

**2018 APPENDIX B
BUILDING CODE SUMMARY
FOR ALL COMMERCIAL PROJECTS
(EXCEPT 1 AND 2 FAMILY DWELLINGS AND TOWNHOUSES)**

NAME OF PROJECT: TOO GOOD TO BE HEALTHY, LLC.
 ADDRESS: 63 MARSHBANKS STREET ZIP CODE: 27546
 OWNER/AUTHORIZED AGENT: JACOB MANN PHONE # (910) 890-4616 EMAIL: MANN_JAKE1990@GMAIL.COM
 OWNED BY: CITY/COUNTY PRIVATE STATE
 CODE ENFORCEMENT JURISDICTION: CITY COUNTY HARNETT STATE
 LEAD DESIGN PROFESSIONAL: CRUSE & ASSOCIATES, P.A.
 DESIGNER FIRM NAME LICENSE # TELEPHONE NO. E-MAIL
 ARCHITECTURAL BUILDING CRUSE & ASSOCIATES, P.A. RANDY CRUSE, PE 18909 (910) 892-4429 RCRUSE@CRUSEASSOCIATES.COM
 CIVIL _____
 ELECTRICAL _____
 FIRE ALARM _____
 PLUMBING _____
 MECHANICAL _____
 SPRINKLER-STANDPIPE _____
 STRUCTURAL (FOUNDATION) _____
 RETAINING WALLS >5' HIGH _____
 OTHER _____
 ("OTHER" SHOULD INCLUDE FIRMS AND INDIVIDUALS SUCH AS TRUSS, PRECAST, PRE-ENGINEERED, INTERIOR DESIGNERS, ETC.)

2018 EDITION NC BUILDING CODE: NEW BUILDING SHELL/CORE 1ST TIME INTERIOR COMPLETIONS
 ADDITION PHASED CONSTRUCTION - SHELL CORE

2018 NC EXISTING BUILDING CODE: PRESCRIPTIVE ALTERATION LEVEL I HISTORIC PROPERTY
 REPAIR ALTERATION LEVEL II CHANGE OF USE
 CHAPTER 14 ALTERATION LEVEL III

CONSTRUCTED: (DATE) _____ CURRENT OCCUPANCY(S): (CH. 3) B
 RENOVATED: (DATE) _____ PROPOSED OCCUPANCY(S): (CH. 3) A-2
 OCCUPANCY CATEGORY (TABLE 1604.5): CURRENT: II PROPOSED: II

BASIC BUILDING DATA:
 CONSTRUCTION TYPE: I-A II-A III-A IV V-A
 I-B II-B III-B V-B
 SPRINKLERS: NO PARTIAL YES NFPA 13 NFPA 13R NFPA 13D
 STANDPIPES: NO YES CLASS I II III WET DRY
 PRIMARY FIRE DISTRICT: NO YES FLOOD HAZARD AREA: NO YES
 SPECIAL INSPECTIONS REQUIRED: NO YES

| FLOOR | EXISTING (SQ FT) | NEW (SQ FT) | SUB-TOTAL |
|--------------------------|------------------|--------------|-----------|
| 3RD FLOOR | | | |
| 2ND FLOOR | | | |
| MEZZANINE | | | |
| 1ST FLOOR | 9,295 | 1,220 | 1,220 |
| BASEMENT | | | |
| TOTAL GROSS AREA: | 9,295 | 1,220 | |

TOTAL BUILDING AREA IS 9,295 SQ. FT. ; UP-FIT SPACE IS 1,220 SQ. FT.

