# 2012 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:			
Address:			Zip Code
Proposed Use:			i
Owner/Authorized Agent:	Phone # (	) -	E-Mail
Owned By:	City/County	Private	
Code Enforcement Jurisdiction:		County	State
LEAD DESIGN PROFESSION	AL:		
DESIGNER FIRM	NAME	LICENSE #	TELEPHONE # E-MAIL
Architectural			
Civil	<u></u>		(
Electrical			()
Plumbing			
Mechanical			( )
Sprinkler-Standpipe			()
Structural			()
Retaining Walls >5' High			
Other			()
2012 EDITION OF NC CODE F EXISTING: Reconstruction CONSTRUCTED:(date)	Alteration ORIGINAL U	Bepair USE(S) (Ch. 3):	Renovation
2012 EDITION OF NC CODE F EXISTING: Reconstruction CONSTRUCTED: (date) RENOVATED: (date)	Alteration Alteration ORIGINAL U CURRENT U PROPOSED	Image: Constraint of the second se	Renovation
2012 EDITION OF NC CODE F EXISTING: Reconstruction CONSTRUCTED: (date) RENOVATED: (date)	Alteration Alteration ORIGINAL U CURRENT U PROPOSED	Image: Addition         Image: Repair         USE(S) (Ch. 3):         Image: SE(S) (Ch. 3):         USE(S) (Ch. 3):	Renovation
2012 EDITION OF NC CODE F EXISTING: Reconstruction CONSTRUCTED: (date) RENOVATED: (date) BASIC BUILDING DATA Construction Type: I-A	Alteration CURRENT U PROPOSED I II-A	☐ Repair ☐ Repair JSE(S) (Ch. 3): SE(S) (Ch. 3): USE(S) (Ch. 3):	
2012 EDITION OF NC CODE F         EXISTING:       Reconstruction         CONSTRUCTED:       (date)         RENOVATED:       (date)         BASIC BUILDING DATA         Construction Type:       I-A         (check all that apply)       I-B	Alteration CURRENT U PROPOSED I II-A II-B	☐ Repair ☐ Repair JSE(S) (Ch. 3): SE(S) (Ch. 3): USE(S) (Ch. 3): ☐ III-A ☐ III-B	Renovation
2012 EDITION OF NC CODE F         EXISTING:       Reconstruction         CONSTRUCTED:       (date)         RENOVATED:       (date)         BASIC BUILDING DATA         Construction Type:       I-A         (check all that apply)       I-B         Sprinklers:       No       Part	Alteration  Alteration  Alteration  CURRENT U  PROPOSED  II-A II-B tial Yes	☐ Repair JSE(S) (Ch. 3): SE(S) (Ch. 3): USE(S) (Ch. 3): USE(S) (Ch. 3): ☐ III-A ☐ III-B FPA 13 ☐ NF	□ Opin □ Renovation □ IV □ V-A □ V-B FPA 13R □ NFPA 13D
2012 EDITION OF NC CODE F         EXISTING:       Reconstruction         CONSTRUCTED:       (date)         RENOVATED:       (date)         BASIC BUILDING DATA         Construction Type:       I-A         (check all that apply)       I-B         Sprinklers:       No       Part         Standpipes:       No       Yes	Alteration  Alteration  Alteration  CURRENT U  PROPOSED V  II-A II-B  tial Yes NV  Class I I II	☐ Repair ☐ Repair JSE(S) (Ch. 3): SE(S) (Ch. 3): USE(S) (Ch. 3): USE(S) (Ch. 3): ☐ III-A ☐ III-B FPA 13 ☐ NF ☐ III ☐ We	□ Opin □ Renovation □ IV □ V-A □ V-B PA 13R □ NFPA 13D et □ Dry
2012 EDITION OF NC CODE F         EXISTING:       Reconstruction         CONSTRUCTED:       (date)         RENOVATED:       (date)         BASIC BUILDING DATA         Construction Type:       I-A         (check all that apply)       I-B         Sprinklers:       No       Part         Standpipes:       No       Yes         Fire District:       No       Yes	Alteration  Alteration  Alteration  CURRENT U  PROPOSED U  II-A II-B  tial Yes NI  Class I I II	☐ Repair ☐ Repair JSE(S) (Ch. 3): SE(S) (Ch. 3): USE(S) (Ch. 3): USE(S) (Ch. 3): ☐ III-A ☐ III-B FPA 13 ☐ NF ☐ III ☐ We I Hazard Area:	□ Opin □ Renovation □ IV □ V-A □ V-B PA 13R □ NFPA 13D et □ Dry □ No □ Yes
