

AAA CAR WASH - S COLLEGE SITE DEVELOPMENT PLANS WILMINGTON, NC - 911 SOUTH COLLEGE ROAD NEW HANOVER COUNTY, NORTH CAROLINA

PROJECT CONTACT LIST:

ELECTRIC
DUKE ENERGY
8645 TRADE STREET
LELAND, NC, 28451
910-520-3911 (PHONE)
CONTACT: BILL WILDER
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BILL.WILDER@DUKE-ENERGY.COM

WATER AND SEWER
CAPE FEAR PUBLIC UTILITY AUTH.
235 GOVERNMENT CENTER DR.
WILMINGTON, NC, 28403
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CITY OF WILMINGTON
PLANNING AND DEVELOPMENT
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WILMINGTON, NC, 28402
910.341.3260 (PHONE)
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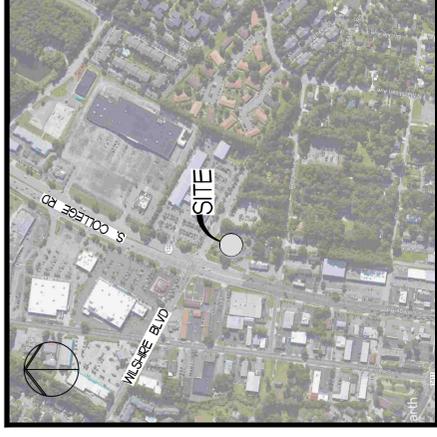
STORMWATER & EROSION CONTROL
ENGINEERING DEPARTMENT
212 OPERATIONS CENTER DR.
WILMINGTON, NC, 28412
910.341.5856 (PHONE)
910.341.5881 (FAX)
CONTACT: ROB GORDON
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STATE DEPT. OF TRANSPORTATION
NORTH CAROLINA DEPT. OF
TRANSPORTATION (NCDOT)
DISTRICT 3
300 DIVISION DRIVE
WILMINGTON, NC, 28401
910-398-9100 (PHONE)
CONTACT: BENJAMIN T. HUGHES, P.E.
E-MAIL:BT-HUGHES@NCDOT.GOV

GAS
PIEDMONT NATURAL GAS
1321 SOUTH 10TH STREET
WILMINGTON, NC, 28401
CONTACT: PAUL GONKA
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910.350.2263 (FAX)
EMAIL:
PAUL.GONKA@DUKE-ENERGY.COM

GENERAL NOTES

1. INFORMATION CONCERNING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS AND FIELD CONDITIONS WHEN POSSIBLE, BUT THE CONTRACTOR MUST DETERMINE THE EXACT LOCATION AND ELEVATION OF ALL EXISTING UTILITIES BY DIGGING TEST PITS BY HAND AT ALL UTILITY CROSSINGS WELL IN ADVANCE OF TRENCHING. IF THE CLEARANCES ARE LESS THAN SPECIFIED ON THE PLANS OR 12', WHICHEVER IS LESS, CONTACT FREELAND AND KAUFFMAN, INC. AT 756-47-233-5497 AND OWNER PRIOR TO PROCEEDING WITH CONSTRUCTION.
2. THE CONTRACTOR SHALL INCLUDE IN HIS CONTRACT PRICE THE REMOVAL AND DISPOSAL OF ANY EXCESS TOPSOIL HE DETERMINES IS NOT REQUIRED TO PERFORM THE FINAL GRADING AND LANDSCAPING OPERATION.
3. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND IMPLEMENTATION OF ALL REQUIRED/NECESSARY SHEETING, SHORING, AND SPECIAL EXCAVATION MEASURES REQUIRED ON THE PROJECT TO MEET OSHA, FEDERAL STATE AND LOCAL REGULATIONS PURSUANT TO THE INSTALLATION OF THE WORK INDICATED ON THE DRAWINGS. OWNER, AND FREELAND & KAUFFMAN, INC. ACCEPT NO RESPONSIBILITY FOR THE DESIGN TO INSTALL SAID ITEMS.
4. CALL UTILITY LOCATOR SERVICE 72 HOURS IN ADVANCE OF DIGGING AT 811.
5. ALL WORK SHALL MEET OR EXCEED SITE WORK SPECIFICATIONS AND CONFORM TO THE CITY OF WILMINGTON STANDARDS AND SPECIFICATIONS.
6. ALL CURB/HANDICAP RAMP DESIGNS SHALL CONFORM TO ADA STANDARDS OR THE CITY OF WILMINGTON STANDARDS, WHICHEVER IS MORE RESTRICTIVE.
7. PRE-CAST DRAINAGE AND SANITARY SEWER STRUCTURES HAVE BEEN SPECIFIED ON THE PLANS. OWNER, AND FREELAND & KAUFFMAN, INC., HOWEVER, ASSUME NO RESPONSIBILITY FOR THESE STRUCTURES AS FIELD CONDITIONS DURING CONSTRUCTION OFTEN DICTATE MINOR ELEVATION ADJUSTMENTS. THE CONTRACTOR ASSUMES ALL RESPONSIBILITY AND EXPENSE FOR MODIFYING THESE STRUCTURES TO ACCOMMODATE THESE FIELD ADJUSTMENTS.
8. THE CONTRACTOR SHALL INCLUDE IN THE CONTRACT PRICE DAILY RECORD KEEPING OF THE ASBUILT CONDITION OF ALL OF THE UNDERGROUND UTILITIES AND RELATED STRUCTURES ASSOCIATED WITH THE PROJECT. ALL UTILITY RECORD PLANS TO BE SUBMITTED TO THE CITY OF WILMINGTON AND ALL OTHER INFORMATION REQUIRED IN CONNECTION WITH RELEASE OF BONDS, PERMITS TO OPERATE, ETC., ALL SURVEYS SHALL BE PERFORMED BY A SURVEYOR LICENSED IN THE STATE OF NORTH CAROLINA.
9. ALL WATER LINE AND SEWER LINE INSTALLATION SHALL CONFORM TO THE STANDARDS AND DETAILS OF THE CITY OF WILMINGTON AND CAPE FEAR PUBLIC UTILITY AUTHORITY.
10. THE NOTICE OF INTENT, C-SWPPP, AND NPDES COVERAGE LETTER MUST BE KEPT ON THE JOB SITE AND SHOWN UPON REQUEST.
11. THE CONTRACTOR SHALL INCLUDE IN THE CONTRACT PRICE ALL MATERIAL AND LABOR ASSOCIATED WITH THE REQUIRED TESTING OF THE WATER AND SEWER LINES, BACKFLOW PREVENTION DEVICES, ETC. TO THE SATISFACTION OF THE CITY OF WILMINGTON AND CAPE FEAR PUBLIC UTILITY AUTHORITY SUCH THAT THE PERMIT TO OPERATE IS ISSUED.
12. THE CONTRACTOR SHALL INCLUDE IN THE CONTRACT PRICE ANY DE-WATERING NECESSARY TO CONSTRUCT THE PROJECT AS SHOWN ON THE PLANS.
13. SEDIMENT CONTROL MEASURES MUST BE INSPECTED AND MAINTAINED REGULARLY TO ENSURE THAT THE INTENDED PURPOSES ARE ACCOMPLISHED.
14. ALL DRAINAGE STRUCTURES MUST MEET NCDOT'S STANDARDS AND SPECIFICATIONS.
15. ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES AND/OR UTILITY SERVICE COMPANIES SHALL BE PERFORMED PRIOR TO ANNOUNCED BUILDING POSSESSION AND THE FINAL CONNECTION OF SERVICES.
16. CONTRACTOR SHALL PROVIDE AN ASBUILT SURVEY OF THE UNDERGROUND DETENTION SYSTEM. SURVEY SHALL BE DONE BY A NC REGISTERED SURVEYOR.



SITE LOCATION MAP
(SCALE: 1"=1000')

PROPERTY INFORMATION
SITE ADDRESS - 911 S. COLLEGE RD, WILMINGTON NC 28403
PARCEL ID - R06956-007-002-000
ZONED - CB & RB-HO
PROJECT ACREAGE - 1.41 AC
NUMBER OF BUILDINGS - 1 (1 STORY BUILDING)
BUILDING HEIGHT - 28' HIGH-EST
BUILDING SQUARE FOOTAGE - 12,974 SF
CAMA LAND USE - URBAN
SETBACKS -
REQUIRED - 20' FRONT / 10' REAR / 0' SIDE
BUILDING LOT COVERAGE -
EXISTING - 9.69% (6,076 SF)
PROPOSED - 4.8% (2,974 SF)
IMPERVIOUS AREA
EXISTING (TO BE REMOVED) - 26,834 SF
PROPOSED - 32,670 SF
LATITUDE - 34°13'04.5" N LONGITUDE - 77°53'04.4" W

REVISIONS	DATE	BY

Sheet List Table

Sheet Number	Sheet Title
1	COVER
2	SURVEY
3	DEMOLITION PLAN
4	SITE PLAN
5	DRIVEWAY PLAN
6	SITE DETAILS 1 OF 2
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9	STORM PROFILES
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18	UTILITY PLAN
19	UTILITY DETAILS 1 OF 2
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21	LANDSCAPE PLAN

ENGINEER-

FREELAND and KAUFFMAN, INC.
Engineers - Landscape Architects
209 WEST STONE AVENUE
GREENVILLE, SC 29609
864.233.5497 (TEL)
864.233.8915 (FAX)
CONTACT: TODD SIMMONS E-MAIL: TSIMMONS@FK-NC.COM

OWNER/DEVELOPER-

MPV PROPERTIES
2400 SOUTH BOULEVARD
SUITE 300
CHARLOTTE, NC 28203
704.248.2100 (TEL.)
CONTACT: BRETT JARRETT
336.480.7173 (TEL.)
E-MAIL:BJJARRETT@MPVRE.COM

<input type="checkbox"/> Water - 6650 - GPD (current use)
<input type="checkbox"/> Water - 1200 - GPD (proposed use)
<input type="checkbox"/> Sewer - 6650 - GPD (current use)
<input type="checkbox"/> Sewer - 1200 - GPD (proposed use)

