

APPLICATION PACKAGE

Pender County Planning and Community Development

Planning Division

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



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

Renovation Church Application Information Master Development Plan

Case Number: MDP-2023-54

Application Type: Master Development Plan

Applicant: Renovation Church

Owners: Renovation Church

Location: Properties are located at the corner of US 17 and Sloop Point RD

Property ID #(s): 4204-63-4576-0000, 4204-64-4115-0000, 4204-62-4957-0000, 4204-62-2745-0000

Description: Request for the approval of a Master Development Plan for church campus and outparcels fronting US 17.

Current Zoning: GB, General Business

Technical Review Committee Meeting

Thursday, August 3, 2023

Board of County Commissioners/Planning Board Meeting

N/A

Application Materials

Application Package

Narrative

Site Plan

APPLICATION FOR MASTER DEVELOPMENT PLAN

THIS SECTION FOR OFFICE USE

Application No.	MDP 2023-54	Date	7/11/2023
Application Fee	\$ 747.90	Invoice Number:	00034440
Pre-Application Conference		Hearing Date	

SECTION 1: APPLICANT INFORMATION


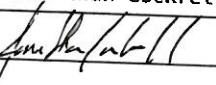
Applicant's Name:	Renovation Church	Owner's Name:	Renovation Church
Applicant's Address:	16579 HWY 17	Owner's Address:	16579 HWY 17
City, State, & Zip	P.O. Box 1129, Hampstead, NC 28443	City, State, & Zip	P.O. Box 1129, Hampstead, NC 28443
Phone Number:	910-787-1525	Phone Number:	910-787-1525
Email Address:	jonathan@renochurch.org	Email Address:	jonathan@renochurch.org

Legal relationship of applicant to land owner: The applicant and land owner are the same

SECTION 2: PROJECT INFORMATION

Type of Master Development Plan	<input type="checkbox"/> Residential <i>RP, PD, RM MH District</i>	<input checked="" type="checkbox"/> Commercial <i>GB, OI, IT, GI District</i>	
Property Identification Number (PIN):	4204-63-4576-0000 4204-64-41 15-0000 4204-62-4957-0000 4204-62-27 45-0000	Total property acreage:	24.79 ac
Zoning Classification:	GB	Acreage to be disturbed:	16.2 ac
Project Address :	19240 HWY 17, Hampstead		
Description of Project Location:	The majority of the site will be the campus for a new Church, there are outparcels proposed for property that fronts HWY 17 & Sloop Point Road		
Describe activities to be undertaken on project site:	The site will be cleared and graded for a new church, a pond will be constructed along with a driveway connection to HWY 17 and Sloop Point Road		

SECTION 3: SIGNATURES

Applicant's Signature		Date:	6/28/23
Applicant's Printed Name	Jonathan Cockrell	Date:	6/28/23
Owner's Signature		Date:	6/28/23
Owner's Printed Name	Jonathan Cockrell	Date:	6/28/23

NOTICE TO APPLICANT

1. Applicant or agent authorized in writing must attend the public hearing.
2. Once the public hearing has been advertised, the case will be heard unless the applicant withdraws the application or unless the Planning Board or other authorized person agrees to table or delay the hearing.
3. All fees are non-refundable
4. A complete application packet must be submitted prior to the deadline in order to be placed on the next Planning Board Agenda

Office Use Only

<input type="checkbox"/>	MDP Fees: (\$500.00 plus \$10/acre for the first 100 acres \$5/acre thereafter)	Total Fee Calculation: \$ 747.90
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Attachments Included with Application: (Please include # of copies)

CD /other digital version	<input type="checkbox"/> Y <input type="checkbox"/> N	Plan Sets	# of large	# of 11X17	Other documents/Reports	<input type="checkbox"/> Y <input type="checkbox"/> N
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Payment Method:	Cash : <input type="checkbox"/> \$ _____	Credit Card: <input checked="" type="checkbox"/> <input type="checkbox"/> Master Card <input type="checkbox"/> Visa	Check: <input type="checkbox"/> Check # _____
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Application received by:	Taylor Davis	Date: 07/11/2023
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Application completeness approved by:	Taylor Davis	Date: 07/11/2023
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Date scheduled for public hearing:

Renovation Church – Project Narrative

The overall project acreage for the site is 24.79 acres, the focal point of the project is centered around the main worship auditorium in a campus style design with daycare facilities in addition to future buildings that will be built in the future. Main access to the site will be from Hwy 17 and Sloop Pointe Loop Road.

This project will be built in phases, the first being the main worship auditorium, outdoor gathering area and daycare facility, 360 parking spaces will be provided in the initial construction and grass area adjacent to the parking areas will be converted to standard parking spaces as the development progresses.

Four out parcels will be sold to individual development entities, these parcels will be provided utility stub outs from the internal loop road with the exception of water which will be provided from Hwy 17 and Sloop Point Loop Road, these out parcels will remain vegetated and the individual developers will be required to submit site specific site plans to Pender County for approval prior to construction.

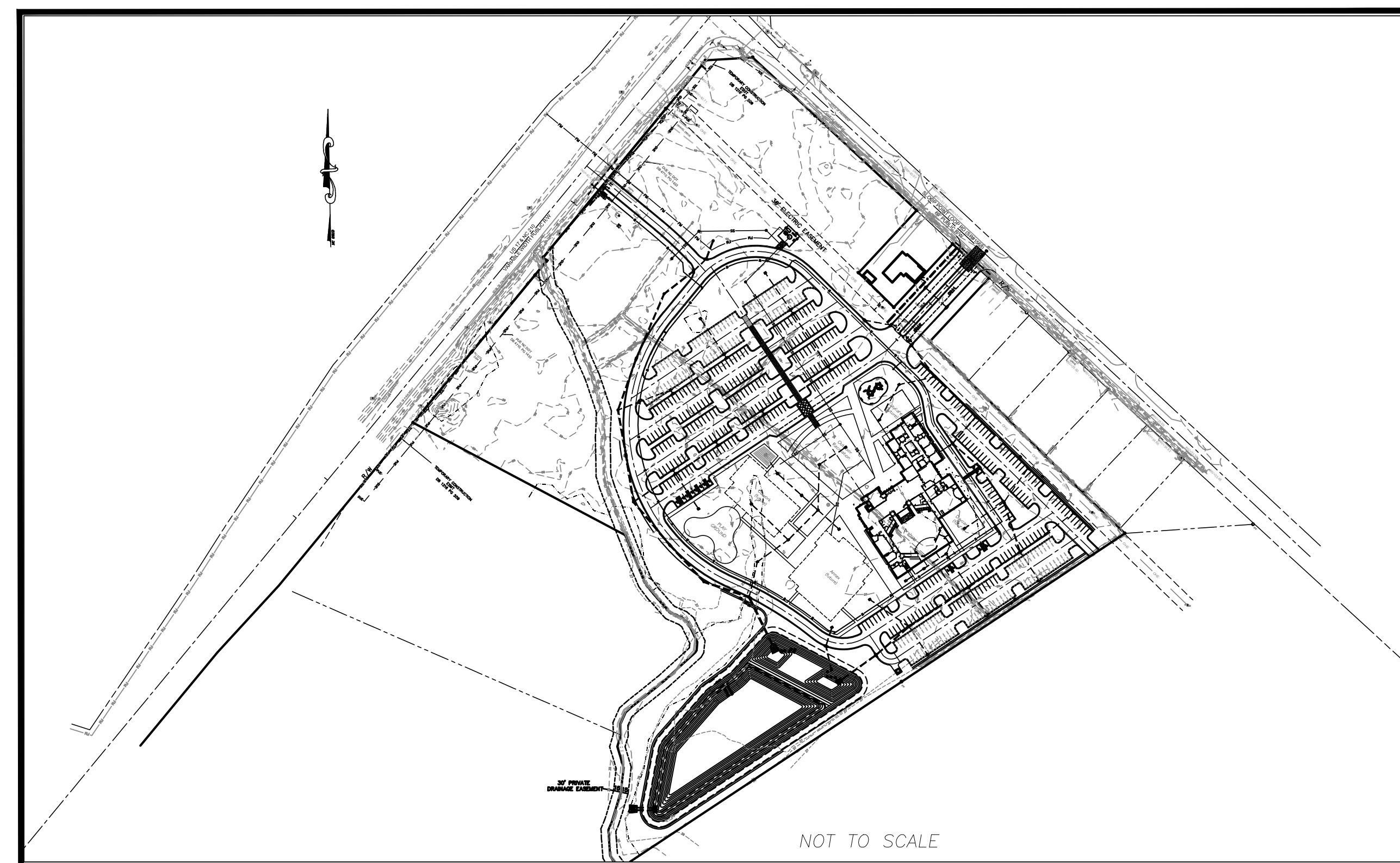
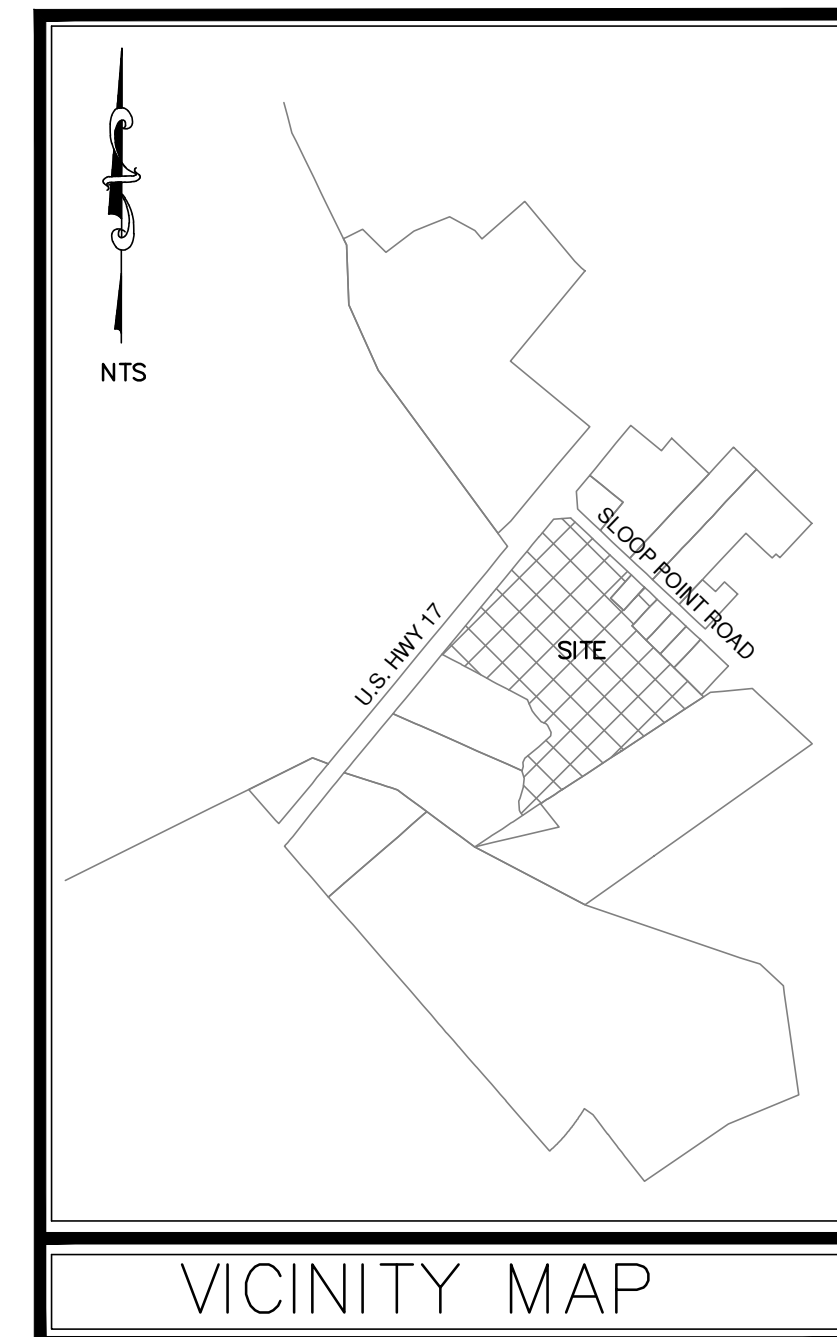
A regional storm water pond will provide storm water management for the entire site with the exception of out parcel "A". A TIA is being prepared and coordinated with NCDOT, a scoping meeting has occurred with NCDOT

SITE PLAN(S)

Site Development For *RENOVATION CHURCH*

JUNE, 2023

PENDER COUNTY, NORTH CAROLINA



PRELIMINARY - DO NOT USE FOR CONSTRUCTION

LEGEND		
DESCRIPTION	EXISTING	PROPOSED
PROPERTY BOUNDARY	---	---
EASEMENT	---	---
STREAM	---	---
STRUCTURE	---	---
MINOR CONTOURS	---8---	---8---
MAJOR CONTOURS	---10---	---10---
GAS LINE	---G---G---	---G---G---
OVERHEAD POWER	---OHP---OHP---	---OHP---OHP---
WATER LINE	---W---W---	---W---W---
SANITARY SEWER LINE	---SS---SS---	---SS---SS---
SANITARY SEWER MANHOLE	⊙	⊙
STORM DRAINAGE PIPE	---	---
STORM DRAINAGE STRUCTURE	○ □	● ■
TREE	1 1" OAK ●	● ✪ ☼
CONCRETE	▨	▨
SILT FENCE	---	---SF---SF---
TREE PROTECTION FENCE	---	---TP---TP---
FIRE HYDRANT ASSEMBLY	⚡	⚡
DISTURBED LIMITS LINE	---	---DL---DL---
PERVIOUS PAVEMENT	▨	▨

OWNER
RENOVATION CHURCH
PO BOX 1189
HAMPSTEAD, NC 28443
TEL: 910-389-8600
lenny@renochurch.com

PORT CITY CONSULTING ENGINEERS, PLLC
6216 STONEBRIDGE ROAD
WILMINGTON, NC 28409
910-599-1744 LICENSE No. P-1032
mark@portcityeng.com

INDEX OF SHEETS

SHT C-0	COVER SHEET
SHT C-1	GENERAL NOTES
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SHT C-4.0	GRADING & DRAINAGE PLAN
SHT C-4.1	DRAINAGE AREA PLAN
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SHT C-5.1	EROSION CONTROL PLAN
SHT C-6	UTILITY PLAN
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SHT L-2	TREE MITIGATION PLAN
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SHT L-4	PLANTING DETAILS & SPECIFICATIONS

SITE DATA TABLE

GENERAL NOTES:

- PENDER COUNTY PARCEL NO.:
PIN# 4204-63-4576-0000
4204-64-4115-0000
4204-62-4957-0000
4204-62-2745-0000
- TOTAL AREA: 24.79 AC.±
- EXISTING ZONING: GB
- PROPERTY OWNER:
RENOVATION CHURCH
PO BOX 1129
HAMPSTEAD, NC 28443 (910-389-8600)

DEVELOPMENT DATA:

Total Tract Area = 24.79 ac +/-
Totals Disturbed Area = 17.0 ac

Setbacks:
Front Yard - 25 ft
Side Yard - 10 ft
Rear Yard - 10 ft

Maximum Height: 40 ft

POWER: DUKE ENERGY - JON MARSTON (910) 602-4346
AT&T (BELLSOUTH): JAMES BATSON 910-452-5300
SPECTRUM: ROBERT JOHN 910-216-4494
PENDER COUNTY PUBLIC UTILITIES: KENNY KEEL (910) 259-0212
PLURIS: (910) 327-2880

NOTE:
ALL DESIGN AND CONSTRUCTION SHALL BE IN CONFORMANCE WITH
PENDER COUNTY, PLURIS & THE STATE OF NORTH CAROLINA

COORDINATION NOTES

- 1. THE CONTRACTOR IS REQUIRED TO OBTAIN ANY/ALL PERMITS REQUIRED FOR CONSTRUCTION OF THESE PLANS.
2. ALL WORK IS TO BE IN ACCORDANCE WITH PENDER COUNTY AND THE STATE OF NORTH CAROLINA.
3. THE CONTRACTOR IS TO ESTABLISH AND CHECK ALL HORIZONTAL AND VERTICAL CONTROLS TO BE USED WITH THE PROJECT...
4. 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...

