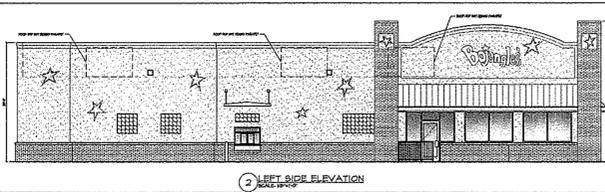


SITE PLANS and PROFILES of  
**COLLEGE ROAD SITE**



CITY OF WILMINGTON, NEW HANOVER CO.  
NORTH CAROLINA  
DATE: MARCH 2015



**ELEVATION VIEWS**  
Views - NTS

**CITY STANDARD NOTES:**

- 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 BARICADED 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 INSTRUCTION ON TREE PROTECTION METHODS.
  - ALL PAVEMENT MARKINGS IN PUBLIC RIGHTS-OF-WAY AND FOR DRIVEWAYS ARE TO BE THERMOPLASTIC AND MEET CITY AND/OR NCDOT STANDARDS.
  - 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.
  - TRAFFIC CONTROL DEVICES (INCLUDING SIGNS AND PAVEMENT MARKINGS) IN AREAS OPEN TO PUBLIC TRAFFIC ARE TO MEET MANUAL (MANUAL UNIFORM TRAFFIC CONTROL DEVICES) STANDARDS.
  - CONTACT TRAFFIC ENGINEERING AT 341-7888 TO ENSURE THAT ALL TRAFFIC SIGNAL FACILITIES AND EQUIPMENT ARE SHOWN ON THE PLAN.
  - CALL TRAFFIC ENGINEERING AT 341-7888 FORTY-EIGHT HOURS PRIOR TO ANY EXCAVATION IN THE RIGHT-OF-WAY.
  - TRAFFIC ENGINEERING MUST APPROVE OF PAVEMENT MARKING PRIOR TO ACTUAL STRIPING.
  - ALL PARKING STALL MARKINGS AND LANE ARROWS WITHIN THE PARKING AREAS SHALL BE WHITE.
  - ALL TRAFFIC CONTROL SIGNS AND MARKINGS OFF THE RIGHT-OF-WAY ARE TO BE MAINTAINED BY THE OWNER IN ACCORDANCE WITH MUTCD STANDARDS.
  - STOP SIGNS AND STREET SIGNS TO REMAIN IN PLACE DURING CONSTRUCTION.
  - TACTILE WARNING MATS WILL BE INSTALLED ON ALL WHEELCHAIR RAMPS.
  - A UTILITY CUT PERMIT TO BE OBTAINED FOR ANY UTILITY CUT IN A CITY STREET. IN CERTAIN CASES ENTIRE RESURFACING OF THE OPEN CUT AREA MAY BE REQUIRED.
  - ANY BROKEN OR MISSING SIDEWALK OR DRIVEWAY PANELS OR CURBS WILL BE REPLACED.
  - CONTACT THE CITY AT 341-7888 TO DISCUSS STREET LIGHTING OPTIONS.
  - WATER AND SEWER SERVICE SHALL MEET CAPE FEAR PUBLIC UTILITY AUTHORITY (CFPUA) DETAILS AND SPECIFICATIONS.
  - PROJECT SHALL COMPLY WITH CAPE FEAR PUBLIC UTILITY AUTHORITY CROSS CONNECTION CONTROL REGULATIONS. WATER METERS CANNOT BE RELEASED UNTIL ALL REQUIREMENTS ARE MET AND THE SYSTEM HAS GIVEN THEIR FINAL APPROVAL. CALL 343-3910 FOR INFORMATION.
  - IF THE CONTRACTOR DESIRES CPFWA 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. ANY IRRIGATION SYSTEM SUPPLIED BY CPFWA WATER SHALL COMPLY WITH CPFWA CROSS CONNECTION CONTROL REGULATIONS. CALL 343-3910 FOR INFORMATION.
  - ANY IRRIGATION SYSTEM SHALL BE EQUIPPED WITH A RAIN AND FREEZER SENSOR.
  - ANY BACKFLOW PREVENTION DEVICES REQUIRED BY CPFWA WILL NEED TO BE ON THE LIST OF APPROVED DEVICES BY USFCCCOR OR ASSE.
  - CONTRACTOR TO FIELD VERIFY EXISTING WATER AND SEWER SERVICE LOCATIONS, SIZES AND MATERIALS PRIOR TO CONSTRUCTION. ENGINEER TO BE NOTIFIED OF ANY CONFLICTS. 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 810-341-0996.
  - NO OBSTRUCTIONS ARE PERMITTED IN THE SPACE BETWEEN THIRTY (30) INCHES AND TEN (10) FEET ABOVE THE GROUND WITHIN THE TRIANGULAR SIGHT DISTANCE.
  - CONTACT THE NORTH CAROLINA ONE CALL CENTER AT 1-800-332-4849 PRIOR TO ANY DIGGING, CLEARING OR GRADING.
  - ANY PVC MAINS ARE TO BE MARKED WITH NO.10 INSULATED COPPER WIRE INSTALLED THE ENTIRE LENGTH AND STAPPED TO THE PIPE WITH DOT TAP AND STRIPPED TO BARE WIRE AND SECURED TO ALL VALVES AND FITTINGS, ACCESSIBLE IN ALL VALVE AND METER BOXES. ALL WATER MAINS ARE TO HAVE A MINIMUM OF 3' COVER.
- PROPOSED SEWER & WATER USAGE SAME AS EXISTING
- ADDITIONAL FIRE DEPARTMENT NOTES:
- HYDRANTS MUST BE WITHIN 150' OF THE FDC
  - THE FDC MUST BE WITHIN 40' OF FIRE APPARATUS PLACEMENT
  - LANDSCAPING MAY NOT BLOCK ANY FDC OR HYDRANT WITH A 3' CLEAR SPACE MAINTAINED
  - CONTRACTOR TO MAINTAIN ALL WEATHER ACCESS FOR EMERGENCY VEHICLES DURING CONSTRUCTION
  - HYDRANTS MUST BE LOCATED WITHIN 8' OF THE CURB
  - NEW HYDRANTS MUST BE AVAILABLE FOR USE PRIOR TO BUILDING CONSTRUCTION

**LEGEND**

- WV = WATER VALVE
  - WM = WATER METER
  - CIO = SANITARY SEWER CLEAN OUT
  - INV = INVERT
  - BFP = BACK FLOW PREVENTOR
  - GW = GUY WIRE
  - SWMH = STORM MANHOLE
  - GT = GREASE TRAP
  - FH = FIRE HYDRANT
  - IS = IRON SET
  - SM = SANITARY SEWER MANHOLE
  - CI = CURB INLET
  - T = TREE
  - SL = STREET LIGHT
  - W = WATER SERVICE
  - SC = SEWER CLEANOUT
  - WV = WATER VALVE
- PROPERTY LINE**
- SOLID WHITE LINE
  - DASHED WHITE LINE
  - SOUTH BOUND LANES
  - DASHED WHITE LINE
  - SOLID WHITE LINE
  - EDGE OF PAVEMENT
- BUILDING SETBACK**
- CENTERLINE
  - EASEMENT
  - COMPUTED PROPERTY LINE
- SCALE IN FEET: 1" = 20'**