Approved Construction Plan	
Name	Date
Planning	
Traffic	
Env	

PARCEL DESCRIPTION:
 ALL THAT CERTAIN PICE, PARCEL OR TRACT OF LAND LYING AND BEING IN THE CITY OF WILMINGTON, NEW HANOVER COUNTY, NORTH CAROLINA, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:
 BEGINNING AT A CONCRETE MONUMENT AT THE INTERSECTION OF THE EASTERLY MARGIN OF THE RIGHT-OF-WAY OF SOUTH COLLEGE RD. AND THE SOUTHERLY MARGIN OF THE RIGHT-OF-WAY OF WILSHIRE BLVD. (60 FOOT PUBLIC RIGHT-OF-WAY) HAVING NC GRID COORDINATES OF N 172,338.22, E 2,337,153.96; THENCE ALONG THE SOUTHERLY MARGIN OF WILSHIRE BLVD. (60 FOOT PUBLIC RIGHT-OF-WAY) A DISTANCE OF 208.74 FEET TO AN IRON PIPE, THENCE ALONG THE COMMON LINE OF STEVENSON SUSAN BOATH AND RIPA LAWRENCE REV TRUST N83°16'31"W A DISTANCE OF 200.01' TO AN IRON PIPE, THENCE ALONG THE COMMON LINE RIPA LAWRENCE REV LIV TRUST N06°51'54"E A DISTANCE OF 105.76 FEET TO AN IRON PIPE, THENCE ALONG THE SAME COMMON LINE SOUTH COLLEGE RD. N22°18'32"E A DISTANCE OF 204.12 FEET TO THE POINT OF BEGINNING AND CONTAINING 61,301 S.F. OR 1.407 ACRES MORE OR LESS.
 BEING THE SAME PARCEL DESCRIBED AS:
 Beginning at the point of intersection of the Eastern right of way line of NC Hwy #132 (South College Road) with the Southern right of way line of Wilshire Blvd. (60 foot right of way), running South 10 degrees 13 minutes 25 seconds West - 243.56 feet to a point; thence leaving said right of way line and running South 10 degrees 13 minutes 25 seconds West - 243.56 feet to a point; thence North 25 degrees 54 minutes 09 seconds East - 104.91 feet to a point; thence North 59 degrees 04 minutes 00 seconds West 25.56 feet to a point in the Eastern right of way line of NC Hwy. #132, as it tapers, North 25 degrees 54 minutes 09 seconds East - 203.92 feet to the point of beginning, containing 1,406 square feet, more or less, and being a portion of Farm 60, Winter Park Gardens, Wilmington Township, New Hanover County, North Carolina.

Being the same property shown and described in deeds recorded in Book 1709, Page 493, and Book 1677, Page 626.

UTILITY INFORMATION

WATER AND SEWER: CAPE FEAR PUBLIC UTILITY AUTHORITY (910) 332-6550
 ELECTRIC: DUKE ENERGY (800) 653-5307
 GAS: PIEDMONT NATURAL GAS COMPANY (800) 752-7504
 TELEPHONE: AT&T (800) 331-0800
 CABLE: TIME WARNER CABLE / SPECTRUM (800) 892-4357

ZONING DATA

ZONE: (CB)
 SETBACK LINES: FRONT: 20' REAR: 10'
 MAXIMUM BUILDING HEIGHT: 45'
 ZONE: (R-10)
 SETBACK LINES: FRONT: 30' REAR: 25'
 MAXIMUM BUILDING HEIGHT: 35'

FLOOD INFORMATION

FLOOD ZONE "X" (MINIMAL FLOOD HAZARD)
 PER FEMA MAP NO. 372031700K
 EFFECTIVE DATE: 09/28/2016

PARKING

REGULAR = 77
 HANDICAP = 4

LOCATION MAP
 SCALE: 1"=2,000'

NOTES:

- NORTH ARROW, BEARINGS, AND COORDINATES ARE BASED UPON NC GRID NAD 83 ESTABLISHED BY STATIC GPS OBSERVATION AND OPUS SOLUTION.
- ELEVATIONS ARE BASED UPON NAVD 88 ESTABLISHED BY STATIC GPS OBSERVATION AND OPUS SOLUTION.
- REFERENCE IS HEREBY MADE TO THE FOLLOWING MAPS:
 - DEED BOOK 4953, PAGE 869 RECORDED IN NEW HANOVER COUNTY REGISTER OF DEEDS OFFICE.
 - THIS SURVEY MEETS THE REQUIREMENT FOR A CLASS "A" SURVEY (1:10,000) AS DEFINED FOR THE STANDARDS OF PRACTICE FOR LAND SURVEYING IN THE STATE OF NORTH CAROLINA.
- THE AREA WAS DETERMINED BY DMD METHOD.
- ALL HORIZONTAL DISTANCES ARE GROUND DISTANCES.
- THE HORIZONTAL DISTANCES SHOWN HAVE BEEN LOCATED FROM ONE CALL TICKET, FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION OR DEPTH AS INDICATED. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.
- THE PROPERTY APPEARS TO BE IN FEMA ZONE "X" (AREA OF MINIMAL FLOOD HAZARD), PER MAP #372031700K, EFFECTIVE 09/20/2018.
- ZONING PROVIDED BY THE CITY OF WILMINGTON TO BE USED FOR INFORMATIONAL PURPOSES ONLY.
- TOTAL AREA = 61,301 S.F. = 1.4072 ACRES
- NO EVIDENCE OF RECENT EARTH MOVING, BUILDING CONSTRUCTION, STREET OR SIDEWALK CONSTRUCTION WAS OBSERVED ON SITE.
- THE SITE DOES NOT APPEAR TO HAVE BEEN USED AS A SOIL WASH DUMP, SUMP, OR SANITARY LANDFILL.
- NO VISIBLE FLAGGING EVIDENCE OF POTENTIAL WETLANDS WERE OBSERVED ON THE SUBJECT PROPERTY AT THE TIME THE SURVEY WAS CONDUCTED, NOR HAVE WE RECEIVED ANY DOCUMENTATION OF ANY WETLANDS BEING LOCATED ON THE SUBJECT PROPERTY.

Exceptions to Title, Schedule B, Part II, First American Title Insurance Company
 File No. 19-0371, Effective Date: March 6, 2019

- (NOT A SURVEY MATTER)
- Subordination, Estoppel, Nondisturbance and Abatement Agreement recorded in Book 5924, Page(s) 2187, New Hanover County Registry. (MEMO OF LEASE NOT A SURVEY MATTER)
- Tenant Subordination and Abatement Agreement recorded in Book 5887, Page(s) 917, New Hanover County Registry. (NOT A SURVEY MATTER)
- Memorandum of Lease in favor of Laterna, Inc. recorded in Book 5038, Page(s) 661, New Hanover County Registry. (NOT A SURVEY MATTER)
- Memorandum and Notice of Lease Agreement in favor of The Lamar Companies recorded in Book 5918, Page(s) 2805, New Hanover County Registry. (NOT A SURVEY MATTER)
- Easement in favor of Carolina Power & Light Company recorded in Book 1727, Page(s) 221, New Hanover County Registry. (AFFECTS THE SUBJECT PARCEL, BLANKET IN NATURE OVER ELECTRICAL LINES)
- General Utility Easements in favor of the City of Wilmington recorded in Book 1677, Page(s) 271 and Book 1677, Page 265, New Hanover County Registry. (AFFECTS THE SUBJECT PARCEL AS SHOWN HEREON)
- Right of Way in favor of State Highway and Public Works Commission recorded in Book 606, Page(s) 615, New Hanover County Registry. (CURRENT ROAD RIGHT-OF-WAY SHOWN HEREON)
- Title to any portion of Land lying within the right of way of South College Road (NC Hwy 132) and Wilshire Boulevard. (PARCEL LINES AND RESPECTIVE RIGHT-OF-WAY LINES ARE CONTIGUOUS LEAVING NO GAPS OR GORES)
- Building restriction lines, easements and other matters shown on plot recorded in Map Book 3, Page 38, New Hanover County Registry. (DOES NOT AFFECT THE SUBJECT PARCEL, NOTHING TO FLOT)
- The Company does not insure the calculation of the acreage or square footage of the land. (CURRENT SURVEY SHOWN HEREON)
- Rights of tenant(s) in possession under unrecorded lease(s). (NOT A SURVEY MATTER)
- Any discrepancy, conflict, access, shortage in area or boundary lines, encroachment, encumbrance, violation, variation, overlap, setback, easement or claim of easement, riparian right, and title to land within roads, ways, railroads, watercourses, burial grounds, marshes, dredged or filled areas or land below the mean highwater mark or within the bounds of any adjoining body of water, or other matters which may affect the title that would be detected by a current inspection and accurate and complete land survey of the land. (CURRENT SURVEY SHOWN HEREON)

