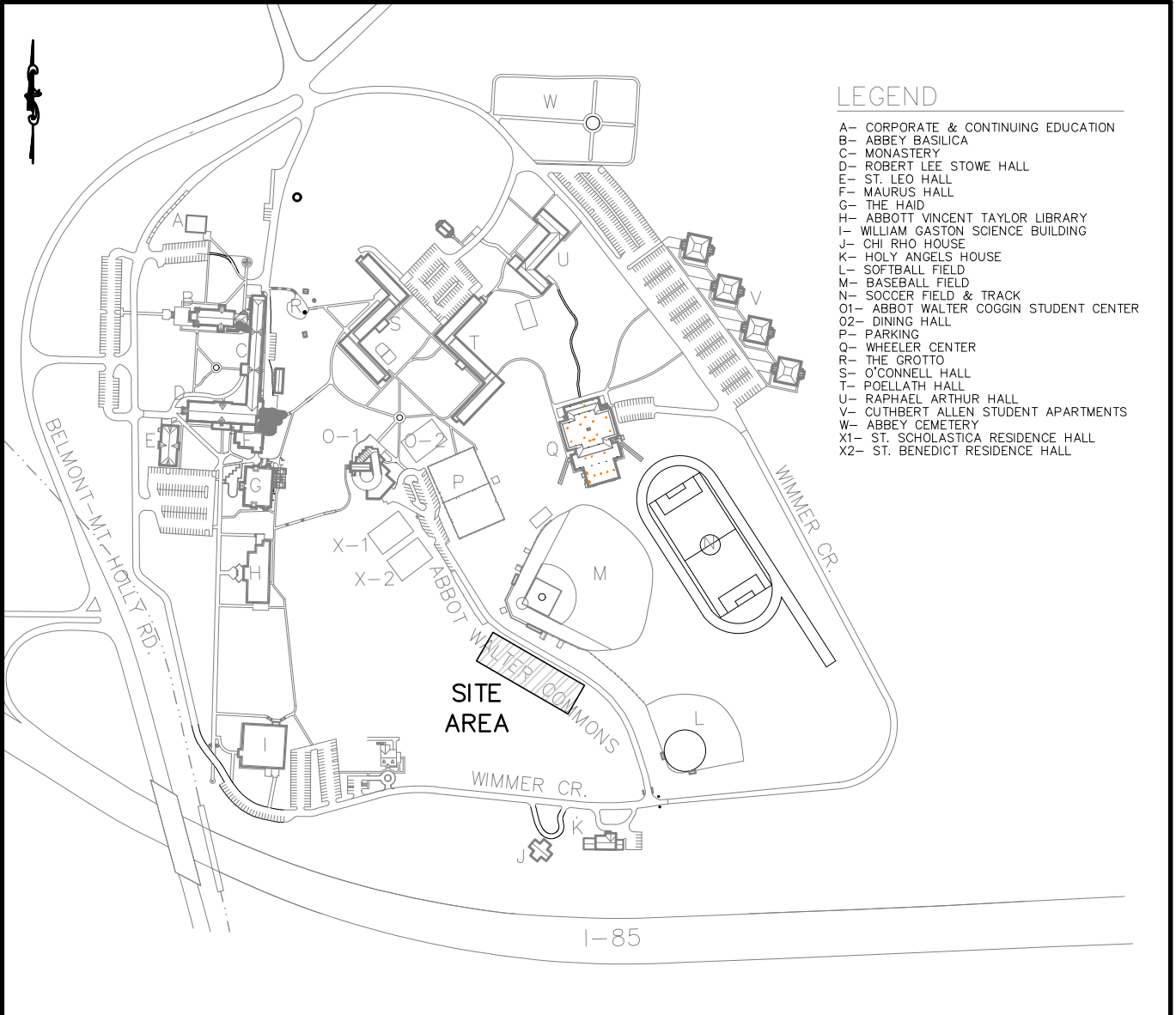


BELMONT ABBEY COLLEGE RESIDENCE HALLS ADDITION BELMONT, NORTH CAROLINA



VICINITY MAP

1" = 500'