ALLOWABLE AREA

PRIMARY OCCUPANCY CLASSIFICATION(S):
 ASSEMBLY A-1 A-2 A-3 A-4 A-5
 BUSINESS
 EDUCATIONAL
 FACTORY F-1 MODERATE F-2 LOW
 HAZARDOUS H-1 DETONATE H-2 DEFLAGRATE H-3 COMBUST H-4 HEALTH H-5 HPM
 INSTITUTIONAL I-1 I-2 I-3 I-4
 I-1 CONDITION 1 2
 I-2 CONDITION 1 2
 I-3 CONDITION 1 2 3 4 5
 MERCANTILE
 RESIDENTIAL R-1 R-2 R-3 R-4
 STORAGE S-1 MODERATE S-2 LOW HIGH-PILED
 PARKING GARAGE OPEN ENCLOSED REPAIR GARAGE
 UTILITY AND MISCELLANEOUS

ACCESSORY OCCUPANCY CLASSIFICATION(S): _____
 INCIDENTAL USES (TABLE 509): _____
 THIS SEPARATION IS NOT EXEMPT AS A NON-SEPARATED USE (SEE EXCEPTIONS).
 SPECIAL USES (CHAPTER 4-LIST CODE SECTIONS): _____
 SPECIAL PROVISIONS (CHAPTER 5-LIST CODE SECTIONS): _____

MIXED OCCUPANCY: NO YES SEPARATION: _____ HR. EXCEPTION: _____
 NON-SEPARATED USE (508.3)
 SEPARATED USE (504.8) - SEE BELOW FOR AREA CALCULATIONS FOR EACH STORY, THE AREA OF THE OCCUPANCY SHALL BE SUCH THAT THE SUM OF THE RATIOS OF THE ACTUAL FLOOR AREA OF EACH USE DIVIDED BY THE ALLOWABLE FLOOR AREA FOR EACH USE SHALL NOT EXCEED 1.

$$\frac{\text{ACTUAL AREA OF OCCUPANCY A}}{\text{ALLOWABLE AREA OF OCCUPANCY A}} + \frac{\text{ACTUAL AREA OF OCCUPANCY B}}{\text{ALLOWABLE AREA OF OCCUPANCY B}} \leq 1$$

ALLOWABLE HEIGHT

| | ALLOWABLE (TABLE 504.3) | SHOWN ON PLANS | CODE REFERENCE |
|--|-------------------------|----------------|----------------|
| BUILDING HEIGHT IN FEET (TABLE 504.3) | FEET <u>40</u> | <u>16'-0"</u> | |
| BUILDING HEIGHT IN STORIES (TABLE 504.4) | STORIES <u>1</u> | <u>1</u> | |

PROVIDE CODE REFERENCE IF THE "SHOWN ON PLANS" QUANTITY IS NOT BASED ON TABLE 504.3 OR 504.4.

| STORY NO. | DESCRIPTION AND USE | (A) BLDG AREA PER STORY (ACTUAL) | (B) TABLE 506.2 AREA | (C) AREA FOR FRONTAGE INCREASE ^{1,5} | (D) ALLOWABLE AREA PER STORY OR UNLIMITED ^{2,3} |
|-----------|---------------------|----------------------------------|----------------------|---|--|
| 1 | A-2 | 1,220 | 9,500 | - | - |

- ¹ FRONTAGE AREA INCREASES FROM SECTION 506.2 ARE COMPUTED USING:
 A. PERIMETER WHICH FRONTS A PUBLIC WAY OR OPEN SPACE HAVING 20 FEET MINIMUM WIDTH = _____ (F)
 B. TOTAL BUILDING PERIMETER = _____ (P)
 C. RATIO (F/P) = _____ (F/P)
 D. W = MINIMUM WIDTH OF PUBLIC WAY = _____ (W)
² UNLIMITED AREA APPLICABLE UNDER CONDITIONS OF SECTION 507.
³ MAXIMUM BUILDING AREA = TOTAL NUMBER OF STORIES IN THE BUILDING x D (MAXIMUM 3 STORIES) (506.2).
⁴ THE MAXIMUM AREA OF OPEN PARKING GARAGES MUST COMPLY WITH 406.5.4. THE MAXIMUM AREA OF AIR TRAFFIC CONTROL TOWERS MUST COMPLY WITH TABLE 412.3.1.
⁵ FRONTAGE INCREASE IS BASED ON THE UNSPRINKLERED AREA VALUE IN TABLE 506.2.

