

REVISIONS		
No.	Date	Description

SITE DATA:
 PROPERTY OWNER: GRAY BROS HOLDINGS LLC
 PROJECT ADDRESS: 3514 S COLLEGE RD
 PIN NUMBER: R06610-006-014-000
 AREA NOT IN A FEMA 100-YEAR FLOOD ZONE.
 ZONING DISTRICT: CB-COMMUNITY BUSINESS

N/F
 HOLST LOUIS S BARBARA
 R06610-005-009-000
 ZONE: R-15-RESIDENTIAL DISTRICT
 USE: FAMILY RESIDENTIAL

N/F
 MCNEILL W M VALENTINA
 LIFE EST
 R06610-005-010-000
 ZONE: R-15-RESIDENTIAL DISTRICT
 USE: FAMILY RESIDENTIAL

N/F
 OLSCHESKY ROBERT F
 ROSEMARY
 R06610-005-011-000
 ZONE: R-15-RESIDENTIAL DISTRICT
 USE: FAMILY RESIDENTIAL

N/F
 BEEBE DAVID MELANIE D
 R06610-005-012-000
 ZONE: R-15-RESIDENTIAL DISTRICT
 USE: FAMILY RESIDENTIAL

N/F
 BREHMER KENNETH R
 PATRICIA ANN
 R06614-001-001-000
 ZONE: R-15-RESIDENTIAL DISTRICT
 USE: FAMILY RESIDENTIAL

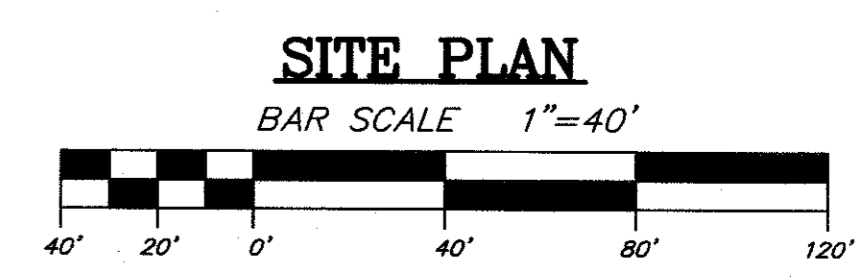
N/F
 CAPE FEAR PUBLIC UTILITY
 AUTHORITY
 R06600-001-025-000
 ZONE: CB-COMMUNITY BUSINESS
 USE: UNUSED LAND

N/F
 PLAN B OF WILMINGTON LLC
 R06610-006-015-001
 ZONE: CB-COMMUNITY BUSINESS
 USE: RETAIL-BLDG MATERIALS

Approved Construction Plan	
Name	Date
Planning	
Traffic	
Fire	

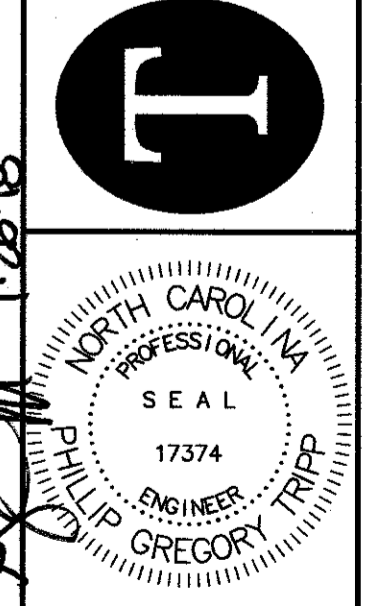
CITY OF WILMINGTON
 NORTH CAROLINA
 Public Services • Engineering Division
 APPROVED DRAINAGE PLAN
 Date: _____ Permit # _____
 Signed: _____

For each open utility cut of City streets, a \$325 permit shall be required from the City prior to occupancy and/or project acceptance.



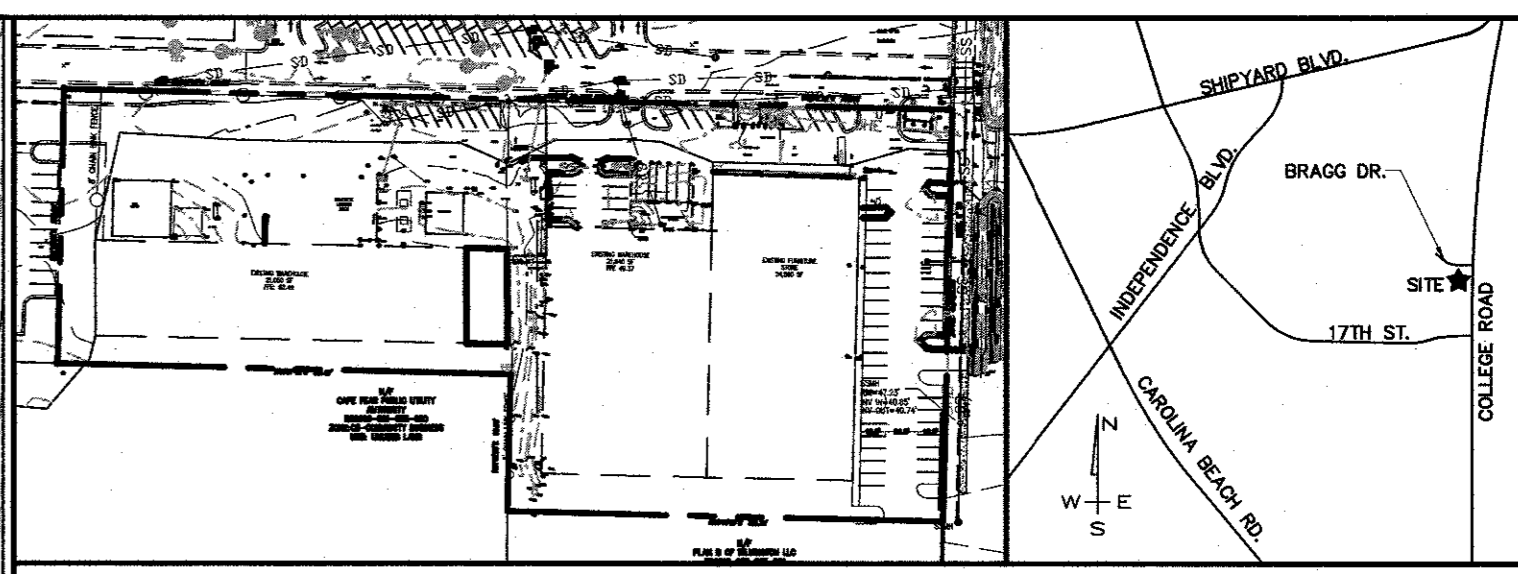
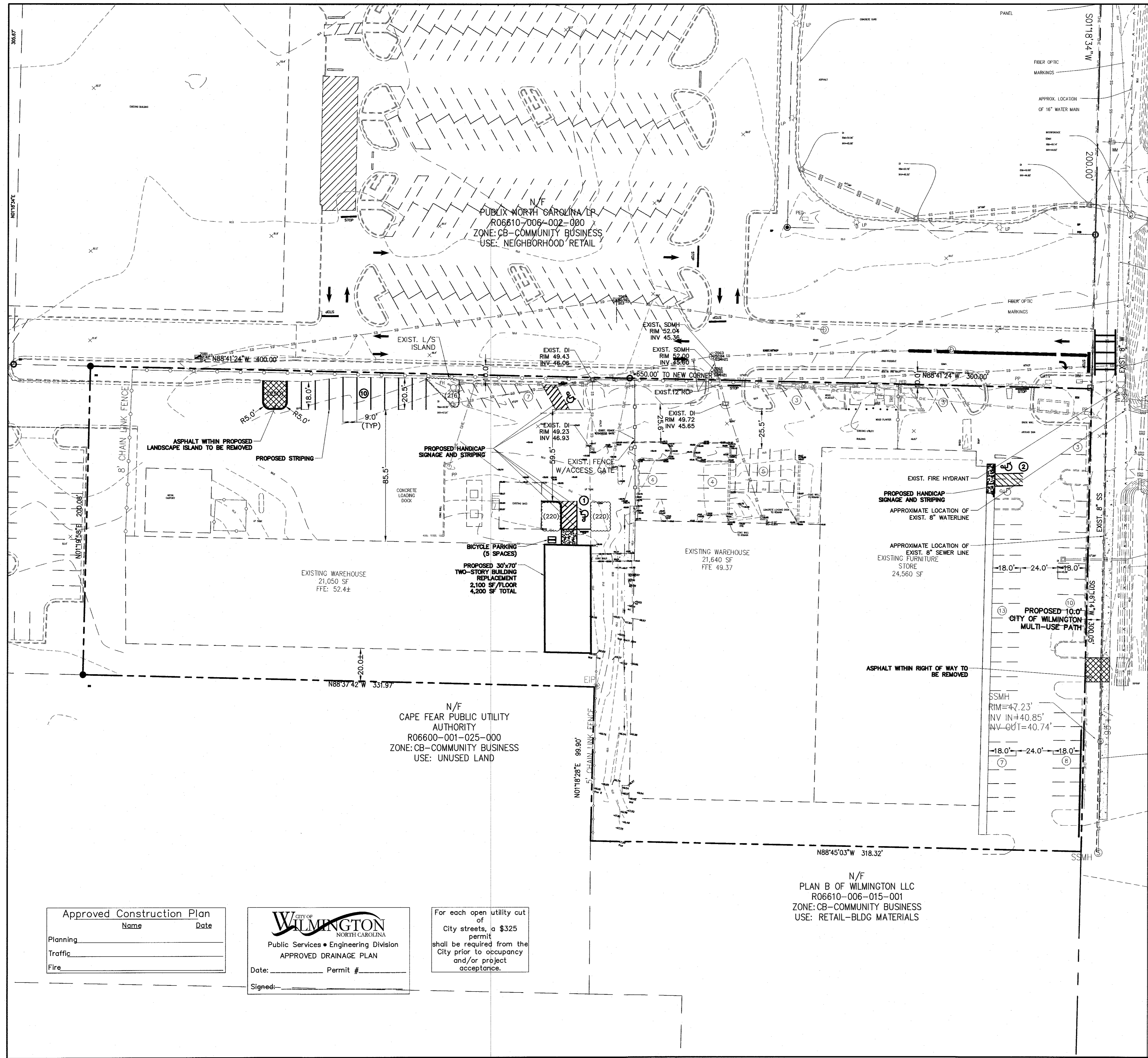
SITE INVENTORY
CUSTOM HOME FURNITURE ADDITION
 WILMINGTON, NORTH CAROLINA