**SURVEY NOTES:**

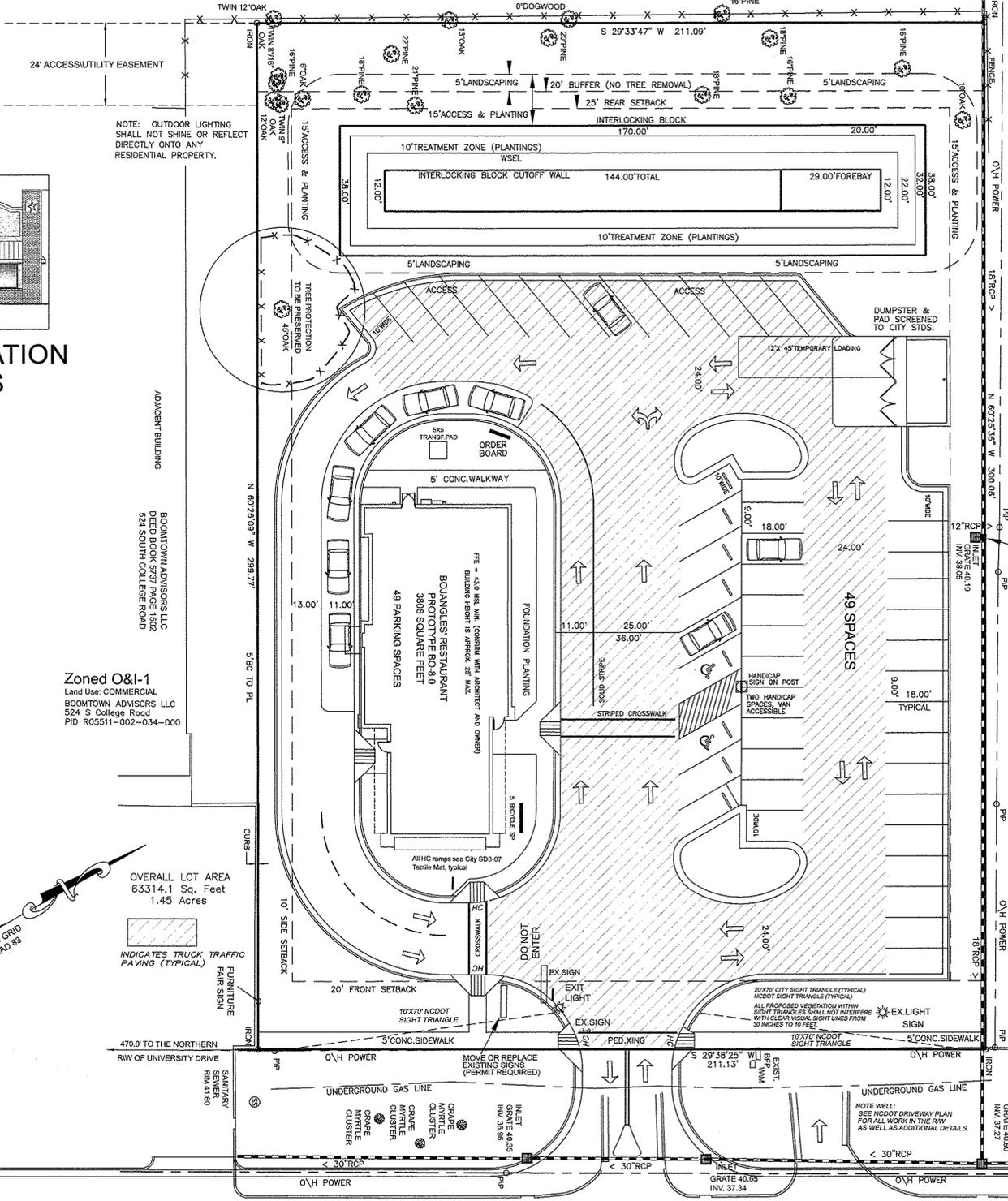
- AREA COMPUTED BY COORDINATE METHOD
- ALL DISTANCES ARE HORIZONTAL GROUND
- THIS SURVEY IS NOT FOR RECORDATION, IT DOES NOT MEET ALL REQUIREMENTS OF G.S. 47-36.
- PROPERTY SUBJECT TO ALL EASEMENTS OF RECORD
- THE UNDERGROUND UTILITIES SHOWN ON THIS SURVEY ARE LOCATED FROM FIELD SURVEY INFORMATION, AND EXISTING AS-BUILT DRAWINGS. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA.
- THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH THE SURVEYOR DOES CERTIFY THAT THE UTILITIES ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE.
- THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.
- FOR REFERENCE SEE AS NOTED
- THIS TRACT IS NOT LOCATED IN A SPECIAL FLOOD HAZARD AREA

**Zoned O&I-1**

Land Use: COMMERCIAL  
BOOMTOWN ADVISORS LLC  
524 S College Road  
PID R05511-003-001-000

**Zoned MF-M**

Land Use: Residential  
K PARTNERSHIP  
PO BOX 10009 GREENSBORO, NC 27404  
PID R05507-002-070-000



OVERALL LOT AREA  
63314.1 Sq. Feet  
1.45 Acres

INDICATES TRUCK TRAFFIC PAVING (TYPICAL)

470.0' TO THE NORTHERN R/W OF UNIVERSITY DRIVE

**SOUTH COLLEGE ROAD**  
200 FT. PUBLIC RIGHT OF WAY



NOTE: Both sides are typically symmetrical.  
TYPE "A" CURB & GUTTER MAY BE "STILL" OR STANDARD, DEPENDING ON LOCATION.

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

STORMWATER MANAGEMENT PLAN  
APPROVED  
CITY OF WILMINGTON  
ENGINEERING DEPARTMENT  
DATE \_\_\_\_\_  
PERMIT # \_\_\_\_\_  
SIGNED \_\_\_\_\_

Approved Construction Plan  
Name \_\_\_\_\_  
Date \_\_\_\_\_  
Planning \_\_\_\_\_  
Traffic \_\_\_\_\_  
Fire \_\_\_\_\_



**GENERAL NOTES:**

- This map is not for conveyance, recordation, or sales.
- This property is located within a special flood hazard area X according to Flood Insurance Rate Map Community Panel #372031374, effective date April 3, 2006.
- Area = 1.45 acres
- Building layout and dimensions by others.
- This property is zoned City of Wilmington O&I-1. Building setbacks are as follows:  
20' from College Road Right-of-Way  
10' from Interior Side  
25' from Rear (residential)
- Handicap Ramps provided at all intersections and one per building.
- 15 suitable trees per acre are to be preserved or planted in accordance with City of Wilmington standards.
- Parking areas and streets to be lighted in accordance with City of Wilmington standards.
- Refuse collection by dumpster and private hauler.
- 49 total parking spaces provided this Project.
- NO CONSTRUCTION IS TO BEGIN BEFORE LOCATION OF EXISTING UTILITIES HAS BEEN DETERMINED. CALL "NC ONE-CALL" AT LEAST 48 HOURS BEFORE COMMENCING CONSTRUCTION. 1-800-632-4949
- Affected Non-Municipal Utilities shall be contacted and provided with plans and other pertinent information, when feasible, to coordinate scheduling and placement. At the minimum this should include AT&T and Duke (Progress) Energy.
- Project shall comply with CPFWA Cross Connection Control requirements. Water meter(s) cannot be released until all requirements are met.
- If the contractor desires CPFWA 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.
- Any irrigation system supplied by CPFWA water shall comply with CPFWA Connection Control regulations.
- Reflectors shall be installed as per City and NCDOT standards.

