

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.

<u>Response</u>: 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?

<u>Response</u>: 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?

<u>Response</u>: 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

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>	SURFACE CLOSER	<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.



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 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.
- 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

201924100_Pre-Bid Minutes.docx



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 TH	252-527-3333	AJOHY@ GROUP HIMGT. COM
John Songe	Stone hange Bld.	1910-471-22686	winstone Henge Building, Com
BosWorcan	PARAGON	9103970933	BUNDEGANE JARAGON WILMINGTON. CO
DAKOTA WILKERSO	on WM Jordan	910-524-2750	dwilkerson@wnijordan.com
JC SILVESTER	HVACSP	910-599-6440	JCQ HVACEP, com
Chip HoogEs	53 Hs	910-845-2207	mhodges@bcswan.net
Dan Corbott	5BH5	910-845-2649	doubett@ besum enet
SREG SHUSKEY	BLS	910-274-1127	CShuskey Obesum. net
Anthony Johnson	Timeless Properties Inc	910-550-6359	Tong @Timelesspropertiesco. wm

WILMINGTON, NC 28403 910.341.7600 FAX 910.341.7506 3333 JAECKLE DRIVE, SUITE 120

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:	Owner:
Becker Morgan Group, Inc	Brunswick County Schools
Wilmington, North Carolina	Bolivia, North Carolina
910.341.7600	

SCO-Notice To Bidders 2010 (Updated Dec. 2010)

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

TRANSMISSION AGENT BILL WILDER PH: 910-772-4903

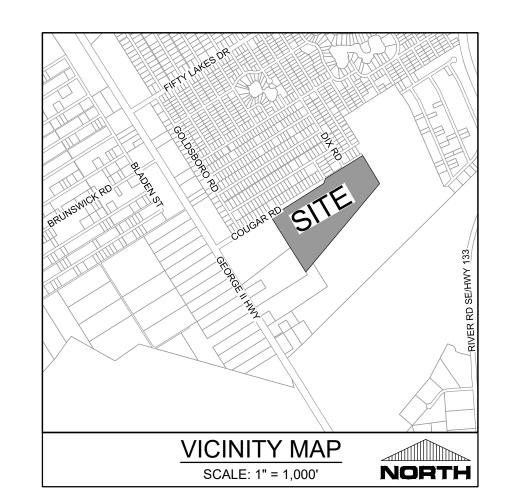
PH: 910-350-3457

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





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

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

- THE CONTRACTOR IS REQUIRED TO OBTAIN ANY/ALL PERMITS REQUIRED FOR CONSTRUCTION
- ALL CONSTRUCTION TO BE IN ACCORDANCE WITH PERMITS ISSUED AND WITH THE CITY OF BOILING SPRING LAKES AND BRUNSWICK COUNTY UTILITIES (WATER & SANITARY SEWER).
- THE CONTRACTOR IS TO ESTABLISH AND CHECK ALL HORIZONTAL AND VERTICAL CONTROLS TO BE USED WITH THE PROJECT. IN ADDITION, THE CONTRACTOR IS TO COMPUTE THE LAYOUT OF THE ENTIRE SITE PLAN IN ADVANCE OF BEGINNING ANY WORK ASSOCIATED WITH THE SUBJECT PLANS. CONTRACTOR SHALL EMPLOY A PROFESSIONAL SURVEYOR TO PERFORM SITE IMPROVEMENT STAKEOUT(S)
- ANYTIME WORK IS PERFORMED OFF-SITE OR WITHIN AN EXISTING EASEMENT, THE CONTRACTOR IS TO NOTIFY THE HOLDER OF SAID EASEMENT AS TO THE NATURE OF PROPOSED WORK, AND TO FOLLOW ANY GUIDELINES OR STANDARDS WHICH ARE ASSOCIATED WITH OR REFERENCED IN THE RECORDED EASEMENT.
- CONTRACTOR SHALL REFER TO ARCHITECTURAL DRAWINGS BY OTHERS FOR ALL BUILDING DIMENSIONS AND DETAILS.

GENERAL NOTES:

- TREE INVENTORY AND TOPOGRAPHIC SURVEY COMPLETED BY PARAMOUNTE ENGINEERING, INC. THE SURVEY SHALL BE FIELD VERIFIED BY CONTRACTOR AND ANY DISCREPANCIES REPORTED TO
- REASONABLE CARE HAS BEEN EXERCISED IN SHOWING THE LOCATION OF EXISTING UTILITIES ON THE PLANS. THE EXACT LOCATION OF ALL EXISTING UTILITIES IS NOT KNOWN IN ALL CASES. THE CONTRACTOR SHALL EXPLORE THE AREA AHEAD OF DITCHING OPERATIONS BY OBSERVATIONS. ELECTRONIC DEVICES, HAND DIGGING AND BY PERSONAL CONTACT WITH THE UTILITY COMPANIES. IN ORDER TO LOCATE EXISTING UTILITIES IN ADVANCE OF TRENCHING OPERATIONS SO AS TO ELIMINATE OR MINIMIZE DAMAGE TO EXISTING UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS RESULTING FROM ANY DAMAGE TO THE EXISTING UTILITY LINES INCLUDING LOSS OF UTILITY REVENUES. CONTRACTOR SHALL ARRANGE FOR TEMPORARY SUPPORT OF EXISTING UTILITIES, SUCH AS POLES, CONDUITS, FIBER OPTIC CABLES, TELEPHONE CABLES, WATER LINES, ETC.
- CONTRACTOR SHALL COMPLY WITH THE LATEST REVISIONS AND INTERPRETATIONS OF THE DEPARTMENT OF LABOR SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION PROMULGATED UNDER THE OCCUPATIONAL SAFETY AND HEALTH ACT.
- CONTRACTOR SHALL PLAN AND CONSTRUCT WORK SO AS TO CAUSE MINIMUM INCONVENIENCE TO THE OWNER AND THE PUBLIC. THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN AT ALL TIMES DURING THE PROGRESS OR TEMPORARY SUSPENSION OF WORK, SUITABLE BARRIERS, FENCES, SIGNS OR OTHER ADEQUATE PROTECTION, INCLUDING FLAGMEN AND WATCHMEN AS NECESSARY TO INSURE THE SAFETY OF THE PUBLIC AS WELL AS THOSE ENGAGED IN THE CONSTRUCTION WORK. CONSTRUCTION SIGNING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF "CONSTRUCTION AND MAINTENANCE OPERATIONS SUPPLEMENT TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" BY THE USDOT
- ALL MATERIAL CLEARED OR DEMOLISHED BY THE CONTRACTOR IN ORDER TO CONSTRUCT THE WORK SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE PROPERLY DISPOSED
- ALL WORK BY THE CONTRACTOR SHALL BE WARRANTED BY THE CONTRACTOR FOR A PERIOD OF ONE YEAR AFTER THE OWNER ACCEPTS THE WORK.
- CONTRACTOR SHALL CALL THE NORTH CAROLINA ONE-CALL CENTER AT 811 AN ALLOW THE CENTER TO LOCATE EXISTING UTILITIES BEFORE DIGGING.
- ANY DISCREPANCY IN THIS PLAN AND ACTUAL FIELD CONDITIONS SHALL BE REPORTED TO THE OWNER PRIOR TO START OF CONSTRUCTION. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL SETBACKS, EASEMENTS AND DIMENSIONS SHOWN HEREON BEFORE BEGINNING CONSTRUCTION.
- CONTRACTOR SHALL MAINTAIN THE SITE IN A MANNER SO THAT WORKMEN AND PUBLIC SHALL BE PROTECTED FROM INJURY, AND ADJOINING PROPERTY PROTECTED FROM DAMAGE.
- 0. ACCESS TO UTILITIES, FIRE HYDRANTS, STREET LIGHTING, ETC., SHALL REMAIN UNDISTURBED, UNLESS COORDINATED WITH THE RESPECTIVE UTILITY.
- 11. DO NOT SCALE THIS DRAWING AS IT IS A REPRODUCTION AND SUBJECT TO DISTORTION.
- 12. THE GENERAL CONTRACTOR SHALL REMOVE ALL DEBRIS FROM THE SITE UPON COMPLETION OF THE PROJECT AND AT LEAST ONCE A WEEK DURING CONSTRUCTION.
- 13. THE GENERAL CONTRACTOR SHALL KEEP THE AREA OUTSIDE THE "CONSTRUCTION LIMITS" BROOM CLEAN AT ALL TIMES.
- 14. ALL STREET SURFACES, DRIVEWAYS, CULVERTS, CURB AND GUTTERS, ROADSIDE DRAINAGE DITCHES AND OTHER STRUCTURES THAT ARE DISTURBED OR DAMAGED IN ANY MANNER AS A RESULT OF CONSTRUCTION SHALL BE REPLACED OR REPAIRED IN ACCORDANCE WITH THE SPECIFICATIONS.
- 15. CONTRACTOR SHALL MAINTAIN AN "AS-BUILT" SET OF DRAWINGS TO RECORD THE EXACT LOCATION OF ALL PIPING PRIOR TO CONCEALMENT. DRAWINGS SHALL BE GIVEN TO THE OWNER UPON COMPLETION OF THE PROJECT WITH A COPY OF THE TRANSMITTAL LETTER TO THE ENGINEER.
- 16. IF DEPARTURES FROM THE SPECIFICATIONS OR DRAWINGS ARE DEEMED NECESSARY BY THE CONTRACTOR, DETAILS OF SUCH DEPARTURES AND REASONS THEREOF SHALL BE GIVEN TO THE OWNER FOR REVIEW. NO DEPARTURES FROM THE CONTRACT DOCUMENTS SHALL BE MADE WITHOUT THE PERMISSION OF THE OWNER, THE TOWN OF BOILING SPRING LAKES OR BRUNSWICK
- . CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF ALL UNDERGROUND UTILITIES. THE LOCATION OF ALL EXISTING UTILITIES ARE NOT NECESSARILY SHOWN ON PLANS AND WHERE SHOWN ARE ONLY APPROXIMATE. THE CONTRACTOR SHALL ON HIS INITIATIVE AND AT NO EXTRA COST HAVE LOCATED ALL UNDERGROUND LINES AND STRUCTURES AS NECESSARY. NO CLAIMS FOR DAMAGES OR EXTRA COMPENSATION SHALL ACCRUE TO THE CONTRACTOR FROM THE PRESENCE OF SUCH PIPE OTHER OBSTRUCTIONS OR FROM DELAY DUE TO REMOVAL OR REARRANGEMENT OF THE SAME. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO UNDERGROUND STRUCTURES. CONTACT NORTH CAROLINA ONE CALL" TOLL FREE 1-800-632-4949 AT LEAST 48 HOURS PRIOR TO CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL NONSUBSCRIBING UTILITIES.
- 18. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL INSPECTIONS, CERTIFICATIONS, EQUIPMENT, ETC., THAT MAY BE REQUIRED.
- 19. THE ENGINEER AND/OR OWNER DISCLAIM ANY ROLE IN THE CONSTRUCTION MEANS AND METHODS ASSOCIATED WITH THE PROJECT AS SET FORTH IN THESE PLANS.
- 20. ALL LOT STRIPING AND DIRECTIONAL ARROWS TO BE REFLECTIVE MARKINGS AND SHALL CONFORM TO MUTCD. ALL PARKING STALL MARKINGS AND LANE ARROWS WITHIN THE PARKING AREAS SHALL
- . LANDSCAPE PLANTINGS AT ENTRANCE/ EXITS WILL BE INSTALLED AND MAINTAINED SO AS NOT TO INTERFERE WITH SIGHT DISTANCE NEEDS OF DRIVERS IN THE PARKING AREA AND AT ENTRANCE/EXIT LOCATIONS PER LOCAL STANDARDS.
- 22. ALL DIMENSIONS AND RADII ARE TO OUTSIDE FACE OF BUILDING OR TO FACE OF CURB UNLESS OTHERWISE NOTED

TRAFFIC NOTES:

- ALL PAVEMENT MARKINGS IN PUBLIC RIGHTS-OF-WAY & FOR DRIVEWAY(S) ARE TO BE THERMOPLASTIC & MEET CITY OF BOILING SPRING LAKES AND/OR NCDOT STANDARDS.
- TRAFFIC CONTROL DEVICES (INCLUDING SIGNS AND PAVEMENT MARKINGS) IN AREAS OPEN TO PUBLIC TRAFFIC ARE TO MEET MUTCD (MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES) STANDARDS.
- . ALL TRAFFIC CONTROL SIGNS AND MARKINGS NOT WITHIN THE PUBLIC RIGHT-OF-WAY ARE TO BE MAINTAINED BY THE PROPERTY OWNER IN ACCORDANCE WITH MUTCD STANDARDS.
- 4. ALL PARKING STALL MARKINGS AND LANE ARROWS WITHIN THE PARKING AREAS SHALL BE WHITE.
- 5. ANY OPEN CUTTING OF A CITY STREET REQUIRES A UTILITY CUT PERMIT. CONTACT CITY OF BOILING SPRING LAKES PLANNING & INSPECTIONS DEPARTMENT AT 910-294-0996 FOR MORE DETAILS.
- ANY BROKEN OR MISSING SIDEWALK PANELS, DRIVEWAY PANELS AND/OR CURBING SHALL BE
- 8. TACTILE WARNING MATS TO BE INSTALLED AT ALL WHEELCHAIR RAMPS AND CURB CUTS.

