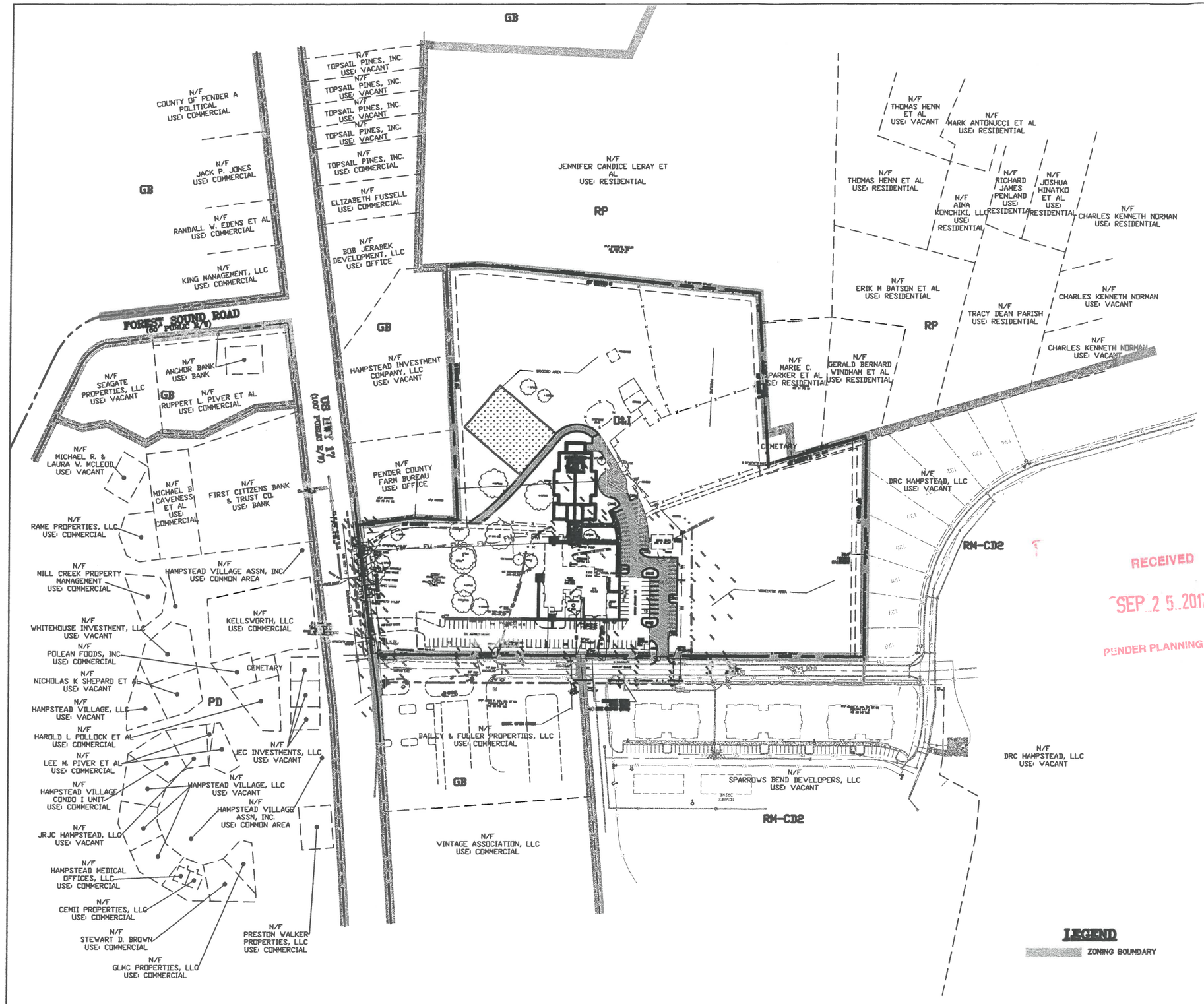
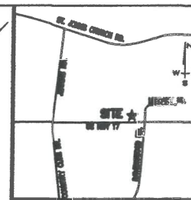




LOCATION MAP
NTS

REVISIONS		
No.	Date	Description	By

SITE DATA:

PROPERTY OWNER HAMPSTEAD UNITED METHODIST CHURCH INC	
PROJECT ADDRESS	16395 US HWY 17
PIN NUMBERS	3293-00-6154-0000 3292-00-6384-0000
AREA NOT IN A FEMA 100-YEAR FLOOD ZONE.	
ZONING DISTRICT	OIM OFFICE INSTITUTIONAL
TRACT AREA	729,526 SF (16.75 AC)
DISTURBED AREA	6.0 Ac.
SETBACKS REQUIRED	FRONT: 25' REAR: 10' INTERIOR SIDE: 10' CORNER SIDE: 12'
PROPOSED BUILDING SETBACKS	FRONT: 220' REAR: 389' SIDE: 365'
BUILDING HEIGHT	40' MAXIMUM
EXISTING IMPERVIOUS TO REMAIN:	
EXISTING BUILDINGS	16,485 SF
EXISTING CONCRETE	6,130 SF
EXISTING ASPHALT	39,425 SF
EXISTING GRAVEL	3,250 SF
EXISTING IMPERVIOUS TOTAL	65,290 SF
PROPOSED IMPERVIOUS:	
PROPOSED BUILDING	13,420 SF
PROPOSED CONCRETE	4,335 SF
PROPOSED ASPHALT	25,280 SF
PROPOSED GRAVEL	5,405 SF
FUTURE IMPERVIOUS	5,000 SF
PROPOSED IMPERVIOUS TOTAL	53,440 SF
EXISTING + PROPOSED IMPERVIOUS TOTAL:	118,730 SF
REQUIRED PARKING: (1/28 SF AVAILABLE SEATING IN ASSEMBLY AREA) 3,000 SF/28 SF	107 SPACES
TOTAL PARKING:	
EXISTING PARKING TO REMAIN	89 SPACES
PROPOSED PARKING	51 SPACES
PROPOSED + EXISTING PARKING	140 SPACES

RECEIVED
SEP 25 2017
PENDER PLANNING DEPT.

BY: _____
PROVED BY THE PENDER COUNTY UNIFIED DEVELOPMENT ADMIN
DATE: _____

SITE PLAN VALID FOR TWO(2) YEARS FROM APPROVAL DATE

TABLE OF CONTENTS:

- SHEET C0– COVER SHEET
- SHEET C1– EXISTING CONDITIONS & DEMOLITION PLAN
- SHEET C2– SITE AND UTILITY PLAN
- SHEET C3–GRADING, DRAINAGE, EROSION CONTROL AND STORMWATER MANAGEMENT PLAN
- SHEET C4–DETAILS AND NOTES

UTILITY PROVIDERS:

WATER
PLURIS HOLDINGS, LLC
1095 HWY 210
SNEADS FERRY, NC 28460
910.327.2880

SEWER
PENDER COUNTY UTILITIES
605 E. FREMONT STREET
BURGAW, NC 28425
910.259.1570

LEGEND
ZONING BOUNDARY

SITE PLAN
BAR SCALE 1"=100'
160' 80' 0' 100' 200' 300'

HAMPSTEAD UNITED METHODIST CHURCH
HAMPSTEAD, NORTH CAROLINA

COVER SHEET

TRIPP ENGINEERING, P.C.
419 Chestnut Street
Wilmington, North Carolina 28401
Phone 910-763-5100
Fax 910-763-5631

©2017 Tripp Engineering, P.C.

