEPT LAYOUT: FINAL DESIGN: RELEASED FOR CONSTRUCTION:	DRAWING INFORMATION: DATE: SCALE: DESIGNED BY: DRAWN BY: CHECKED BY:
SEAL NORTH CAROLINA PROFESSIONAL ENGINEER ROBERT P. BALLARD 031591 08/28/20	
C-3.0	
PEI JOB#: 19436.PE	



SITE INFORMATION
OWNER INFORMATION:
BRUNSWICK COUNTY SCHOOLS
35 REFERENDUM DRIVE NE
BOLIVIA, NC 28422
S. BRUNSWICK HIGH SCHOOL ROTC
280 COUGAR ROAD
SOUTHPORT, NC 28461
17300009
208912968370
BOOK 246, PAGE 426
C-1 COMMERCIAL MIXED USE DISTRICT
HIGH SCHOOL
HIGH SCHOOL
53.57 AC (2,333,509 SF)
THIS PARCEL LIES WITHIN AN AREA OF
MINIMAL FLOOD HAZARD (ZONE X) AS
INDICATED BY FEMA FLOOD ZONE MAP
NUMBER 372028900J & 372028900K
BEARING AN EFFECTIVE DATE OF
08/28/2018.

UTILITY INFORMATION
CONTRACTOR SHALL INSTALL WATER AND SEWER SERVICES IN ACCORDANCE WITH
CITY OF BOILING SPRING LAKES AND BRUNSWICK COUNTY UTILITIES STANDARD DETAILS
AND SPECIFICATIONS.

SANITARY SEWER
THIS PROJECT IS PROPOSING A 4" SANITARY SEWER SERVICE FOR THE PROPOSED
ROTC BUILDING. THIS SERVICE WILL CONNECT TO THE EXISTING MAINS AND/OR
SERVICES AS SHOWN. THERE ARE NO PROPOSED SANITARY SEWER MAINS WITH THIS
PROJECT. ALL SANITARY SEWER ALLOCATION PROVIDED BY BRUNSWICK COUNTY.

WATER
THIS PROJECT IS PROPOSING A 2" DOMESTIC SERVICE FOR THE PROPOSED ROTC
BUILDING. THIS SERVICE WILL CONNECT TO EXISTING WATER MAINS AND/OR SERVICES
AS SHOWN. ALL DOMESTIC WATER ALLOCATION PROVIDED BY BRUNSWICK COUNTY.
NO SPRINKLER IN PROPOSED ROTC BUILDING. NO FIRE SERVICES PROPOSED.

NO PRE-CONSTRUCTION MEETING REQUIRED WITH BRUNSWICK COUNTY UTILITIES;
PROPOSED WATER AND SANITARY SEWER ARE CONNECTING TO PRIVATELY OWNED
LINES. CONTRACTOR TO COORDINATE SHUT DOWN FOR TAP & INSTALL WITH
BRUNSWICK COUNTY SCHOOLS.

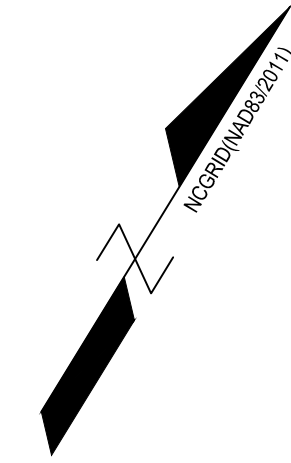
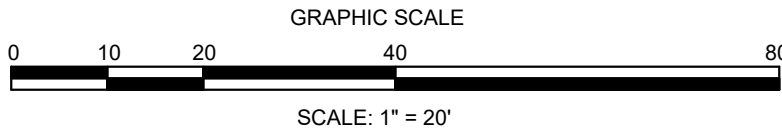
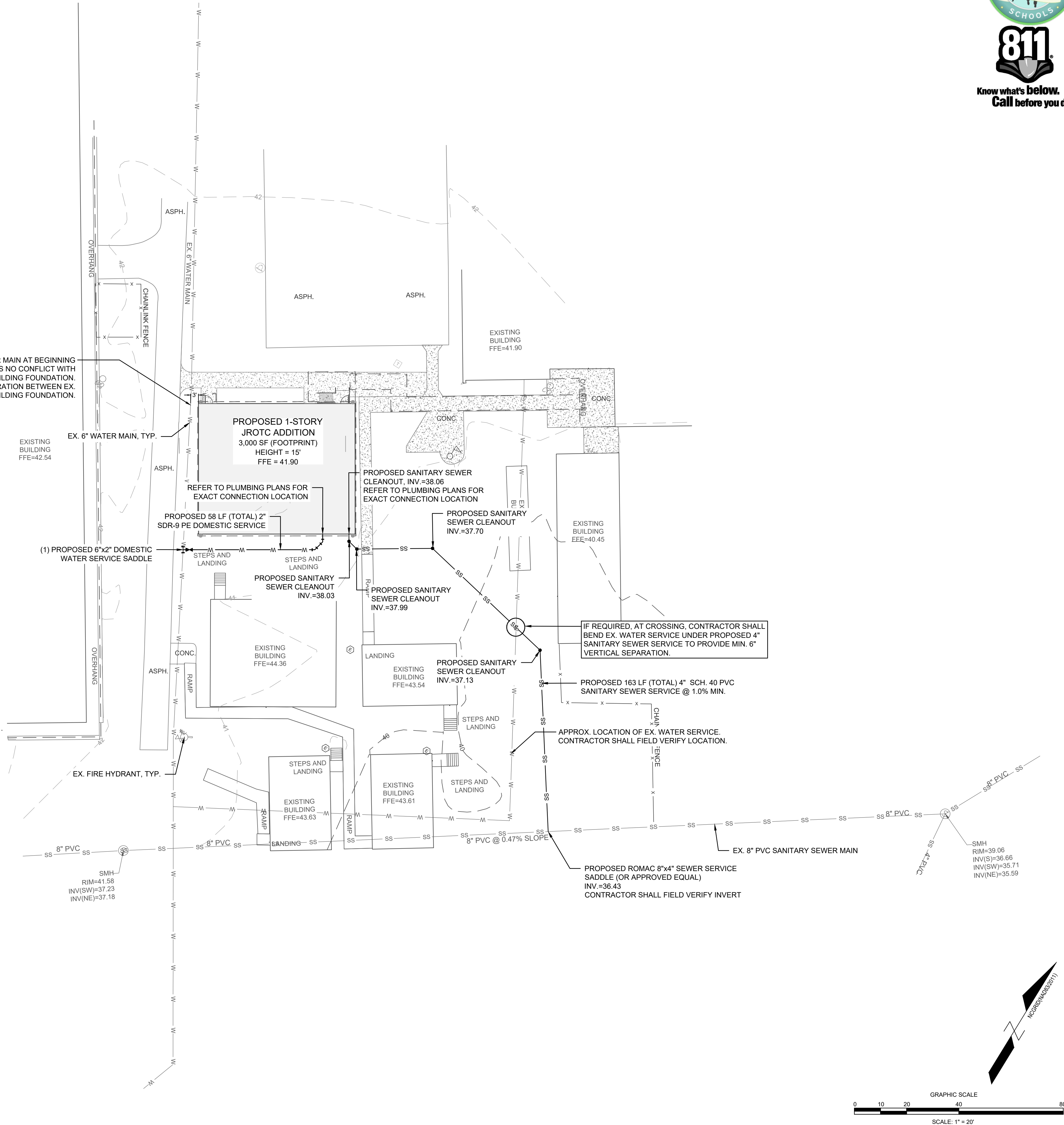
UTILITY NOTES: (NCAC 15A.02T.0305 / T15A.18C.0906)

