

BLUESTONE APARTMENTS SR-18-2015



0 300 600 Feet

Zoning: **CX-5-PL-CU**
CAC: **Northeast**
Drainage Basin: **Perry Creek**
Acreage: **3.54**
Square Feet: **92,904**

Planner: **Justin Rametta**
Phone: **(919) 996-2665**
Applicant: **Sambrick**
Commercial Realty
Phone: **(919) 602-0678**





Administrative Action

Administrative Site Review

City of Raleigh
Development Plans Review Center
One Exchange Plaza
Raleigh, NC 27602
(919) 996-2626
www.raleighnc.gov

Case File / Name: SR-18-15 / Bluestone Apartments

General Location: This site is located on the west side of Fox Road, between Old Wake Forest Road and Sumner Boulevard.

CAC: Northeast

Request: Development of two tracts totaling 3.69 acres zoned CX-5-PL-CU into three apartment buildings, each three stories tall. There are 78 total proposed dwelling units within cumulative building space of 92,904 sq. ft.

Cross-Reference: Transaction # 447080, Z-10-14



SR-18-15 Location Map

Code Conformance:		Code Section(s)
Zoning District:	CX-5-PL-CU. Conditions from case Z-10-14: The following uses shall be prohibited: dormitory, fraternity, sorority; emergency shelter - all types; adult establishment; passenger terminal - all types; telecommunication tower - all types; vehicle sales/rental - all types; detention center, jail, prison; light manufacturing - all types; self-service storage - all types; bar, nightclub, tavern, lounge; pawnshop; vehicular fuel sales.	3.1 , 3.4
Overlay District:	NA	5.1
Parking:	149 vehicle spaces are required and provided; 4 bicycle spaces required, 12 provided.	7.1.2
Street Type(s):	Fox Road is an Avenue 2-Lane, divided. No new streets are proposed.	8.4
Streetscape:	Sidewalk and tree lawn (to be constructed).	8.5
Setbacks/Frontage:	Front: 10'/30' build-to, side: 0', rear: 0'	3.4 , 3.2 , 2.2
Neighborhood Transitions:	Required neighborhood transition to the south adjacent to R-1 zoned property being met with Tree Conservation area.	3.5
Transitional Protective Yards:	N/A	7.2.4
Stormwater:	Underground detention and bioretention devices to be used to comply with water quality requirements.	9.2
Tree Conservation:	This site is providing .3526 acres or 10.1% of tree conservation area in accordance with Article 9.1.	9.1
Variances, Design Adjustments, Administrative Alternates:	A Design Adjustment has been approved by the Public Works Director for relief from the Block Perimeter requirements of Section 8.3.2.	
Other:	Private sewer collection system will require construction drawing approval.	

OFFICIAL ACTION: Approval with conditions

**CONDITIONS OF
APPROVAL:**

Prior to issuance of a mass land disturbing permit for the site:

1. That in accordance with Part 10A Section 9.4.4, a surety equal to the cost of clearing, grubbing and reseeding a site, shall be paid to the city;
2. That a final tree conservation plan with permit be approved by the Forestry Specialist. The plan must show metes and bounds descriptions of all tree conservation areas, and tree protection fence around all tree conservation areas. Tree protection fence must be located in the field and inspected by the Forestry Specialist;

Prior to the issuance of any site permits, infrastructure construction plans or concurrent review process, whichever is applicable:

3. That a stormwater control plan with a stormwater operations and maintenance manual and budget shall be approved by the Stormwater Engineer in compliance with Part 10A Chapter 9 of the Unified Development Ordinance;
4. That a nitrogen offset payment must be made to a qualifying mitigation bank;

Prior to issuance of building permits:

5. That in accordance with Part 10A Section 9.2.2, a surety equal to 125% of the cost of the construction of a stormwater device is paid to the Public Works Department;
6. That a recombination plat be recorded, recombining the existing lots into a single tract
7. That ½ of the required right of way for Fox Road is dedicated to the City of Raleigh and a copy of the recorded plat be provided to the City prior to building permit issuance;
8. That a tree conservation map be recorded with metes and bounds showing the designated Tree Conservation Areas and shall be in compliance with Chapter 9 of the Unified Development Ordinance;
9. That in accordance with Part 10A Section 8.1.3, a surety equal to 125% of the cost of development related improvements, including streetscape trees on Fox Road is paid to the City;
10. That the developer shall pay to the City a stormwater facility replacement fund payment equal to twenty-four percent (24%) of the estimated cost of constructing all stormwater control facilities shown on the development plans;
11. That demolition permits be issued for the existing structures on site;
12. That Infrastructure Construction Plans are approved by the City of Raleigh;
13. That an offer of cross access with the lot owned by Redus NC ALL LLC identified by PIN 1727808635 be recorded in the Wake County Registry, and that a copy of the recorded offer of cross access easement be returned to the Planning Department prior to building permit issuance;

Prior to issuance of building occupancy permit:

14. That in accordance with Part 10A Section 9.2.2, an impervious surface as-built survey shall be reviewed and accepted by the City prior to final stormwater inspection approval;

I hereby certify this administrative decision.

Signed:

(Planning Dir.) *Kenneth Bowen (K. Bowen)* Date: 6-6-16

Staff Coordinator:

Justin Rametta

SEE LAST PAGE FOR IMPORTANT INFORMATION ON THE NEXT STEP IN THE PROCESS.

FINDINGS:

City Administration finds that this request, with the above conditions being met, conforms to the Unified Development Ordinance. This approval is based on a preliminary plan dated 4/27/16, submitted by Triangle Site Design.

EXPIRATION DATES: **The expiration provisions of UDO Section 10.2.8 E, including the ability to request extensions in the expiration date, apply to this site plan.** If significant construction has not taken place on a project after administrative site review approval, that approval may expire and be declared void, requiring re-approval before permits may be issued. To avoid allowing this plan approval to expire the following must take place by the following dates:

3-Year Expiration Date: 6-6-2019

Obtain a valid building permit for the total area of the project, or a phase of the project.

4-Year Completion Date:

Within four years after issuance of the first building permit for the site plan, the construction of the entire site plan must be completed unless an applicant has been granted vested rights. Failure to complete construction within this specified time frame shall automatically void the approved site plan for which no building permits have been issued.

WHAT NEXT?:

- MEET ALL CONDITIONS OF APPROVAL.
- COMPLETE INFRASTRUCTURE CONSTRUCTION DRAWINGS FOR ANY PUBLIC IMPROVEMENTS Streets, Utility lines to be owned and maintained by the City.

- HAVE A REGISTERED SURVEYOR PREPARE FINAL PLATS FOR RECORDING. These also must be submitted to the City for authorization signature prior to recording with the Wake County Register of Deeds.
- MEET THE REQUIREMENTS OF THE EXPIRATION THRESHOLDS AS NOTED ABOVE.

Public Works Design Adjustment – Staff Response



Per Section 10.2.18.C of the Unified Development Ordinance, the Public Works Director may consult with the heads of other City departments regarding the review of the request. The Public Works Director may approve, approve with conditions or deny the request, but must do so within 60 days of the receipt of a completed application. Additional time may be necessary if a municipal or state entity is incorporated in the review process or if a detailed engineering study is submitted in conjunction with the request.

Project	Project Name	Bluestone Apartments	Date Completed Application Received	5/27/2016
	Case Number	SR-18-2015	Transaction Number	447080
Staff Response/Recommendation	Staff supports the request for not meeting block perimeter due to existing developed property surrounding this parcel and making a street connection infeasible.			
	Staff Member	Daniel G. King, PE	Support Request	<input checked="" type="checkbox"/>
		Does Not Support	<input type="checkbox"/>	

Public Works Director's Action:

Approve Approval with Conditions Deny

Richard L. Kelly
 Richard L. Kelly, Interim Public Works Director 6/8/16
 Date

*The Public Works Director may also authorize a designee to sign in his stead. Please print name and title next to signature.

Conditions for Approval	
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Appeal of the decision from the Public Works Director shall be made in writing within 30 days to the Board of Adjustment (see Section 10.2.18.C3b).