TRIPP ENGINEERING, P.C.
 419 Chestnut Street
 Wilmington, North Carolina 28401
 Phone 910-763-5100
 Fax 910-763-5631
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DATE 01-26-18
 DESIGN PGT
 DRAWN EJW

C1
 SHEET 1 OF 4
 17055



LOCATION MAP
NTS

REVISIONS		
No.	Date	Description

SITE DATA:

PROPERTY OWNER:	GRAY BROS HOLDINGS LLC
PROJECT ADDRESS:	3514 S COLLEGE RD
PIN NUMBER:	06610-006-014-000
AREA NOT IN A FEMA 100-YEAR FLOOD ZONE.	
ZONING DISTRICT:	CB-COMMUNITY BUSINESS

SETBACKS REQUIRED:	FRONT: 20'
	REAR: 10'
	SIDE: 0'
	CORNER LOT SIDE: 20'

PROPOSED BUILDING SETBACKS:	FRONT: 66'
	REAR: 24'
	SIDE: 21'
	CORNER LOT SIDE: N/A

TRACT AREA:	182,006 SF (3.72 AC)
BUILDING USE:	WAREHOUSE/OFFICE

PROPOSED BUILDING AREA (GROSS):	4,200 SF
EXISTING BUILDING LOT COVERAGE (68,080/182,006):	42%
PROPOSED BUILDING LOT COVERAGE (68,080/182,006):	42%
NUMBER OF UNITS:	4
NUMBER OF BUILDINGS (EXISTING):	4
NUMBER OF BUILDINGS (PROPOSED BLDG REPLACEMENT):	1
BUILDING HEIGHT:	25'
NUMBER OF STORES:	2
SF PER FLOOR (GROSS):	2,100 SF

EXISTING IMPERVIOUS AREAS:	
EXISTING BUILDINGS:	68,080 SF
EXISTING ASPHALT:	61,530 SF
EXISTING CONCRETE:	265 SF
TOTAL EXISTING IMPERVIOUS AREA:	129,875 SF (80.2%)

PROPOSED ON-SITE IMPERVIOUS AREAS:	
PROPOSED BUILDING REPLACEMENT (FOOTPRINT):	2,100 SF
PROPOSED ASPHALT:	0 SF
PROPOSED CONCRETE:	205 SF
TOTAL PROPOSED IMPERVIOUS AREA:	2,305 SF (1.4%)

EXISTING BUILDING TO BE REMOVED:	-2,100 SF
EXISTING ASPHALT TO BE REMOVED:	-575 SF
EXISTING CONCRETE TO BE REMOVED:	-100 SF
PROPOSED+EXISTING IMPERVIOUS:	129,405 SF (78.9%)

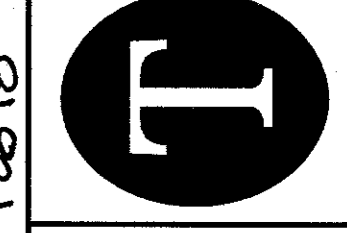
PARKING REQUIRED: (FURNITURE STORE) 24,560 SF	49
MAXIMUM: 1,500 SF (24,560/500)	
MINIMUM: 1,000 SF (24,560/1,000)	25
PARKING REQUIRED: (OFFICE) 4,200 SF	21
MAXIMUM: 1,200 SF (4,200/200)	
MINIMUM: 1,300 SF (4,200/300)	14
PARKING REQUIRED: (WAREHOUSE) 40,590 SF	41
MAXIMUM: 1,000 SF (40,590/1,000)	
MINIMUM REQUIRED:	111
TOTAL PARKING PROVIDED:	80

HANDICAP SPACES REQUIRED:	PROPOSED
(1-25 SPOTS = 1 HANDICAP SPOT)	
80 SPOTS/25=3.2	4 HANDICAP SPACES

CAMA LAND USE:	URBAN
PUBLIC WATER AND SEWER BY CPWA:	
EXISTING WATER FLOW:	600 GPD
EXISTING SEWER FLOW:	500 GPD
PROPOSED WATER FLOW:	600 GPD
PROPOSED SEWER FLOW:	500 GPD
BICYCLE PARKING REQUIRED: (80 PARKS)	5 SPACES
BICYCLE PARKING PROPOSED:	5 SPACES

OVERALL SITE PLAN
CUSTOM HOME FURNITURE ADDITION
WILMINGTON, NORTH CAROLINA

TRIPP ENGINEERING, P.C.
419 Chestnut Street
Wilmington, North Carolina 28401
Phone 910-763-5100
Fax 910-763-5631
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LICENSE NO. 25-1927



