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BUILDING CODE SUMMARY

(INCLUDES: NEW CONSTRUCTION, UPFITS, RENOVATIONS, ADDITIONS)

PROJECT INFORMATION - (REQUIRED INFORMATION FOR ALL PROJECTS)

NAME OF PROJECT: VIVA CHICKEN

ADDRESS: 1139 WOODRUFF ROAD - SUITE B, GREENVILLE, SC ZIP CODE: 29607

PROPOSED USE: A-2 ASSEMBLY

OWNER/AUTH. AGENT: DAVID MILLER PHONE #: 720-987-4450 EMAIL: david.miller@vivachicken.com

OWNED BY: ☐ CITY / COUNTY ☒ PRIVATE ☐ STATE

CODE ENFORCEMENT JURISDICTION: ☒ CITY GREENVILLE ☐ COUNTY ☐ STATE

PROJECT SUMMARY/ ALTERNATE MEANS OF COMPLIANCE- (REQUIRED INFORMATION FOR ALL PROJECTS)

BUILDING DESCRIPTION:

EXISTING 1 STORY, TYPE IIB, TWO-TENANT BUILDING

SCOPE OF WORK DETAILS: (IF PHASED CONST. SEE SUBMITTAL GUIDELINES):

RESTAURANT UPFIT IN EXISTING RESTAURANT SPACE. RESTROOMS AND EXIT DOORS TO REMAIN AS IS - NO CHANGE.

DOES THIS PROJECT HAVE AIR RIGHTS, EASEMENTS, AN ASSUMED OR DEEDED PROPERTY LINE, NO BUILD EASEMENTS OR OTHER CIRCUMSTANCES SIMILAR TO THE AFOREMENTIONED? ☒ NO ☐ YES (PROVIDE A COPY OF THE OFFICE DOCUMENTS)

DESIGN PROFESSIONAL INFORMATION - (REQUIRED INFORMATION FOR ALL PROJECTS)

LEAD DESIGN PROFESSIONAL: SCOTT BETZOLD sbetzold@d3studio.com

PROJECT MANAGER: JAMES W. TRAIN jtrain@d3studio.com

DESIGNER	FIRM	NAME	LICENSE#	PHONE# & EXT.	E-MAIL
ARCHITECTURAL	D3 STUDIO	SCOTT BETZOLD	101154	704.258.3963	sbetzold@d3studio.com
CIVIL	N/A				
ELECTRICAL	WAVE ENGINEERING	BRANDON R. DILLARD	032960	980.256.7728	bdillard@wave-engineering.com
FIRE ALARM	N/A				
PLUMBING	WAVE ENGINEERING	BRANDON R. DILLARD	032960	980.256.7728	bdillard@wave-engineering.com
MECHANICAL	WAVE ENGINEERING	BRANDON R. DILLARD	032960	980.256.7728	bdillard@wave-engineering.com
SPRINKLER / STANDPIPE	N/A				
STRUCTURAL	N/A				
RETAINING WALLS>5' HIGH	N/A				
OTHER	N/A				

TYPE OF WORK BEING PERFORMED - (REQUIRED INFORMATION FOR ALL PROJECTS)

WHAT TYPE OF WORK IS BEING PERFORMED?

- ☐ NEW CONSTRUCTION: (A PROJECT FROM THE SITE WORK THROUGH THE COMPLETION OF WORK IS REQ. FOR TENANT OCCUPANCY) THIS INCLUDES SHELL BUILDINGS.
- ☐ ADDITION: (AN EXISTING BUILDING THAT IS ADDING HEATED OR UNHEATED SPACE. THIS COULD BE AN ADDITION TO THE FOOTPRINT OR A VERTICAL EXPANSION)
- ☐ UPFIT: (FIRST TIME INTERIOR COMPLETION OF A VIRGIN (NEVER OCCUPIED) SHELL SPACE IN A NEWLY CONSTRUCTED BUILDING. PROVIDE COPY OF THE APPROVED SHELL)
- ☒ ALTERATION/RENOVATION: (PREVIOUSLY OCCUPIED SPACE) THIS INCLUDES CHANGE OF USE.