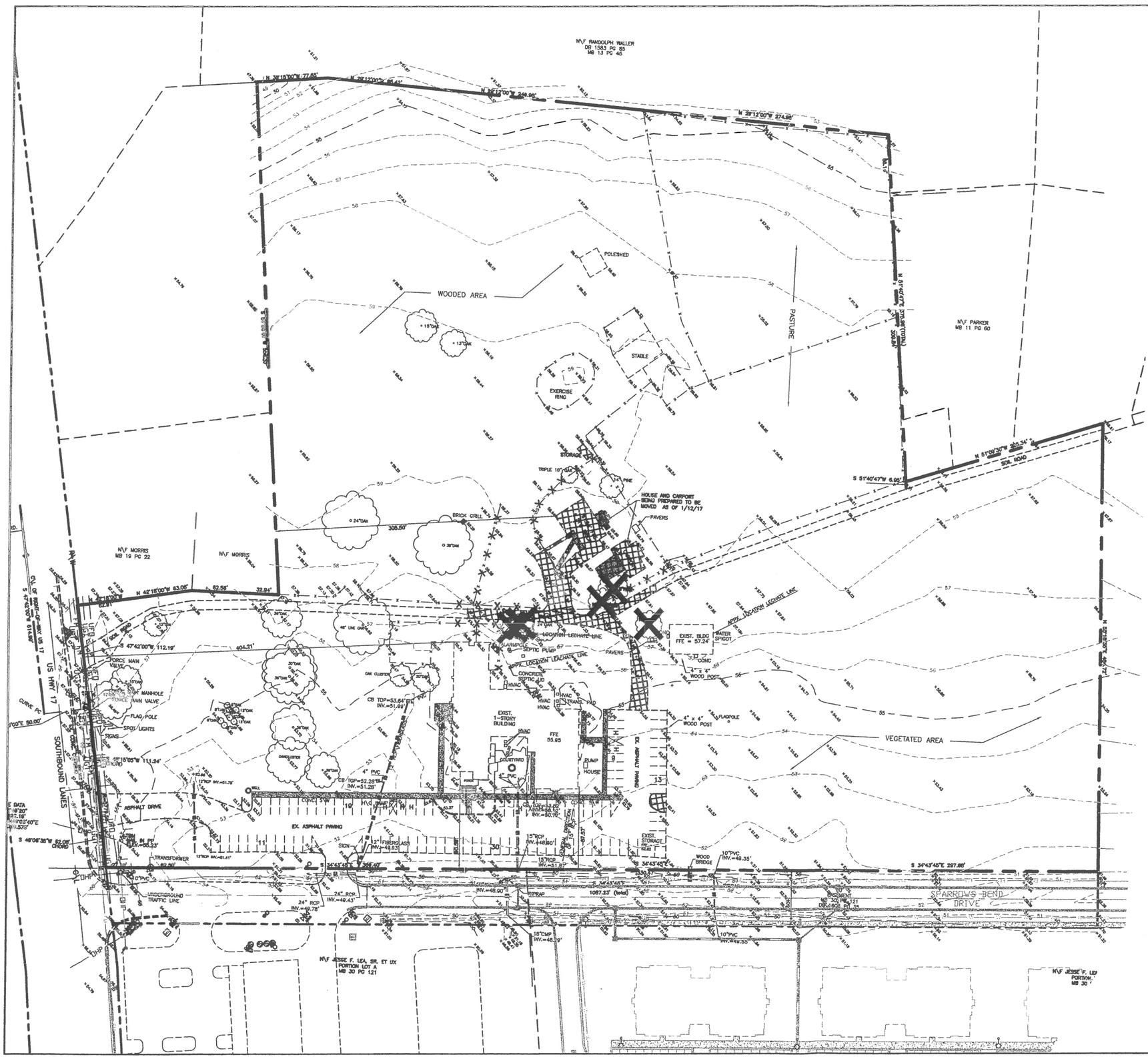
NORTH CAROLINA PROFESSIONAL SEAL 17374 ENGINEER R.P. GREGORY TRIPP

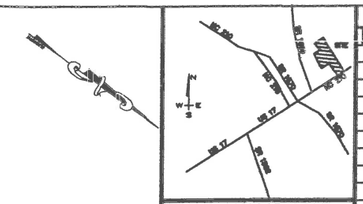
DATE	09-22-17
DESIGN	PGT
DRAWN	EJW

C0

SHEET 1 OF 5

17022





LOCATION MAP
NTS

REVISIONS		
REV. NO.	Description	By

SITE DATA:

PROPERTY OWNER HAMPSTEAD UNITED METHODIST CHURCH INC	
PROJECT ADDRESS	15395 US HWY 17
PIN NUMBERS	3293-00-8154-0000 3292-00-9384-0000
AREA NOT IN A FEMA 100-YEAR FLOOD ZONE.	
ZONING DISTRICT	O&I OFFICE INSTITUTIONAL
TRACT AREA	729,528 SF (16.75 AC)
DISTURBED AREA	6.0 Ac.
SETBACKS REQUIRED	FRONT: 25' REAR: 10' INTERIOR SIDE: 10' CORNER SIDE: 12'
PROPOSED BUILDING SETBACKS	FRONT: 220' REAR: 369' SIDE: 365'
BUILDING HEIGHT	40' MAXIMUM
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BY: _____

APPROVED BY THE PENDER COUNTY UNIFIED DEVELOPMENT ADMIN

DATE: _____

SITE PLAN VALID FOR TWO(2) YEARS FROM APPROVAL DATE

LEGEND

- EXISTING SPOT ELEVATION
- EXISTING CONTOUR
- EXISTING TREE TO BE REMOVED
- DEMO
- EXISTING FENCE TO BE REMOVED

SITE PLAN

BAR SCALE 1"=50'

80' 25' 0' 50' 100' 150'

EXISTING CONDITIONS AND DEMOLITION PLAN

HAMPSTEAD UNITED METHODIST CHURCH

HAMPSTEAD, NORTH CAROLINA

TRIPP ENGINEERING, P.C.
419 Chestnut Street
Wilmington, North Carolina 28401
Phone 910-763-5100
Fax 910-763-5631

© TRIPP ENGINEERING, P.C.