1. WATER MAINS SHALL BE LAID SO AS TO PROVIDE A MINIMUM HORIZONTAL SEPARATION OF
10 FEET FROM SEWERS. IF CONDITIONS EXIST SUCH THAT THIS SEPARATION CANNOT BE
ACHIEVED, THE WATER MAIN CAN BE INSTALLED AT LEAST 18 INCHES ABOVE THE TOP OF
THE SEWER, EITHER IN A SEPARATE TRENCH, OR IN THE SAME TRENCH ON A BENCH OF
UNDISTURBED EARTH.
2. WHEN CROSSING A WATER MAIN OVER A SEWER, THE WATER MAIN SHALL BE LAID AT
LEAST 18 INCHES ABOVE THE SEWER. IF CONDITIONS EXIST SUCH THAT THIS SEPARATION
CANNOT BE ACHIEVED, BOTH THE WATER MAIN AND SEWER SHALL BE CONSTRUCTED OF
DUCTILE IRON PIPE WITH JOINTS THAT MEET WATER MAIN STANDARDS. THE DUCTILE IRON
PIPE SHALL EXTEND 10 FEET ON EACH SIDE OF THE CROSSING WITH A SECTION OF WATER
MAIN PIPE CENTERED ON THE CROSSING.
3. CROSSING A WATER MAIN UNDER A SEWER, WHENEVER IT IS NECESSARY FOR A WATER
MAIN TO CROSS UNDER A SEWER, BOTH THE WATER MAIN AND THE SEWER SHALL BE
CONSTRUCTED OF FERROUS MATERIALS AND WITH JOINTS EQUIVALENT TO WATER MAIN
STANDARDS FOR A DISTANCE OF 10 FEET ON EACH SIDE OF THE POINT OF CROSSING. A
SECTION OF WATER MAIN PIPE SHALL BE CENTERED AT THE POINT OF CROSSING.
4. WHERE VERTICAL CLEARANCE IS LESS THAN 24" BETWEEN SANITARY SEWER AND STORM
DRAIN, SANITARY SEWER SHALL BE DUCTILE IRON PIPE FOR A MINIMUM OF 10' EITHER SIDE
OF CROSSING AND STORM DRAIN SHALL BE RC PIPE.
5. WHERE VERTICAL CLEARANCE IS LESS THAN 18" BETWEEN WATER MAIN AND STORM
DRAIN, WATER MAIN SHALL BE DUCTILE IRON PIPE FOR A MINIMUM OF 10' EITHER SIDE OF
CROSSING AND STORM DRAIN SHALL BE RC PIPE.

FIRE & LIFE SAFETY NOTES:

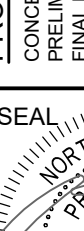
1. NEW HYDRANTS MUST BE AVAILABLE FOR USE PRIOR TO CONSTRUCTION OF THE BUILDINGS
WITHIN ANY DEVELOPMENT.
2. HYDRANTS MUST BE LOCATED WITHIN 8' OF THE CURB.
3. CONTRACTOR SHALL MAINTAIN AN ALL WEATHER ACCESS FOR EMERGENCY VEHICLES AT ALL
TIMES DURING CONSTRUCTION.
4. A MINIMUM OF 4' SHALL SEPARATE UNDERGROUND FIRE LINES OR PRIVATE WATER MAINS
FROM OTHER UNDERGROUND UTILITIES.
5. LANDSCAPING OR PARKING CAN NOT BLOCK OR IMPEDE THE FDC OR FIRE HYDRANTS. A
3-FOOT (3') CLEAR SPACE SHALL BE MAINTAINED AROUND THE CIRCUMFERENCE OF
HYDRANTS AND FDC.

CONTRACTOR SHALL LOCATE EX. WATER MAIN AT BEGINNING
OF PROJECT TO VERIFY THERE IS NO CONFLICT WITH
PROPOSED BUILDING AND PROPOSED BUILDING FOUNDATION.
THERE SHALL BE A 3-FT MINIMUM SEPARATION BETWEEN EX.
WATER MAIN AND PROPOSED BUILDING FOUNDATION.