2012 EDITION OF NC CODE F         EXISTING:       Reconstruction         CONSTRUCTED:       (date)         RENOVATED:       (date)         BASIC BUILDING DATA         Construction Type:       I-A         (check all that apply)       I-B         Sprinklers:       No       Part         Standpipes:       No       Yes         Fire District:       No       Yes         Building Height:       (feet)       I-B	Alteration  Alteration  Alteration  CURRENT U  PROPOSED U  II-A II-B  tial Yes Class I III  (Primary) Flood	Image: Constraint of the second system       Image: Constraint of the second system         Image: Constraint of the second system       Image: Constraint of the second system         Image: Constraint of the second system       Image: Constraint of the second system         Image: Constraint of the second system       Image: Constraint of the second system         Image: Constraint of the second system       Image: Constraint of the second system         Image: Constraint of the second system       Image: Constraint of the second system         Image: Constraint of the second system       Image: Constraint of the second system         Image: Constraint of the second system       Image: Constraint of the second system         Image: Constraint of the second system       Image: Constraint of the second system         Image: Constraint of the second system       Image: Constraint of the second system         Image: Constraint of the second system       Image: Constraint of the second system         Image: Constraint of the second system       Image: Constraint of the second system         Image: Constraint of the second system       Image: Constraint of the second system         Image: Constraint of the second system       Image: Constraint of the second system         Image: Constraint of the second system       Image: Constraint of the second system         Image: Constraint of the second system       Image: Consecond system <t< td=""><td>□ Opin □ Renovation □ IV □ V-A □ V-B PA 13R □ NFPA 13D et □ Dry □ No □ Yes</td></t<>	□ Opin □ Renovation □ IV □ V-A □ V-B PA 13R □ NFPA 13D et □ Dry □ No □ Yes
2012 EDITION OF NC CODE F         EXISTING:       Reconstruction         CONSTRUCTED: (date)	Alteration  Alteration  Alteration  CURRENT U  PROPOSED U  II-A II-B  tial Yes  Class I III  (Primary)  Flood	☐ Repair ☐ Repair JSE(S) (Ch. 3): SE(S) (Ch. 3): USE(S) (Ch. 3): USE(S) (Ch. 3): ☐ III-A ☐ III-B FPA 13 ☐ NF ☐ III ☐ We I Hazard Area:	□ Opin □ Renovation □ IV □ V-A □ V-B PA 13R □ NFPA 13D et □ Dry □ No □ Yes
2012 EDITION OF NC CODE F         EXISTING:       Reconstruction         CONSTRUCTED:       (date)         RENOVATED:       (date)         BASIC BUILDING DATA         Construction Type:       I-A         (check all that apply)       I-B         Sprinklers:       No       Part         Standpipes:       No       Yes         Fire District:       No       Yes         Building Height:       (feet)       Gross Building Area:         FLOOR       EXISTING (S	Alteration  Alteration  Alteration  CURRENT U  PROPOSED  II-A  II-B  tial Yes  Class I  Flood  (Primary)  Flood	☐ Repair ☐ Repair JSE(S) (Ch. 3): SE(S) (Ch. 3): USE(S) (Ch. 3): ☐ III-A ☐ III-B FPA 13 ☐ NF ☐ III ☐ We I Hazard Area: (SO FT)	□ Opin □ Renovation □ IV □ V-A □ V-B FPA 13R □ NFPA 13D et □ Dry □ No □ Yes SUB-TOTAL
2012 EDITION OF NC CODE F         EXISTING:       Reconstruction         CONSTRUCTED:       (date)         RENOVATED:       (date)         BASIC BUILDING DATA         Construction Type:       I-A         (check all that apply)       I-B         Sprinklers:       No       Part         Standpipes:       No       Yes         Fire District:       No       Yes         Building Height:       (feet)       Gross Building Area:         FLOOR       EXISTING (s	Alteration  Alteration  Alteration  CURRENT U  PROPOSED U  II-A II-B tial Yes Class I III (Primary) Flood  SQ FT) NEW	Image: Constraint of the second system       Image: Constraint of the second system         Image: Constraint of the second system       Image: Constraint of the second system         Image: Constraint of the second system       Image: Constraint of the second system         Image: Constraint of the second system       Image: Constraint of the second system         Image: Constraint of the second system       Image: Constraint of the second system         Image: Constraint of the second system       Image: Constraint of the second system         Image: Constraint of the second system       Image: Constraint of the second system         Image: Constraint of the second system       Image: Constraint of the second system         Image: Constraint of the second system       Image: Constraint of the second system         Image: Constraint of the second system       Image: Constraint of the second system         Image: Constraint of the second system       Image: Constraint of the second system         Image: Constraint of the second system       Image: Constraint of the second system         Image: Constraint of the second system       Image: Constraint of the second system         Image: Constraint of the second system       Image: Constraint of the second system         Image: Constraint of the second system       Image: Constraint of the second system         Image: Constraint of the second system       Image: Consecond system <t< td=""><td>□ U □ V-A □ IV □ V-A □ V-B PA 13R □ NFPA 13D et □ Dry □ No □ Yes SUB-TOTAL</td></t<>	□ U □ V-A □ IV □ V-A □ V-B PA 13R □ NFPA 13D et □ Dry □ No □ Yes SUB-TOTAL
2012 EDITION OF NC CODE F         EXISTING:       Reconstruction         CONSTRUCTED: (date)       RENOVATED:         RENOVATED:       (date)         BASIC BUILDING DATA         Construction Type:       I-A         (check all that apply)       I-B         Sprinklers:       No         Part         Standpipes:       No         Fire District:       No         Gross Building Area:         FLOOR       EXISTING (s         6 <sup>th</sup> Floor         5 <sup>th</sup> Floor	Alteration  Alteration  Alteration  Alteration  CURRENT U  PROPOSED  II-A II-B  tial Yes  Class I III  (Primary) Flood  SQ FT) NEW	☐ Repair ☐ Repair JSE(S) (Ch. 3): SE(S) (Ch. 3): USE(S) (Ch. 3): USE(S) (Ch. 3): ☐ III-A ☐ III-B FPA 13 ☐ NF ☐ III ☐ We I Hazard Area: (SQ FT)	Renovation      Renovation      IV U-A V-A V-B PA 13R NFPA 13D et Dry No Yes  SUB-TOTAL
2012 EDITION OF NC CODE F         EXISTING:       Reconstruction         CONSTRUCTED:       (date)         RENOVATED:       (date)         BASIC BUILDING DATA         Construction Type:       I-A         (check all that apply)       I-B         Sprinklers:       No       Part         Standpipes:       No       Yes         Fire District:       No       Yes         Building Height:       (feet)       Gross Building Area:         FLOOR       EXISTING (s         6 <sup>th</sup> Floor       5 <sup>th</sup> Floor         4 <sup>th</sup> Floor       Floor	Alteration  Alteration  Alteration  Alteration  CURRENT U  PROPOSED U  CIass II-A  Class I III  (Primary)  Flood  SQ FT) NEW	☐ Repair ☐ Repair JSE(S) (Ch. 3): SE(S) (Ch. 3): USE(S) (Ch. 3): ☐ III-A ☐ III-B FPA 13 ☐ NF ☐ III ☐ We I Hazard Area: (SQ FT)	□ U □ V-A □ IV □ V-A □ V-B PA 13R □ NFPA 13D et □ Dry □ No □ Yes SUB-TOTAL
2012 EDITION OF NC CODE F         EXISTING:       Reconstruction         CONSTRUCTED:       (date)         RENOVATED:       (date)         BASIC BUILDING DATA         Construction Type:       I-A         (check all that apply)       I-B         Sprinklers:       No       Part         Standpipes:       No       Yes         Building Height:       (feet)       Gross Building Area:         FLOOR       EXISTING (S         6 <sup>th</sup> Floor       5 <sup>th</sup> Floor         4 <sup>th</sup> Floor       3 <sup>rd</sup> Floor	Alteration  Alteration  Alteration  CURRENT U  PROPOSED T  II-A II-B  tial Yes Class I III  (Primary) Flood  SQ FT) NEW	Image: Constraint of the second system       Image: Constraint of the second system         Image: Constraint of the second system       Image: Constraint of the second system         Image: Constraint of the second system       Image: Constraint of the second system         Image: Constraint of the second system       Image: Constraint of the second system         Image: Constraint of the second system       Image: Constraint of the second system         Image: Constraint of the second system       Image: Constraint of the second system         Image: Constraint of the second system       Image: Constraint of the second system         Image: Constraint of the second system       Image: Constraint of the second system         Image: Constraint of the second system       Image: Constraint of the second system         Image: Constraint of the second system       Image: Constraint of the second system         Image: Constraint of the second system       Image: Constraint of the second system         Image: Constraint of the second system       Image: Constraint of the second system         Image: Constraint of the second system       Image: Constraint of the second system         Image: Constraint of the second system       Image: Constraint of the second system         Image: Constraint of the second system       Image: Constraint of the second system         Image: Constraint of the second system       Image: Consecond system <t< td=""><td>□ U U-A □ IV U-A □ V-B PA 13R NFPA 13D et □ Dry □ No □ Yes SUB-TOTAL</td></t<>	□ U U-A □ IV U-A □ V-B PA 13R NFPA 13D et □ Dry □ No □ Yes SUB-TOTAL
2012 EDITION OF NC CODE F         EXISTING:       Reconstruction         CONSTRUCTED:       (date)         RENOVATED:       (date)         BASIC BUILDING DATA         Construction Type:       I-A         (check all that apply)       I-B         Sprinklers:       No         No       Yes         Fire District:       No         Gross Building Height:       (feet)         Gross Building Area:       FLOOR         FLOOR       EXISTING (s         6 <sup>th</sup> Floor       4 <sup>th</sup> Floor         3 <sup>rd</sup> Floor       2 <sup>nd</sup> Floor	Alteration  Alteration  Alteration  Alteration  CURRENT U  PROPOSED U  SQ FT) NEW	☐ Repair         ☐ Repair         JSE(S) (Ch. 3):         SE(S) (Ch. 3):         USE(S) (Ch. 3):         ☐ III-A         ☐ III-B         FPA 13 ☐ NF         ☐ III         ☐ III         Wet         I Hazard Area:         (SQ FT)	Contine     Renovation     Renovation     IV U-A     V-A     V-B PA 13R NFPA 13D et Dry     No Yes     SUB-TOTAL
2012 EDITION OF NC CODE F         EXISTING:       Reconstruction         CONSTRUCTED: (date)       RENOVATED:         RENOVATED:       (date)         BASIC BUILDING DATA         Construction Type:       I-A         (check all that apply)       I-B         Sprinklers:       No         Part       Standpipes:         Fire District:       No         Gross Building Height:       (feet)         Gross Building Area:       FLOOR         FLOOR       EXISTING (S         6 <sup>th</sup> Floor       5 <sup>th</sup> Floor         4 <sup>th</sup> Floor       3 <sup>rd</sup> Floor         2 <sup>nd</sup> Floor       Mezzanine	Alteration  Alteration  Alteration  Alteration  CURRENT U  PROPOSED T  II-A II-B  tial Yes  Class I I II  (Primary) Flood  SQ FT) NEW	☐ Repair         ☐ Repair         JSE(S) (Ch. 3):         SE(S) (Ch. 3):         USE(S) (Ch. 3):         ☐ III-A         ☐ III-B         FPA 13 ☐ NF         ☐ III ☐ We         I Hazard Area:         (SQ FT)	□ U U-A □ IV U-A V-B PA 13R NFPA 13D et □ Dry □ No □ Yes SUB-TOTAL
2012 EDITION OF NC CODE F         EXISTING:       Reconstruction         CONSTRUCTED:       (date)         RENOVATED:       (date)         BASIC BUILDING DATA         Construction Type:       I-A         (check all that apply)       I-B         Sprinklers:       No       Part         Standpipes:       No       Yes         Building Height:       (feet)       Gross Building Area:         FLOOR       EXISTING (S         6 <sup>th</sup> Floor       5 <sup>th</sup> Floor         4 <sup>th</sup> Floor       3 <sup>rd</sup> Floor         2 <sup>nd</sup> Floor       Ist Floor         Part       Standpipe	Alteration  Alteration  Alteration  CURRENT U  PROPOSED U  II-A II-B tial Yes Class I III G (Primary)  SQ FT) NEW	Image: Constraint of the second state of the second sta	□ U U-A □ IV U-A V-B PA 13R NFPA 13D et □ Dry □ No □ Yes SUB-TOTAL