ZONING CODE SUMMARY

PROJECT NAME: BELMONT-ABBEE RESIDENCE HALLS
OWNER/AGENT: UNIVERSITY HOUSING SOLUTIONS
PLANS PREPARED BY: THE ISAACS GROUP, PC PHONE #: 704-527-3440
ZONING: IC-D
TAX PARCEL #: 217518 JURISDICTION: CITY OF BELMONT, NC
PROPOSED USE: STUDENT HOUSING
BELMONT ABBEY CAMPUS: 12,719,520/292.0 SQ. FEET/ACRES NUMBER OF UNITS/SUITES: NA
PROJECT AREA: 58,759/1.35 SQ. FEET/ACRES
GROSS FLOOR AREA: 46,045 SQ. FEET (PER BUILDING)
PROPOSED BUILDINGS, CONCRETE AND PAVEMENT: 31,700/0.728 SQ. FT/ACRES
WATERSHED: WS-IV-PA
REQUIRED SCREENING:
FRONT: YES REAR: YES
SIDE (L): NO YES SIDE (R): NO YES
REQUIRED SETBACKS:
FRONT: 80 FEET REAR: 25 FEET
SIDE (L): 25 FEET SIDE (R): 25 FEET
WATERSHED DISTRICT: WS-IV-PA (PROTECTED AREA)
ALL SIGNAGE WILL BE PERMITTED SEPERATELY.
BUILDING PERMIT NUMBER AND ADDRESS SHALL BE POSTED ON THE BUILDING.
NUMBER OF BEDS: 128 (BLDG. 1) + 128 (BLDG. 2) = 256 (TOTAL)

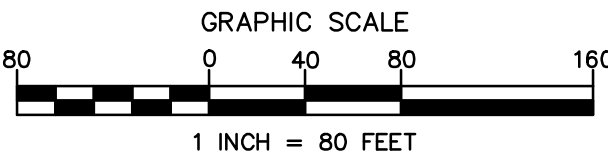
HC PARKING CALCULATIONS
A) NUMBER OF ACCESSIBLE UNITS: 4 (BLDG. 1) + 4 (BLDG. 2) = 8 (TOTAL)
NUMBER OF TYPE B UNITS: 60 (BLDG. 1) + 60 (BLDG. 2) = 120 (TOTAL)
HANDICAPPED PARKING SPACES REQ'D (PER NCBC 1106.2) = 2% OF ACCESSIBLE & TYPE B UNITS
= 2% * (8+120) = 2.56 ~ 3 SPACES
B) NUMBER OF EXISTING PARKING SPACES: 34
HANDICAPPED PARKING SPACES REQ'D (PER NCBC TABLE 1106.1) = 2 SPACES
C) TOTAL NUMBER OF H/C SPACES REQ'D = A + B = 3 + 2 = 5 SPACES
D) TOTAL NUMBER OF H/C SPACES PROVIDED = 5 SPACES

SKETCH PLAN & SCHEMATIC PLAN COMBINED SUBMITTAL

SHEET INDEX:

C0.0 COVER SHEET
C0.1 EXISTING CONDITIONS
C0.2 SLOPE ANALYSIS
C1.0 SITE & UTILITY PLAN

PRELIMINARY FOR REVIEW PURPOSES ONLY



NO.	BY	DATE	REVISION

Project: BELMONT ABBEY COLLEGE
RESIDENCE HALLS ADDITION
BELMONT, NORTH CAROLINA

Title: COVER SHEET

File #:

Date: 4/29/2019

Project Egr: ABC

Design By: ABC

Drawn By: TMM

Scale: 1" = 80'