GENERAL NOTES:

- 1. EXISTING TOPOGRAPHY, BOUNDARY AND UTILITIES, HAVE BEEN PREPARED BY FIELD SURVEY BY MICHAEL UNDERWOOD AND ASSOCIATES, PA.
2. 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.
3. 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.
4. CONTRACTOR SHALL PLAN AND CONSTRUCT WORK SO AS TO CAUSE MINIMUM INCONVENIENCE TO THE OWNER AND THE PUBLIC.
5. 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 OF OFF-SITE.
6. ALL WORK BY THE CONTRACTOR SHALL BE WARRANTED BY THE CONTRACTOR FOR A PERIOD OF ONE YEAR AFTER THE OWNER ACCEPTS THE WORK.
7. CONTRACTOR SHALL CALL THE NORTH CAROLINA ONE-CALL CENTER AT 1 (800) 632-4949 AND ALLOW THE CENTER TO LOCATE EXISTING UTILITIES BEFORE DIGGING.
8. CONTRACTOR SHALL REMOVE ASPHALT, AGGREGATE BASE COURSE, AND CONCRETE CURB & GUTTER WITHIN LIMITS OF DEMOLITION AS SHOWN ON PLAN.

DEMOLITION NOTES

- 1. CONTRACTOR TO COORDINATE WITH THE OWNER TO PROPERLY MAINTAIN OR RELOCATE EXISTING SERVICE CONNECTIONS WHEN NECESSARY.
2. CONTRACTOR IS TO WALK THE SITE AND BECOME FAMILIAR WITH THE SCOPE OF DEMOLITION REQUIRED. DEMOLITION WORK REQUIRED TO CONSTRUCT NEW SITE IMPROVEMENTS WILL BE PERFORMED BY THE CONTRACTOR AND WILL BE UNCLASSIFIED EXCAVATION.
3. 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 SOILS ENGINEER FOR THE INSTALLATION OF THE NEW IMPROVEMENTS AND WITHIN THE LIMITS OF CLEARING AND GRADING AND AS SHOWN ON THESE PLANS.
4. 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 OWNER.
5. ELECTRIC, TELEPHONE, SANITARY SEWER, WATER AND STORM SEWER UTILITIES THAT SERVICE OFF-SITE PROPERTIES SHALL BE MAINTAINED DURING THE CONSTRUCTION PROCESS BY THE CONTRACTOR.
6. EXISTING UTILITIES NOT INTENDED FOR DEMOLITION SHALL BE MAINTAINED, PROTECTED AND UNDISTURBED DURING DEMOLITION
7. ALL EXISTING IMPROVEMENTS INDICATED OR REQUIRED TO BE DEMOLISHED SHALL INCLUDE REMOVAL FROM THE PROPERTY AND PROPER DISPOSAL.
8. CONTRACTOR SHALL COORDINATE RELOCATION OF ALL EXISTING OVER HEAD AND UNDERGROUND UTILITIES INCLUDING CABLE, GAS, TELEPHONE AND ELECTRIC AND ANY OTHER UTILITIES THROUGH THE SITE WITH THE RESPECTIVE COMPANIES.
9. PROVIDE SMOOTH SAW CUT OF EXISTING PAVEMENTS, CURBS AND GUTTERS AND SIDEWALKS TO BE DEMOLISHED.
10. ALL DEMOLITION WORK SHALL BE DONE IN STRICT ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS AS WELL AS OSHA REGULATIONS.
11. INFORMATION CONCERNING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS, BUT THE CONTRACTOR MUST DETERMINE THE EXACT LOCATION AND ELEVATIONS OF THE MAINS BY DIGGING TEST PITS BY HAND.

EROSION AND SEDIMENT CONTROL NOTES

GENERAL NOTES:

- 1. CLEAR AND REMOVE FROM SITE ALL TREES, ROOTS, ROOT MAT, ETC. FROM THE AREA WITHIN DESIGNATED CLEARING LIMITS.
2. PLANT GRASS OVER ALL GRADED AREAS AS SHOWN IN THE TABLE ON THIS SHEET OF CEASE OF ANY GRADING ACTIVITY.
3. 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 MEASURES
4. DURING GRADING AND AFTER GRADING HAS BEEN COMPLETED, CONTRACTOR SHALL CONTINUE TO MAINTAIN PERMANENT AND TEMPORARY EROSION CONTROL MEASURES UNTIL FINAL INSPECTION AND APPROVAL BY NEW HANOVER COUNTY.
5. WATER, FERTILIZE, MOW AND MAINTAIN SPRIGGED, SODDED AND PLANTED AREAS UNTIL FINAL APPROVAL BY NEW HANOVER COUNTY.
6. ANY BORROW MATERIAL BROUGHT ONTO SITE MUST BE FROM A LEGALLY OPERATED MINE OR OTHER APPROVED SOURCE.
7. ANY EXCESS MATERIAL REMOVED FROM SITE MUST BE HAULED TO A LEGALLY OPERATED MINE OR OTHER APPROVED SOURCE.

MAINTENANCE PLAN

- 1. ALL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CHECKED FOR STABILITY AND OPERATION FOLLOWING EVERY RUNOFF-PRODUCING RAINFALL BUT IN NO CASE LESS THAN ONCE EVERY WEEK. ANY NEEDED REPAIRS WILL BE MADE IMMEDIATELY TO MAINTAIN ALL PRACTICES AS DESIGNED.
2. ALL CONSTRUCTION ENTRANCES WILL BE PERIODICALLY TOP DRESSED WITH AN ADDITIONAL 2 INCHES OF #4 STONE TO MAINTAIN PROPER DEPTH. ANY SEDIMENT THAT IS TRACKED INTO THE STREET WILL BE IMMEDIATELY REMOVED.
3. SEDIMENT WILL BE REMOVED BEHIND THE SEDIMENT FENCE WHEN IT BECOMES 0.5 FEET DEEP AT THE FENCE. THE SEDIMENT FENCE WILL BE REPAIRED AS NECESSARY TO MAINTAIN A BARRIER. SILT FENCE STAKES WILL BE SPACED 6 FEET APART UNLESS A WIRE BACKING IS USED WITH 8 FOOT STAKE SPACING.
4. INSPECT TEMPORARY DIVERSIONS ONCE A WEEK AND AFTER EVERY RAINFALL. IMMEDIATELY REMOVE SEDIMENT FROM THE FLOW AREA AND REPAIR THE DIVERSION RIDGE. CAREFULLY CHECK OUTLETS AND MAKE TIMELY REPAIRS AS NEEDED. WHEN THE AREA PROTECTED IS PERMANENTLY STABILIZED, REMOVE THE RIDGE AND THE CHANNEL TO BLEND WITH THE NATURAL GROUND LEVEL AND APPROPRIATELY STABILIZE IT.
5. INSPECT INLET PROTECTION AT LEAST WEEKLY AND AFTER EACH SIGNIFICANT (1/2 INCH OR GREATER) RAINFALL EVENT. CLEAR THE MESH WIRE OF ANY DEBRIS OR OTHER OBJECTS TO PROVIDE ADEQUATE FLOW FOR SUBSEQUENT RAINS. TAKE CARE NOT TO DAMAGE OR UNDERCUT THE WIRE MESH DURING SEDIMENT REMOVAL. REPLACE STONE AS NEEDED.
6. INSPECT SKIMMER SEDIMENT BASINS AT LEAST WEEKLY AND AFTER EACH SIGNIFICANT (ONE-HALF INCH OR GREATER) RAINFALL EVENT AND REPAIR IMMEDIATELY. REMOVE SEDIMENT AND RESTORE THE BASIN TO ITS ORIGINAL DIMENSIONS WHEN SEDIMENT ACCUMULATES TO ONE-HALF THE HEIGHT OF THE FIRST BAFFLE. PULL THE SKIMMER TO ONE SIDE SO THAT THE SEDIMENT UNDERNEATH IT CAN BE EXCAVATED. EXCAVATE THE SEDIMENT FROM THE ENTIRE BASIN, NOT JUST AROUND THE SKIMMER OR THE FIRST CELL. MAKE SURE VEGETATION GROWING IN THE BOTTOM OF THE BASIN DOES NOT HOLD DOWN THE SKIMMER. REPAIR THE BAFFLES IF THEY ARE DAMAGED. RE-ANCHOR THE BAFFLES IF WATER IS FLOWING UNDERNEATH OR AROUND THEM.
IF THE SKIMMER IS CLOGGED WITH TRASH AND THERE IS WATER IN THE BASIN, USUALLY KICKING ON THE ROPE WILL MAKE THE SKIMMER POP UP AND DOWN AND DISLodge THE DEBRIS AND RESTORE FLOW. IF THIS DOES NOT WORK, PULL THE SKIMMER OVER TO THE SIDE OF THE BASIN AND REMOVE THE DEBRIS. ALSO CHECK THE ORIFICE INSIDE THE SKIMMER TO SEE IF IT IS CLOGGED; IF SO REMOVE THE DEBRIS.
IF THE SKIMMER ARM OR BARREL PIPE IS CLOGGED, THE ORIFICE CAN BE REMOVED AND THE OBSTRUCTION CLEARED WITH A PLUMBER'S SNAKE OR BY FLUSHING WITH WATER. BE SURE AND REPLACE THE ORIFICE BEFORE REPOSITIONING THE SKIMMER. CHECK FABRIC LINED SPILLWAY FOR DAMAGE AND MAKE ANY REPAIRS WITH FABRIC THAT SPANS THE FULL WIDTH OF THE SPILLWAY. CHECK THE EMBANKMENT, SPILLWAYS AND OUTLET FOR EROSION DAMAGE, AND INSPECT THE EMBANKMENT FOR PIPING AND SETTLEMENT. MAKE ALL NECESSARY REPAIRS IMMEDIATELY. REMOVE ALL TRASH AND THERE DEBRIS FROM THE SKIMMER AND POOL AREAS. FREEZING WEATHER CAN RESULT IN ICE FORMING IN THE BASIN. SOME SPECIAL PRECAUTIONS SHOULD BE TAKEN IN THE WINTER TO PREVENT THE SKIMMER FROM PLUGGING WITH ICE.
7. ALL SEEDED AREAS WILL BE FERTILIZED, RESEED AS NECESSARY, AND MULCHED ACCORDING TO SPECIFICATIONS IN THE VEGETATIVE PLAN TO MAINTAIN A VIGOROUS, DENSE VEGETATIVE COVER. ALL SLOPES WILL BE STABILIZED WITHIN 21 CALENDAR DAYS. ALL OTHER AREAS WILL BE STABILIZED WITHIN 15 WORKING DAYS.

PERMANENT SEEDING SCHEDULE

Table with 2 columns: SPECIES, RATE (LB/ACRE). Includes CAROLINA COASTAL SEED MIX (BLEND) with sub-items: GULF ANNUAL RYEGRASS, BROWNTOP MILLET, FAWN TALL FESCUE, CREEPING RED FESCUE, UNHULLED BERMUDEGRASS, CENTIPEDEGRASS.

Seeding Dates MARCH - JUNE
Soil Amendments APPLY LIME AND FERTILIZER ACCORDING TO SOIL TESTS, OR APPLY 300 LB/ACRE 10-10-10 FERTILIZER. CHECK WITH OWNER PRIOR TO APPLYING. ALL CHEMICALS MUST BE PREAPPROVED BY GE.
Mulch DO NOT MULCH.

Maintenance By Owner FERTILIZE VERY SPARINGLY LB/ACRE NITROGEN IN SPRING WITH NO PHOSPHORUS. CENTIPEDE GRASS CANNOT TOLERATE HIGH PH OR EXCESS FERTILIZER.

TEMPORARY SEEDING-LATE WINTER/EARLY SPRING

Seeding Mixture WINTER AND EARLY SPRING

Table with 2 columns: SPECIES, RATE (LB/ACRE). Includes Rye (GRAIN), ANNUAL LESPEDEZA (KOBE IN PIEDMONT AND COASTAL PLAIN, KOREAN IN MOUNTAINS).

SUMMER

Table with 2 columns: SPECIES, RATE (LB/ACRE). Includes GERMAN MILLET.

FALL

Table with 2 columns: SPECIES, RATE (LB/ACRE). Includes RYE (GRAIN).

Seeding dates COASTAL PLAIN - DEC.1-APR. 15 - LATE WINTER AND EARLY SPRING APRIL 15 - AUG. 15 - SUMMER AUG. 15 - DEC. 30 - FALL

Soil amendments FOLLOW RECOMMENDATIONS OF SOIL TESTS OR APPLY 2,000 LB/ACRE GROUND AGRICULTURAL LIMESTONE AND 750 LB/ACRE 10-10-10 FERTILIZER.

Mulch APPLY 4,000 LB/ACRE STRAW. ANCHOR STRAW BY TACKING WITH ASPHALT, NETTING OR A MULCH ANCHORING TOOL. A DISK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS A MULCH ANCHORING TOOL.

Maintenance REFERFERTILIZE IF GROWTH IS NOT FULLY ADEQUATE. RESEED, REFERFERTILIZE AND MULCH IMMEDIATELY FOLLOWING EROSION OR OTHER DAMAGE.

