

For each open utility cut of city streets, a \$325 permit shall be required from the City prior to occupancy and/or project acceptance. Contact 910-341-5888

WILMINGTON
NORTH CAROLINA
Public Services • Engineering Division
APPROVED STORMWATER MANAGEMENT PLAN
Date: _____ Permit # _____
Signed: _____

Approved Construction Plan

Name	Date
Planning	
Traffic	
Fire	

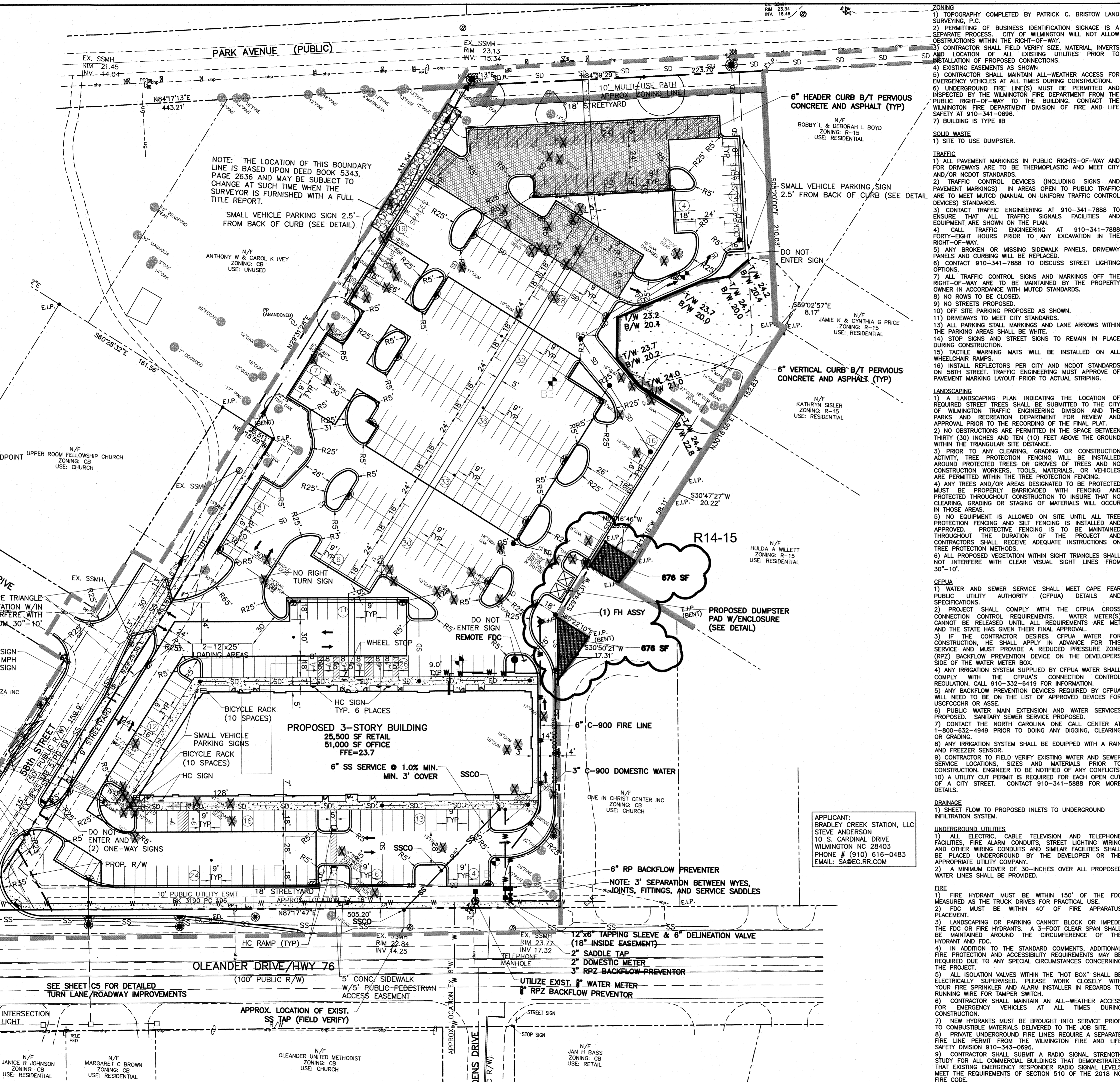
LEGEND

- PROPERTY BOUNDARY
- PROPOSED SEWER
- PROPOSED WATER
- PROPOSED STORM DRAIN
- LIMITS OF DISTURBANCE
- PERVIOUS PAVEMENT
- PARKING IN EXCESS OF THE MIDPOINT

