2012 APPENDIX B BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS

(EXCEPT 1 AND 2-FAMILY DWELLINGS AND TOWNHOUSES)

Proposed Use: U Owner/Authoriza Owned By: Code Enforceme	ed Agent: Payn	ian Nadim	Phone #					und storage pnadmi@sam
Owned By: Code Enforceme		City		(704)			P.Adell	
Code Enforceme	ent Jurisdiction;		Janas		207 - 0449		T-taibit	prisonnicusam
	ent Jurisdiction:	X City	y/Courts		X Private		Sts	ite
T E I IN INCOTON			y		County_		☐ Sta	ite
TEAN DESIGN								
	PROFESSIO	NAL:						
DESIGNER	FIRM		NAME		LICENSE#	TELEPH	ONE#	E-MAIL
Architectural Civil						-		
Civii Electrical						- }		
Fire Alarm						- (
Plumbing								
Mechanical	Harrison French en				020045		273-7780	entigeemed elme
Sprinkler-Standp						-		
Structural Retaining Walls	~ £1 TTi-Ja					-		
Other	-3 riigii					- }		
EXISTING: CONSTRUCTE RENOVATED	ED: (date) : (date)	n 🗆	Alteratio ORIGI CURRI	n NAL USI ENT USE	Addition Repair C(S) (Ch. 3): C(S) (Ch. 3): C(S) (Ch. 3):	Ren	ovation	
EXISTING: CONSTRUCTE RENOVATED	Reconstructio	n 🗆	Alteratio ORIGI CURRI	n NAL USI ENT USE	Repair (S) (Ch. 3): (S) (Ch. 3):	Ren	ovation	
EXISTING: CONSTRUCTE RENOVATED BASIC BUILDI	Reconstructio ED: (date) : (date) ING DATA	n 🗆	Alteratio ORIGI CURRI	n NAL USI ENT USE OSED US	Repair (S) (Ch. 3): (S) (Ch. 3):	Ren	ovation	
EXISTING: CONSTRUCTE RENOVATED	Reconstructio	n 🗆	Alteratio ORIGI CURRI PROPO	n NAL USE ENT USE OSED US	Repair C(S) (Ch. 3): C(S) (Ch. 3): E(S) (Ch. 3):	Ren	ovation	
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EXISTING: CONSTRUCTE RENOVATED. BASIC BUILDI Construction Ty (check all that ap Sprinklers: Strandplpes: Fire District: Building Height Gross Building Height Gross Building FLOOR 6th Floor 4th Floor The Floor	Reconstructio ED: (date) : (date) ING DATA ypet	-A -B Partial Ye Yes Class Yes (Primar)	Alteratio ORIGI CURRI PROPO III-A III-B	n NAL USI	Repair	☐ Ren ☐ IV ☐ IV ☐ FPA 13R Vet ☐ Dry ☐ No	□ NF	U-A U-B PA 13D
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EXISTING: CONSTRUCTE RENOVATED BASIC BUILDI Construction Ty check all that ag Sprinklers: Standplose: Fire District: Building Height Gross Building Height Gross Building FLOOR 6 Floor 5 Floor 4 Floor 2 Floor 2 Floor	Reconstructio ED: (date) : (date) ING DATA ypet	-A -B Partial Ye Yes Class Yes (Primar)	Alteratio ORIGI CURRI PROPO III-A III-B	n NAL USI	Repair	☐ Ren ☐ IV ☐ IV ☐ FPA 13R Vet ☐ Dry ☐ No	□ NF	U-A U-B PA 13D
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ALLOWABLE AREA

Assembly	□ A-	I □ A-2	☐ A-3	□ A-4	□ A-3	i		
Business								
ducational								
actory	☐ F-1	Moderate	□ F-2	Low				
Iazardous	☐ H-	Detonate	☐ H-2	Deflagn	ate 🗌 I	I-3 Combust	H-4 Health	. 🔲 H-5 HP?
nstitutional	□ 1-1	1-2	1-3					
1-3 Cc	ndition	□ 1	□ 2	□3	□4	□ 5		
Mercantile								
Residential	□ R-	□ R-2	□ R-3	□ R-4				
•	= -			P 0 0		—	9.4	

S-1 Moderate S-2 Low High-piled
Parking Garage Open Enclosed Repair Garage
Misceflaneous

| Februarion | Feb

Incidental Uses (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

Hydrogen cutoff rooms, not classified as Group H

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 square feet

Stationary storage batters yettens having a liquid electrotyte capacity of more than 50 gallons, or a lithium-ion capacity of 1,000 pounds used for facility standby power, emergency power or uninterrupted power

Rooms containing fire pumps
Group I-2 storage rooms over 100 square feet

Group I-2 commercial kitchens Group I-2 Isundries equal to or less than 100 square feet