REVISIONS:		CLIENT INFORMATION:	
		BECKER MORGAN GROUP 3333 JAECKLE DRIVE, SUITE 120 WILMINGTON, NC 28403	
UTILITY PLAN		PARAMOUNT ENGINEERING, INC. 122 Cinema Drive Wilmington, North Carolina 28403 (910) 791-6707 (O) (910) 791-6760 (F) NC License #: C-2846	
PROJECT STATUS: CONCEPTUAL LAYOUT: FINAL DESIGN: RELEASED FOR CONSTRUCTION:		SOUTH BRUNSWICK HIGH SCHOOL ROTC 280 COUGAR ROAD, SOUTHPORT BRUNSWICK COUNTY, NC 28461	
DRAWING INFORMATION: DATE: 08/28/20 SCALE: 1" = 20' DRAWN BY: AEC CHECKED: RBE		SEAL NORTH CAROLINA PROFESSIONAL ENGINEER ROBERT P. BALLARD 031591 08/28/20	
C-4.0		PEI JOB#: 19436.PE	



PROJECT STATUS CONCEPTUAL LAYOUT: FINAL LAYOUT: RELEASED FOR CONST.	DRAWING INFORMATION DATE: 08/28/20 DESIGNED: N CHECKED: AEC DRAWN: AEC RFB
	SEAL 

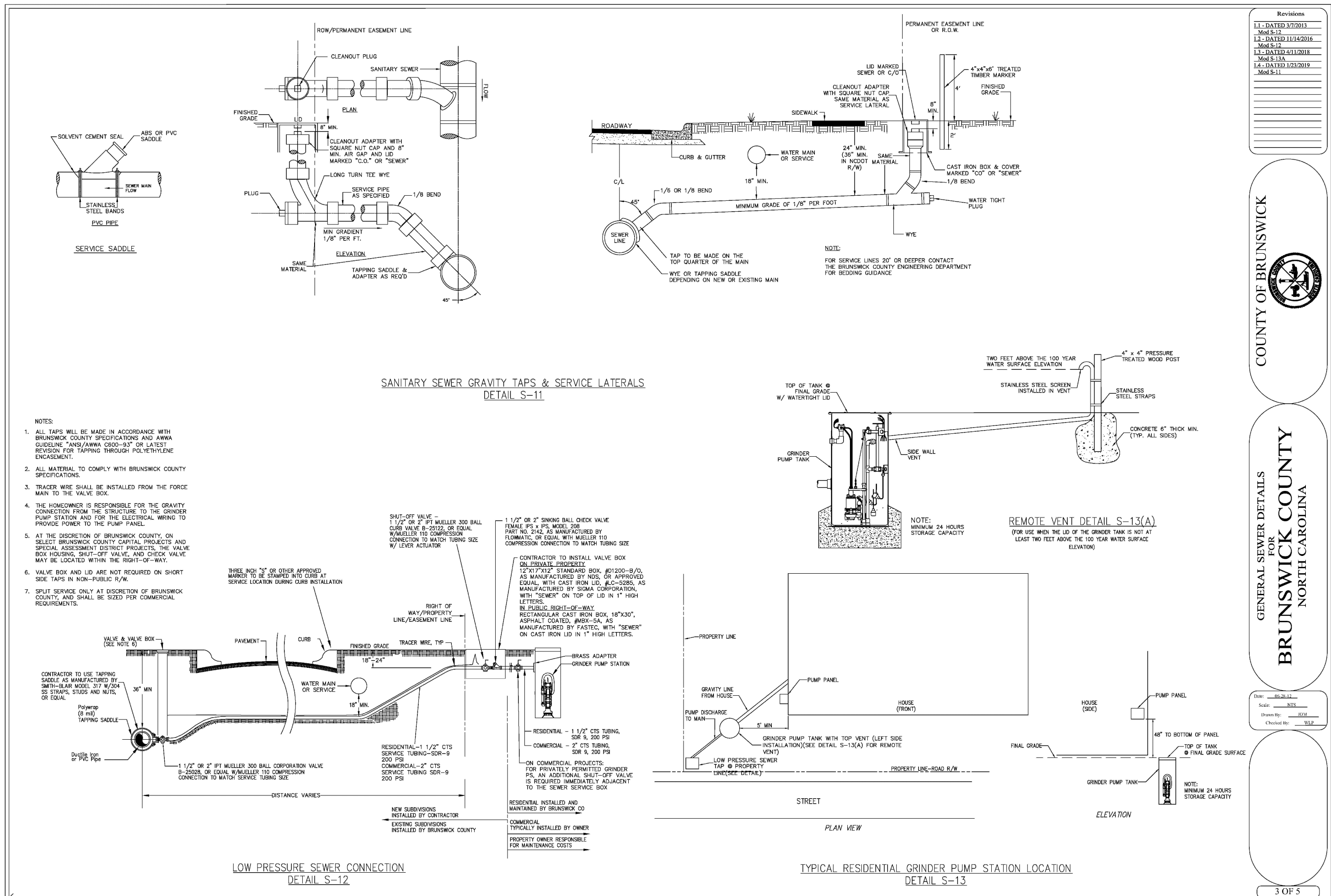
PEI JOB#: 19436.PE

SOUTH BRUNSWICK HIGH SCHOOL ROTC
280 COUGAR ROAD, SOUTHPORT
BRUNSWICK COUNTY, NC 28461

122 Cinema Drive
Wilmington, North Carolina 28403
(910) 791-6707 (O) (910) 791-6760 (F)
NC License #: C-2846

BECKER MORGAN GROUP
3333 JAECKLE DRIVE, SUITE 120
WILMINGTON, NC 28403

REVISIONS:





Know what's below.
Call before you dig.