TOTAL

## ALLOWABLE AREA

Occupancy:
Assembly $\square A-1 \square A-2 \square A-3 \square A-4 \square A-5$
Business
Factory F-1 Moderate F-2 Low Herendeus III 1 Detenste III 2 Deflegrate III 2 Combust III 4 Health III 5 HDM
Institutional $\square$ L-1 $\square$ L-2 $\square$ L-3 $\square$ L-4
I-3 Condition $\square 1 \square 2 \square 3 \square 4 \square 5$
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 Occupancies:
Assembly $\square$ A-1 $\square$ A-2 $\square$ A-3 $\square$ A-4 $\square$ A-5
Business
Educational
Hazardous H-1 Detonate H-2 Deflagrate H-3 Combust H-4 Health H-5 HPM
Institutional $\square I - 1 \square I - 2 \square I - 3 \square I - 4$
I-3 Condition $1 2 3 4 5$
Mercantile
Residential $\square R-1 \square R-2 \square R-3 \square R-4$
Storage S-1 Moderate S-2 Low High-piled
Utility and Miscellaneous
Legidental Liega (Table 509.2.5).
Incidental Uses (Table 508.2.5): $\Box$
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 L2 waste and linen collection rooms
Waste and linen collection rooms over 100 square feet
Stationary stars a hottary systems having a liquid electrolyte conscity of more than 50 college, or a lithium
ion capacity of 1 000 pounds used for facility standby power emergency power or uninterrunted power
supplies
$\square$ Rooms containing fire pumps
$\Box$ Group L-2 storage rooms over 100 square feet
Croup I 2 somercial kitchans
$\Box$ Group L2 condition equal to or loss than 100 square fact
$\Box$ Group 1-2 laundries equal to or less than 100 square feet
Group 1-2 rooms or spaces that contain fuel-fired neating equipment
<b>Special Uses:</b> $402 \ 403 \ 404 \ 405 \ 406 \ 407 \ 408 \ 409 \ 410 \ 411 \ 412$
Special Provisions:         509.2         509.3         509.4         509.5         509.6         509.7         509.8         509.9
Mixed Occupancy: No Yes Separation: Hr. Exception:
Incidental Use Separation (508.2.5)

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.

<u>Actual Area of Occupancy A</u> + Actual Area of Occupancy B  $\leq 1$ Allowable Area of Occupancy B Allowable Area of Occupancy A

> $\leq 1.00$ \_\_\_\_\_ + ..... = \_\_\_\_\_

STORY NO.	DESCRIPTION AND USE	(A) BLDG AREA PER STORY	(B) TABLE 503 <sup>5</sup> AREA	(C) AREA FOR FRONTAGE	(D) AREA FOR SPRINKLER	(E) ALLOWABLE AREA OR	(F) MAXIMUM BUILDING
		(ACTUAL)		INCREASE <sup>1</sup>	INCREASE <sup>2</sup>	UNLIMITED <sup>3</sup>	AREA <sup>4</sup>

<sup>1</sup> 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.  $W = Minimum width of public way = ____ (W)$

e. Percent of frontage increase  $I_f = 100 [F/P - 0.25] \times W/30 =$  (%)

<sup>2</sup> The sprinkler increase per Section 506.3 is as follows:

- a. Multi-story building  $I_s = 200$  percent
- b. Single story building  $I_s = 300$  percent
- <sup>3</sup> Unlimited area applicable under conditions of Section 507.
- <sup>4</sup> Maximum Building Area = total number of stories in the building x E (506.4).

