Harnett COUNTY NORTH CAROLINA

Approved
written 09/03/2019

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	16909	(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 ☐ ADDITION ☐ SHELL/CORE ☐ PHASED CONSTRUCTION - SHELL CORE ☐ 1ST TIME INTERIOR COMPLETIONS

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

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 ☐ I-B ☐ II-A ☐ II-B ☐ III-A ☒ III-B ☐ IV ☐ V-A ☐ 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

GROSS BUILDING AREA TABLE

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.

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

_____ + _____ + ... = _____ ≤1.00

ALLOWABLE HEIGHT

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

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[4] 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 THUS:
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 705.8)	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	VAN SPACES WITH 132" ACCESS AISLE	VAN SPACES WITH 8' ACCESS AISLE	

PLUMBING FIXTURE REQUIREMENTS (TABLE 2902.1)

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

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) EXSPOSURE 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 S_1 _____%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 _____ SOLAR 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:

NORTH CAROLINA PROFESSIONAL SEAL 29909 ENGINEER RANDY L. CRUSE 06/25/19

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

REVISIONS

NO.	

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FAX: (910) 892-4168
LICENSE NO.: C-1721

DATE 06-25-19
DRAWN BY BAM
JOB NO. 19-13

SHEET NO.
BD-1