**ADDITIONAL NOTES:**

- AS PART OF SITE IMPROVEMENTS FOR A SUBDIVISION OR SITE PLAN, ANY BROKEN OR MISSING SIDEWALK PANELS, DRIVEWAY PANELS, AND/OR CURBING ADJACENT TO THE PROJECT AREA SHALL BE REPLACED BY THE DEVELOPER. THIS SHALL BE REQUIRED WHETHER THE DAMAGE EXISTED PRIOR TO THE START OF CONSTRUCTION OR MAY HAVE BEEN CAUSED DURING CONSTRUCTION.
- PER THE REQUIREMENTS OF THE STORMWATER PERMIT, THE FOLLOWING SHALL OCCUR PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY OR OPERATION OF THE PERMITTED FACILITY.
  - AS-BUILT DRAWINGS FOR ALL STORMWATER MANAGEMENT FACILITIES SHALL BE SUBMITTED TO THE CITY OF WILMINGTON ENGINEERING DIVISION.
  - AN ENGINEER'S CERTIFICATION SHALL ALSO BE SUBMITTED, ALONG WITH ALL SUPPORTING DOCUMENTATION THAT SPECIFIES, UNDER SEAL THAT THE AS-BUILT STORMWATER MEASURES, CONTROLS AND DEVICES ARE IN COMPLIANCE WITH THE APPROVED STORMWATER MANAGEMENT PLANS.
  - A FINAL INSPECTION BY CITY OF WILMINGTON ENGINEERING PERSONNEL.
- ALL REQUIRED EASEMENT MAPS SHALL BE REVIEWED BY CITY STAFF AND RECORDED PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY.

**OTHER NOTES:**

- THIS PLAN IS PRELIMINARY, NOT INTENDED FOR RECORDATION, SALES, OR CONVEYANCE.
- SURVEYED IN 2013, AND 2014.
- ALL DISTANCES AS SHOWN ARE HORIZONTAL.
- SEWER PROVIDED BY CPFWA.
- WATER PROVIDED BY CPFWA.
- ANTICIPATED UTILITIES USE IS UNCHANGED.
- SITE WILL MEET ALL ZONING REQUIREMENTS.
- AREA COMPUTED BY COORDINATE METHOD.
- REGULATED TREES ON SITE TO BE PRESERVED AS SHOWN.
- STRIPING AND LANES TO CITY STANDARDS (THERMOPLASTIC).
- NO VEHICULAR ACCESS TO SITE EXCEPT AS SHOWN.
- ALL UTILITIES UNDERGROUND.
- COMBINED GRID FACTOR = 1.00000.
- FOR REFERENCE SEE: DE 1991 PG 087
- ONE SIGNIFICANT TREE ON SITE TO BE PRESERVED.

**Zoned O&I-1**

Land Use: Church  
CHURCH OF JESUS CHRIST OF WILMINGTON  
514 S College Road  
PID R05507-002-071-000

**STANDARD NOTES:**

- Information concerning underground utilities was obtained from available records. It shall be the responsibility of the Contractor to determine the exact elevations and locations of all existing utilities at all crossings prior to commencing trench excavation. If actual clearances are less than indicated on Plan, the Contractor shall contact the Design Engineer before proceeding with construction. Any condition discovered or existing that would necessitate a modification of these plans shall be brought to the attention of the Design Engineer before proceeding with construction.
- NO CONSTRUCTION IS TO BEGIN BEFORE LOCATION OF EXISTING UTILITIES HAS BEEN DETERMINED. CALL "NC ONE-CALL" AT LEAST 48 HOURS BEFORE COMMENCING CONSTRUCTION.
- All trees which are not required to be cleared for construction shall be preserved wherever possible unless otherwise directed.
- Contractor shall adjust all manholes, valve and curb boxes to the final grade upon completion of all construction. Any boxes damaged or otherwise disturbed by the Contractor shall be repaired at the expense of the Contractor.
- The Contractor is responsible for controlling dust and erosion during construction at his expense. Roads shall be watered to control dust when ordered by the Engineer.
- No geotechnical testing has been performed on site. No warranty is made for suitability of subgrade, and undercut and any required replacement with suitable material shall be the responsibility of the contractor.
- Extreme care shall be taken to ensure minimum separations at all utility crossings.
- Contractor to ensure that pavement is placed so as to drain positively to the curb outlets and catch basins. All roof drain downspouts to be directed to the storm sewer system.
- Contractor is responsible for obtaining all required permits.
- This plan is for site grading, roadwork, drainage, land disturbing activities and erosion control only.
- No encumbrances in R/W except as shown.
- Affected Non-Municipal Utilities shall be contacted and provided with plans and other pertinent information, when feasible, to coordinate appropriate scheduling and placement. At the minimum this should include AT&T and Duke (Progress) Energy.

- REGULATED TREES TO BE REMOVED ARE FOR ESSENTIAL SITE IMPROVEMENTS. NO REGULATED TREES ARE LOCATED IN EXCESS PARKING AREAS.
- LANDSCAPING PLAN BY OTHERS.
- CONTRACTOR TO COORDINATE STAGING OF CONSTRUCTION ACTIVITIES WITH THE OWNER AND ARCHITECT TO FACILITATE ONGOING ADJOINING BUSINESS ACTIVITIES.
- CONTRACTOR TO COORDINATE REMOVAL AND RELOCATION OF LIGHTING AND OTHER NON-MUNICIPAL UTILITIES SUCH AS ELECTRICAL AND TELEPHONE CONNECTIONS WITH THE AFFECTED AGENCIES AND THE OWNER AND ARCHITECT.
- CONTRACTOR TO COORDINATE CONSTRUCTION OF PARKING LOT, ISLANDS, AND EXTERIOR FENCING AND SCREENING WITH THE OWNER AND ARCHITECT.
- NCDOT PERMIT REQUIRED FOR ANY WORK IN COLLEGE ROAD R/W.
- ALL SERVICES TO BE INSTALLED IN ACCORDANCE WITH CITY AND CPFWA TECHNICAL STANDARDS.