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CONSULTANT
 TRIANGLE SITE DESIGN, PLLC
 4008 BARRETT DR, STE 203
 RALEIGH, NC 27609
 (919) 554-5270
 LICENSE # 0819

**PRELIMINARY
 DO NOT USE FOR
 CONSTRUCTION**

OWNER/DEVELOPER
 SAMBROOK COMPANIES
 15 FOX ROAD, LLC
 ATRIL DANE SAMBROOK
 4304 WINDY HILL DRIVE
 RALEIGH, NC 27609
 PHONE: (919) 862-0678
 FAX: (919) 872-5584
 Email: dsambro@trianglesitedesign.com

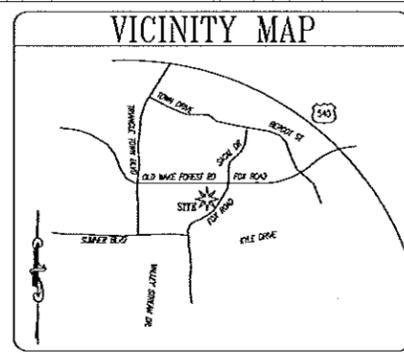
**Bluestone Apartments
 (SR-18-15)
 Fox Road
 Raleigh, NC
 Wake County**

REV.	DATE	DESCRIPTION
1	10/15/15	ISSUED PER CITY OF RALEIGH - MOISTURE REPORT
2	11/10/15	ISSUED PER CITY OF RALEIGH - MOISTURE REPORT
3	11/10/15	ISSUED PER CITY OF RALEIGH - MOISTURE REPORT

Drawn: [Blank]
 Checked: [Blank]
 Approved: [Blank]
 Project No: 018004
 Date: September 15, 2015
 Title: [Blank]

SITE PLAN

Sheet No: **C1.0**



CONSTRUCTION DRAWING NOTE
 1. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH ALL CITY OF RALEIGH AND/OR MOIST STANDARDS AND SPECIFICATIONS

PUBLIC WORKS NOTES:
 1. ALL STREET WORK ON THESE PLANS SHALL HAVE THE FULL WIDTH OF THE HOT-TO-BAY CLEARANCE AND SHALL BE TO THE FULL WIDTH OF ALL STREET INTERSECTIONS. THE FULL WIDTH OF THE HOT-TO-BAY SHALL BE CLEAR AND OPEN TO ALL TRAFFIC, INCLUDING BICYCLES AND PEDESTRIANS.
 2. A SECURITY OF COST OF ALL PUBLIC IMPROVEMENTS WILL BE REQUIRED TO BE PAID PRIOR TO ANY AND RECOGNITION OF BUILDING PERMITS, PRELIMINARY EASEMENTS.

BULK AREA REQUIREMENTS		
LOCATION:	FOX ROAD, RALEIGH, NORTH CAROLINA	
ZONE:	CX-5-PL-CU (ENDING CASE 2-10-2014)	
USE:	MULTI-FAMILY APARTMENTS (27-1 BEDROOM APARTMENTS & 30-2 BEDROOM APARTMENTS & 12-3 BEDROOM APARTMENTS (78 UNITS TOTAL))	
PNL NO.:	172785111 & 172785333	
ITEM	REQUIREMENTS	PROVIDED
MINIMUM LOT AREA	10,000 SF	154,891 SF GROSS (3.64 AC) 124,845 SF NET (2.85 AC)
MINIMUM RETAIL USE SIZE	N/A	N/A
MINIMUM BUILDING LOT COVERAGE	N/A	21.7% (33,000 SF / 152,845 SF)
MINIMUM FRONT SETBACK	5 FT (FOX ROAD)	15 FT
MINIMUM SIDE SETBACK	5 FT	> 20 FT
MINIMUM REAR SETBACK	0 FT OR 5 FT	> 20 FT
PRIMARY STREET BUILD-TO (MIN/MAX)	0/100%	10 FT
BUILDING WIDTH IN PRIMARY BUILD-TO (MIN)	30 FT	52 FT
MINIMUM BUILDING HEIGHT	5 OCCUPIED STORES	3 STORES
GROUND FLOOR ELEVATION (MIN)	2 FT	> 2 FT
PARKING SETBACK	9 FT - 10 FT AVERAGE WIDTH	17 FT
WATERSHED	RELEASE RIVER	
REFERENCE IS MADE TO THE CITY OF RALEIGH ZONING ORDINANCE		