NORTH CAROLINA PROFESSIONAL SEAL 17374 ENGINEER PHILIP GREGORY TRIPP

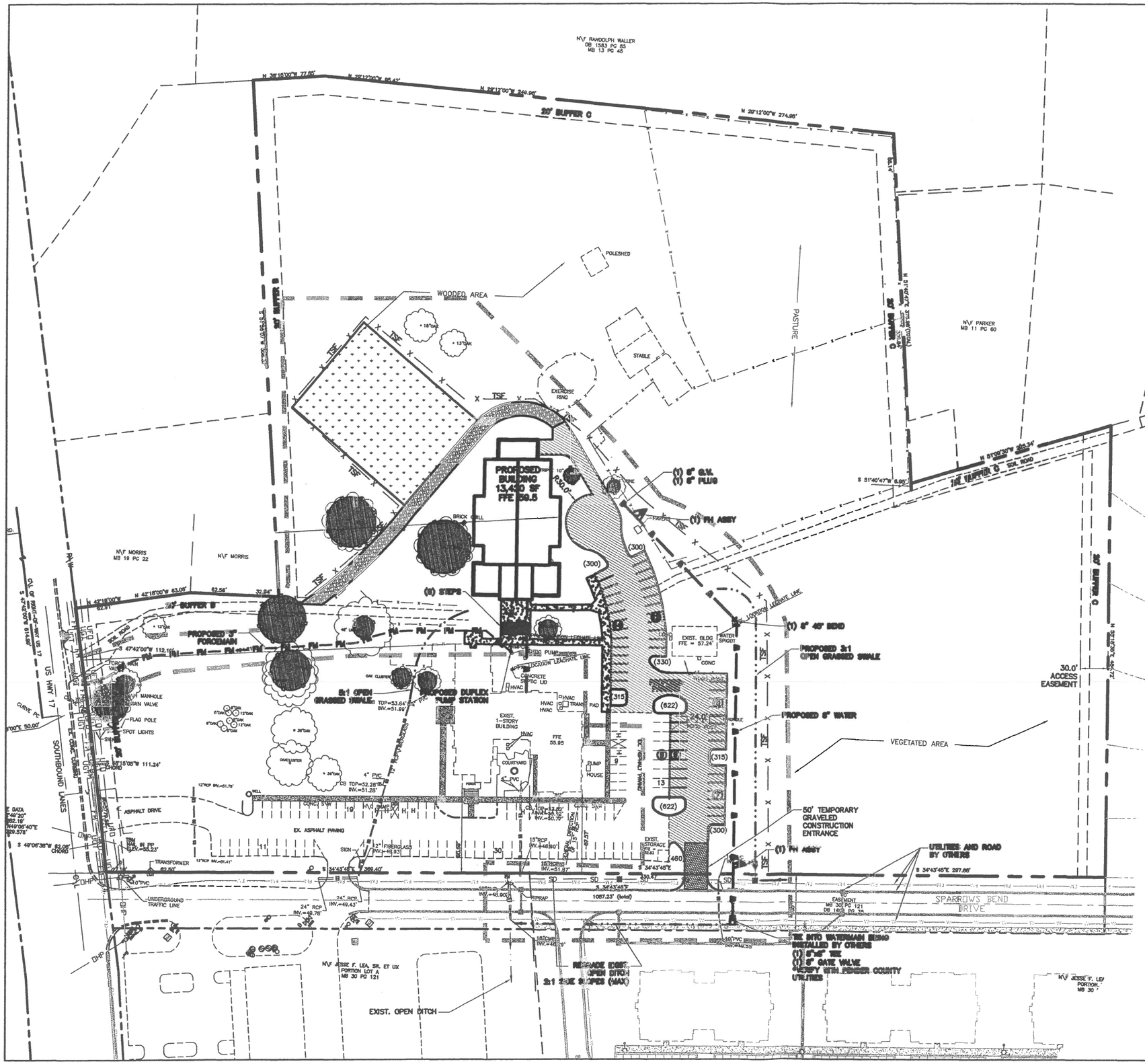
9.22.17

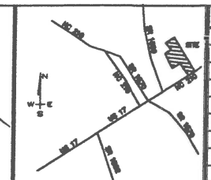
DATE	09-22-17
DESIGN	PGT
DRAWN	EJW

C1

SHEET 2 OF 5

17022





LOCATION MAP
NTS

REVISIONS		
No./Date	Description	By

HAMPSTEAD UNITED METHODIST CHURCH

SITE AND UTILITY PLAN

HAMPSTEAD, NORTH CAROLINA

SITE DATA:

PROPERTY OWNER	HAMPSTEAD UNITED METHODIST CHURCH INC
PROJECT ADDRESS	15395 US HWY 17
PIN NUMBERS	3293-00-6154-0000 3292-00-9384-0000
AREA NOT IN A FEMA 100-YEAR FLOOD ZONE.	
ZONING DISTRICT	O&I OFFICE INSTITUTIONAL
TRACT AREA	729,528 SF (16.75 AC)
DISTURBED AREA	6.0 Ac.
SETBACKS REQUIRED	FRONT: 25' REAR: 10' INTERIOR SIDE: 10' CORNER SIDE: 12'
PROPOSED BUILDING SETBACKS	FRONT: 220' REAR: 369' SIDE: 385'
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BY: _____

APPROVED BY THE PENDER COUNTY UNIFIED DEVELOPMENT ADMIN

DATE: _____

SITE PLAN VALID FOR TWO(2) YEARS FROM APPROVAL DATE

LEGEND

- PROPOSED WATER
- PROPOSED SEWER
- PROPOSED STORM WATER
- PROPOSED STORM WATER
- PROPOSED LIMITS OF DISTURBANCE
- PROPOSED SWALE
- PROPOSED STONE/GRAVEL
- PROPOSED ASPHALT PAVEMENT
- PROPOSED GRASS PARKING LOT
- TREE PROTECTION

SITE PLAN

BAR SCALE 1"=50'

50' 25' 0' 50' 100' 150'

TRIPP ENGINEERING, P.C.
419 Chestnut Street
Wilmington, North Carolina 28401
Phone 910-763-6100
Fax 910-763-5631
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9-13-17