MARGUERITE DRIVE (SD, PUBLIC R/W)
CITY 20'x70' SIGHT DISTANCE TRIANGLE
NOTE: ALL PROP. VEGETATION W/IN TRIANGLE SHALL NOT INTERFERE WITH CLEAR VISUAL SIGHT LINES FROM 30'-10'

58th STREET (SD, PUBLIC R/W)
CITY 20'x70' SIGHT DISTANCE TRIANGLE
NOTE: ALL PROP. VEGETATION W/IN TRIANGLE SHALL NOT INTERFERE WITH CLEAR VISUAL SIGHT LINES FROM 30'-10'

OLEANDER DRIVE/HWY 76
SEE SHEET C5 FOR DETAILED TURN LANE/ROADWAY IMPROVEMENTS



- ZONING**
- TOPOGRAPHY COMPLETED BY PATRICK C. BRISTOW LAND SURVEYING, P.C.
 - PERMITTING OF BUSINESS IDENTIFICATION SIGNAGE IS A SEPARATE PROCESS. CITY OF WILMINGTON WILL NOT ALLOW OBSTRUCTIONS WITHIN THE RIGHT-OF-WAY.
 - CONTRACTOR SHALL FIELD VERIFY SIZE, MATERIAL, INVERTS AND LOCATION OF ALL EXISTING UTILITIES PRIOR TO INSTALLATION OF PROPOSED CONDUITS.
 - EXISTING EASEMENTS AS SHOWN
 - CONTRACTOR SHALL MAINTAIN ALL-WEATHER ACCESS FOR EMERGENCY VEHICLES AT ALL TIMES DURING CONSTRUCTION.
 - UNDERGROUND FIRE LINES MUST BE PERMITTED AND INSPECTED BY THE WILMINGTON FIRE DEPARTMENT FROM THE PUBLIC RIGHT-OF-WAY TO THE BUILDING. CONTACT THE WILMINGTON FIRE DEPARTMENT DIVISION OF FIRE AND LIFE SAFETY AT 910-341-0696.
 - BUILDING IS TYPE IIB

- SOLID WASTE**
- SITE TO USE DUMPSTER.
- TRAFFIC**
- ALL PAVEMENT MARKINGS IN PUBLIC RIGHTS-OF-WAY AND FOR DRIVEWAYS ARE TO BE THERMOPLASTIC AND MEET CITY AND/OR NCDOT STANDARDS.
 - TRAFFIC CONTROL DEVICES (INCLUDING SIGNS AND PAVEMENT MARKINGS) IN AREAS OPEN TO PUBLIC TRAFFIC ARE TO MEET MUTCD (MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES) STANDARDS.
 - CONTACT TRAFFIC ENGINEERING AT 910-341-7888 TO ENSURE THAT ALL TRAFFIC SIGNALS FACILITIES AND EQUIPMENT ARE SHOWN ON THE PLAN.
 - CALL TRAFFIC ENGINEERING AT 910-341-7888 FORTY-EIGHT HOURS PRIOR TO ANY EXCAVATION IN THE RIGHT-OF-WAY
 - ANY BROKEN OR MISSING SIDEWALK PANELS, DRIVEWAY PANELS AND CURBING WILL BE REPLACED.
 - CONTACT 910-341-7888 TO DISCUSS STREET LIGHTING OPTIONS
 - ALL TRAFFIC CONTROL SIGNS AND MARKINGS OFF THE RIGHT-OF-WAY ARE TO BE MAINTAINED BY THE PROPERTY OWNER IN ACCORDANCE WITH MUTCD STANDARDS.
 - NO ROWS TO BE CLOSED.
 - NO STREETS PROPOSED.
 - OFF SITE PARKING PROPOSED AS SHOWN.
 - DRIVEWAYS TO MEET CITY STANDARDS.
 - ALL PARKING STALL MARKINGS AND LANE ARROWS WITHIN THE PARKING AREAS SHALL BE WHITE.
 - STOP SIGNS AND STREET SIGNS TO REMAIN IN PLACE DURING CONSTRUCTION.
 - TACTILE WARNING MATS WILL BE INSTALLED ON ALL WHEELCHAIR RAMPS.
 - INSTALL REFLECTORS PER CITY AND NCDOT STANDARDS ON 58TH STREET. TRAFFIC ENGINEERING MUST APPROVE OF PAVEMENT MARKING LAYOUT PRIOR TO ACTUAL STRIPING.