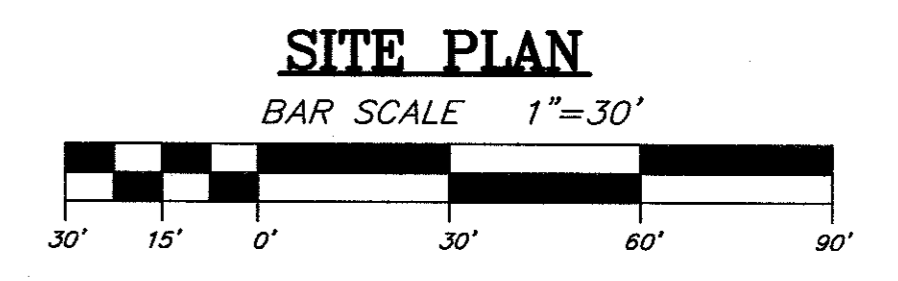
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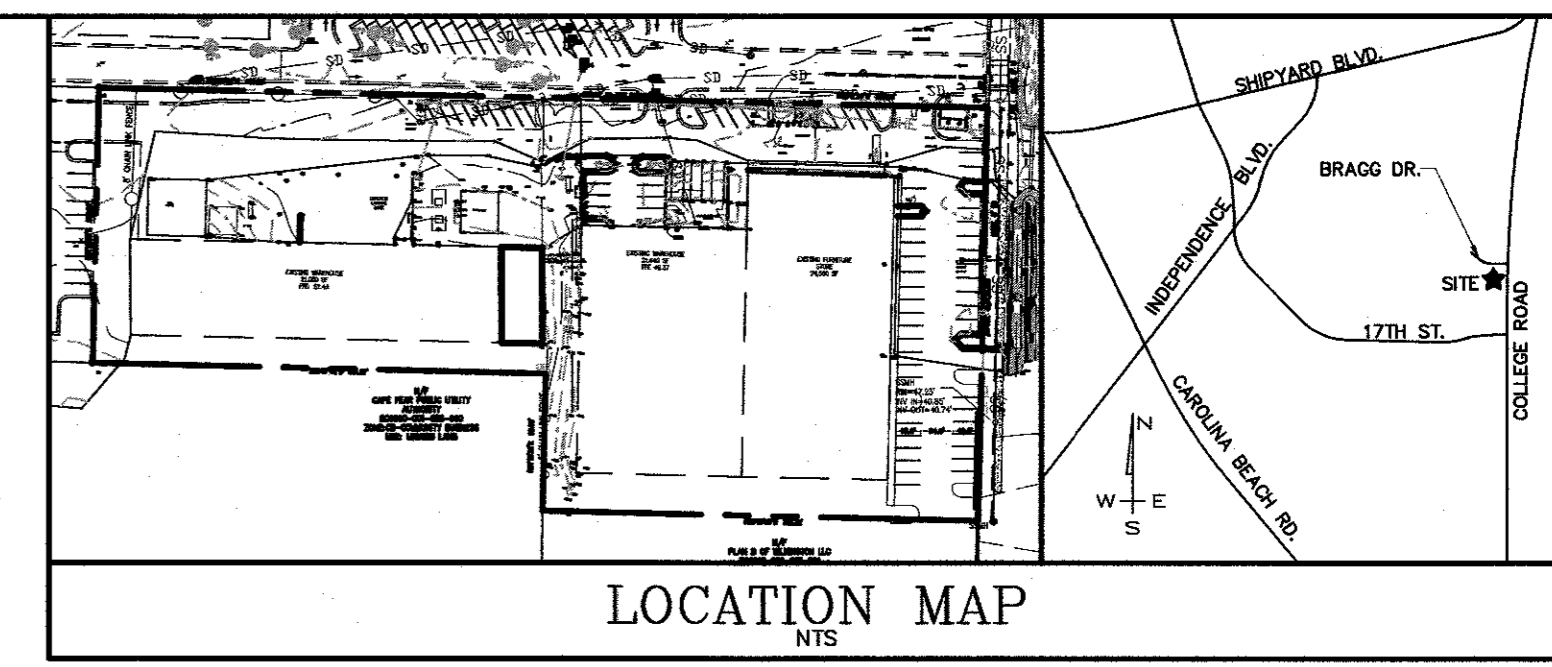
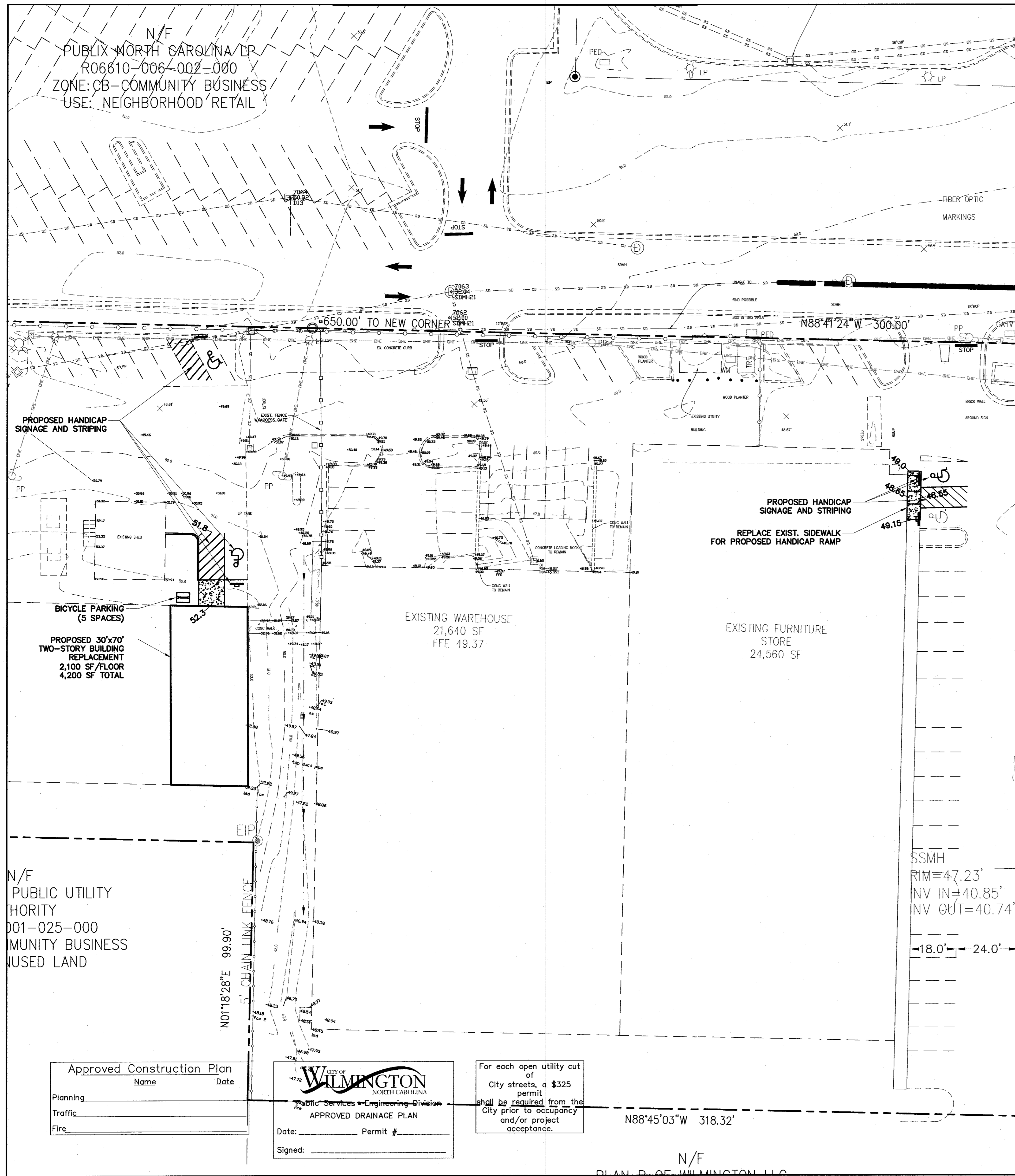
Approved Construction Plan	
Name	Date
Planning	
Traffic	
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City of WILMINGTON
NORTH CAROLINA
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APPROVED DRAINAGE PLAN
Date: _____ Permit # _____
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For each open utility cut of City streets, a \$325 permit shall be required from the City prior to occupancy and/or project acceptance.

