# 2018 BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS

(EXCEPT ONE- AND TWO-FAMILY DWELLINGS AND TOWNHOUSES)

(Reproduce the following data on the building plans sheet 1 or 2)

Owner/Authorized Agent:		Phone # ( )		Zip Code E-Mail	
Owned By:	☐ City/County	Prione # () □ Private	— - <u> </u>	E2-IAIMII	
Code Enforcement Jurisdiction:					
14. 14. 14. 14. 14. 14. 14. 14. 14. 14.					
CONTACT:	FIRM	NAME	LICENSE #	TELEPHONE #	TI MATI
DESIGNER	FIRM			IBLEPHONE #	E-MAIL
Architectural				_ (	
Civil					· · · · · · · · · · · · · · · · · · ·
Blectrical		*			
Fire Alarm				,	
Plumbing					· ·
Mechanical					
Sprinkler-Standpipe				, .	
Structural					
Retaining Walls > 5 feet High					
Other			and the second s		
("Other" should include firms	and muryidhais such a	o mass, precast, pre-engine	orou, interior designers, e	10.)	
2018 NC BUILDING CODE:	☐ New Building	☐ Shell/Core	☐ 1 <sup>st</sup> Time Interior	Completions	
	☐ Addition	<ul> <li>Phased Constru</li> </ul>	ction—Shell Core		
2018 NC EXISTING BUILDII	NG CODE;	Prescriptive	Alteration Lev	el I 🗅 Historic Propert	У
2018 NC EXISTING BUILDH (check all that apply)	NG CODE:	□ Prescriptive □ Repair		el I 🗅 Historic Propert el II 🗅 Change of Use	У
	NG CODE:	□ Repair		el II   Change of Use	У
		□ Repair □ Chapter 14	☐ Alteration Leve	el II   Change of Use	
(check all that apply)	C1	☐ Repair ☐ Chapter 14 URRENT USE(S) (Ch. 3)	☐ Alteration Leve	el II	
(check ali that apply)  CONSTRUCTED: (date)	C:	☐ Repair ☐ Chapter 14 URRENT USE(S) (Ch. 3) ROPOSED USE(S) (Ch. 3	☐ Alteration Leve ☐ Alteration Leve :	el II □ Change of Use	
(check ali that apply)  CONSTRUCTED: (date)  RENOVATED: (date)	C:	☐ Repair ☐ Chapter 14 URRENT USE(S) (Ch. 3) ROPOSED USE(S) (Ch. 3	☐ Alteration Leve ☐ Alteration Leve :	el II □ Change of Use	
(check all that apply)  CONSTRUCTED: (date)  RENOVATED: (date)  OCCUPANCY CATEGORY  BASIC BUILDING DATA	C:	☐ Repair ☐ Chapter 14 URRENT USE(S) (Ch. 3) ROPOSED USE(S) (Ch. 3	☐ Alteration Leve ☐ Alteration Leve :	el II □ Change of Use	
(check ali that apply)  CONSTRUCTED: (date) RENOVATED: (date) OCCUPANCY CATEGORY  BASIC BUILDING DATA Construction Type:	Ci PI (Table 1604.5): Curre	□ Repair □ Chapter 14  URRENT USE(S) (Ch. 3)  ROPOSED USE(S) (Ch. 3  nt:	☐ Alteration Leve ☐ Alteration Leve :	el II □ Change of Use	
(check all that apply)  CONSTRUCTED: (date) RENOVATED: (date) OCCUPANCY CATEGORY  BASIC BUILDING DATA  Construction Type: (check all that apply)	Cl PI (Table 1604.5); Curre	□ Repair □ Chapter 14  URRENT USE(S) (Ch. 3)  ROPOSED USE(S) (Ch. 3  nt: □ H-A	☐ Alteration Leve ☐ Alteration Leve ☐ Proposed: ☐ Proposed:	el II □ Change of Use	V-A
CONSTRUCTED: (date) RENOVATED: (date) OCCUPANCY CATEGORY  BASIC BUILDING DATA Construction Type: (check all that apply) Sprinklers: □ No	CI PI (Table 1604.5): Curre  □ I-A □ I-B	□ Repair □ Chapter 14  URRENT USE(S) (Ch. 3)  ROPOSED USE(S) (Ch. 3  nt: □ II-A □ II-B	□ Alteration Leve □ Alteration Leve : □ Proposed: □ III-A □ III-B	el II	V-A