8720 RED OAK BOULEVARD, SUITE 420
CHARLOTTE, N.C. 28217
PHONE (704) 527-3440 FAX (704) 527-8335

C0.0

Belmont Abbey College Impervious Area Calculations

4/29/2019

Total Area of Campus - 10/13/2006 GIS Calculation 292 Acres
This area is bounded by Beatty Dr (east), I-85 (south), Belmont-Mt Holly Road (west) and Belmont City Limits (North)

Impervious Areas - 10/13/2006 GIS Calculation
Pavement Surface Area 14.13 Acres
Buildings Area 5.08 Acres

Areas added since 2006 determination
Lowry Alumni Center
Areas measured using Gaston County GIS
Sidewalk Area 1,035 S.F.
Building Area 4,380 S.F.
Total Impervious Area 5,145 S.F./0.124 Acres

Chapel
Areas measured using Gaston County GIS
Sidewalk Area 250 S.F.
Building Area 1,200 S.F.
Total Impervious Area 1,450 S.F./0.033 Acres

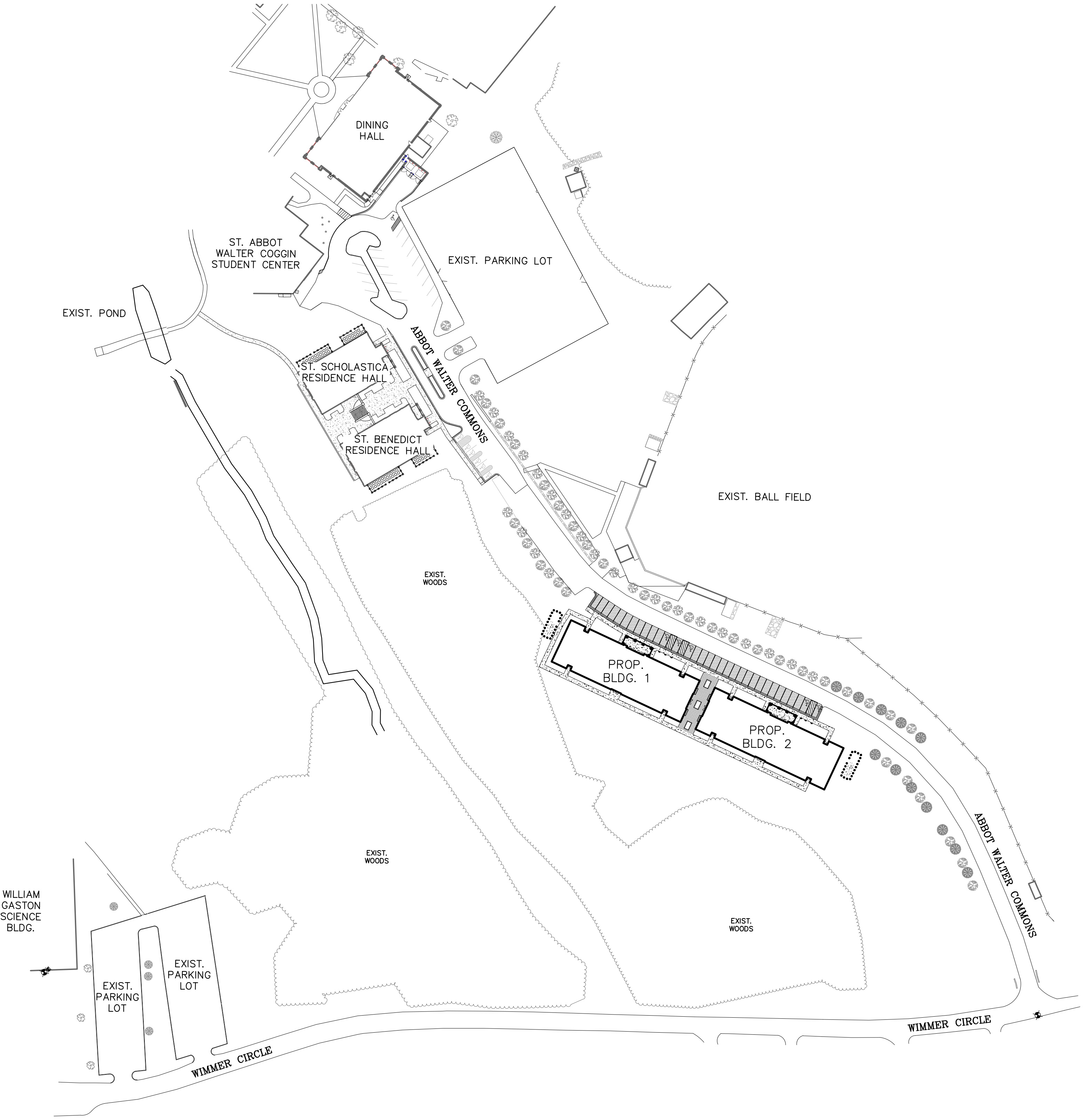
Room at the Inn
Area provided from storm water design calculations
Total Impervious Area 47,088 S.F./1.081 Acres