N/F
PLAN B OF WILMINGTON LLC
R06610-006-015-001
ZONE: CB-COMMUNITY BUSINESS
USE: RETAIL-BLDG MATERIALS





REVISIONS		
No.	Description	By

NOTES:

ZONING:
 1) SURVEY COMPLETED BY ROBERT SESSOMS AND ASSOC., PLLC.
 2) CONTRACTOR SHALL FIELD VERIFY SIZE, MATERIAL, INVERTS AND LOCATION OF ALL EXISTING UTILITIES PRIOR TO INSTALLATION OF PROPOSED CONNECTIONS.
 3) EXISTING EASEMENTS AS SHOWN.
 4) CONTRACTOR SHALL MAINTAIN ALL-WEATHER ACCESS FOR EMERGENCY VEHICLES AT ALL TIMES DURING CONSTRUCTION.

SOLID WASTE:
 1) SITE TO USE ON-SITE DUMPSTER.

TRAFFIC:
 1) ALL PAVEMENT MARKINGS IN PUBLIC RIGHTS-OF-WAY AND FOR DRIVEWAYS ARE TO BE THERMOPLASTIC AND MEET CITY AND/OR NCDOT STANDARDS.
 2) ONCE STREETS ARE OPEN TO TRAFFIC CONTACT TRAFFIC ENGINEERING TO REQUEST INSTALLATION OF TRAFFIC AND STREET NAME SIGNS. PROPOSED STREET NAMES MUST BE APPROVED PRIOR TO INSTALLATION OF STREET NAME SIGNS.
 3) 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.
 4) CONTACT TRAFFIC ENGINEERING AT 341-7888 TO ENSURE THAT ALL TRAFFIC SIGNALS FACILITIES AND EQUIPMENT ARE SHOWN ON THE PLAN.
 5) CALL TRAFFIC ENGINEERING AT 341-7888 FORTY-EIGHT HOURS PRIOR TO ANY EXCAVATION IN THE RIGHT-OF-WAY.
 6) ANY BROKEN OR MISSING SIDEWALK PANELS, DRIVEWAY PANELS AND CURBING WILL BE REPLACED.
 7) CONTACT TRAFFIC ENGINEERING AT 741-7888 TO DISCUSS STREET LIGHTING OPTIONS.
 8) ALL TRAFFIC CONTROL SIGNS AND MARKINGS OFF THE RIGHT-OF-WAY ARE TO BE MAINTAINED BY THE PROPERTY OWNER IN ACCORDANCE WITH MUTCD STANDARDS.
 9) NO ROWS TO BE CLOSED.
 10) NO STREETS PROPOSED.
 11) NO OFF SITE PARKING PROPOSED.
 12) NO DRIVEWAY IS PROPOSED.
 13) TRAFFIC ENGINEERING MUST APPROVE OF PAVEMENT MARKING PRIOR TO ACTUAL STRIPING.
 14) ALL PARKING STALL MARKINGS AND LANE ARROWS WITHIN THE PARKING AREAS SHALL BE WHITE.
 15) STOP SIGNS AND STREET SIGNS TO REMAIN IN PLACE DURING CONSTRUCTION.
 16) TACTILE WARNING MATS WILL BE INSTALLED ON ALL WHEELCHAIR RAMPS.
 17) A UTILITY CUT PERMIT IS REQUIRED FOR EACH OPEN CUT OF A CITY STREET. CONTACT 341-5888 FOR MORE DETAILS. IN CERTAIN CASES AN ENTIRE RESURFACING OF THE AREA BEING OPEN CUT MAY BE REQUIRED.

FIRE AND LIFE SAFETY NOTES:
 1) CONTRACTOR SHALL MAINTAIN AN ALL-WEATHER ACCESS FOR EMERGENCY VEHICLES AT ALL TIMES DURING CONSTRUCTION.
 2) ADDITIONAL FIRE PROTECTION AND ACCESSIBILITY REQUIREMENTS MAY BE REQUIRED DUE TO ANY SPECIAL CIRCUMSTANCES THAT ARISE THROUGHOUT THE COURSE OF THE PROJECT.

DRAINAGE:
 1) SITE TO DRAIN TO A PERMITTED OFFSITE STORMWATER POND.

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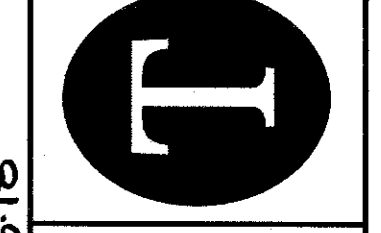
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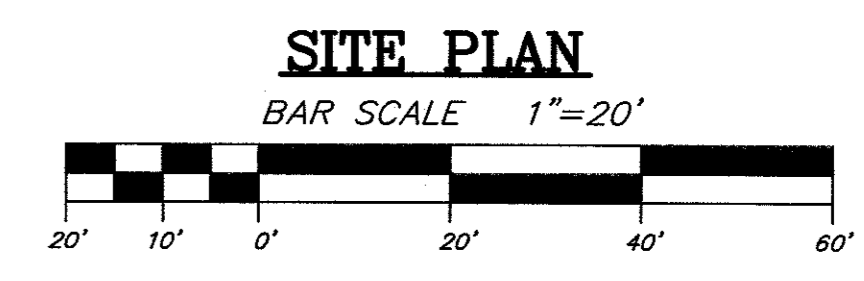
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GRADING, DRAINAGE, EROSION CONTROL AND STORMWATER MANAGEMENT PLAN
CUSTOM HOME FURNITURE ADDITION
 WILMINGTON, NORTH CAROLINA

TRIPP ENGINEERING, P.C.
 419 Chestnut Street
 Wilmington, North Carolina 28401
 Phone 910-763-5100
 Fax 910-763-5631
© LICENSE NO. 32727