CODE DATA -

BUILDING CODES:
- ☒ 2018 INTERNATIONAL BUILDING CODE WITH SC MODIFICATIONS
- ☒ 2018 INTERNATIONAL MECHANICAL CODE
- ☒ 2018 INTERNATIONAL FUEL GAS CODE
- ☒ 2018 INTERNATIONAL PLUMBING CODE
- ☒ 2018 INTERNATIONAL FIRE CODE
- ☒ 2017 NATIONAL ELECTRICAL CODE
- ☒ 2009 INTERNATIONAL ENERGY CONSERVATION CODE
- ☒ 2017 ANSI 117.1 (ACCESSIBILITY)

CHECK ALL THAT APPLY: ☐ NEW BUILDING ☐ FIRST TIME INTERIOR COMPLETION (UPFIT) ☐ ADDITION ☐ SHELL BUILDING ☒ RENOVATION

EXISTING BUILDING DATA: (FOR UPFITS OR ADDITIONS)

YEAR OF CONSTRUCTION: 2013 PREVIOUS USE: A-2

BASIC BUILDING DATA - (REQUIRED INFORMATION FOR ALL PROJECTS)

CONSTRUCTION TYPE: (TABLE 601) (CHECK ALL THAT APPLY) ☐ I-A ☐ I-B ☐ II-A ☒ II-B ☐ III-A ☐ III-B ☐ IV-HT ☐ V-A ☐ V-B

SPRINKLERS: (SECTION 903) ☒ NO ☐ PARTIAL ☐ YES: ☐ NFPA 13 ☐ NFPA 13R ☐ NFPA 13D

STANDPIPES: (SECTION 905) ☒ NO ☐ YES CLASS ☐ I ☐ II ☐ III ☐ WET ☐ DRY NFPA 14-07

FIRE DISTRICT: ☒ NO ☐ YES (PRIMARY) (APPENDIX D)

FLOOD HAZARD AREA: (APPENDIX C) ☒ NO ☐ YES

BUILDING HEIGHT: (FEET) 32'-0" (TABLE 503) STORIES: 1

GROSS BUILDING AREA:

FLOOR	EXISTING (SQ. FT.)	NEW (SQ. FT.)	ALTERED	SUB-TOTAL
1ST FL.	6,074 OVERALL SF	N/A	2,070 SF	6,074 OVERALL SF
TOTAL	6,074 OVERALL SF	N/A	2,070 SF	6,074 OVERALL SF

ALLOWABLE AREA/OCCUPANCY CLASSIFICATION- (REQUIRED INFORMATION FOR ALL PROJECTS)

OCCUPANCY(S): (CHAPTER 3)
- ASSEMBLY (303) ☐ A-1 ☒ A-2 ☐ A-3 ☐ A-4 ☐ A-5
- BUSINESS (304) ☒ B
- EDUCATIONAL (305) ☐ E
- FACTORY (306) ☐ F-1 MODERATE ☐ F-2 LOW
- HAZARDOUS (307) ☐ H-1 DETONATE ☐ H-2 DEFLAGRATE ☐ H-3 COMBUST ☐ H-4 HEALTH ☐ H-5 HPM
- INSTITUTIONAL (308) ☐ I-1 ☐ I-2 ☐ I-3 ☐ I-4
- I-3 CONDITION ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
- MERCANTILE (309) ☐ M
- RESIDENTIAL (310) ☐ R-1 ☐ R-2 ☐ R-3 ☐ R-4
- STORAGE (311) ☐ S-1 (MODERATE) ☐ S-2 (LOW) ☐ HIGH-PILED ☐ PARKING GARAGE ☐ OPEN ☐ ENCLOSED ☐ REPAIR GARAGE