CONSTRUCTED: (date) RENOVATED: (date) OCCUPANCY CATEGORY  BASIC BUILDING DATA Construction Type: (check all that apply) Sprinklers: □ No Standpipes: □ No	CTable 1604.5): Curre  I-A  I-B  Partial  Class	□ Repair □ Chapter 14  URRENT USE(S) (Ch. 3)  ROPOSED USE(S) (Ch. 3  nt: □ II-A □ II-B □ NFPA 13 □ II □ III	☐ Alteration Leve ☐ Alteration Leve ☐ Proposed: ☐ III-A ☐ III-B ☐ NFPA 13R ☐ Wet ☐ Dry	el II □ Change of Use	V-A
CONSTRUCTED: (date) RENOVATED: (date) OCCUPANCY CATEGORY  BASIC BUILDING DATA Construction Type: (check all that apply) Sprinklers: □ No Standpipes: □ No Primary Fire District:	Cl PI (Table 1604.5): Curre      I-A     I-B     Partial     Class    I     No    Yes	□ Repair □ Chapter 14  URRENT USE(S) (Ch. 3)  ROPOSED USE(S) (Ch. 3  nt: □ II-A □ II-B □ NFPA 13 □ II □ III	☐ Alteration Leve ☐ Alteration Leve ☐ III-A ☐ III-B ☐ NFPA 13R	el II	V-A
CONSTRUCTED: (date) RENOVATED: (date) OCCUPANCY CATEGORY  BASIC BUILDING DATA Construction Type: (check all that apply) Sprinklers: □ No Standpipes: □ No	Cl PI (Table 1604.5): Curre      I-A     I-B     Partial     Class    I     No    Yes	□ Repair □ Chapter 14  URRENT USE(S) (Ch. 3)  ROPOSED USE(S) (Ch. 3  nt: □ II-A □ II-B □ NFPA 13 □ II □ III  Flood I	☐ Alteration Leve ☐ Alteration Leve ☐ III-A ☐ III-B ☐ NFPA 13R ☐ Wet ☐ Dry  Hazard Area:	el II □ Change of Use	V-A
CONSTRUCTED: (date) RENOVATED: (date) OCCUPANCY CATEGORY  BASIC BUILDING DATA Construction Type: (check all that apply) Sprinklers: □ No Standpipes: □ No Primary Fire District: Special Inspections Required:	CI PI (Table 1604.5): Curre  I-A I-B Partial Class I No Yes No Yes	□ Repair □ Chapter 14  URRENT USE(S) (Ch. 3)  ROPOSED USE(S) (Ch. 3  nt: □ II-A □ II-B □ NFPA 13 □ II □ III Flood I	□ Alteration Leve □ Alteration Leve :	el II □ Change of Use	V-A
CONSTRUCTED: (date)	CI PI (Table 1604.5): Curre  I-A I-B Partial Class I No Yes No Yes	□ Repair □ Chapter 14  URRENT USE(S) (Ch. 3)  ROPOSED USE(S) (Ch. 3  nt: □ II-A □ II-B □ NFPA 13 □ II □ III  Flood I	☐ Alteration Leve ☐ Alteration Leve ☐ III-A ☐ III-B ☐ NFPA 13R ☐ Wet ☐ Dry  Hazard Area:	el II □ Change of Use	V-A
CONSTRUCTED: (date)	CI PI (Table 1604.5): Curre  I-A I-B Partial Class I No Yes No Yes	□ Repair □ Chapter 14  URRENT USE(S) (Ch. 3)  ROPOSED USE(S) (Ch. 3  nt: □ II-A □ II-B □ NFPA 13 □ II □ III Flood I	□ Alteration Leve □ Alteration Leve :	el II □ Change of Use	V-A
CONSTRUCTED: (date)	CI PI (Table 1604.5): Curre  I-A I-B Partial Class I No Yes No Yes	□ Repair □ Chapter 14  URRENT USE(S) (Ch. 3)  ROPOSED USE(S) (Ch. 3  nt: □ II-A □ II-B □ NFPA 13 □ II □ III Flood I	□ Alteration Leve □ Alteration Leve :	el II □ Change of Use	V-A
CONSTRUCTED: (date)	CI PI (Table 1604.5): Curre  I-A I-B Partial Class I No Yes No Yes	□ Repair □ Chapter 14  URRENT USE(S) (Ch. 3)  ROPOSED USE(S) (Ch. 3  nt: □ II-A □ II-B □ NFPA 13 □ II □ III Flood I	□ Alteration Leve □ Alteration Leve :	el II □ Change of Use	V-A