GENERAL EROSION AND SEDIMENT CONTROL NOTES:

- 1. THE EROSION CONTROL PLAN SHALL INCLUDE PROVISIONS FOR GROUNDCOVER ON ALL EXPOSED PERIMETER DIKES, SWALES, DITCHES, PERIMETER SLOPES AND ALL SLOPES STEEPER THAN 3:1 WITHIN 7 CALENDAR DAYS FROM THE LAST LAND DISTURBING ACTIVITY. GROUND COVER SHALL BE PROVIDED ON PROJECT IS DEVELOPED: WHETHER AS A WHOLE OR IN PHASES. ANY FROSION CONTROL ALL OTHER DISTURBED AREAS WITHIN 14 CALENDAR DAYS FROM THE LAST LAND DISTURBING ACTIVITY.
- 2. UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE MINIMUM STANDARDS AND SPECIFICATIONS OF THE NORTH CAROLINA EROSION AND SEDIMENT CONTROL HANDBOOK. (NO SEPARATE PAYMENT)
- 3. THE CONTRACTOR SHALL NOTIFY PLAN APPROVING AUTHORITY ONE WEEK PRIOR TO THE PRE-CONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING
- ACTIVITY, AND ONE WEEK PRIOR TO FINAL INSPECTION. 4. ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PLACED PRIOR TO CLEARING AND/OR
- 5. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN AND PERMIT SHALL BE MAINTAINED ON THE SITE AT ALL TIMES. PRIOR TO COMMENCING LAND DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE

PLANS (INCLUDING, BUT NOT LIMITED TO OFF-SITE BORROW OR WASTE AREAS STAGING OR STORAGE

AREAS), THE CONTRACTOR SHALL PREPARE AND SUBMIT A SUPPLEMENTARY EROSION CONTROL PLAN

TO THE OWNER FOR REVIEW AND TO NEW HANOVER COUNTY FOR APPROVAL. CONTRACTOR SHALL PAY

CONTRACTOR SHALL PROVIDE THE OWNER AND THE ENGINEER A COPY OF THE AMENDED PERMIT. 7. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY EITHER THE

ALL FEES REQUIRED AND SHALL INSTALL NECESSARY MEASURES AT NO SEPARATE PAYMENT. THE

- REVIEWING AGENCY OR THE ENGINEER. (NO SEPARATE PAYMENT). 8. ALL DISTURBED AREAS ARE TO DRAIN TO APPROVED SEDIMENT CONTROL MEASURES AT ALL TIMES
- DURING LAND DISTURBING ACTIVITIES AND DURING SITE DEVELOPMENT UNTIL FINAL STABILIZATION IS
- SEEDED AS INDICATED AND STABILIZED.

9. ALL AREAS DISTURBED BY CONSTRUCTION UNLESS OTHERWISE IMPROVED SHALL BE SODDED OR

10. DURING DEWATERING OPERATIONS, WATER SHALL BE PUMPED INTO AN APPROVED FILTERING DEVICE PRIOR TO DISCHARGE TO RECEIVING OUTLET.

THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES PERIODICALLY AND AFTER EACH

- RUNOFF-PRODUCING EVENT. ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF THE EROSION CONTROL DEVICES SHALL BE MADE IMMEDIATELY. 12. ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED BY CONTRACTOR ONCE
- STABILIZATION OR A SUFFICIENT GROUND COVER HAS BEEN ESTABLISHED OR AS DIRECTED BY THE ENGINEER. (NO SEPARATE PAYMENT). NCDENR'S FINAL APPROVAL IS REQUIRED. 13 TEMPORARY GRAVEL CONSTRUCTION ENTRANCE SHALL BE REQUIRED AT ALL CONSTRUCTION STAGING
- AREA ENTRANCES AND ALL CONSTRUCTION ACCESS LOCATIONS INTO NON-PAVED AREA. (NO SEPARATE 14. WHEN CROSSING CREEK OR DRAINAGE-WAY, THE DIVISION OF WATER QUALITY SHALL BE CONTACTED

PRIOR TO DISTURBING A CREEK. THE CONTRACTOR SHALL INSTALL RIP-RAP WITH FABRIC ALONG DISTURBED BANKS AND CHANNEL AND RESTORE SLOPES TO ORIGINAL CONTOURS, BUT NOT STEEPER THAN 2:1 MAXIMUM. DISTURBED CREEK AREA SHALL BE STABILIZED IMMEDIATELY.

- CONTRACTOR TO COORDINATE WITH THE OWNER TO PROPERLY MAINTAIN OR RELOCATE EXISTING SERVICE CONNECTIONS WHEN NECESSARY.
- CONTRACTOR IS TO WALK THE SITE AND BECOME FAMILIAR WITH THE SCOPE OF DEMOLITION REQUIRED. ALL DEMOLITION WORK REQUIRED TO CONSTRUCT NEW SITE IMPROVEMENTS WILL BE PERFORMED BY THE CONTRACTOR AND WILL BE CONSIDERED UNCLASSIFIED EXCAVATION.
- DEMOLITION SHALL INCLUDE BUT IS NOT LIMITED TO THE EXCAVATION, HAULING AND OFFSITE DISPOSAL OF CONCRETE PADS, CONCRETE DITCHES, FOUNDATIONS, SLABS, STEPS, AND STRUCTURES: ABANDONED UTILITIES, BUILDINGS, PAVEMENTS AND ALL MATERIALS CLEARED AND STRIPPED TO THE EXTENT NECESSARY AS DIRECTED BY THE GEOTECHNICAL ENGINEER FOR THE INSTALLATION OF THE NEW IMPROVEMENTS AND WITHIN THE LIMITS OF CLEARING AND GRADING AND
- THE CONTRACTOR SHALL PROTECT ALL ADJACENT PROPERTY, STRUCTURES AND UTILITIES ON THE PROPERTY NOT TO BE DEMOLISHED. DAMAGE TO PROPERTIES OF OTHERS DUE TO THE CONTRACTOR'S ACTIVITIES SHALL BE REPLACED IN KIND BY THE CONTRACTOR AT NO COST TO
- ELECTRIC, TELEPHONE, SANITARY SEWER, WATER AND STORM SEWER UTILITIES THAT SERVICE OFF-SITE PROPERTIES SHALL BE MAINTAINED DURING THE CONSTRUCTION PROCESS BY THE CONTRACTOR.
- THE CONTRACTOR SHALL PRODUCE A PHOTOGRAPHIC RECORD (DIGITAL) OF DEVELOPMENT COMMENCING WITH A RECORD OF THE SITE AS IT APPEARS BEFORE DEMOLITION HAS BEGUN. AFTERWARDS, A PHOTOGRAPHIC RECORD SHALL BE MAINTAINED WEEKLY DURING CONSTRUCTION AND ENDING WITH A PHOTOGRAPHIC RECORD OF THE DEVELOPMENT AS IT APPEARS AFTER DEMOLITION. THIS RECORD SHALL BE DELIVERED TO THE OWNER.
- EXISTING CURB AND GUTTER, LIGHTS, SIDEWALK, AND UTILITIES NOT INTENDED FOR DEMOLITION SHALL BE MAINTAINED. PROTECTED AND UNDISTURBED DURING DEMOLITION.
- ALL EXISTING IMPROVEMENTS INDICATED OR REQUIRED TO BE DEMOLISHED SHALL INCLUDE REMOVAL FROM THE PROPERTY AND PROPER DISPOSAL.
- CONTRACTOR SHALL COORDINATE RELOCATION OF ALL EXISTING OVERHEAD AND UNDERGROUND UTILITIES INCLUDING CABLE, GAS, TELEPHONE AND ELECTRIC AND ANY OTHER UTILITIES THROUGH THE SITE WITH THE RESPECTIVE COMPANIES
- 10. CONTRACTOR SHALL MAINTAIN REQUIRED DISTANCES FROM HIGH VOLTAGE OVERHEAD LINES AND REMOVE TREES SO THEY DO NOT FALL TOWARDS OVERHEAD ELECTRICITY.
- PROVIDE SMOOTH SAW CUT OF EXISTING PAVEMENTS, CURBS AND GUTTERS AND SIDEWALKS TO BE DEMOLISHED.
- ALL DEMOLITION WORK SHALL BE DONE IN STRICT ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS AS WELL AS OSHA REGULATIONS
- EXISTING FIRE HYDRANTS ON OR NEAR THE SITE ARE TO REMAIN IN SERVICE.
- INFORMATION CONCERNING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS. BUT THE CONTRACTOR MUST DETERMINE THE EXACT LOCATION AND ELEVATIONS.

EROSION CONTROL AND SEQUENCE OF CONSTRUCTION NOTES:

NOTE: THESE EROSION CONTROL AND SEQUENCE OF CONSTRUCTION NOTES ARE INTENDED FOR EACH "PHASE" OF CONSTRUCTION. THE ORDER AND STEPS TAKEN MUST BE IMPLEMENTED AS EACH PART OF THE DEVICES/MEASURES MUST REMAIN IN PLACE UNTIL THE ENTIRE DISTURBANCE IS STABILIZED AND ALL IMPROVEMENTS WITHIN THE DISTURBANCE LIMITS ARE COMPLETE.

- 1. CONSTRUCT TEMPORARY GRAVEL CONSTRUCTION ENTRANCE(S), ESTABLISH THE LIMITS OF DISTURBANCE, TREE PROTECTION FENCING, AND TEMPORARY SILT FENCE.
- 2. CLEAR AND REMOVE FROM SITE TREES AS DESIGNATED, ROOTS, ROOT MAT, ETC. FROM THE AREA WITHIN THE DESIGNATED CLEARING LIMITS.
- 3. CONSTRUCT TEMPORARY SEDIMENT BASIN(S) AND ASSOCIATED SKIMMER, OUTLET PIPE, SPILLWAY, ETC. 4. INSTALL REMAINING EROSION CONTROL MEASURES AS SHOWN ON THE PLANS WITHIN THE AREA DISTURBED. ALL EROSION CONTROL MEASURES MUST BE INSTALLED BEFORE COMMENCING
- 5. PLANT GRASS OVER ALL GRADED AREAS WITHIN 14 WORKING DAYS OF CEASE OF ANY GRADING
- IMMEDIATELY UPON THE INSTALLATION OF ANY STORM DRAINAGE CATCH BASIN, DROP INLET, ETC., THE CONTRACTOR SHALL INSTALL INLET PROTECTION TO PREVENT SEDIMENT FROM ENTERING THE DRAINAGE SYSTEM
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING AND RESTORING TO PRE-CONSTRUCTION CONDITIONS ANY AREAS OUTSIDE THE PROJECT LIMITS THAT MAY INADVERTENTLY BE DAMAGED DUE TO THE FAILURE OF THE EROSION CONTROL MEASURES.
- 8. DURING GRADING AND AFTER GRADING HAS BEEN COMPLETE, THE CONTRACTOR SHALL CONTINUE TO MAINTAIN PERMANENT AND TEMPORARY EROSION CONTROL MEASURES UNTIL FINAL APPROVAL BY
- ENGINEER OR EROSION CONTROL INSPECTOR. 9. UPON RECEIVING FINAL APPROVAL, THE CONTRACTOR CAN REMOVE TEMPORARY EROSION CONTROL
- 10. THE CONTRACTOR SHALL CONTINUE TO WATER, FERTILIZE, MOW AND MAINTAIN GRASS & PLANTED AREAS UNTIL ALL CONSTRUCTION IS COMPLETE.

EROSION CONTROL MAINTENANCE PLAN:

- 1. ALL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CHECKED FOR STABILITY AND OPERATION FOLLOWING EVERY 1/2-INCH OR GREATER RAINFALL BUT IN NO CASE LESS THAN ONCE EVERY WEEK. ANY NEEDED REPAIRS WILL BE MADE IMMEDIATELY TO MAINTAIN ALL PRACTICES AS DESIGNED
- 2. SEDIMENT FENCE / SEDIMENT FENCE OUTLETS SEDIMENT WILL BE REMOVED BEHIND THE SEDIMENT FENCE WHEN IT BECOMES HALF-FILLED. THE SEDIMENT FENCE WILL BE BE REPAIRED AS NECESSARY TO MAINTAIN A BARRIER. STAKES MUST BE STEEL. AND SPACED 6 FEFT WITH EXTRA STRENGTH FABRIC AND NO WIRE BACKING. STAKE SPACING CAN BE 8 FEET WHEN STANDARD STRENGTH FABRIC AND WIRE BACKING ARE USED, IF ROCK FILTERS (OR EXCELSIOR WATTLES) ARE DESIGNED AT LOW POINTS IN THE SEDIMENT FENCE THE ROCK OR WATTLE WILL BE REPAIRED OR REPLACED IF IT BECOMES HALF FULL OF SEDIMENT, NO LONGER DRAINS, OR IS DAMAGED.
- ALL SEEDED AREAS WILL BE FERTILIZED, RESEEDED AS NECESSARY, AND MULCHED ACCORDING TO SPECIFICATIONS ON THESE PLANS AND CONTRACT SPECIFICATIONS TO MAINTAIN A VIGOROUS, DENSE VEGETATIVE COVER.

PERMANENT SEEDING					
GRASS TYPE	LBS/ ACRE	TIME OF SEEDING	FERTILIZER LIMESTONE		
BERMUDA, HULLED BERMUDA, UNHULLED	10-20 35	MARCH - AUGUST SEPT FEB.	BY SOIL TEST		
CENTIPEDE	10	MARCH - AUGUST	BY SOIL TEST (NO HIGH PH)		
TALL FESCUE (COASTAL CULTIVAR RECOMMENDED)	50	MARCH - AUGUST	300 LB/AC 10-20-20 OR BY SOIL TEST		
SLOPES >= 2:1 CENTIPEDE SERICEA LESPEDEZA	5 20	JAN - DEC	BY SOIL TEST		

TEMPORARY SEEDING				
GRASS TYPE	LBS/ ACRE	TIME OF SEEDING	FERTILIZER LIMESTONE	
RYE GRAIN	50	OCT APR.	400 LBS/AC. 10-20-20	
SWEET SUDAN GRASS	50	JUNE - AUGUST	400 LBS/AC. 10-20-20	
GERMAN or BROWNTOP MILLET	50	JUNE - AUGUST	400 LBS/AC. 10-20-20	
STRAW MULCH AS NEEDED	4,000			

IN THE EVENT THAT THE GOVERNING AGENCIES TIMEFRAME FOR STABILIZATION VARY, CONTRACTOR SHALL MEET THE MORE STRINGENT REQUIREMENT.