UTILITY AND MISCELLANEOUS (312) ☐ U

ACCESSORY OCCUPANCIES (≤10%): (508) IF APPLICABLE
- ASSEMBLY (303) ☐ A-1 ☐ A-2 ☐ A-3 ☐ A-4 ☐ A-5
- BUSINESS (304) ☐ B
- EDUCATIONAL (305) ☐ E
- FACTORY (306) ☐ F-1 MODERATE ☐ F-2 LOW
- HAZARDOUS (307) ☐ H-1 DETONATE ☐ H-2 DEFLAGRATE ☐ H-3 COMBUST ☐ H-4 HEALTH ☐ H-5 HPM
- INSTITUTIONAL (308) ☐ I-1 ☐ I-2 ☐ I-3 ☐ I-4
- I-3 CONDITION ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
- MERCANTILE (309) ☐ M
- RESIDENTIAL (310) ☐ R-1 ☐ R-2 ☐ R-3 ☐ R-4
- STORAGE (311) ☐ S-1 (MODERATE) ☐ S-2 (LOW) ☐ HIGH PILED ☐ PARKING GARAGE ☐ OPEN ☐ ENCLOSED ☐ REPAIR GARAGE

UTILITY AND MISCELLANEOUS (312) ☐ U

INCIDENTAL USES: IF APPLICABLE- AREAS WITH ADDITIONAL REQUIREMENTS (TABLE 508.2.5)
- ☐ FURNACE ROOM WHERE ANY PIECE OF EQUIPMENT IS OVER 400,000 BTU PER HOUR INPUT
- ☐ ROOMS WITH BOILERS WHERE THE LARGEST PIECE OF EQUIPMENT IS OVER 15 PSI AND 10 HORSEPOWER
- ☐ REFRIGERANT MACHINE ROOM
- ☐ HYDROGEN CUTOFF ROOMS, NOT CLASSIFIED AS GROUP H
- ☐ INCINERATOR ROOMS
- ☐ PAINT SHOPS, NOT CLASSIFIED AS GROUP H, LOCATED IN OCCUPANCIES OTHER THAN GROUP F
- ☐ LABORATORIES AND VOCATIONAL SHOPS, NOT CLASSIFIED AS GROUP H. LOCATED IN A GROUP E OR I-2 OCCUPANCY
- ☐ LAUNDRY ROOMS OVER 100 SQUARE FEET
- ☐ GROUP I-3 CELLS EQUIPPED WITH PADDED SURFACES
- ☐ GROUP I-2 WASTE AND LINEN COLLECTION ROOMS
- ☐ WASTE AND LINEN COLLECTION ROOMS OVER 100 SF
- ☐ STATIONARY STORAGE BATTERY SYSTEMS HAVING LIQUID ELECTROLYTE CAPACITY OF MORE THAN 50 GAL., OR A LITHIUM-ION CAPACITY OF 1,000 LBS USED FOR FACILITY STANDBY POWER, OR UNINTERRUPTED POWER SUPPLIES
- ☐ ROOMS CONTAINING FIRE PUMPS ☐ ROOMS CONTAINING LIFE-SAFETY GENERATOR ☐ ROOMS CONTAINING PRIMARY TRANSFORMERS
- ☐ GROUP I-2 STORAGE ROOMS OVER 100 SF
- ☐ GROUP I-2 COMMERCIAL KITCHENS
- ☐ GROUP I-2 LAUNDRIES EQUAL TO OR LESS THAN 100 SF
- ☐ GROUP I-2 ROOMS OR SPACES THAT CONTAIN FUEL-FIRED HEATING EQUIPMENT

SPECIAL USES: ☐ 402 ☐ 403 ☐ 404 ☐ 405 ☐ 406 ☐ 407 ☐ 408 ☐ 409 ☐ 410 ☐ 411 ☐ 412 ☐ 413 ☐ 414 ☐ 415 ☐ 416 ☐ 417 ☐ 418 ☐ 419 ☐ 420 ☐ 421 ☐ 422 ☐ 423 ☐ 424 ☐ 425 ☐ 426 ☐ 427

SPECIAL PROVISIONS: ☐ 509.2 ☐ 509.3 ☐ 509.4 ☐ 509.5 ☐ 509.6 ☐ 509.7 ☐ 509.8 ☐ 509.9

MIXED OCCUPANCY/USE: (506.5) ☐ NO ☒ YES SEPARATION: 2 HR EXCEPTION: N/A

☐ INCIDENTAL USE SEPERATION (509.4)
THIS SEPARATION IS NOT EXEMPT AS A NON - SEPARATED USE (SEE EXCEPTIONS).