AMENITY AREA CALCULATION:
 TOTAL AREA: 154,891 SQ FT
 AMENITY AREA REQUIREMENTS: 1% OF GROSS (1,549 SQ FT)
 PROVIDED: 1,549 SQ FT

DENSITY CALCULATION:		
78 UNITS ON 3.64 ACRES = 21 UNITS PER ACRE		
PARKING INFORMATION		
ITEM	REQUIREMENTS	PROVIDED
BUILDING SIZE	N/A	27 1-BR UNITS 30 2-BR UNITS 12 3-BR UNITS 78 TOTAL UNITS
PARKING REQUIRED	1 SPACE PER 1-BR UNIT = 27 2 SPACE PER 2-BR UNIT = 60 3 SPACE PER 3-BR UNIT = 36 TOTAL SPACES REQUIRED = 123	143 SPACES
MIN. PARKING DIM.	8.5 FT x 15 FT	5.5 FT x 18 FT
MIN. DRIVEWAY WIDTH	22 FT	22 FT
HANDICAP SPACES	5	5
LOADING SPACE	N/A	N/A
BICYCLE SPACE	12	12

OPEN SPACE CALCULATION:
 TOTAL AREA: 154,891 SQ FT
 MIN. OPEN SPACE: 2.0% (3,098 SQ FT)
 PROVIDED: 3,098 SQ FT

GENERAL NOTES:
 1. THE CONTRACTOR SHALL VERIFY ALL MEASUREMENTS, BOUNDARIES, EASEMENTS, UTILITIES, ETC. FOR ACCURACY AND PRECISION OF SURVEY AS REQUIRED BY CITY OF RALEIGH AND THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION. REFER TO THE SURVEY OR SURVEY CONTROL DATA SHEET, SURVEY REPORT, FOR DETAILS OF SURVEY CONTROL DATA AND BOUNDARIES.
 2. THE CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES, EASEMENTS AND PROPERTY OWNERS RIGHTS.
 3. UTILITIES OF THESE PLANS IS NOT AN AUTHORITY TO OTHER AGENCY PREPARED. WITH FIELD CONDITIONS VARYING OFF-SITE, PERMISSION MUST BE OBTAINED FROM THE AFFECTED PROPERTY OWNERS.
 4. COORDINATE ALL CURBS AND STREET GRATES IN ACCORDANCE WITH SPECIFICATIONS.
 5. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION "STANDARD DETAILS AND SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" AND APPLICABLE CITY OF RALEIGH CODES AND ORDINANCES. THE CONTRACTOR SHALL MAINTAIN A CURRENT EDITION OF THE CITY OF RALEIGH CODES, ORDINANCES, STANDARD SPECIFICATIONS AND STANDARD DETAILS ON THE PROJECT SITE FOR REFERENCE DURING CONSTRUCTION OF THE PROJECT.
 6. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FIELD DIMENSIONS AND SHALL VERIFY ANY DIMENSIONS BETWEEN THE PLANS AND ACTUAL FIELD CONDITIONS. THE OWNER OR OWNER'S REPRESENTATIVE SHALL VERIFY THE DIMENSIONS SHALL NOT FOR INSTRUCTION PRIOR TO PROCEEDING WITH WORK.
 7. THE CONTRACTOR SHALL PROTECT EXISTING TREES FROM PROPOSED FEATURES TO EXISTING FEATURES AS NECESSARY.
 8. THE CONTRACTOR SHALL SEAL THE SIZE OF EXISTING ASPHALT PAVEMENT WITH TACK COAT IN ACCORDANCE WITH THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS BEFORE NEW PAVEMENT JOINTS.
 9. THE CONTRACTOR SHALL RETAIN, REPAIR, RECONSTRUCT OR REPAIR ANY AREAS DAMAGED DURING CONSTRUCTION BY THE CONTRACTOR, ITS SUBCONTRACTORS OR SUPPLIERS AT NO ADDITIONAL COST TO THE OWNER.
 10. ALL PAVEMENT JOINTS SHALL BE SEALED PRIOR TO FINISH TO PROVIDE A DURABLE AND UNIFORM JOINT.
 11. OPERATOR SHALL FILL TO OPERATIONAL PLANS FOR EXISTING UTILITIES AND DIMENSIONS OF EXISTING UTILITIES, EXISTING DOORS, WINDOWS, EXISTING BUILDING DIMENSIONS, AND EXISTING BUILDING UTILITY DIMENSIONS.
 12. ALL PAINT SHALL BE APPLIED TO EXISTING SURFACES AND SHALL CONFORM TO THE "STANDARD ON HIGHWAY TRAFFIC CONTROL DEVICES" OR AS OTHERWISE SPECIFIED. ALL MATERIALS FOR SIGNAGE AND TRAFFIC CONTROL DEVICES SHALL BE MAINTAINED ON SCHEDULED POSTS AND IN ACCORDANCE WITH THE CITY OF RALEIGH SPECIFICATIONS.
 13. OPERATOR SHALL INSTALL ACCESSIBLE RAMP FOR LOCAL MUNICIPALITY AND ADA COMPLIANCE AT ALL DRIVE AND BUILDING ENTRANCES AS REQUIRED.
 14. THE CONTRACTOR IS RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES DURING CONSTRUCTION. UTILITIES ARE SHOWN ON THESE PLANS AND ANY ADDITIONAL UTILITIES SHALL BE DISCOVERED DURING CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT FOR PROPER COORDINATION OF EXISTING UTILITIES WITHIN THE PROJECT SITE.
 15. NO ACCESS RAMP SHALL BE PROVIDED IN ACCORDANCE WITH RALEIGH STANDARD DRAWING STD 202.01.
 16. ALL PAINTING SHALL BE IN ACCORDANCE WITH THE RALEIGH STANDARD DRAWING STD 202.01.
 17. ALL MATERIALS MUST BE ACCESSIBLE TO PERSONS WHO ARE BLIND, USE THE LOW VISION AND PEOPLE WITH MOBILITY IMPAIRMENTS. PERFORMING EXISTING CURBS AND SIDEWALKS TO BE MAINTAINED THROUGHOUT CONSTRUCTION SHALL BE COMPLETED WITH THE PUBLIC DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR ACCESSIBLE DESIGN AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).

