

2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
(EXCEPT 1 AND 2-FAMILY DWELLINGS AND TOWNHOUSES)
(Reproduce the following data on the building plans sheet 1 or 2.)

Name of Project: Mega Club Parking Station
Address: 6602 2nd Case Way Zip Code: 28252
Owner/Authorized Agent: MEGA CLUB Phone: (770) 297-1017 E-Mail: info@megacub.com
Owned By: City/County Private State
Code Enforcement Jurisdiction: City/Town County State

CONTACT:
PERSON TITLE NAME LICENSE # TELEPHONE # E-MAIL
Architectural David T. Holcomb AIA 218-416-9009 david@trtll.com
Civil Engineer David L. DeWitt 910-294-3044 david@trtll.com
Electrical Michael C. Moore PE 910-294-3044 michael@trtll.com
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Mechanical David P. Moore PE 910-294-3044 david@trtll.com
Structural David P. Moore PE 910-294-3044 david@trtll.com
Other David P. Moore PE 910-294-3044 david@trtll.com

2018 NC BUILDING CODE: New Building Addition Renovation
 1st Time Interior Completion
 Sheetrock - Contact the local inspection jurisdiction for possible additional procedures and requirements
 Plaster/Groutwork - Sheetrock - Contact the local inspection jurisdiction for possible additional procedures and requirements

2018 NC EXISTING BUILDING CODE: EXISTING: Prescriptive Repair Chapter 14
Alteration: Level I Level II Level III
 Historic Property Change of Use

CONSTRUCTED: (date) _____ CURRENT OCCUPANCY (S) (Ch. 17): _____
RENOVATED: (date) _____ PROPOSED OCCUPANCY (S) (Ch. 17): _____

RISK CATEGORY (Table 1604.5) Current: I II III IV
Proposed: I II III IV

BASIC BUILDING DATA
Construction Type: I-A I-B I-C I-D I-E
 II-A II-B II-C II-D II-E
 III-A III-B III-C III-D III-E
Sprinklers: No Partial Yes NFPA 13 NFPA 13R NFPA 13D
Standpipes: No Yes Class: I II III Wet Dry
Fire District: No Yes Flood Hazard Area: No Yes
Special Inspections Required: No Yes (Contact the local inspection jurisdiction for additional procedures and requirements.)

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PERCENTAGE OF WALL OPENING CALCULATIONS

Fire Separation Location: (Except Taming Recreational Courts)	Protected: (Table 200.3)	Not Protected	Fire Rating (Table 200.3)
12'-0" to knee (57'-0" to canopy)	Unprotected, Non-SPR	No limit	14

LIFE SAFETY SYSTEM REQUIREMENTS
Emergency Lighting: No Yes
Exit Signs: No Yes
Fire Alarms: No Yes
Smoke Detection System: No Yes Partial
Carbon Monoxide Detection: No Yes

LIFE SAFETY PLAN REQUIREMENTS
Life Safety Plan Sheet 1: _____
N/A Fire and/or smoke rated wall locations (Chapter 7)
N/A Assumed and real property line locations (if not on the site plan)
N/A Exterior wall opening area with respect to distance to assumed property lines (705.5)
Occupancy load for each area as it relates to occupant load calculation (Table 1004.1.1)
Occupant load for each area
N/A Exit access travel distances (1017)
N/A Common path of travel distances (Tables 1006.2.1 & 1006.2.2)(1)
N/A Dead end lengths (1020.4)
Clear exit widths for each exit door
Maximum calculated occupant load capacity each exit door can accommodate with egress width (1005)
Actual occupant load for each exit door
N/A A separate schematic plan indicating where fire-rated floor covering and fire-rated ceiling is provided for purposes of occupant egress
N/A Location of doors with panic hardware (1010.1.1)(1)
N/A Location of doors with delayed egress locks and the amount of delay (1010.1.9.7)
N/A Location of doors with electromagnetic locking (1010.1.9.9)
N/A Location of doors with hold-open devices
N/A Location of emergency exits
N/A The square footage of each exit
N/A Note any egress conditions or other issues that have been utilized regarding the items above

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Gross Building Area Table

FLOOR	EXISTING (SQ FT)	NEW (SQ FT)	SUB-TOTAL
1st Floor	0	0	0
2nd Floor	0	0	0
3rd Floor	0	0	0
4th Floor	0	0	0
Basement	0	0	0
TOTAL	0	0	0

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 Detonable H-2 Deflagrate H-3 Combust H-4 Health H-5 HPM
Institutional: I-1 Condition I-2 I-3 I-4 I-5 I-6
Mercantile: M-1 M-2 M-3 M-4
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: U-1 U-2 U-3