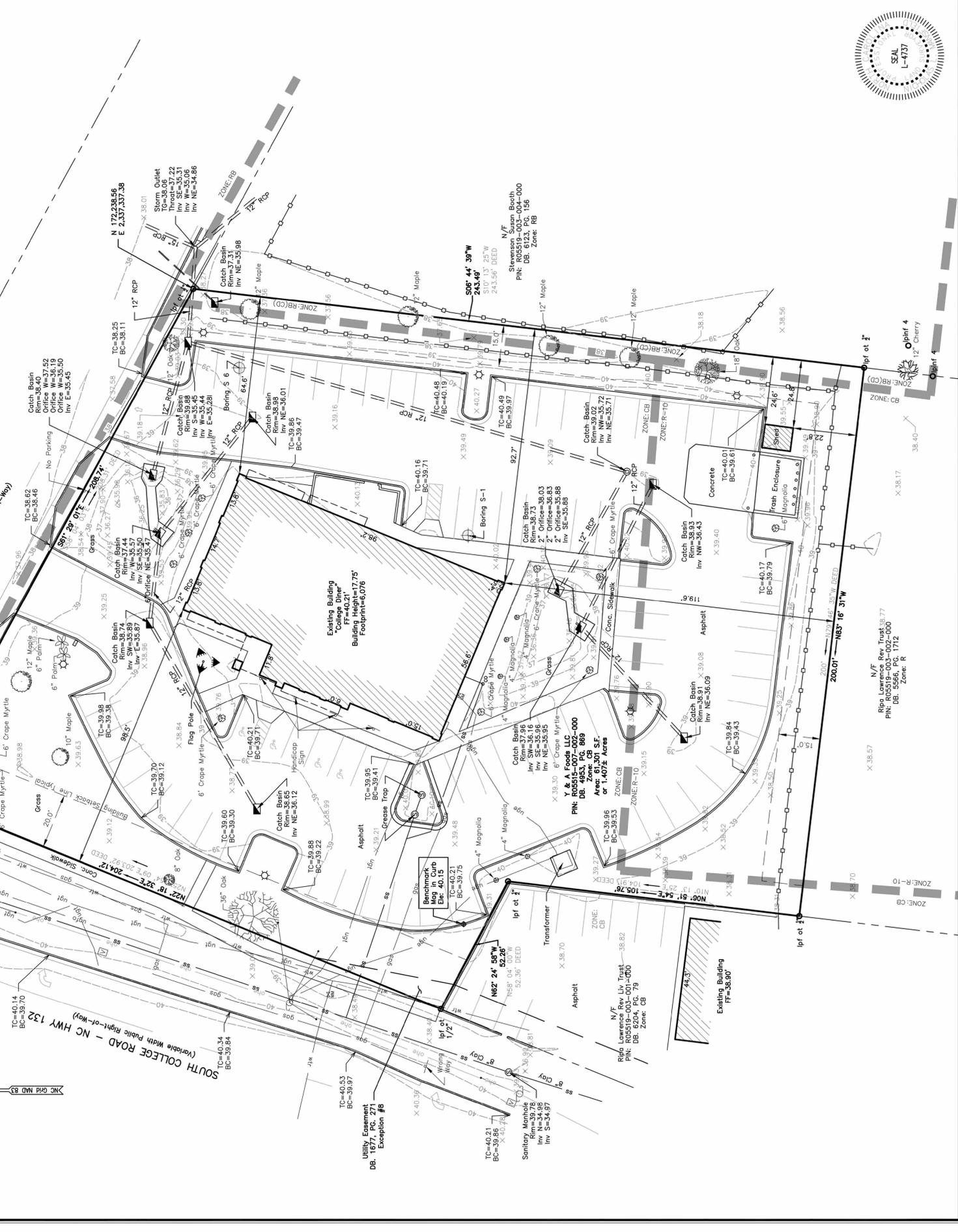
LEGEND

PROPERTY LINE	ADJOINER PROPERTY LINE	DRAINAGE MANHOLE
EASEMENT LINE	STORM DRAINAGE PIPE	CATCH BASIN W/GRATE
SANITARY SEWER LINE	WATER VALVE	SANITARY SEWER MANHOLE
WATER LINE	HYDRANT	WATER METER
GAS LINE	CLEANOUT	HYDRANT
UNDERGROUND FIBER OPTIC	GAS METER	CLEANOUT
UNDERGROUND TELEPHONE	ELECTRIC METER	GAS METER
UNDERGROUND ELECTRIC	LIGHT POLE	ELECTRIC METER
OVERHEAD ELECTRIC	UTILITY POLE	LIGHT POLE
OVERHEAD TELEPHONE	UNDERGROUND UTILITY BOX	UTILITY POLE
OVERHEAD TRAFFIC WIRES	CROSSWALK SIGNAL	UNDERGROUND UTILITY BOX
WOOD FENCE	MAILBOX	CROSSWALK SIGNAL
OVERHANG	SIGN	MAILBOX
GUIDE WIRE	TELEPHONE PEDESTAL	SIGN
TRAFFIC ARROWS	IRON PIN-REBAR FOUND	TELEPHONE PEDESTAL
	IRON PIPE FOUND	IRON PIN-REBAR FOUND
	CONCRETE MONUMENT FOUND	IRON PIPE FOUND
	GROUND LIGHT	CONCRETE MONUMENT FOUND

TO: CAROLINA MOTOR CLUB, INC.
 FIRST AMERICAN TITLE INSURANCE COMPANY

THIS IS TO CERTIFY THAT THIS MAP OR PLAN AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2016 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 1, 2, 3, 4, 5, 6B, 7C, 8, 9, 11, 13, 14, 15, 16, 17, 18, 19, AND 20 OF TABLE A THEREOF. THE FIELD WORK WAS COMPLETED ON APRIL 12, 2019.

NICHOLAS L. MANSFIELD DATE: 05/21/2019 REGISTRATION #L-4737
 * THE WORDS "CERTIFY", "CERTIFICATE" OR "CERTIFICATION" AS USED HEREON ARE UNDERSTOOD TO BE AN EXPRESSION OF PROFESSIONAL OPINION BY THE SURVEYOR, BASED UPON HIS BEST KNOWLEDGE, INFORMATION AND BELIEF, AS SUCH, DO NOT CONSTITUTE A GUARANTEE NOR A WARRANTY, EXPRESSED OR IMPLIED.



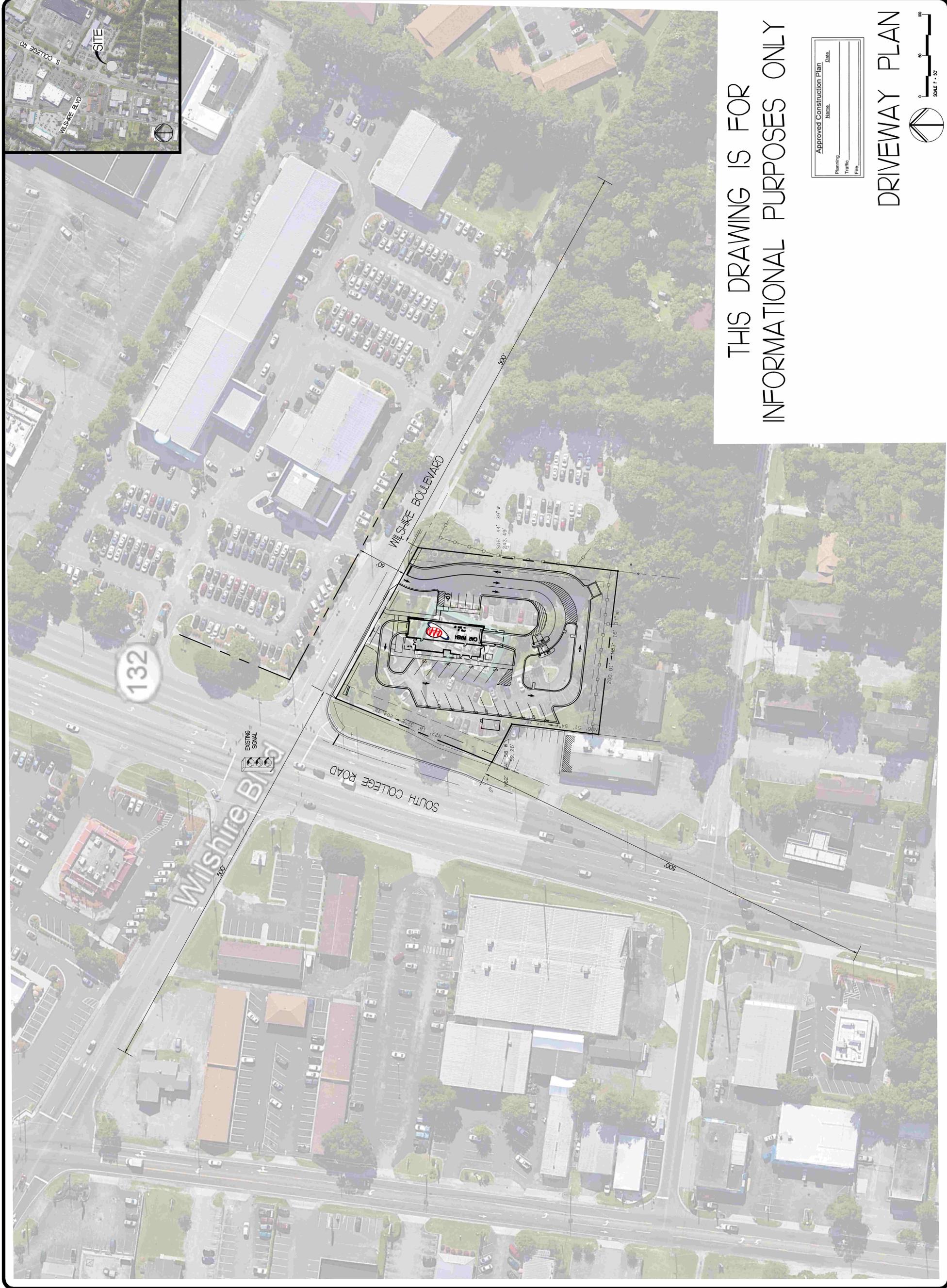
REVISIONS BY	

FREELAND and KAUFFMAN, INC.
 Engineers * Landscape Architects
 209 West Stone Avenue
 Greenville, South Carolina 29609
 864-233-5497

**PRELIMINARY
 NOT FOR
 CONSTRUCTION**

**AAA CAR WASH
 WILMINGTON, NC**
 MPV PROPERTIES
 2400 SOUTH BOULEVARD, #300
 CHARLOTTE, NC 28203
 (704)-248-2100

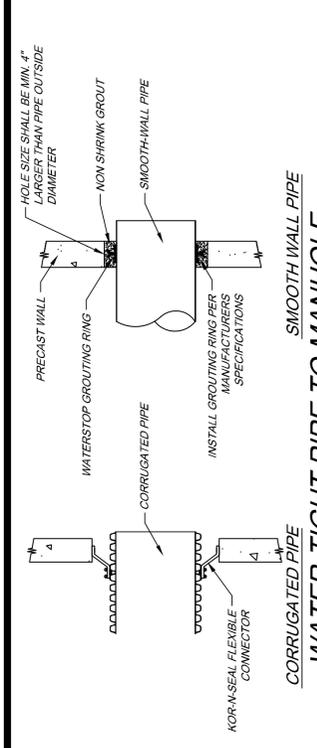
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CHECKED	BTS
DATE	6/17/2019
SCALE	AS NOTED
AS NOTED	
DRAWING	6