GENERAL GRADING NOTES

- 1. REASONABLE CARE HAS BEEN EXERCISED IN SHOWING THE LOCATION OF EXISTING UTILITIES ON THE PLANS. THE EXACT LOCATION OF SUCH UTILITIES IS NOT KNOWN IN ALL CASES. THE CONTRACTOR SHALL EXPLORE THE AREA AHEAD OF THE DITCHING OPERATION BY OBSERVATIONS, ELECTRONIC DEVICES, HAND DIGGING AND BY PERSONAL CONTACT WITH THE UTILITY COMPANIES IN ORDER TO LOCATE EXISTING UTILITIES IN ADVANCE OF THE TRENCHING OPERATIONS SO AS TO AVOID AND PREVENT DAMAGE TO THE EXISTING UTILITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COST RESULTING FROM ANY DAMAGE TO THE EXISTING UTILITY LINES INCLUDING BUT NOT LIMITED TO REPAIRS AND LOSS SERVICE REVENUE. CONTRACTOR SHALL ARRANGE FOR TEMPORARY SUPPORT OF EXISTING UTILITIES, SUCH AS POLES, CONDUITS, FIBER OPTIC CABLES, TELEPHONE CABLES, WATER LINES, ETC...
2. 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.
3. 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 FLAG MEN 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 MCDOT.
4. ALL MATERIAL CLEARED AND GRUBBED BY THE CONTRACTOR IN ORDER TO CONSTRUCT THE WORK, SUCH AS TREES, VEGETATION, FENCING, ETC... SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE PROPERLY DISPOSED OF OFF-SITE OR BURNED IF PROPER PERMITS ARE RECEIVED.

SITE NOTES

- 1. 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.
2. THE GENERAL CONTRACTOR SHALL CONTACT ALL OWNERS OF EASEMENTS, UTILITIES AND R.O.W.'S PUBLIC OR PRIVATE, PRIOR TO WORKING IN THESE AREAS.
3. CONTRACTOR SHALL MAINTAIN THE SITE IN A MANNER SO THAT WORKMEN AND PUBLIC SHALL BE PROTECTED FROM INJURY, AND ADJOINING PROPERTY PROTECTED FROM DAMAGE.
4. ACCESS TO UTILITIES, FIRE HYDRANTS, STREET LIGHTING, ETC., SHALL REMAIN UNDISTURBED, UNLESS COORDINATED WITH THE RESPECTIVE UTILITY.
5. DO NOT SCALE THIS DRAWING AS IT IS A REPRODUCTION AND SUBJECT TO DISTORTION.
6. THE GENERAL CONTRACTOR SHALL REMOVE ALL DEBRIS FROM THE SITE UPON COMPLETION OF THE PROJECT AND AT LEAST ONCE A WEEK DURING CONSTRUCTION.
7. THE GENERAL CONTRACTOR SHALL KEEP THE AREA OUTSIDE THE "CONSTRUCTION LIMITS" BROOM CLEAN AT ALL TIMES.
8. 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.
9. 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 DOCUMENT SHALL BE MADE WITHOUT THE PERMISSION OF THE OWNER.
10. 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.
11. ALL PERMITS RELATIVE TO PROJECT MUST BE OBTAINED, PRIOR TO CONSTRUCTION
12. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH PERMITS ISSUED AND APPLICABLE STATE, COUNTY, AND LOCAL CODES.
13. FOR BUILDING DIMENSIONS, SEE ARCHITECTURAL DRAWINGS.
14. ALL DIMENSIONS AND RADII ARE TO OUTSIDE FACE OF BUILDING OR TO FACE OF CURB UNLESS OTHERWISE NOTED.
15. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL INSPECTIONS, CERTIFICATIONS, EQUIPMENT, ETC., THAT MAY BE REQUIRED.
16. THE ENGINEER AND/OR OWNER DISCLAIM ANY ROLE IN THE CONSTRUCTION MEANS AND METHODS ASSOCIATED WITH THE PROJECT AS SET FORTH IN THESE PLANS.

GENERAL STORM SEWER NOTES

- 1. ALL STORM SEWERS SHALL BE CONSTRUCTED IN ACCORDANCE WITH PENDER COUNTY AND THE STATE OF NORTH CAROLINA REQUIREMENTS AS SPECIFIED ON THE DRAWINGS AND IN THE PROJECT SPECIFICATIONS.
2. BEDDING FOR ALL STORM SEWER PIPE SHALL BE AS SPECIFIED ON THE DRAWINGS, PROJECT SPECIFICATIONS, AND MANUFACTURER SPECIFICATIONS.
3. ALL STORM SEWER PIPES TO BE HDPE ADS N-12 OR EQUIVALENT, UNLESS OTHERWISE SPECIFIED.
4. ALL STORM SEWER PIPES SHOWN AS RCP ON THE PLANS SHALL BE REINFORCED CONCRETE PIPE CONFORMING TO ASTM C-76, UNLESS INDICATED OTHERWISE ON PLANS.

GENERAL FIRE MARSHALL NOTES:

- 1. BUILDING WILL REQUIRE SPRINKLER AND FIRE ALARM PURSUANT TO NCSFC, NFPA 13 & 72.
2. FIRE EXTINGUISHERS IN COMMON AREAS PURSUANT TO NCSFC CHAP. 9.
3. PURSUANT TO 905.3.1, THE BUILDING IS ABOVE 30 FT AND WILL REQUIRE A STANDPIPE SYSTEM. POOL/CLUBHOUSE WILL BE REQUIRED TO HAVE SPRINKLER, ALARM AND EMERGENCY CALL BOX.
4. BUILDING WILL REQUIRE A BDA DUE TO SIZE, CONSTRUCTION MATERIALS AND MULTIPLE FLOOR LEVELS PURSUANT TO NCSFC SECTION 510.
5. A HYDRANT WILL BE NEED TO BE WITHIN 100 FT OF THE FDC FOR THE STANDPIPE SYSTEM AND THE STANDPIPE WILL NEED TO BE ACCESSIBLE ON ALL FOUR FLOORS PLUS THE INNER COURTYARD.
6. A KNOX BOX WILL NEED TO BE PROVIDED FOR KEY ACCESS TO ALL COMMON AREAS.

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.

UTILITY CONTACTS:

- 1. CONTACT THE NORTH CAROLINA ONE CALL CENTER PRIOR TO DOING AND DIGGING. 1-800-632-4949
DUKE ENRGY: JOHN ELLIOT - john.elliott@pnmail.com

NOTICE REQUIRED

ALL EXISTING UNDERGROUND UTILITIES SHALL BE PHYSICALLY LOCATED BY CONTRACTOR 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 THREE WORKING DAYS, BUT NOT MORE THAN TWELVE WORKING DAYS PRIOR TO ANY EXCAVATION OR DEMOLITION.

CONTACT "CAROLINA ONE CALL" AT 1-800-632-4949 or 811
EMERGENCY DIAL 911 POLICE - FIRE - RESCUE

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Table with 4 columns: No, Revision, Date, By.

Table with 2 columns: Designation, Value. Includes Designer (MNH), Scale (AS SHOWN), Drawn By (MNH), Date (JUNE, 2023), Checked By (MNH), Job No.

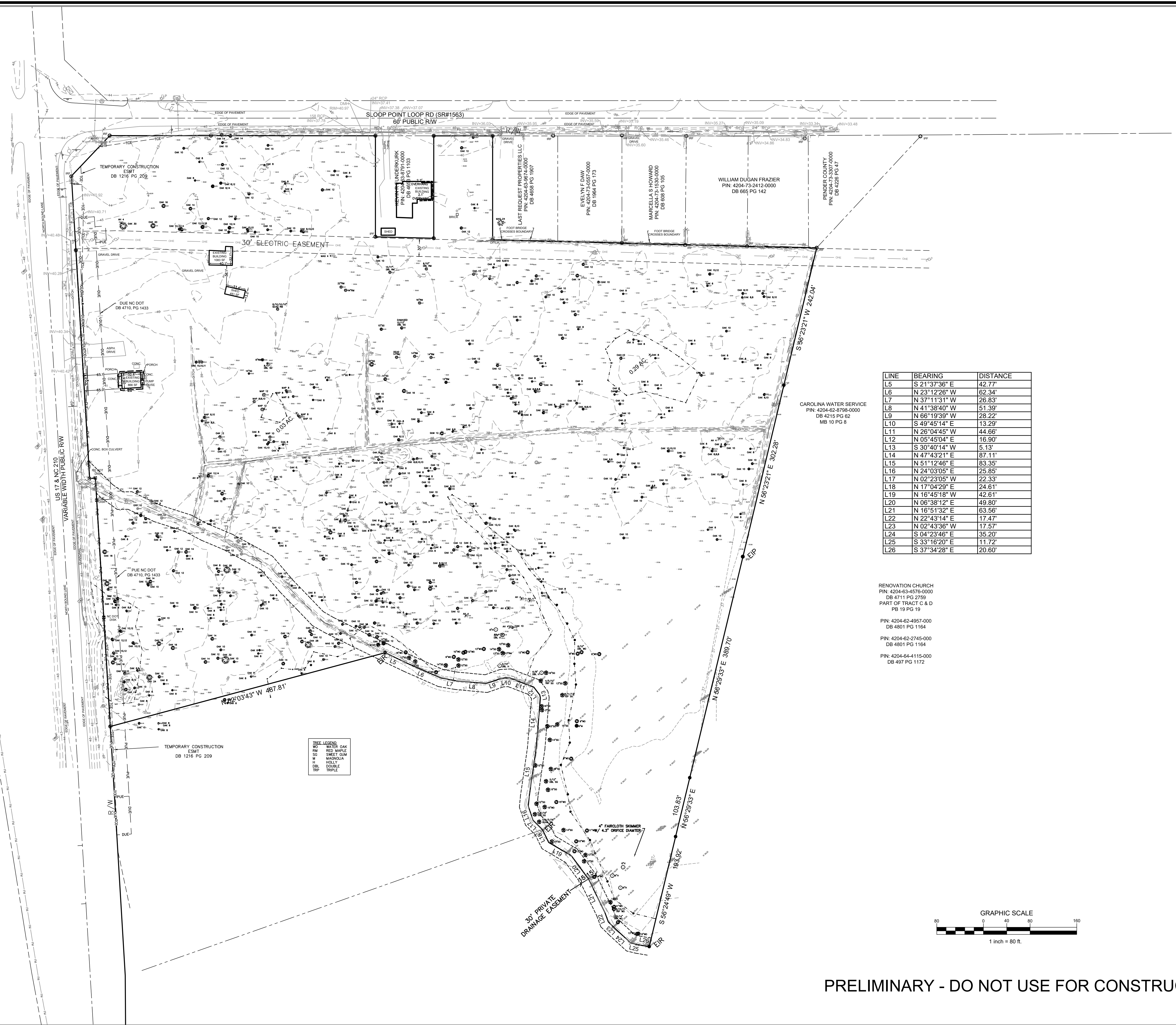
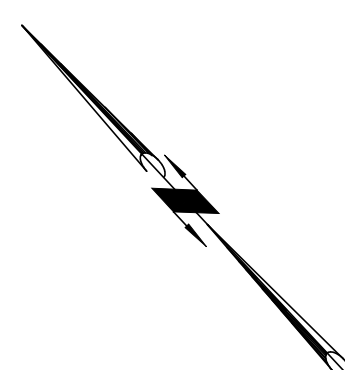
RENOVATION CHURCH
PENDER COUNTY NORTH CAROLINA

RENOVATION CHURCH
PO BOX 1189
HAMPSTEAD, NC 28443

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6216 STONEBRIDGE ROAD
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GENERAL NOTES

Table with 2 columns: Sheet No., C-1

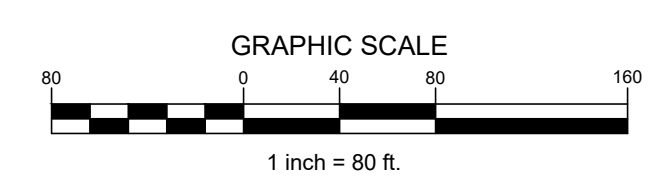


LINE	BEARING	DISTANCE
L5	S 21°37'36" E	42.77'
L6	N 23°12'26" W	62.34'
L7	N 37°11'31" W	26.83'
L8	N 41°38'40" W	51.39'
L9	N 66°19'39" W	28.22'
L10	S 49°45'14" E	13.29'
L11	N 26°04'45" W	44.66'
L12	N 05°45'04" E	16.90'
L13	S 30°40'14" W	5.13'
L14	N 47°43'21" E	87.11'
L15	N 51°12'46" E	83.35'
L16	N 24°03'05" E	25.85'
L17	N 02°23'05" W	22.33'
L18	N 17°04'29" E	24.61'
L19	N 16°45'18" W	42.61'
L20	N 06°38'12" E	49.80'
L21	N 16°51'32" E	63.56'
L22	N 22°43'14" E	17.47'
L23	N 02°43'36" W	17.57'
L24	S 04°23'46" E	35.20'
L25	S 33°16'20" E	11.72'
L26	S 37°34'28" E	20.60'

CAROLINA WATER SERVICE
 PIN: 4204-62-8798-0000
 DB 4215 PG 62
 MB 10 PG 8

RENOVATION CHURCH
 PIN: 4204-63-4576-0000
 DB 4711 PG 2759
 PART OF TRACT C & D
 FB 19 PG 19
 PIN: 4204-62-4957-0000
 DB 4801 PG 1164
 PIN: 4204-62-2745-0000
 DB 4801 PG 1164
 PIN: 4204-64-4115-0000
 DB 497 PG 1172

