

2018 APPENDIX B BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS (except 1 and 2 family dwellings and townhouses)

PROJECT NAME
NAME OF PROJECT: CRABTREE NORTH APARTMENTS - BUILDING #1
ADDRESS: 2251 CHARLES DRIVE, RALEIGH, NC
OWNER / AUTHORIZED AGENT: CHARLES WATTS

CONTACT:
DESIGNER NAME/FIRM: CHARLES WATTS ARCHITECTS
LICENSE #: 4586
TELEPHONE #: 704 376 1200
E-MAIL: cwatts@wattsleaf.com

2018 NC BUILDING CODE: NEW BUILDING
2018 NC EXISTING BUILDING CODE: PRESERVATIVE
CONSTRUCTED: (DATE)
CURRENT OCCUPANCY(S): (CH. 3)

BASIC BUILDING DATA:
CONSTRUCTION TYPE: I-A, I-B, II-A, II-B, III-A, III-B, IV, V-A, V-B
SPRINKLERS: NO, PARTIAL, NFPA 13, NFPA 13R, NFPA 13D

GROSS BUILDING AREA TABLE:
FLOOR EXISTING (SQ. FT.) NEW (SQ. FT.) SUB-TOTAL
5TH FLOOR - - -
LEVEL 335.44 - 12,477 12,477

ALLOWABLE AREA
PRIMARY OCCUPANCY: ASSEMBLY, BUSINESS, EDUCATIONAL, FACTORY, HIGH-HAZARD, INSTITUTIONAL, MERCANTILE, RESIDENTIAL, STORAGE, UTILITY AND MISC.

ALLOWABLE AREA CONTINUED
STORY NO. DESCRIPTION AND USE BLDG AREA PER STORY (ACTUAL) TABLE 506.2.1 AREA AREA FOR FRONTAGE INCREASE 1.5 ALLOWABLE PER STORY OR UNLIMITED 2.0

FRONTAGE AREA INCREASES FROM SECTION 506.2 ARE COMPUTER. THUS:
a. PERIMETER WHICH FRONTS A PUBLIC WAY OR OPEN SPACE HAVING 20 FEET MINIMUM WIDTH = 459'-0" (F)
b. TOTAL BUILDING PERIMETER = 765'-6" (F)

ALLOWABLE HEIGHT
BLDG. HT. IN FEET (TABLE 504.3) ALLOWABLE HEIGHT SHOWN ON PLANS CODE REFERENCE

FIRE PROTECTION REQUIREMENTS
BUILDING ELEMENT FIRE SEPARATION DISTANCE (FEET) REQ D PROVIDED (W/ REDUCTION) DETAIL # AND SHEET # DESIGN # FOR RATED ASSEMBLY SHEET # FOR RATED PENETRATION DESIGN # FOR RATED JOINTS

PERCENTAGE OF WALL OPENING CALCULATIONS
TABLE 705.2
FIRE SEPARATION DISTANCE (FT) DEGREE OF OPENINGS PROTECTIONS (T105.2) ALLOWABLE AREA (%) ACTUAL SHOWN ON PLANS (S)

LIFE SAFETY SYSTEM REQUIREMENTS
EMERGENCY LIGHTING
EXIT SIGNS
FIRE ALARM
SMOKE DETECTION SYSTEMS
CARBON MONOXIDE DETECTION

LIFE SAFETY PLAN REQUIREMENTS (N/A)
LIFE SAFETY PLAN SHEET #:
FIRE AND/OR SMOKE RATED WALL LOCATIONS (CHAPTER 7) N/A

ACCESSIBLE DWELLING UNITS (SECTION 1107) N/A
TOTAL UNITS ACCESSIBLE UNITS REQUIRED ACCESSIBLE UNITS PROVIDED TYPE A UNITS REQUIRED TYPE A UNITS PROVIDED TYPE B UNITS REQUIRED TYPE B UNITS PROVIDED TOTAL ACCESSIBLE UNITS PROVIDED

ACCESSIBLE DWELLING UNITS - ENTIRE SITE (SECTION 1107) N/A
TOTAL UNITS ACCESSIBLE UNITS REQUIRED ACCESSIBLE UNITS PROVIDED TYPE A UNITS REQUIRED TYPE A UNITS PROVIDED TYPE B UNITS REQUIRED TYPE B UNITS PROVIDED TOTAL ACCESSIBLE UNITS PROVIDED

ACCESSIBLE PARKING (SECTION 1109) EXISTING
LOT OR PARKING AREA TOTAL # OF PARKING SPACES REQUIRED TOTAL # OF PARKING SPACES PROVIDED REGULAR WITH ACCESS AISLE VAN SPACES WITH 11' ACCESS AISLE 8' ACCESS AISLE TOTAL # ACCESSIBLE PROVIDED