**BENCHMARK LOCATIONS AND ELEVATIONS**

LOCATION	ELEVATION
1 MAGNETIC NAIL AT SOUTHERNMOST CORNER EXISTING DUMPSTER ENCLOSURE	40.49

**INDEX TO SET DRAWINGS**

SHEET No.	DESCRIPTION	DRAWING No.
1 OF 4	Site Plan Cover Sheet and General Notes	12354-SHT1
2 OF 4	Site & Utilities Plan	12354-SHT2
3 OF 4	Site Grading, Stormwater & Erosion Control Measures	12354-SHT3
4 OF 4	Details, Specifications and Notes	12354-SHT4
1 OF 1	Additional Bojangles' Standard Details & Dumpster Plans	BOJANGLES'
1 OF 1	Landscape Plan by Freeman Landscape Inc.	Freeman
1 OF 1	NCDOT Driveway Plan	12354-SHT 1 of 1
1 OF 1	Existing Conditions and Tree Identification Survey	12354-Survey BASE
1 OF 1	Construction Staging and Demolition Plan	12354-SHT5

Site Plan Cover Sheet and General Notes  
**BOJANGLES'**  
520 South College Road  
LOCATED IN CITY OF WILMINGTON

SMITHVILLE TOWNSHIP  
NEW HANOVER COUNTY, NORTH CAROLINA

DEVELOPER: BOJANGLES' RESTAURANTS INC.  
9432 SOUTHERN PINE BLVD.  
CHARLOTTE, NC 28273 phone:704-940-8669

HANOVER DESIGN SERVICES, P.A.  
LAND SURVEYORS, ENGINEERS & LAND PLANNERS  
1123 FLORAL PARKWAY  
WILMINGTON, N.C. 28403  
PHONE: (910) 343-8002  
LICENSE # 0-0597

Date: 3-12-15  
Scale: 1" = 20'  
Drawn: DSH  
Checked: DSH  
Project No: 12354  
Sheet No: 1  
Of: 4

Professional Engineer Seal: DAVID S. HOLLIS, No. 21015, dhollis@hdsim.com

MAJOR REVISION TO DRIVEWAY & DOT R/W 8-07-15  
REVISIONS DATE

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520 SOUTH COLLEGE ROAD

CITY OF WILMINGTON  
NEW HANOVER COUNTY  
NORTH CAROLINA

OWNER: CAJUN PROPERTIES, INC

DATE: MARCH 12, 2015

TREE INVENTORY	
HARDWOODS	- 10
CONIFER	- 21
FLOWERING	- 1
TOTAL	- 32

TREE REMOVALS	
HARDWOODS	- 3
CONIFER	- 10
FLOWERING	- 0
TOTAL	- 13

16" PINE INDICATES TREE TO BE REMOVED

CONSTRUCTION SCHEDULE -

- Obtain approval of Plan and any necessary permits, and hold a pre-construction conference prior to commencing any work.
- Flag work limits and stake-out Phase 1 primary measures, and flag trees for removal and protection.
- Install Gravel Construction Entrances for Phase 1. Sediment Basin to be constructed during transition from Phase 1 to Phase 2 and operational before 10,000 sf of new BUA is placed.
- Construct any other sediment control Practices for Phase 2 shown, prior to rough grading parking lot and site, stockpiling material and topsoil as necessary.
- Install utilities in parking lot, establish final grades and stabilize parking areas with stone base course.
- Final grade building site, install non-municipal utilities as needed, and vegetatively stabilize areas where building construction is not imminent.
- All erosion and sediment control Practices are to be inspected weekly and after any rainfall, and repaired as necessary.
- Upon completion of building construction, the roadway and parking areas are to be paved and all areas permanently vegetatively stabilized. After site stabilization, temporary measures are to be removed and the Sediment Basin cleaned to its original design contours, if necessary, and riser structures orifices opened, so as to function as a stormwater management / water quality retention pond.

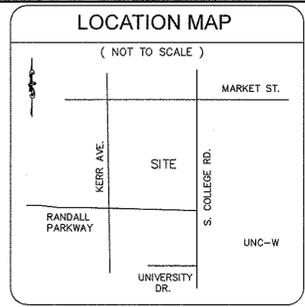
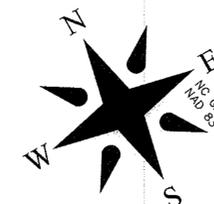
PHASING SCHEDULE -

- Phase 1 construction to be completed and new building substantially pre-constructed prior to commencing Phase 2.
- Contractor to coordinate staging of College Road entrances with NCDOT and the City of Wilmington. Terms of the permit, including night construction, to be coordinated with DOT.
- Contractor responsible for coordinating re-location of any utilities with the appropriate agencies.

SEE SHEET 3 OF 4 FOR ADDITIONAL  
EROSION CONTROL PRACTICES AND DETAILS

PHASE 2 CONSTRUCTION TO COMMENCE ONLY UPON COMPLETION OF PHASE 1 AND CONTRACTOR NOTIFICATION BY OWNER

NOTE WELL: ADDITIONAL EROSION CONTROL MEASURES REQUIRED FOR ALL WORK IN NCDOT R/W. SEE DRIVEWAY PLAN.



STORMWATER MANAGEMENT PLAN APPROVED CITY OF WILMINGTON ENGINEERING DEPARTMENT DATE PERMIT # SIGNED

Approved Construction Plan Name Date

Planning \_\_\_\_\_ Traffic \_\_\_\_\_ Fire \_\_\_\_\_

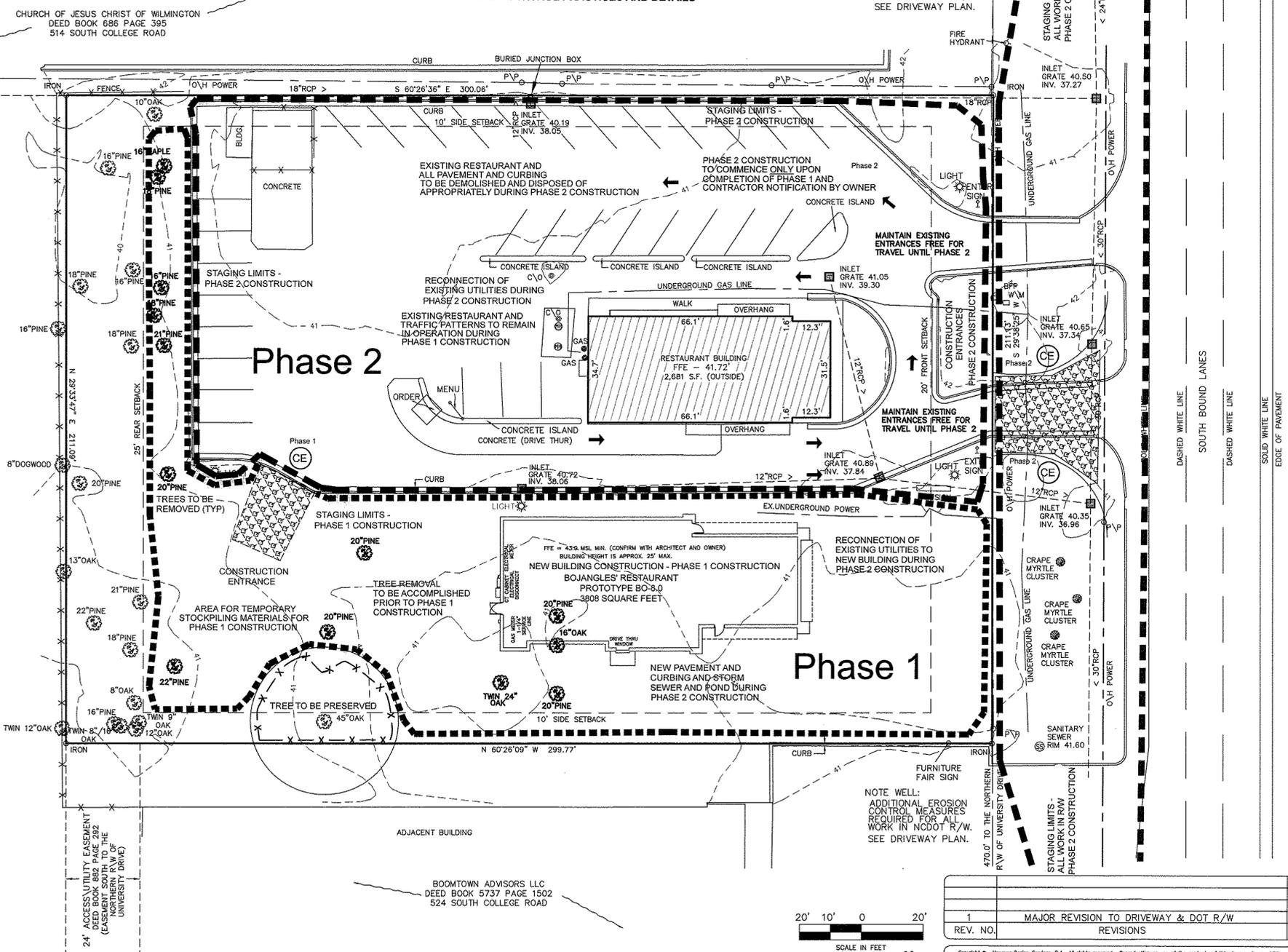
For each open utility cut of City streets, a \$325 permit shall be required from the City prior to occupancy and/or project acceptance.