		A	LLOWABLE ARE	EA		
Primary Occupancy Class	ification(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-3 Condition	1 1 2					
I-2 Condition	1 1 2					
I-3 Condition	1 1 2 2	□ 3 □ 4	<b>□</b> 5			
Mercantile	a					
Residential	□ R-1	□ R-2	□ R-3	□ R-4		
Storage	☐ S-1 Moderate	🗅 S-2 L	·ow	High-piled		
	<ul><li>Parking Garag</li></ul>	e 🗆 Open 🗀 Enclo	sed	Repair Garage	е	
Utility and Misc	cellaneous 📮					
Accessory Occupancy Clas	ssification(s):					
Incidental Uses (Table 509)	);				<del></del>	
This separation is no	•		-			
Special Uses (Chapter 4 - 1	List Code Sections)					
Special Provisions: (Chapt						
Mixed Occuupancy:	□ No □ Yes	Separation:	Hr,	Exception:		
☐ Non-separated Use (508.:						
☐ Separated Use (508.4)—Softhe ratios of the actual flo						•
or the ratios of the actual no	or area of each use u			ok ngo shell not av		
Calcat and	,	Triaca by the unowa	ole moor alea for ea	ch use shall not ex	ceed 1.	
Select one		· . · · ·		ch use shall not ex	ceed 1.	
Actual Area o	of Occupancy A	Actual Area	of Occupancy B		ceed 1.	
Actual Area o		Actual Area	of Occupancy B		ceed 1.	
Actual Area o Allowable Area	of Occupancy A a of Occupancy A	+ Actual Area Allowable Are	of Occupancy B ea of Occupancy I	<u>3</u> ≤1		
Actual Area o Allowable Area	of Occupancy A	+ Actual Area Allowable Are	of Occupancy B ea of Occupancy I	<u>3</u> ≤1		
Actual Area o Allowable Area	of Occupancy A a of Occupancy A	+ Actual Area Allowable Are	of Occupancy B ea of Occupancy I	<u>3</u> ≤1		
Actual Area of Allowable Area	of Occupancy A a of Occupancy A	+ Actual Area Allowable Are +	of Occupancy B ea of Occupancy I	5 ≤ 1 =	_ ≤ 1.00 (G) AREA EOR	ALVOWABIGE
Actual Area o Allowable Area	of Occupancy A a of Occupancy A	+ Actual Area Allowable Are +	of Occupancy B ea of Occupancy I	<u>3</u> ≤1		(D) ALLOVABLE AREAPERSTORYOR UNLIMITED AS
Actual Area of Allowable Area	of Occupancy A a of Occupancy A	+ Actual Area Allowable Are	of Occupancy B ea of Occupancy I	S ≤ 1 = = (B) LE-50621	_ ≤ 1.00  ((c)  AHEA(FOR)  FRONTAGE	APLOWABLE AREAUERNSTORY (OR) UNLIMITED 115
Actual Area of Allowable Area	of Occupancy A a of Occupancy A	+ Actual Area Allowable Are +	of Occupancy B ea of Occupancy I	S ≤ 1 = = (B) LE-50621	_ ≤ 1.00  ((c)  AHEA(FOR)  FRONTAGE	APLOWABICE AREAPERSTONYOR UNLIMITED 25
Actual Area of Allowable Area	of Occupancy A a of Occupancy A	+ Actual Area Allowable Are +	of Occupancy B ea of Occupancy I	S ≤ 1 = = (B) LE-50621	_ ≤ 1.00  ((c)  AHEA(FOR)  FRONTAGE	ALUOYABUE AREA PER STORY OR UNLIMITED 22
Actual Area of Allowable Area	of Occupancy A a of Occupancy A	+ Actual Area Allowable Are +	of Occupancy B ea of Occupancy I	S ≤ 1 = = (B) LE-50621	_ ≤ 1.00  ((c)  AHEA(FOR)  FRONTAGE	APLOWABLE APLACERSTORYOR UNLIMITED:
Actual Area of Allowable Area	of Occupancy A a of Occupancy A	+ Actual Area Allowable Are +	of Occupancy B ea of Occupancy I	S ≤ 1 = = (B) LE-50621	_ ≤ 1.00  ((c)  AHEA(FOR)  FRONTAGE	APLOWABLES AREA PERSTORY (OR) UNLIMITED 115
