

**SITE DATA**

PARCEL ID: R06500-007-024-000  
 CURRENT ZONING: CB (COMMUNITY BUSINESS)  
 CAMA LAND USE CLASSIFICATION: URBAN  
 PROJECT ADDRESS: 3530 CAROLINA BEACH RD. WILMINGTON, NC 28401  
 CURRENT OWNER: ROUBINI M. OMIRLY 13 BARWARD DR WILMINGTON, NC 28405

TOTAL ACREAGE IN PROJECT BOUNDARY: 90.312 S.F. (± 2.07 ac.)  
 NUMBER OF BUILDINGS: 2  
 BUILDING SIZE: 9,800 S.F. GFA  
 BUILDING HEIGHT: 16' / 1 STORY (45' MAX PER CB REGULATION)

FRONT: REQUIRED=20'  
 SIDE: REQUIRED=0'/20' TO RES. USE  
 REAR: REQUIRED=10'

FRONT: EXISTING=60' PROPOSED=200'  
 SIDE: EXISTING=60'/23' PROPOSED=71'/22'  
 REAR: EXISTING=226' PROPOSED=17'

CALCULATION FOR BUILDING COVERAGE:  
 PROPOSED COVERAGE: 13,527 S.F. + 90,312 S.F. = 15.0%

PROPOSED IMPERVIOUS AREAS:  
 BUILDINGS: 11,127 S.F.  
 ASPHALT PARKING AREA: 9,167 S.F.  
 CONCRETE SIDEWALK: 3,131 S.F.  
 SPLASH PAD: 400 S.F.  
 FUTURE: 811 S.F.  
 TOTAL: 24,636 S.F. (27.3%)

TOTAL ON-SITE IMPERVIOUS AREA:  
 PROPOSED IMPERVIOUS AREA: 24,636 S.F.  
 EXISTING IMP. AREA TO REMAIN: 15,670 S.F.  
 TOTAL: 40,306 S.F. (44.6%)

PROPOSED OFFSITE IMPERVIOUS AREAS:  
 CONCRETE SIDEWALK: 792 S.F.  
 DRIVEWAY APRON: 650 S.F.  
 TOTAL: 1,442 S.F.

PARKING REQUIRED (9,800 S.F. KENNEL):  
 MIN: 1 SPACE/400 S.F. = 25 SPACES (1 H.C.)  
 MAX: 1 SPACE/250 S.F. = 39 SPACES (2 H.C.)

PARKING REQUIRED (45 SEAT RESTAURANT):  
 MIN: 1 SPACE/4.0 SEATS = 11 SPACES (1 H.C.)  
 MAX: 1 SPACE/2.5 SEATS = 18 SPACES (1 H.C.)

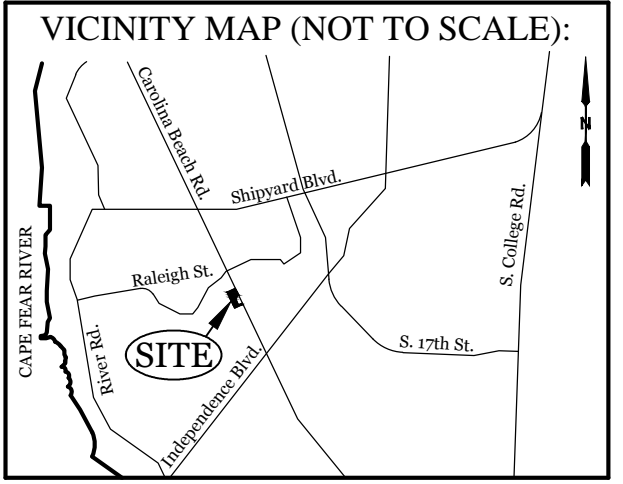
PARKING PROVIDED: 38 SPACES (3 H.C.)

BICYCLE PARKING REQUIRED: (MIN. 5 PER 25-125 VEHICLE SPACES)  
 REQUIRED: 5 SPACES  
 PROVIDED: 5 SPACES

FOUNDATION PLANTINGS:  
 EAST FACADE: 175 LF X 16' FACADE X 12% REQUIRED: 336 S.F.  
 PROVIDED: 394 S.F.

STREETYARD REQUIREMENT: (9' MIN & 27' MAX WIDTH)  
 REQUIRED: 156.84' LF X 18' = 2,823 S.F.  
 PROVIDED: 2,827 S.F.