FIRE PROTECTION REQUIREMENTS

| BUILDING ELEMENT | FIRE SEPARATION DISTANCE (FEET) | RATING REQ'D | RATING PROVIDED (W/ REDUCTION) | DETAIL AND SHEET # | DESIGN # FOR RATED ASSEMBLY | DESIGN # FOR RATED PENETRATION | DESIGN # FOR RATED JOINTS |
|--|---------------------------------|--------------|--------------------------------|--------------------|-----------------------------|--------------------------------|---------------------------|
| STRUCTURAL FRAME, INCLUDING COLUMNS, GIRDERS, TRUSSES | - | 0 | - | - | - | - | - |
| BEARING WALLS | - | - | - | - | - | - | - |
| EXTERIOR | - | - | - | - | - | - | - |
| NORTH | - | 0 | - | - | - | - | - |
| EAST | - | 0 | - | - | - | - | - |
| WEST | - | 0 | - | - | - | - | - |
| SOUTH | - | 0 | - | - | - | - | - |
| INTERIOR | - | 0 | - | - | - | - | - |
| NONBEARING WALLS & PARTITIONS | - | - | - | - | - | - | - |
| EXTERIOR | - | 0 | - | - | - | - | - |
| NORTH | - | 0 | - | - | - | - | - |
| EAST | - | 0 | - | - | - | - | - |
| WEST | - | 0 | - | - | - | - | - |
| SOUTH | - | 0 | - | - | - | - | - |
| INTERIOR | - | 0 | - | - | - | - | - |
| FLOOR CONSTRUCTION INCLUDING SUPPORTING BEAMS AND JOISTS | - | 0 | - | - | - | - | - |
| ROOF CONSTRUCTION INCLUDING SUPPORTING BEAMS AND JOISTS | - | 0 | - | - | - | - | - |
| SHAFT ENCLOSURES-EXIT | - | - | - | - | - | - | - |
| SHAFT ENCLOSURES-OTHER | - | - | - | - | - | - | - |
| CORRIDOR SEPARATION | - | 0 | - | - | - | - | - |
| OCCUPANCY SEPARATION | - | - | - | - | - | - | - |
| PARTY FIRE WALL SEPARATION | - | - | - | - | - | - | - |
| SMOKE BARRIER SEPARATION | - | - | - | - | - | - | - |
| TENANT SEPARATION | - | ** | - | - | - | - | - |
| INCIDENTAL USE SEPARATION | - | - | - | - | - | - | - |

*INDICATE SECTION NUMBER PERMITTING REDUCTION
 **EXISTING TENANT SEPARATION WALL

PERCENTAGE OF WALL OPENING CALCULATIONS

| FIRE SEPARATION DISTANCE (FEET) FROM PROPERTY LINES | DEGREE OF OPENINGS PROTECTION (TABLE 705.6) | ALLOWABLE AREA (%) | ACTUAL SHOWN ON PLANS (%) |
|---|---|--------------------|---------------------------|
| | | | |

LIFE SAFETY PLAN REQUIREMENTS:
 LIFE SAFETY PLAN SHEET #, IF PROVIDED LS-1

LIFE SAFETY SYSTEM REQUIREMENTS:
 EMERGENCY LIGHTING: YES NO
 EXIT SIGNS: YES NO
 FIRE ALARM: YES NO
 SMOKE DETECTION SYSTEMS: YES NO
 CARBON MONOXIDE DETECTION: YES NO

ACCESSIBLE DWELLING UNITS N/A (SECTION 1107)

| 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-EXISTING (SECTION 1106)

| LOT OR PARKING AREA | TOTAL # OF PARKING SPACES | | # OF ACCESSIBLE SPACES PROVIDED | | | TOTAL # ACCESSIBLE PROVIDED |
|---------------------|---------------------------|----------|---------------------------------|-------------------|-----------------|-----------------------------|
| | REQUIRED | PROVIDED | REGULAR WITH 5' ACCESS AISLE | 132" ACCESS AISLE | 8' ACCESS AISLE | |
| | | | | | | |