IMPERVIOUS AREA SUMMARY		
SITE AREA = 154,891 SF (3.54 AC) (AFTER R/W DEDUCTION)		
BUILDINGS	33,000 SF	0.76 AC (21.7% OF TOTAL AREA)
PAVEMENT	49,270 SF	1.13 AC (32.4% OF TOTAL AREA)
SIDEWALK	7,240 SF	0.17 AC (4.7% OF TOTAL AREA)
TOTAL IMPERVIOUS AREA	89,510 SF	2.06 AC (58.7% OF TOTAL AREA)
GREEN/OPEN SPACE	65,381 SF	1.44 AC (41.3% OF TOTAL AREA)
EXISTING IMPERVIOUS AREA: 3,485 SF (0.08 AC) (2.3% OF TOTAL AREA)		
PUBLIC ROAD RIGHT-OF-WAY IMPERVIOUS AREA OF IMPROVEMENTS = 22,700 SF (0.52 AC)		
PAVEMENT - FOX ROAD	4,545 SF	0.11 AC (22.4% OF TOTAL AREA)
SIDEWALK - FOX ROAD	3,255 SF	0.07 AC (14.8% OF TOTAL AREA)
TOTAL IMPERVIOUS AREA	8,240 SF	0.19 AC (5.7% OF TOTAL AREA)
GREEN/OPEN SPACE	13,945 SF	0.32 AC (21.9% OF TOTAL AREA)
TOTAL AREA OF IMPROVEMENTS (ON-SITE & R/W) = 171,855 SF (3.9 AC)		
BUILDING	33,000 SF	0.76 AC (18.9% OF TOTAL AREA)
PAVEMENT	54,255 SF	1.25 AC (31.0% OF TOTAL AREA)
SIDEWALK	10,490 SF	0.24 AC (6.0% OF TOTAL AREA)
TOTAL IMPERVIOUS AREA	97,745 SF	2.25 AC (59.9% OF TOTAL AREA)
GREEN/OPEN SPACE	71,071 SF	1.77 AC (44.1% OF TOTAL AREA)