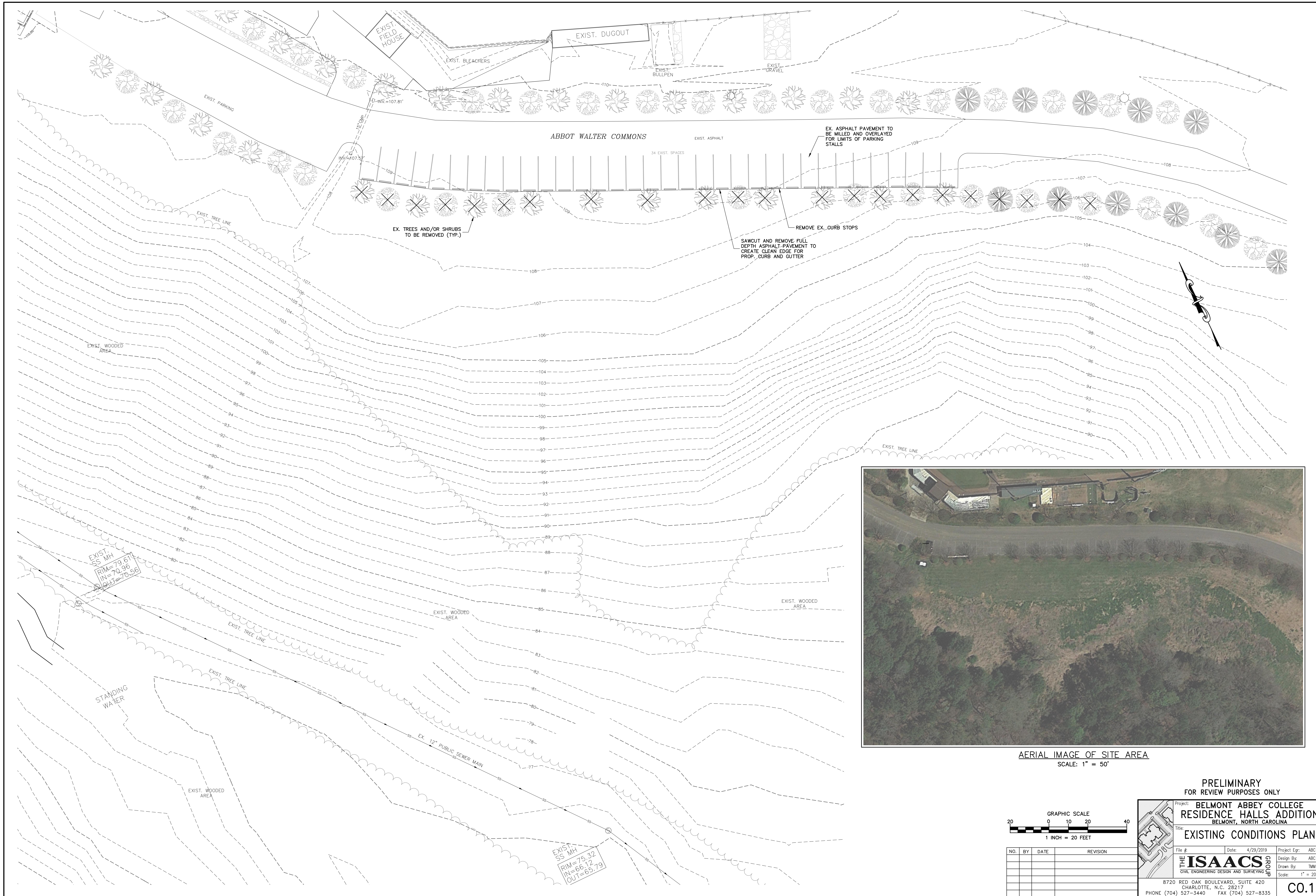
Dining Hall
Area from site engineer (The Isaacs Group)
Sidewalk Area 2,451 S.F.
Building Area 13,000 S.F.
Asphalt/Concrete Area 4,040 S.F.
Total Impervious Area 19,491 S.F./0.447 Acres