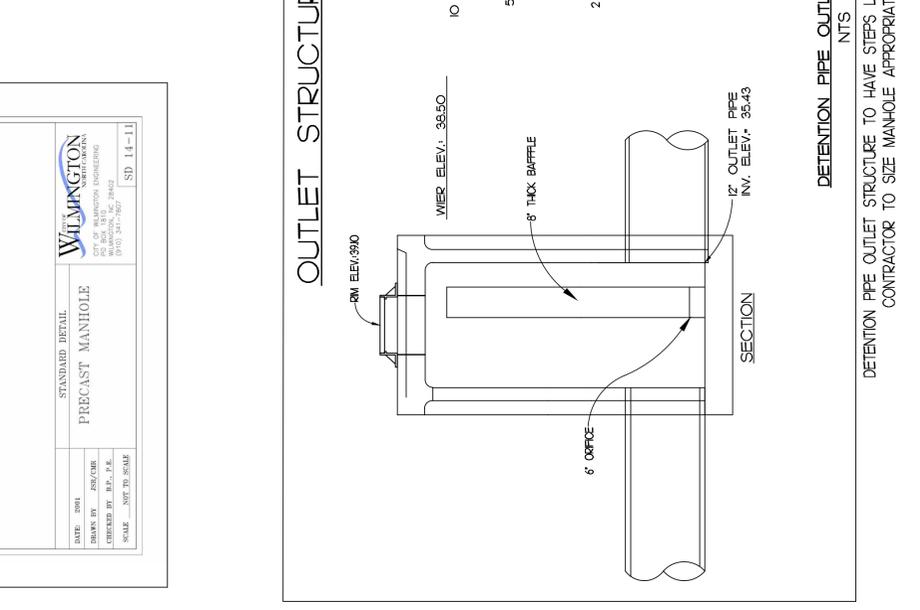
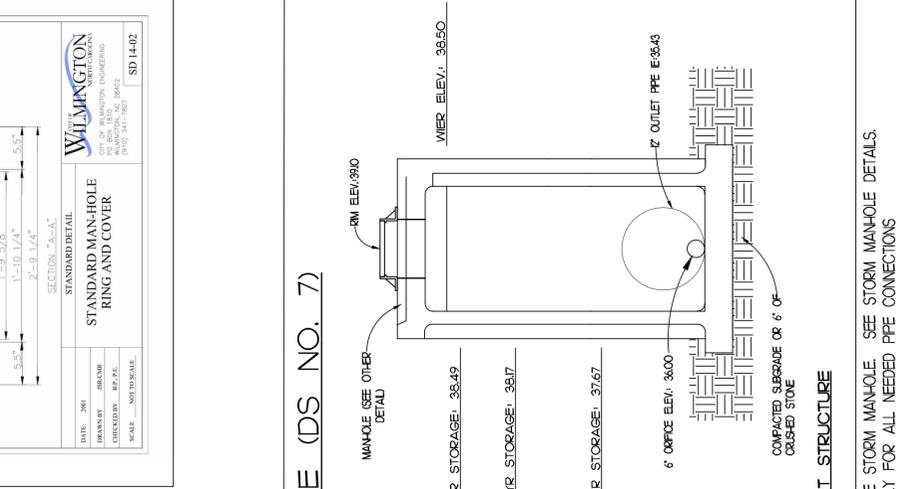
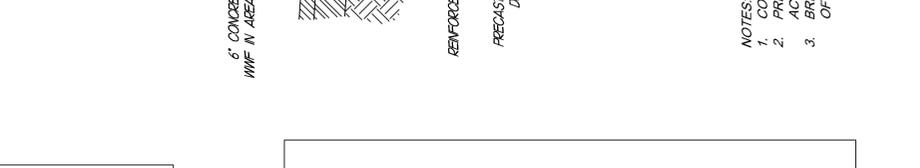
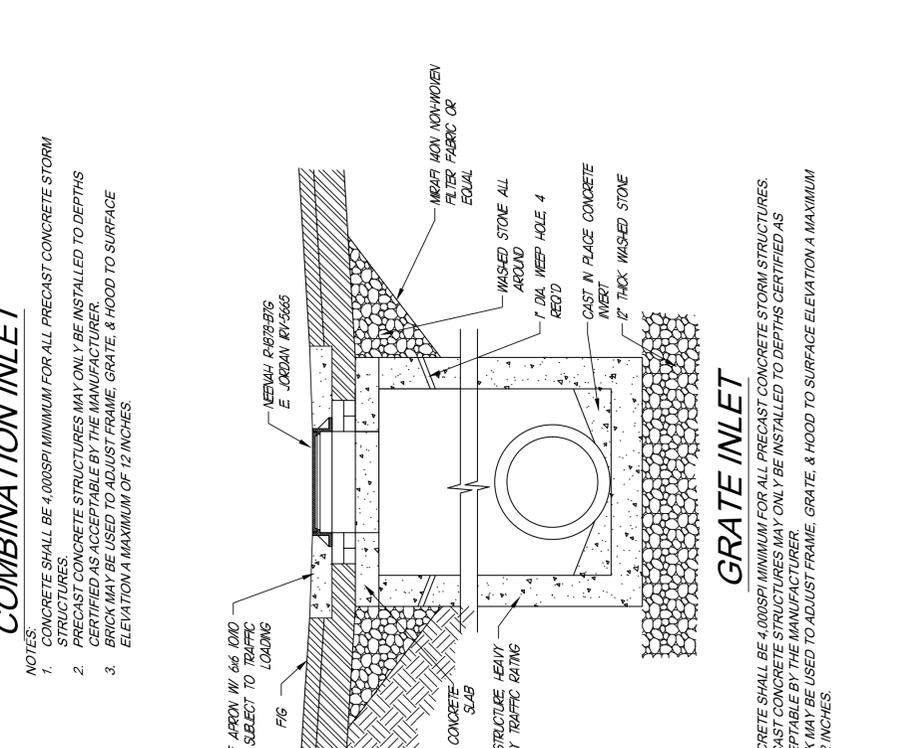
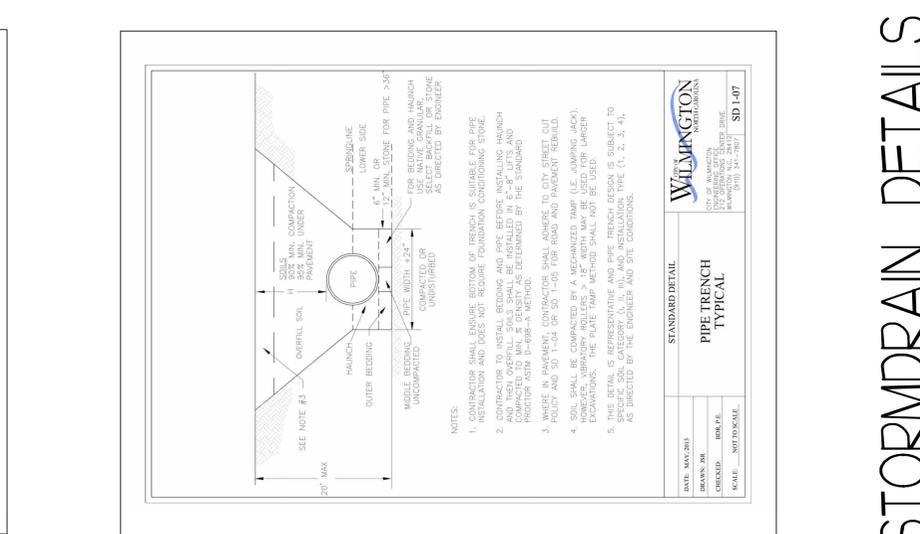
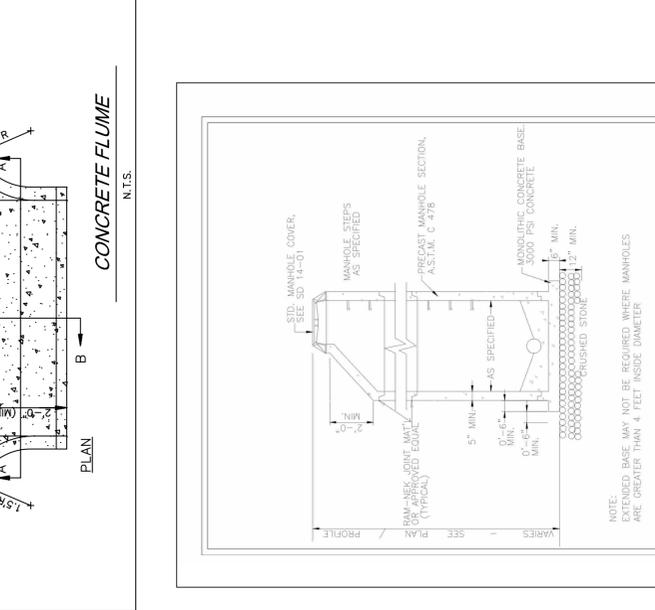
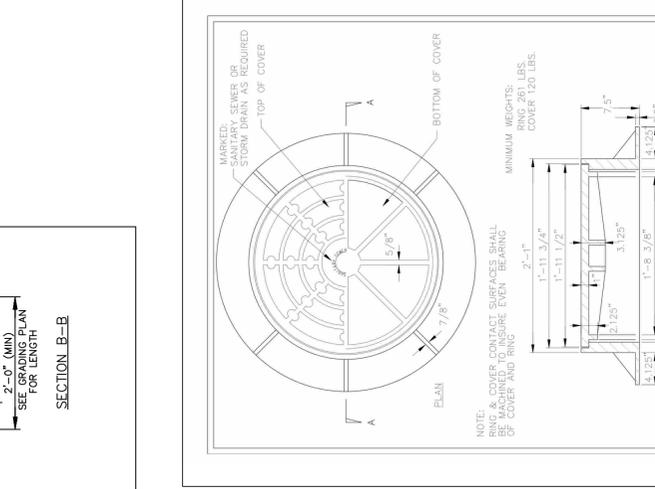
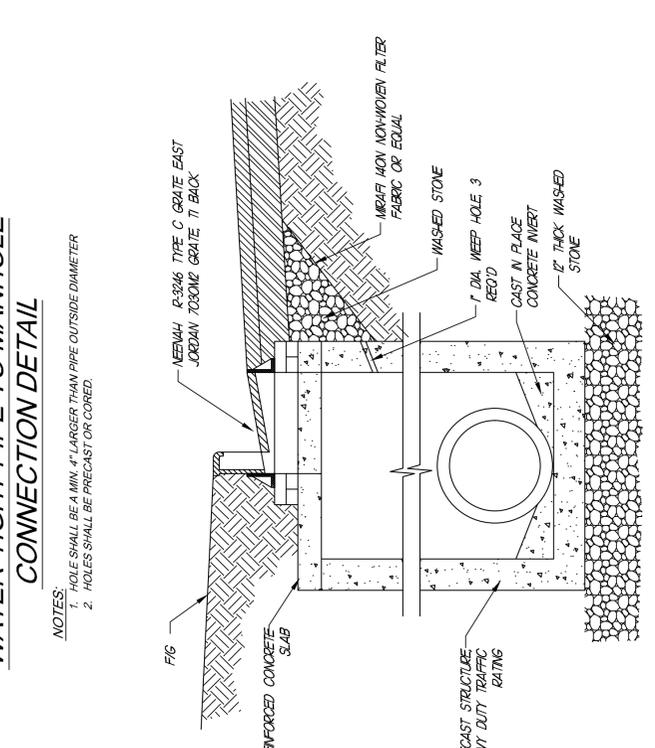
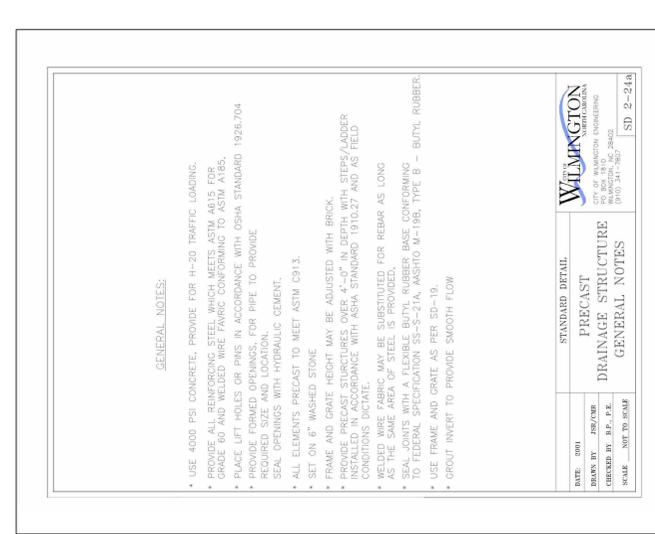
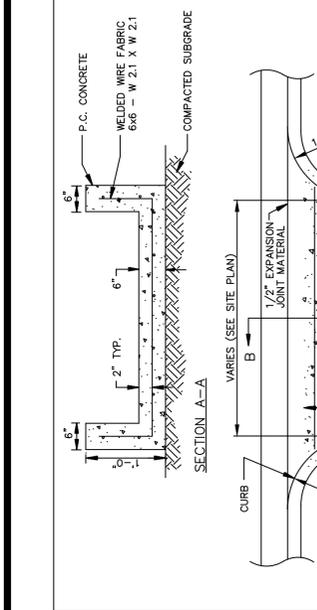
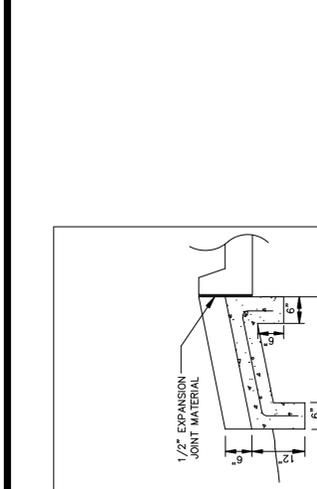
REVISIONS BY	