☐ NON-SEPARATED USE (508.3)
THE REQUIRED TYPE OF CONSTRUCTION FOR THE BUILDING SHALL BE DETERMINED BY APPLYING THE HEIGHT AND AREA LIMITATIONS FOR EACH OF THE APPLICABLE OCCUPANCIES TO THE ENTIRE BUILDING. THE MOST RESTRICTIVE TYPE OF CONSTRUCTION, SO DETERMINED, SHALL APPLY TO THE ENTIRE BUILDING.

☒ SEPARATED USE (508.4) - 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. (508.4.2) IF APPLICABLE, PROVIDE A KEY PLAN WITH ALL OCCUPANCIES IDENTIFIED WITH SQUARE FOOTAGE.

$$\frac{2{,}070sf}{9{,}500sf} + \frac{3{,}694sf}{23{,}000sf} = \leq 1$$

$$.21 + .16 = .37 \leq 1.00$$

STORY NO.	DESCRIPTION & USE	(A) BLDG. AREA PER STORY (ACTUAL)	(B) TABLE 506.2 [4] AREA	(C) AREA FOR FRONTAGE INCREASE[1,5]	(D) ALLOWABLE AREA OR UNLIMITED[2,3]
1	A-2	2,070 SF	9,500 SF	N/A	9,500 SF
1	B	3,694 SF	23,000 SF	N/A	23,000 SF
TOTAL		5,764 SF			32,500 SF

1 FRONTAGE AREA INCREASES FROM SECTION 506.2 ARE COMPUTED THUS:
- A. PERIMETER WHICH FRONTS A PUBLIC WAY OR OPEN SPACE HAVING 20' MIN. WIDTH = ____(F)
- B. TOTAL BUILDING PERIMETER = ____(P)
- C. RATIO (F/P) = ____(F/P)
- D. W = MINIMUM WIDTH OF PUBLIC WAY = ____(W)
- E. PERCENT OF FRONTAGE INCREASE I = 100 [F/P - 0.25] X W/30 = ____ (%)

2 THE SPRINKLER INCREASE PER SECTION 506.3 IS AS FOLLOWS:
- A. MULTISTORY BUILDING Is = 200%
- B. SINGLE STORY BUILDING Is = 300%

3 UNLIMITED AREA APPLICABLE UNDER CONDITIONS OF OF SECTION 507

4 MAXIMUM BUILDING AREA = TOTAL # OF STORIES IN THE BUILDING x E (506.4). MAXIMUM OF 3.

5 THE MAXIMUM AREA OF OPEN PARKING GARAGES MUST COMPLY WITH TABLE 406.3.5. THE MAXIMUM AREA OF AIR TRAFFIC CONTROL TOWERS MUST COMPLY WITH TABLE 412.1.2.

ALLOWABLE HEIGHT

	ALLOWABLE	SHOWN ON PLANS	CODE REF.
BUILDING HEIGHT (FEET) (TABLE 504.3)	Feet 55'-0"	32'-0"	504.3
BUILDING HEIGHT (STORIES)(TABLE 504.4)	Stories 2	1	504.4