<sup>5</sup> 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 (TABLE 503)	INCREASE FOR SPRINKLERS	SHOWN ON PLANS	CODE REFERENCE
Type of Construction	Туре		Туре	
Building Height in Feet		Feet = H + 20' =		
Building Height in Stories		Stories + 1 =		

## FIRE PROTECTION REQUIREMENTS

BUILDING ELEMENT	FIRE		RATING	DETAIL #	DESIGN#	DESIGN # FOR	DESIGN#
	SEPARATION	REQ'D	PROVIDED	AND	FOR	RATED	FOR
	DISTANCE		(W/*	SHEET #	RATED	PENETRATIO	RATED
	(FEET)		REDUCTION)		ASSEMBL	Ν	JOINTS
					Y		
Structural Frame,							
including columns, girders,							
trusses							
Bearing Walls							
Exterior							
North							
East							
West							
South							
Interior							
Nonbearing Walls and							
Partitions							
Exterior walls							
North							
East							
West							
South							
Interior walls and partitions							
Floor Construction							
Including supporting beams							
and joists							
Roof Construction							
Including supporting beams							
and joists							
Shaft Enclosures - Exit							
Shaft Enclosures - Other							
Corridor Separation							
Occupancy Separation							
Party/Fire Wall Separation							
Smoke Barrier Separation							
Tenant Separation							
Incidental Use Separation							

\* Indicate section number permitting reduction

#### LIFE SAFETY SYSTEM REQUIREMENTS

Emergency Lighting:	No Yes
Exit Signs:	No Yes
Fire Alarm:	No Yes
Smoke Detection Systems:	No Yes Partial
Panic Hardware:	No Yes

# LIFE SAFETY PLAN REQUIREMENTS

Life Safety Plan Sheet #:

Fire and/or smoke rated wall locations (Chapter 7)

Assumed and real property line locations

2012 NC Administrative Code and Policies

- Exterior wall opening area with respect to distance to assumed property lines (705.8)
- Existing structures within 30' of the proposed building
- Occupancy types for each area as it relates to occupant load calculation (Table 1004.1.1)
- Occupant loads for each area
- Exit access travel distances (1016)
- Common path of travel distances (1014.3 & 1028.8)
- Dead end lengths (1018.4)
- Clear exit widths for each exit door
- Maximum calculated occupant load capacity each exit door can accommodate based on egress width (1005.1)
- Actual occupant load for each exit door
- A separate schematic plan indicating where fire rated floor/ceiling and/or roof structure is provided for purposes of occupancy separation
- Location of doors with panic hardware (1008.1.10)
- Location of doors with delayed egress locks and the amount of delay (1008.1.9.7)
- Location of doors with electromagnetic egress locks (1008.1.9.8)
- Location of doors equipped with hold-open devices
- Location of emergency escape windows (1029)
- The square footage of each fire area (902)
- The square footage of each smoke compartment (407.4)
- Note any code exceptions or table notes that may have been utilized regarding the items above

## ACCESSIBLE DWELLING UNITS (SECTION 1107)

TOTAL	ACCESSIBLE	ACCESSIBLE	TYPE A	TYPE A	TYPE B	TYPE B	TOTAL
UNITS	UNITS	UNITS	UNITS	UNITS	UNITS	UNITS	ACCESSIBLE UNITS
	REQUIRED	PROVIDED	REQUIRED	PROVIDED	REQUIRED	PROVIDED	PROVIDED

#### ACCESSIBLE PARKING (SECTION 1106)

LOT OR PARKING	TOTAL # OF PA	RKING SPACES	# OF ACCESSIBLE SPACES PROVIDED			TOTAL#
AREA	REQUIRED	PROVIDED	REGULAR WITH	VAN SPAC	ES WITH	ACCESSIBLE
			5' ACCESS	132" ACCESS	8' ACCESS	PROVIDED
			AISLE	AISLE	AISLE	
TOTAL						

## DESIGN LOADS:

#### STRUCTURAL DESIGN

Importance Factors:	Wind(Iw)Snow(Is)Seismic(IE)	
Live Loads:	Roof Mezzanine Floor	psf psf psf