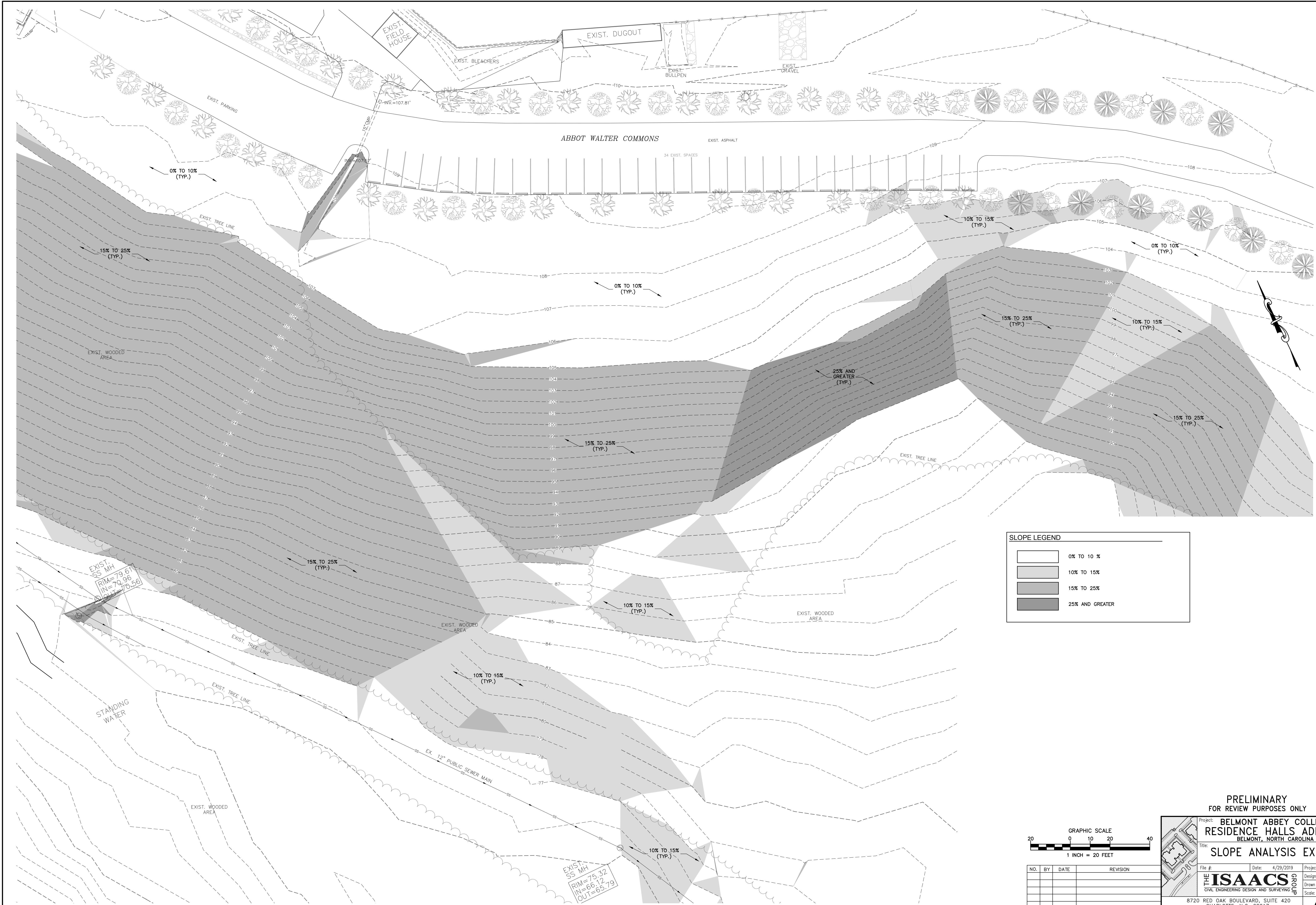
LeChase Dorms (Across from old Tennis Courts)
Area from site engineer (The Isaacs Group)
Sidewalk/Concrete Area 7,672 S.F.
Building Area 11,250 S.F.
Asphalt Area 1,322 S.F.
Total Impervious Area 20,244/0.465 Acres