REVISIONS:

CLIENT INFORMATION:
BECKER MORGAN GROUP
3333 JAECKLE DRIVE, SUITE 120
WILMINGTON, NC 28403

PARAMOUNT ENGINEERING, INC.
122 Cinema Drive
Wilmington, North Carolina 28403
(910) 791-6707 (O) (910) 791-6760 (F)
NC License #: C-2846

DETAILS
SOUTH BRUNSWICK HIGH SCHOOL ROTC
280 COUGAR ROAD, SOUTHPORT
BRUNSWICK COUNTY, NC 28461

PROJECT STATUS
CONCEPT LAYOUT:
FINAL DESIGN:
DRAWING INFORMATION
DATE: 08/28/20
SCALE: N.T.S.
DRAWN: J.P. BALLING
CHECKED: PBE
08/28/20
C-5.1
PEI JOB#: 19436.PE

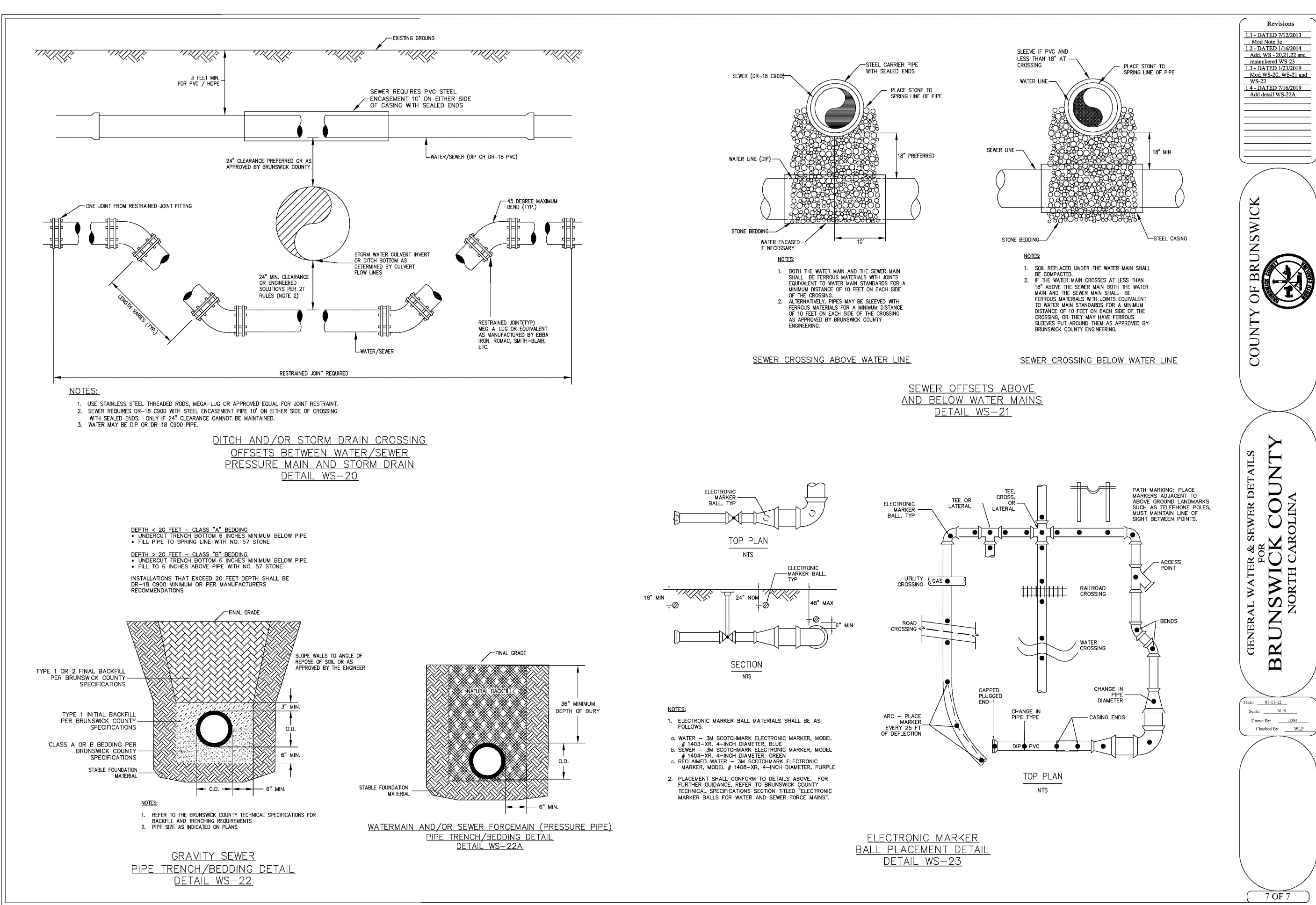