PLUMBING FIXTURE REQUIREMENTS (TABLE 2902.1)

| USE | SPACE | REQUIRED | WATERCLOSETS | | URINALS | LAVATORIES | | SERVICE SINK | DRINKING FOUNTAINS | |
|-----|-------|----------|--------------|--------|---------|------------|--------|--------------|--------------------|-----|
| | | | MALE | FEMALE | MALE | MALE | FEMALE | REGULAR | ACCESSIBLE | |
| | A-2 | PROVIDED | 1 | | N/A | 1 | 1 | 1 | N/A | N/A |

UNISEX RESTROOM PROVIDED PER NCBC 2902.2 EXCEPTION 2
 DRINKING FOUNTAIN NOT REQUIRED PER NCPC 410.4

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

DESIGN LOADS: STRUCTURAL DESIGN-N/A EXISTING BUILDING
 IMPORTANCE FACTORS: WIND (I_w) _____
 SNOW (I_s) _____
 SEISMIC (I_e) _____
 LIVE LOADS: ROOF _____ PSF
 MEZZANINE _____ PSF
 FLOOR _____ PSF
 GROUND SNOW LOAD: _____ PSF
 WIND LOAD: BASIC WIND SPEED _____ MPH (ASCE-7)
 EXPOSURE CATEGORY _____

SEISMIC DESIGN CATEGORY A B C D

PROVIDE THE FOLLOWING SEISMIC DESIGN PARAMETERS:
 OCCUPANCY CATEGORY (TABLE 1604.5) I II III IV
 SPECTRAL RESPONSE ACCELERATION S_s _____ %g S₁ _____ %g
 SITE CLASSIFICATION (ASCE 7): A B C D E F
 DATA SOURCE: FIELD TEST PRESUMPTIVE HISTORICAL DATA

BASIC STRUCTURAL SYSTEM (CHECK ONE)
 BEARING WALL DUAL W/SPECIAL MOMENT FRAME
 BUILDING FRAME DUAL W/INTERMEDIATE R/C OR SPECIAL STEEL
 MOMENT FRAME INVERTED PENDULUM

ANALYSIS PROCEDURE SIMPLIFIED EQUIVALENT LATERAL FORCE DYNAMIC
 ARCHITECTURAL, MECHANICAL, COMPONENTS ANCHORED? YES NO

LATERAL DESIGN CONTROL: EARTHQUAKE WIND
SOIL BEARING CAPACITIES:
 FIELD TEST (PROVIDE COPY OF TEST REPORT) _____ PSF
 PRESUMPTIVE BEARING CAPACITY _____ PSF
 PILE SIZE, TYPE, AND CAPACITY _____

ENERGY REQUIREMENTS: N/A EXISTING BUILDING, NO CHANGES TO ENVELOPE

THE FOLLOWING DATA SHALL BE CONSIDERED MINIMUM AND ANY SPECIAL ATTRIBUTE REQUIRED TO MEET THE ENERGY CODE SHALL ALSO BE PROVIDED. EACH DESIGNER SHALL FURNISH THE REQUIRED PORTIONS OF THE PROJECT INFORMATION FOR THE PLAN DATA SHEET. IF PERFORMANCE METHOD, STATE THE ANNUAL ENERGY COST FOR THE STANDARD REFERENCE DESIGN VS THE ANNUAL ENERGY COST FOR THE PROPOSED DESIGN.

EXISTING BUILDING ENVELOPE COMPLIES WITH CODE: (IF CHECKED, THE REMAINDER OF THIS SECTION IS NOT APPLICABLE)
 EXEMPT BUILDING PROVIDE CODE OR STATUTORY REFERENCE: _____

CLIMATE ZONE: 3A 4A 5A
 METHOD OF COMPLIANCE:
 ENERGY CODE: PRESCRIPTIVE PERFORMANCE
 ASHRAE 90.1: PRESCRIPTIVE PERFORMANCE
 OTHER: PERFORMANCE (SPECIFY SOURCE) _____