EXISTING SEWER AND WATER DEMAND: 2,400 GPD  
 PROPOSED SEWER AND WATER DEMAND:  
 98 KENNELS @ 20 GAL/KENNEL = 1,960 GPD  
 EXISTING DEMAND = 2,400 GPD  
 TOTAL: 4,360 GPD



**REVISIONS**

2-6-19	ADDED PAVEMENT MILL/OVERLAY HATCH.
12-9-19	REVISED SS AND WATER SERVICES.
4-26-21	ADDED PROPOSED POOL.

**INTRACOASTAL ENGINEERING, PLLC**  
 5725 Oleander Dr. Unit E-7  
 Wilmington, North Carolina 28403  
 Phone: 910.859.8983  
 Email: Charlie@intracoastalengineering.com  
 License Number: P-0662

**SITE, GRADING, DRAINAGE, STORMWATER, & UTILITIES PLAN FOR WILMINGTON PAWVILLE**  
 CITY OF WILMINGTON  
 NEW HANOVER COUNTY, NC

N/F HAGEN DAVID SCOTT D.B. 5295 PG. 1193 ZONING: CB USE: RETAIL	N/F CORVETTE SERVICES INC. D.B. 5020 PG. 1838 ZONING: CB USE: AUTO GARAGE	N/F BULLOCK ARTHUR R D.B. 4362 PG. 0722 ZONING: CB USE: RESIDENTIAL	N/F BISHOP & ZAPPE LLC D.B. 4362 PG. 0722 ZONING: CB USE: GYM	N/F BISHOP & ZAPPE LLC D.B. 4868 PG. 2369 ZONING: CB USE: PARKING LOT	N/F CARDINAL AQUISITIONS INC D.B. 5782 PG. 2363 ZONING: CB USE: LAW/CARE SERVICE
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- DEVELOPMENT NOTES:**
- ALL DEVELOPMENT SHALL BE IN ACCORDANCE WITH THE CITY OF WILMINGTON LAND DEVELOPMENT CODE, INCLUDING PRESCRIBED CONDITIONS FOR THIS USE. (SECT. 18-280 OF COW MUTCD)
  - PROJECT SHALL COMPLY WITH ALL FEDERAL, STATE & NEW HANOVER COUNTY REGULATIONS.
  - ALL PENS SHALL BE ENCLOSED.
  - LIMITED OUTDOOR EXERCISE RUNS OR FACILITIES SHALL BE PERMITTED SO LONG AS THEIR HOURS OF USE ARE RESTRICTED TO THE HOURS BETWEEN 8:00 A.M. AND 5:00 P.M.
  - EXERCISE RUNS OR FACILITIES SHALL BE A MINIMUM OF FOUR (4) FEET BY TEN (10) FEET.
  - THE FACILITY SHALL MAINTAIN A MINIMUM TOTAL OF TWENTY-FIVE (25) SQUARE FEET OF KENNEL AREA PER ANIMAL. THIS AREA MAY BE COMPRISED OF CAGE AREA, RUNS, OR EXERCISE FACILITIES.
- UTILITY NOTES:**
- CONTRACTOR TO VERIFY SANITARY SEWER TIE IN DEPTH AT START OF PROJECT. CONFIRM NO CONFLICT WILL OCCUR BETWEEN SS AND STORM DRAIN PIPES.
  - EXISTING WATER AND SANITARY SEWER SERVICES ARE CURRENTLY AVAILABLE TO THE SITE FROM CAPE FEAR PUBLIC UTILITY AUTHORITY PUBLIC MAINS.
  - ALL PROPOSED UTILITY SERVICES, SUCH AS ELECTRIC POWER, CATV, GAS & TELEPHONE SHALL BE INSTALLED UNDERGROUND.
  - ALL WATER & SEWER UTILITIES TO BE INSTALLED PER CFWA TECHNICAL SPECIFICATIONS & STANDARDS.
  - PROJECT SHALL COMPLY WITH CFWA CROSS CONNECTION CONTROL REQUIREMENTS. WATER METERS/CANNOT BE RELEASED UNTIL ALL REQUIREMENTS ARE MET AND N.C.D.E.N.R. HAS ISSUED THEIR "FINAL APPROVAL". CALL 343-3910 FOR INFORMATION.
  - ANY BACKFLOW PREVENTION DEVICES REQUIRED BY THE CFWA WILL NEED TO BE ON THE LIST OF APPROVED DEVICES BY USFCCCH OR ASSE.
  - WATER & SEWER SERVICES CAN NOT BE ACTIVATED ON NEW MAINS UNTIL THE ENGINEER'S CERTIFICATION AND AS-BUILTS ARE RECEIVED AND "FINAL APPROVAL" ISSUED BY THE PUBLIC WATER SUPPLY SECTION OF NCDENR, AND "FINAL ENGINEERING CERTIFICATION" ISSUED BY DIVISION OF WATER QUALITY SECTION OF NCDENR.
  - IF CONTRACTOR DESIRES CFWA 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.
  - WHEN PVC WATER MAINS AND SERVICES ARE PROPOSED, THE PIPES ARE TO BE MARKED WITH NO. 10 INSULATED, SINGLE-STRAND COPPER WIRE INSTALLED & STRAPPED TO THE PIPES WITH DUCT TAPE. THIS IS TO BE ACCESSIBLE IN ALL VALVES AND METER BOXES TO AID IN FUTURE LOCATION OF FACILITIES.
  - THE CONTRACTOR IS RESPONSIBLE FOR THE LOCATION AND PROTECTION OF EXISTING UTILITIES DURING CONSTRUCTION. CALL U-LOCO AT 1-800-622-4949. CONTRACTOR IS RESPONSIBLE FOR THE REPAIR AND REPLACEMENT OF ANY UTILITIES, CURB & GUTTER, PAVEMENT, ETC. THAT MAY BE DAMAGED DURING CONSTRUCTION. DAMAGED ITEMS SHALL BE REPAIRED TO AT LEAST THE QUALITY OR WORKMANSHIP FOUND IN THE ORIGINAL ITEM.
  - THE BELLSOUTH CONTACT IS STEVE DAYVAULT, BUILDING INDUSTRY CONSULTANT, AT 910-392-8712. CONTACT HIM PRIOR TO STARTING THE PROJECT IN ORDER TO FACILITATE GOOD COMMUNICATION AND MAXIMUM FLEXIBILITY.
  - THE PROCESS FOR TELEPHONE CABLE PLACEMENT: \* FINAL GRADE WILL NEED TO BE ESTABLISHED. \* POWER WILL PLACE THEIR CABLE FIRST - APPROXIMATELY 3' DEEP. \* BELLSOUTH & CABLE TV WILL THEN PLACE THEIR CABLE AT APPROXIMATELY 2' DEEP.
  - SOLID WASTE DISPOSAL BY PRIVATE DUMPSTER SERVICE.
  - RUNOFF FROM ALL IMPERVIOUS SURFACES, INCLUDING ROOF DRAINAGE, TO BE DIRECTED TO STORM DRAIN SYSTEM.
  - ALL WATER LINES TO BE BURIED AT 36" MIN. DEPTH