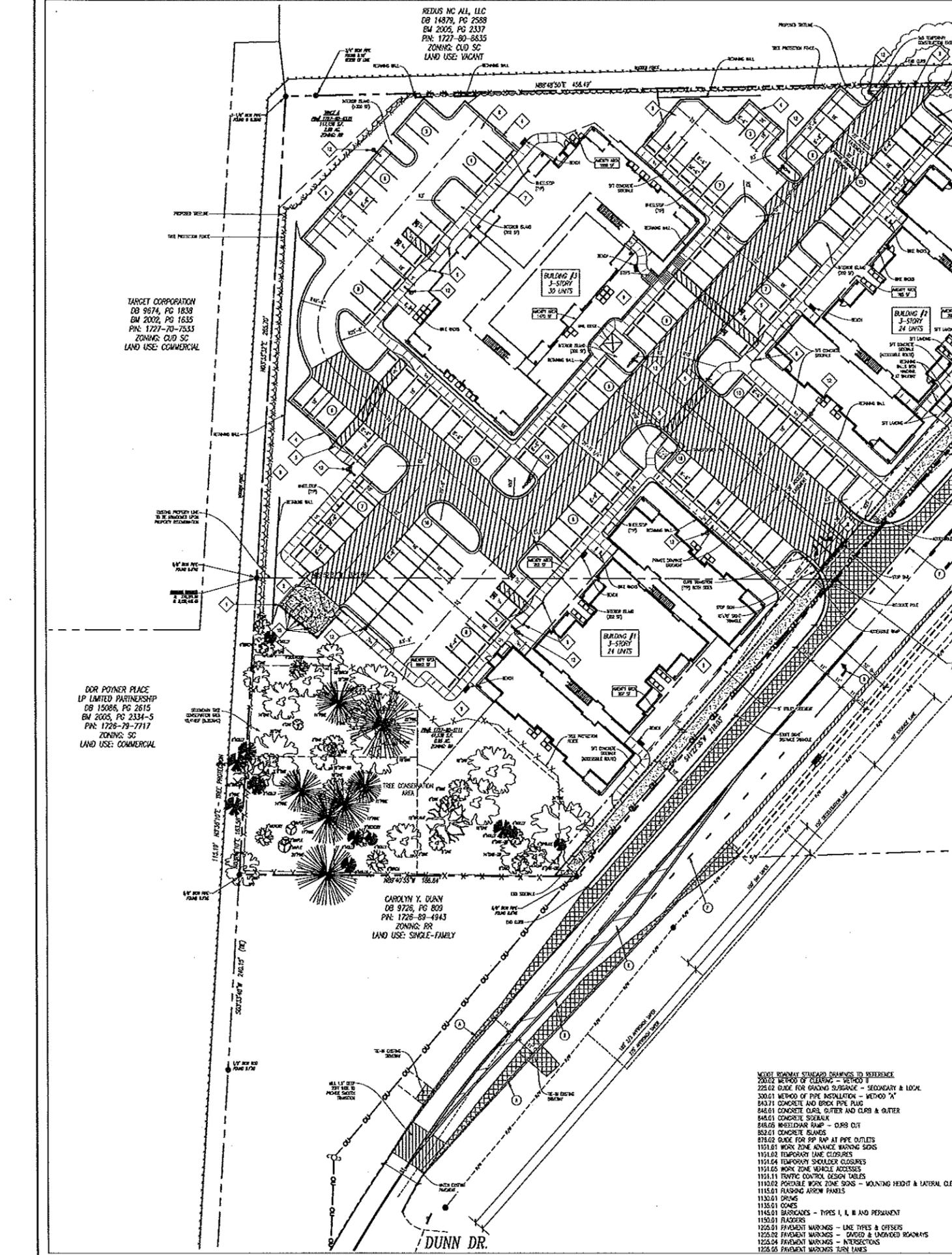
SIGN LEGEND	
LEGEND	QTY.
	4
	1

SIGHT TRIANGLE NOTE
 WHEN THE SIGHT TRIANGLES SHOWN ON THIS PLAN NO OBSTRUCTION BETWEEN TWO (2) FEET AND 20 FT (6) FEET IN HEIGHT ABOVE THE CURB LINE ELEVATION OF THE NEAREST TRAVELED WAY, IF NO CLOSING EXISTS.