TREE LEGEND
 WQ WATER OAK
 WM RED MAPLE
 WSW SWEET GUM
 W MAGNOLIA
 WY YOLLY
 DBL DOUBLE
 TRP TRIPLE



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 Drawn By: MNH
 Date: JUNE, 2023
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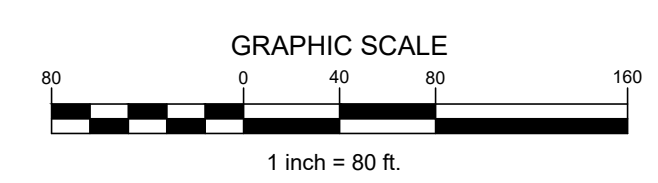
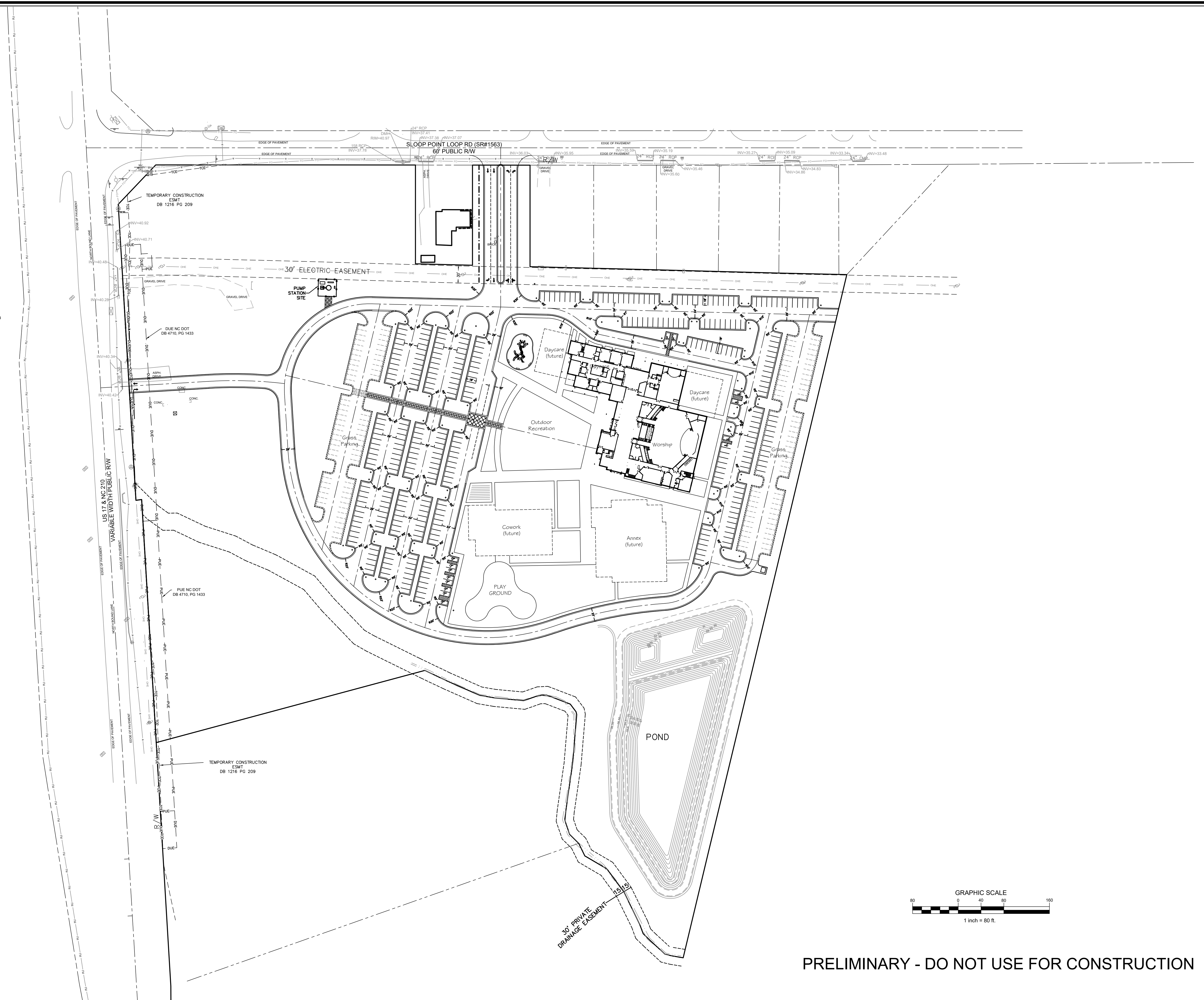
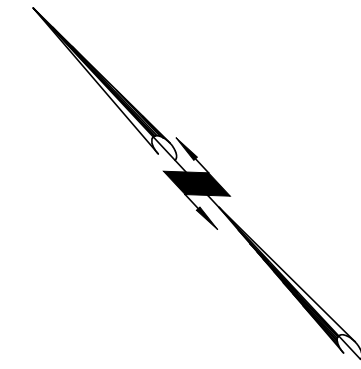
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 HAMPSTEAD
 NORTH CAROLINA

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EXISTING CONDITIONS

Sheet No.
C-2



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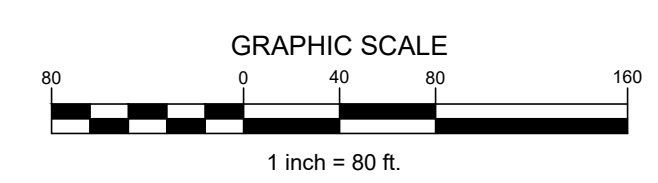
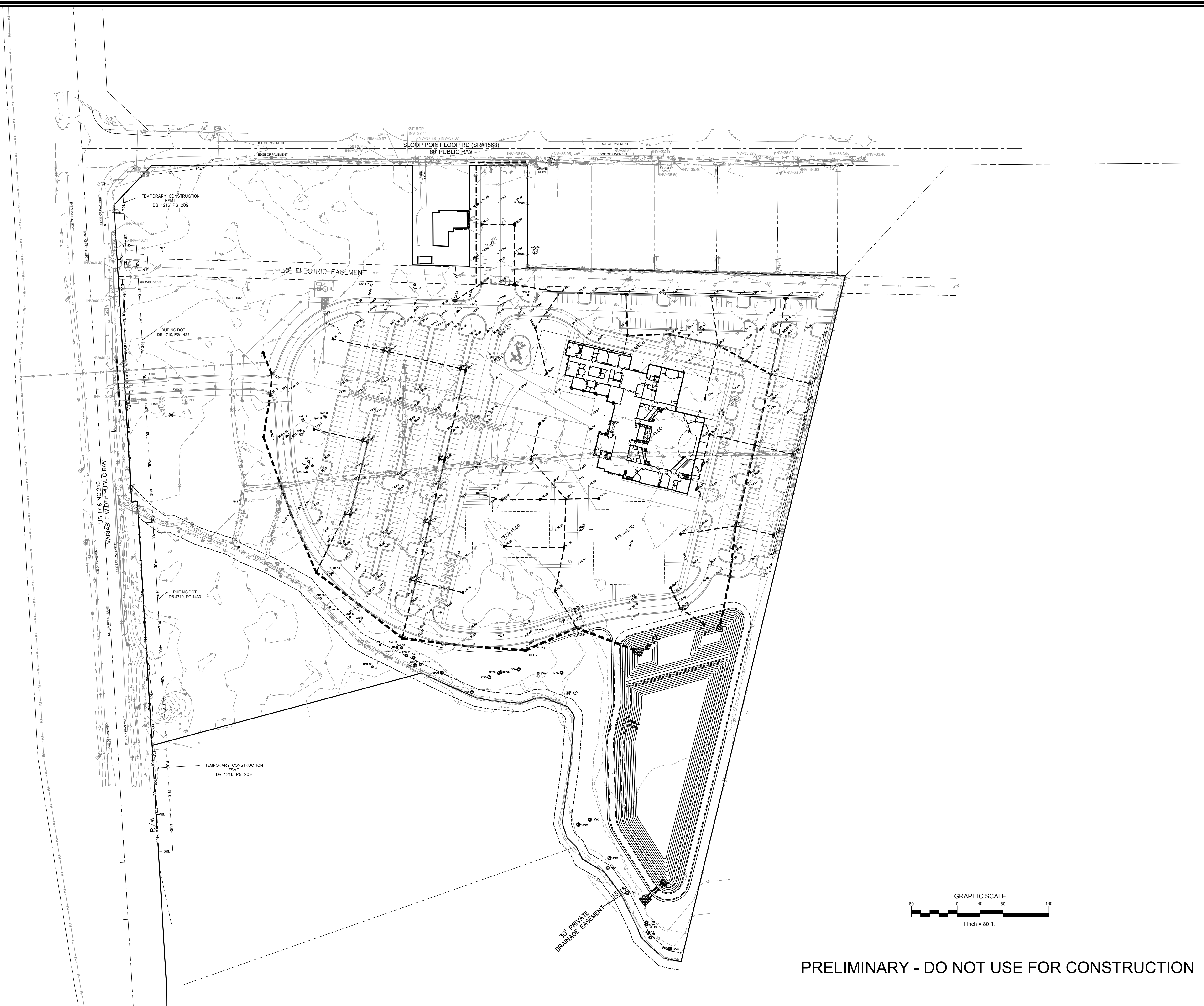
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Preliminary Site Plan

Sheet No.
C-3



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Drawn By	MNH	Date	JUNE, 2023
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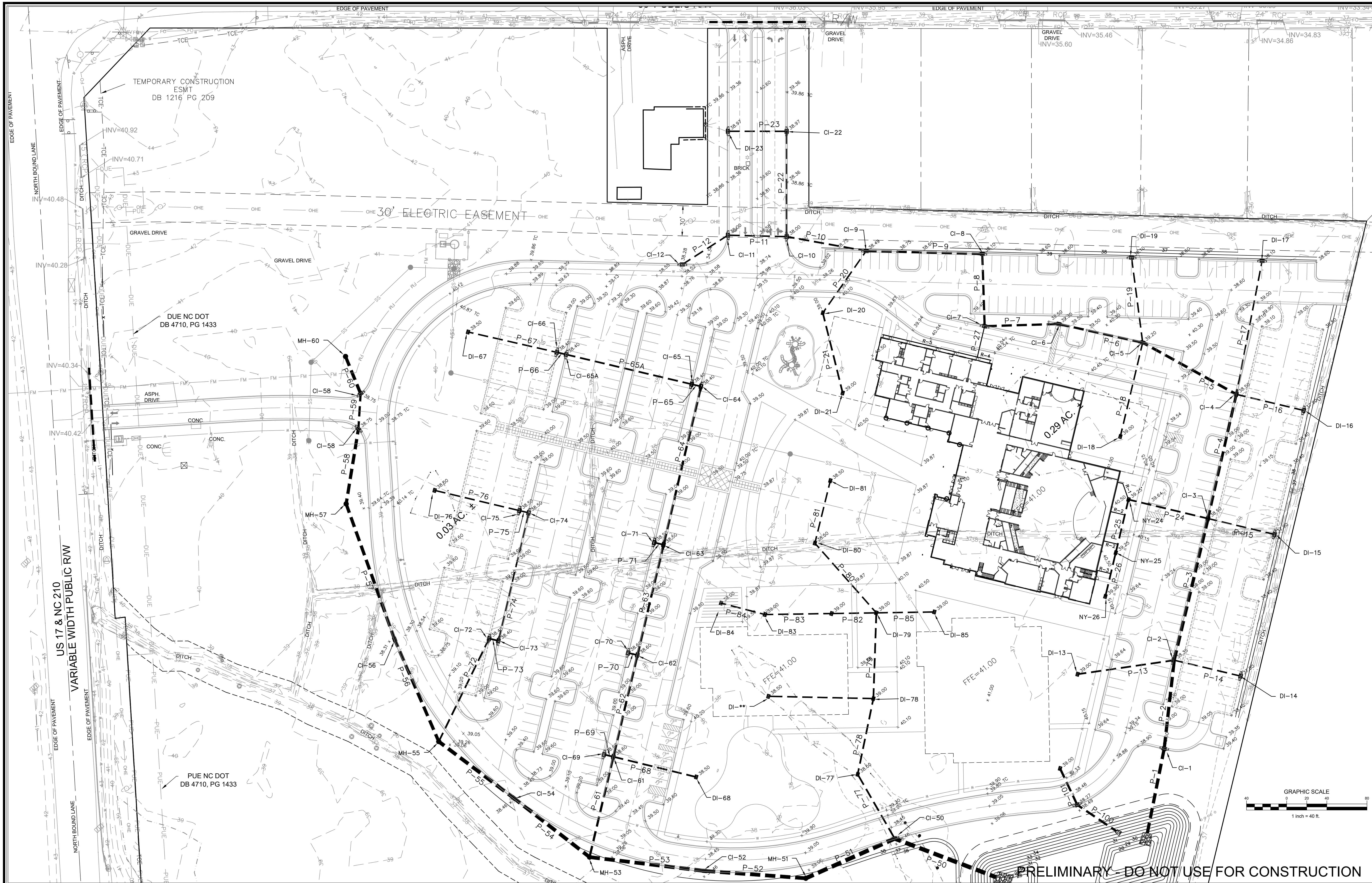
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GRADING & DRAINAGE PLAN

Sheet No.
C-4



PRELIMINARY - DO NOT USE FOR CONSTRUCTION

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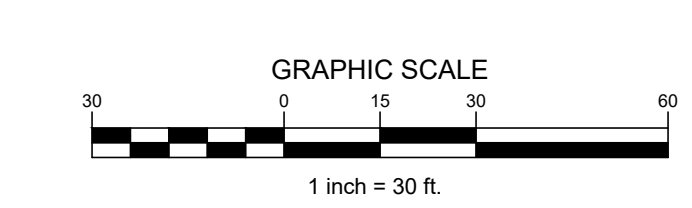
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GRADING & DRAINAGE PLAN

Sheet No.
C-4.1



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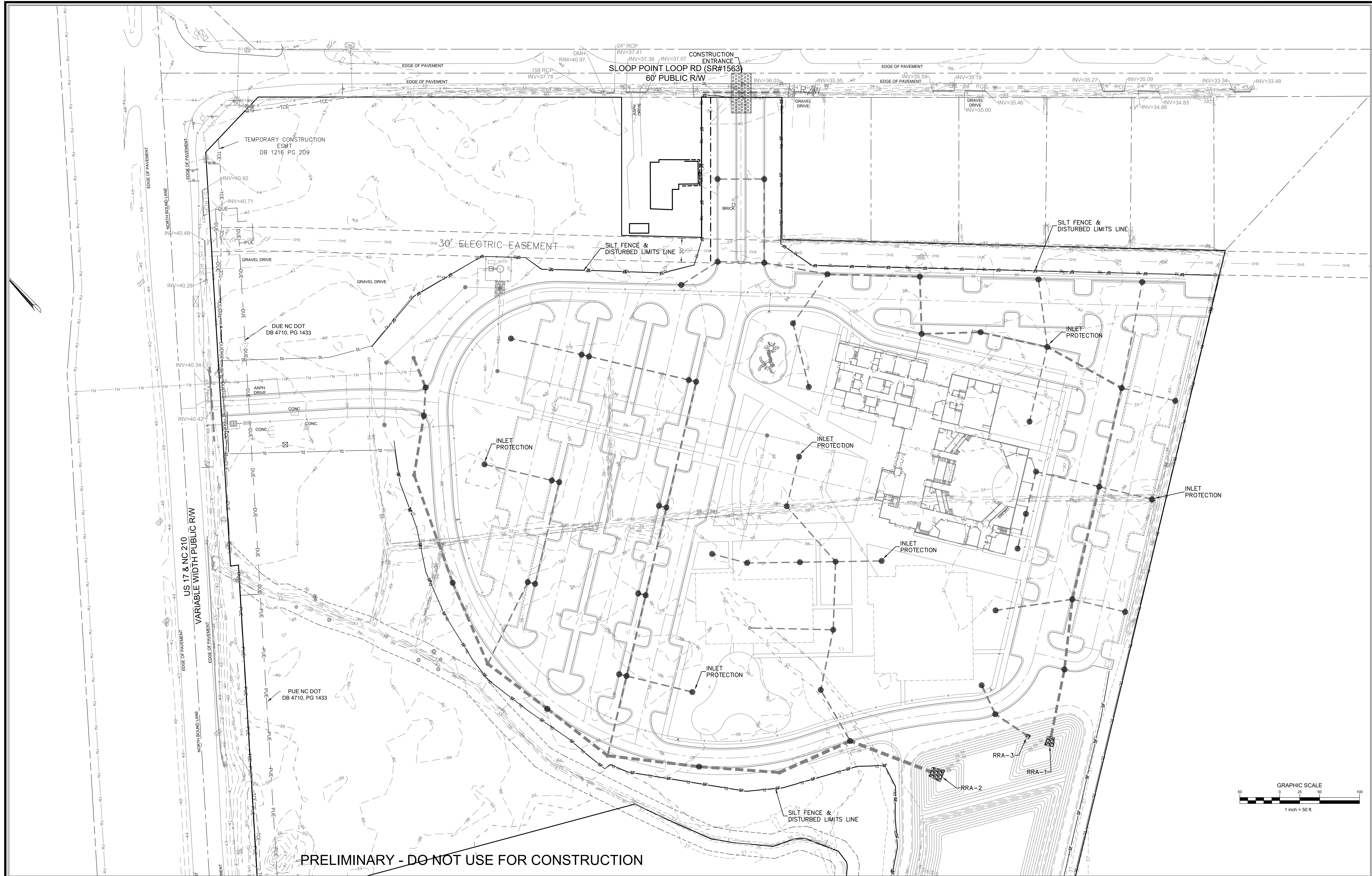
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 NORTH CAROLINA