Approved Construction Plan	Name:	Date:
Planning		
Traffic		
Fire		

DATE: 09/11/2018	SD 2-218
DRAWN BY: R.S.P.	
CHECKED BY: R.S.P.	
SCALE: NOT TO SCALE	



NOTES:
 1. HOLE SHALL BE A MIN. 4" LARGER THAN PIPE OUTSIDE DIAMETER
 2. HOLES SHALL BE PRECAST OR CORED.



PRELIMINARY NOT FOR CONSTRUCTION

AAA CAR WASH
 WILMINGTON, NC
 MPV PROPERTIES, #300
 2400 SOUTH BOULEVARD, NC 28203
 CHARLOTTE, NC
 (704)-248-2100

ENGINEERS * LANDSCAPE ARCHITECTS
 209 West Stone Avenue
 Greenville, South Carolina 29609
 864-233-5497

DRAWN: AJM
 CHECKED: BTS
 DATE: 6/17/2019
 SCALE: AS NOTED
 DRAWING

STORMDRAIN DETAILS

DETENTION PIPE OUTLET STRUCTURE TO HAVE STEPS LIKE STORM MANHOLE. SEE STORM MANHOLE DETAILS. CONTRACTOR TO SIZE MANHOLE APPROPRIATELY FOR ALL NEEDED PIPE CONNECTIONS

SWPPP PLAN NOTES:

1. ALL SITE WORK SHALL BE DONE IN ACCORDANCE WITH THE PLANS PREPARED BY FREELAND & KAUFFMAN, INC. THE CURRENT REQUIREMENTS OF THE CITY OF WILMINGTON, THE APPLICABLE SECTIONS OF THE NC DOT STANDARD SPECIFICATIONS FOR ROADWAY CONSTRUCTION, AND ALL OTHER PERTINENT FEDERAL AND STATE LAWS.

2. THE CONTRACTOR SHALL COMPLY AT ALL TIMES WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, PROVISIONS, AND POLICES GOVERNING CONSTRUCTION ACTIVITIES AND EROSION CONTROL. THE CONTRACTOR SHALL ACT IN ACCORDANCE WITH THE FEDERAL REGISTER, CHAPTER VIII, PART 101 OF TITLE 29 REGULATIONS, OCCUPATIONAL SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION, AND SUBSEQUENT PUBLICATIONS UPDATING THESE REGULATIONS.

3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR EXAMINING THE AREAS AND CONDITIONS UNDER WHICH THE PROJECT IS TO BE CONSTRUCTED PRIOR TO THE SUBMISSION OF A BID. SUBMISSION OF A BID SHALL BE CONSIDERED TO MEAN THE CONTRACTOR HAS REVIEWED THE SITE AND IS FAMILIAR WITH CONDITIONS AND CONSTRAINTS OF THE SITE.

4. BEFORE EXCAVATION, ALL UNDERGROUND UTILITIES SHALL BE LOCATED IN THE FIELD BY THE PROPER AUTHORITIES. THE CONTRACTOR SHALL NOTIFY "CALL BEFORE YOU DIG" AT ALL THE LOCATION OF ALL UTILITIES AND UNDERGROUND STRUCTURES ARE APPROXIMATE AND MAY NOT ALL BE SHOWN. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXISTENCE AND EXACT LOCATION OF ALL UTILITIES AND UNDERGROUND STRUCTURES.

5. CONTRACTOR SHALL REFER TO OTHER PLANS WITHIN THIS CONSTRUCTION SET FOR OTHER PERTINENT INFORMATION.

6. EXCEPT AS NOTED BELOW, STABILIZATION SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN SEVEN DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY CEASED. WHERE THE INITIATION OF STABILIZATION MEASURES BY THE SEVENTH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASES IS PRECLUDED BY SNOW COVER, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE ON A PORTION OF THE SITE WITHIN 21 DAYS FROM WHEN ACTIVITY CEASED (E.G. THE TOTAL TIME PERIOD THAT CONSTRUCTION ACTIVITY IS TEMPORARILY HALTED IS LESS THAN 21 DAYS) THEN STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE BY THE SEVENTH DAY AFTER CONSTRUCTION ACTIVITIES HAVE TEMPORARILY CEASED. AREAS WHERE THE SEED HAS FAILED TO GERMINATE ADEQUATELY UNIFORM PERENNIAL VEGETATIVE COVER WITH A DENSITY OF 70% WITHIN 30 DAYS AFTER SEEDING AND MULCHING MUST BE RESEED IMMEDIATELY, OR AS SOON AS WEATHER CONDITIONS ALLOW. STABILIZATION MEASURES SHALL BE COMPLETED WITHIN 60 WORKING DAYS OF 90 CALENDAR DAYS (WHICHEVER IS SHORTER) FOLLOWING COMPLETION OF CONSTRUCTION. DIVERSIONS MUST BE STABILIZED PRIOR TO BECOMING FUNCTIONAL.

7. THE CONTRACTOR SHALL INSPECT, REPAIR AND ADD STONE TO THE STONE CONSTRUCTION ENTRANCE WHEN IT BECOMES SATURATED WITH MUD TO INSURE THAT IT WORKS AS INTENDED.

8. THE TOPSOIL STOCKPILE SHALL BE GRADED TO DRAIN, AND SEEDED WITH THE TEMPORARY SEED MIX.

9. SLT REMOVED FROM INLET PROTECTION AND FROM BEHIND THE SLT FENCES SHALL BE PLACED ON THE TOPSOIL STOCKPILE.

10. ALL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE CLEANED, INSPECTED AND REPAIRED AFTER EACH SIGNIFICANT RAINFALL (0.50" / 24 HR) AND AT LEAST ONCE EVERY SEVEN CALENDAR DAYS.

11. TEMPORARY SEDIMENT CONTROL MEASURES (SLT FENCE, CONSTRUCTION ENTRANCE, ETC.) SHALL BE MAINTAINED UNTIL ALL CONTRIBUTING AREAS ARE GRADED AND STABILIZED.

12. IF IT IS ANTICIPATED THAT DEWATERING WILL BE REQUIRED FOR UTILITY INSTALLATION AND POSSIBLY FOR FOOTING, CONTRACTOR IS RESPONSIBLE FOR INSTALLING A DEWATERING.