ADDITIONAL NOTES  
THIS PROPERTY IS LOCATED IN FLOOD ZONE X ACCORDING TO FIRM MAP 37203137J, EFFECTIVE DATE APRIL 3, 2006  
NO OBSERVED EVIDENCE OF RECENT EARTH MOVING ACTIVITY  
NO OBSERVED EVIDENCE OF A SOLID WASTE DUMP  
BASED ON RECENT SURVEY AND OBSERVED EVIDENCE NO WETLANDS

SITE DATA  
TAX PARCEL No. R05507-002-069-000  
TRACT AREA - 63,300 S.F. 1.45 ACRES  
ZONED - O&I (OFFICE & INSTITUTIONAL)  
SETBACKS: FRONT - 20'  
REAR - 25' (RESIDENTIAL)  
SIDE - 10'  
LOT COVERAGE 40%  
30 PARKING SPACES (EXISTING)

- NOTES
- AREA COMPUTED BY COORDINATE METHOD
  - ALL DISTANCES ARE HORIZONTAL GROUND
  - THIS SURVEY IS NOT FOR RECORDATION, IT DOES NOT MEET ALL REQUIREMENTS OF G.S. 47-30.
  - THE UNDERGROUND UTILITIES SHOWN ON THIS SURVEY ARE LOCATED FROM FIELD SURVEY INFORMATION, AND EXISTING AS-BUILT DRAWINGS. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH THE SURVEYOR DOES CERTIFY THAT THE UTILITIES ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.
  - FOR REFERENCE SEE DEED BOOK 1891 PAGE 087
  - THIS TRACT IS NOT LOCATED IN A SPECIAL FLOOD HAZARD AREA
  - VERTICAL DATUM NAVD 88
  - 1.45 ACRES TOTAL AREA

SOUTH COLLEGE ROAD  
200 FT. PUBLIC RIGHT OF WAY

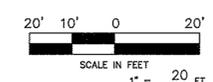


**FINAL DESIGN NOT RELEASED FOR CONSTRUCTION**

ZONED: O&I-1  
ADDRESS: 520 S College Road  
DEVELOPER: Bojangles Restaurants, Inc. 9432 Southern Pines Blvd. Charlotte, NC 27273 704-940-8669  
PARCEL ID: R05507-002-069-000  
OWNER: Cajun Properties Inc. 9432 Southern Pines Blvd. Charlotte, NC 28273 704-940-8669

NOTE WELL: THIS STAGING PLAN IS INTENDED AS AN AID FOR THE CONTRACTOR IN COORDINATING ACCESS TO EXISTING FACILITIES. NOTHING IN THIS PLAN IS INTENDED TO RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITIES TO COMPLY WITH FEDERAL, STATE, OR CITY REQUIREMENTS AND STANDARDS.

- LEGEND
- CO - CLEAN OUT
  - P/P - POWER POLE
  - INV. - INVERT
  - BFP - BACK FLOW PREVENTER
  - WM - WATER METER
  - CO - CLEAN OUT
  - O/H - OVERHEAD
  - U/G - UNDERGROUND
  - \* - FENCE



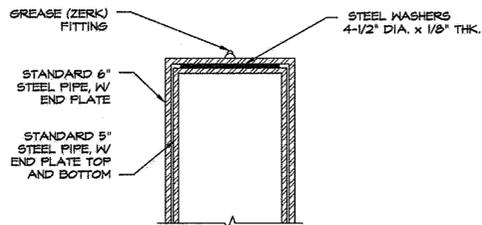
REV. NO.	MAJOR REVISION TO DRIVEWAY & DOT R/W	DATE
1		8-07-15

Construction Staging and Demolition Plan & Tree Removal Plan  
**BOJANGLES'**  
520 South College Road  
LOCATED IN CITY OF WILMINGTON SMITHVILLE TOWNSHIP NEW HANOVER COUNTY, NORTH CAROLINA

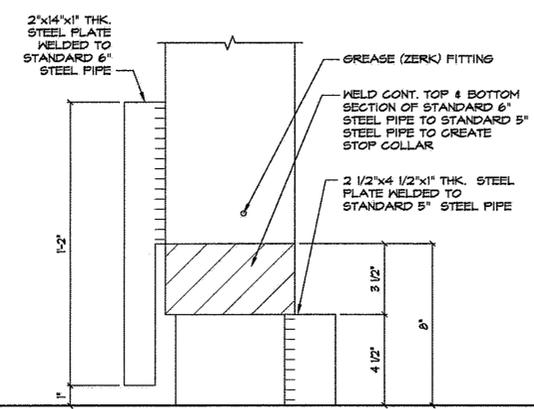
DEVELOPER: BOJANGLES' RESTAURANTS INC. 9432 SOUTHERN PINES BLVD. CHARLOTTE, NC 28273 phone: 704-940-8669

HANOVER DESIGN SERVICES, P.A.  
LAND SURVEYORS, ENGINEERS & LAND PLANNERS  
1123 FLORAL PARKWAY WILMINGTON, N.C. 28403 PHONE: (910) 343-8002 LICENSE # C-9997