NC ACCESSIBILITY NOTES:

- SPECIAL ATTENTION SHALL BE GIVEN TO COMPLIANCE WITH AMERICANS WITH DISABILITIES ACT (2010 ADA STANDARDS), THE NORTH CAROLINA BUILDING CODE/ANSI A117.1, AND APPLICABLE LOCAL LAWS &
- 2. IT IS ESSENTIAL THAT CONTRACTORS ARE AWARE OF THE SITE ACCESSIBILITY REQUIREMENTS. PARAMOUNTE ENGINEERING HAS DEVELOPED THESE NOTES AND DETAILS TO ASSURE THAT CONTRACTORS ARE AWARE OF THE REQUIREMENTS AT THE POINT IN TIME WHEN THEY ARE BIDDING THE PROJECT. IN ADDITION, PARAMOUNTE ENGINEERING HAS MADE A POINT IN THESE NOTES AND DETAILS, AS WELL AS IN OUR DRAWINGS, TO PROVIDE SLOPES / GRADES AND DIMENSIONS THAT COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (2010 ADA STANDARDS), THE NORTH CAROLINA BUILDING CODE/ANSI A117.1 AND APPLICABLE LOCAL LAWS & REGULATIONS. IF THESE SLOPES / GRADES AND DIMENSIONS ARE NOT ACHIEVABLE, THE CONTRACTOR IS REQUIRED TO CONTACT THE OWNER IMMEDIATELY AND BEFORE MOVING FORWARD WITH THE WORK.
- THE CONTRACTOR SHALL NOTIFY PARAMOUNTE ENGINEERING IMMEDIATELY OF ANY CONFLICT BETWEEN THESE NOTES AND DETAILS AND OTHER PROJECT DRAWINGS, WHETHER BY PARAMOUNTE ENGINEERING OR OTHERS. THE CONTRACTOR SHALL NOT PROCEED WITH THE WORK FOR WHICH THE ALLEGED CONFLICT HAS BEEN DISCOVERED UNTIL SUCH ALLEGED CONFLICT HAS BEEN RESOLVED. NO CLAIM SHALL BE MADE BY THE CONTRACTOR FOR DELAY OR DAMAGES AS A RESULT OF RESOLUTION OF ANY SUCH CONFLICT(S).
- 4. THESE ACCESSIBILITY NOTES AND DETAILS ARE INTENDED TO DEPICT SLOPE AND DIMENSIONAL REQUIREMENTS ONLY. REFER TO SIDEWALK, CURBING, AND PAVEMENT DETAILS FOR ADDITIONAL

ACCESSIBLE ROUTE NOTES:

- AT LEAST ONE ACCESSIBLE ROUTE SHALL BE PROVIDED WITHIN THE SITE FROM ACCESSIBLE PARKING SPACES AND ACCESSIBLE PASSENGER LOADING ZONES; PUBLIC STREETS OR SIDEWALKS; AND PUBLIC TRANSPORTATION STOPS TO THE ACCESSIBLE BUILDING OR FACILITY ENTRANCE THEY SERVE.
- 2. AT LEAST ONE ACCESSIBLE ROUTE SHALL CONNECT ACCESSIBLE BUILDINGS, ACCESSIBLE FACILITIES, ACCESSIBLE ELEMENTS, AND ACCESSIBLE SPACES THAT ARE ON THE SAME SITE.
- 3. WALKING SURFACES THAT ARE PART OF AN ACCESSIBLE ROUTE SHALL HAVE A MAXIMUM RUNNING SLOPE OF 5.0% AND A MAXIMUM CROSS SLOPE OF 2.0%.
- 4. ANY WALKING SURFACE THAT IS PART OF AN ACCESSIBLE ROUTE WITH A RUNNING SLOPE GREATER THAN 5.0% IS A RAMP AND SHALL COMPLY WITH THE GUIDELINES FOR RAMPS OR CURB RAMPS.
- TRANSITIONS BETWEEN RAMPS, WALKS, LANDINGS, GUTTERS OR STREETS SHALL BE FLUSHAND FREE OF ABRUPT VERTICAL CHANGES (1/4 INCH MAXIMUM VERTICAL CHANGE IN LEVEL PERMITTED).
- 6. FLOOR SURFACES SHALL BE STABLE, FIRM AND SLIP RESISTANT.
- THE MINIMUM CLEAR WIDTH OF EXTERIOR ACCESSIBLE ROUTES SHALL BE FORTY-EIGHT (48) INCHES MINIMUM MEASURED BETWEEN HANDRAILS WHERE HANDRAILS ARE PROVIDED (NC BUILDING CODE
- WHERE AN ACCESSIBLE ROUTE MAKES A 180 DEGREE TURN AROUND AN OBJECT THAT IS LESS THAN FORTY-EIGHT (48) INCHES IN WIDTH, CLEAR WIDTH SHALL BE FORTY-TWO (42) INCHES MINIMUM APPROACHING THE TURN, FORTY-EIGHT (48) INCHES MINIMUM DURING THE TURN, AND FORTY-TWO (42) INCHES MINIMUM LEAVING THE TURN. THE CLEAR WIDTH APPROACHING AND LEAVING THE TURN MAY BE THIRTY-SIX (36) INCHES MINIMUM WHEN THE CLEAR WIDTH AT THE TURN IS SIXTY (60) INCHES MINIMUM. * SEE NOTE 7 ABOVE FOR NC CLEAR WIDTH OF EXTERIOR ACCESSIBLE ROUTES*
- 9. AN ACCESSIBLE ROUTE WITH A CLEAR WIDTH LESS THAN SIXTY (60) INCHES SHALLPROVIDE PASSING SPACES AT INTERVALS OF TWO HUNDRED (200) FEET MAXIMUM. PASSING SPACES SHALL BE EITHER A SIXTY (60) INCH MINIMUM BY SIXTY (60) INCH MINIMUM SPACE; OR AN INTERSECTION OF TWO (2) WALKING SURFACES THAT PROVIDE A COMPLIANT T-SHAPED TURNING SPACE, PROVIDED THE BASE AND ARMS OF THE T-SHAPED SPACE EXTEND FORTY-EIGHT (48) INCHES MINIMUM BEYOND THE INTERSECTION
- 10. DOORS, DOORWAYS AND GATES THAT ARE PART OF AN ACCESSIBLE ROUTE SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (2010 ADA STANDARDS), THE NORTH CAROLINA BUILDING CODE/ ANSI A117.1, AND APPLICABLE LOCAL LAWS & REGULATIONS.
- 11. DIRECTIONAL SIGNAGE INDICATING THE ROUTE TO THE NEAREST ACCESSIBLE BUILDING ENTRANCE SHALL BE PROVIDED AT INACCESSIBLE BUILDING ENTRANCES.
- 12. WHERE POSSIBLE, DRAINAGE INLETS SHALL NOT BE LOCATED ON AN ACCESSIBLE ROUTE. IN THE EVENT THAT A DRAINAGE INLET MUST BE LOCATED ON AN ACCESSIBLE ROUTE, THE GRATE SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (2010 ADA STANDARDS), A117.1, THE NC BUILDING CODE, AND APPLICABLE LOCAL LAWS & REGULATIONS

- 1. ANY PART OF AN ACCESSIBLE ROUTE WITH A RUNNING SLOPE GREATER THAN 5% SHALL BE CONSIDERED A RAMP.
- 2. THE MAXIMUM RUNNING SLOPE FOR A RAMP SHALL BE 8.33% AND THE MAXIMUM CROSS SLOPE SHALL
- 3. THE CLEAR WIDTH OF AN EXTERIOR RAMP RUN SHALL BE FORTY EIGHT INCHES (NC BUILDING CODE 1104.1). WHERE HANDRAILS ARE PROVIDED ON THE RAMP RUN, THE CLEAR WIDTH SHALL BE MEASURED BETWEEN THE HANDRAILS.
- 4. THE RISE FOR ANY RAMP RUN SHALL BE THIRTY (30) INCHES MAXIMUM.
- 5. LANDINGS SHALL BE PROVIDED AT THE TOP AND BOTTOM OF RAMPS. LANDINGS SHALL HAVE A SLOPE NOT STEEPER THAN 2.0% IN ANY DIRECTION. THE LANDING CLEAR WIDTH SHALL BE AT LEAST AS WIDE AS THE WIDEST RAMP RUN LEADING TO THE LANDING. THE LANDING CLEAR LENGTH SHALL BE SIXTY (60) INCHES LONG MINIMUM. RAMPS THAT CHANGE DIRECTION BETWEEN RUNS AT LANDINGS SHALL HAVE A CLEAR LANDING OF SIXTY (60) INCHES BY SIXTY (60) INCHES MINIMUM.
- 6. RAMP RUNS WITH A RISE GREATER THAN SIX (6) INCHES SHALL HAVE HANDRAILS ON BOTH SIDES COMPLYING WITH THE AMERICANS WITH DISABILITIES ACT (2010 ADA STANDARDS), THE NC BUILDING CODE/ANSI A117.1. AND APPLICABLE LOCAL LAWS & REGULATIONS.
- 7. FLOOR SURFACES OF RAMPS AND LANDINGS SHALL BE STABLE, FIRM AND SLIP RESISTANT.
- 8. EDGE PROTECTION COMPLYING WITH AMERICANS WITH DISABILITIES ACT (2010 ADA STANDARDS). THE NC BUILDING CODE/ANSI A117.1. AND APPLICABLE LOCAL LAWS & REGULATIONS SHALL BE PROVIDED ON EACH SIDE OF RAMP RUNS AND ON EACH SIDE OF RAMP LANDINGS.
- WHERE DOORWAYS ARE LOCATED ADJACENT TO A RAMP LANDING, MANEUVERING CLEARANCES REQUIRED BY THE AMERICANS WITH DISABILITIES ACT (2010 ADA STANDARDS). THE NC BUILDING CODE/ANSI A117.1 SHALL BE PERMITTED TO OVERLAP THE REQUIRED LANDING AREA. WHERE DOORS THAT ARE SUBJECT TO LOCKING ARE ADJACENT TO A RAMP LANDING, LANDINGS SHALL BE SIZED TO PROVIDE A COMPLIANT TURNING SPACE.

CURB RAMP NOTES:

- 1. THE MAXIMUM RUNNING SLOPE OF A CURB RAMP SHALL BE 8.33% AND THE MAXIMUM CROSS SLOPE
- 2. COUNTER SLOPES OF ADJOINING GUTTERS AND ROAD SURFACES IMMEDIATELY ADJACENT TO THE CURB RAMP SHALL NOT BE STEEPER THAN 5%. THE ADJACENT SURFACES AT TRANSITIONS AT CURB RAMPS TO WALKS, GUTTERS AND STREETS SHALL BE AT THE SAME LEVEL.
- 3. THE CLEAR WIDTH OF A CURB RAMP SHALL BE 36 INCHES (36) MINIMUM, EXCLUSIVE OF FLARED SIDES, IF PROVIDED. *NOTE NC BUILDING CODE REQUIRES EXTERIOR ACCESSIBLE ROUTES TO BE 48 INCHES MINIMUM WIDE (1104.1 & 1104.2).*
- 4. LANDINGS SHALL BE PROVIDED AT THE TOP OF CURB RAMPS. THE CLEAR LENGTH OF THE LANDING SHALL BE THIRTY-SIX (36) INCHES MINIMUM. THE CLEAR WIDTH OF THE LANDING SHALL BE AT LEAST AS WIDE AS THE CURB RAMP, EXCLUDING FLARED SIDES, LEADING TO THE LANDING. LANDINGS SHALL HAVE A SLOPE NOT STEEPER THAN 2% IN ANY DIRECTION.
- 5. IF A CURB RAMP IS LOCATED WHERE PEDESTRIANS MUST WALK ACROSS THE RAMP, OR WHERE IT IS NOT PROTECTED BY HANDRAILS OR GUARDRAILS, IT SHALL HAVE FLARED SIDES.
- 6. WHERE PROVIDED, CURB RAMP FLARES SHALL NOT EXCEED 10%.
- 7. CURB RAMPS AND THE FLARED SIDES OF CURB RAMPS SHALL BE LOCATED SO THAT THEY DO NOT PROJECT INTO VEHICULAR TRAFFIC LANES, PARKING SPACES OR PARKING ACCESS AISLES. CURBS AT MARKED CROSSINGS SHALL BE WHOLLY CONTAINED WITHIN THE MARKINGS, EXCLUDING ANY FLARED
- 8. CURB RAMPS SHALL BE LOCATED OR PROTECTED TO PREVENT THEIR OBSTRUCTION BY PARKED
- 9. IT IS RECOMMENDED TO PROVIDE CURB RAMPS WITH A TWENTY-FOUR (24) INCH DEEP DETECTABLE WARNING COMPLYING WITH 406.12 A117.1, EXTENDING THE FULL WIDTH OF THE RAMP. REFERTO DETECTABLE WARNING DETAILS AND NOTES FOR PLACEMENT, ORIENTATION AND NOTES. THE NC BUILDING CODE DOES NOT CURRENTLY REQUIRE DETECTABLE WARNINGS AT CURB RAMPS, NOR DO THE 2010 ADA STANDARDS - HOWEVER US DOT ADA REGULATIONS DO REQUIRE THESE.
- 10. FLOOR SURFACES OF CURB RAMPS SHALL BE DEEP GROOVED, ½ INCH WIDE BY ¼ INCH DEEP, ONE (1) INCH CENTERS TRANSVERSE TO THE RAMP.
- 11. WHERE PROVIDED, STOP LINES SHALL BE LOCATED IN ADVANCE OF CURB RAMP.
- 12. WHERE PROVIDED, PEDESTRIAN ACTIVATED SIGNALS SHALL BE LOCATED ADJACENT TO THE SIDEWALK AND NOT ON THE SIDEWALK.

13. WHERE PROVIDED, DRAINAGE INLETS SHALL BE LOCATED UPSTREAM OF CURB RAMPS AND NOT IN THE

14. CURB RAMP TYPE AND LOCATION ARE PER PLAN.

NC ACCESSIBILITY NOTES CONTD.