NORTH CAROLINA PROFESSIONAL SEAL 17374 ENGINEER GREGORY LAMB TRIPP

DATE	08-22-17
DESIGN	PGT
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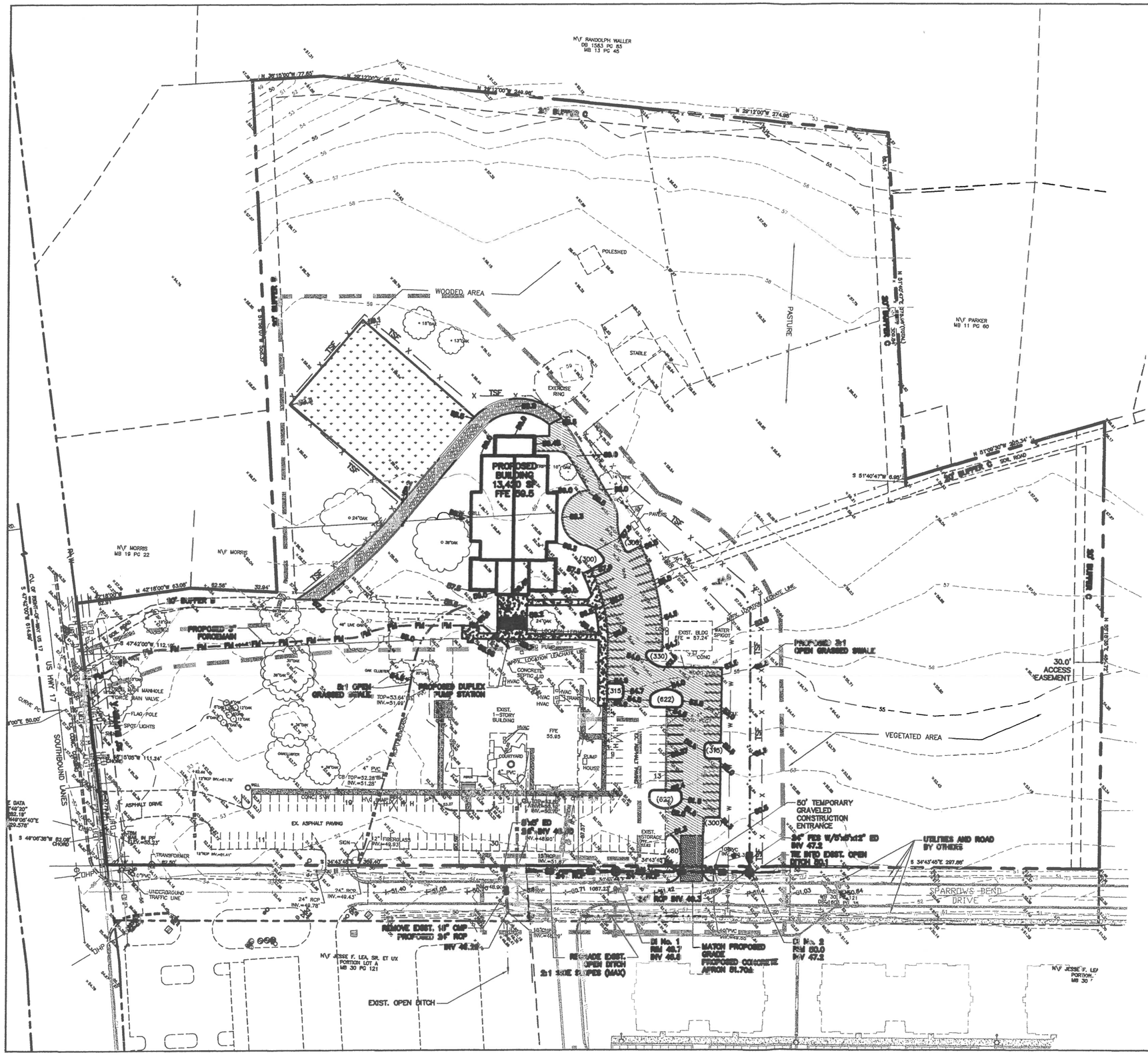
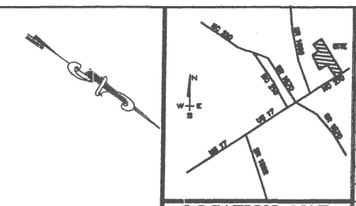
C2

SHEET 3 OF 5

17022





LOCATION MAP
NTS

SITE DATA:

PROPERTY OWNER	HAMPSTEAD UNITED METHODIST CHURCH INC
PROJECT ADDRESS	15395 US HWY 17
PIN NUMBERS	3293-00-8154-0000 3292-00-9384-0000
AREA NOT IN A FEMA 100-YEAR FLOOD ZONE.	
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SETBACKS REQUIRED	FRONT: 25' REAR: 10' INTERIOR SIDE: 10' CORNER SIDE: 12'
PROPOSED BUILDING SETBACKS	FRONT: 220' REAR: 369' SIDE: 365'
BUILDING HEIGHT	40' MAXIMUM

BY: _____
APPROVED BY THE PENDER COUNTY UNIFIED DEVELOPMENT ADMIN
DATE: _____

SITE PLAN VALID FOR TWO(2) YEARS FROM APPROVAL DATE

LEGEND

- EXISTING SPOT ELEVATION
- PROPOSED SPOT ELEVATION
- PROPOSED SPOT ELEVATION BY OTHERS
- W — PROPOSED WATER
- FM — PROPOSED SEWER
- PROPOSED STORM WATER
- TSF — PROPOSED TEMPORARY SILT FENCE
- PROPOSED LIMITS OF DISTURBANCE
- PROPOSED SWALE
- PROPOSED STONE/GRAVEL
- PROPOSED ASPHALT PAVEMENT
- PROPOSED GRASS PARKING LOT

SITE PLAN

BAR SCALE 1"=50'

60' 20' 0' 60' 100' 180'

REVISIONS		
No.	Description	By

GRADING, DRAINAGE, EROSION CONTROL AND STORMWATER MANAGEMENT PLAN
HAMPSTEAD UNITED METHODIST CHURCH
HAMPSTEAD, NORTH CAROLINA

TRIPP ENGINEERING, P.C.
419 Chestnut Street
Wilmington, North Carolina 28401
Phone 910-763-5100
Fax 910-763-5631
©TRIPP ENGINEERING, P.C.

NORTH CAROLINA PROFESSIONAL SEAL 17374 ENGINEER PHILLIP GREGORY TRIPP

9-23-17

DATE	09-22-17
DESIGN	PGT
DRAWN	EJW

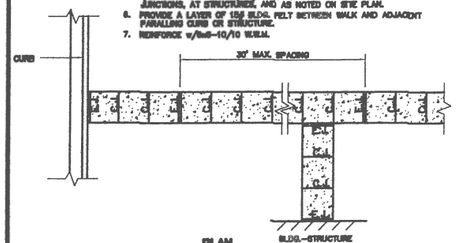
C3

SHEET 4 OF 5

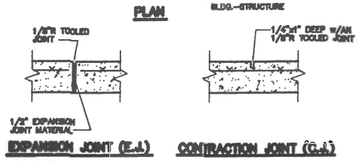
17022

NOTES:

1. SIDEWALK THICKNESS SHALL BE 4" UNLESS NOTED OTHERWISE.
2. CONTRACTION JOINTS (C.J.) SPACE SAME AS SIDEWALK WIDTH.
3. THICKEN SIDEWALK TO 6" AT DRIVEWAYS.
4. THICKEN SIDEWALK TO 6" IN LAST 3' WHERE IT ABUTS PAVEMENT WITH NO CURB.
5. 1/2" EXPANSION JOINT (E.J.) REQUIRED AT 30' MAX. AT SIDEWALK JUNCTIONS, AT STRUCTURES, AND AS NOTED ON SITE PLAN.
6. PROVIDE A LAYER OF 15# BLDG. FELT BETWEEN WALK AND ADJACENT PARALLING CURB OR STRUCTURE.
7. REINFORCE w/6x6-10/10 W.W.M.