RENOVATION CHURCH
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 HAMPSTEAD, NC 28443

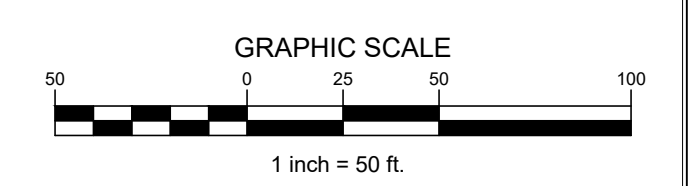
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GRADING & DRAINAGE PLAN

Sheet No.
C-4.1



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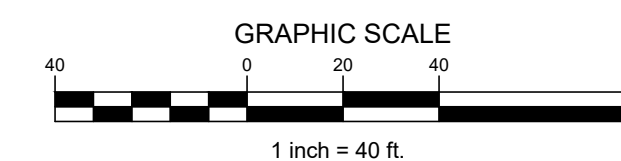
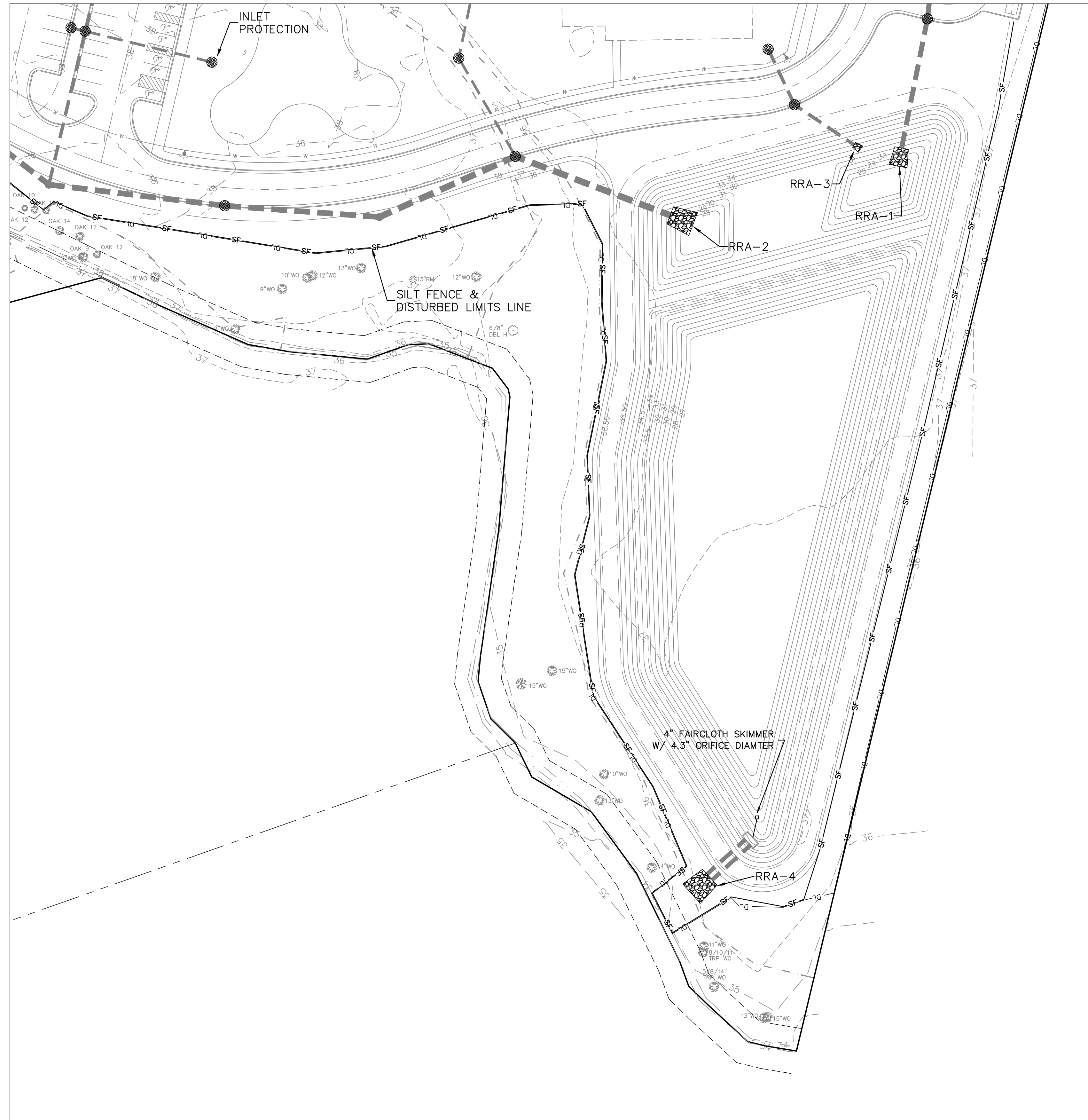
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EROSION CONTROL PLAN

Sheet No.
C-5



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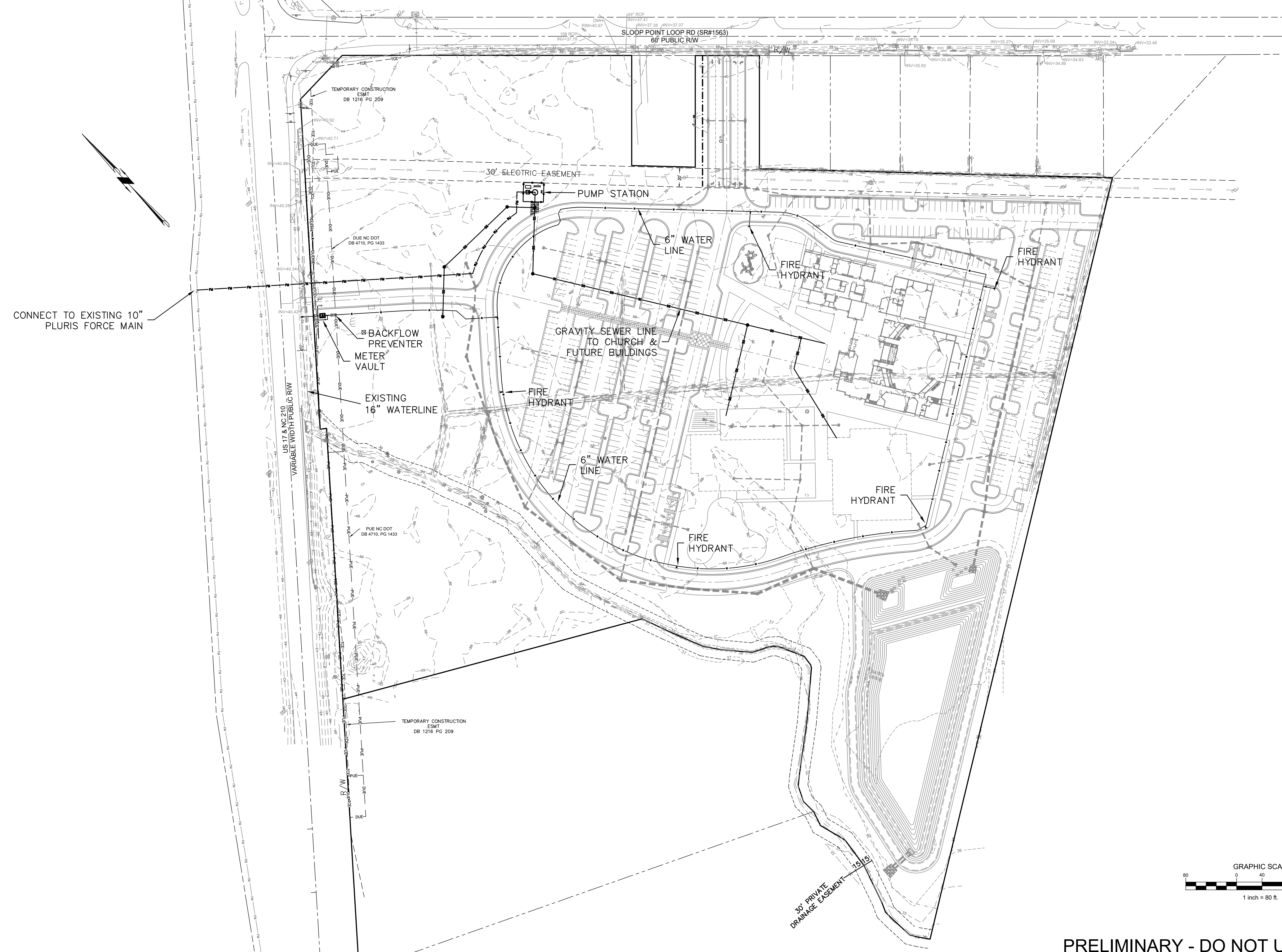
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HAMPSTEAD NORTH CAROLINA

RENOVATION CHURCH
16579 HWY 17
HAMPSTEAD, NC 28443

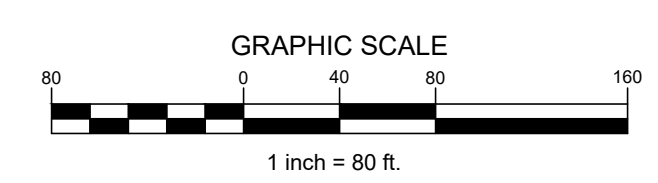
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EROSION CONTROL PLAN

Sheet No.
C-5.1



CONNECT TO EXISTING 10"
PLURIS FORCE MAIN



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Checked By	MNH	Job No.	

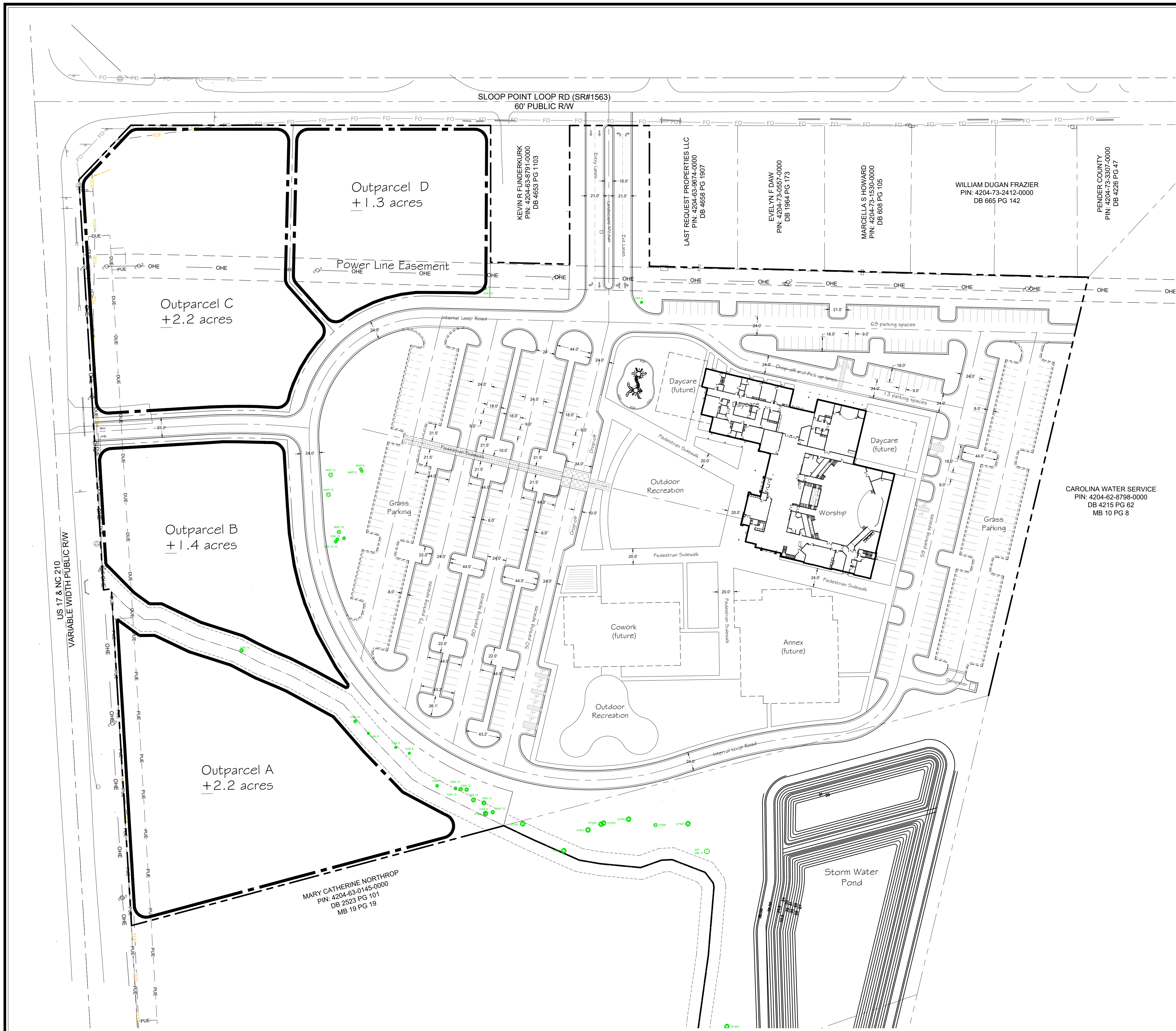
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UTILITY PLAN

Sheet No.
C-6



Project Narrative

The overall project acreage for the site is 24.79 acres, the focal point of the project is centered around the main worship auditorium in a campus style design with daycare facilities in addition to future buildings that will be built in the future. Main access to the site will be from Hwy 17 and Sloop Pointe Loop Road.