PARKING SPACE NOTES:

- ACCESSIBLE PARKING SPACES SHALL BE LOCATED ON THE SHORTEST ACCESSIBLE ROUTES OF TRAVEL FROM ADJACENT PARKING TO AN ACCESSIBLE BUILDING ENTRANCE.
- ACCESSIBLE PARKING SPACES SHALL BE AT LEAST NINETY-SIX (96) INCHES WIDE. ACCESS AISLES SHAL BE 60 INCHES WIDE. ONE OF SIX ACCESSIBLE SPACES SHOULD PROVIDE A VAN ACCESSIBLE AISLE. THE AISLE SHOULD BE 96 INCHES WIDE (OR ACCESSIBLE SPACE IS 11 FEET AND ACCESS AISLE IS FIVE FEET). WHERE PARKING SPACES AND ACCESS AISLES ARE MARKED WITH LINES. THE WIDTH MEASUREMENTS. SHALL BE MADE FROM CENTERLINE OF THE MARKINGS. WHERE PARKING SPACES OR ACCESS AISLES ARE NOT ADJACENT TO ANOTHER PARKING SPACE OR ACCESS AISLES, MEASUREMENTS SHALL BE PERMITTED TO INCLUDE THE FULL WIDTH OF THE LINE DEFINING THE PARKING SPACE OR ACCESS AISLE
- 3. PARKING ACCESS AISLES SHALL BE PART OF AN ACCESSIBLE ROUTE TO THE BUILDING OR FACILITY ENTRANCE AND SHALL COMPLY WITH PROVISIONS FORACCESSIBLE ROUTES. MARKED CROSSINGS SHALL BE PROVIDED WHERE THE ACCESSIBLE ROUTE MUST CROSS VEHICULAR TRAFFIC LANES. WHERE POSSIBLE. IT IS PREFERABLE THAT THE ACCESSIBLE ROUTE NOT PASS BEHIND PARKED VEHICLES.
- 4. TWO (2) ACCESSIBLE PARKING SPACES MAY SHARE A COMMON ACCESS AISLE
- 5. ACCESS AISLES SHALL EXTEND THE FULL LENGTH OF THE PARKING SPACE THEY SERVE.
- ACCESS AISLES SHALL BE MARKED SO AS TO DISCOURAGE PARKING IN THEM.
- 7. ACCESS AISLES SHALL NOT OVERLAP THE VEHICULAR WAY. ACCESS AISLES SHALL BE PERMITTED TO BE PLACED ON EITHER SIDE OF THE PARKING SPACE EXCEPTFOR ANGLED VAN PARKING SPACES WHICH SHALL HAVE ACCESS AISLES LOCATED ON THE PASSENGER SIDE OF THE PARKING SPACES.
- 8. FLOOR SURFACES OF PARKING SPACES AND ACCESS AISLES SERVING THEM SHALL BE STABLE, FIRM AND SLIP RESISTANT. ACCESS AISLES SHALL BE AT THE SAME LEVEL AS THE PARKING SPACES THEY SERVE. CHANGES IN LEVEL ARE NOT PERMITTED.
- 9. PARKING SPACES AND ACCESS AISLES SHALL BE LEVEL WITH SURFACE SLOPES NOT EXCEEDING 2.0% IN
- 10. PARKED VEHICLE OVERHANGS SHALL NOT REDUCE THE REQUIRED CLEAR WIDTH OF AN ACCESSIBLE
- 11. PARKING SPACES FOR VANS AND ACCESS AISLES AND VEHICULAR ROUTES SERVING THEM SHALL PROVIDE A VERTICAL CLEARANCE OF NINETY-EIGHT (98) INCHES MINIMUM. SIGNS SHALL BE PROVIDED AT ENTRANCES TO PARKING FACILITIES INFORMING DRIVERS OF CLEARANCES AND THE LOCATION OF VAN ACCESSIBLE PARKING SPACES.
- 12. EACH ACCESSIBLE PARKING SPACE SHALL BE PROVIDED WITH SIGNAGE DISPLAYING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY. SIGNS SHALL BE INSTALLED AT A MINIMUM CLEAR HEIGHT OF SIXTY (60) INCHES ABOVE GRADE AND SHALL NOT INTERFERE WITH AN ACCESSIBLE ROUTE FROM AN ACCESS AISLE. SIGNS LOCATED WHERE THEY MAY BE HIT BY VEHICLES BEING PARKED SHALL BE INSTALLED WITH BOLLARD PROTECTION.
- 13. SIGNAGE AT ACCESSIBLE PARKING SPACES REQUIRED BY THE NC BUILDING CODE SECTION 1106.1SHALL COMPLY WITH THE REQUIREMENTS OF NORTH CAROLINA GENERAL STATUTE 20-37.6 AND 136-30 AND THE NCDOT UNIFORM MANUAL ON TRAFFIC CONTROL DEVICES. A SEPARATE SIGN IS REQUIRED FOR EACH SPACE. SIGNS TO INDICATE THE MAXIMUM PENALTY MUST BE PROVIDED AT EACH ACCESSIBLE
- SHALL BE PAINTED BLUE (OR ANOTHER COLOR THAT CAN BE DISTINGUISHED FROM PAVEMENT). PASSENGER LOADING ZONE NOTES:

1. PASSENGER LOADING ZONES SHALL PROVIDE VEHICULAR PULL-UP SPACE NINETY-SIX (96) INCHES WIDE

14. ACCESSIBLE PARKING SPACE, ACCESS AISLE STRIPING, AND INTERNATIONAL SYMBOL OF ACCESSIBILITY

- MINIMUM AND TWENTY (20) FEET LONG MINIMUM. 2. PASSENGER LOADING ZONES SHALL PROVIDE A CLEARLY MARKED ACCESS AISLE THAT IS SIXTY (60) INCHES WIDE MINIMUM AND EXTENDS THE FULL LENGTH OF THE VEHICLE PULL-UP SPACE THEY
- 3. ACCESS AISLE SHALL ADJOIN AN ACCESSIBLE ROUTE AND NOT OVERLAP THE VEHICULAR WAY.
- 4. VEHICLE PULL-UP SPACES AND ACCESS AISLES SERVING THEM SHALL BE LEVEL WITH SURFACE SLOPES NOT EXCEEDING 2.0% IN ALL DIRECTIONS. ACCESS AISLES SHALL BE AT THE SAME LEVEL AS THE VEHICLE PULL-UP SPACE THEY SERVE. CHANGES IN LEVEL ARE NOT PERMITTED.
- 5. FLOOR SURFACES OF VEHICLE PULL-UP SPACES AND ACCESS AISLES SERVING THEM SHALL BE STABLE, FIRM AND SLIP RESISTANT.
- 6. VEHICLE PULL-UP SPACES, ACCESS AISLES SERVING THEM AND A VEHICULAR ROUTE FROM AN ENTRANCE TO THE PASSENGER LOADING ZONE, AND FROM THE PASSENGER LOADING ZONE TO A VEHICULAR EXIT SERVING THEM, SHALL PROVIDE A VERTICAL CLEARANCE OF ONE HUNDRED FOURTEEN (114) INCHES MINIMUM.

1. ACCESSIBLE ENTRANCES SHALL BE PROVIDED AS REQUIRED BY THE AMERICANS WITH DISABILITIES ACT

(2010 ADA STANDARDS) AND THE NORTH CAROLINA BUILDING CODE, AND APPLICABLE LOCAL LAWS &

ACCESSIBLE ENTRANCE NOTES:

- 2. ENTRANCE DOORS, DOORWAYS AND GATES SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (2010 ADA STANDARDS) THE NC BUILDING CODE/ANSI A117.1 AND SHALL BE ON AN ACCESSIBLE GENERAL STORM SEWER NOTES
- BRUNSWICK COUNTY, AND CITY OF BOILING SPRING LAKES REQUIREMENTS AND AS SPECIFIED ON THE DRAWINGS AND IN THE PROJECT SPECIFICATIONS.

2. BEDDING FOR ALL STORM SEWER PIPE SHALL BE AS SPECIFIED ON THE

DRAWINGS AND SPECIFICATIONS. 3. ALL STORM SEWER PIPES SHOWN AS RCP ON THE PLANS SHALL BE REINFORCED CONCRETE PIPE CONFORMING TO ASTM C-76, UNLESS INDICATED OTHERWISE ON

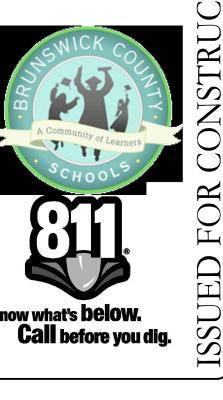
ALL STORM SEWERS SHALL BE CONSTRUCTED IN ACCORDANCE WITH NCDEQ,

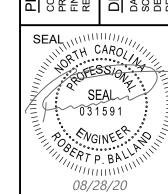
ROOF DRAIN NOTE:

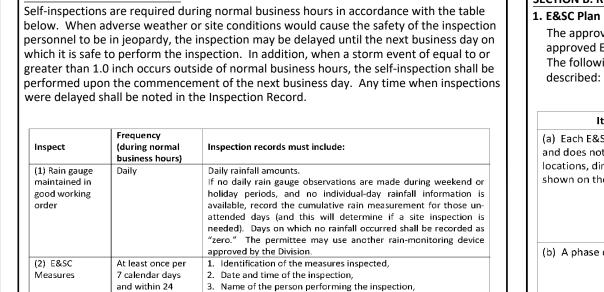
- PROPOSED BUILDING SHALL DIVERT ROOF DRAINAGE TO SPLASH PADS AS INDICATED ON THE PLANS.
- 2. FOR PROPOSED SELF-DRAINING ROOF CANOPY OVER SIDEWALK, SEE ARCHITECTURAL PLANS FOR DESIGN AND DETAILS. NO SEPARATE ROOF

DRAINS ARE REQUIRED FOR THIS CANOPY. **EXISTING UTILITY NOTES:**

- 1. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO VERIFY THE ACTUAL LOCATION AND AVAILABILITY OF ALL EXISTING AND PROPOSED UTILITIES IN THE FIELD PRIOR TO GROUND BREAKING.
- 2. EXISTING UTILITIES AND STRUCTURES SHOWN, BOTH UNDERGROUND AND ABOVE GROUND, ARE BASED ON A FIELD SURVEY AND THE BEST AVAILABLE RECORD DRAWINGS. THE CONTRACTOR SHALL FIELD VERIFY FIELD CONDITIONS PRIOR TO BEGINNING RELATED CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED TO THE OWNER'S REPRESENTATIVE IMMEDIATELY.







(4) D :	business hours)	D 11 1 C II
(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	 Identification of the measures inspected, Date and time of the inspection, Name of the person performing the inspection, Indication of whether the measures were operating properly, Description of maintenance needs for the measure, Description, evidence, and date of corrective actions taken.
(3) Stormwater 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 III, 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 or an assurance that they will be provided as soon as possible.

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

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.

In addition to the E&SC Plan documents above, the following items shall be kept on the

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:

- (a) This general permit as well as the certificate of coverage, after it is received.
- (b) 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]

Permittees shall report the following occurrences:

(a) Visible sediment deposition in a stream or wetland.

(b) Oil spills if:

They are 25 gallons or more,

- They are less than 25 gallons but cannot be cleaned up within 24 hours,
- They cause sheen on surface waters (regardless of volume), or
- They are within 100 feet of surface waters (regardless of volume).
- a) 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.
- (b) Anticipated bypasses and unanticipated bypasses.
- (c) Noncompliance with the conditions of this permit that may endanger health or the

2. Reporting Timeframes and Other Requirements

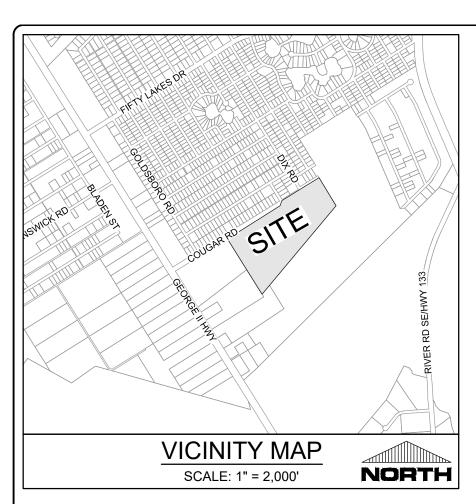
After a permittee becomes aware of an occurrence that must be reported, he shall contact the appropriate Division regional office within the timeframes and in accordance with the other requirements listed below. Occurrences outside normal business hours may also be reported to the Division's Emergency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

Occurrence	Reporting Timeframes (After Discovery) and Other Requirements
(a) Visible sediment	Within 24 hours, an oral or electronic notification.
deposition in a	Within 7 calendar days, a report that contains a description of the
stream or wetland	sediment and actions taken to address the cause of the deposition.
	Division staff may waive the requirement for a written report on a case-by-case basis.
	If the stream is named on the NC 303(d) list as impaired for sediment-
	related causes, the permittee may be required to perform additional
	monitoring, inspections or apply more stringent practices if staff
	determine that additional requirements are needed to assure compliance
	with the federal or state impaired-waters conditions.
(b) Oil spills and	Within 24 hours, an oral or electronic notification. The notification
release of	shall include information about the date, time, nature, volume and
hazardous	location of the spill or release.
substances per Item	location of the spin of release.
1(b)-(c) above	
(c) Anticipated	A report at least ten days before the date of the bypass, if possible.
bypasses [40 CFR	The report shall include an evaluation of the anticipated quality and
122.41(m)(3)]	effect of the bypass.
(d) Unanticipated	Within 24 hours, an oral or electronic notification.
bypasses [40 CFR	Within 7 calendar days, a report that includes an evaluation of the
122.41(m)(3)]	quality and effect of the bypass.
(e) Noncompliance	Within 24 hours, an oral or electronic notification.
with the conditions	Within 7 calendar days, a report that contains a description of the
of this permit that	noncompliance, and its causes; the period of noncompliance,
may endanger	
health or the	including exact dates and times, and if the noncompliance has not
environment[40	been corrected, the anticipated time noncompliance is expected to
-	continue; and steps taken or planned to reduce, eliminate, and
CFR 122.41()(7)]	prevent reoccurrence of the noncompliance. [40 CFR 122.41(I)(6).
	Division staff may waive the requirement for a written report on a
	case-by-case basis.