DATE 01-26-18
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 DRAWN EJW



Approved Construction Plan

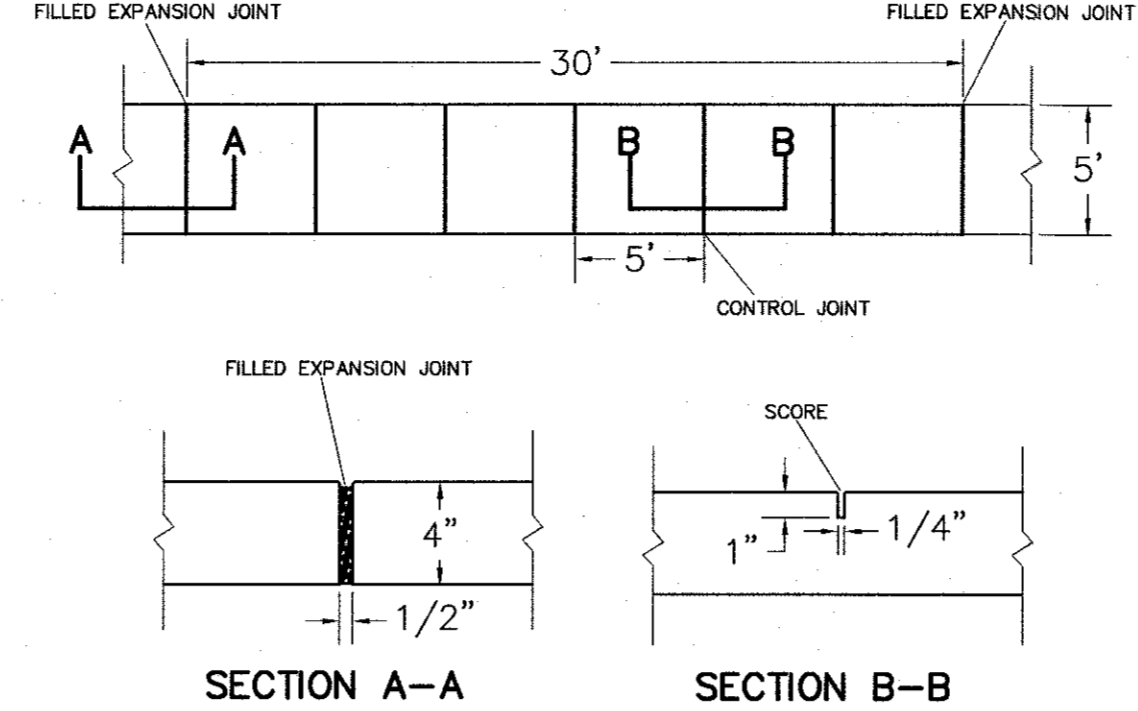
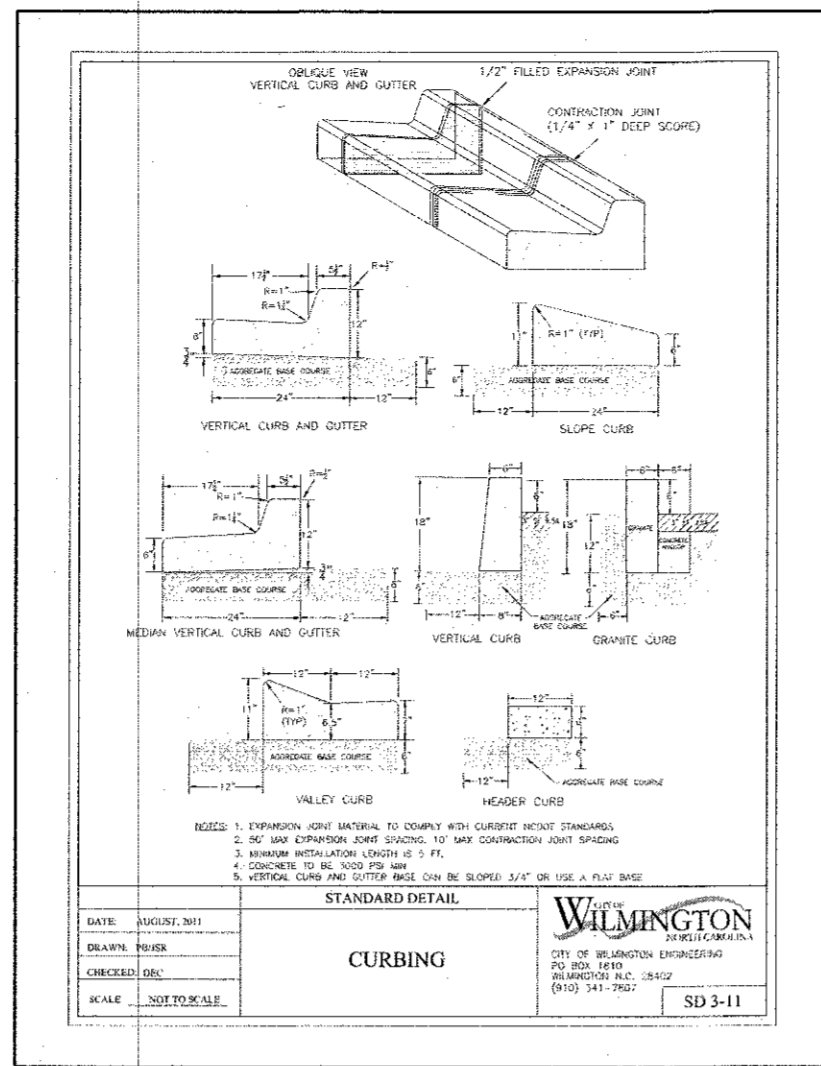
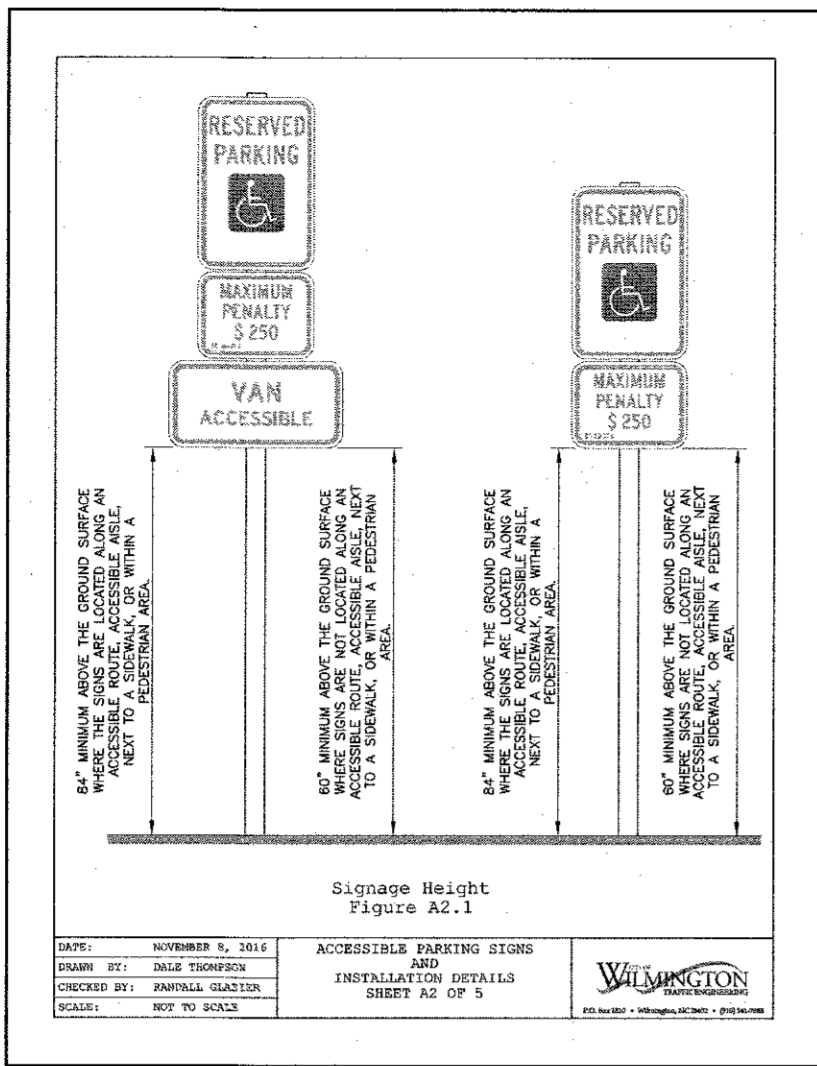
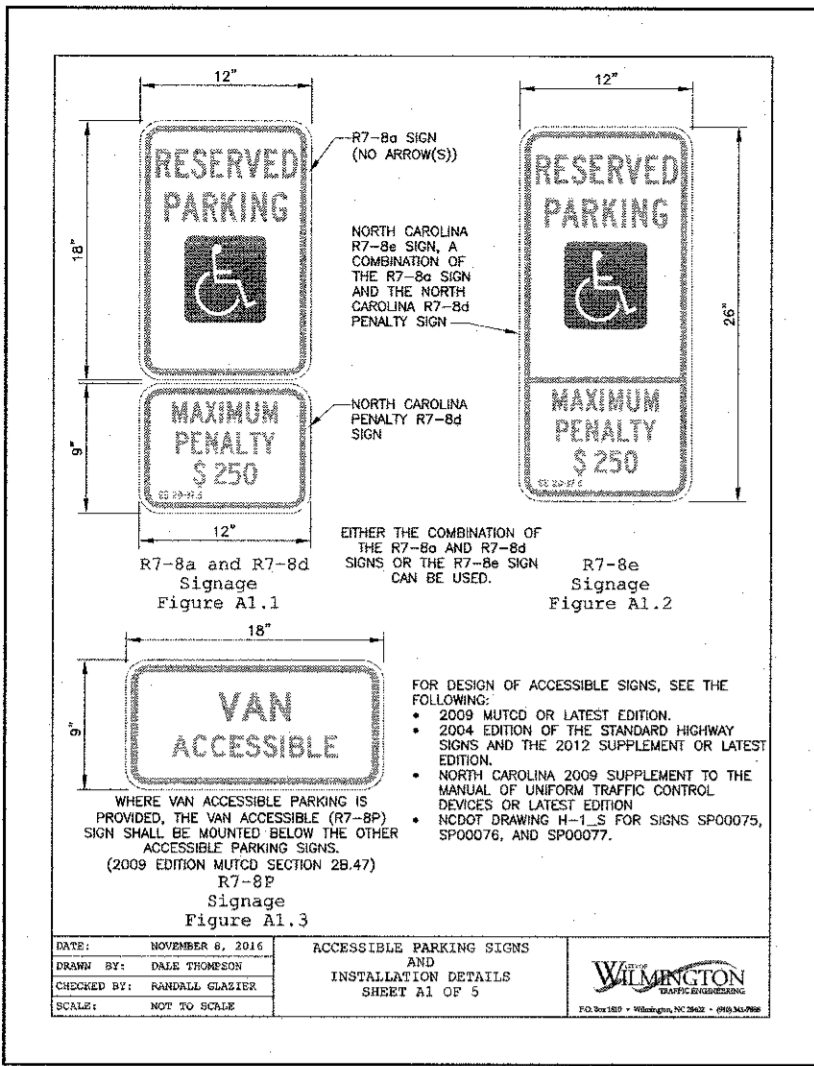