- LANDSCAPING**
- A LANDSCAPING PLAN INDICATING THE LOCATION OF REQUIRED STREET TREES SHALL BE SUBMITTED TO THE CITY OF WILMINGTON TRAFFIC ENGINEERING DIVISION AND THE PARKS AND RECREATION DEPARTMENT FOR REVIEW AND APPROVAL PRIOR TO THE RECORDING OF THE FINAL PLAN.
 - NO OBSTRUCTIONS ARE PERMITTED IN THE SPACE BETWEEN THIRTY (30) INCHES AND TEN (10) FEET ABOVE THE GROUND WITHIN THE TRIANGULAR SITE DISTANCE.
 - PRIOR TO ANY CLEARING, GRADING OR CONSTRUCTION ACTIVITY, TREE PROTECTION FENCING WILL BE INSTALLED AROUND PROTECTED TREES OR GROVES OF TREES AND NO CONSTRUCTION WORKERS, TOOLS, MATERIALS OR VEHICLES ARE PERMITTED WITHIN THE TREE PROTECTION FENCING.
 - ANY TREES AND/OR AREAS DESIGNATED TO BE PROTECTED MUST BE PROPERLY BARRICADED WITH FENCING AND PROTECTED THROUGHOUT CONSTRUCTION TO INSURE THAT NO CLEARING, GRADING OR STAGING OF MATERIALS WILL OCCUR IN THOSE AREAS.
 - NO EQUIPMENT IS ALLOWED ON SITE UNTIL ALL TREE PROTECTION FENCING AND SILT FENCING IS INSTALLED AND APPROVED. PROTECTIVE FENCING IS TO BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT AND CONTRACTORS SHALL RECEIVE ADEQUATE INSTRUCTIONS ON TREE PROTECTION METHODS.
 - ALL PROPOSED VEGETATION WITHIN SIGHT TRIANGLES SHALL NOT INTERFERE WITH CLEAR VISUAL SIGHT LINES FROM 30'-10'

- CELEA**
- WATER AND SEWER SERVICE SHALL MEET CAPE FEAR PUBLIC UTILITY AUTHORITY (CFPUA) DETAILS AND SPECIFICATIONS.
 - PROJECT SHALL COMPLY WITH THE CFPUA CROSS CONNECTION CONTROL REQUIREMENTS TO WATER METERS CANNOT BE RELEASED UNTIL ALL REQUIREMENTS ARE MET AND THE STATE HAS GIVEN THEIR FINAL APPROVAL.
 - IF THE CONTRACTOR DESIRES CFPUA WATER FOR CONSTRUCTION THEY SHALL APPLY IN ADVANCE FOR THIS SERVICE AND MUST PROVIDE A REDUCED PRESSURE ZONE (RPZ) BACKFLOW PREVENTION DEVICE ON THE DEVELOPERS SIDE OF THE WATER METER BOX.
 - ANY IRRIGATION SYSTEM SUPPLIED BY CFPUA WATER SHALL COMPLY WITH THE CFPUA'S CONNECTION CONTROL REGULATION. CALL 910-332-6419 FOR INFORMATION.
 - ANY BACKFLOW PREVENTION DEVICES REQUIRED BY CFPUA WILL NEED TO BE ON THE LIST OF APPROVED DEVICES FOR USFCO/CHR OR ASSE.
 - PUBLIC WATER MAIN EXTENSION AND WATER SERVICES PROPOSED. SANITARY SEWER SERVICE PROPOSED.
 - CONTACT THE NORTH CAROLINA ONE CALL CENTER AT 1-800-632-4949 PRIOR TO DOING ANY DIGGING, CLEARING OR GRADING.
 - ANY IRRIGATION SYSTEM SHALL BE EQUIPPED WITH A RAIN AND FREEZER SENSOR.
 - CONTRACTOR TO FIELD VERIFY EXISTING WATER AND SEWER SERVICE LOCATIONS, SIZES AND MATERIALS PRIOR TO CONSTRUCTION. ENGINEERS TO BE NOTIFIED OF ANY CONFLICTS
 - A UTILITY CUT PERMIT IS REQUIRED FOR EACH OPEN CUT OF A CITY STREET. CONTACT 910-341-5888 FOR MORE DETAILS.