NCG01 SELF-INSPECTION, RECORDKEEPING AND REPORTING

EFFECTIVE: 04/01/19



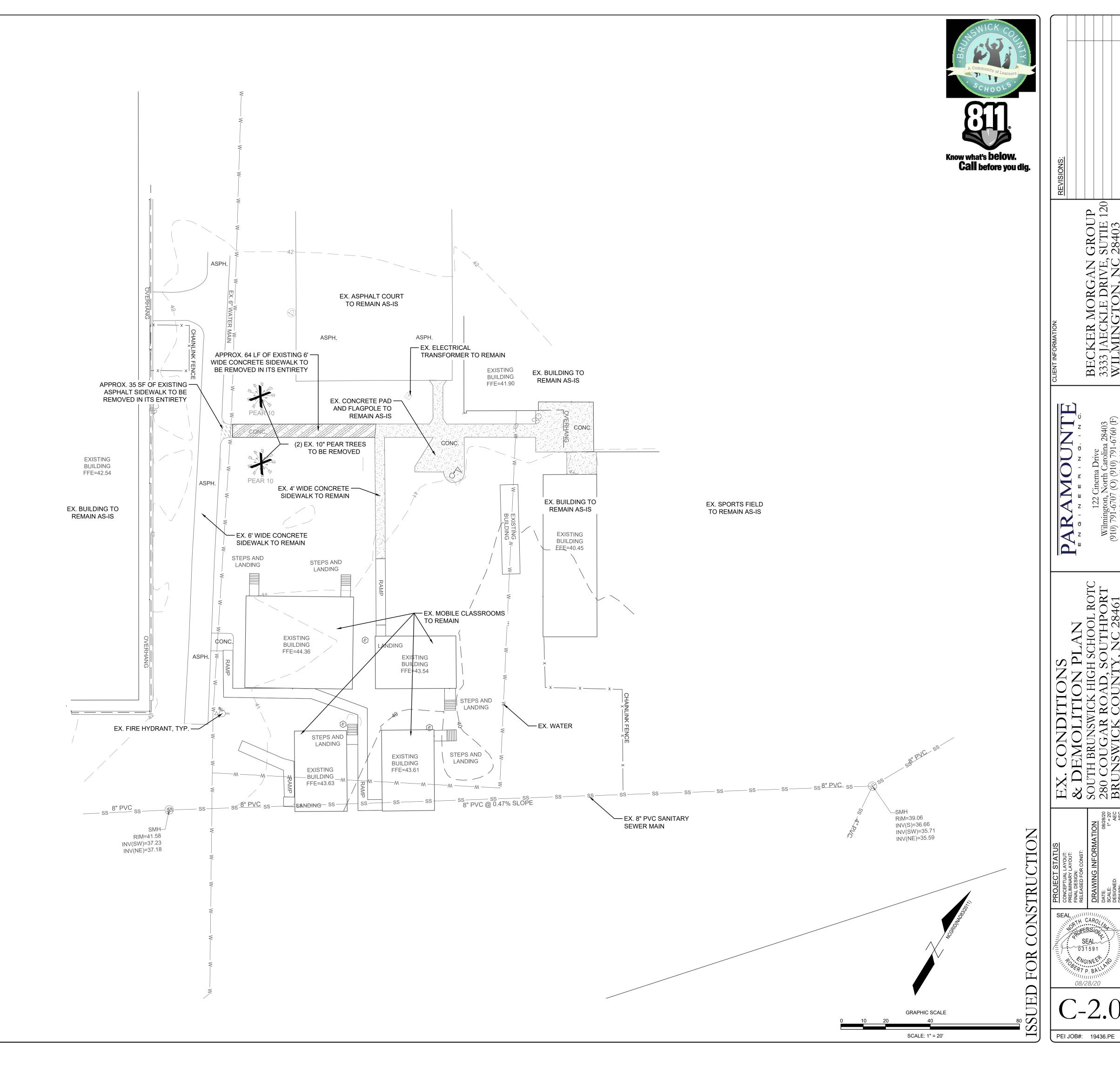
DEMOLITION NOTES:

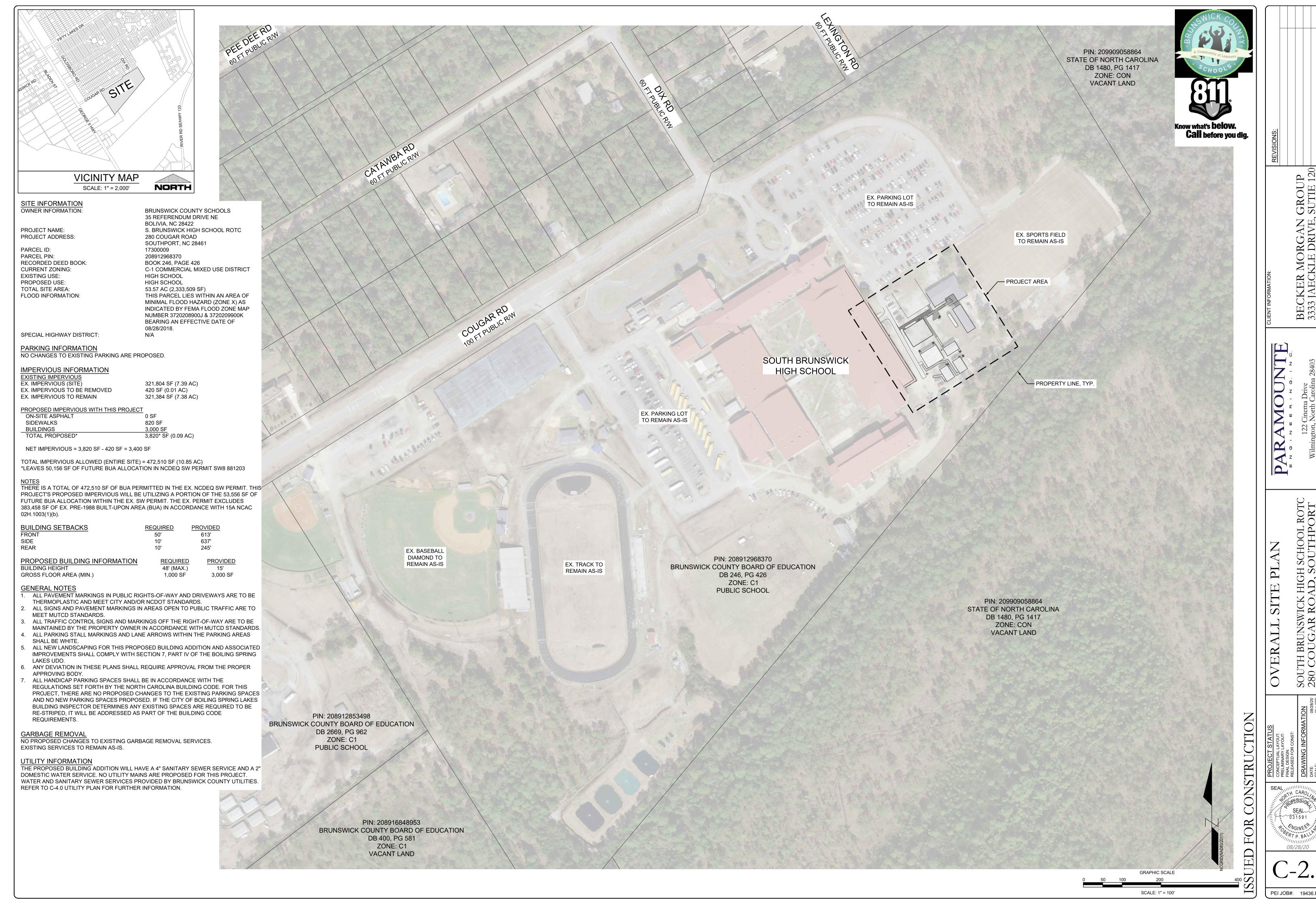
- 1. CONTRACTOR SHALL REFER TO SHEET C-1.0 GENERAL NOTES FOR DEMOLITION NOTES.
- 2. ALL UTILITIES SHALL BE ABANDONED AND/OR DEMOLISHED AND CAPPED PROPERLY IN ACCORDANCE WITH THE UTILITY OWNERS RULES AND REGULATIONS.
- 3. CONTRACTOR SHALL COORDINATE WITH SEPARATE UTILITY OWNER/PROVIDER FOR DEMOLITION.
- 4. 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.

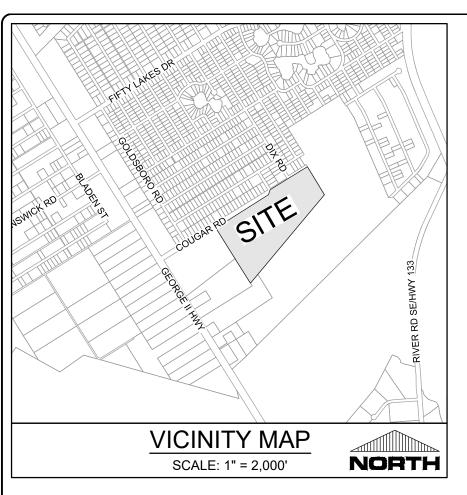
EX. VEGETATION NOTES:

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			
<i></i>	EXISTING UTILITY LINE TO BE REMOVED			
	EXISTING STORM STRUCTURE TO BE REMOVED			
	EXISTING SIGN/LIGHT/UTILITY POLE TO BE REMOVED			
<u>x</u> xx-	EXISTING FENCE TO BE REMOVED			
R R	TREE PROTECTION FENCING			
X	EXISTING TREE/SHRUBS TO BE REMOVED			
	EXISTING BUILDING/STRUCTURE TO BE REMOVED			







SITE INFORMATION OWNER INFORMATION

35 REFERENDUM DRIVE NE BOLIVIA, NC 28422 PROJECT NAME: S. BRUNSWICK HIGH SCHOOL ROTC PROJECT ADDRESS: 280 COUGAR ROAD SOUTHPORT, NC 28461 PARCEL ID: 17300009 PARCEL PIN: 208912968370 RECORDED DEED BOOK: BOOK 246, PAGE 426

CURRENT ZONING: C-1 COMMERCIAL MIXED USE DISTRICT EXISTING USE: HIGH SCHOOL PROPOSED USE: HIGH SCHOOL 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

BRUNSWICK COUNTY SCHOOLS

08/28/2018.

SPECIAL HIGHWAY DISTRICT:

PARKING INFORMATION NO CHANGES TO EXISTING PARKING ARE PROPOSED.

IMPERVIOUS INFORMATION

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

ON-SITE ASPHALT

820 SF SIDEWALKS BUILDINGS 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.) GROSS FLOOR AREA (MIN.) 1,000 SF 3,000 SF

GENERAL NOTES

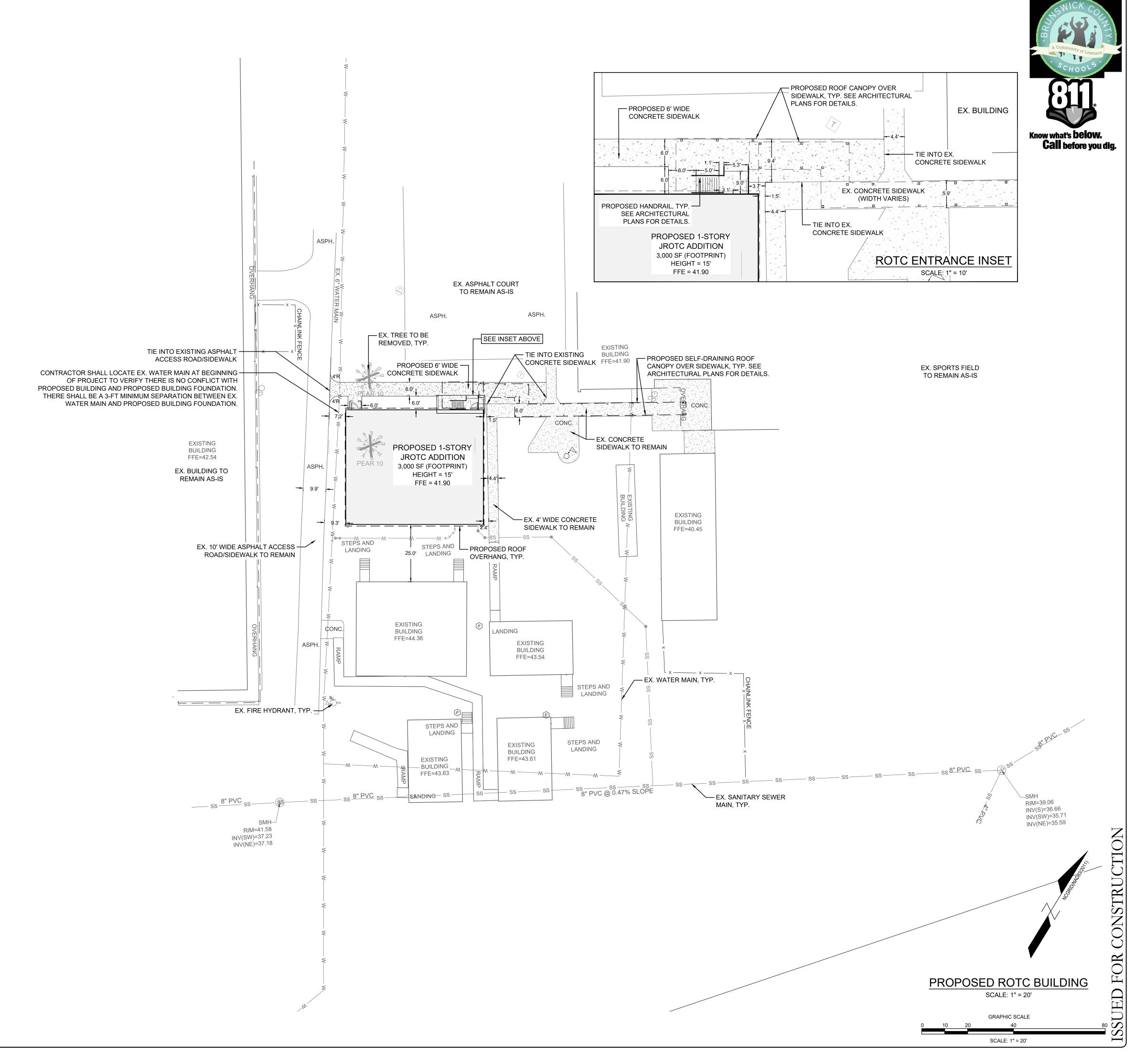
- 1. ALL PAVEMENT MARKINGS IN PUBLIC RIGHTS-OF-WAY AND DRIVEWAYS ARE TO BE THERMOPLASTIC AND MEET CITY AND/OR NCDOT STANDARDS.
- 2. ALL SIGNS AND PAVEMENT MARKINGS IN AREAS OPEN TO PUBLIC TRAFFIC ARE TO MEET MUTCD STANDARDS.
- 3. ALL TRAFFIC CONTROL SIGNS AND MARKINGS OFF THE RIGHT-OF-WAY ARE TO BE MAINTAINED BY THE PROPERTY OWNER IN ACCORDANCE WITH MUTCD STANDARDS.
- 4. ALL PARKING STALL MARKINGS AND LANE ARROWS WITHIN THE PARKING AREAS
- 5. ALL NEW LANDSCAPING FOR THIS PROPOSED BUILDING ADDITION AND ASSOCIATED IMPROVEMENTS SHALL COMPLY WITH SECTION 7, PART IV OF THE BOILING SPRING
- 6. ANY DEVIATION IN THESE PLANS SHALL REQUIRE APPROVAL FROM THE PROPER APPROVING BODY.
- 7. 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.

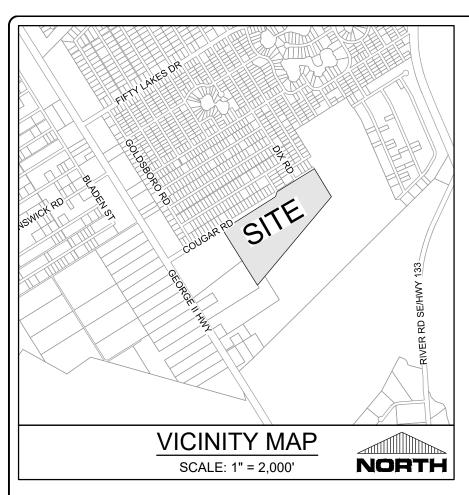
UTILITY INFORMATION

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.