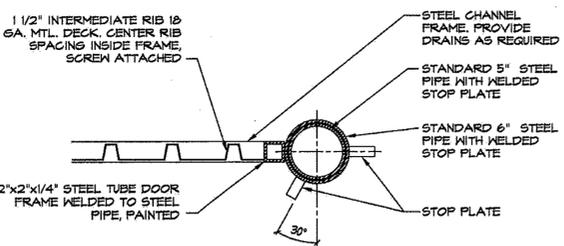
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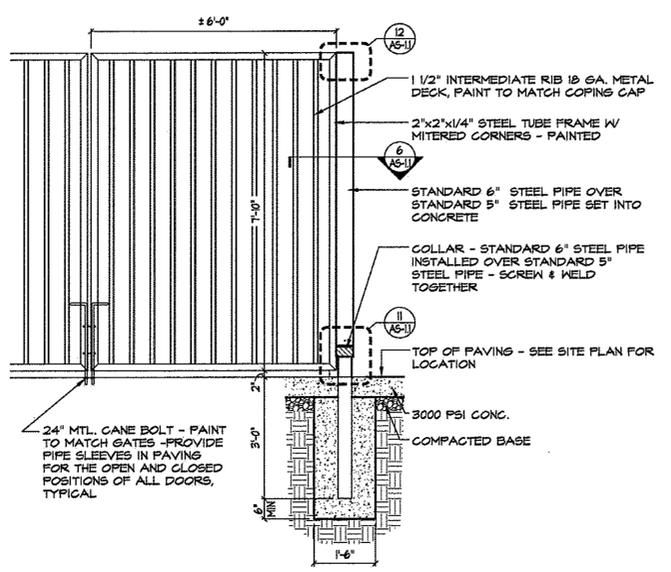
12 GATE DETAIL SCALE: 1 1/2"=1'-0"



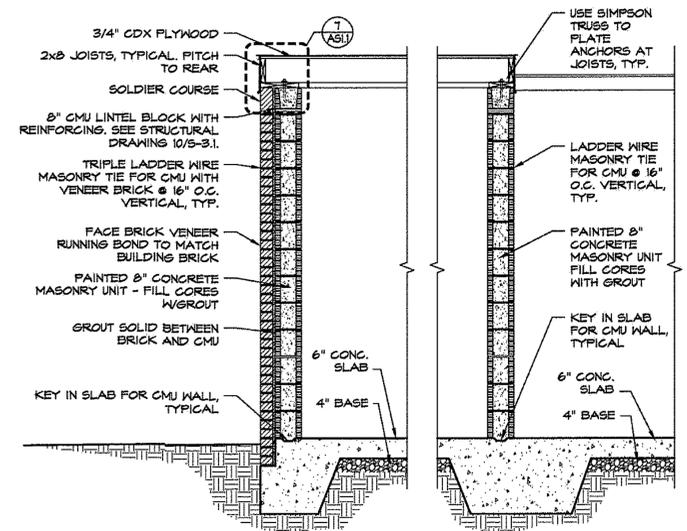
11 GATE DETAIL SCALE: 1 1/2"=1'-0"



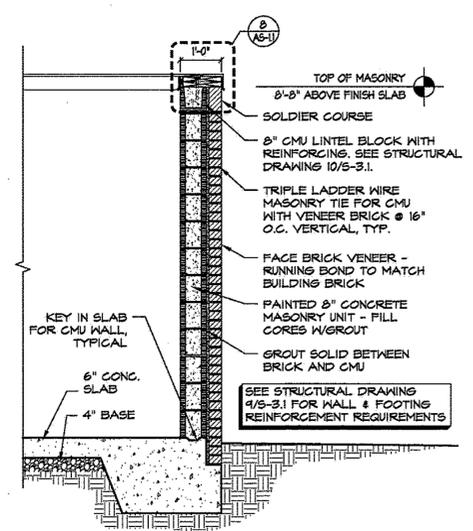
6 GATE DETAIL SCALE: 1 1/2"=1'-0"



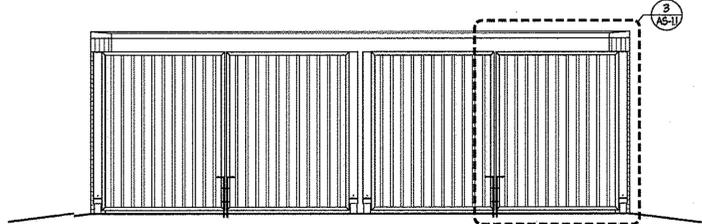
3 GATE ELEVATION DETAIL SCALE: 1/2"=1'-0"



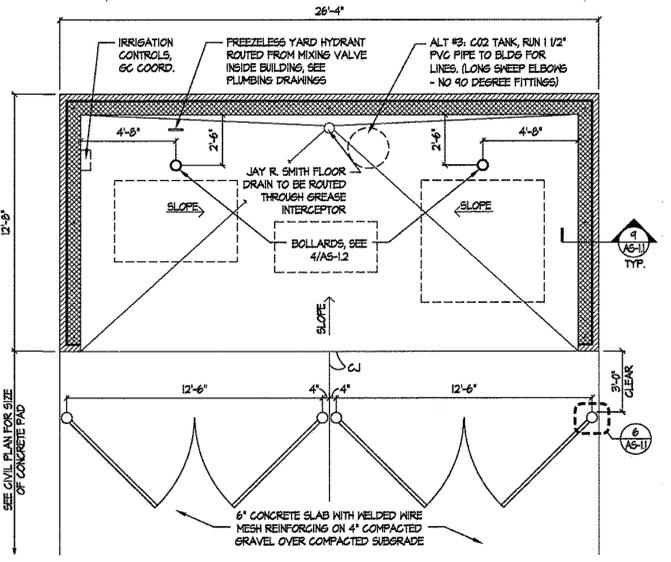
10 WASTE ENCLOSURE SECTION SCALE: 1/2"=1'-0"



9 WASTE ENCLOSURE WALL SECTION SCALE: 1/2"=1'-0"



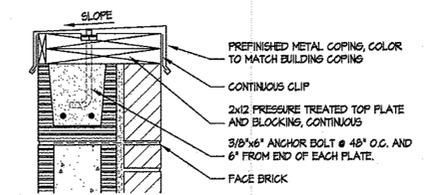
5 ALTERNATE #2 WASTE ENCLOSURE ELEVATION SCALE: 1/4"=1'-0"



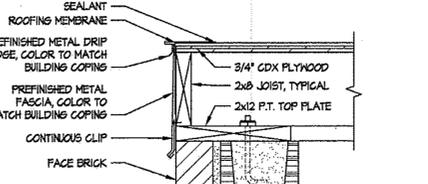
2 ALTERNATE #2 WASTE ENCLOSURE PLAN SCALE: 1/4"=1'-0"

THE ARCHITECT/ENGINEER DOES NOT DEFINE THE SCOPE OF INDIVIDUAL TRADES, SUBCONTRACTORS, MATERIAL SUPPLIERS, OR VENDORS. ANY SHEET NUMBERING SYSTEM USED WHICH IDENTIFIES DISCIPLINES IS SOLELY TO SEPARATE ARCHITECTS AND ENGINEER'S SCOPE. IT DOES NOT DEFINE A SUBCONTRACTOR'S SCOPE OF WORK. NO CONSIDERATION WILL BE GIVEN TO REQUESTS FOR CHANGE ORDERS FOR FAILURE TO OBTAIN AND REVIEW THE COMPLETE SET OF DRAWINGS AND SPECIFICATIONS.