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

J. FIRE PROTECTION REQUIREMENTS - (CHAPTER 7) (REQUIRED INFORMATION FOR ALL PROJECTS)

LIFE SAFETY PLAN SHEET #, IF PROVIDED: LS1.0

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 HR				
BEARING WALLS: (SEE SEC. K (601-602) IF RATED)							
EXTERIOR							
NORTH	≥ 30	0 HR	0 HR				
EAST	≥ 30	0 HR	0 HR				
WEST	≥ 30	0 HR	0 HR				
SOUTH	≥ 30	0 HR	0 HR				
INTERIOR		0 HR	0 HR				
NON BEARING WALLS & PARTITIONS (SEE SECTION 601-602 IF RATED) EXTERIOR WALLS							
NORTH	≥ 30	0 HR	0 HR				
EAST	≥ 30	0 HR	0 HR				
WEST	≥ 30	0 HR	0 HR				
SOUTH	≥ 30	0 HR	0 HR				
INTERIOR WALLS AND PARTITIONS		0 HR	0 HR				
FLOOR CONSTRUCTION (INCLUDES SUPPORT BEAMS & JOISTS)		0 HR	0 HR				
ROOF CONSTRUCTION (INCLUDES SUPPORT BEAMS & JOISTS)		0 HR	0 HR				
SHAFT ENCLOSURES- EXIT		N/A	N/A				
SHAFT ENCLOSURES- OTHER THAN EXIT		N/A	N/A				
CORRIDOR SEP. T1018.1		N/A	N/A				
OCCUPANCY SEP. T508.4		2 HR	2 HR	UL-U419	(THIS IS EXISTING)		
PARTY / FIRE WALL SEP. T706.4		N/A	N/A				
SMOKE BARRIER SEP. S710		N/A	N/A				
TENANT SEP. S402.7.2		N/A	N/A				
INCIDENTAL USE SEP. T508.2.5		N/A	N/A				

EXISTING TO REMAIN

M. LIFE SAFETY SYSTEMS (EXISTING OR NEW SYSTEMS)

- EMERGENCY LIGHTING: (S1006) ☐ NO ☒ YES
- EXIT SIGNS: (S1011) ☐ NO ☒ YES
- FIRE ALARM: (S907, NFPA 72-07) ☒ NO ☐ YES
- SMOKE DETECTION SYSTEMS: (S907) ☒ NO ☐ YES ☐ PARTIAL ____
- PANIC HARDWARE: (S1010.1.10) ☒ NO ☐ YES (SEE EXCEPTION 1 UNDER SECTION 1010.1.10 OF THE SCBC)
- LIFE SAFETY SYSTEMS GENERATOR: (S2702.2) ☒ NO ☐ YES

O. EXIT REQUIREMENTS- (REQUIRED FOR ALL PROJECTS)

NUMBER AND ARRANGEMENT OF EXITS (TABLE 1021.1)

FLOOR, ROOM OR SPACE DESIGNATION	MINIMUM #[2] OF EXITS: REQ T1006.3.2 (SINGLE EXIT 1006.3.3)	MINIMUM # OF EXITS: SHOWN ON PLANS	TRAVEL DISTANCE: ALLOWABLE TRAVEL DISTANCE (TABLE 1017.2)	TRAVEL DISTANCE: ACTUAL TRAVEL DISTANCE SHOWN ON PLANS	ARRANGEMENT MEANS OF EGRESS[1,3] (SECTION 1015.2): REQUIRED DISTANCE BETWEEN EXIT DOORS	ARRANGEMENT MEANS OF EGRESS: ACTUAL DISTANCE OF EXITS SHOWN ON PLANS
A-2 (RESTAURANT)	2	3	200'-0"	88'-6"	33'-2"	37'-8"

1 CORRIDOR DEAD ENDS (SECTION 1018.4)
2 BUILDINGS WITH SINGLE EXITS (TABLE 1021.2), SPACES WITH ONE MEANS OF EGRESS (TABLE 1015.1)
3 COMMON PATH OF TRAVEL (SECTION 1014.3)
NOTE: NCSBC TABLE 1015.1 SPACES W/ ONE MEANS OF EGRESS : B OCCUPANCY = 49 MAXIMUM OCCUPANTS

OCCUPANT LOAD AND EXIT WIDTH: (TABLE 1004.1.1)