SITE

031591 MERT P. BALL 08/28/20



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:

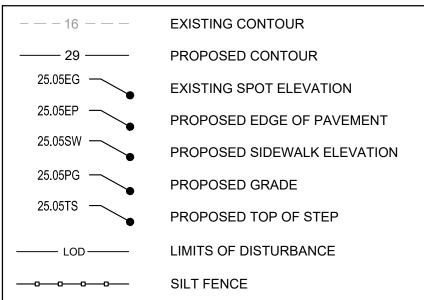
1. SITE CONTRACTOR SHALL STRIP TOPSOIL AND ANY UNSUITALBE MATERIAL AND PROVIDE CUT/FILL OPERATIONS TO PROVIDE A COMPACTED CONTROLLED BUILDING PAD, IN ACCORDANCE WITH THE SUBSURFACE GEOTECHNICAL EXPLORATION AND/OR THE TECHNICAL SPECIFICATIONS.

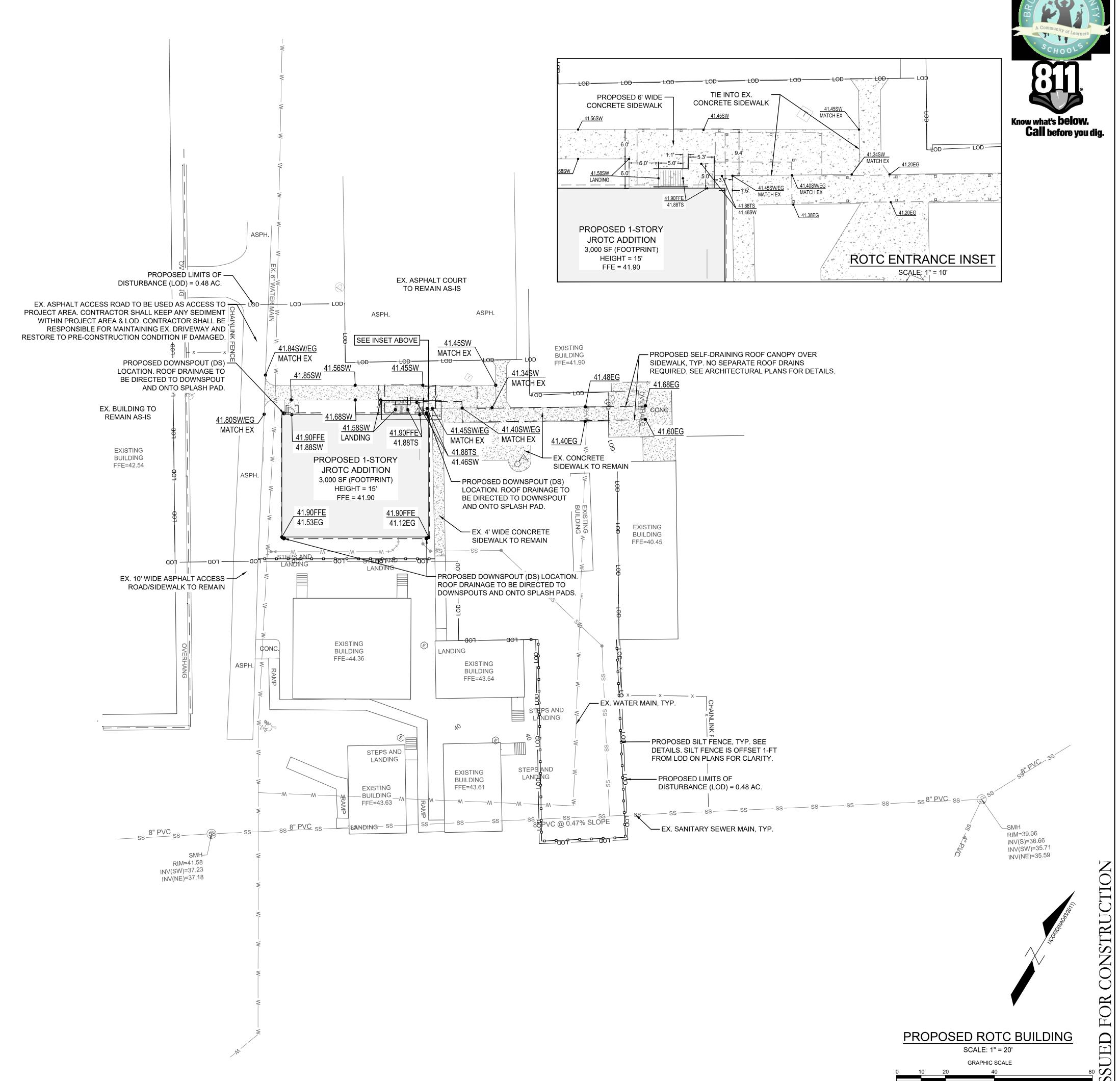
STORMWATER NOTE

- . 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:





REVISIONS:

BECKER MORGAN GROUP 3333 JAECKLE DRIVE, SUTIE 12 WILMINGTON NC 28403

| Milmington, North Carolina 28403 (910) 791-6707 (O) (910) 791-6760 (F)

BRUNSWICK HIGH SCHOOL RO' OUGAR ROAD, SOUTHPOR' SWICK COUNTY, NC 28461

PRELIMINARY LAYOU!
FINAL DESIGN:
RELEASED FOR CONST:

DRAWING INFORMATION

DATE:
SCALE:
SCALE:
AS NOTED
DESIGNED:
AEC
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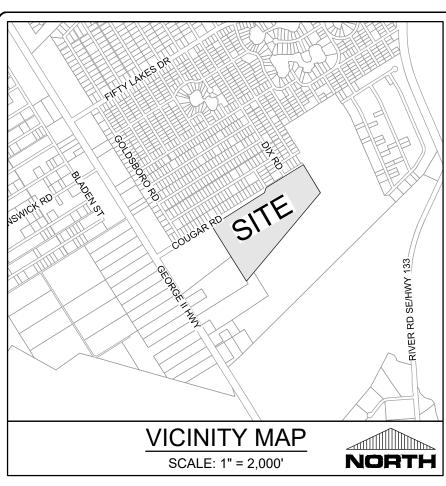
FI

C-3.0

08/28/20

PEI JOB#: 19436.PE

SCALE: 1" = 20'



SITE INFORMATION OWNER INFORMATION:

PROJECT NAME: PROJECT ADDRESS:

PARCEL ID: PARCEL PIN: RECORDED DEED BOOK: **CURRENT ZONING: EXISTING USE:** PROPOSED USE: TOTAL SITE AREA:

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) 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

BRUNSWICK COUNTY SCHOOLS 35 REFERENDUM DRIVE NE

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.

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.

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.

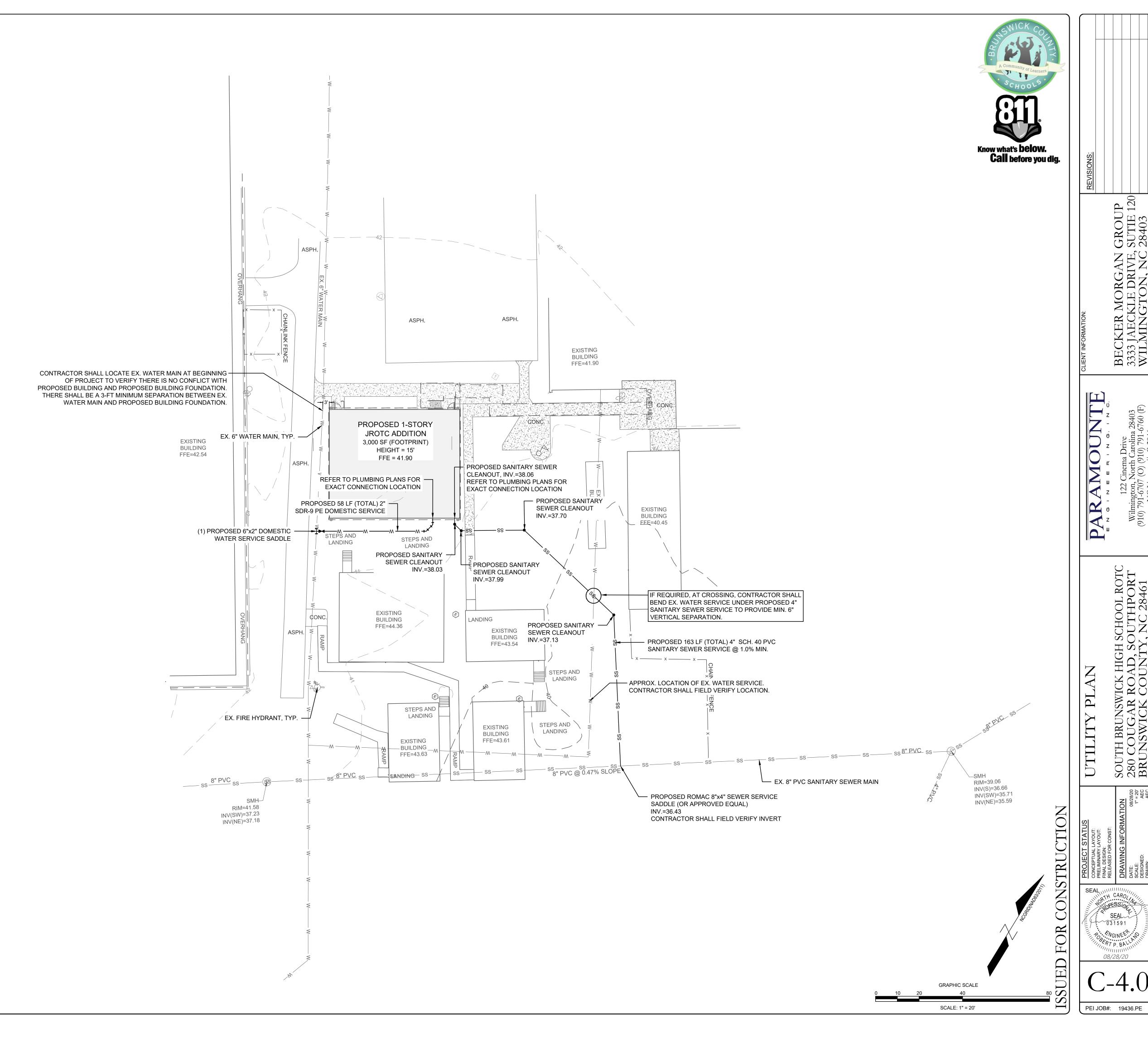
NO PRE-CONSTRUCTION MEETING REQUIRED WITH BRUNSWICK COUNTY UTILITIES; PROPOSED WATER AND SANITARY SEWER ARE CONNECTING TO PRIVATELY OWNED LINES. CONTRACTOR TO COORDINATE SHUT DOWN FOR TAP & INSTALL WITH BRUNSWICK COUNTY SCHOOLS.

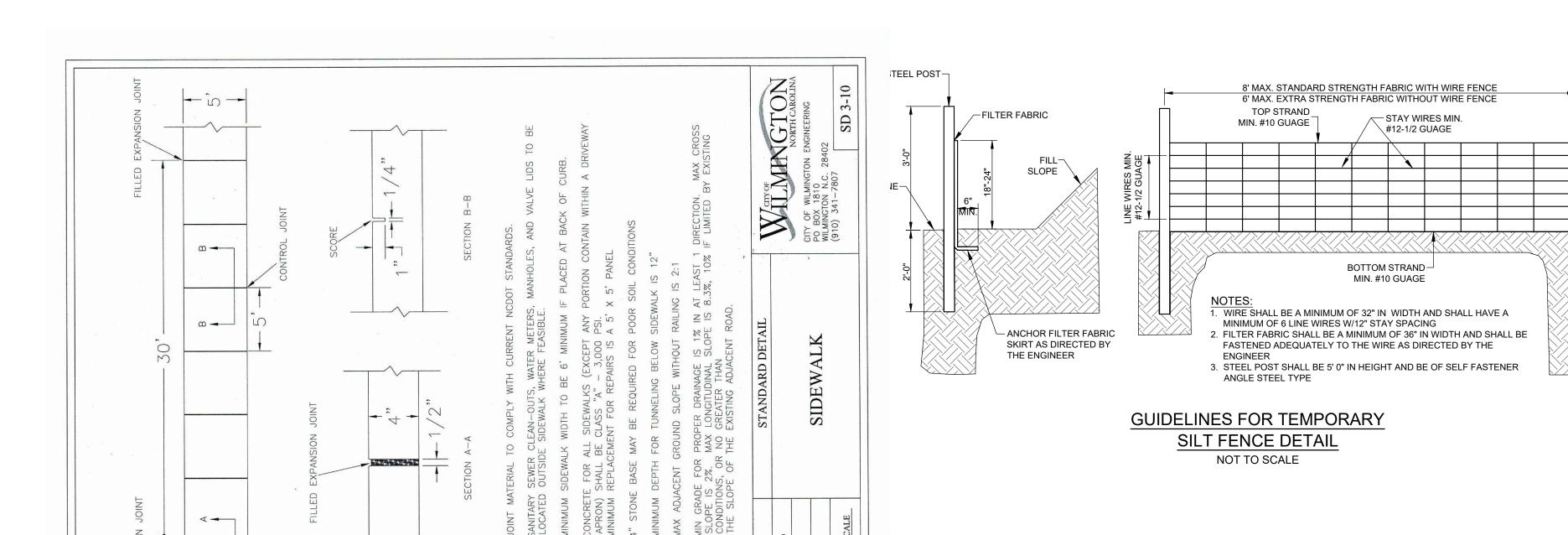
UTILITY NOTES: (NCAC 15A.02T.0305 / T15A.18C.0906)

- 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.
- 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.
- 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.
- WHERE VERTICAL CLEARANCE IS LESS THAT 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.