STABILIZATION TIMEFRAMES		EMERGENCY EXCEPTION
BUILDING DESCRIPTION	STABILIZATION	
Perimeter ditches, swales, ditches, ditches	7 days	None
High Quality Water (HQPW) Zones	7 days	None
Stippled slopes greater than 3:1	7 days	If slopes are 10:1 or less (in length and are not deeper than 2', 14 days are allowed).
Slopes 3:1 or flatter	14 days	7 days for slopes greater than 50' in length.
All other areas with slopes flatter than 3:1	14 days	None, except for performance and slope zones.

N/F
Stevenson, Susan Booth
P.L.N. R05519-003-000
DB: 6123, PG: 156
Land Use: Commercial

MAINTENANCE STATEMENT
EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.

FLOOD ZONE X
PER-NEMA MAP NO. 370285500J
EFFECTIVE DATE: APRIL 3, 2008

NOTE: CONTRACTOR IS REQUIRED TO CONTINUOUSLY MAINTAIN A CURRENT COPY OF THE SWPPP ON-SITE ONCE LAND DISTURBANCE COMMENCES

ACREAGE SUMMARY (IN ACRES)	
TOTAL PROJECT AREA	+/- 0.81
ON-SITE DISTURBED AREA	+/- 0.82
OFF-SITE DISTURBED AREA	+/- 0.17
TOTAL DISTURBED AREA	+/- 1.09
PERVIOUSLY SEEDBED AREA AT COMPLETION	+/- 0.48
AREA REMAINING UNDISTURBED	+/- 0

SEE SWPPP DETAILS FOR ADDITIONAL NOTES

SOILS PRESENT ON THE SITE ARE:
Ls - Loam Sand
M - Medium Fine Sand



EVERY DIGGING JOB REQUIRES A CALL TO 811 TO LOCATE ALL UTILITIES AND UNDERGROUND STRUCTURES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO BE RESPONSIBLE FOR FINDING AND REPAIRING ANY DAMAGE TO UTILITIES OR STRUCTURES THAT YOU ARE NOT AWARE OF. A 24 HOUR TOLL FREE NUMBER IS 1-800-4-A-DIG.

SWPPP LEGEND	
EXISTING	PROPOSED
CONTOUR LINE	STORM DRAIN LINE
SLT FENCE	SLT FENCE
LIMITS OF DISTURBANCE	LIMITS OF DISTURBANCE
INLET PROTECTION	INLET PROTECTION
CONSTRUCTION ENTRANCE	CONSTRUCTION ENTRANCE
SOIL TYPE LABEL	SOIL TYPE LABEL
BOUNDARY	BOUNDARY

CONSTRUCTION SEQUENCE

PHASE 1
NOTIFY NEW HANOVER COUNTY OF PERMITS CONSTRUCTION PER PERMIT REQUIREMENTS AND HAD REQUIRED PRE-CONSTRUCTION MEETINGS. ALL CONTRACTORS MUST ATTEND PRE-CONSTRUCTION MEETINGS. ALL PERMITS MUST BE OBTAINED PRIOR TO THE START OF CONSTRUCTION. PERMITS ONLY AS NEEDED FOR INSTALLATION OF THE CONSTRUCTION EXIT.
1. CLEAR AND GRUB AS NECESSARY TO INSTALL PERIMETER CONTROLS, SLT FENCE AND INLET PROTECTION.
2. ONCE PERIMETER CONTROLS, SLT FENCE INLET PROTECTION AND CONSTRUCTION EXIT HAVE BEEN INSTALLED, BEGIN DEMOLITION OF EXISTING IMPROVEMENTS. DISPOSE OFF-SITE IN PROPER MANNER.
3. UPON COMPLETION BEGAIN GRADING OF THE SITE.

PHASE 2
1. CONSTRUCT BUILDING PAD.
2. INSTALL TEMPORARY SEEDING AND MULCH STABILIZATION TO ALL AREAS WHERE WORK WILL BE CEASED FOR A PERIOD OF MORE THAN 14 DAYS.
3. BEGIN STORM DRAIN & CONSTRUCTION. INSTALL INLET PROTECTION MEASURES AS EACH CATCH BASIN IS INSTALLED.
4. CONTINUALLY INSPECT AND MAINTAIN ALL BMP'S. REPAIR BMP'S AS NEEDED.
5. BEGIN BUILDING CONSTRUCTION.
6. APPLY PERMANENT SEEDING TO ALL AREAS AS SOON AS THEY ARE COMPLETE DO NOT WAIT UNTIL JOB COMPLETION TO PERMANENTLY SEED DISTURBED AREAS.
7. INSTALL CURB, DRAIN AND GUTTER AND FIVE GRADE PARKING AREAS, STONE BASE SHALL BE INSTALLED IN ALL PAVED AREAS AS SOON AS PRACTICABLE.
8. CONSTRUCTION EXIT SHALL BE REMOVED ONLY ONCE THE BUILDING PAD AND PARKING LOT HAVE BEEN STABILIZED WITH STONE BASE PAVE SITE AND INSTALL APPROPRIATE INLET PROTECTION DEVICES FOR PAVED AREAS AS WORK PROGRESSES.

9. COMPLETE BUILDING CONSTRUCTION SIDEWALKS, PLANTINGS, ETC.
10. REMOVE TEMPORARY BMP'S AS SOON AS THEIR CONTRIBUTING DRAINAGE AREAS HAVE BEEN STABILIZED. SEED AND MULCH ANY DISTURBANCE FROM REMOVAL OF TEMPORARY BMP'S.
1. CONTACT NEW HANOVER COUNTY FOR FINAL INSPECTION.

CITY OF WILMINGTON PLAN NOTES

1. PRIOR TO ANY CLEARING, GRADING OR CONSTRUCTION ACTIVITY, TREE OR GROOVES PROTECTION FENCING SHALL BE INSTALLED AROUND PROTECTED TREES OR GROOVES OF TREES. NO CONSTRUCTION WORKERS, TOOLS, MATERIALS, OR VEHICLES ARE PERMITTED WITHIN THE TREE PROTECTION FENCING.

2. ANY TREES AND/OR AREAS DESIGNATED TO BE PROTECTED MUST BE PROPERLY BARBED WITH FENCING AND PROTECTED THROUGHOUT CONSTRUCTION TO INSURE THAT NO CLEARING, GRADING OR STAGING OF MATERIALS WILL OCCUR IN THOSE AREAS.

3. NO EQUIPMENT IS ALLOWED ON SITE UNTIL ALL TREE PROTECTION FENCING AND SLT FENCING IS INSTALLED AND APPROVED. PROTECTIVE FENCING IS TO BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT, AND CONTRACTORS SHALL RECEIVE ADEQUATE INSTRUCTION ON TREE PROTECTION METHODS.
4. CALL TRAFFIC ENGINEERING AT 98-347888 FORTY-EIGHT (48) HOURS PRIOR TO ANY EXCAVATION IN THE RIGHT-OF-WAY.
5. CONTACT THE NORTH CAROLINA ONE CALL CENTER AT 1-800-682-4949 PRIOR TO DOING ANY DIGGING, CLEARING, OR GRADING.

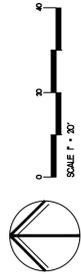
24 HOUR CONTACT: BRETT JARRETT, MFP PROPERTIES, 336-460-1175

SEDMENT TUBE TO BE EROSION FEL OR APPROVED EQUAL

AFTER INSTALLATION, PERMEABLE PAVEMENT SHALL BE PROTECTED FROM SEDIMENTATION. PERMEABLE PAVEMENT SHALL BE PROTECTED FROM SEDIMENTATION. PERMEABLE PAVEMENT SHALL BE PROTECTED FROM SEDIMENTATION. PERMEABLE PAVEMENT SHALL BE PROTECTED FROM SEDIMENTATION.

Approved Construction Plan	
Name:	Date:

SWPPP PHASE I



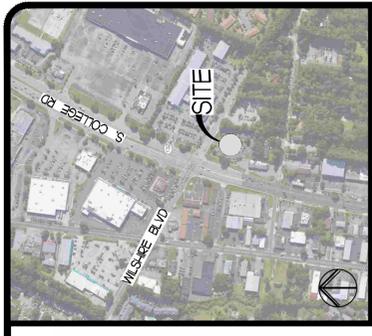
REVISIONS BY	

FREELAND and KAUFFMAN, INC.
Engineers & Landscape Architects
209 West Stone Avenue
Greenville, South Carolina 29609
864-233-5497

PRELIMINARY NOT FOR CONSTRUCTION

AAA CAR WASH
WILMINGTON, NC
MPV PROPERTIES, #300
2400 SOUTH BOULEVARD, NC 28203
CHARLOTTE, NC 28203
(704)-248-2100

DRAWN	AJM
CHECKED	BTS
DATE	6/17/2019
SCALE	AS NOTED
AS NOTED	
DRAWING	12



ACREAGE SUMMARY (IN ACRES)	
TOTAL PROJECT AREA	+/- 0.81
ON-SITE DISTURBED AREA	+/- 0.82
OFF-SITE DISTURBED AREA	+/- 0.17
TOTAL DISTURBED AREA	+/- 1.09
PERVIOUSLY SEEDBED AREA AT COMPLETION	+/- 0.48
AREA REMAINING UNDISTURBED	+/- 0