New Residence Halls (Univisity Housing Solutions)
Area from site engineer (The Isaacs Group)
Sidewalk/Concrete Area xxxx S.F.
Building Area xxx S.F.
Asphalt Area xxxx S.F.
Total Impervious Area 31,700 s.f. / 0.728 Acres

Total Impervious Area after Construction of the Dorms 22.088 Acres
Percent Impervious after Construction of the Dorms 7.56%
EDU's after Construction of the Dorms (@ 2,500 sffEDU) 384.86

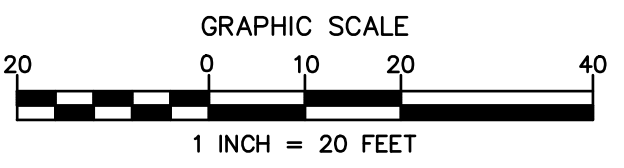






SLOPE LEGEND

[Lightest Gray Box]	0% TO 10 %
[Medium-Light Gray Box]	10% TO 15%
[Medium-Dark Gray Box]	15% TO 25%
[Darkest Gray Box]	25% AND GREATER



NO.	BY	DATE	REVISION

PRELIMINARY
FOR REVIEW PURPOSES ONLY

Project: **BELMONT ABBEY COLLEGE
RESIDENCE HALLS ADDITION**
BELMONT, NORTH CAROLINA

Title: **SLOPE ANALYSIS EXHIBIT**

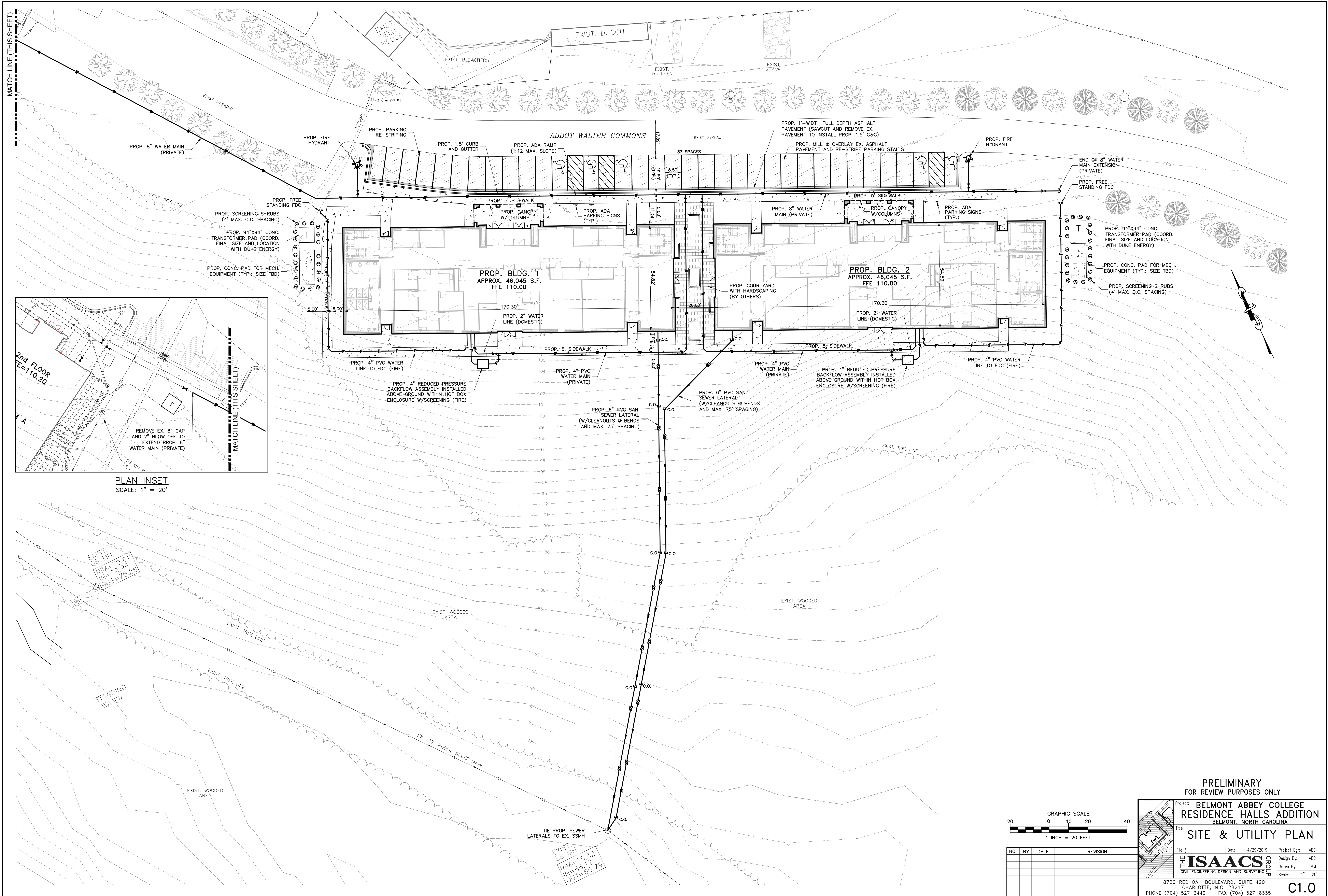
File #: **THE ISAACS GROUP**
CIVIL ENGINEERING DESIGN AND SURVEYING

Date: 4/29/2019

Project Egr: ABC
Design By: ABC
Drawn By: TMM
Scale: 1" = 20'

8720 RED OAK BOULEVARD, SUITE 420
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C0.2



PRELIMINARY
FOR REVIEW PURPOSES ONLY

Project: BELMONT ABBEY COLLEGE
RESIDENCE HALLS ADDITION
BELMONT, NORTH CAROLINA

SITE & UTILITY PLAN

File #:	Date: 4/29/2019	Project Egr: ABC
THE ISAACS GROUP CIVIL ENGINEERING DESIGN AND SURVEYING		Design By: ABC Drawn By: TMM Scale: 1" = 20'

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C1.0