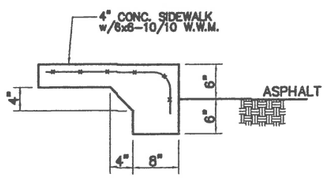


PLAN



SIDEWALK JOINT DETAILS

NTS



TURN DOWN SIDEWALK

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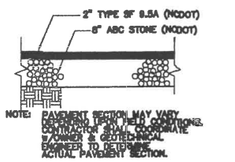
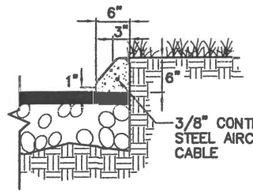


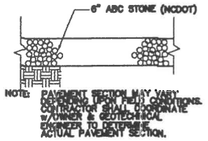
PAVEMENT SECTION

NTS



EXTRUDED CURB DETAIL

NTS



GRAVEL SECTION

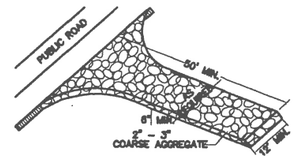
NTS

3:1 GRASS SWALE

NTS

5:1 GRASS SWALE

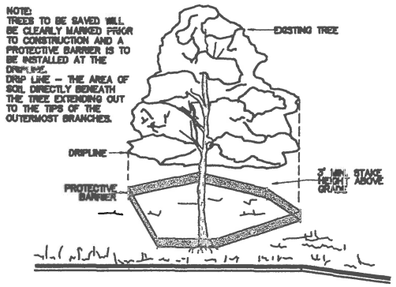
NTS



TEMPORARY GRAVELLED CONSTRUCTION ENTRANCE

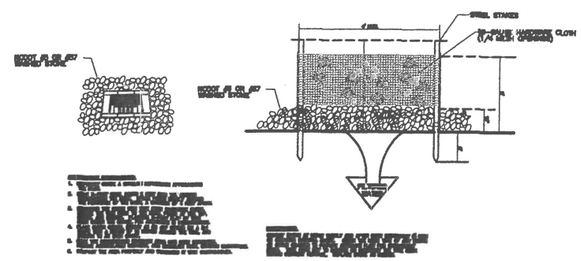
NTS

NOTE:
TREES TO BE SAVED WILL BE CLEARLY MARKED PRIOR TO CONSTRUCTION AND A PROTECTIVE BARRIER IS TO BE INSTALLED AT THE DRIPLINE.
DRIP LINE - THE AREA OF SOIL DIRECTLY BENEATH THE TREE EXTENDING OUT TO THE TIPS OF THE OUTERMOST BRANCHES.



METHOD OF TREE PROTECTION DURING CONSTRUCTION

NOT TO SCALE



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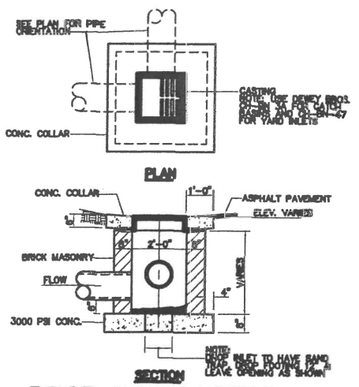
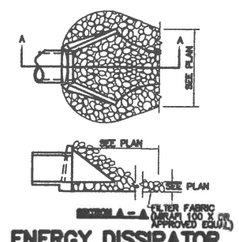


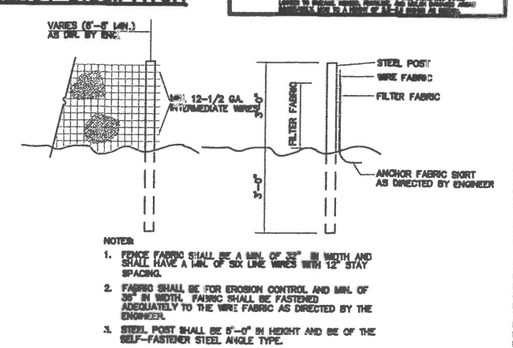
DROP INLET DETAIL

NTS



ENERGY DISSIPATOR

NTS

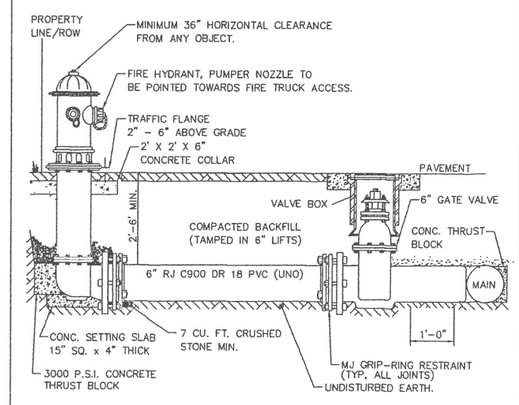


NOTES:

1. FENCE FABRIC SHALL BE A MIN. OF 32" IN WIDTH AND SHALL HAVE A MIN. OF SIX LINE WIRES WITH 12" STAY SPACING.
2. FABRIC SHALL BE FOR EROSION CONTROL AND MIN. OF 36" IN WIDTH. FABRIC SHALL BE FASTENED ADEQUATELY TO THE WIRE FABRIC AS DIRECTED BY THE ENGINEER.
3. STEEL POST SHALL BE 5'-0" IN HEIGHT AND BE OF THE SELF-FASTENER STEEL ANGLE TYPE.

TEMPORARY SILT FENCE

NTS



NOTES:

1. FIRE HYDRANTS WILL BE INSTALLED IN TRUE VERTICAL POSITION.
2. FIRE HYDRANTS TO BE LOCATED IN RIGHT-OF-WAY.
3. INSTALL WITH BURY LINE FLUSH TO FINAL GRADE.
4. HYDRANTS TO BE AVK SERIES 2780, MUELLER SUPER CENTURION A473 W/PENDER CO. OPTIONS 981 OR CLOW MEDALLION WITH STAINLESS STEEL STEMS. HYDRANTS SHALL BE NOSTALGIC STYLE DRY BARREL.
5. HYDRANTS TO BE RED WITH SILVER CAPS AND BONNET.

FIRE HYDRANT ASSEMBLY DETAIL

NOT TO SCALE

PENDER COUNTY UTILITIES
605 EAST FREMONT STREET
BURGAW, NC 28425

FIRE HYDRANT ASSEMBLY
STANDARD DETAIL
VERSION #2 - APRIL 2016

MINIMUM GROUND STABILIZATION CRITERIA

SITE AREA DESCRIPTION	STABILIZATION TIMEFRAME EXCEPTIONS	STABILIZATION TIMEFRAME
PERIMETER DIKES, BERMS, DITCHES AND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER (HQW) ZONES	7 DAYS	NONE
SLOPES STEEPER THAN 3:1	7 DAYS	IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED.
SLOPES 3:1 OR FLATTER	14 DAYS	7 DAYS FOR SLOPES GREATER THAN 50 FEET IN LENGTH
ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1	14 DAYS	NONE (EXCEPT FOR PERIMETERS AND HQW ZONES)

TEMPORARY GROUND STABILIZATION

GROUND COVER

	RATE (lb/acre)
[illegible]	130
[illegible]	60
[illegible]	40
[illegible]	40

MULCHING & SEEDING

[illegible]

SOIL AMENDMENTS

FOLLOW RECOMMENDATIONS OF SOIL TESTS OR APPLY 3,000 LB/ACRE GROUND AGRICULTURAL LIMESTONE AND 750 LB/ACRE 10-20-20 FERTILIZER.

MULCH

APPLY 4,000 LB/ACRE GRAIN STRAW OR GRASS HAY TACKED WITH ASPHALT, EMULSION, OR A MULCH ANCHORING TOOL. A MINIMUM OF 90% OF THE SOIL SURFACE SHALL BE COVERED BY MULCH. MULCH MAY BE ANCHORED USING A MULCH ANCHORING TOOL.

MAINTENANCE

REFERENCE IT AND MULCH AS NOT FULLY ADEQUATE. REPAIR, REFERTILIZE, AND MULCH IMMEDIATELY FOLLOWING EROSION OR OTHER DAMAGE.