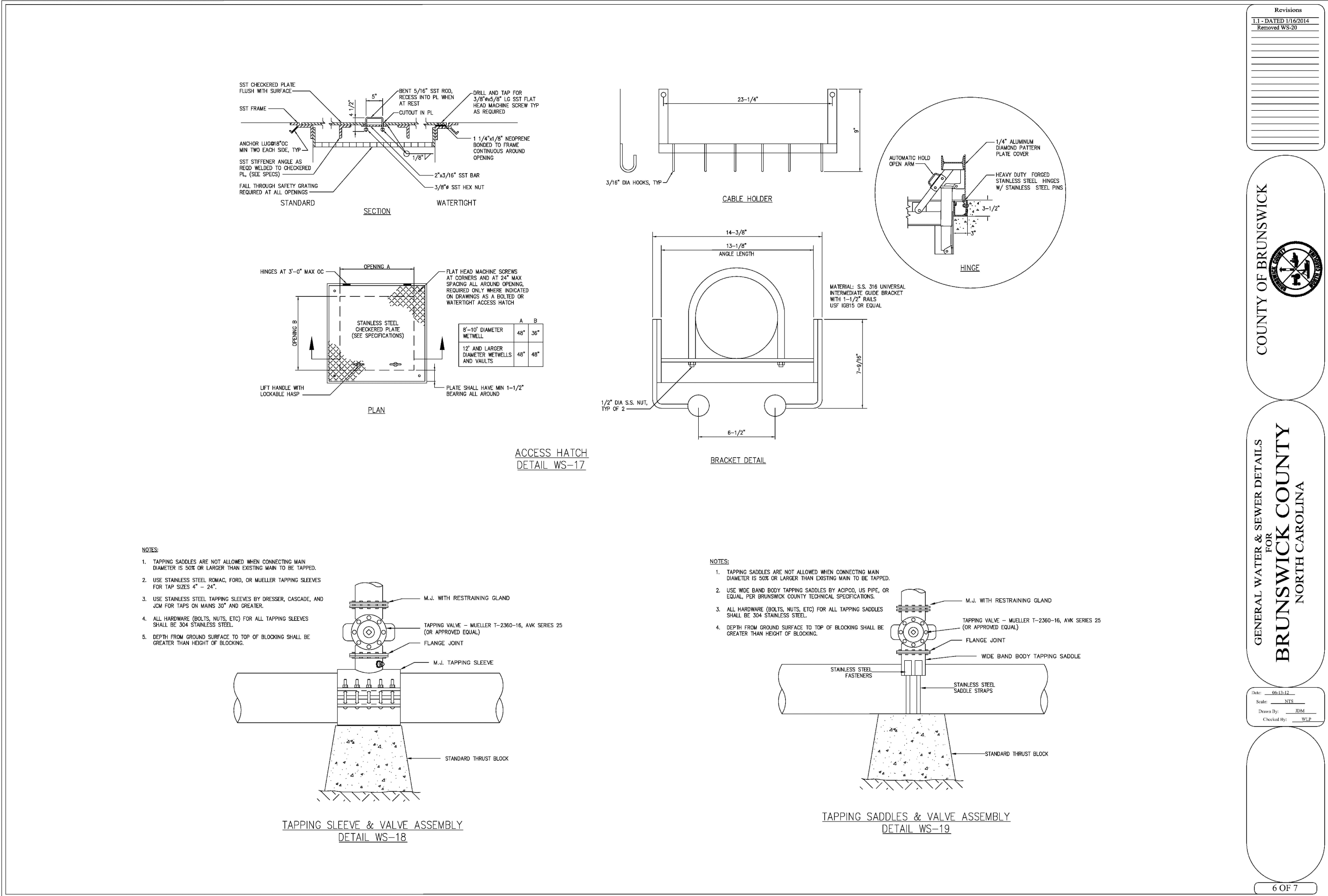
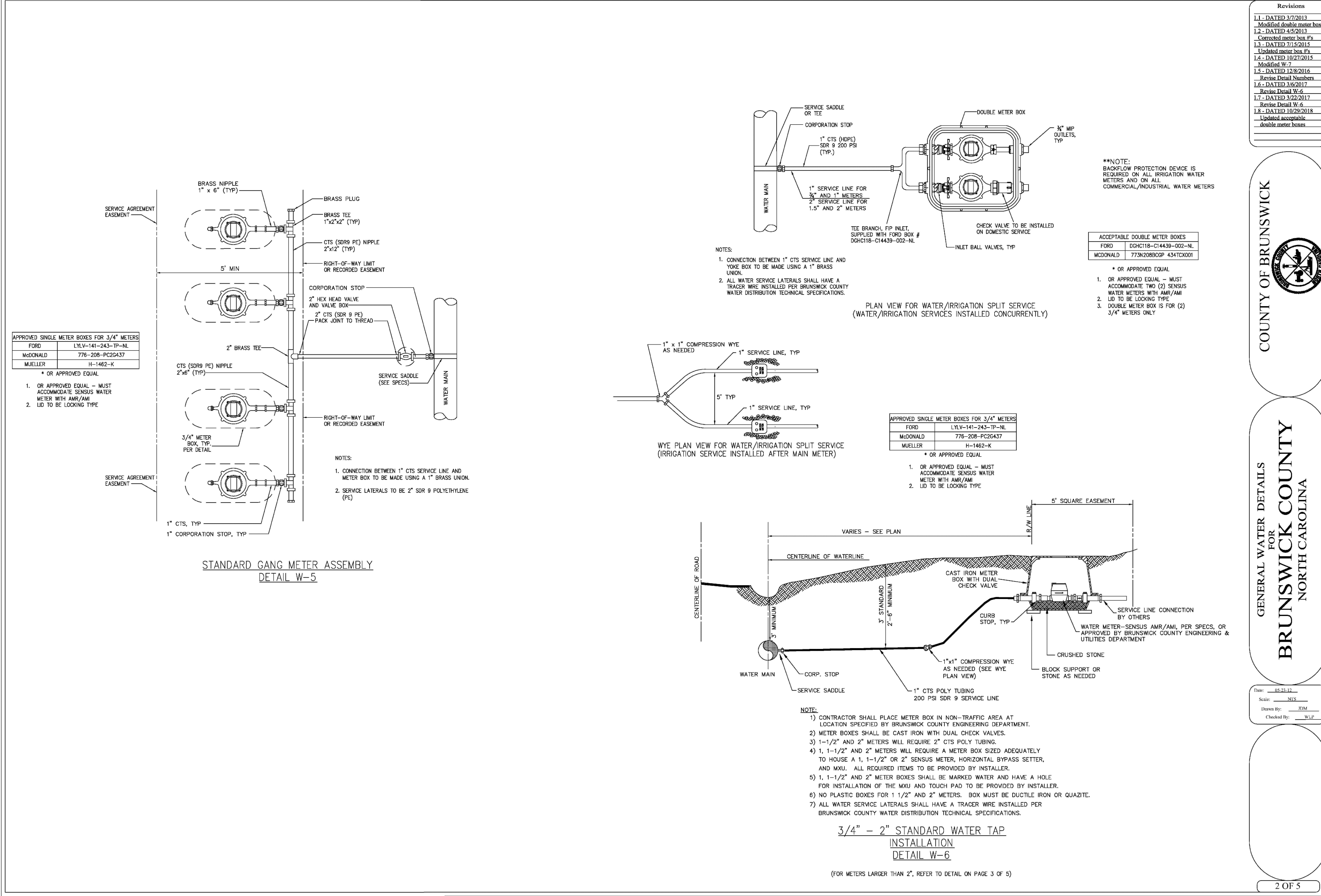
ISSUED FOR CONSTRUCTION

Revisions
1.1 - DATED 03/20/11
1.2 - DATED 04/20/11
1.3 - DATED 04/20/11
1.4 - DATED 04/20/11
1.5 - DATED 04/20/11
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1.98 - DATED 04/20/11
1.99 - DATED 04/20/11
2.00 - DATED 04/20/11



GENERAL WATER DETAILS
FOR
BRUNSWICK COUNTY
NORTH CAROLINA

2 OF 5



HINGE SIDE OF DOOR

ROOM SIGN

5'-0" TO SIGN

8" TO CENTER

6"

6"

1"

7/8"

5/8"

1/4"

3/8"

1/32" RAISED GRAPHICS, TYP.