- DRAINAGE**
- SHEET FLOW TO PROPOSED INLETS TO UNDERGROUND INFILTRATION SYSTEM.
- UNDERGROUND UTILITIES**
- ALL ELECTRIC, CABLE TELEVISION AND TELEPHONE FACILITIES, FIRE ALARM CONDUITS, STREET LIGHTING WIRING AND OTHER WIRING CONDUITS AND SIMILAR FACILITIES SHALL BE PLACED UNDERGROUND BY THE DEVELOPER OR THE APPROPRIATE UTILITY COMPANY.
 - A MINIMUM COVER OF 30-INCHES OVER ALL PROPOSED WATER LINES SHALL BE PROVIDED.

- FIRE**
- FIRE HYDRANT MUST BE WITHIN 150' OF THE FDC MEASURED AS THE TRUCK DRIVES FOR PRACTICAL USE.
 - FDC MUST BE WITHIN 40' OF FIRE APPARATUS PLACEMENT
 - LANDSCAPING OR PARKING CANNOT BLOCK OR IMPEDE THE FDC OR FIRE HYDRANTS. A 3-FOOT CLEAR SPAN SHALL BE MAINTAINED AROUND THE CIRCUMFERENCE OF THE HYDRANT AND FDC.
 - IN ADDITION TO THE STANDARD COMMENTS, ADDITIONAL FIRE PROTECTION AND ACCESSIBILITY REQUIREMENTS MAY BE REQUIRED DUE TO ANY SPECIAL CIRCUMSTANCES CONCERNING THE PROJECT.
 - ALL ISOLATION VALVES WITHIN THE "HOT BOX" SHALL BE ELECTRICALLY SUPERVISED. PLEASE WORK CLOSELY WITH YOUR FIRE SPRINKLER AND ALARM INSTALLER IN REGARDS TO RUNNING WIRE FOR TAMPER SWITCH.
 - CONTRACTOR SHALL MAINTAIN ALL-WEATHER ACCESS FOR EMERGENCY VEHICLES AT ALL TIMES DURING CONSTRUCTION.
 - NEW HYDRANTS MUST BE BROUGHT INTO SERVICE PRIOR TO COMBUSTIBLE MATERIALS DELIVERED TO THE JOB SITE.
 - PRIVATE UNDERGROUND FIRE LINES REQUIRE A SEPARATE FIRE LINE PERMIT FROM THE WILMINGTON FIRE AND LIFE SAFETY DIVISION 910-343-0696.
 - CONTRACTOR SHALL SUBMIT A RADIO SIGNAL STRENGTH STUDY FOR ALL COMMERCIAL BUILDINGS THAT DEMONSTRATES THAT EXISTING EMERGENCY RESPONDER RADIO SIGNAL LEVELS MEET THE REQUIREMENTS OF SECTION 510 OF THE 2018 NC FIRE CODE.

REVISIONS

No./Date	Description	By
01-31-18	REMOVED TREES	ELW
02-21-18	ADD COMMENTS	ELW
03-08-18	ADD COMMENTS	ELW
05-02-18	ADDED TREES	ELW
05-02-18	UPDATED TREES	ELW
05-03-18	ADD BACKFLOW	ELW
05-07-18	IMPROVEMENT	ELW
07-18-18	UPDATE SS	ELW
08-14-18	UPDATE PROPERTY LINES, DUMPSTER SHFT.	ELW
08-14-18	SHIFT DI No.1.	ELW
08-14-18	ADD FIRE NOTE	ELW

LOCATION MAP
NOT TO SCALE

SITE DATA:

PROJECT ADDRESS: 5815 OLEANDER DRIVE
PROPERTY OWNER: BRADLEY CREEK STATION, LLC
PIN NUMBER: R06207-004-024-000, R06207-004-001-000, R06207-004-002-000, R06207-004-003-000, R06207-004-004-000, R06207-004-005-000, R06207-004-006-000, R06207-004-007-000, R06207-004-010-000, R06207-004-011-000, R06207-004-007-001, R06207-004-009-000, R06207-004-012-000