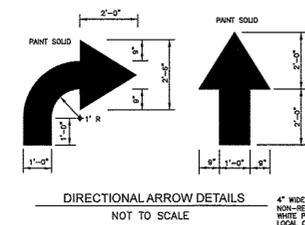
- PLAN NOTES: 1. ALL STEEL TO BE WELDED AND GROUND SMOOTH. 2. GATES AND ALL STEEL COMPONENTS ARE TO BE PRIMED AND PAINTED TO MATCH BRONZE COLORED MASONRY COPING CAP. 3. STANDARD SIZE 6" STEEL PIPE IS 6.325" O.D. THICKNESS OF 0.28". 4. STANDARD SIZE 5" STEEL PIPE IS 5.563" O.D. THICKNESS OF 0.250".



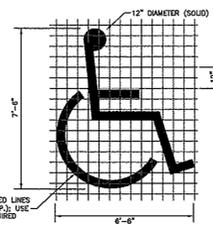
8 SECTION DETAIL SCALE: 1 1/2"=1'-0"



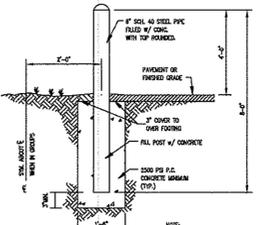
7 SECTION DETAIL SCALE: 1 1/2"=1'-0"



DIRECTIONAL ARROW DETAILS NOT TO SCALE



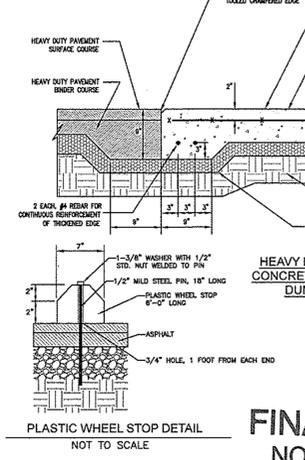
HANDICAP SYMBOL DETAIL NOT TO SCALE



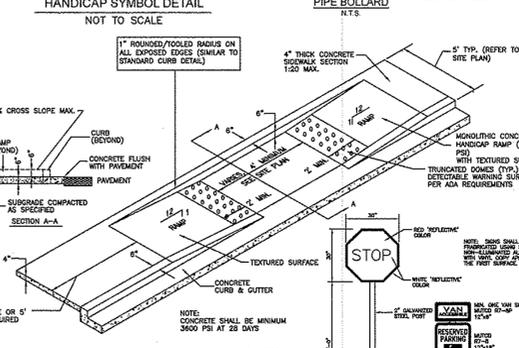
PIPE BOLLARD DETAILS

DRIVE THRU

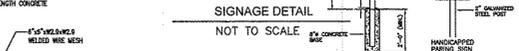
DRIVE-THRU GRAPHICS DETAIL NOT TO SCALE



PLASTIC WHEEL STOP DETAIL NOT TO SCALE



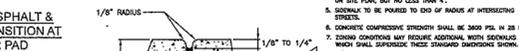
SIDEWALK HANDICAP RAMP DETAIL NOT TO SCALE



SIGNAGE DETAIL NOT TO SCALE



GROOVE JOINT IN SIDEWALK



TRANSVERSE EXPANSION JOINT IN SIDEWALK



DETAILS SHOWING EXPANSION JOINTS IN CONCRETE SIDEWALK

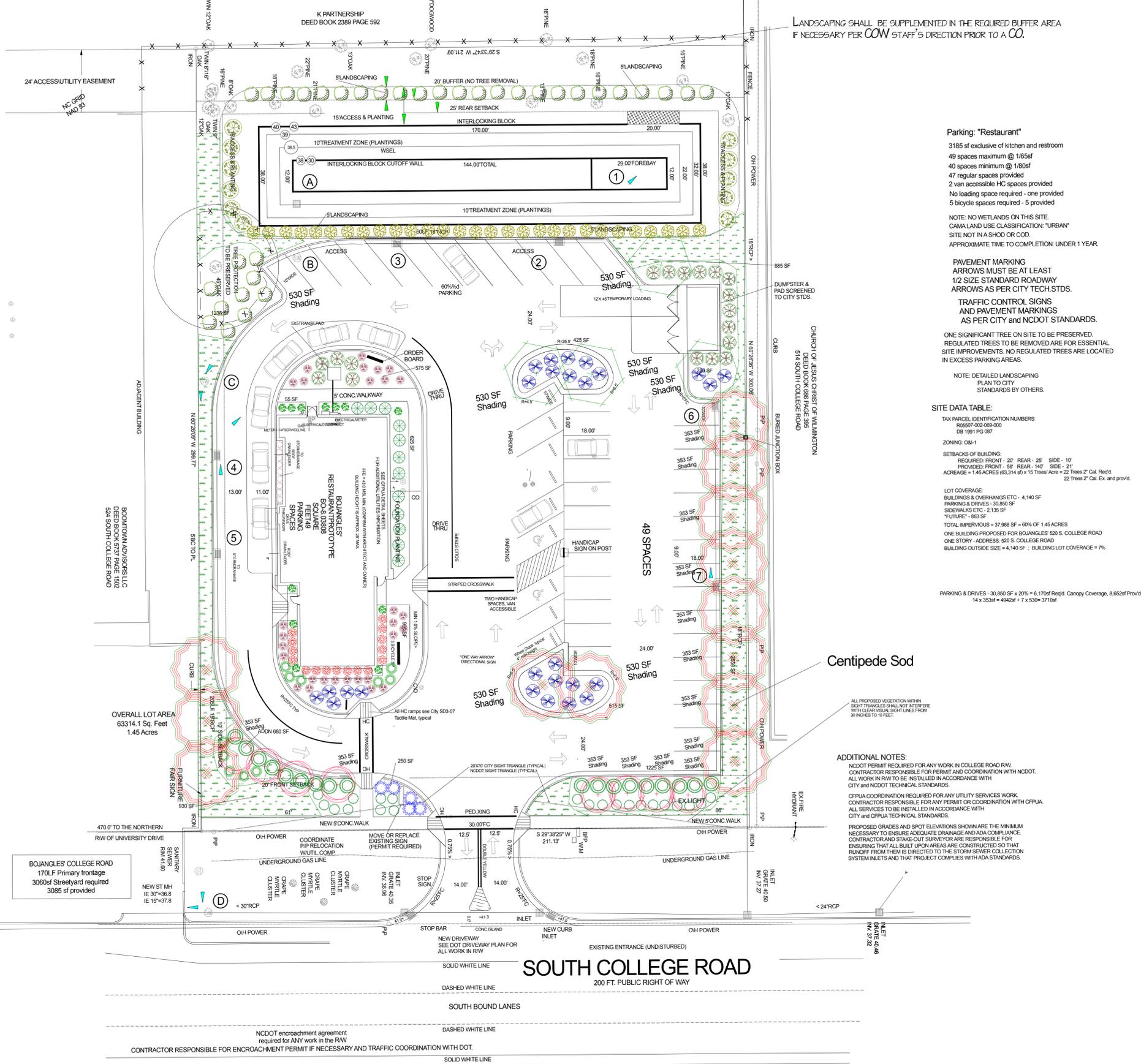
FINAL DESIGN NOT RELEASED FOR CONSTRUCTION

ESD ARCHITECTURE & INTERIOR DESIGN 1300 South Mint Street, Suite 300, Charlotte, NC 28203 Email: esd@esdarch.com Phone: 704-373-1900