PERMANENT GROUND COVER DETAIL

GROUND COVER

	RATE (lb/acre)
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

MULCHING & SEEDING

[illegible]

SOIL AMENDMENTS

[illegible]

MULCH

[illegible]

MAINTENANCE

[illegible]

SITE WORK NOTES

1. THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIARIZED WITH EXISTING CONDITIONS BOTH ON AND IMMEDIATELY ADJACENT TO THE SITE.
2. CLEARING: CONTRACTOR SHALL REMOVE ALL TREES AND VEGETATION WITHIN LIMITS OF CONSTRUCTION UNLESS OTHERWISE DESIGNATED TO REMAIN.
3. GRUBBING AND STRIPPING: CONTRACTOR SHALL RAKE AND REMOVE ROOTS, STUMPS, VEGETATION, DEBRIS, EXISTING STRUCTURES ABOVE AND BELOW GRADE, ORGANIC MATERIAL OR ANY OTHER UNSUITABLE MATERIAL WITHIN LIMITS OF CONSTRUCTION.
4. MUCKING: CONTRACTOR SHALL COORDINATE WITH OWNER AND THEIR GEOTECHNICAL REPRESENTATIVE TO COORDINATE REMOVAL OF ANY SOFT AREAS.
5. DISPOSAL: CLEARED, GRUBBED, STRIPPED OR OTHER WASTE MATERIAL SHALL BE REMOVED FROM SITE AND DISPOSED OF IN A PROPERLY PERMITTED FACILITY.
6. FILL AND COMPACTION SHOULD COMPLY WITH GEOTECHNICAL REPORT.
7. THE CONTRACTOR SHALL NOTE THAT THE GRADING PLAN MAY NOT REPRESENT A BALANCED EARTHWORK CONDITION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CUT AND FILL QUANTITIES AND COMPLETE INSTALLATION TO SPECIFIED GRADES.
8. THE CONTRACTOR SHALL FURNISH SUITABLE BORROW MATERIAL FROM AN OFF-SITE PROPERLY PERMITTED FACILITY AS REQUIRED.
9. THE CONTRACTOR IS RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES DURING CONSTRUCTION. BEFORE COMMENCING ANY EXCAVATIONS IN OR ALONG ROADWAYS OR RIGHT-OF-WAYS, PUBLIC AREAS OR IN PRIVATE EASEMENTS, THE CONTRACTOR SHALL NOTIFY ALL APPROPRIATE PERSONNEL OF THEIR INTENT TO EXCAVATE, IN WRITING, NOT LESS THAN 10 DAYS PRIOR TO EXCAVATING.
10. THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE DISCONNECTION/RECONNECTION AND/OR THE RELOCATION OF ALL EXISTING UTILITIES WITH APPROPRIATE PERSONNEL.
11. EXISTING SURVEYING PERFORMED BY GOSLEE AND ASSOCIATES AND SUPPLIED BY THE OWNER.
12. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, AT THE SITE. FURTHERMORE THE CONTRACTOR SHALL REPORT ALL DISCREPANCIES OR QUESTIONS TO THE ENGINEER PRIOR TO INSTALLATION.
13. THE CONTRACTOR SHALL PROVIDE ANY AND ALL LAYOUT REQUIRED TO CONSTRUCT HIS WORK UNLESS OTHERWISE DIRECTED BY OWNER.
14. ALL PVC UTILITY MAINS SHALL BE INSTALLED WITH A MINIMUM OF 36" COVER AT FINAL GRADE.
15. ALL SERVICE CONNECTIONS SHALL BE INSTALLED TO MEET ALL LOCAL AND STATE CODES. METERS, TAPS, MATERIALS, WORKMANSHIP AND ALL FEES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL COMPLY WITH ALL REQUIREMENTS.
16. ALL PAVEMENT, BASE AND SUBGRADE SHALL CONFORM TO NCDOT STANDARDS INCLUDING WORKMANSHIP, MATERIALS AND EQUIPMENT. APPROPRIATE BARRICADES, SIGNS, LIGHTS OR OTHER TRAFFIC CONTROL DEVICES SHALL BE PROVIDED IN ACCORDANCE WITH NCDOT TO MAINTAIN SAFETY AND TWO WAY TRAFFIC.
17. ALL AREAS SHALL BE GRADED FOR POSITIVE DRAINAGE. THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO INSTALLATION. ALL AREAS SHALL BE SLOPED TO DRAIN AWAY FROM BUILDINGS AT ALL TIMES.
18. CONCRETE STORM DRAINAGE PIPE SHALL BE CLASS III WITH RUBBER GASKETED JOINTS AND INSTALLED IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS.
19. USE WHITE LANE MARKING PAINT FOR ALL PAVEMENT MARKINGS. PAINT SHALL BE A CHLORINATED RUBBER ALKYD, FS TT-P-115, TYPE III, FACTORY MIXED, QUICK DRYING, NON BLEEDING. REFLECTIVE MATERIAL MAY BE ADDED AT OWNER'S OPTION FOR NIGHT REFLECTING.
20. DUCTILE IRON SHALL BE CLASS 50.
21. CONCRETE FOR WALKS, CURBS AND DRIVES SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI @ 28 DAYS - AIR ENTRAINED.
22. FIELD TESTING SHALL BE DONE BY AN INDEPENDENT TESTING LABORATORY PAID FOR BY THE OWNER. FURTHER TESTING REQUIRED DUE TO A FAILED TEST WILL BE PAID FOR BY THE CONTRACTOR.
23. SEE GEOTECHNICAL REPORT NO. _____ DATED _____ BY _____ FOR ADDITIONAL REQUIREMENTS.

EROSION CONTROL NOTES

1. NO CUT SLOPE OR FILL SLOPE SHALL EXCEED A RISE OR FALL OF ONE FOOT FOR EVERY RUN OF 3 FEET (1 VERTICAL TO 3 HORIZONTAL).
2. NO SEDIMENT WILL BE ALLOWED TO EXIT THE SITE. ALL EROSION SHALL BE CONTROLLED INCLUDING SIDE SLOPES DURING AND AFTER CONSTRUCTION.
3. INSTALL PRIMARY EROSION CONTROL MEASURES BEFORE BEGINNING CONSTRUCTION INCLUDING BUT NOT LIMITED TO GRAVELED CONSTRUCTION ENTRANCE, SILT FENCE, CHECK DAMS, ETC. INSTALL ALL SECONDARY EROSION CONTROL MEASURES AS SOON AS POSSIBLE AFTER BEGINNING CONSTRUCTION.
4. ALL EROSION CONTROL MEASURES TO BE INSPECTED AFTER EACH RAIN. SILT FENCE AND INLET PROTECTION ARE TO BE CLEANED WHEN 0.5 FEET OF SEDIMENT HAVE ACCUMULATED IN FRONT OF THE DEVICE OR WHEN THEY LEAK OR FAIL. SEDIMENT TRAPS ARE CLEANED OUT AS STATED OR WHEN HALF FULL.
5. IF APPLICABLE, CONSTRUCT PROPOSED RETENTION POND TO ACT AS A SEDIMENT BASIN DURING CONSTRUCTION. REMOVE ACCUMULATION OF SILT AS REQUIRED TO ALLOW PROPER FUNCTIONING. RESTORE POND TO DESIGN LEVELS AT THE COMPLETION OF CONSTRUCTION. 6. IF APPLICABLE, INSTALL DROP INLETS WITH INLET PROTECTION TO ACT AS SILT TRAPS DURING CONSTRUCTION. REMOVE ACCUMULATED SILT AS NEEDED TO PREVENT SILT FROM ENTERING STORM DRAIN PIPING.
7. A 4" LAYER OF TOPSOIL SHALL BE APPLIED TO ALL NEW AREAS TO BE GRASSED.
8. MAINTAIN ALL EROSION CONTROL MEASURES UNTIL PROJECT IS COMPLETE.
9. MORE STRINGENT MEASURES MAY BE REQUIRED TO HALT EROSION IF THOSE ON THIS PLAN PROVE TO BE LESS EFFECTIVE.
10. REMOVE ALL TEMPORARY EROSION CONTROL MEASURES UPON COMPLETION OF CONSTRUCTION. ALL PERMANENT MEASURES SHALL BE WELL ESTABLISHED PRIOR TO PROJECT COMPLETION.