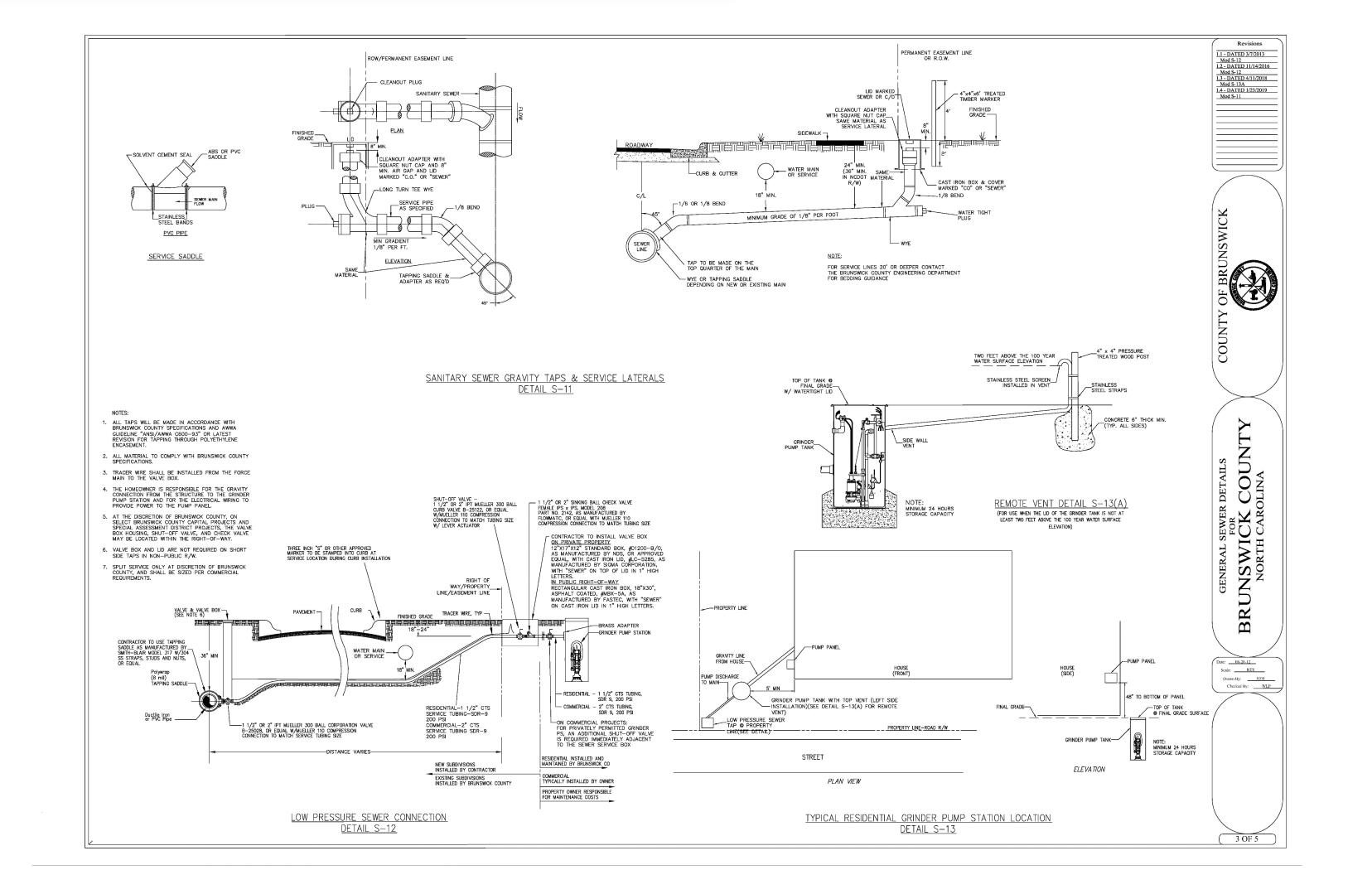
FIRE & LIFE SAFETY NOTES:

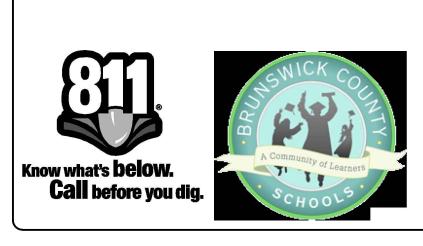
- 1. NEW HYDRANTS MUST BE AVAILABLE FOR USE PRIOR TO CONSTRUCTION OF THE BUILDINGS WITHIN ANY DEVELOPMENT.
- 2. HYDRANTS MUST BE LOCATED WITHIN 8' OF THE CURB.
- 3. CONTRACTOR SHALL MAINTAIN AN ALL WEATHER ACCESS FOR EMERGENCY VEHICLES AT ALL TIMES DURING CONSTRUCTION.
- 4. A MINIMUM OF 4' SHALL SEPARATE 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.





TYPICAL SIDEWALK DETAIL NOT TO SCALE

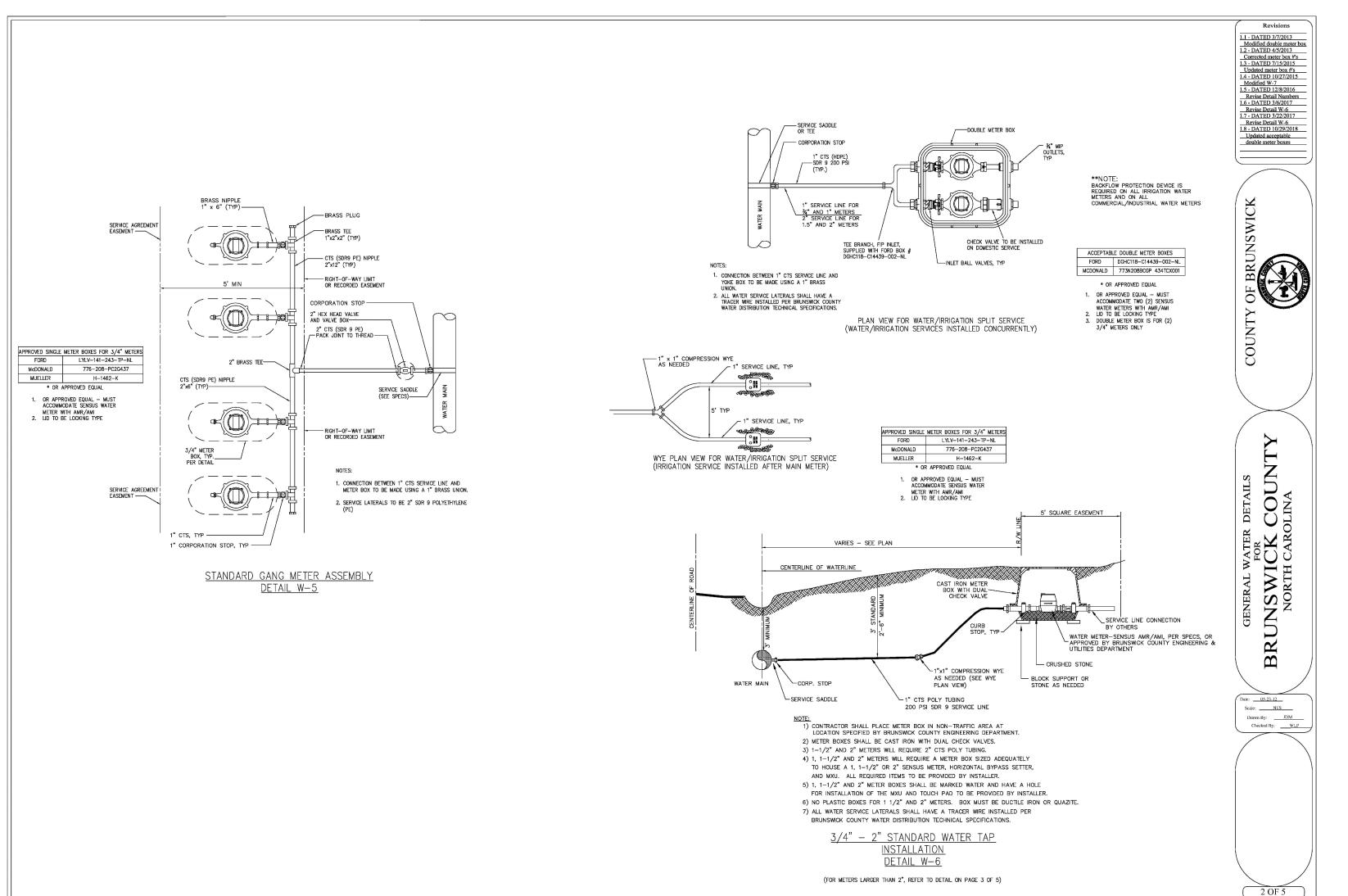




DETAIL

SEAL 3 PONNERT P. BALL 08/28/20

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



GENERAL WATER & SEWER DETAILS
FOR
BRUNSWICK COUNT
NORTH CAROLINA

SST CHECKERED PLATE FLUSH WITH SURFACE—

ANCHOR LUG©18"OC MIN TWO EACH SIDE, TYP

FALL THROUGH SAFETY GRATING REQUIRED AT ALL OPENINGS

 TAPPING SADDLES ARE NOT ALLOWED WHEN CONNECTING MAIN DIAMETER IS 50% OR LARGER THAN EXISTING MAIN TO BE TAPPED.

 USE STAINLESS STEEL ROMAC, FORD, OR MUELLER TAPPING SLEEVES FOR TAP SIZES 4" - 24".

 USE STAINLESS STEEL TAPPING SLEEVES BY DRESSER, CASCADE, AND JCM FOR TAPS ON MAINS 30" AND GREATER.

 ALL HARDWARE (BOLTS, NUTS, ETC) FOR ALL TAPPING SLEEVES SHALL BE 304 STAINLESS STEEL.

 DEPTH FROM GROUND SURFACE TO TOP OF BLOCKING SHALL BE GREATER THAN HEIGHT OF BLOCKING.

STANDARD

HINGES AT 3'-0" MAX OC ____

<u>SECTION</u>

<u>PLAN</u>

4 4 4

TAPPING SLEEVE & VALVE ASSEMBLY

DETAIL WS-18

4 4

3/16" DIA HOOKS, TYP

CABLE HOLDER

BRACKET DETAIL

. TAPPING SADDLES ARE NOT ALLOWED WHEN CONNECTING MAIN DIAMETER IS 50% OR LARGER THAN EXISTING MAIN TO BE TAPPED.

USE WIDE BAND BODY TAPPING SADDLES BY ACIPCO, US PIPE, OR EQUAL, PER BRUNSWICK COUNTY TECHNICAL SPECIFICATIONS.

3. ALL HARDWARE (BOLTS, NUTS, ETC) FOR ALL TAPPING SADDLES SHALL BE 304 STAINLESS STEEL.

SHALL BE 304 STAINLESS STEEL.

4. DEPTH FROM GROUND SURFACE TO TOP OF BLOCKING SHALL BE GREATER THAN HEIGHT OF BLOCKING.

STAINLESS STEEL______FASTENERS

4 4

TAPPING SADDLES & VALVE ASSEMBLY

DETAIL WS-19

TAPPING VALVE — MUELLER T-2360-16, AVK SERIES 25 —— (OR APPROVED EQUAL)

----- WIDE BAND BODY TAPPING SADDLE

FLANGE JOINT

STANDARD THRUST BLOCK

MATERIAL: S.S. 316 UNIVERSAL INTERMEDIATE GUIDE BRACKET WITH 1-1/2" RAILS USF IGB15 OR EQUAL

-3/8"¢ SST HEX NUT

WATERTIGHT

_____ M.J. WITH RESTRAINING GLAND

FLANGE JOINT

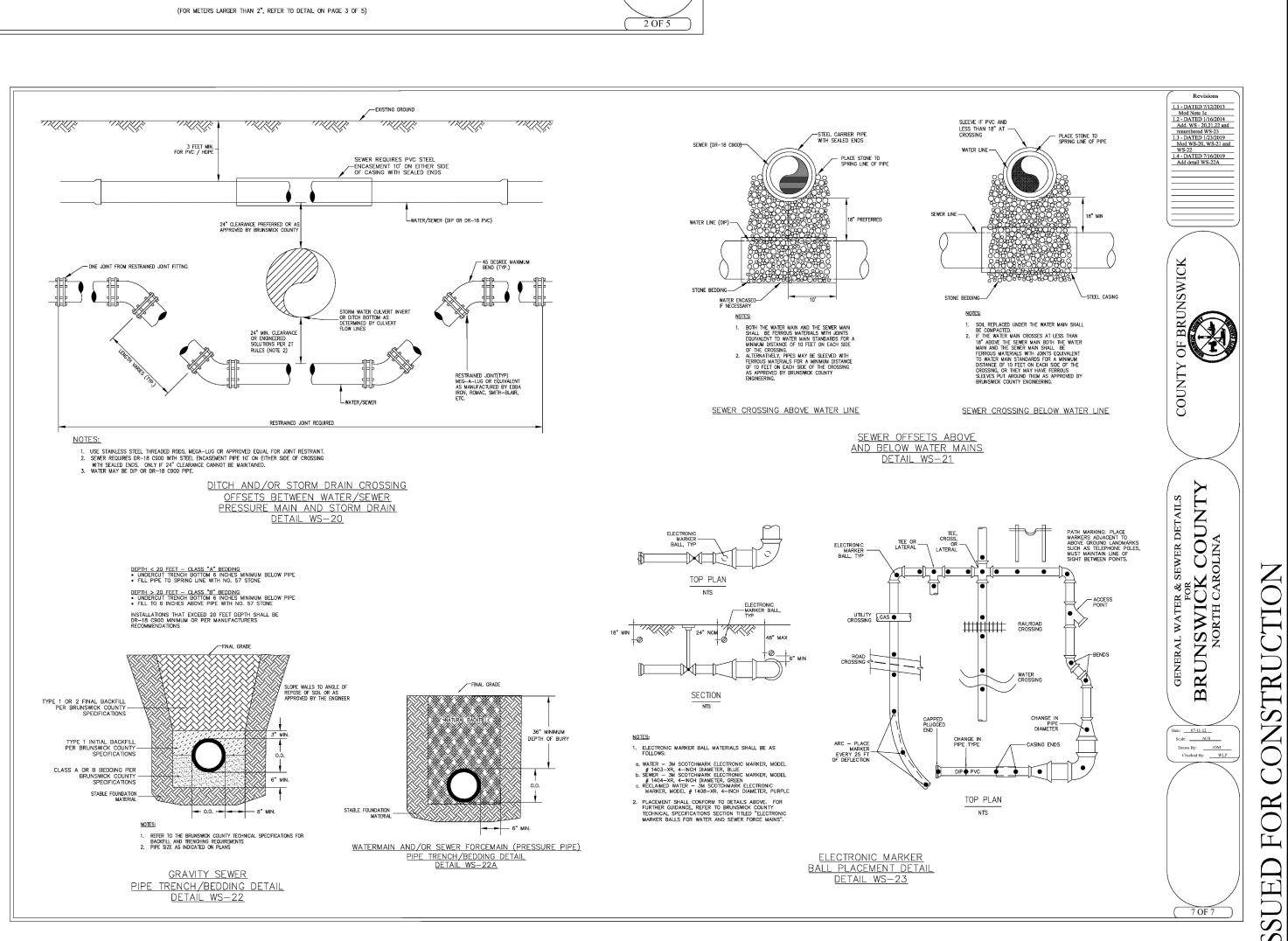
___ TAPPING VALVE - MUELLER T-2360-16, AVK SERIES 25 (OR APPROVED EQUAL)