AREA NOT IN A FEMA 100-YEAR FLOOD ZONE

ZONING DISTRICT: CB
CAMA LAND USE: WATERSHED RESOURCE PROTECTION

SETBACKS REQUIRED: FRONT: 20', REAR: 20', SIDE: 0' 20', CORNER SIDE: 20', FRONT: 94.5', REAR: 507.5', SIDE: 21.7', CORNER SIDE: 66.5'

TRACT AREA: 256,710 SF (5.89 AC)
DISTURBED AREA: 6.5 AC
BUILDING USE: RETAIL AND OFFICE

EXISTING BUILDING AREA: 24,715 SF
PROPOSED BUILDING AREA (GROSS): 76,500 SF
BUILDING LOT COVERAGE (26,235/256,710): 10.22%
NUMBER OF BUILDINGS: 1
NUMBER OF UNITS: 44
BUILDING HEIGHT: 3
NUMBER OF STORIES: 3
SF PER FLOOR (GROSS): 1ST FLOOR: 25,500 SF, 2ND FLOOR: 25,500 SF, 3RD FLOOR: 25,500 SF

EXISTING IMPERVIOUS AREAS:

EXISTING BUILDING	24,715 SF
EXISTING PAVEMENT	5,600 SF
EXISTING SIDEWALK	0 SF
EXISTING IMPERVIOUS AREA	30,315 SF (11.8%)

PROPOSED ONSITE IMPERVIOUS AREAS:

PROPOSED BUILDING FOOTPRINT	26,235 SF
PROPOSED PAVEMENT	134,608 SF
PROPOSED PERVIOUS (100% CREDIT)	-15,559 SF
PROPOSED SIDEWALK	6,000 SF
EXISTING IMPERVIOUS TO REMAIN	0 SF
TOTAL IMPERVIOUS	166,843 SF (65%)

PROPOSED OFFSITE IMPERVIOUS AREAS:

PROPOSED PAVEMENT	10,720 SF
PROPOSED SIDEWALK	4,650 SF
TOTAL PROPOSED OFFSITE IMPERVIOUS	15,370 SF
TOTAL PROPOSED ONSITE+OFFSITE IMPERVIOUS	182,213 SF

PARKING REQUIRED:

MEDICAL OFFICE	102 SPACES
MINIMUM: 1/250 (25,500/250)	150 SPACES
MAXIMUM: 1/170 (25,500/170)	150 SPACES
PROFESSIONAL OFFICE	85 SPACES
MINIMUM: 1/300 (25,500/300)	128 SPACES
MAXIMUM: 1/200 (25,500/200)	128 SPACES
RETAIL	59 SPACES
MINIMUM: 1/400 (23,500/400)	118 SPACES
MAXIMUM: 1/200 (23,500/200)	118 SPACES
DELI	25 SPACES
MINIMUM: 1/80 (2,000/80)	31 SPACES
MAXIMUM: 1/65 (2,000/65)	31 SPACES

PARKING PROVIDED:

COMPACT PARKING PROVIDED:	271-427 SPACES
EXISTING PARKING PROVIDED:	31 SPACES
TOTAL PARKING PROVIDED:	388 SPACES

HANDICAP SPACES REQUIRED (301-400 = 8 HANDICAP SPACES): PROPOSED
388 SPACES

BICYCLE PARKING REQUIRED (388 SPACES): 20
BICYCLE PARKING PROPOSED: 20

PUBLIC WATER AND SEWER BY CFPUA

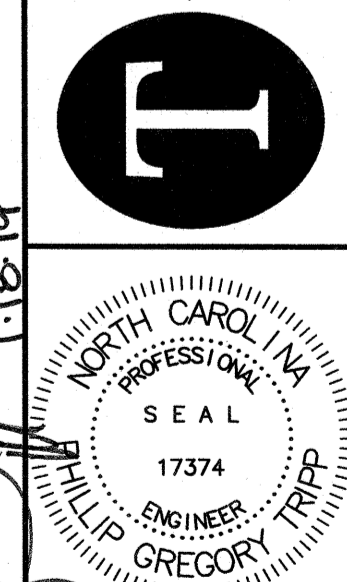
EXISTING WATER FLOW:	2,191 GPD
EXISTING SEWER FLOW:	1,992 GPD
PROPOSED WATER FLOW:	10,098 GPD
PROPOSED SEWER FLOW:	9,180 GPD

SITE PLAN
BAR SCALE 1"=40'

DATE: 01-18-19
DESIGN: PGT
DRAWN: MLV

C3
SHEET 3 OF 10
15040

TRIPP ENGINEERING, P.C.
 419 Chestnut Street
 Wilmington, North Carolina 28401
 Phone 910-763-5100
 Fax 910-763-5631
 © 2018 TRIPP ENGINEERING, P.C.