MAINTENANCE STATEMENT
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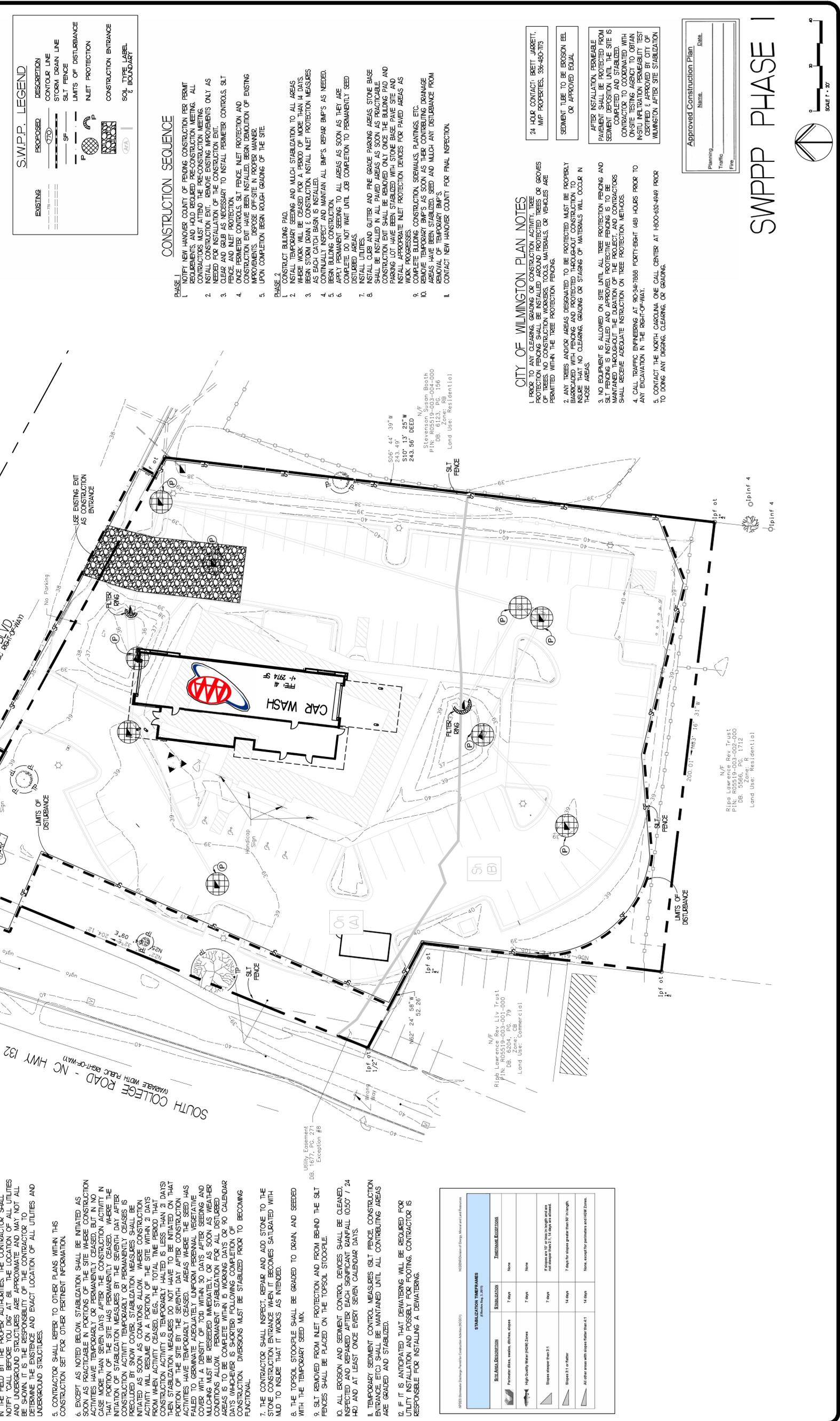
FLOOD ZONE X
PER-NEMA MAP NO. 370285500J
EFFECTIVE DATE: APRIL 3, 2008

NOTE: CONTRACTOR IS REQUIRED TO CONTINUOUSLY MAINTAIN A CURRENT COPY OF THE SWPPP ON-SITE ONCE LAND DISTURBANCE COMMENCES

ACREAGE SUMMARY (IN ACRES)	
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AREA REMAINING UNDISTURBED	+/- 0

SEE SWPPP DETAILS FOR ADDITIONAL NOTES

SOILS PRESENT ON THE SITE ARE:
Ls - Loam Sand
M - Medium Fine Sand



REVISIONS	BY

FREELAND and KAUFFMAN, INC.
 Engineers * Landscape Architects
 209 West Stone Avenue
 Greenville, South Carolina 29609
 864-233-5497

**PRELIMINARY
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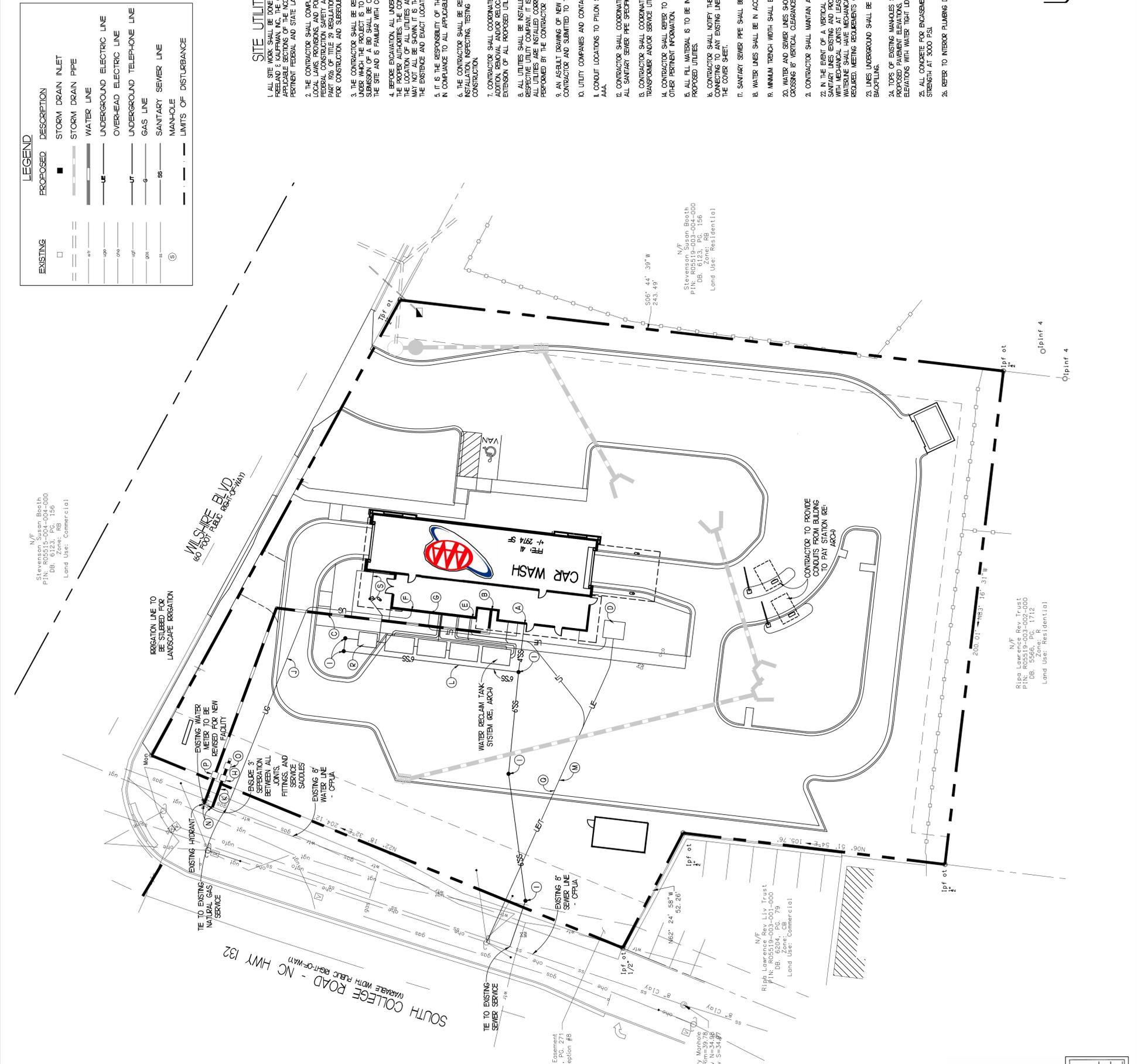
DRAWN	ALJM
CHECKED	BTS
DATE	6/17/2019
SCALE	AS NOTED
AS NOTED	
DRAWING	19