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 Public Services - Engineering Division
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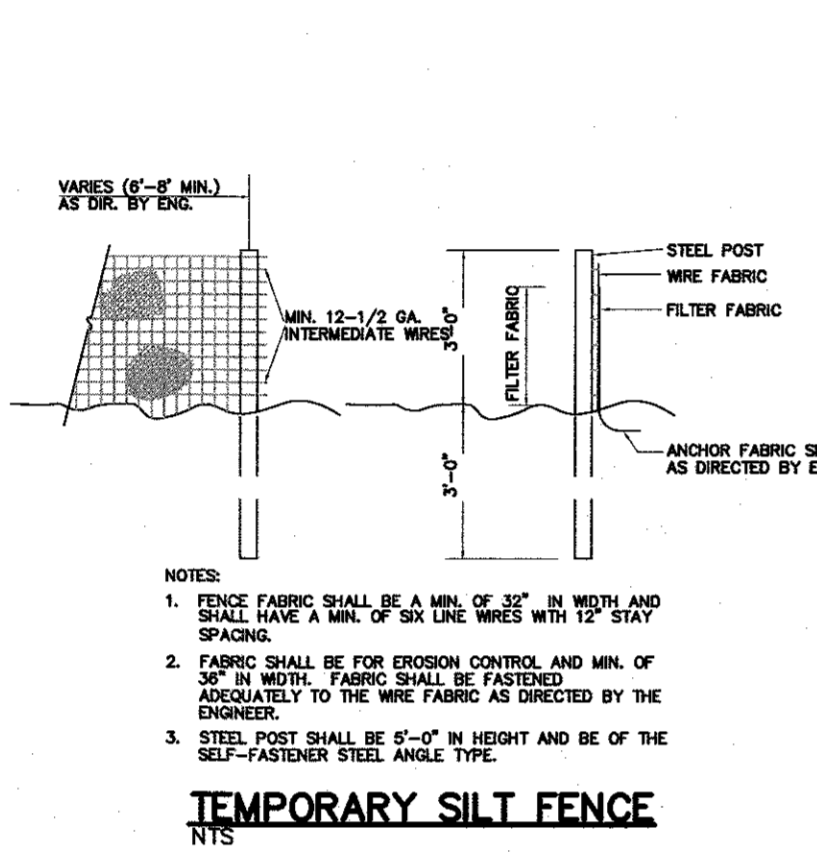
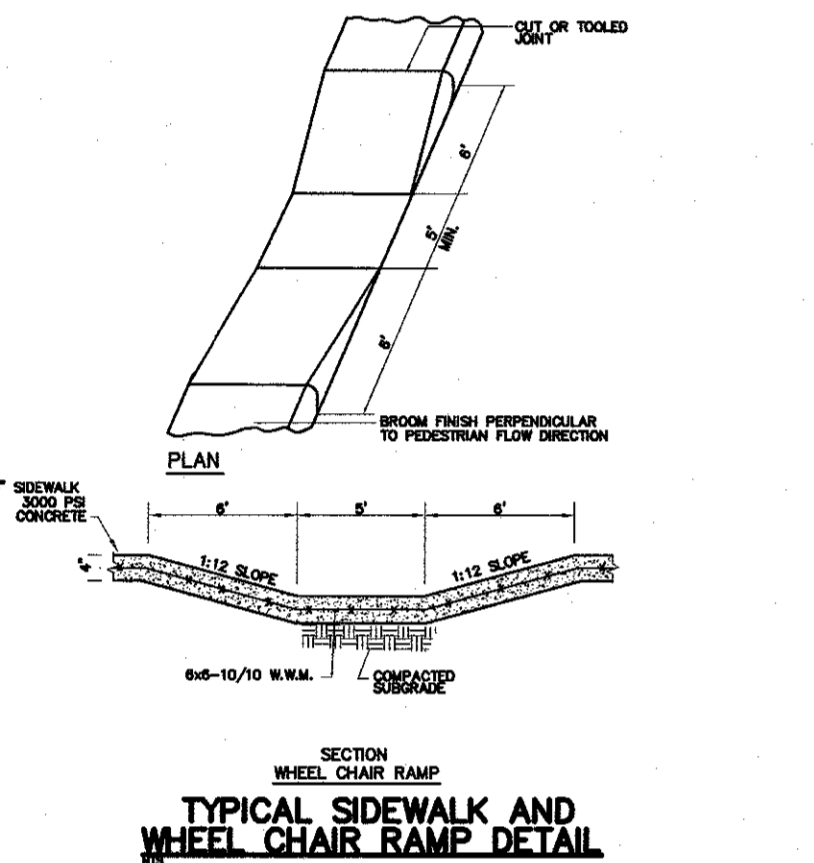
N88°45'03"W 318.32'

