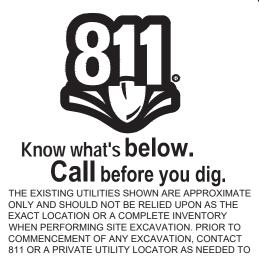
Impervious Area Calculations	
	9/6/201
Total Area of Campus - 10/13/2006 GIS Calculation	292 Acres
This area is bounded by Beatty Dr (east), I-85 (south), Belmont-	WIT HOILY ROad (West)
and Belmont City Limits (North)	
Impervious Areas - 10/13/2006 GIS Calculation	
Pavement Surface Area	14.13 Acre
Buildings 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 Acre
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 Acre
Room at the Inn	
Area provided from storm water design calculations	47,000 0 5 14 004 4
Total Impervious Area	47,088 S.F./1.081 Acre
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 Acre
Le Chase Dorms (Across from old Tennis Courts)	
Area from site engineer (The Isaacs Group)	7 070 0
Sidewalk/Concrete Area	7,672 S.
Building Area	11,250 S.I
Asphalt Area	1,322 S.I
Total Impervious Area	20,244/0.465 Acre
New Residence Halls (University Housing Solutions)	
Area from site engineer (The Isaacs Group)	
Sidewalk/Concrete Area	7,696 S.
Building Area	9,613 S.
Asphalt Area	3,229 S.I
Total Impervious Area	20,538 s.f. / 0.471 Acro
T	
Temporary Student Housing (University Housing Solutions) Area from site engineer (The Isaacs Group)	
Temporary Gravel Driveway for Fire Truck Access	6,611 S.
Parking Lot Expansion at Science Building	22,023 S.F
Total Impervious Area	22,023 S.F 28,634 s.f. / 0.657 Acro
	20,004 0.1.7 0.007 A01
Total Impervious Area after Construction of the Dorms & Tempor	rary Housing 22.488 Acre
Percent Impervious after Construction of the Dorms & Temporary	y Housing 7.709
	2,500 sf/EDU) 391.8

GENERAL NOTES:

- 1. THIS MAP IS NOT A CERTIFIED SURVEY. BOUNDARY AND TOPOGRAPHIC INFORMATION PROVIDED BY THE ISAACS GROUP, PC AND R.B. PHARR & ASSOCIATES, PA. THE PHYSICAL AND TOPOGRAPHIC DATA PROVIDED IN THESE DRAWINGS HAS BEEN COMPILED BY THE ISAACS GROUP AND THE ENGINEER OF RECORD (ENGINEER) IN SUPPORT OF THIS PROJECT AND CANNOT BE RELIED UPON BY OTHERS. "THE ISAACS GROUP" AND "THE ENGINEER OF RECORD" SHALL DEFINE THE TERM OF "ENGINEER" USED IN THE SUBSEQUENT NOTES.
- 2. THE EXISTING UTILITIES SHOWN ARE FOR THE CONTRACTOR'S CONVENIENCE ONLY. THERE MAY BE OTHER UTILITIES NOT SHOWN ON THIS PLAN AND THE UTILITIES SHOWN ON THIS PLAN MAY NOT BE IN THE EXACT LOCATIONS AS SHOWN. THE ISAACS GROUP, P.C. ASSUMES NO RESPONSIBILITY FOR THE LOCATIONS SHOWN OR ANY OMISSIONS IN SHOWING EXISTING UTILITIES THAT MAY BE WITHIN THE PROJECT AREA. THE CONTRACTOR IS 100% RESPONSIBLE FOR UTILIZING A PRIVATE LOCATOR AND APPROPRIATE UTILITY COMPANIES TO LOCATE THE SIZE, LOCATION, INVERTS, DEPTHS AND EXISTENCE OF ALL EXISTING UTILITIES (ELECTRICAL, MECHANICAL, WATER, TELEPHONE, FIBER OPTIC, GAS, ETC.) TO HIS/HER SATISFACTION PRIOR TO COMMENCEMENT OF CONSTRUCTION AND EXCAVATION ACTIVITIES. CONFLICTS BETWEEN EXISTING UTILITIES AND PROPOSED EXCAVATION SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
- 3. PROVIDE MINIMUM OF 48 HOUR NOTICE TO OWNER OR REPRESENTATIVE PRIOR TO INTERRUPTION OF ANY EXISTING UTILITY, IF BEING UTILIZED.
- 4. THE CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ANY UTILITIES DAMAGED DURING CONSTRUCTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR LOCATION & PROTECTION OF EXISTING ABOVE AND BELOW GROUND UTILITIES AND STRUCTURES. ANY AND ALL MAINS OR INDIVIDUAL SERVICES PRESENTLY IN SERVICE WHICH ARE DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED IMMEDIATELY AT NO ADDITIONAL EXPENSE TO THE OWNER OR THE ISAACS GROUP, P.C. ANY AND ALL MAINS OR INDIVIDUAL SERVICES PRESENTLY NOT IN SERVICE AND WHICH ARE TO BE REPLACED DURING THE COURSE OF CONSTRUCTION MAY BE REMOVED AND LEGALLY DISPOSED OF IF DAMAGED DURING CONSTRUCTION.
- 5. THE CONTRACTOR SHALL USE EXTREME CARE WHEN WORKING NEAR ALL UNDERGROUND AND OVERHEAD UTILITIES.
- 6. ALL DIMENSIONS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED.
- 7. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL NECESSARY PERMITS AND APPROVALS HAVE BEEN OBTAINED PRIOR TO CONSTRUCTION. THESE PERMITS AND APPROVALS MAY INCLUDE BUT ARE NOT LIMITED TO GRADING, DEMOLITION, ZONING, BUILDING, DRIVEWAY, DETENTION, SUBDIVISION, SPECIAL USE, SEWER AND WATER.
- 8. PROPOSED LOCATIONS AND SIZES OF UNDERGROUND UTILITIES SHOWN ON THESE DRAWINGS ARE BASED UPON DESIGN CONSTRAINTS IDENTIFIED BY THE ENGINEER AND SHOULD BE VERIFIED BY THE CONTRACTOR TO ENSURE CONSISTENCY WITH THE MECHANICAL, ELECTRICAL AND PLUMBING PLANS TO ENSURE PROPER COORDINATION AND PLAN CONSISTENCY. ANY DISCREPANCIES BETWEEN THE INFORMATION SHOWN ON THESE DRAWINGS AND DRAWINGS PREPARED BY OTHER DESIGN CONSULTANTS NOT SUBCONTRACTING DIRECTLY WITH THE ISAACS GROUP / ENGINEER SHOULD BE REPORTED IMMEDIATELY UPON DISCOVERY AS NEEDED TO RESOLVE.