THERMAL ENVELOPE (PRESCRIPTIVE METHOD ONLY) N/A EXISTING BUILDING

ROOF/CEILING ASSEMBLY (EACH ASSEMBLY):
 DESCRIPTION OF ASSEMBLY _____
 U-VALUE OF TOTAL ASSEMBLY: _____ R-VALUE OF INSULATION: _____
 SKYLIGHTS IN EACH ASSEMBLY _____ U-VALUE OF SKYLIGHT: _____
 TOTAL SQUARE FOOTAGE OF SKYLIGHTS IN EACH ASSEMBLY _____

EXTERIOR WALLS (EACH ASSEMBLY):
 DESCRIPTION OF ASSEMBLY _____
 U-VALUE OF TOTAL ASSEMBLY: _____ R-VALUE OF INSULATION: _____
 OPENINGS (WINDOWS OR DOORS WITH GLAZING) _____ U-VALUE OF ASSEMBLY: _____
 U-VALUE OF ASSEMBLY _____ SDLR HEAT GAIN COEFFICIENT: _____
 PROJECTION FACTOR _____ DOOR R-VALUES _____

WALLS BELOW GRADE (EACH ASSEMBLY):
 DESCRIPTION OF ASSEMBLY _____
 U-VALUE OF TOTAL ASSEMBLY: _____ R-VALUE OF INSULATION: _____

FLOORS OVER UNCONDITIONED SPACE (EACH ASSEMBLY):
 DESCRIPTION OF ASSEMBLY _____
 U-VALUE OF TOTAL ASSEMBLY: _____ R-VALUE OF INSULATION: _____

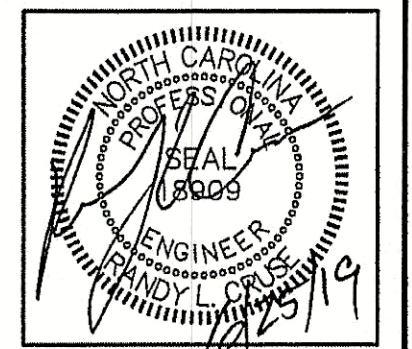
FLOOR SLAB ON GRADE:
 DESCRIPTION OF ASSEMBLY _____
 U-VALUE OF TOTAL ASSEMBLY: _____ R-VALUE OF INSULATION: _____
 HORIZONTAL / VERTICAL REQUIREMENT _____ SLAB HEATED ? _____

Summary:

ENERGY CODE: 2018 NORTH CAROLINA STATE BUILDING CODE: ENERGY CONSERVATION CODE
 BUILDING CODE: 2018 NORTH CAROLINA STATE BUILDING CODE: BUILDING CODE
 MECHANICAL CODE: 2018 NORTH CAROLINA STATE BUILDING CODE: MECHANICAL CODE
 PLUMBING CODE: 2018 NORTH CAROLINA STATE BUILDING CODE: PLUMBING CODE
 ELECTRICAL CODE: 2017 NATIONAL ELECTRIC CODE
 ACCESSIBILITY CODE: ICC/ANSI 117.1-2009 AMERICAN NATIONAL STANDARD ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES
 CONSTRUCTION: III-B
 OCCUPANCY: A-2

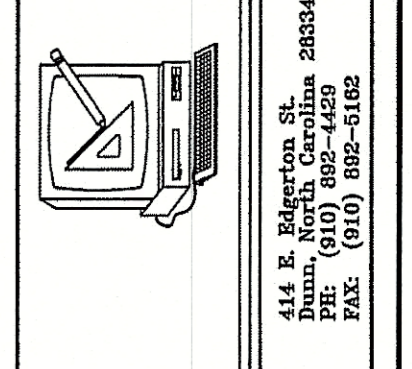
Sheet Index:

BD-1 BUILDING CODE SUMMARY
 LS-1 LIFE SAFETY PLAN



TOO GOOD TO BE HEALTHY, INC.
 63 MARSHBANKS STREET
 BUIS CREEK, NC

| REVISIONS | |
|-----------|--|
| NO. | |
| | |



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DATE 06-25-19
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 JOB NO. 19-13

SHEET NO.
BD-1