Group I-2 rooms or spaces that contain fuel-fired heating eq

☐ Incidental Use Separation (508.2.5) 2012 NC Administrative Code and Policies

FIRE PROTECTION REQUIREMENTS

BUILDING ELEMENT				DETAIL#	DESIGN#	DESIGN# FOR	DESIGN#
	SEPARATION DISTANCE (FEET)	REQ'D	PROVIDED (W/* REDUCTION)	AND SHEET#	FOR RATED ASSEMBLY	RATED PENETRATION	FOR RATED JOINTS
Structural Frame, including solumns, girders, trusses							
Boaring Walls				l			1
Exterior				1			
North							
Enst				i			
West							
South							
Interior							
Nonbearing Walls and Partitions							
Exterior walls				L			L
North				<u> </u>	<u> </u>		
East							
West				L			m 3
South		1	l	1	Į.	. ////	W M.
Interior wells and partitions						Illus	
Floor Construction Including supporting beams and joints							
Roof Construction Including supporting beams and joints						W y	"
Shaft Enclosures - Exit	1					1100	Ī
Shaft Enclosures - Other					***************************************		
Corridor Separation			rud//	7			
Occupancy Separation		7	Mh.		<u> </u>		
Party/Pire Wall Separation		L		1	l		
Smoke Barrier Separation							
Tenant Separation	y and a second	I					
Incidental Use Separation	#				1	1	

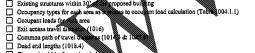
LIFE SAFETY SYSTEM REQUIREMENTS

LIFE SAFETY PLAN REQUIREMENTS

Fire and/or smoke rated wall locations (Chapter 7) Assumed and real property line locations

Life Safety Plan Sheet #:

Exterior wall opening area with respect to distance to assumed property lines (705.8)



ant load for each exit door

chematic plan indicating where fire rated floor/ceiling and/or roof structure is provided for occupancy separation with panic hardware (1008.1.10)

with delayed egress locks and the amount of delay (1008.1.9.7) magnetic egress locks (1008.1.9.8)

quipped with hold-open devices gency escape windows (1029) ge of each fire area (902) on of each smoke compariment (407.4)

ceptions or table notes that may have been utilized regarding the items above

ACCESSIBLE DWELLING UNITS (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

LOT OR PARKING	TOTAL # OF PARKING SPACES		# OF AC	TOTAL#		
AREA	REQUARED	PROVIDED	REGULAR WITH	VAN SPACE	AN SPACES WITH ACCESSIBLE	
			5' ACCIESS AISLE	132" ACCESS	8' ACCESS AISLE	PROVIDED
						ļ
TOTAL						

	STRUCTURAL DES	514
LOADS:		

Importance Factors:	Wind (I _W) Snow (I _S) Seismic (I _E)	
Live Loads:	Roof Mezzanine Floor	psf psf
Ground Snow Load:	p	sf .

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. 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.

Actual Area of Occupancy A
Allowable Area of Occupancy A
Allowable Area of Occupancy B
Allowable Area of Occupancy B

STORY NO	DESCRIPTION AND USE	(A) BLDG AREA PER STORY (ACTUAL)	(B) TABLE 503 ⁵ AREA	(C) AREA FOR FRONTAGE INCREASE	(D) AREA FOR SPRINKLER INCREASE ²	(E) ALLOWABLE AREA OR UNLIMITED	(F) MAXIMUM BUILDING AREA [‡]

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 =

b. Total Building Perimeter (P)

d. W = Minimum width of public way (P)

d. W = Minimum width of public way (W)

The sprinkfer increase pre-fection 506.3 is as follows:

a. Multi-story building 1, = 200 percent

b. Single Story building 1, = 300 percent

b. Single Story building 1, = 300 percent

d. Maximum Building Area = Intell number of sufficient of Section 3

Unlimited area applicable under conditions of Section 3

Unlimited area applicable under conditions of Section 3

The maximum area of open parking garage what comply we want to the section of the

All p				
Alla	ALL (TABLE	LEASE FOR SHORKLERS	SHOWN ON PLANS	CODE REFERENCE
Type of Construction	144/		Туре	
Building Height in Fee		Feet = H + 20' =		
Building Height in Storie	/A.	Stories + 1 m	1	1

2012 NC Administrative Code and Policies

Wind Load:	Basic Wind Speed	mph (ASCE-7)	
	Exposure Category Wind Base Shears (for M	(WFRS) Vx =	٧

SEISMIC DESIGN CATEGORY:	□a	□в	□c	□ D
Provide the following Scismic Design Parameters: Occupancy Category (Table 1604.5)	□ I	ПП	m 🗆	□ŧv
Spectral Response Acceleration S ₅ Site Classification (Table 1613.5.2)	% . □ B		S ₁	%g □E □F
Data Source: F	ield Test	□Pr	esumptiv	e Historical Data
Basic structural system (check one)				
Bearing Wall Dua	i w/Spec	ial Mome	nt Frame	

LATERAL DESIGN CONTROL: SOIL BEARING CAPACITIES: Field Test (provide copy of test report)
Presumptive Bearing capacity
Pile size, type, and capacity

☐ Yes ☐ No SPECIAL INSPECTIONS REQUIRED:

PLUMBING FIXTURE REQUIREMENTS (TABLE 2902.1)

USE		WATERCLOSETS		URINALS	LAVATORIES		SHOWERS/	DRINKING FOUNTAINS	
		MALE	FEMALE		MALE	FEMALE	TUBS	REGULAR	ACCESSIBLE
SPACE	EXISTING								
l	NEW								
	REQUIRED								

SPECIAL APPROVALS Special approval: (Local Jurisdiction, Department of Insurance, OSC, DPI, DHHS, ICC, etc., describe below)

ENERGY SUMMARY

2012 NC Administrative Code and Policies



SAM'S MART 4965 UNIVERSITY PARKWAY WINSTON-SALEM, NC 27106

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APPENDIX B (SHEET 1)

FS1.1