This project will be built in phases, the first being the main worship auditorium, outdoor gathering area and daycare facility, 346 parking spaces will be provided in the initial construction and grass area adjacent to the parking areas will be converted to standard parking spaces as the development progresses.

Four out parcels will be sold to individual development entities, these parcels will be provided utility stub outs from the internal loop road with the exception of water which will be provided from Hwy 17 and Sloop Point Loop Road, these out parcels will remain vegetated and the individual developers will be required to submit site specific site plans to Pender County for approval prior to construction.

A regional storm water pond will provide storm water management for the entire site with the exception of out parcel "A". A TIA is being prepared and coordinated with NCDOT, a scoping meeting has occurred with NCDOT.

Site Tabulations

Owner/Applicant
Renovation Church
 16579 Hwy 17
 Hamstead, NC 28443

Property Identification PIN
 4204-63-4576-0000
 4204-64-4115-0000
 4204-62-4957-0000
 4204-62-2745-0000

Pender County Zoning
 GB - General Business

Project Address
 19240 Hwy 17
 Hamstead, NC 28443

Proposed Uses Phase One
 Worship Auditorium - 5000 sf assembly area
 Daycare - 151 children
 Daycare Employees - 19
 Outdoor recreation -25,000 sf
 (4) Outparcels - +/- 7.1 ac
 Parking (impervious) 346 spaces

Proposed Uses Future Buildout
 Daycare Expansion - 120 children
 Daycare Expansion Employees - 6
 Annex - 2600 sf assembly area
 Cowork - 15,000 sf (general office)

Phase One Parking Requirements
 Worship Auditorium - 5000 sf/28 sf = 179 spaces
 Daycare - 151 children(1 space/10) = 16
 Daycare Employees - 19 (1/employee) = 19
 Outdoor recreation -25,000 sf (1/1000sf) = 25
 Outparcels will be determined at site specific submittal

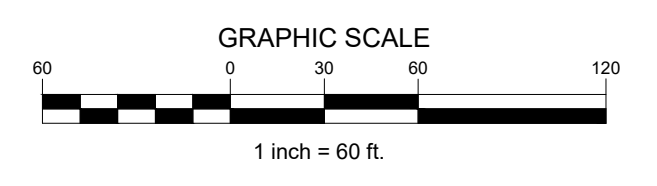
Total Parking Required - Phase One 239
Total Parking Provided - Phase One 346

Future Buildout Parking Requirements
 Daycare Expansion - 120 children (1 space/10) = 12
 Daycare Expansion Employees - 6 (1 space/employee) = 6 spaces
 Annex - 2600 sf assembly area- 2600/28 = 93 spaces
 Cowork - 15,000 sf (general office) - 1/300sf = 50 spaces

Total Parking Required - Future Buildout 161
Total Parking Provided - Future Buildout 400
 *Grass parking areas will be converted to meet the total master plan buildout

ADA - Accessible Parking Spaces
 Phase one ADA - 239 parking spaces -7 required
 Phase one ADA spaces provided -12 required
 Future Buildout ADA spaces - (400 spaces) 9 required
 Future Buildout ADA spaces - (400 spaces)12 provided

Typical Parking Space Dimension 9' x 18'
 Overall Site Acreage 24.79



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RENOVATION CHURCH
 NORTH CAROLINA
 HAMPSTEAD

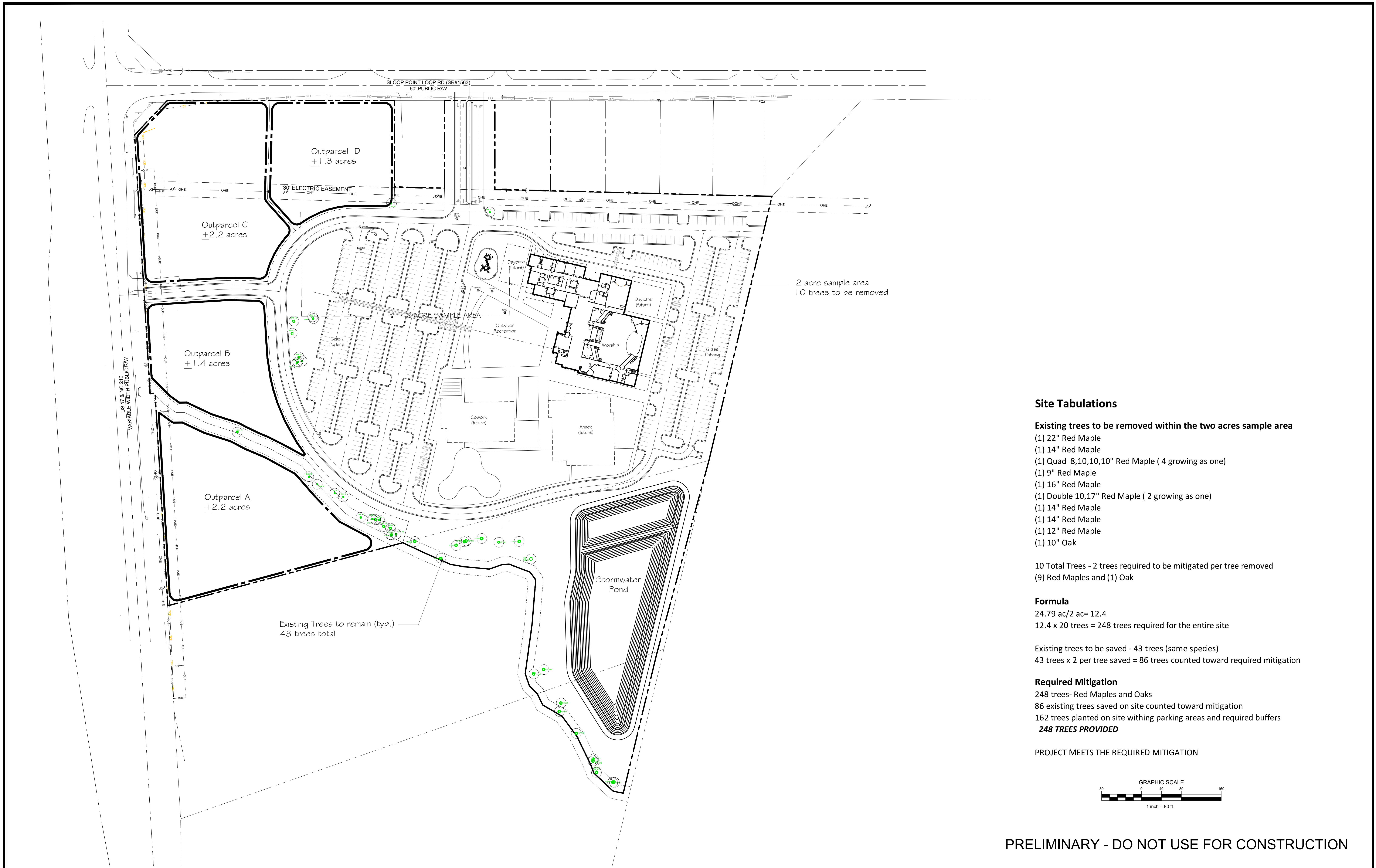
RENOVATION CHURCH
 16579 HWY 17
 HAMPSTEAD, NC 28443

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Zoning Conformance Plan

Sheet No.
L-1



Site Tabulations

Existing trees to be removed within the two acres sample area

- (1) 22" Red Maple
- (1) 14" Red Maple
- (1) Quad 8,10,10,10" Red Maple (4 growing as one)
- (1) 9" Red Maple
- (1) 16" Red Maple
- (1) Double 10,17" Red Maple (2 growing as one)
- (1) 14" Red Maple
- (1) 14" Red Maple
- (1) 12" Red Maple
- (1) 10" Oak

10 Total Trees - 2 trees required to be mitigated per tree removed
 (9) Red Maples and (1) Oak

Formula

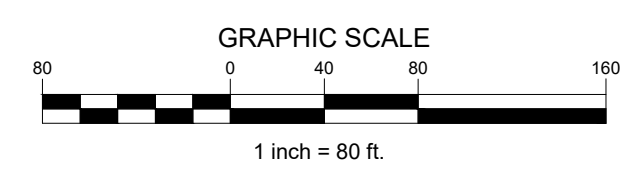
24.79 ac/2 ac= 12.4
 12.4 x 20 trees = 248 trees required for the entire site

Existing trees to be saved - 43 trees (same species)
 43 trees x 2 per tree saved = 86 trees counted toward required mitigation

Required Mitigation

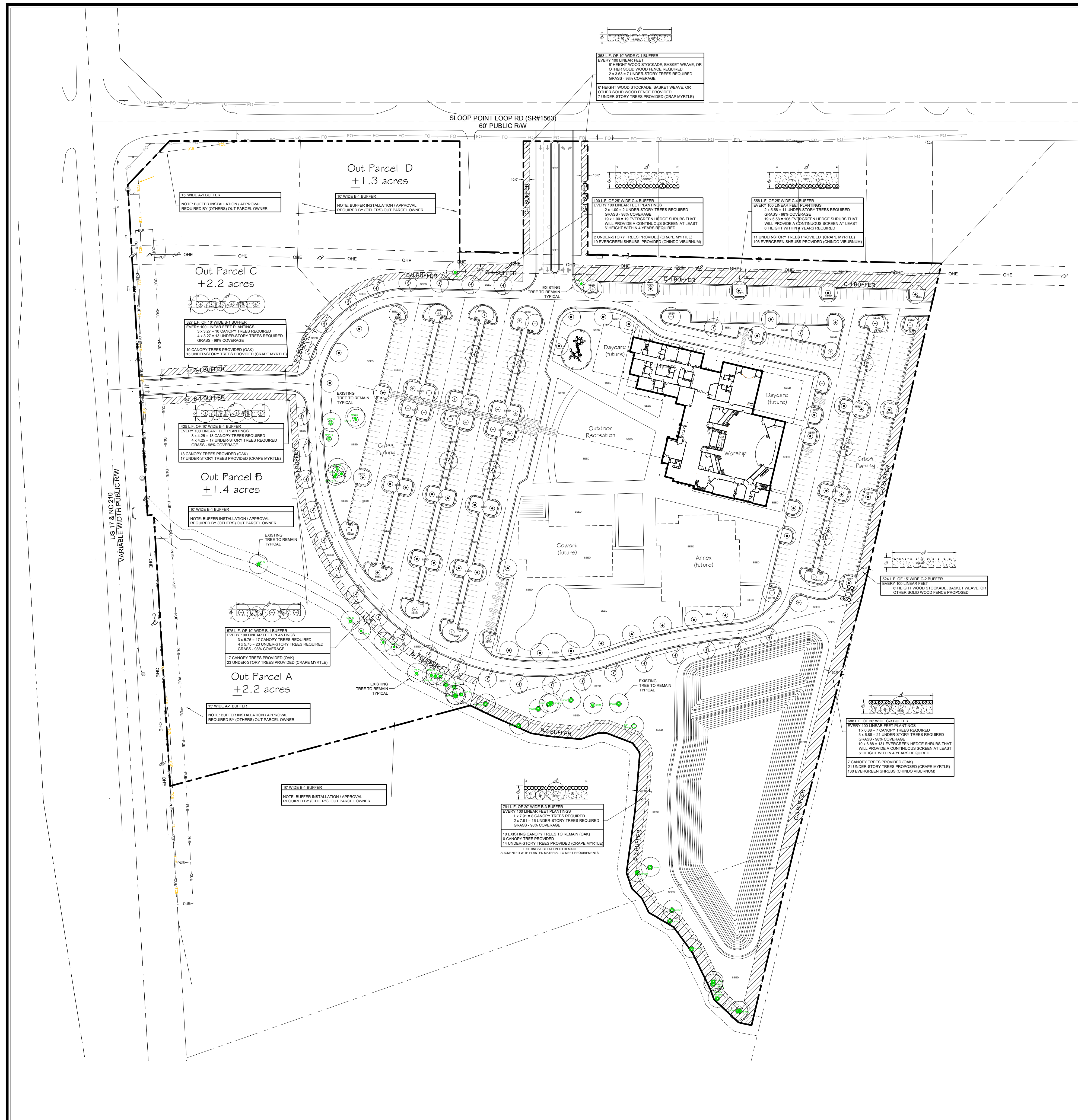
248 trees- Red Maples and Oaks
 86 existing trees saved on site counted toward mitigation
 162 trees planted on site withing parking areas and required buffers
248 TREES PROVIDED

PROJECT MEETS THE REQUIRED MITIGATION



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				Drawn By	H+W	Date	JUNE, 2023			
				Checked By	MNH	Job No.				
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RENOVATION CHURCH HAMPSTEAD NORTH CAROLINA	RENOVATION CHURCH 16579 HWY 17 HAMPSTEAD, NC 28443	PORT CITY CONSULTING ENGINEERS, PLLC 6216 STONEBRIDGE ROAD WILMINGTON, NC 28409 910-599-1744 LICENSE No. P-1032	Tree Mitigation Plan							

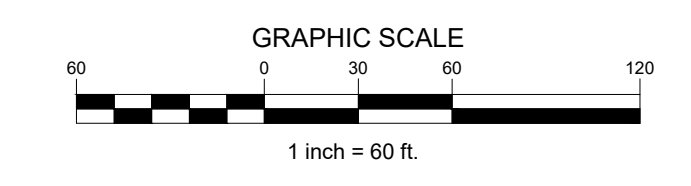


PLANTING NOTES

- CANOPY TREES SHALL BE OF A SPECIES HAVING AN AVERAGE MINIMUM HEIGHT OF 15 FEET AND A MINIMUM MATURE CROWN SPREAD OF 20 FEET. AT THE TIME OF PLANTING, THE TREE SHALL HAVE A MINIMUM CALIPER OF 2 INCHES. SHALL HAVE A PLANTING AREA NO LESS THAN 7 FEET IN RADIUS.
- UNDER-STORY TREES SHALL BE OF A SPECIES HAVING AN AVERAGE MINIMUM HEIGHT OF 8 FEET AND A MINIMUM MATURE CROWN SPREAD OF 12 FEET. AT THE TIME OF PLANTING THE TREE SHALL HAVE MINIMUM HEIGHT OF 4 FEET. SHALL HAVE A PLANTING AREA OF NO LESS THAN 4 FEET IN RADIUS.
- SCREENING SHRUBS AND ORNAMENTAL SHRUBS, AT THE TIME OF PLANTING, SHALL BE A MINIMUM OF 3 GALLONS AND HAVE A MINIMUM MATURE HEIGHT OF 18 INCHES.
- THE RESPONSIBILITY FOR MAINTENANCE OF A REQUIRED BUFFER OR OTHER LANDSCAPING SHALL REMAIN WITH THE OWNER OF THE PROPERTY, HIS OR HER SUCCESSORS, HEIRS, ASSIGNEES OR ANY CONSENTING GRANTEE. MAINTENANCE IS REQUIRED IN ORDER TO ENSURE THE PROPER FUNCTIONING OF THE PLANTINGS AS A LANDSCAPED AREA WHICH REDUCES OR ELIMINATES NUISANCE AND/OR CONFLICT.
- SINGLE ROW PARKING TERMINALS CANNOT EXTEND MORE THAN ONE-HUNDRED AND TWENTY (120) FEET. MUST INCLUDE A MINIMUM PERVIOUS AREA OF THREE HUNDRED (300) SQUARE FEET WITH A MINIMUM WIDTH OF TWELVE (12) FEET. SHALL CONTAIN AT LEAST ONE (1) CANOPY TREE. MAXIMUM TWO (2) FOOT HIGH SCREENING SHRUBS SHALL BE UTILIZED THE ENTIRE LENGTH OF THE LANDSCAPE ISLAND, OR AS LIMITED BY SIGHT DISTANCES.
- INTERMEDIATE LANDSCAPE ISLANDS SHALL BE PROVIDED FOR EVERY ADDITIONAL TWENTY (20) PARKING SPACES. SHALL HAVE A MINIMUM PERVIOUS AREA OF THREE HUNDRED (300) SQUARE FEET AND A MINIMUM WIDTH OF TWELVE (12) FEET, AND SHALL CONTAIN AT LEAST ONE (1) CANOPY TREE.
- ALL TREES IN THE PARKING LOTS SHALL BE CANOPY TREES. LOOP ROAD; CANOPY TREES SHALL BE PLANTED AN AVERAGE OF FIFTY (50) FOOT CENTERS AROUND THE TOTAL PERIMETER OF THE PARKING LOT.
- LOCATE CANOPY TREES CENTERED WITHIN 8' WIDE LANDSCAPE STRIP ON PARKING STRIP, IF POSSIBLE, TO AVOID CONFLICT WITH AUTOMOBILE OVERHANG.