GRADE II BRAILLE

600

TEACHER WORKROOM

teacher wrkrm

1

TYPICAL SIGN MOUNTING HEIGHT

SCALE : 3" = 1'-0"

2

SIGN TYPE A

SCALE : 6" = 1'-0"

6"

9"

MF = 4 1/2" HC = 3"

1/32" RAISED GRAPHICS, TYP.

GRADE II BRAILLE

WOMEN

WOMEN

MEN

MEN

3

SIGN TYPE B

SCALE : 6" = 1'-0"

1 1/2"

1/2"

SPACER

BOLT

18" CAST ALUM. LETTER

FINISHED WALL

SIGNAGE SCHEDULE				
ROOM NUMBER	ROOM NAME	DOOR NUMBER	SIGN TYPE	COPY ON SIGN
532	WOMEN	532	B	WOMEN
533	MEN	533	B	MEN
534	STORAGE	534	A	534 STORAGE
535	BDA CLOSET	535	A	535 BDA CLOSET
NONE	NONE	NONE	C	JROTC

4

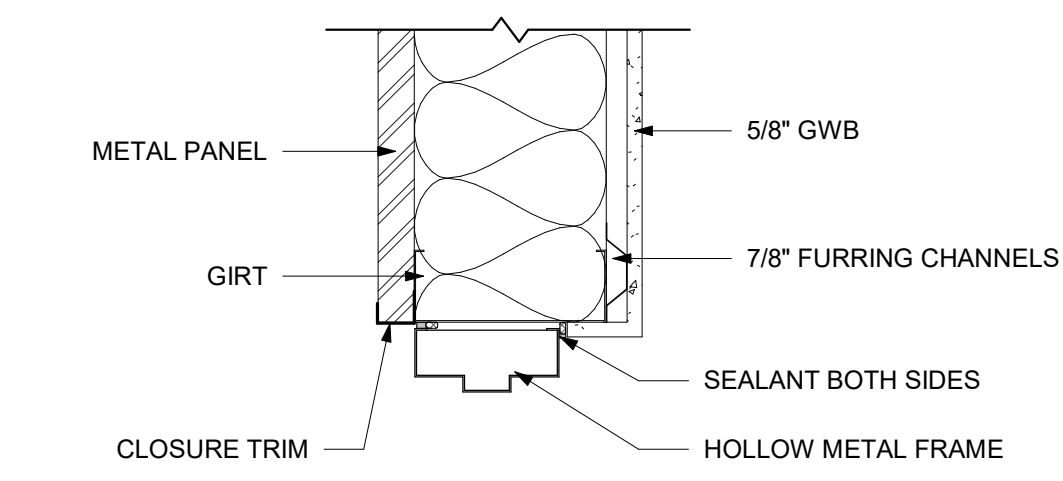
SIGN TYPE C

SCALE : 3" = 1'-0"

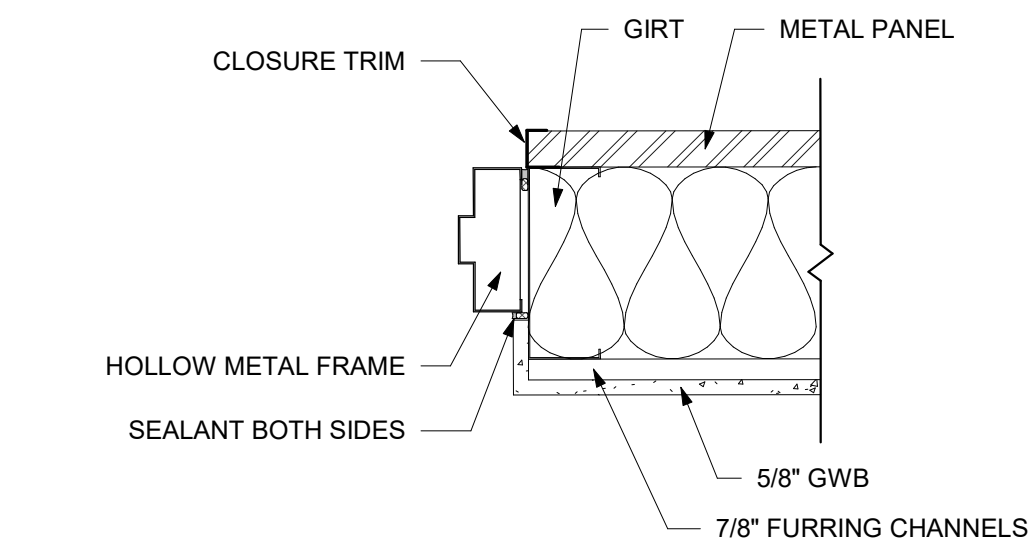
FINISH SCHEDULE																
#	ROOM NAME	FLOOR		BASE MAT	WALL								CEILING		COMMENTS	
		MAT	PAT		NORTH		EAST		SOUTH		WEST		MAT	FIN		
					MAT	FIN		MAT	FIN	MAT	FIN	MAT	FIN			
FIRST FLOOR																
530	SHOOTING RANGE	CONC	PAINT LINES	R	PLY	PT	PLY	PT	PLY	PT	H.GWB	PT	EXPO	-		
531	CORR	CONC	-	R	GWB	PT	GWB	PT	PLY	PT	H.GWB	PT	EXPO	-		
532	MEN	CONC	-	R	GWB	EPT	GWB	EPT	GWB	EPT	GWB	EPT	GWB	PT		
533	WOMEN	CONC	-	R	GWB	EPT	GWB	EPT	GWB	EPT	GWB	EPT	GWB	PT		
534	STOR	S. CONC	PAINT LINES	R	GWB	PT	GWB	PT	PLY	PT	GWB	PT	EXPO	-		
535	BDA CL	CONC	-	R	GWB	PT	GWB	PT	GWB	PT	GWB	PT	GWB	PT		