- GENERAL TRAFFIC NOTES:**
- ALL TRAFFIC CONTROL SIGNS AND PAVEMENT MARKINGS OFF THE R/W TO BE MAINTAINED BY THE PROPERTY OWNER IN ACCORDANCE WITH MUTCD STANDARDS.
  - ALL PAVEMENT MARKINGS IN PUBLIC RIGHTS-OF-WAY AND FOR DRIVEWAYS ARE TO BE THERMOPLASTIC AND MEET CITY AND/OR NCDOT STANDARDS. [DETAIL SD 15-13 & SD 11-3 COW TECH STD]
  - ALL SIGNS AND PAVEMENT MARKINGS OFF RIGHT OF WAY ARE TO MEET/BE MAINTAINED TO MUTCD (MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES) STANDARDS. [DETAIL SD 15-13 & SD 11-3 COW TECH STD]
  - A UTILITY CUT PERMIT IS REQUIRED FOR EACH OPEN CUT OF A CITY STREET. NOTE THIS ON THE PLAN AND CONTACT 341-5888 FOR MORE DETAILS. IN CERTAIN CASES AN ENTIRE RESURFACING OF THE AREA BEING OPEN CUT MAY BE REQUIRED.
  - ANY BROKEN OR MISSING SIDEWALK PANELS, DRIVEWAY PANELS AND CURBING WILL BE REPLACED.
  - CONTRACTOR TO VERIFY NO CONFLICT BETWEEN EX. & PROP. SS SERVICES
  - CONTRACTOR TO RETAIN EX. BACKFLOW PREVENTER IN EX. WELLHOUSE
  - EX. SIGN TO BE RELOCATED/RE-DESIGNED FOR COW COMPLIANCE. (BY OTHERS)
  - 10' & 20' x 70' SIGHT TRIANGLE (TYP)
  - CONTRACTOR TO VERIFY NO CONFLICT BETWEEN EX. & PROP. SS SERVICES
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  - 10' & 20' x 70' SIGHT TRIANGLE (TYP)
- FIRE & SAFETY NOTES:**
- CONSTRUCTION TYPE: V-B (COMMERCIAL)
  - PROPOSED BUILDING WILL BE SPRINKLED
  - ALL WEATHER ACCESS ROAD MUST BE MAINTAINED AROUND CONSTRUCTION SITE AT ALL TIMES.
  - HYDRANTS SHALL BE OF SUFFICIENT NUMBERS TO ACCOMMODATE BASE FIRE FLOW REQUIREMENTS OF STRUCTURE.
  - IN ADDITION TO THE STANDARD COMMENTS, ADDITIONAL FIRE PROTECTION AND ACCESSIBILITY REQUIREMENTS MAY BE REQUIRED DUE TO ANY SPECIAL CIRCUMSTANCES CONCERNING THE PROJECT.
  - 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
  - PRIVATE UNDERGROUND FIRE LINES REQUIRE A SEPARATE UNDERGROUND FIRE LINE PERMIT FROM THE WILMINGTON FIRE AND LIFE SAFETY DIVISION 910-645-0696
  - ALL ISOLATION VALVES WITHIN THE "HOT BOX" SHALL BE ELECTRICALLY SUPERVISED.