PLANT LIST

SYMBOL	QTY.	SCIENTIFIC NAME	COMMON NAME	HEIGHT/SPREAD	CAL.	GAL. CONT.	REMARKS
TREES							
(Symbol)	38	ACER RUBRUM	RED MAPLE	8'-10' HT	2.0"		MATCHED SPECIMEN, FULL STRAIGHT TRUNK
(Symbol)	36	LAGERSTROEMIA INDICA X FAURIEI 'MUSKOGEE'	MUSKOGEE CRAPE MYRTLE	4'-6' HT		15	MATCHED SPECIMEN, FULL MULTI-TRUNK, MIN. 3 TRUNKS
(Symbol)	72	LAGERSTROEMIA X NATCHEZ	NATCHEZ CRAPE MYRTLE	4'-6' HT		15	MATCHED SPECIMEN, FULL MULTI-TRUNK, MIN. 3 TRUNKS
(Symbol)	45	QUERCUS NUTTALI	NUTTALL OAK	8'-10' HT	2.0"		MATCHED SPECIMEN, FULL STRAIGHT TRUNK
(Symbol)	79	QUERCUS VIRGINIANA	LIVE OAK	8'-10' HT	2.0"		MATCHED SPECIMEN, FULL STRAIGHT TRUNK
SHRUBS AND GROUNDCOVER							
(Symbol)	260	VIBURNUM AWABUKI 'CHINDO'	CHINDO VIBURNUM	36" HT		7	FULL, 5' O.C.
(Symbol)	66	BUXUS MICROPHYLLA	LITTLE LEAF BOXWOOD	24" HT		3	FULL
LAWN AND MULCH							
SEED - CENTIPEDE, USE MANUFACTURERS SPECIFICATIONS FOR INSTALLATION							
MULCH - PINE STRAW LONG NEEDLE							



SEE SHEET L-4 FOR PLANT DETAILS, AND SPECIFICATIONS

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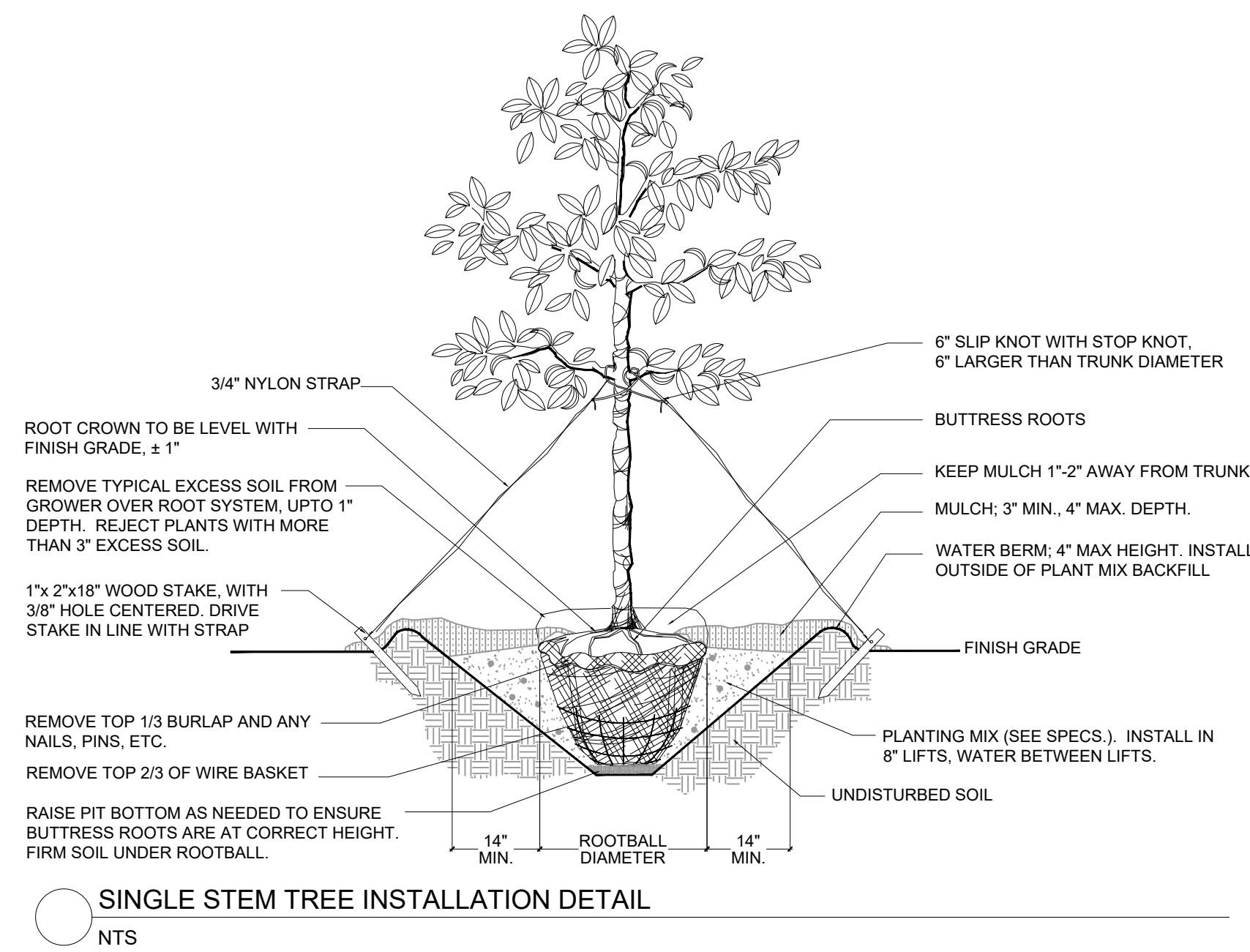
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HAMPSTEAD

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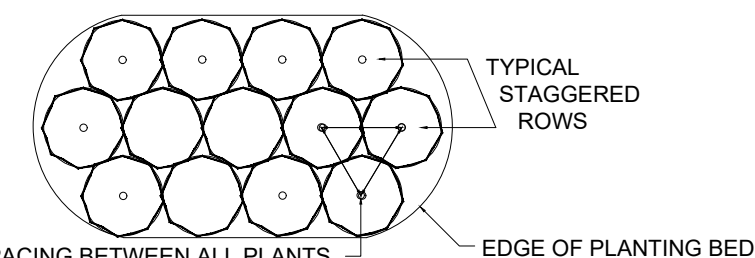
Planting Plan



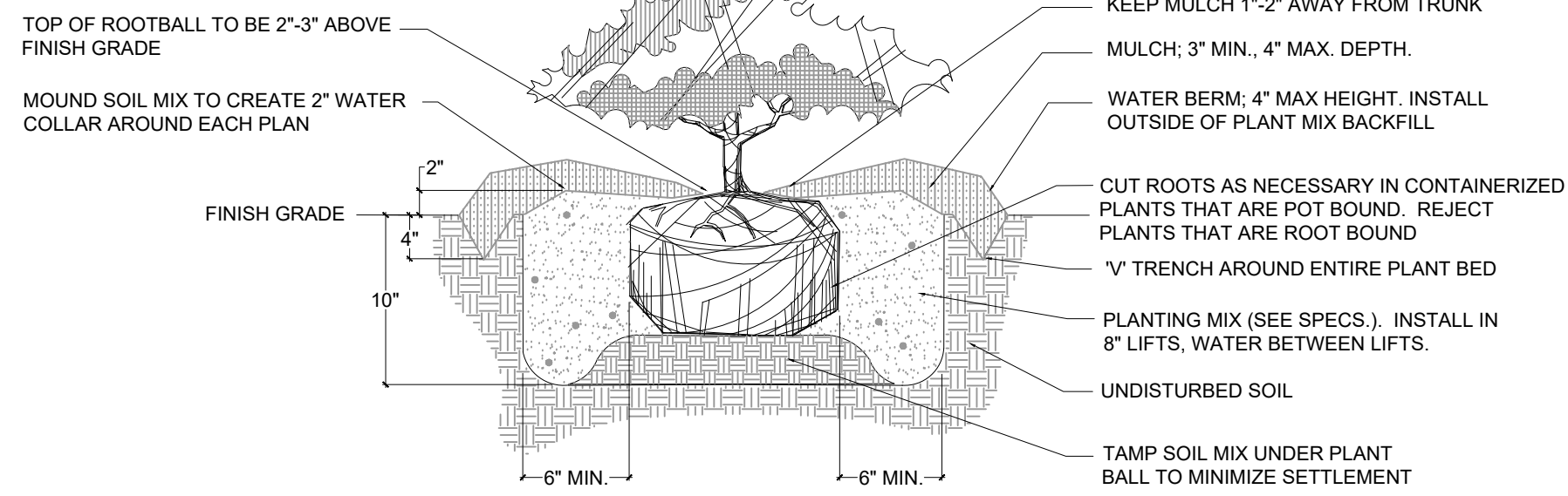
SINGLE STEM TREE INSTALLATION DETAIL

NTS

- NOTES:**
1. OMIT COLLAR AROUND EACH SHRUB WHEN IRRIGATION SYSTEM IS PRESENT.
 2. INSTALL TOP OF PLANT BALL 2" ABOVE ADJACENT GRADE
 3. TAMP PLANT SOIL MIX FIRMLY IN 8" LIFTS AROUND PLANT BALL
 4. SOAK PLANT BALL AND PIT IMMEDIATELY AFTER INSTALLATION.



TYPICAL PLANTING BED LAYOUT



SHRUB INSTALLATION DETAIL

NTS

GENERAL PLANTING NOTES

1. PRIOR TO EXCAVATIONS, CONTRACTOR SHALL NOTIFY ULOCO AT 1-800-632-4949 TO ASCERTAIN LOCATIONS OF ELECTRICAL CABLES, CONDUIT, UTILITY LINES, OIL TANKS, GAS LINES, TELEPHONE LINES, WATER LINES, CABLE LINES, SANITARY SEWER LINES, SUPPLY LINES, SUBSURFACE DRAINAGE, AND IRRIGATION LINES, ETC. NOTIFY THE CITY SHOULD THE ABOVE MENTIONED SUBSURFACE IMPROVEMENTS PRESENT AN OBSTRUCTION IN LOCATIONS DESIGNATED FOR PLANTING. IN SUCH SITUATIONS, PROCEED AFTER THE OWNERS REPRESENTATIVE HAS APPROVED AN ALTERNATE LOCATION. DAMAGE INCURRED BY THE CONTRACTOR SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR IN A TIMELY MANNER TO THE SATISFACTION OF THE OWNER.
2. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF QUANTITIES IN THE PLANT SCHEDULE. ANY DISCREPANCIES BETWEEN QUANTITIES ON THE PLANS AND THE PLANT SCHEDULE SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT. ANY FIELD ADJUSTMENTS OR QUANTITY ADJUSTMENTS MUST BE AUTHORIZED PRIOR TO PLANTING.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL PLANTING PITS PERCOLATE PROPERLY PRIOR TO PLANTING INSTALLATION.
4. WHERE PROPOSED TREE LOCATIONS CONFLICT WITH EXISTING UTILITIES, TREES MAY BE FIELD ADJUSTED UNDER THE DIRECTION OF THE CITY INSPECTOR.

PLANT MATERIAL NOTES

1. ALL PLANT MATERIAL SHALL CONFORM TO THE MOST CURRENT STANDARDS ESTABLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN.
2. ALL PLANT MATERIAL SHALL BE GUARANTEED TO BE IN HEALTHY CONDITION FOR ONE YEAR AFTER ACCEPTANCE BY THE LANDSCAPE ARCHITECT OR OWNERS REPRESENTATIVE.
3. TREES SUPPLIED MUST HAVE BEEN PROPERLY PLANTED AND GROWN IN THE NURSERY. THE ROOT CROWN (ALSO CALLED THE TRUNK FLARE) SHALL BE EVIDENT NEAR THE TOP OF THE GROUND. ANY EXCESS SOIL UP TO 3 INCHES COVERING THE CROWN WILL HAVE TO BE REMOVED CAREFULLY BY HAND, IN ORDER TO PREVENT ROOT SCRAPES. THE TREE IS THEN TO BE PLANTED WITH THE ROOT CROWN IN PROPER RELATION TO THE SURROUNDING GRADE. ANY TREES WITH MORE THAN 3 INCHES OF SOIL ON TOP OF THE ROOT CROWN WILL BE REJECTED.
4. BALL AND BURLAP (B&B) PLANTS MUST HAVE FIRM, NATURAL BALLS OF EARTH, OF DIAMETER NOT LESS THAN RECOMMENDED IN THE "TREE AND SHRUB TRANSPLANTING MANUAL", AND BE OF SUFFICIENT DEPTH TO INCLUDE THE FIBROUS AND FEEDING ROOTS. PLANTS MOVED WITH A BALL WILL NOT BE ACCEPTED IF THE BALL IS DRY, CRACKED OR BROKEN BEFORE OR DURING PLANTING OPERATIONS.
5. CONTAINERIZED PLANTS SHALL HAVE A ROOT SYSTEM SUFFICIENT ENOUGH IN DEVELOPMENT TO HOLD THE SOIL INTACT WHEN REMOVED FROM THE CONTAINER. THE ROOT SYSTEM SHALL NOT BE ROOT BOUND, A CONDITION WHERE THE ROOT SYSTEM IS DENSE IN MASS, EXCESSIVELY INTERTWINED, AND HAS ESTABLISHED A CIRCULAR GROWTH PATTERN.
6. ALL TREES SHALL MEET AMERICAN STANDARD FOR NURSERY STOCK (ANSI, 1990, PART 1, "SHADE AND FLOWERING TREES").