- STANDARD THRUST BLOCK

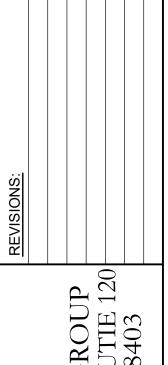
8'-10' DIAMETER 48" 36"
WETWELL

12' AND LARGER
DIAMETER WETWELLS 48" 48"
AND VAULTS

ACCESS HATCH DETAIL WS-17







BECKER MORGAN GRO 3333 JAECKLE DRIVE, SUTIE WILMINGTON, NC 28403

Milmington, North Carolina 28403

10) 791-6707 (O) (910) 791-6760 (F)

HOOL ROTC

UTHPORT

VIlmingtor

VC 28461

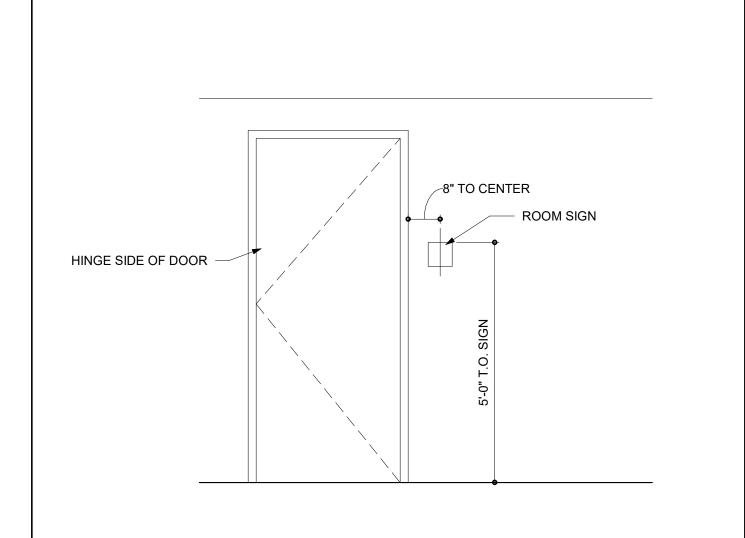
NC 122

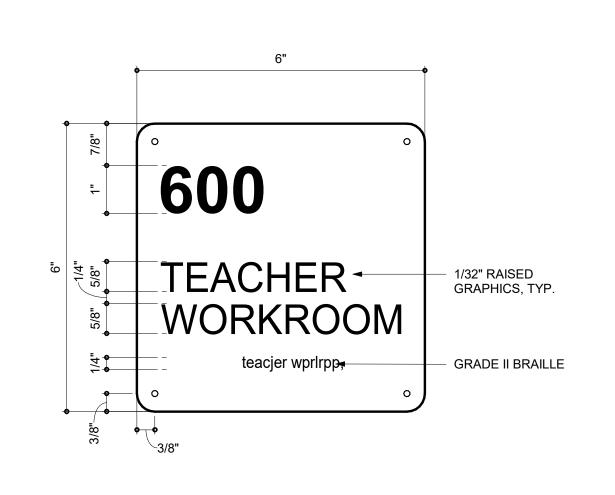
DETAILS
SOUTH BRUNSWICK HIGH SCHOOL
280 COUGAR ROAD, SOUTHP
BRUNSWICK COUNTY, NC 28

PROJECT STATUS

CONCEPTUAL LAYOUT:
PRELIMINARY LAYOUT:
FINAL DESIGN:
PRELEASED FOR CONST:
RELEASED FOR CONST:
DRAWING INFORMATION
DATE:
DATE:
RESIGNED:
RESI

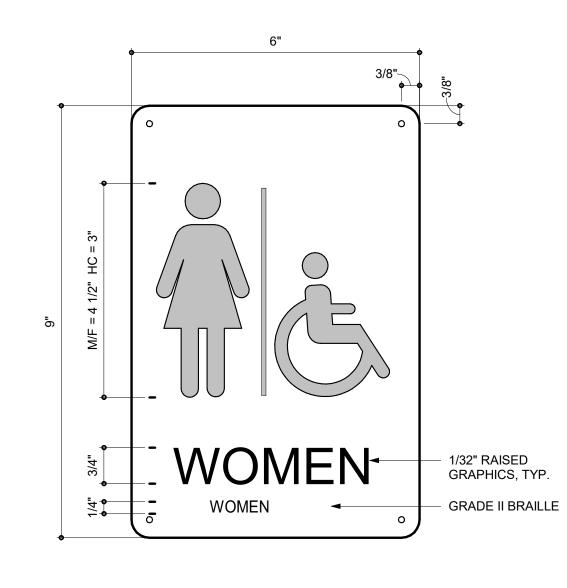
C-5.1





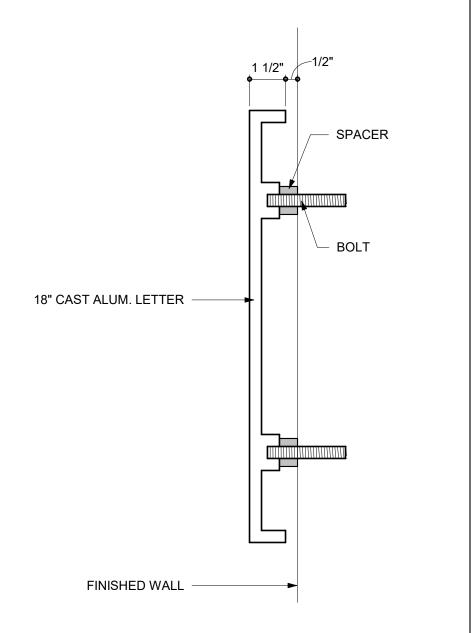
SCALE : 6" = 1' 0"

TYPICAL SIGN MOUNTING HEIGHT SIGN TYPE A SCALE : 3" = 1' 0"





3 SIGN TYPE B SCALE : 6" = 1' 0"



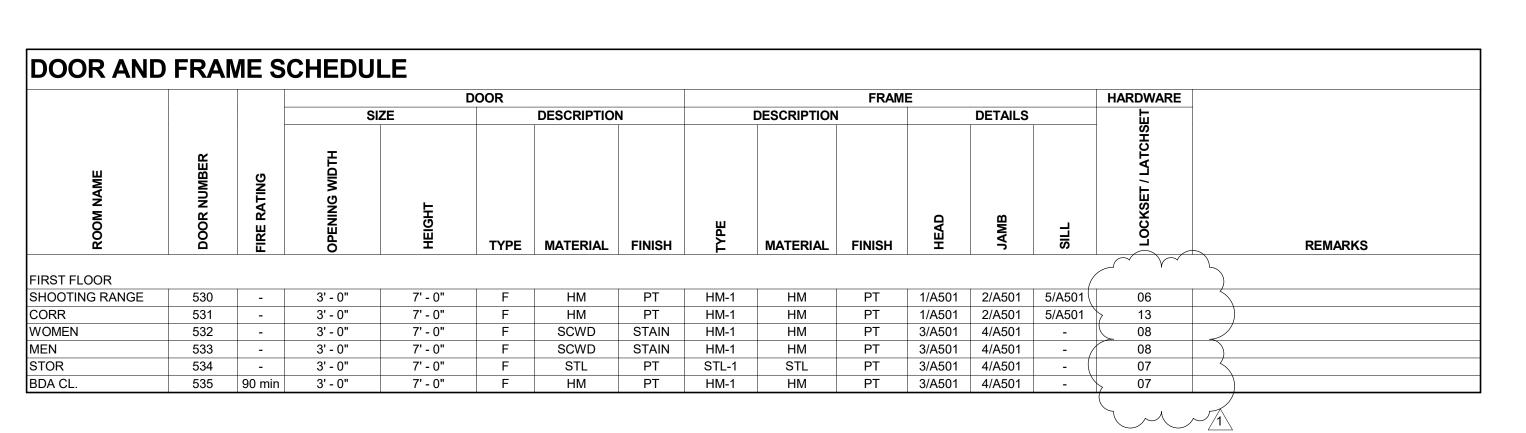
SIGN TYPE C

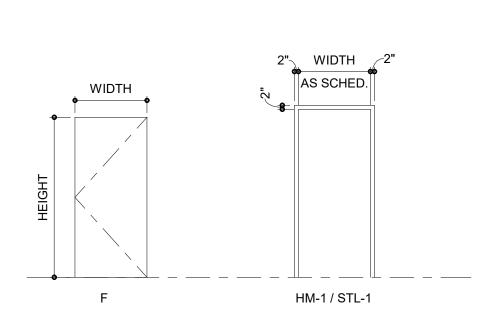
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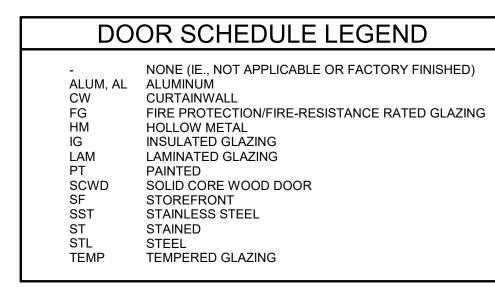
SIGNAGE SCHEDULE				
ROOM NUMBER	ROOM NAME	DOOR NUMBER	SIGN TYPE	COPY ON SIGN
THOMBER	TOOM TV/ (IVIL	HOMBER	111 =	001 1 014 01014
532	WOMEN	532	В	WOMEN
533	MEN	533	В	MEN
534	STORAGE	534	Α	534 STORAGE
535	BDA CLOSET	535	Α	535 BDA CLOSET
NONE	NONE	NONE	С	JROTC

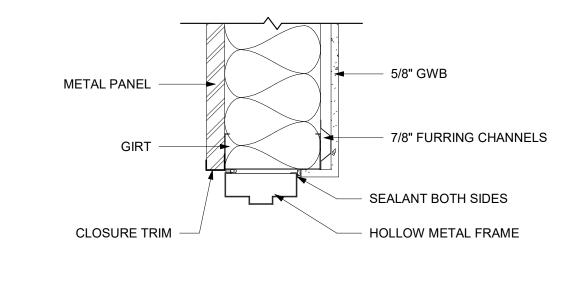
							FINIS	SH SCHEE	DULE						
		FLOOR			WALL								CEILING		
				BASE	NORTH		EAST		SOUTH		WEST				
#	ROOM NAME	MAT	PAT	MAT	MAT	FIN	MAT	FIN	MAT	FIN	MAT	FIN	MAT	FIN	COMMENTS
ELDOT EL	200														
FIRST FLO	JOR														T.
530	SHOOTING RANGE	CONC	PAINT LINES	R	PLY	PT	PLY	PT	PLY	PT	H.GWB	PT	EXPO	-	
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	

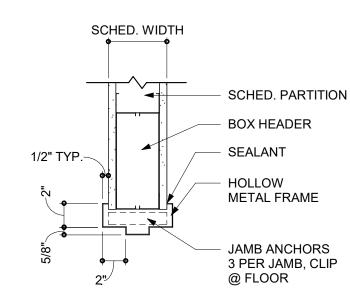
	FINISH SCHEDULE LEGEND
KEY NAME	DESCRIPTION
FLOOR	
-	NOT APPLICABLE / EXISTING TO REMAIN
CONC	CONCRETE, NOT SEALED, EPOXY PAINTED
QT	QUARRY TILE
S. CONC	CONCRETE WITH SEALER/HARDENER
BASE	
-	NOT APPLICABLE / EXISTING TO REMAIN
R	RESILIENT WALL BASE
WALL	
-	NOT APPLICABLE / EXISTING TO REMAIN
EPT	EPOXY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

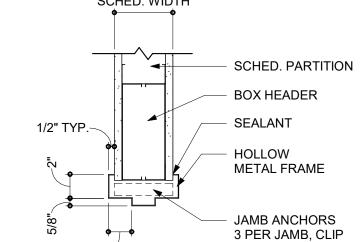






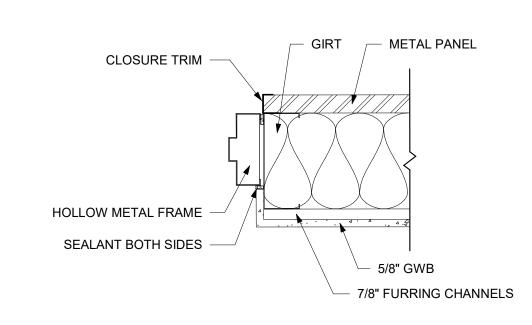






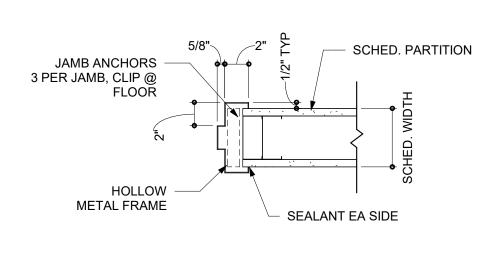




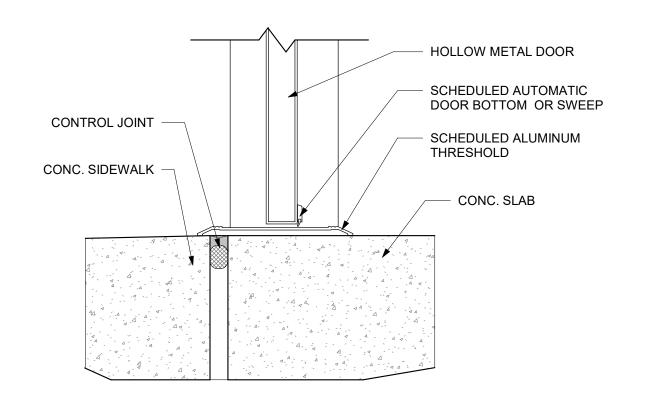


SCALE: 1 1/2" = 1'-0"

2 EXTERIOR DOOR JAMB









ARCHITECTURE PLANNING

> Wilmington, NC 28403 910.341.7600 312 West Main St, Suite 300 Salisbury, MD 21801 410.546.9100 <u>Delaware</u> 309 S Governors Ave

3205 Randall Parkway, Suite 211

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





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

DSP # : 100 DPI SCHOOL # :

SCHEDULES AND DETAILS

> ISSUE BLOCK 1 09/16/2020 ADDENDUM 3 0 08/27/2020 ISSUED FOR CONSTRUCTION

PROJECT NO: 2019241.00 As indicated DRAWN BY: LJR PROJ MGR: RMC