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 AND WITHIN 24 HOURS OF EVERY HALF INCH RAINFALL.
2. ALL POINTS OF EGRESS WILL HAVE CONSTRUCTION ENTRANCES THAT WILL BE PERIODICALLY TOP-DRESSED WITH AN ADDITIONAL 2 INCHES OF #4 STONE TO MAINTAIN PROPER DEPTH. THEY WILL BE MAINTAINED IN A CONDITION TO PREVENT MUD OR SEDIMENT FROM LEAVING THE SITE. IMMEDIATELY REMOVE OBJECTIONABLE MATERIAL SPILLED, WASHED OR TRACKED ONTO THE CONSTRUCTION ENTRANCE OR ROADWAYS.
3. SEDIMENT WILL BE REMOVED FROM HARDWARE CLOTH AND GRAVEL INLET PROTECTION, BLOCK AND GRAVEL INLET, ROCK DOUGHNUT INLET PROTECTION AND ROCK PIPE INLET PROTECTION WHEN THE DESIGNED STORAGE CAPACITY HAS BEEN HALF FILLED WITH SEDIMENT. ROCK WILL BE CLEANED OR REPLACED WHEN THE SEDIMENT POOL NO LONGER DRAINS AS DESIGNED. DEBRIS WILL BE REMOVED FROM THE ROCK AND HARDWARE CLOTH TO ALLOW PROPER DRAINAGE. SILT SACKS WILL BE EMPTIED ONCE A WEEK AND AFTER EVERY RAIN EVENT. SEDIMENT WILL BE REMOVED FROM AROUND BEAVER DAMS. DANDY SACKS AND SOCKS ONCE A WEEK AND AFTER EVERY RAIN EVENT. 4. DIVERSION DITCHES WILL BE CLEANED OUT IMMEDIATELY TO REMOVE SEDIMENT OR OBSTRUCTIONS FROM THE FLOW AREA. THE DIVERSION RIDGES WILL ALSO BE REPAIRED. SWALES MUST BE TEMPORARILY STABILIZED WITHIN 21 CALENDAR DAYS OF CEASE OF ANY PHASE OF ACTIVITY ASSOCIATED WITH A SWALE.
5. SEDIMENT WILL BE REMOVED FROM BEHIND THE SEDIMENT FENCE WHEN IT BECOMES HALF FILLED. THE SEDIMENT FENCE WILL BE REPAIRED AS NECESSARY TO MAINTAIN A BARRIER. STAKES MUST BE STEEL. STAKE SPACING WILL BE 6 FEET MAX. WITH THE USE OF EXTRA STRENGTH FABRIC, WITHOUT WIRE BACKING. STAKE SPACING WILL BE 8 FEET MAX. WHEN STANDARD STRENGTH FABRIC AND WIRE BACKING ARE USED. IF ROCK FILTERS ARE DESIGNED AT LOW POINTS IN THE IN THE SEDIMENT FENCE THE ROCK WILL BE REPAIRED OR REPLACED IF IT BECOMES HALF FULL OF SEDIMENT, NO LONGER DRAINS AS DESIGNED OR IS DAMAGED.
6. SEDIMENT WILL BE REMOVED FROM SEDIMENT TRAPS WHEN THE DESIGNED STORAGE CAPACITY HAS BEEN HALF FILLED WITH SEDIMENT. THE ROCK WILL BE CLEANED OR REPLACED WHEN THE SEDIMENT POOL NO LONGER DRAINS OR WHEN THE ROCK IS DISLODGED. BAFFLES WILL BE REPAIRED OR REPLACED IF THEY COLLAPSE, TEAR, DECOMPOSE OR BECOME INEFFECTIVE. THEY WILL BE REPLACED PROMPTLY. SEDIMENT WILL BE REMOVED WHEN DEPOSITS REACH HALF THE HEIGHT OF THE 1ST BAFFLE. FLOATING SKIMMERS WILL BE INSPECTED WEEKLY AND WILL BE KEPT CLEAN.
7. SEDIMENT WILL BE REMOVED FROM THE SEDIMENT BASIN WHEN THE DESIGN STORAGE CAPACITY HAS BEEN HALF FILLED WITH SEDIMENT. ROCK WILL BE CLEANED OR REPLACED WHEN THE SEDIMENT POOL NO LONGER DRAINS OR IF THE ROCK IS DISLODGED. BAFFLES WILL BE REPAIRED OR REPLACED IF THEY TEAR, DECOMPOSE OR BECOME INEFFECTIVE. THEY WILL BE REPLACED PROMPTLY. SEDIMENT WILL BE REMOVED FROM BAFFLES WHEN DEPOSITS REACH HALF THE HEIGHT OF THE 1ST BAFFLE. FLOATING SKIMMERS WILL BE INSPECTED WEEKLY AND WILL BE KEPT CLEAN.
8. ALL SEEDED AREAS WILL BE FERTILIZED, RESEEDED 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.
9. FLOCCULATES WILL BE USED TO ADDRESS TURBIDITY ISSUES. THE PUMPS, TANKS, HOSES AND INJECTION SYSTEMS WILL BE CHECKED FOR PROBLEMS OR TURBID DISCHARGES DAILY.

BY: _____
APPROVED BY THE PENDER COUNTY UNIFIED DEVELOPMENT ADMIN
DATE: _____

SITE PLAN VALID FOR TWO(2) YEARS FROM APPROVAL DATE

REVISIONS		
NO./DATE	Description	By

HAMPSTEAD UNITED METHODIST CHURCH

HAMPSTEAD, NORTH CAROLINA

DETAILS AND NOTES

TRIPP ENGINEERING, P.C.
419 Chestnut Street
Wilmington, North Carolina 28401
Phone 910-763-5100
Fax 910-763-5831
C-0782 F-0146