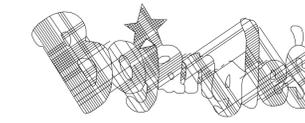
FAMOUS Bojangles chicken 'n biscuits

BOJANGLES' RESTAURANTS, INC. PROTOTYPE PLAN 8

ISSUE DATE: 10-20-10 REVISION 1: 5-08-14 PROJECT #: CONTENT: SITE DETAILS PROJECT ARCHITECT: ECE DRAWN BY: CEG CADD FILE NAME: P:\10-000CD\AS01-1 SITE DETAILS SHEET AS-1.1 SHEET 1 of 1



LANDSCAPING SHALL BE SUPPLEMENTED IN THE REQUIRED BUFFER AREA IF NECESSARY PER COW STAFF'S DIRECTION PRIOR TO A CO.



LANDSCAPING SHALL BE COMPLETE BEFORE ISSUANCE OF A CO.  
 A rain/freeze sensor shall be used if there is an irrigation system.  
 USING THE CREATIVE STANDARD OF THE CODE 50% OF THE STREETYARDS SHALL BE PLANTED AS CALLED OUT.

**Parking: "Restaurant"**  
 3185 sf exclusive of kitchen and restroom  
 49 spaces maximum @ 1/65sf  
 40 spaces minimum @ 1/80sf  
 47 regular spaces provided  
 2 van accessible HC spaces provided  
 No loading space required - one provided  
 5 bicycle spaces required - 5 provided

NOTE: NO WETLANDS ON THIS SITE.  
 CAMALAND USE CLASSIFICATION: "URBAN"  
 SITE NOT IN A SHOD OR COD.  
 APPROXIMATE TIME TO COMPLETION: UNDER 1 YEAR.

PAVEMENT MARKING  
 ARROWS MUST BE AT LEAST 1/2 SIZE STANDARD ROADWAY ARROWS AS PER CITY TECH STDS.

TRAFFIC CONTROL SIGNS AND PAVEMENT MARKINGS AS PER CITY and NCDOT STANDARDS.

ONE SIGNIFICANT TREE ON SITE TO BE PRESERVED. REGULATED TREES TO BE REMOVED ARE FOR ESSENTIAL SITE IMPROVEMENTS. NO REGULATED TREES ARE LOCATED IN EXCESS PARKING AREAS.

NOTE: DETAILED LANDSCAPING PLAN TO CITY STANDARDS BY OTHERS.

**SITE DATA TABLE:**

TAX PARCEL IDENTIFICATION NUMBERS  
 R0597-002-069-000  
 DB 1991 PG 087

ZONING: O&I-1

SETBACKS OF BUILDING:  
 REQUIRED FRONT - 20' REAR - 25' SIDE - 10'  
 PROVIDED FRONT - 50' REAR - 140' SIDE - 21'  
 ACREAGE = 1.45 ACRES (63,314 sf) x 15 Trees/Acre = 22 Trees 2" Cal. Req'd.  
 22 Trees 2" Cal. Ex. and prov'd.

LOT COVERAGE:  
 BUILDINGS & OVERHANGS ETC. - 4,140 SF  
 PARKING & DRIVES - 30,850 SF  
 SIDEWALKS ETC. - 2,135 SF  
 "FUTURE" - 865 SF

TOTAL IMPERVIOUS = 37,988 SF = 60% OF 1.45 ACRES  
 ONE BUILDING PROPOSED FOR BOJANGLES' 520 S. COLLEGE ROAD  
 ONE STORY - ADDRESS: 520 S. COLLEGE ROAD  
 BUILDING OUTSIDE SIZE = 4,140 SF ; BUILDING LOT COVERAGE = 7%

PARKING & DRIVES - 30,850 SF x 20% = 6,170sf Req'd. Canopy Coverage, 8,652sf Prov'd.  
 14 x 353sf = 4942sf + 7 x 530 = 3710sf

Legend			
Common Name	Size	Qty	
Allee Elm	2.5" Cal., 10'ht.	4	
Boxwood Hedge, Wintergreen	3 Gal.	16	12"Ht.
Pittosporum Compacta	3 Gal.	12	12"Ht.
Camellia Sasanqua Yuletide	3 Gal.	11	12"Ht.
Crape Myrtle Tuscarora	2.5" Cal., 8'ht.	8	
Azalea Formosa	3 Gal.	34	18"Ht.
Japanese Yew	7 Gal.	29	36"Ht.
Juniper Parsoni	3 Gal.	34	12"Ht.
Ligustrum, Variegated	7 Gal.	13	33"Ht.
Nandina Gulfstream	3 Gal.	9	18"Ht.
European Hornbeam	3" Cal., 10'ht.	13	
Drift Rose	3 Gal.	5	Groundcover
Breeze Grass	3 Gal.	29	12"Ht.
Knockout Rose, Dbl. Red	3 Gal.	11	18"Ht.
Dwarf Yaupon Holly	3 Gal.	21	12"Ht.
Wax Myrtle	3 Gal.	11	30"Ht.
Needlepoint Holly	7 Gal.	18	36"Ht.

S. College Rd. Primary Streetyard:	per Creative Code:	Provided:
2111f - 251f Drwy. = 186 x 18'w = 3348sf Req'd. landscape	1674sf	
3 understory trees per 600sf = 17 trees	9	9
6 shrubs per 600sf = 33 shrubs	17	43

Centipede Sod SY 585  
 Brown-Dyed Mulch CY 70  
 Wetlands Plants, 6 rows, 2'oc, 3 varieties 4" pot 1089  
 Quantities listed are for convenience only. Landscape Contractor responsible for actual quantities.

The areas within the triangular sight distance shall be maintained free of all obstructions between 30" and 10'.

Prior to any clearing, grading or construction activity, tree protection fencing will be installed around protected trees or groves of trees. No construction workers, tools, materials or vehicles are permitted within the tree protection fencing.

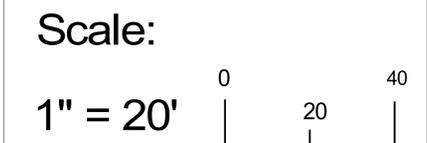
Date Drawn: 3-30-15  
 Revision #1 8-12-15  
 Revision #2  
 Revision #3

All planted and retained living material required to meet the provisions of the City of Wilmington Land Development Code, shall be perpetually protected and maintained to professionally accepted standards by joint and several responsibility of the owner, tenant and respective agents of the property on which the material is located.

**PRELIMINARY PLAN**  
 NOT FOR RECORDATION OR CONVEYANCE



Revision #: 1



Landscape Plan:  
**Bojangles**

Landscape Design by: James Freeman - NCLC# 71  
**Freeman Landscape, Inc.**

Date: 8/12/2015