DATE: 01-18-19
DESIGN: PGT
DRAWN: MLV

For each open utility cut of City streets, a \$325 permit shall be required from the City prior to occupancy and/or project acceptance.
Contact 910-341-5888

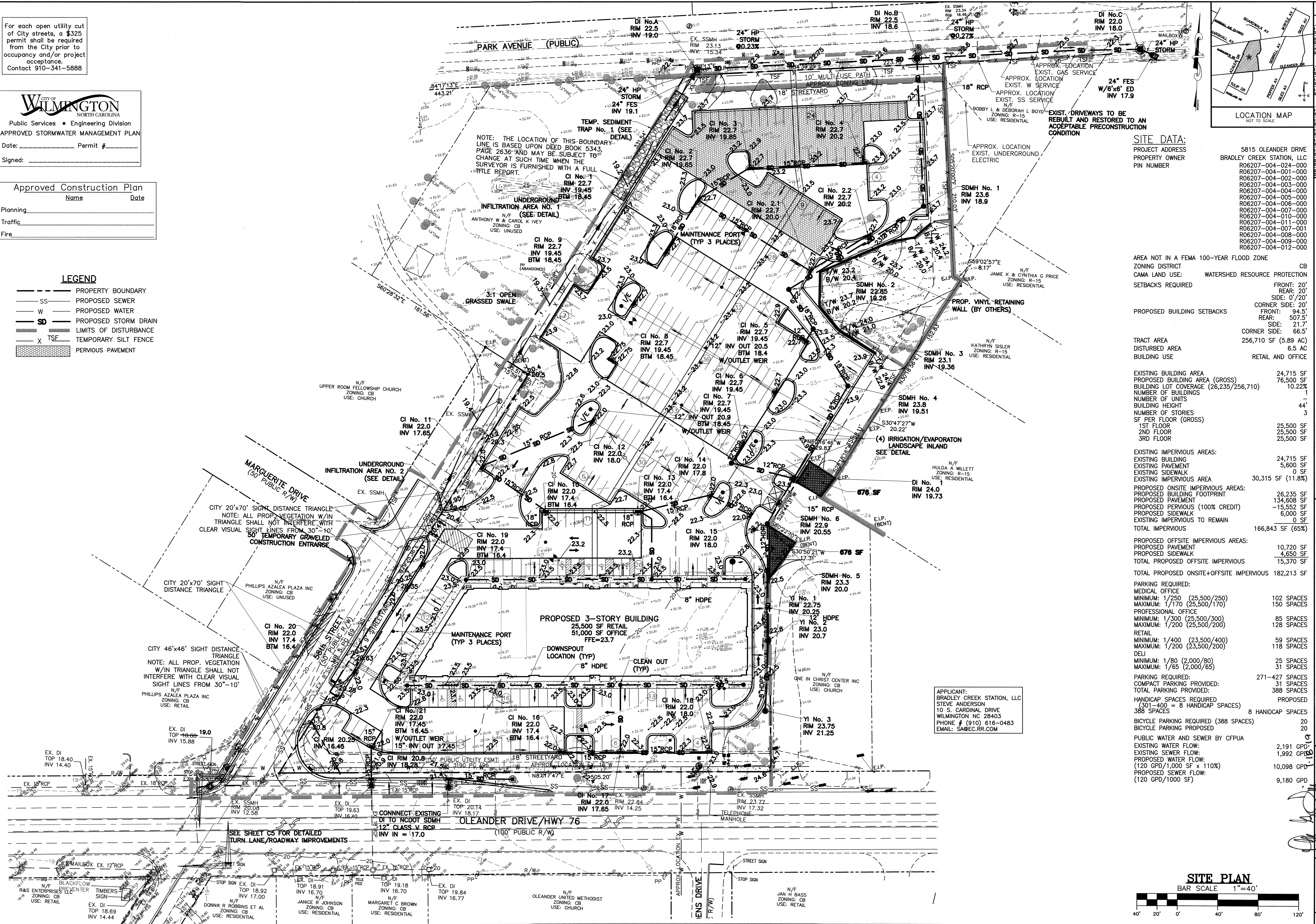
CITY OF WILMINGTON
NORTH CAROLINA
Public Services • Engineering Division
APPROVED STORMWATER MANAGEMENT PLAN
Date: _____ Permit # _____
Signed: _____