CONDITION OF APPROVAL
 A SECURITY (LETTER OF CREDIT) IN THE AMOUNT OF 1% TIMES THE COST OF IMPROVEMENTS WILL BE PROVIDED TO THE CITY FOR ALL INFRASTRUCTURE IMPROVEMENTS PRIOR TO BUILDING PERMIT.

PAVEMENT MARKING SCHEDULE	
① 4" WHITE EDGE LINE MOIST STD DETAIL 1205.01	
② 4" DOUBLE YELLOW CENTERLINE MOIST STD DETAIL 1205.01	
③ 4" YELLOW LANE LINE MOIST STD DETAIL 1205.01	
④ WHITE TURN LANE ARROW MOIST STD DETAIL 1205.02	
⑤ 8" YELLOW DIAGONAL LINES MOIST STD DETAIL 1205.09	
⑥ 2" WAVE-SIP LINES MOIST STD DETAIL 1205.01	
⑦ YELLOW SKIP CENTER LINES MOIST STD DETAIL 1205.01	
⑧ STOP BAR MOIST STD DETAIL 1205.01	

ALL PERMANENT PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PER MOIST REQUIREMENTS.
 CONTRACTOR TO INSTALL MARKINGS PER MOIST STANDARD MANUALS AND LOCATIONS TO BE COORDINATED WITH THESE DEPARTMENTS PRIOR TO FINAL INSTALLATION.



REDUS NC ALL, LLC
 DB 14879, PG 2588
 BM 2005, PG 2337
 PNL: 1727-80-8835
 ZONING: CUD-SC
 LAND USE: VACANT

TARGET CORPORATION
 DB 9674, PG 1839
 BM 2002, PG 1635
 PNL: 1727-70-7533
 ZONING: CUD-SC
 LAND USE: COMMERCIAL

SPRING FOREST CONGREGATION OF JEROME'S WITNESS
 DB 8534, PG 404
 PNL: 1727-90-1245
 ZONING: CX-5-PL-CU
 LAND USE: CHURCH

CAROLYN Y. DUAN
 DB 9726, PG 809
 PNL: 1726-89-4943
 ZONING: RR
 LAND USE: SINGLE-FAMILY

DOR POINER PLACE LLP LIMITED PARTNERSHIP
 DB 15086, PG 2615
 BM 2005, PG 2334-5
 PNL: 1726-79-7717
 ZONING: SC
 LAND USE: COMMERCIAL

MOIST ROADWAY STANDARD DRAWINGS TO REFERENCE:
 220.02 METHOD OF CLEARING - METHOD 1
 225.02 GRADE FOR GRASSING SURFACE - SECONDARY & LOCAL
 300.01 METHOD OF PIPE INSTALLATION - METHOD "A"
 843.01 CONCRETE AND BRICK PIPE PILES
 845.01 CONCRETE CURB, GUTTER AND CURB & OUTER
 845.01 CONCRETE SIDEWALK
 845.05 INVERTED RAMP - CURB CUT
 852.01 CONCRETE SLABS
 875.02 GRADE FOR PIP R/W AT PIPE OUTLETS
 1101.01 WORK ZONE ADVANCE WARNING SIGNS
 1101.02 TEMPORARY LANE CLOSURES
 1101.04 TEMPORARY SHOULDER CLOSURES
 1101.05 WORK ZONE VEHICLE ACCESSORIES
 1101.11 TRAFFIC CONTROL DESIGN TABLES
 1110.02 PORTABLE WORK ZONE SIGNS - MOUNTING HEIGHT & LATERAL CLEARANCE
 1115.01 FLASHING ARROW PANELS
 1130.01 DRUMS
 1135.01 CONES
 1145.01 BARRICADES - TYPES I, II AND PERMANENT
 1150.01 FLAGGERS
 1205.01 PAVEMENT MARKINGS - LINE TYPES & OFFSETS
 1205.02 PAVEMENT MARKINGS - GATED & UNGATED ROADWAYS
 1205.04 PAVEMENT MARKINGS - INTERSECTIONS
 1205.05 PAVEMENT MARKINGS TURN LINES