	USE GROUP OR SPACE DESCRIPTION[7]	(A) AREA[1] (SQ. FT.)	(B) AREA PER OCCUPANT (TABLE 1004.1.1)	CALCULATED OCCUPANT LOAD (A / B)	(C) EGRESS WIDTH PER OCCUPANT LOAD (SECTION 1005.1) STAIR	(C) LEVEL	EXIT WIDTH (IN)[2,3,4,5,6] REQUIRED WIDTH (SECTION 1005.1) (A / B) x C STAIR	REQUIRED LEVEL	ACTUAL WIDTH SHOWN ON PLANS STAIR	ACTUAL LEVEL
INTERIOR	STANDING	56	5 NET	12	0.3	0.2	-	2.4	-	72"
INTERIOR	DINING - UN CONC.	495	15 NET	33	0.3	0.2	-	6.6	-	72"
INTERIOR	DINING - FIXED BOOTH	205"	1 PER 24"	9	0.3	0.2	-	1.8	-	36"
INTERIOR	KITCHEN & EMPLOYEE	930	200	5	0.3	0.2	-	1.0	-	36"
EXTERIOR	DINING - UN CONC.	270	15	18	0.3	0.2	-	3.6	-	-
EXTERIOR										
EXTERIOR										

TOTAL INTERIOR	59
TOTAL EXTERIOR	18
OVERALL OCCUPANT TOTAL	77

1 SEE TABLE 1004.1.1 TO DETERMINE WHETHER NET OR GROSS AREA IS APPLICABLE. SEE DEFINITION "AREA, GROSS" AND "AREA, NET" (1002)
2 MINIMUM STAIRWAY WIDTH (SECTION 1009.1); MIN. CORRIDOR WIDTH (SECTION 1018.2); MIN. DOOR WIDTH (SECTION 1008.1.1)
3 MINIMUM WIDTH OF EXIT PASSAGEWAY (SECTION 1023.2)
4 SEE SECTION 1004.5 FOR CONVERGING EXITS.
5 THE LOSS OF ONE MEANS OF EGRESS SHALL NOT REDUCE THE AVAILABLE CAPACITY TO LESS THAN 50% OF THE TOTAL REQUIRED (1005.1)
6 ASSEMBLY OCCUPANCIES (SECTION 1028)
7 SPACES WITHIN OCCUPANCIES OR USE GROUPS SHALL BE CALCULATED INDEPENDENTLY. (EX. LOBBIES, LOUNGES, BREAK ROOMS, CONFERENCE ROOMS.)(IF ROOM IS LESS THAN 750 SF, ROOM MAY BE CALCULATED AT 100 SQ' PER PERSON FOR EGRESS).
(X) INDICATES ACTUAL SEATING COUNT OCCUPANCY PER SECTION 1004.7 OF NC BUILDING CODE, NOT TO EXCEED 1 OCCUPANT PER 7 SF

T. PLUMBING FIXTURE REQUIREMENTS - (NEW CONSTRUCTION, ADDITIONS, UPFITS, ALTERATIONS AND CHANGE OF USE OR IF INCREASING OCCUPANT LOAD) IF USING FIXTURES ONE FLOOR ABOVE OR ONE FLOOR BELOW, SHOW CALCULATIONS TO SATISFY THE COUNT (TABLE 2902.1)

OCCUPANCY USE GROUP AND / OR SPACE DESIGNATION	WATERCLOSETS MALE	WATERCLOSETS FEMALE	URINAL	LAVATORIES MALE	LAVATORIES FEMALE	SHOWERS/ TUBS	DRINKING FOUNTAINS REGULAR	DRINKING FOUNTAINS ACCESSIBLE
TOTAL REQUIRED (A-2)	1	1	N/A	1	1	0	N/A	N/A
TOTAL PROVIDED	1	1				0	N/A	N/A

* SC PLUMBING CODE - 424.2 URINAL SUBSTITUTION FOR WATER CLOSETS
NOTE: 2009 SCBC PLUMBING CODE SECTION 410.4: "WHERE WATER IS SERVED IN RESTAURANTS DRINKING FOUNTAINS SHALL NOT BE REQ'D.

TOILET CALC.