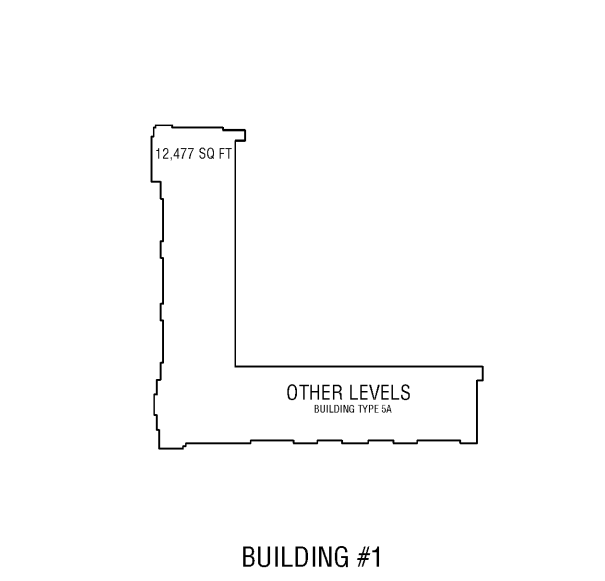
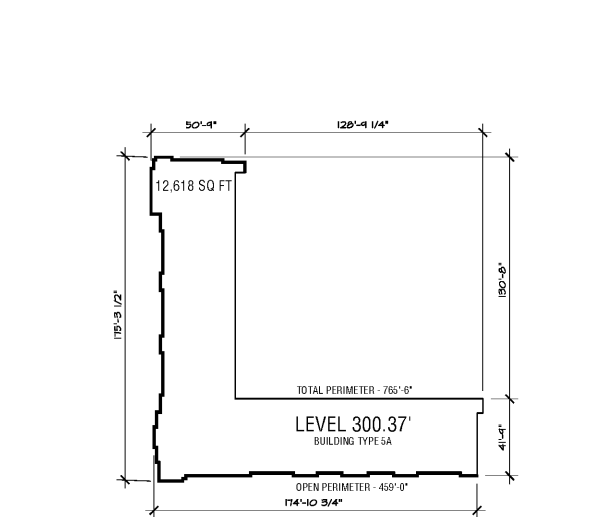
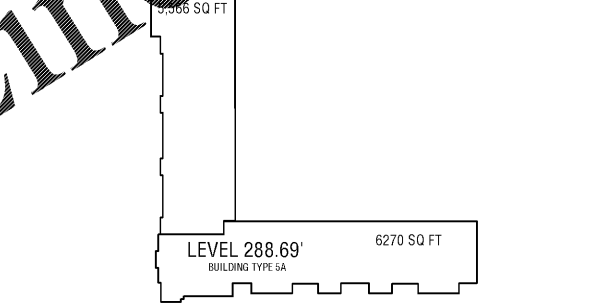
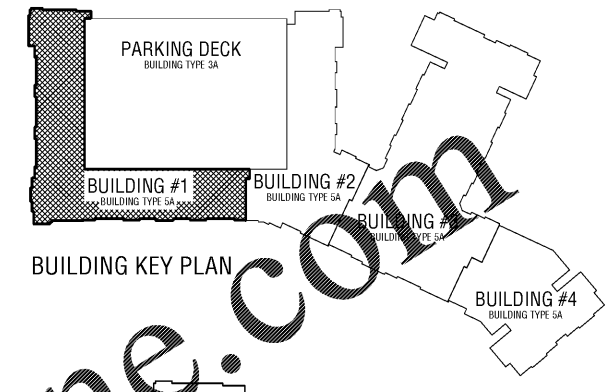
PLUMBING FIXTURE REQUIREMENTS (TABLE 2902.1)
EXISTING - UPDATE EXISTING WC & LAVS
SPACE WATERCLOSETS URINALS LAVATORIES SHOWERS/TUBS DRINKING FOUNTAINS

SPECIAL APPROVALS
(LOCAL JURISDICTION, NC DEPARTMENT OF INSURANCE, OSC, DPI, DHHS, ETC., DESCRIBE BELOW)

ENERGY SUMMARY
ENERGY REQUIREMENTS:
THE FOLLOWING DATA SHALL BE CONSIDERED MINIMUM AND ANY SPECIAL ATTRIBUTE REQUIRED TO MEET THE ENERGY CODE SHALL ALSO BE PROVIDED.

STRUCTURAL DESIGN NOT APPLICABLE
MECHANICAL DESIGN SEE NOTES ON M1.1

ELECTRICAL DESIGN SEE NOTES ON E1.1



CRABTREE NORTH APTS.
2251 Charles Drive
Raleigh, North Carolina
EYC COMPANIES

PROJECT 1915
DATE 09DEC19
DRAWN BY WJP
CHECKED BY CMW
CODE SUMMARY - BUILDING #1
A0.01