Ground Snow Load: \_\_\_\_\_ psf

Wind Load:	Basic Wind Speed	mp!	h (ASCE-7)	
	Exposure Category Wind Base Shears (for	r MWFRS)	Vx =	Vv =
	(ion	1 101 (01 100)	· · · ·	• 5
SEISMIC DESIGN CATEG	ORY:		C D	
Provide the following Seismic	Design Parameters:			
Occupancy Categor	y (Table 1604.5)	II II	III IV	
Spectral Response A	cceleration S <sub>s</sub>	%g	S <sub>1</sub> %g	
Site Classification (7	Table 1613.5.2)	B C	$\Box D \Box E$	<b>F</b>
Γ	Data Source: 🛛 🗌 Fie	eld Test 🛛 🗌 Pr	resumptive 🗌 His	storical Data
Basic structural syst	em (check one)			
Bearing	Wall Dual	w/Special Mome	ent Frame	
	Frame Dual	w/Intermediate F	R/C or Special Steel	
Moment	Frame Inver	rted Pendulum		
Seismic base shear:	$V_{\rm X} = $	$V_{Y} = $		
Analysis Procedure:		$1 \qquad \square Equivale$	ent Lateral Force	Dynamic
Architectural, Mech	anical, Components a		s [] No	
LATERAL DESIGN CONT	ROL: Earthqua	ake 🗌 🦷 Wi	nd 🗌	
SOIL BEARING CAPACIT	IES:			
Field Test (provide co	opy of test report)		psf	
Presumptive Bearing	capacity		psf	
The size, type, and ca	pacity			
SPECIAL INSPECTIONS R	EQUIRED:	Yes No		

# PLUMBING FIXTURE REQUIREMENTS (TABLE 2902.1)

	USE	WATER	CLOSETS	URINALS	LAVATORIES		LAVATORIES		SHOWERS/	DRINKING	<b>FOUNTAINS</b>
		MALE	FEMALE		MALE	FEMALE	TUBS	REGULAR	ACCESSIBLE		
SPACE	EXISTING										
	NEW										
	REQUIRED										

#### SPECIAL APPROVALS

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

#### **ENERGY SUMMARY**

#### **ENERGY REQUIREMENTS:**

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 annual energy cost for the proposed design.

<b>Climate Zone:</b> 3 4 5
Method of Compliance:
Prescriptive (Energy Code)
Performance (Energy Code)
$\square \text{ Programming} (A \text{ SHP } A \text{ E } 00.1)$
$\square P = (A SHRAE 90.1)$
Performance (ASHRAE 90.1)
THERMAL ENVELOPE
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:
projection factor:
Door P. 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:
Floors slab on grade
Description of assembly:
U-Value of total assembly:
R-Value of insulation:
Horizontal/vertical requirement:
slab heated:

#### MECHANICAL SUMMARY

#### MECHANICAL SYSTEMS, SERVICE SYSTEMS AND EQUIPMENT

Thermal Zone	
winter dry bulb:	
summer dry bulb:	
Interior design conditions	
winter dry bulb:	
summer dry bulb:	
relative humidity:	
Building heating load:	
Building cooling load:	
Mechanical Spacing Conditioning System	
Unitary	
description of unit:	
heating efficiency:	
cooling efficiency:	
size category of unit:	
Boiler	
Size category. If oversized, state reason.:	
Chiller	
Size category. If oversized, state reason.:	
List equipment efficiencies:	

#### ELECTRICAL SUMMARY

#### ELECTRICAL SYSTEM AND EQUIPMENT

#### Method of Compliance:

Energy Code:	Prescriptive	Performance
ASHRAE 90.1:	Prescriptive	Performance

#### Lighting schedule (each fixture type)

lamp type required in fixture number of lamps in fixture ballast type used in the fixture number of ballasts in fixture total wattage per fixture total interior wattage specified vs. allowed (whole building or space by space) total exterior wattage specified vs. allowed

# Additional Prescriptive Compliance

- 506.2.1 More Efficient Mechanical Equipment
- 506.2.2 Reduced Lighting Power Density
- 506.2.3 Energy Recovery Ventilation Systems
- 506.2.4 Higher Efficiency Service Water Heating
- 506.2.5 On-Site Supply of Renewable Energy
- 506.2.6 Automatic Daylighting Control Systems