TREE PLANTING NOTES

1. REMOVE ALL TREATED OR PLASTIC-COATED BURLAP, STRAPPING, WIRE OR NYLON TWINE FROM ROOTBALL. AFTER SETTING IN HOLE, CUT AWAY 2/3 OF WIRE BASKET, IF ANY, AND TOP 1/3 OF BURLAP.
2. SOAK ROOTBALL AND PIT IMMEDIATELY AFTER INSTALLATION.
3. TOP OF ROOTBALL TO BE 2" ABOVE ADJACENT UPHILL GRADE. DO NOT PLACE ADDITIONAL SOIL ON TOP OF ROOTBALL.
4. CONSTRUCT 4" HIGH SAUCER (WATER BERM) OUTSIDE OF PLANT MIX BACKFILL.
5. STAKES FOR TREE SUPPORT (LESS THAN 3" CAL.) SHALL BE CONSTRUCTION GRADE PRESSURE TREATED PINE, NOMINAL SIZE OF 2in. x 2in. x 18in. LONG AND POINTED AT ONE END. GUYING FABRIC SHALL BE ARBORTAPE, AS MANUFACTURED BY NEPTCO, PAWTUCKET, RI. (401) 722-5500 (OR APPROVED EQUAL). COLOR SHALL BE OLIVE DRAB.
6. STAKE TREES 3" CAL. OR GREATER WITH 'DUCK BILL' ANCHORS DRIVEN INTO UNDISTURBED SOIL. GUYING FABRIC SHALL BE 3/4" NYLON STRAPPING.

PLANTING MIX NOTES

1. PLANTING MIX MAY BE DEVELOPED BY AMENDING THE EXISTING SOIL OR REMOVING THE EXISTING SOIL AND REPLACING WITH NEW PLANTING MIX. IT SHALL BE UNIFORM COMPOSITION THROUGHOUT, WITH A MIXTURE OF SUBSOIL. IT SHALL BE FREE OF STONES, LUMPS, LIVE PLANTS AND THEIR ROOTS, STICKS, AND OTHER EXTRANEIOUS MATTER.
2. PLANTING MIX SHALL NOT BE USED WHILE IN A FROZEN OR MUDDY CONDITION.
3. THE PLANTING MIX SHALL CONTAIN THE FOLLOWING SPECIFIED PERCENTAGES OF CONSTITUENTS:
CLAY - MINIMUM 10% - MAXIMUM 20% CLAY
SILT - MINIMUM 30% - MAXIMUM 50%
ORGANIC MATERIAL - MINIMUM 5% - MAXIMUM 8%
SAND - BALANCE OF MIX
4. THE PLANTING MIX SHALL HAVE THE FOLLOWING NUTRIENTS AT THE SPECIFIED PERCENT BASE SATURATION, TO BE DETERMINED BY SOIL TEST CONDUCTED BY THE CONTRACTOR.
CALCIUM - 55% TO 80%
MAGNESIUM - 10% TO 30%
POTASSIUM - 5% TO 8%
5. ORGANIC MATERIAL IS DEFINED AS COMPOST/HUMUS SUCH AS SAWDUST OR LEAF MOLD THAT HAS COMPLETED THE DECOMPRESSION PROCESS. PERCENTAGE OF ORGANIC MATTER SHALL BE DETERMINED BY LOSS OF IGNITION, OF MOISTURE FREE SAMPLES DRIED AT 65 DEGREES.
6. PLANTING MIX SHALL HAVE AN ACIDITY RANGE OF pH 5.5 TO 7.0.

FERTILIZER NOTES

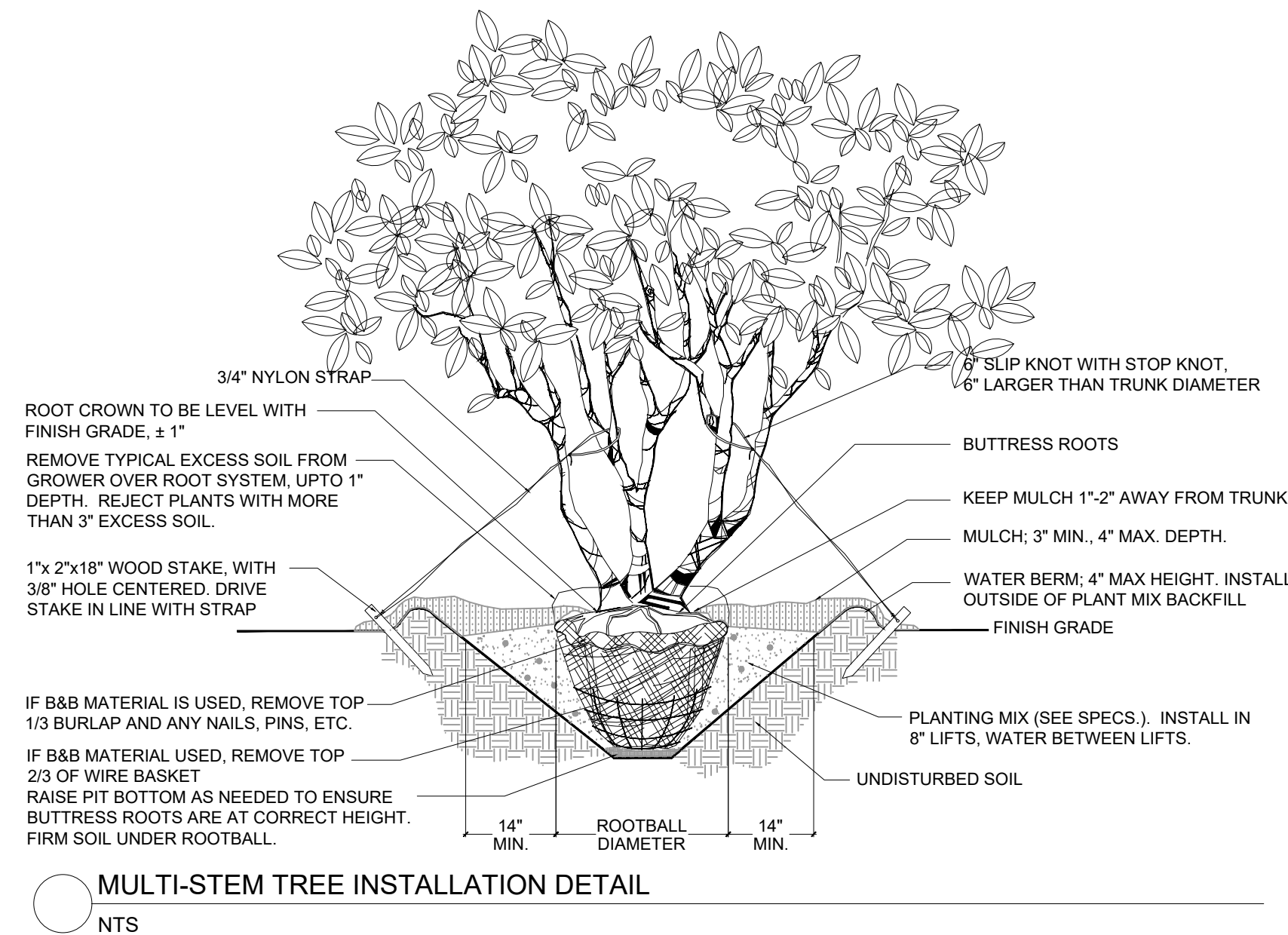
1. SHRUB AND GROUND COVER FERTILIZER, FROM THE FOLLOWING:
PRODUCT ANALYSIS APPL RATE
Ornamental plant fertilizer 12-6-6 2 lbs/100 Sq. Ft., or
Ornamental plant fertilizer 14-7-7 2 lbs/100 Sq. Ft.
2. SHRUB AND GROUND COVER FERTILIZER SHALL HAVE 50% WATER INSOLUBLE NITROGEN, THE CHLORINE CONTENT IS NOT TO EXCEED 5%.
3. NO TREE FERTILIZER IS TO BE APPLIED AT TIME OF PLANTING.
4. TREE FERTILIZER IS TO BE APPLIED AT THE 6 MONTH OR 12 MONTH WARRANTY INSPECTION TIME, WHICHEVER IS CLOSER TO EARLY SPRING BEGINNING GROWTH.
5. TREE FERTILIZER, FROM THE FOLLOWING:
PRODUCT ANALYSIS APPL RATE
Ornamental tree fertilizer 31-7-7 1cup/ inch caliper, or
Ornamental tree fertilizer 12-6-6 1 cup/ inch caliper
6. TREE FERTILIZER SHALL HAVE 50% WATER INSOLUBLE NITROGEN, THE CHLORINE CONTENT IS NOT TO EXCEED 5%.
7. SOURCE OF NITROGEN SHALL BE UREA FORMALDEHYDE OR A SIMILAR SLOW RELEASE SOURCE.

MULCH

1. MULCH SHALL BE FREE OF ANY FOREIGN MATERIALS, PIECES LARGER THAN 4 INCHES, AND/OR GREEN WOOD.

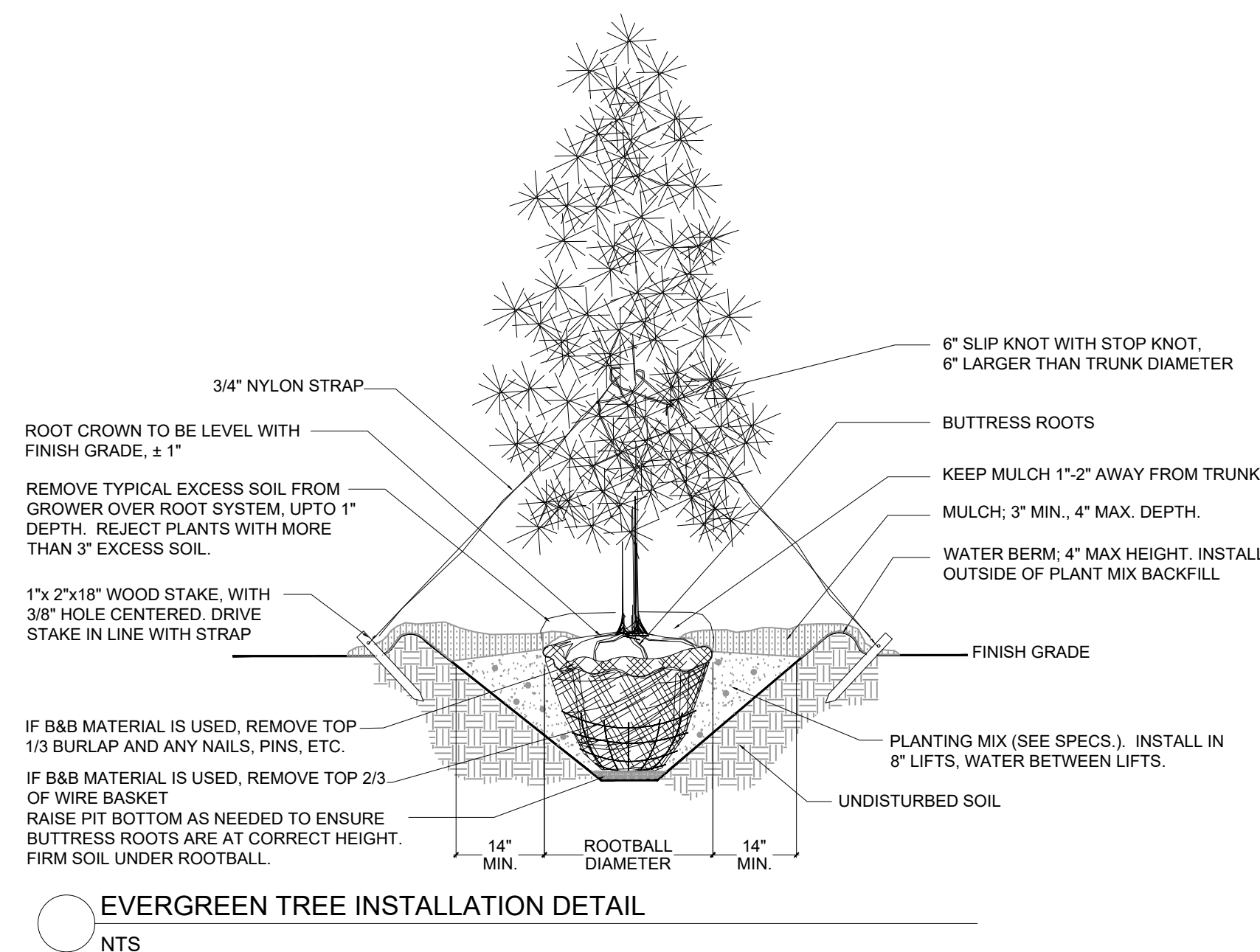
WATER

1. WATER SHALL BE FREE FROM OIL, ACIDS, ALKALIS, SALTS OR ANY OTHER SUBSTANCE THAT IS TOXIC OR OTHERWISE HARMFUL TO VEGETATION.
2. ALL LANDSCAPE AND TURF AREAS IRRIGATED (100% COVERAGE), LANDSCAPE CONTRACTOR TO PROVIDE COMPLETE IRRIGATION DESIGN TO BE APPROVED BY OWNER PRIOR TO CONSTRUCTION.



MULTI-STEM TREE INSTALLATION DETAIL

NTS



EVERGREEN TREE INSTALLATION DETAIL

NTS



PRELIMINARY - DO NOT USE FOR CONSTRUCTION

No.	Revision	Date	By	Designer	Scale
				H+W	AS SHOWN
				Drawn By	Date
				H+W	JUNE, 2023
				Checked By	Job No.
				MNH	

RENOVATION CHURCH
NORTH CAROLINA
HAMPSTEAD

RENOVATION CHURCH
16579 HWY 17
HAMPSTEAD, NC 28443

PORT CITY CONSULTING ENGINEERS, PLLC
6216 STONEBRIDGE ROAD
WILMINGTON, NC 28409
910-599-1744 LICENSE No. P-1032

Planting Details & Specifications

Sheet No.
L-4