FINISH SCHEDULE LEGEND	
KEY NAME	DESCRIPTION
FLOOR	
-	NOT APPLICABLE / EXISTING TO REMAIN
CONC	CONCRETE, NOT SEALED, EPOXY PAINTED
QT	QUARRY TILE
S. CONC	CONCRETE WITH SEALER/HARDENER
BASE	
-	NOT APPLICABLE / EXISTING TO REMAIN
R	RESILIENT WALL BASE
WALL	
-	NOT APPLICABLE / EXISTING TO REMAIN
EPT	EPOXY PAINT
GWB	GYPSUM WALL BOARD
PLY	PLYWOOD
PT	PAINT
CEILING	
-	NOT APPLICABLE / EXISTING TO REMAIN
EXPO	EXPOSED STRUCTURE, FIRE PROTECTOIN, PLUMBING, MECHANICAL, ELECTRICAL, TECHNOLOGY
GWB	GYPSUM BOARD CEILING
PT	PAINT
ORIENTATION	
-	ON PLANS NORTH WALL IS DOWN, EAST IS LEFT, SOUTH IS UP, WEST IS RIGHT
GENERAL NOTES	
1	WALLS AND CEILINGS MAY CONTAIN MORE THAN ONE MATERIAL OR FINISH AS INDICATED. COORDINATE WITH CONSTRUCTION TYPE AND FINISH SIMILAR TO ADJACENT MATERIALS
2	SEE A101 REFLECTED CEILING PLANS & CEILING NOTES FOR CEILING HEIGHTS, MATERIAL EXTENTS, LOCATIONS AND HEIGHTS OF BULKHEADS, SOFFITS, ETC.
3	PLAN WALL TYPES TAKE PRECEDENCE OVER SCHEDULED WALL FINISH. PROVIDE APPROPRIATE WALL FINISH TO CORRESPOND TO WALL TYPES.
4	MOLD AND MOISTURE RESISTANT GYPSUM BOARD SHALL BE USED AT ALL KITCHEN AREAS, TOILET ROOMS AND CUSTODIAN SERVICE CLOSETS SCHEDULED TO HAVE GYPSUM BOARD FINISHES
5	WALL AND CEILING FINISHES SHALL INCLUDE ALL PROJECTIONS, BEAM ENCLOSURES, RECESSES, BULKHEADS, MATERIAL CHANGES, OR OTHER ENCLOSURES. REFER TO REFLECTED CEILING PLANS
6	PROVIDE SEALANT/CAULK AT INTERSECTIONS OF DISSIMILAR MATERIALS AND AS RECOMMENDED BY MANUFACTURERS' GUIDELINES
7	ALL NEW PARTITIONS AND WALLS SHALL BE PAINTED.

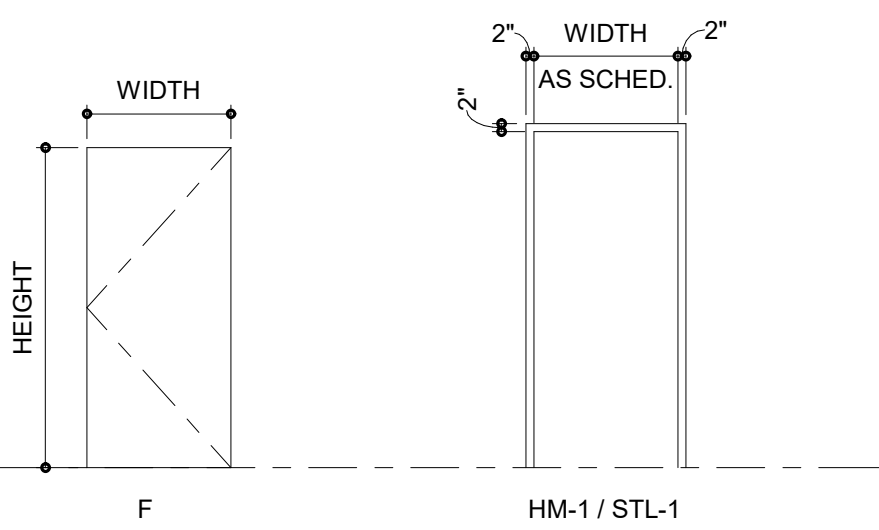
DOOR AND FRAME SCHEDULE															
ROOM NAME	DOOR NUMBER	FIRE RATING	DOOR					FRAME					HARDWARE		REMARKS
			OPENING WIDTH	HEIGHT	DESCRIPTION			DESCRIPTION			DETAILS		LOCKSET / LATCHSET		
					TYPE	MATERIAL	FINISH	TYPE	MATERIAL	FINISH	HEAD	JAMB		SILL	
FIRST FLOOR															
SHOOTING RANGE	530	-	3'-0"	7'-0"	F	HM	PT	HM-1	HM	PT	1/A501	2/A501	5/A501	06	
CORR	531	-	3'-0"	7'-0"	F	HM	PT	HM-1	HM	PT	1/A501	2/A501	5/A501	13	
WOMEN	532	-	3'-0"	7'-0"	F	SCWD	STAIN	HM-1	HM	PT	3/A501	4/A501	-	08	
MEN	533	-	3'-0"	7'-0"	F	SCWD	STAIN	HM-1	HM	PT	3/A501	4/A501	-	08	
STOR	534	-	3'-0"	7'-0"	F	STL	PT	STL-1	STL	PT	3/A501	4/A501	-	07	
BDA CL	535	90 min	3'-0"	7'-0"	F	HM	PT	HM-1	HM	PT	3/A501	4/A501	-	07	