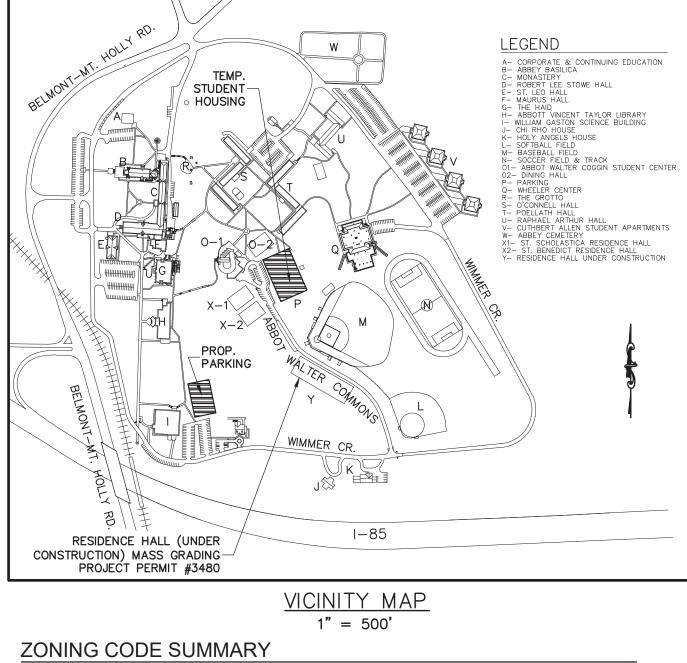
BELMONT ABBEY COLLEGE TEMPORARY STUDENT HOUSING **BELMONT, NORTH CAROLINA**





EXISTING UTILITIES.