SITE UTILITY NOTES

1. ALL SITE UTILITIES SHALL BE IN ACCORDANCE WITH THE PLANS PREPARED BY FREELAND & KAUFFMAN, INC. THE CURRENT REGULATIONS OF THE CITY OF WILMINGTON, THE APPLICABLE SECTIONS OF THE MOST RECENT ROADWAY DESIGN MANUAL, AND ALL OTHER PERTINENT FEDERAL AND STATE LAWS.
2. THE CONTRACTOR SHALL COMPLY AT ALL TIMES WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS AND POLICES GOVERNING SAFETY AND HEALTH INCLUDING THE FEDERAL CONSTRUCTION SAFETY ACT PUBLIC LAW 94-311 FEDERAL REGISTER, CHAPTER VIIA PART 192 OF TITLE 29 REGULATIONS, OCCUPATIONAL SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION, AND SUBSEQUENT PUBLICATIONS UPDATING THESE REGULATIONS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR EXAMINING THE AREAS AND CONDITIONS UNDER WHICH THE PROJECT IS TO BE CONSTRUCTED PRIOR TO THE SUBMISSION OF A BID. SUBMISSION OF A BID SHALL BE CONSIDERED TO MEAN THE CONTRACTOR HAS REVIEWED THE SITE AND IS FAMILIAR WITH CONDITIONS AND CONSTRAINTS OF THE SITE.
4. BEFORE EXCAVATION, ALL UNDERGROUND UTILITIES SHALL BE LOCATED IN THE FIELD BY THE PROPER AUTHORITIES. THE CONTRACTOR SHALL NOTIFY CALL BEFORE YOU DIG AT THE LOCATION OF ALL UTILITIES AND UNDERGROUND STRUCTURES ARE APPROXIMATE AND MAY NOT ALL BE SHOWN. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXISTENCE AND EXACT LOCATION OF ALL UTILITIES AND UNDERGROUND STRUCTURES.
5. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO BID AND PERFORM ALL UTILITY WORK IN CONFORMANCE TO ALL APPLICABLE LOCAL AND STATE CODES AND REGULATIONS.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FEES ASSOCIATED WITH THE INSTALLATION, INSPECTING, TESTING AND FINAL ACCEPTANCE OF ALL PROPOSED UTILITIES CONSTRUCTION.
7. CONTRACTOR SHALL COORDINATE WITH THE APPROPRIATE UTILITY COMPANY ON THE ADDITION, REMOVAL AND/OR RELOCATION OF UTILITIES AND UTILITY POLES AND THE EXTENSION OF ALL PROPOSED UTILITIES TO ADA STAGE.
8. ALL UTILITIES SHALL BE INSTALLED IN ACCORDANCE WITH THE SPECIFICATIONS OF THE RESPECTIVE UTILITY COMPANY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE ALL UTILITIES ARE INSTALLED CORRECTLY TO MEET PROJECT REQUIREMENTS WHETHER PERFORMED BY THE CONTRACTOR OR NOT.
9. AN AS-BUILT DRAWING OF NEW UTILITY SERVICES SHALL BE PREPARED BY THE CONTRACTOR AND SUBMITTED TO THE OWNER UPON COMPLETION OF THE PROJECT.
10. UTILITY COMPANIES AND CONTRACTS ARE LISTED ON COVER SHEET.
11. CONDUIT LOCATIONS TO Pylon SENS AND SITE LIGHT POLES TO BE COORDINATED WITH AAA.
12. CONTRACTOR SHALL COORDINATE WITH AAA ON TYPE AND SIZE OF THE GREASE TRAP. ALL SANITARY SEWER PIPE SPECIFICATION PROVIDED ELSEWHERE.
13. CONTRACTOR SHALL COORDINATE WITH AAA ON CONDUIT ROUTE TO STORE FROM THE TRANSFORMER AND/OR SERVICE UTILITY POLE FOR TELEPHONE AND ELECTRICAL SERVICES.
14. CONTRACTOR SHALL REFER TO OTHER PLANS WITHIN THIS CONSTRUCTION SET FOR OTHER PERTINENT INFORMATION.
15. ALL FILL MATERIAL IS TO BE IN PLACE AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.
16. CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES NEAREST TO LOCUS BEFORE CONNECTING TO ANY EXISTING LINE. UTILITY COMPANIES AND CONTRACTS ARE LISTED ON THE COVER SHEET.
17. SANITARY SEWER PIPE SHALL BE IN ACCORDANCE WITH OFPLA SPECS 0274.
18. WATER LINES SHALL BE IN ACCORDANCE WITH OFPLA SPECS 0866.
19. MINIMUM TRENCH WIDTH SHALL BE 2 FEET.
20. WATER AND SEWER LINES SHOULD BE LEFT TEN (10) FEET AWAY FROM EDGES OF WHEN CROSSING 6" VERTICAL CLEARANCE OUTSIDE EDGE OF PIPE TO OUTSIDE EDGE OF PIPE.
21. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 3'-0" COVER ON ALL WATERLINES.
22. IN THE EVENT OF A VERTICAL CROSSING LESS THAN 18" BETWEEN WATERLINES AND MECHANICAL JOINTS AT LEAST 10 FEET ON BOTH SIDES OF CROSSING. THE NON PIPE WATERLINE SHALL HAVE MECHANICAL JOINTS WITH APPROPRIATE THALST BLOOMING AS REQUIRED. MEETING REQUIREMENTS OF ANSI A20.1 OR ANSI Z39.1 (AWWA C900) CLASS SOIL BACKFILLING.
23. LINES UNDERGROUND SHALL BE INSTALLED, INSPECTED AND APPROVED BEFORE BACKFILLING.
24. TOPS OF EXISTING MANHOLES SHALL BE ADJUSTED AS NECESSARY TO BE FLUSH WITH PROPOSED PAVEMENT ELEVATIONS AND TO BE ONE FOOT ABOVE FINISHED GROUND ELEVATIONS WITH WATER TIGHT LIDS.
25. ALL CONCRETE FOR ENCASMENTS SHALL HAVE A MINIMUM 28 DAY COMPRESSION STRENGTH AT 3000 PSI.
26. REFER TO INTERIOR PLUMBING DRAWINGS FOR TEN OF ALL UTILITIES.

EXISTING	PROPOSED	DESCRIPTION
□	■	STORM DRAIN INLET
==	==	STORM DRAIN PIPE
—	—	WATER LINE
—	—	UNDERGROUND ELECTRIC LINE
—	—	OVERHEAD ELECTRIC LINE
—	—	UNDERGROUND TELEPHONE LINE
—	—	GAS LINE
—	—	SANITARY SEWER LINE
—	—	MAN-HOLE
—	—	LIMITS OF DISTURBANCE



4. SANITARY SEWER ENT. (E - 51) RE. ARCH. FOR EXACT LOCATION
7. DOMESTIC WATERLINE ENT. RE. ARCH. FOR EXACT LOCATION
- 90' BFO
- PAD MOUNTED TRANSFORMER, PENNING DUKE ENERGY UTILITY COMPANY REVIEW
- CT CABINET FOR ELECTRIC ENT. RE. ARCH. FOR EXACT LOCATION
- GAS ENT. RE. ARCH. FOR EXACT LOCATION
- TELEPHONE ENT. RE. ARCH. FOR EXACT LOCATION
7. DOMESTIC WATER METER
- SANITARY SEWER CLEANOUT. SEE DETAILS
- NATURAL GAS LINE EXTENSION FEEDING COORDINATION WITH PENNING DUKE ENERGY UTILITY COMPANY. CONTRACTOR RESPONSIBLE FOR ACQUIRING ALL PERMITS FOR WORK WITHIN ROW.
7. WATERLINE
- SANITARY SEWER LINE FOR CARE FEAR PUBLIC UTILITY AUTHORITY SPECIFICATIONS
- UNDERGROUND ELECTRIC EXTENSIONS. CONTRACTOR TO COORDINATE WITH UTILITY COMPANIES
- 8"x2" TAPPING SLEEVE AND VALVE
7. RPZ BACKFLOW. SEE DETAILS
7. RPZ BACKFLOW WATER METER
- UNDERGROUND TELEPHONE EXTENSIONS. CONTRACTOR TO COORDINATE WITH UTILITY COMPANIES
- OL WATER SEPARATOR (OS-1000). SEE DETAIL
- 4" PIPE FROM TRENCH DRAIN AT EXIT END OF TUNNEL TO OL
- WATER SEPARATOR (RE. ARCH)

CITY OF WILMINGTON PLAN NOTES

1. WATER AND SEWER SERVICE SHALL MEET CARE FEAR PUBLIC UTILITY AUTHORITY (OFPLA) DETAILS AND SPECIFICATIONS.
2. PROJECT SHALL COMPLY WITH OFPLA CROSS CONNECTION CONTROL REQUIREMENTS (WATER METERS) CANNOT BE RELEASED UNTIL ALL REQUIREMENTS ARE MET AND THE STATE HAS GIVEN THEIR FINAL APPROVAL. CALL 910-333-5555 FOR INFORMATION.
3. IF THE CONTRACTOR DESIRES OFPLA WATER FOR CONSTRUCTION, HE SHALL APPLY IN ADVANCE FOR THIS SERVICE AND MUST PROVIDE A REDUCED PRESSURE ZONE (RPZ) BACKFLOW PREVENTION DEVICE ON THE DEVELOPER'S SIDE OF THE WATER METER BOX.
4. ANY IRRIGATION SYSTEM SUPPLIED BY OFPLA WATER SHALL COMPLY WITH THE OFPLA CROSS CONNECTION CONTROL REGULATIONS. CALL 910-333-5555 FOR INFORMATION.
5. ANY IRRIGATION SYSTEM SHALL BE EQUIPPED WITH A RAIN AND FREEZER SENSOR. DB: 1677, PG. 271
6. ANY BACKFLOW PREVENTION DEVICES REQUIRED BY THE OFPLA WILL NEED TO BE ON THE LIST OF APPROVED DEVICES BY USOPCOOR OR ASSE.
7. CONTRACTORS TO FIELD VERIFY EXISTING WATER AND SEWER SERVICE LOCATIONS PRIOR TO CONSTRUCTION. MATERIALS PRIOR TO CONSTRUCTION. ENGINEER TO BE NOTIFIED OF ANY CONFLICTS.
8. UNDERGROUND PNE LINES MUST BE PERMITTED AND INSPECTED BY THE WILMINGTON FIRE DEPARTMENT FROM THE PUBLIC RIGHT-OF-WAY TO THE WILMINGTON FIRE DEPARTMENT DIVISION THE DEPARTMENT DIVISION OF FIRE AND LIFE SAFETY AT 910-244-0266.

FEES TO BE PAID PRIOR TO PRECON OR AT TIME OF BUILDING PERMIT APPLICATION

CONTRACTOR SHALL COORDINATE WITH ARCHITECTURAL AND EQUIPMENT DRAWINGS FOR NUMBER AND LOCATIONS ON CONDUITS

CONTRACTOR TO PROVIDE REQUIRED CONDUITS FOR SITE LIGHTING

□	Water	RPZ (crossed out)
□	Water	RPZ (crossed out)
□	Sewer	RPZ (crossed out)
□	Sewer	RPZ (crossed out)



EVERY DIGGING JOB REQUIRES A CALL - 811 - TO BE MADE PRIOR TO THE STARTING POINTS OF ANY EXCAVATION. CALLING 811 WILL ADVISE YOU OF ANY UTILITIES THAT MAY BE IN THE AREA AND WILL PROVIDE YOU WITH THE NECESSARY INFORMATION TO SAFELY AND ACCURATELY LOCATE UTILITIES FOR YOUR PROJECT AND PREPARE YOUR PERMIT.

SMART DIGGING MEANS CALLING 811 BEFORE YOU DIG. CALLING 811 WILL ADVISE YOU OF ANY UTILITIES THAT MAY BE IN THE AREA AND WILL PROVIDE YOU WITH THE NECESSARY INFORMATION TO SAFELY AND ACCURATELY LOCATE UTILITIES FOR YOUR PROJECT AND PREPARE YOUR PERMIT.

Approved Construction Plan

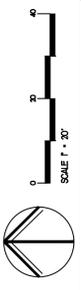
 INITIAL

 DATE

 TITLE

 FILE

UTILITY PLAN



SCALE 1" = 20'