**Approved Construction Plan**

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Planning: \_\_\_\_\_  
 Public Utilities: \_\_\_\_\_  
 Traffic: \_\_\_\_\_  
 Fire: \_\_\_\_\_

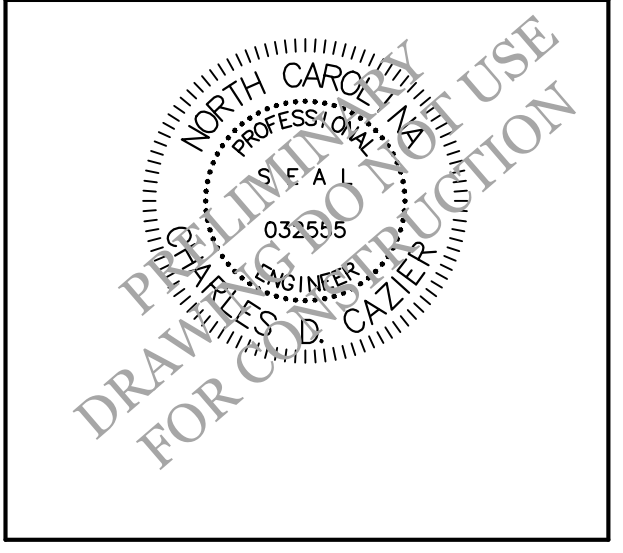
City of Wilmington  
 Public Services • Engineering Division  
 APPROVED STORMWATER MANAGEMENT PLAN

Date: \_\_\_\_\_ Permit # \_\_\_\_\_  
 Signed: \_\_\_\_\_

**LEGEND**

- PROPERTY LINE
- ADJOINING
- RUNOFF DIRECTION
- EX. EOP
- PROP. WATER LINE
- PROP. SS LINE
- EXISTING FIRE HYDRANT
- PROPOSED FIRE HYDRANT
- PROPOSED GATE VALVE
- PROPOSED REDUCER
- BIKE RACK (5 SPACES)
- STREETYARD
- FOUNDATION PLANTINGS
- MILL/OVERLAY AREA

Scale: 1"=30'



**CLIENT INFORMATION:**

Phil Miller  
 Pawville Real Estate Holdings, LLC  
 108 Pagoda Ct.  
 Hampstead, NC 28443  
 Ph. 910-599-2641

DRAWN: JAE SHEET SIZE: 24x36  
 CHECKED: CDC DATE: 11/29/2018  
 APPROVED: CDC SCALE: 1" = 30'  
 PROJECT NUMBER: 2018-013

DRAWING NUMBER: **C-1**