PROJECT NAME: BELMONT-ABBEY RESIDENCE HALLS (TEMPORARY HOUSING)
OWNER:BELMONT ABBEY COLLEGE, INC.
DEVELOPER:UHS-BELMONT, LLC
PLANS PREPARED BY:
ZONING:IC-D
TAX PARCEL #:217518JURISDICTION: CITY OF BELMONT, NC
PROPOSED USE: STUDENT HOUSING
BELMONT ABBEY CAMPUS: 12,719,520/292.0 SQ. FEET/ACRES
GROSS FLOOR AREA: 15,888 SQ. FEET
PROPOSED BUILDINGS, CONCRETE AND PAVEMENT: 28,634 / 0.657 SQ. FT/ACRES
WATERSHED: WS-IV-PA
REQUIRED SCREENING:
FRONT: NOYES REAR: NOYES
SIDE (L): NOYES SIDE (R): NOYES
REQUIRED SETBACKS:
FRONT: 80 FEET REAR: 25 FEET SIDE (L): 25 FEET SIDE (R): 25 FEET
SIDE (L):25FEET SIDE (R):25FEET
WATERSHED DISTRICT: <u>WS-IV-PA (PROTECTED AREA)</u>
ALL SIGNAGE WILL BE PERMITTED SEPERATELY.
BUILDING PERMIT NUMBER AND ADDRESS SHALL BE POSTED ON THE BUILDING.
NUMBER OF BEDS: 3 UNITS X 44 BEDS/UNIT = 132 BEDS
NUMBER OF BEDS: <u>3 UNITS X 44 BEDS/UNIT = 132 BEDS</u>

HC PARKING CALCULATIONS A) HANDICAPPED PARKING SPACES REQ'D (PER NCBC 1106.2) = 2% OF ALL UNITS = 2% * (132 BEDS) = 3 SPACES

B) TOTAL NUMBER OF H/C SPACES PROVIDED = 3 SPACES (EXISTING SPACES TO BE RE-PAINTED)

PROJECT NARRATIVE

TEMPORARY STUDENT HOUSING UNITS ARE PROPOSED TO BE INSTALLED ON THE BELMONT ABBEY COLLEGE CAMPUS WHICH CONSISTS OF THREE (3) TEMPORARY 44-PERSON DORMITORIES TO BE LOCATED WITHIN THE EXISTING PARKING LOT ADJACENT TO THE DINING HALL AND SOFTBALL FIELD. EACH UNIT WILL INCLUDE FORTY-FOUR (44) BEDS (132 BEDS TOTAL) AND TEMPORARILY HOUSE STUDENTS DURING THE 2020 FALL SEMESTER FROM SEPTEMBER THROUGH DECEMBER WHILE CONSTRUCTION THE NEW RESIDENCE HALLS IS COMPLETED ALONG ABBOT WALTER COMMONS. THE PROPOSED PARKING LOT EXPANSION IS INTENDED TO PARTIALLY REPLACE ONE-HUNDRED (100) EXISTING PARKING SPACES TO BE OCCUPIED BY THE TEMPORARY STUDENT HOUSING UNITS.

TEMPORARY STUDENT HOUSING SUMMARY 44 PERSON DORMITORIES: 3 BEDS PER DORMITORY: 44 TOTAL BEDS: 132

SHEET INDEX:

C0.0 C1.0 C1.1

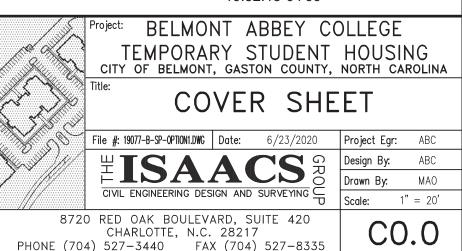
COVER SHEET SITE PLAN PARKING LOT EXPANSION



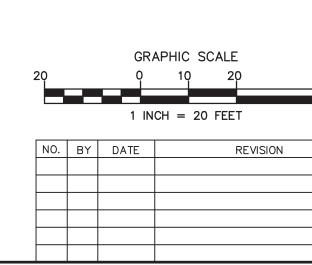


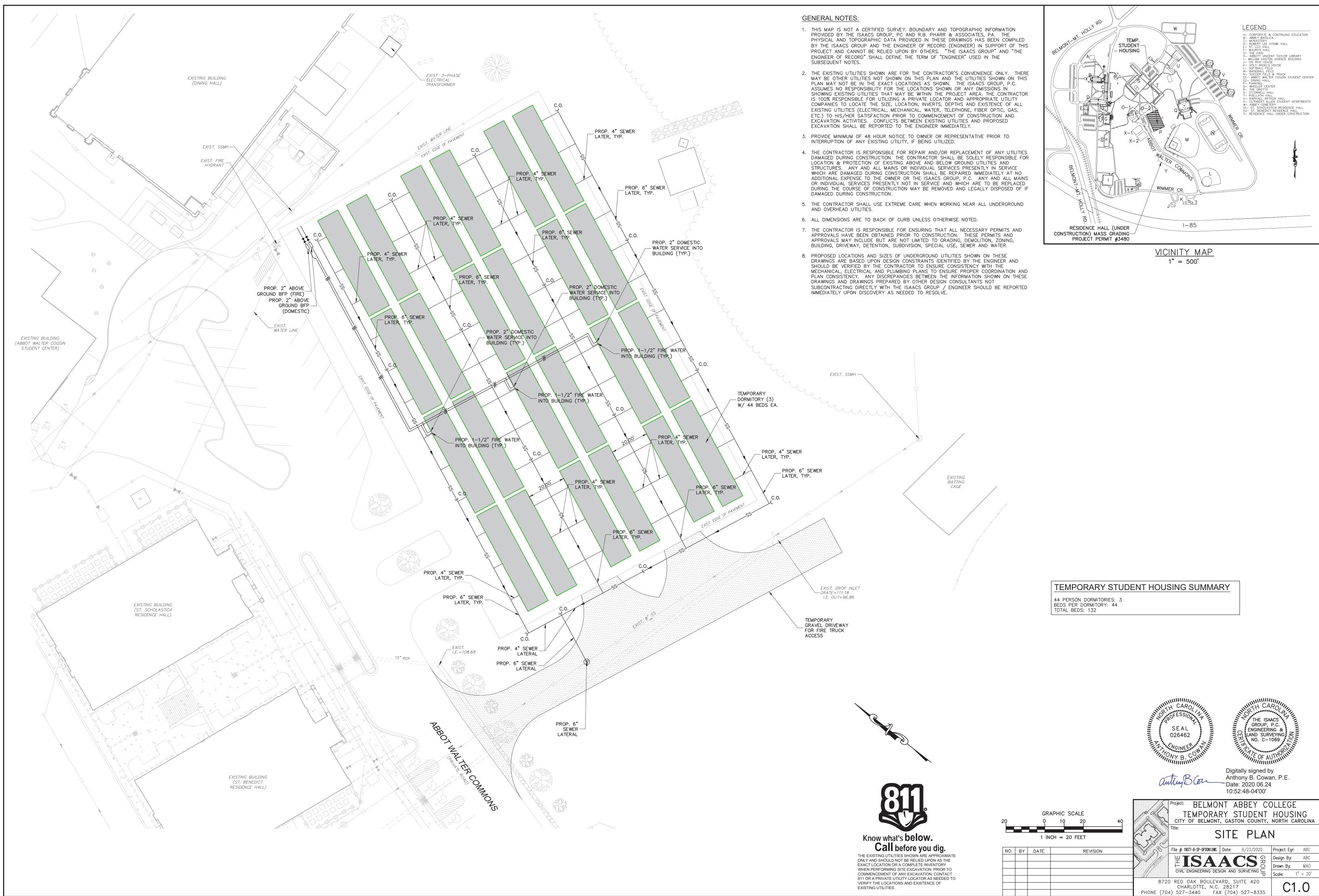
) (ou

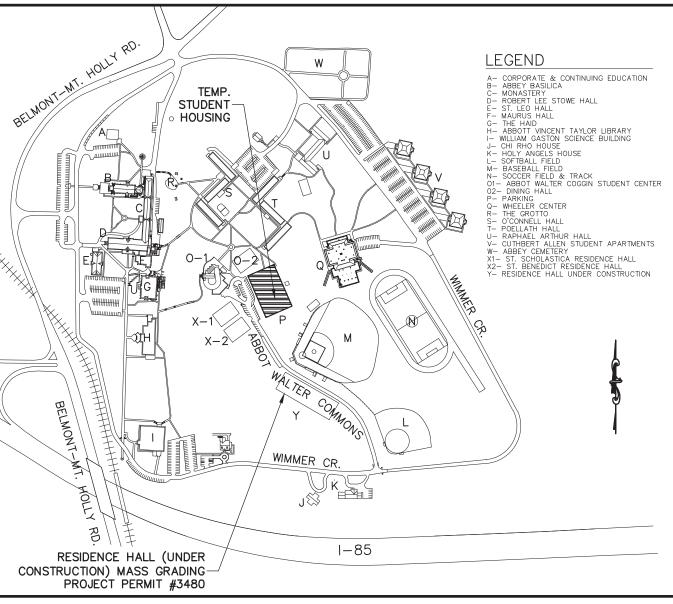
Digitally signed by Anthony B. Cowan, P.E. Date: 2020.06.24 10:52:13-04'00'



VERIFY THE LOCATIONS AND EXISTENCE OF







GENERAL NOTES:

- 1. THIS MAP IS NOT A CERTIFIED SURVEY. BOUNDARY AND TOPOGRAPHIC INFORMATION PROVIDED BY THE ISAACS GROUP, PC AND R.B. PHARR & ASSOCIATES, PA. THE PHYSICAL AND TOPOGRAPHIC DATA PROVIDED IN THESE DRAWINGS HAS BEEN COMPILED BY THE ISAACS GROUP AND THE ENGINEER OF RECORD (ENGINEER) IN SUPPORT OF THIS PROJECT AND CANNOT BE RELIED UPON BY OTHERS. "THE ISAACS GROUP" AND "THE ENGINEER OF RECORD" SHALL DEFINE THE TERM OF "ENGINEER" USED IN THE SUBSEQUENT NOTES.
- 2. THE EXISTING UTILITIES SHOWN ARE FOR THE CONTRACTOR'S CONVENIENCE ONLY. THERE MAY BE OTHER UTILITIES NOT SHOWN ON THIS PLAN AND THE UTILITIES SHOWN ON THIS PLAN MAY NOT BE IN THE EXACT LOCATIONS AS SHOWN. THE ISAACS GROUP, P.C. ASSUMES NO RESPONSIBILITY FOR THE LOCATIONS SHOWN OR ANY OMISSIONS IN SHOWING EXISTING UTILITIES THAT MAY BE WITHIN THE PROJECT AREA. THE CONTRACTOR IS 100% RESPONSIBLE FOR UTILIZING A PRIVATE LOCATOR AND APPROPRIATE UTILITY COMPANIES TO LOCATE THE SIZE, LOCATION, INVERTS, DEPTHS AND EXISTENCE OF ALL EXISTING UTILITIES (ELECTRICAL, MECHANICAL, WATER, TELEPHONE, FIBER OPTIC, GAS, ETC.) TO HIS/HER SATISFACTION PRIOR TO COMMENCEMENT OF CONSTRUCTION AND EXCAVATION ACTIVITIES. CONFLICTS BETWEEN EXISTING UTILITIES AND PROPOSED EXCAVATION SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
- PROVIDE MINIMUM OF 48 HOUR NOTICE TO OWNER OR REPRESENTATIVE PRIOR TO INTERRUPTION OF ANY EXISTING UTILITY, IF BEING UTILIZED.
- 4. THE CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ANY UTILITIES DAMAGED DURING CONSTRUCTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR LOCATION & PROTECTION OF EXISTING ABOVE AND BELOW GROUND UTILITIES AND STRUCTURES. ANY AND ALL MAINS OR INDIVIDUAL SERVICES PRESENTLY IN SERVICE WHICH ARE DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED IMMEDIATELY AT NO ADDITIONAL EXPENSE TO THE OWNER OR THE ISAACS GROUP, P.C. ANY AND ALL MAINS OR INDIVIDUAL SERVICES PRESENTLY NOT IN SERVICE AND WHICH ARE TO BE REPLACED DURING THE COURSE OF CONSTRUCTION MAY BE REMOVED AND LEGALLY DISPOSED OF IF DAMAGED DURING CONSTRUCTION.
- 5. THE CONTRACTOR SHALL USE EXTREME CARE WHEN WORKING NEAR ALL UNDERGROUND AND OVERHEAD UTILITIES.
- 6. ALL DIMENSIONS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED.
- 7. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL NECESSARY PERMITS AND APPROVALS HAVE BEEN OBTAINED PRIOR TO CONSTRUCTION. THESE PERMITS AND APPROVALS MAY INCLUDE BUT ARE NOT LIMITED TO GRADING, DEMOLITION, ZONING, BUILDING, DRIVEWAY, DETENTION, SUBDIVISION, SPECIAL USE, SEWER AND WATER.
- 8. PROPOSED LOCATIONS AND SIZES OF UNDERGROUND UTILITIES SHOWN ON THESE DRAWINGS ARE BASED UPON DESIGN CONSTRAINTS IDENTIFIED BY THE ENGINEER AND SHOULD BE VERIFIED BY THE CONTRACTOR TO ENSURE CONSISTENCY WITH THE MECHANICAL, ELECTRICAL AND PLUMBING PLANS TO ENSURE PROPER COORDINATION AND PLAN CONSISTENCY. ANY DISCREPANCIES BETWEEN THE INFORMATION SHOWN ON THESE DRAWINGS AND DRAWINGS PREPARED BY OTHER DESIGN CONSULTANTS NOT SUBCONTRACTING DIRECTLY WITH THE ISAACS GROUP / ENGINEER SHOULD BE REPORTED IMMEDIATELY UPON DISCOVERY AS NEEDED TO RESOLVE.