(A) OCCUPANT LOAD	MALE / FEMALE COUNT A X 0.5	OCCUPANCY	# OF REQUIRED TOILETS	# OF TOILETS SHOWN ON PLAN
77	38 M/ 39 F	1 PER 75 (A-2 RESTAURANT)	1M/1F	2

P. ACCESSIBLE DWELLING UNITS AND SLEEPING UNITS - (ONLY FOR R-1, R-2 OCCUPANCY) (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
N/A							

TABLE 2508.2
ALLOWABLE NONBEARING PARTITION HEIGHTS BASED ON WALLBOARD AND GAUGE STUDS ACTING AS A COMPOSITE SECTION

KEY *A
ASSUMING 5PSF AND DEFLECTION = L/240
S200 - 2" FLANGE 97 - 12 GAUGE
S162 - 1⅝" FLANGE 33 - 20 GAUGE
54 - 16 GAUGE

*** SEE WALL TYPES FOR SPECIFIC CRITERIA ***

STUD SPACING (IN)	FACING EACH SIDE	GAUGE	"MODEL"	1⅝"	2½"	3¼"	3⅝"	4"	6"	NOTES:
12" O.C.	1/2" - ONE PLY	12 GAUGE	*A 362 S200 - 97				28'-2"			FOR A 24' CLEAR BUILDING WITH 24'-30' SPANS
12" O.C.	1/2" - ONE PLY	12 GAUGE	*A 400 S200 - 97					30'-6"		FOR A 24' CLEAR BUILDING WITH 24'-30' SPANS
12" O.C.	1/2" - ONE PLY	20 GAUGE	*A 600 S200 - 33						29'-11"	FOR A 24' CLEAR BUILDING WITH 24'-30' SPANS
12" O.C.	1/2" - ONE PLY	12 GAUGE	N/A @ L/120				35'-6"			FOR A 30' CLEAR BUILDING WITH 30'-35' SPANS
12" O.C.	1/2" - ONE PLY	-	*A 362 S200 - 97					N/A		FOR A 30' CLEAR BUILDING WITH 30'-35' SPANS
12" O.C.	1/2" - ONE PLY	16 GAUGE	-						35'-2"	FOR A 30' CLEAR BUILDING WITH 30'-35' SPANS
16" O.C.	1/2" - ONE PLY	12 GAUGE	*A 600 S200 - 54						36'-1"	FOR A 30' CLEAR BUILDING WITH 30'-35' SPANS
16" O.C.	1/2" - ONE PLY	NO. 25 GAUGE	*A 600 S162 - 97	11'-0"	14'-8"	17'-10"	19'-5"	20'-8"	18'-10"	*B
24" O.C.	1/2" - ONE PLY	NO. 25 GAUGE	-	10'-0"	13'-5"	16'-0"	17'-3"	18'-5"	17'-8"	*B
24" O.C.	1/2" - ONE PLY	NO. 25 GAUGE	-	12'-4"	15'-10"	18'-3"	19'-5"	20'-8"	19'-0"	*B

KEY *B
1. THE TABULATED STUD HEIGHTS ARE BASED ON 0.0179" UNCOATED THICKNESS (25GA) STEEL STUDS MANUFACTURED IN COMPLIANCE WITH ASTM C 754 FOR INSTALLATION OF SCREW-TYPE STEEL FRAMING MEMBERS TO RECEIVE GYPSUM BOARDS.
2. GYPSUM BOARD PRODUCT MUST BE 1/2" MINIMUM THICKNESS AND MAY BE APPLIED VERTICALLY OR HORIZONTALLY.

STUD TABLE SCALE: N.T.S. 1

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SCOTT F. BETZOLD REGISTERED ARCHITECT 9280 SOUTH CAROLINA CHARLOTTE, N.C.

02.09.2021

FOR CONSTRUCTION

Viva Chicken
PERUVIAN ROTISSERIE JOINT

1139 WOODRUFF RD.
-SUITE B
GREENVILLE, SC
29607

REVISION

no.	date	comment

DRAWN BY	JWT
CHECKED BY	SFB
SUBMITTAL DATE	02.09.2021
PROJECT NUMBER	02-2031

COVER SHEET: APPENDIX B

CV2

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