N/F
PLAN B OF WILMINGTON, LLC



- NOTES:**
- JOINT MATERIAL TO COMPLY WITH CURRENT NCDOT STANDARDS.
 - SANITARY SEWER CLEAN-OUTS, WATER METERS, MANHOLES, AND VALVE LIDS TO BE LOCATED OUTSIDE SIDEWALK WHERE FEASIBLE.
 - MINIMUM SIDEWALK WIDTH TO BE 6' MINIMUM IF PLACED AT BACK OF CURB.
 - CONCRETE FOR ALL SIDEWALKS (EXCEPT ANY PORTION CONTAIN WITHIN A DRIVEWAY APRON) SHALL BE CLASS "A" - 3000 PSI.
 - MINIMUM REPLACEMENT FOR REPAIRS IS A 5' X 5' PANEL.
 - 4" STONE BASE MAY BE REQUIRED FOR POOR SOIL CONDITIONS.
 - MINIMUM DEPTH FOR TUNNELING BELOW SIDEWALK IS 12"
 - MAX ADJACENT GROUND SLOPE WITHOUT RAILING IS 2:1
 - MIN GRADE FOR PROPER DRAINAGE IS 1% IN AT LEAST 1 DIRECTION. MAX CROSS SLOPE IS 2% MAX LONGITUDINAL SLOPE IS 8.3% 10% IF LIMITED BY EXISTING CONDITIONS, OR NO GREATER THAN THE SLOPE OF THE EXISTING ADJACENT ROAD.

CITY OF WILMINGTON SIDEWALK SD 3-10



NPDES GROUND STABILIZATION CRITERIA

SITE AREA DESCRIPTION	STABILIZATION TIMEFRAME	STABILIZATION TIMEFRAME EXCEPTIONS
PERMETER DIKES, SWALES, DITCHES AND SAND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER (HWQ) 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 APPLY.
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 PERMETERS AND HWQ ZONES)

SPRING-SUMMER PERMANENT GRASSING DETAIL

SPECIES	RATE (lb/acre)
PERennial Ryegrass	30
ORCHARD Grass	30
BERMUDA Grass	30
GERMAN MILLET	30
TALL FESCUE	30

FALL-WINTER PERMANENT GRASSING DETAIL

SPECIES	RATE (lb/acre)
FALL FESCUE (BLEND OF TWO OR MORE IMPROVED VARIETIES)	200

LATE WINTER & EARLY SPRING TEMPORARY GRASSING DETAIL

SPECIES	RATE (lb/acre)
Rye (green)	120
Annual lespedeza (Kobe in Piedmont and Coastal Plain, Korean in Mountains)	50