Approved Construction Plan

Name	Date
Planning	
Traffic	
Fire	

LEGEND

	PROPERTY BOUNDARY
	PROPOSED SEWER
	PROPOSED WATER
	PROPOSED STORM DRAIN
	LIMITS OF DISTURBANCE
	TEMPORARY SILT FENCE
	PERVIOUS PAVEMENT



SITE DATA:
PROJECT ADDRESS: 5815 OLEANDER DRIVE
PROPERTY OWNER: BRADLEY CREEK STATION, LLC
PIN NUMBER: R06207-004-024-000

AREA NOT IN A FEMA 100-YEAR FLOOD ZONE
ZONING DISTRICT: CB
CAMA LAND USE: WATERSHED RESOURCE PROTECTION

SETBACKS REQUIRED
FRONT: 20'
REAR: 20'
SIDE: 0'/20'
CORNER SIDE: 20'
FRONT: 94.5'
REAR: 507.5'
SIDE: 21.7'
CORNER SIDE: 66.5'

PROPOSED BUILDING SETBACKS

TRACT AREA: 256,710 SF (5.89 AC)
DISTURBED AREA: 6.5 AC
BUILDING USE: RETAIL AND OFFICE

EXISTING BUILDING AREA	24,715 SF
PROPOSED BUILDING AREA (GROSS)	76,500 SF
BUILDING LOT COVERAGE (26,235/256,710)	10.22%
NUMBER OF BUILDINGS	1
NUMBER OF UNITS	44
BUILDING HEIGHT	3
NUMBER OF STORIES	3
SF PER FLOOR (GROSS)	
1ST FLOOR	25,500 SF
2ND FLOOR	25,500 SF
3RD FLOOR	25,500 SF

EXISTING IMPERVIOUS AREAS:

EXISTING BUILDING	24,715 SF
EXISTING PAVEMENT	5,600 SF
EXISTING SIDEWALK	0 SF
EXISTING IMPERVIOUS AREA	30,315 SF (11.8%)

PROPOSED ONSITE IMPERVIOUS AREAS:

PROPOSED BUILDING FOOTPRINT	26,235 SF
PROPOSED PAVEMENT	134,608 SF
PROPOSED PERVIOUS (100% CREDIT)	-15,552 SF
PROPOSED SIDEWALK	6,000 SF
EXISTING IMPERVIOUS TO REMAIN	0 SF
TOTAL IMPERVIOUS	166,843 SF (65%)

PROPOSED OFFSITE IMPERVIOUS AREAS:

PROPOSED PAVEMENT	10,720 SF
PROPOSED SIDEWALK	4,650 SF
TOTAL PROPOSED OFFSITE IMPERVIOUS	15,370 SF
TOTAL PROPOSED ONSITE+OFFSITE IMPERVIOUS	182,213 SF

PARKING REQUIRED:

MEDICAL OFFICE	
MINIMUM: 1/250 (25,500/250)	102 SPACES
MAXIMUM: 1/170 (25,500/170)	150 SPACES
PROFESSIONAL OFFICE	
MINIMUM: 1/300 (25,500/300)	85 SPACES
MAXIMUM: 1/200 (25,500/200)	128 SPACES
RETAIL	
MINIMUM: 1/400 (23,500/400)	59 SPACES
MAXIMUM: 1/200 (23,500/200)	118 SPACES
DELI	
MINIMUM: 1/80 (2,000/80)	25 SPACES
MAXIMUM: 1/65 (2,000/65)	31 SPACES
PARKING REQUIRED:	271-427 SPACES
COMPACT PARKING PROVIDED:	31 SPACES
TOTAL PARKING PROVIDED:	388 SPACES

HANDICAP SPACES REQUIRED (301-400 = 8 HANDICAP SPACES): 8 HANDICAP SPACES
BICYCLE PARKING REQUIRED (388 SPACES): 20
BICYCLE PARKING PROVIDED: 20