NORTH CAROLINA PROFESSIONAL SEAL 17374 ENGINEER PHILIP GREGORY TRIPP

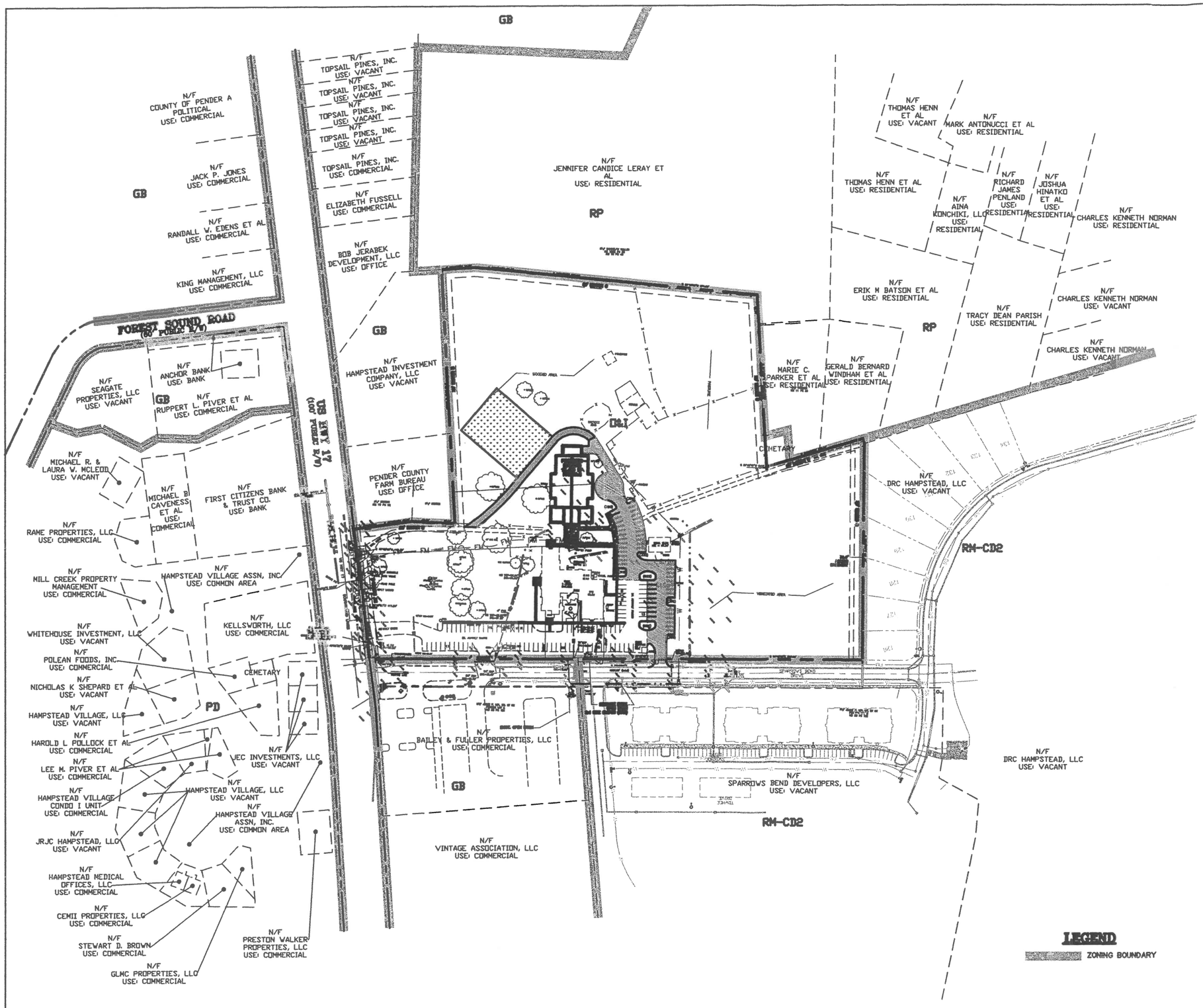
9-23-17

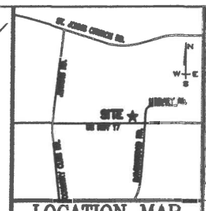
DATE	09-22-17
DESIGN	PGT
DRAWN	MLV

C4

SHEET 5 OF 5

17022





LOCATION MAP
NTS

REVISIONS		
No.	Date	Description	By

SITE DATA:

PROPERTY OWNER HAMPSTEAD UNITED METHODIST CHURCH INC	
PROJECT ADDRESS	15395 US HWY 17
PIN NUMBERS	3293-00-6154-0000 3292-00-9384-0000
AREA NOT IN A FEMA 100-YEAR FLOOD ZONE.	
ZONING DISTRICT	OIM OFFICE INSTITUTIONAL
TRACT AREA	729,526 SF (16.75 AC)
DISTURBED AREA	8.0 Ac.
SETBACKS REQUIRED	FRONT: 25' REAR: 10' INTERIOR SIDE: 10' CORNER SIDE: 12'
PROPOSED BUILDING SETBACKS	FRONT: 220' REAR: 389' SIDE: 365'
BUILDING HEIGHT	40' MAXIMUM
EXISTING IMPERVIOUS TO REMAIN:	
EXISTING BUILDINGS	16,485 SF
EXISTING CONCRETE	6,130 SF
EXISTING ASPHALT	39,425 SF
EXISTING GRAVEL	3,250 SF
EXISTING IMPERVIOUS TOTAL	65,290 SF
PROPOSED IMPERVIOUS:	
PROPOSED BUILDING	13,420 SF
PROPOSED CONCRETE	4,335 SF
PROPOSED ASPHALT	25,280 SF
PROPOSED GRAVEL	5,405 SF
FUTURE IMPERVIOUS	5,000 SF
PROPOSED IMPERVIOUS TOTAL	53,440 SF
EXISTING + PROPOSED IMPERVIOUS TOTAL:	118,730 SF
REQUIRED PARKING: (1/28 SF AVAILABLE SEATING IN ASSEMBLY AREA) 3,000 SF/28 SF	107 SPACES
TOTAL PARKING:	
EXISTING PARKING TO REMAIN	89 SPACES
PROPOSED PARKING	51 SPACES
PROPOSED + EXISTING PARKING	140 SPACES

BY: _____
APPROVED BY THE PENDER COUNTY UNIFIED DEVELOPMENT ADMIN
DATE: _____

SITE PLAN VALID FOR TWO(2) YEARS FROM APPROVAL DATE

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- SHEET C0– COVER SHEET
- SHEET C1– EXISTING CONDITIONS & DEMOLITION PLAN
- SHEET C2– SITE AND UTILITY PLAN
- SHEET C3–GRADING, DRAINAGE, EROSION CONTROL AND STORMWATER MANAGEMENT PLAN
- SHEET C4–DETAILS AND NOTES

UTILITY PROVIDERS:

WATER
PLURIS HOLDINGS, LLC
1095 HWY 210
SNEADS FERRY, NC 28460
910.327.2880

SEWER
PENDER COUNTY UTILITIES
605 E. FREMONT STREET
BURGAW, NC 28425
910.259.1570

SITE PLAN
BAR SCALE 1"=100'
100' 50' 0' 100' 200' 300'

HAMPSTEAD UNITED METHODIST CHURCH

COVER SHEET

HAMPSTEAD, NORTH CAROLINA

TRIPP ENGINEERING, P.C.
419 Chestnut Street
Wilmington, North Carolina 28401
Phone 910-763-6100
Fax 910-763-5631

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NORTH CAROLINA PROFESSIONAL SEAL 17374 ENGINEER PHILIP GREGORY TRIPP

DATE	09-22-17
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SHEET 1 OF 5

17022