TEMPORARY SUMMER GRASSING DETAIL

SPECIES	RATE (lb/acre)
Rye (green)	40

TEMPORARY FALL GRASSING DETAIL

SPECIES	RATE (lb/acre)
Rye (green)	120

- REVISIONS**
- | No./Date | Description | By |
|----------|-------------|----|
| | | |
- SITE WORK NOTES**
- THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIARIZED WITH EXISTING CONDITIONS BOTH ON AND IMMEDIATELY ADJACENT TO THE SITE.
 - CLEARING: CONTRACTOR SHALL REMOVE ALL TREES AND VEGETATION WITHIN LIMITS OF CONSTRUCTION UNLESS OTHERWISE DESIGNATED TO REMAIN.
 - GRUBBING AND STRIPPING: CONTRACTOR SHALL RAISE AND REMOVE ROOTS, STUMPS, VEGETATION, DEBRIS, EXISTING STRUCTURES ABOVE AND BELOW GRADE, ORGANIC MATERIAL OR ANY OTHER UNSUITABLE MATERIAL WITHIN LIMITS OF CONSTRUCTION.
 - MUCKING: CONTRACTOR SHALL COORDINATE WITH OWNER AND THEIR GEOTECHNICAL REPRESENTATIVE TO COORDINATE REMOVAL OF ANY SOFT AREAS.
 - DISPOSAL: CLEARED, GRUBBED, STRIPPED OR OTHER WASTE MATERIAL SHALL BE REMOVED FROM SITE AND DISPOSED OF IN A PROPERLY PERMITTED FACILITY.
 - FILL AND COMPACTION SHOULD COMPLY WITH GEOTECHNICAL REPORT.
 - 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 OF THE PROPOSED GRADES.
 - THE CONTRACTOR SHALL FURNISH SUITABLE BORROW MATERIAL FROM AN OFF-SITE PROPERLY PERMITTED FACILITY AS REQUIRED.
 - 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.
 - THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE DISCONNECTION/RECONNECTION AND/OR THE RELOCATION OF ALL EXISTING UTILITIES WITH APPROPRIATE PERSONNEL.
 - EXISTING SURVEYING PERFORMED BY ROBERT SASSONS AND ASSOC., PLLC AND SUPPLIED BY THE OWNER.
 - 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.
 - THE CONTRACTOR SHALL PROVIDE ANY AND ALL LAYOUT REQUIRED TO CONSTRUCT HIS WORK UNLESS OTHERWISE DIRECTED BY OWNER.
 - ALL FIVE UTILITY MAINS SHALL BE INSTALLED WITH A MINIMUM OF 36" COVER AT FINAL GRADE.
 - ALL SERVICE CONNECTIONS SHALL BE INSTALLED TO MEET ALL LOCAL AND STATE CODES. METERS, TAPS, METERALS, WORKMAN'S SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL COMPLY WITH ALL REQUIREMENTS.
 - ALL PAVEMENT, BASE AND SUBGRADE SHALL CONFORM TO NCDOT STANDARDS INCLUDING WORKMANSHIP, MATERIALS AND EQUIPMENT. APPROPRIATE SIGNAGE, SIGNS, LIGHTS OR OTHER TRAFFIC CONTROL DEVICES SHALL BE PROVIDED IN ACCORDANCE WITH NCDOT TO MAINTAIN SAFETY AND TWO WAY TRAFFIC.
 - 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.
 - CONCRETE STORM DRAINAGE PIPE SHALL BE CLASS III UNLESS OTHERWISE NOTED AND INSTALLED IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS.
 - USE WHITE LANE MARKING PAINT FOR ALL PAVEMENT MARKINGS. PAINT SHALL BE A CHLORINATED RUBBER ALKYL, FS TT-115, TYPE III, FACTORY MIXED, QUICK DRYING, NON BLEEDING, REFLECTIVE MATERIAL MAY BE ADDED AT OWNER'S OPTION FOR NIGHT REFLECTING.
 - DUCTILE IRON SHALL BE CLASS 50.
 - CONCRETE FOR WALKS, CURBS AND DRIVES SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI @ 28 DAYS - AIR ENTRAINED.
 - 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.
 - SEE GEOTECHNICAL REPORT NO. _____ DATED _____ BY _____ FOR ADDITIONAL REQUIREMENTS.
- CONSTRUCTION SEQUENCE**
- NO CUT SLOPE OR FILL SLOPE SHALL EXCEED A RISE OR FALL OF ONE FOOT FOR EVERY RUN OF 3 FEET (1 HORIZONTAL TO 3 VERTICAL).
 - NO SEDIMENT WILL BE ALLOWED TO EXIT THE SITE. ALL EROSION SHALL BE CONTROLLED INCLUDING SIDE SLOPES DURING AND AFTER CONSTRUCTION.
 - 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.
 - 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 TO BE CLEANED OUT AS STATED OR WHEN HALF FULL.
 - 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. 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.
 - A LAYER OF TOPSOIL SHALL BE APPLIED TO ALL NEW AREAS TO BE GRASSED.
 - MAINTAIN ALL EROSION CONTROL MEASURES UNTIL PROJECT IS COMPLETE.
 - MORE STRINGENT MEASURES MAY BE REQUIRED TO HALT EROSION IF THOSE ON THIS PLAN PROVE TO BE LESS EFFECTIVE.
 - REMOVE ALL TEMPORARY EROSION CONTROL MEASURES UPON COMPLETION OF CONSTRUCTION. ALL PERMANENT MEASURES SHALL BE INSTALLED PRIOR TO PROJECT COMPLETION.
- MAINTENANCE PLAN**
- ALL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CHECKED FOR STABILITY AND OPERATION FOLLOWING EVERY RAINFALL-PRODUCING RAINFALL, BUT IN NO CASE, LESS THAN ONCE EVERY WEEK AND WITHIN 24 HOURS OF EVERY HALF INCH RAINFALL.
 - ALL POINTS OF EGRESS WILL HAVE CONSTRUCTION ENTRANCES THAT WILL BE PERIODICALLY TOP-DRESSED WITH AN ADDITIONAL 2 INCHES OF 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.
 - 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.
 - 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.
 - 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 STANDARD FABRIC, WITHOUT WIRE BACKING, STAKE SPACING WILL BE 8 FEET MAX. WHEN STANDARD STRENGTH FABRIC AND WIRE BACKING ARE USED. IF ROCK FILTERS ARE USED, 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.
 - 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.
 - 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.
 - ALL SEEDED AREAS WILL BE FERTILIZED, RESEED AS NECESSARY, AND MULCHED ACCORDING TO SPECIFICATIONS IN THE VEGETATION 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.
 - FLOCCULANTS WILL BE USED TO ADDRESS TURBIDITY ISSUES. THE PUMPS, TANKS, HOSES AND INJECTION SYSTEMS WILL BE CHECKED FOR PROBLEMS OR TURBID DISCHARGES DAILY.
- SITE POLLUTANTS NOTES**
- LOCATE AREAS DESIGNATED FOR MANAGEMENT OF LAND CLEARING AND DEMOLITION DEBRIS, CONSTRUCTION AND DOMESTIC WASTE, AND HAZARDOUS OR TOXIC WASTE. THIS LOCATION SHALL BE AT LEAST 50' AWAY FROM STORM DRAIN INLETS AND SURFACE WATERS UNLESS IT CAN BE SHOWN THAT NO OTHER ALTERNATIVES ARE REASONABLY AVAILABLE.
 - DUMPING OF PAINT OR OTHER LIQUID BUILDING WASTES IN STORM DRAINS IS PROHIBITED.
 - LITTER AND SANITARY WASTE - THE PERMITTEE SHALL CONTROL THE MANAGEMENT AND DISPOSAL OF LITTER AND SANITARY WASTE FROM THE SITE.
 - LOCATE EARTHEN-MATERIAL STOCK PILE AREAS AT LEAST 50' AWAY FROM STORM DRAIN INLETS AND SURFACE WATERS UNLESS IT CAN BE SHOWN THAT NO OTHER ALTERNATIVES ARE REASONABLY AVAILABLE.
 - CONCRETE MATERIALS ONLY INCLUDING CONCRETES MUST BE CONTROLLED AND MANAGED TO AVOID CONTACT WITH SURFACE WATERS, WETLANDS OR BUFFERS. NO CONCRETE OR CEMENT SLURRY SHALL BE DISCHARGED FROM THE SITE.
 - ANY HAZARDOUS CONCRETE RESIDUE WILL BE DISPOSED OF, OR RECYCLED ON SITE, IN ACCORDANCE WITH LOCAL AND STATE SOLID WASTE REGULATIONS.
 - STABILIZATION SHALL BE ACHIEVED ON ANY AREA OF A SITE WHERE LAND-DISTURBING ACTIVITIES HAVE TEMPORARILY CEASED ACCORDING TO THE FOLLOWING SCHEDULE:
1. ALL PERMETER DIKES, SWALES, DITCHES, PERMETER SLOPES AND ALL SLOPES STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1) SHALL BE PROVIDED TEMPORARY OR PERMANENT STABILIZATION WITH GROUND COVER AS SOON AS PRACTICABLE BUT IN ANY EVENT WITHIN 7 CALENDAR DAYS FROM THE LAST LAND-DISTURBING ACTIVITY.
2. ALL OTHER DISTURBED AREAS SHALL BE PROVIDED TEMPORARY OR PERMANENT STABILIZATION WITH GROUND COVER AS SOON AS PRACTICABLE BUT IN ANY EVENT WITHIN 14 CALENDAR DAYS FROM THE LAST LAND-DISTURBING ACTIVITY.
3. EXTENSIONS OF TIME MAY BE APPROVED BY THE PERMITTING AUTHORITY BASED ON WEATHER OR OTHER SITE-SPECIFIC CONDITIONS THAT MAKE COMPLIANCE IMPRACTICABLE.
4. ALL SLOPES 50' IN LENGTH OR GREATER SHALL APPLY TO GROUND COVER WITHIN 7 DAYS EXCEPT WHEN THE SLOPE IS FLATTER THAN 4:1. SLOPES LESS THAN 50' SHALL APPLY TO GROUND COVER WITHIN 14 DAYS EXCEPT WHEN SLOPES ARE FLATTER THAN 3:1, THE 7-DAY REQUIREMENT APPLIES.
5. ANY SLOPED AREA FLATTER THAN 4:1 SHALL BE EXEMPT FROM THE 7-DAY GROUND COVER REQUIREMENT.
6. SLOPES 10' OR LESS IN LENGTH SHALL BE EXEMPT FROM THE 7-DAY GROUND COVER REQUIREMENT EXCEPT WHEN THE SLOPE IS STEEPER THAN 2:1.
7. ALTHOUGH STABILIZATION IS USUALLY SPECIFIED AS GROUND COVER, OTHER METHODS, SUCH AS CHEMICAL STABILIZATION, MAY BE ALLOWED ON A CASE-BY-CASE BASIS.
8. FOR PORTIONS OF PROJECTS WITHIN THE SEDIMENT CONTROL COMMISSION-DEFINED "HIGH QUALITY WATER ZONE" (10A NCAO 04A.010D), STABILIZATION WITH GROUND COVER SHALL BE ACHIEVED AS SOON AS PRACTICABLE BUT IN ANY EVENT ON ALL AREAS OF THE SITE WITHIN 7 CALENDAR DAYS FROM THE LAST LAND-DISTURBING ACT.

For each open utility cut of City streets, a \$325 permit shall be required from the City prior to occupancy and/or project acceptance.

Approved Construction Plan

Name _____ Date _____

Planning _____

Traffic _____

Fire _____

WILMINGTON
NORTH CAROLINA

Public Services • Engineering Division

APPROVED DRAINAGE PLAN

Date: _____ Permit # _____

Signed: _____

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WILMINGTON, NORTH CAROLINA

CUSTOM HOME FURNITURE ADDITION

DETAILS AND NOTES

DATE 01-26-18
DESIGN PGT
DRAWN EJW

C4

SHEET 4 OF 4
17055