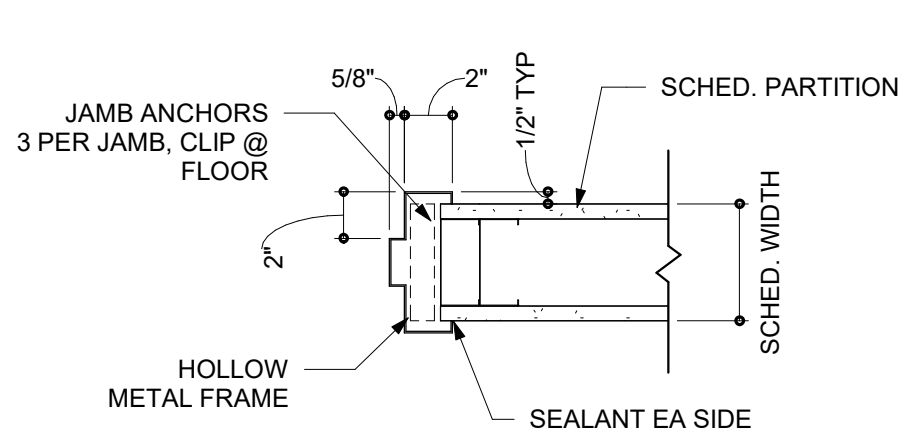
1 EXTERIOR DOOR HEAD
SCALE: 1 1/2" = 1'-0"



2 EXTERIOR DOOR JAMB
SCALE: 1 1/2" = 1'-0"

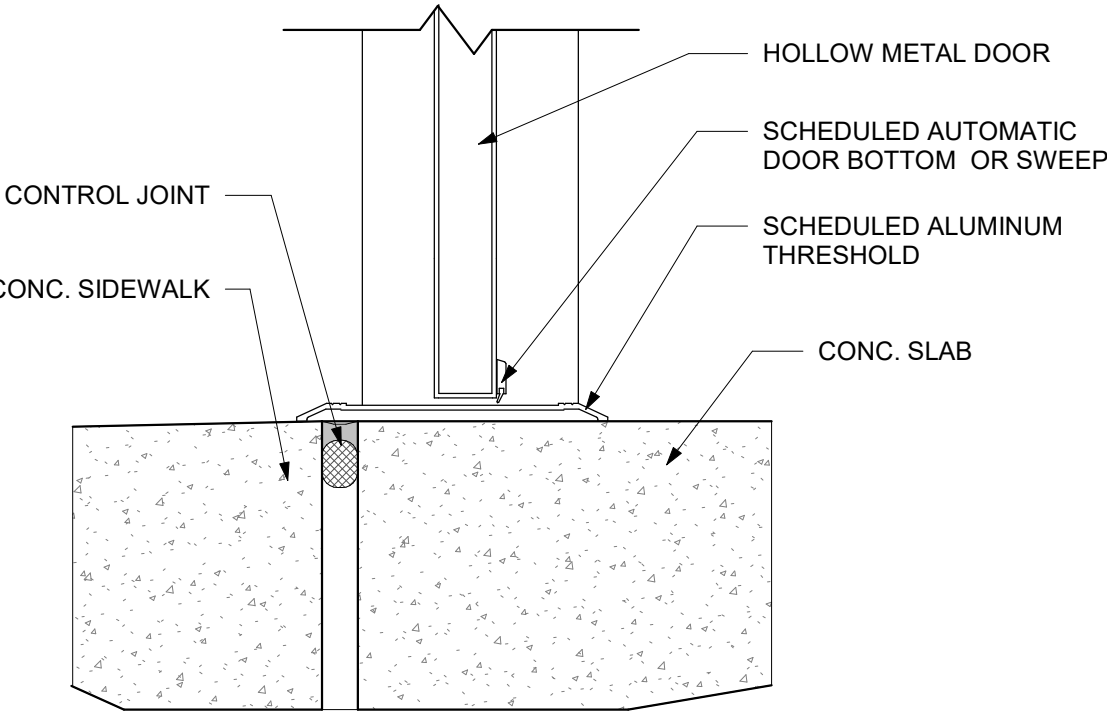


3 INTERIOR DOOR HEAD
SCALE: 1 1/2" = 1'-0"



4 INTERIOR DOOR JAMB
SCALE: 1 1/2" = 1'-0"

DOOR SCHEDULE LEGEND	
-	NONE (IE, NOT APPLICABLE OR FACTORY FINISHED)
ALUM, AL	ALUMINUM
CW	CURTAINWALL
FG	FIRE PROTECTION/FIRE-RESISTANCE RATED GLAZING
HM	HOLLOW METAL
IG	INSULATED GLAZING
LAM	LAMINATED GLAZING
PT	PAINTED
SCWD	SOLID CORE WOOD DOOR
SF	STOREFRONT
SST	STAINLESS STEEL
ST	STAINED
STL	STEEL
TEMP	TEMPERED GLAZING



5 HM DOOR THRESHOLD DETAIL
SCALE: 3" = 1'-0"

BECKER
MORGAN
GROUP

ARCHITECTURE
PLANNING

North Carolina
3205 Randall Parkway, Suite 211
Wilmington, NC 28403
910.341.7600

Maryland
312 West Main St, Suite 300
Salisbury, MD 21801
410.546.9100

Delaware
309 S Governors Ave
Dover, DE 19904
302.734.7950

Rittenhouse Station
250 South Main Street, Suite 109
Newark, DE 19711
302.369.3700
www.beckermorgan.com

ISSUED
FOR CONSTRUCTION

ISSUED: 08/27/2020

PROJECT TITLE

SOUTH
BRUNSWICK
HIGH SCHOOL
ROTC BUILDING

280 COUGAR ROAD,
SOUTHPORT NC 28461

DSP # : 100
DPI SCHOOL # :

SHEET TITLE

SCHEDULES AND
DETAILS

Mark	Date	Description
1	09/16/2020	ADDENDUM 3
0	08/27/2020	ISSUED FOR CONSTRUCTION

PROJECT NO: 2019241.00
DATE: 08/27/2020
SCALE: As indicated
DRAWN BY: LJR PROJ MGR: RMC

A501
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