Accessory Occupancy Classification(s):
Incidental Uses (Table 509):
Special Uses (Chapter 4 - List Code Sections):
Special Provisions (Chapter 5 - List Code Sections):
Mixed Occupancy: No Yes Separation: Hc Exception: _____
 Non-Separated Use (105.3) - 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 (505.4) - 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.
Actual Area of Occupancy A: _____ Allowable Area of Occupancy B: _____
Actual Area of Occupancy A / Allowable Area of Occupancy B ≤ 1

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ACCESSIBLE DWELLING UNITS (ADUs) (See 110.21.1107)

Area	Bedrooms	Bathrooms	Kitchen	Living Area	Total
1	1	1	1	1	4

PERMISSIBLE PARKING (Table 1002.1.1)

Area	Permitted	Prohibited	Notes
1	1	1	

PLUMBING FIXTURE REQUIREMENTS (TABLE 1902.1)

Area	1	2	3	4	5
1	1	1	1	1	1

SPECIAL APPROVALS

Special approval: (Local Jurisdiction, Department of Insurance, FSC, LPR, DISR), etc., describe herein:

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ENERGY REQUIREMENTS

FLOOR	Area	U-Value	U-Value	U-Value	U-Value
1	1	1	1	1	1
2	2	2	2	2	2

ENERGY SUMMARY
Existing building envelope complies with code: No Yes (The remainder of this section is not applicable)
Envelope Building: No Yes (Indicate one or more violations below)
Climate Zone: 3A 3B 3C
Method of Compliance: Energy Code Performance Prescriptive
ASHRAE 90.1 Performance Prescriptive
(If "Other" specify source here.) _____

THERMAL ENVELOPE (Prescriptive - method only)
Roofing Assembly (each assembly):
Description of assembly: _____
U-Value of total assembly: _____
R-Value of insulation: _____
U-Value of assembly: _____
Total square footage of this assembly: _____ sq ft
Exterior Walls (each assembly):
Description of assembly: _____
U-Value of total assembly: _____
R-Value of insulation: _____
U-Value of assembly: _____
Total square footage of this assembly: _____ sq ft
Windows (each assembly):
Description of assembly: _____
U-Value of total assembly: _____
R-Value of insulation: _____
U-Value of assembly: _____
Total square footage of this assembly: _____ sq ft
Walls below grade (each assembly):
Description of assembly: _____
U-Value of total assembly: _____
R-Value of insulation: _____
U-Value of assembly: _____
Total square footage of this assembly: _____ sq ft
Floors over unconditioned space (each assembly):
Description of assembly: _____
U-Value of total assembly: _____
R-Value of insulation: _____
U-Value of assembly: _____
Total square footage of this assembly: _____ sq ft
Floors slab on grade:
Description of assembly: _____
U-Value of total assembly: _____
R-Value of insulation: _____
U-Value of assembly: _____
Total square footage of this assembly: _____ sq ft

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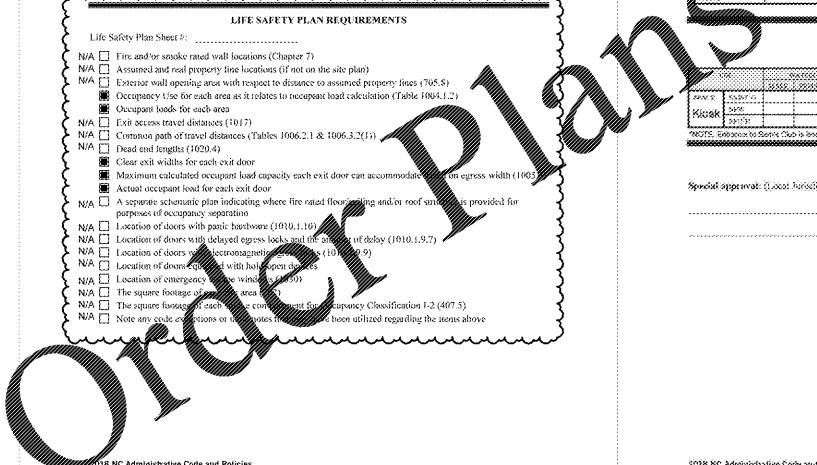
CHARLOTTE, NC
CLUB NO: 6540
SAMS CLUB
18 MOON PHOTO
JCS NUMBER: _____

ISSUE BLOCK

REV	DATE	DESCRIPTION
1	REV 1	10-18-19

CHECKED BY: TTH
DRAWN BY: JC
FILE NAME: 192-FS4
PROTO CYCLE: 10/25/18
DOCUMENT DATE: 09/20/19

NOT FOR CONSTRUCTION



BUILDING CODE SUMMARY

SHEET: FSA4