PUBLIC WATER AND SEWER BY CFPWA
EXISTING WATER FLOW: 2,191 GPD
EXISTING SEWER FLOW: 1,992 GPD
PROPOSED WATER FLOW: 10,098 GPD
(120 GPD/1,000 SF x 110%)
PROPOSED SEWER FLOW: 9,180 GPD

APPLICANT:
BRADLEY CREEK STATION, LLC
STEVE ANDERSON
10 S. CARDINAL DRIVE
WILMINGTON NC 28403
PHONE # (910) 616-0483
EMAIL: SA@ECR.COM

SITE PLAN
BAR SCALE 1"=40'
DATE: 01-18-19
DESIGN: PGT
DRAWN: MLV

REVISIONS

No.	Date	Description	By
1	01-18-19	ISSUED FOR PERMIT	EWJ
2	02-21-19	REMOVED TREES	EWJ
3	02-21-19	UPDATED SPOT	EWJ
4	02-21-19	REAR	EWJ
5	02-21-19	UPDATE SS	EWJ
6	02-21-19	UPDATE CI 21	EWJ
7	02-21-19	UPDATE PROPERTY LINES, DUMPSTER SHIFT.	EWJ
8	02-21-19	SHIFT DI No. 1	EWJ
9	02-21-19	ADDED SW	EWJ
10	02-21-19	PIPE/D.I.'s	EWJ
11	02-21-19	UPDATE SW	EWJ
12	02-21-19	UPDATE SPOTS	EWJ
13	02-21-19	UPDATE SPOTS	EWJ
14	02-21-19	UPDATE SPOTS	EWJ
15	02-21-19	UPDATE SPOTS	EWJ
16	02-21-19	UPDATE SPOTS	EWJ
17	02-21-19	UPDATE SPOTS	EWJ
18	02-21-19	UPDATE SPOTS	EWJ
19	02-21-19	UPDATE SPOTS	EWJ
20	02-21-19	UPDATE SPOTS	EWJ
21	02-21-19	UPDATE SPOTS	EWJ
22	02-21-19	UPDATE SPOTS	EWJ
23	02-21-19	UPDATE SPOTS	EWJ
24	02-21-19	UPDATE SPOTS	EWJ
25	02-21-19	UPDATE SPOTS	EWJ
26	02-21-19	UPDATE SPOTS	EWJ
27	02-21-19	UPDATE SPOTS	EWJ
28	02-21-19	UPDATE SPOTS	EWJ
29	02-21-19	UPDATE SPOTS	EWJ
30	02-21-19	UPDATE SPOTS	EWJ
31	02-21-19	UPDATE SPOTS	EWJ
32	02-21-19	UPDATE SPOTS	EWJ
33	02-21-19	UPDATE SPOTS	EWJ
34	02-21-19	UPDATE SPOTS	EWJ
35	02-21-19	UPDATE SPOTS	EWJ
36	02-21-19	UPDATE SPOTS	EWJ
37	02-21-19	UPDATE SPOTS	EWJ
38	02-21-19	UPDATE SPOTS	EWJ
39	02-21-19	UPDATE SPOTS	EWJ
40	02-21-19	UPDATE SPOTS	EWJ
41	02-21-19	UPDATE SPOTS	EWJ
42	02-21-19	UPDATE SPOTS	EWJ
43	02-21-19	UPDATE SPOTS	EWJ
44	02-21-19	UPDATE SPOTS	EWJ
45	02-21-19	UPDATE SPOTS	EWJ
46	02-21-19	UPDATE SPOTS	EWJ
47	02-21-19	UPDATE SPOTS	EWJ
48	02-21-19	UPDATE SPOTS	EWJ
49	02-21-19	UPDATE SPOTS	EWJ
50	02-21-19	UPDATE SPOTS	EWJ



TRIPP ENGINEERING, P.C.
419 Chestnut Street
Wilmington, North Carolina 28401
Phone 910-763-5100
Fax 910-763-5631
© 2018 LICENSE NO. 16-00000000

**GRADING, DRAINAGE, EROSION CONTROL,
AND STORMWATER MANAGEMENT PLAN**
BRADLEY CREEK STATION
5815 OLEANDER DRIVE
WILMINGTON, NORTH CAROLINA