Actual Area of Allowable Area	of Occupancy A a of Occupancy A DESCRIPTION ANDUSE	+ Actual Area Allowable Are  + (A) BLOG ARI PERSTOR (ACTUAL	of Occupancy B ea of Occupancy I	S ≤ 1 = = (B) LE-50621	_ ≤ 1.00  ((c)  AHEA(FOR)  FRONTAGE	ALLOVABLE ALLOVABLE AREA PER STORY OR UNLIMITED 12
Actual Area of Allowable Area	of Occupancy A a of Occupancy A DESCRIPTION AND USE:	+ Actual Area Allowable Are    Allowable Area   Allowable Area	of Occupancy B ea of Occupancy I  A	(B) E=506/21 AREA	_ ≤ 1.00  ((c)  AHEA(FOR)  FRONTAGE	ALLOWABLE AHEAPERISTORYOR UNUMITED
Actual Area of Allowable Area  Allowable Area  Allowable Area  I. Frontage area increases fro a. Perimeter which fronts b. Total Building Perimeter	of Occupancy A a of Occupancy A DESCRIPTION a ANDUSE  m Section 506.2 are a public way or ope ter =(P)	+ Actual Area Allowable Are    Allowable Area   Allowable Area	of Occupancy B ea of Occupancy I  A	(B) E=506/21 AREA	_ ≤ 1.00  ((c)  AHEA(FOR)  FRONTAGE	APLOWABIGE AREAGERSTONYOR UNLIMITED
Actual Area of Allowable Area  Allowable Area	of Occupancy A a of Occupancy A a of Occupancy A DESCRIPTION a AND USE  m Section 506,2 are a public way or ope ter =(P)(F/P)	+ Actual Area Allowable Are  (A) BLDG'ARI PERISTOR (ACTUAL)  computed thus: n space having 20 fe	of Occupancy B ea of Occupancy I  A	(B) E=506/21 AREA	_ ≤ 1.00  ((c)  AHEA(FOR)  FRONTAGE	(D) ALLOWABLE AREA PERISTORY OR UNLIMITED
Actual Area of Allowable Area  Allowable Area  Allowable Area  Allowable Area  In Frontage area increases from a Perimeter which fronts by Total Building Perimeter. Ratio (F/P) =	m Section 506.2 are a public way or ope ter =(P)(F/P) f public way =	+ Actual Area Allowable Are  (A) BUDG-ARI PER STOR (ACTUAL)  computed thus: n space having 20 fe	of Occupancy B ea of Occupancy I  A	(B) E=506/21 AREA	_ ≤ 1.00  ((c)  AHEA(FOR)  FRONTAGE	ALLOWABLE AREAUSERSTORYOR UNILIMITED
Actual Area of Allowable Area  Allowable Area  Allowable Area  Allowable Area  I. Frontage area increases fro a. Perimeter which fronts b. Total Building Perimet c. Ratio (F/P) = d. W = Minimum width of C. Unlimited area applicable to Maximum Building Area =	m Section 506.2 are a public way or ope ter =(P)(F/P) f public way = ander conditions of Section number of store	+ Actual Area Allowable Are  Allowable Are  (A) BLOG ARI PER STOR (ACTUAL)  computed thus: n space having 20 fer  (W) ection 507. les in the building ×	of Occupancy B ea of Occupancy I  A TAB  TAB  TOTAB  TOTAB	(B) EE 50621. AREA	_ ≤ 1.00  (G)  AREA(FOR)  FRONTAGE  INOREASE VIR	ALLOWABLE AREA PERSTORY OR UNLIMITED: 3



5. Frontage increase is based on the unsprinklered area value in Table 506.2.

#### ALLOWABLE HEIGHT

	ALLOWABLE	SHOWN ON PLANS	GODE REFERENCE
Bullding Height in Feet (Table 504.3)			
Building Height in Stories (Table 504.4)		•	

<sup>1.</sup> Provide code reference if the "Shown on Plans" quantity is not based on Table 504.3 or 504.4.

#### FIRE PROTECTION REQUIREMENTS

	CONTRACTOR OF THE SAME		TING		10.20.000 (00.000.000)	216 V Part 1980 5	Sintantonovina
BUILDING ELEMENT	FIFE SEPARATION		APPOVIDED &	DETAIL # AND	DESIGN#	SHEET# FOR RATED	SHEET# FOR RATED
DOLDING CELLING	FIRE SERARATION DISTANCE (feet)	/ REQ'D	(W)	SHEET#	ASSEMBLY.	PENETRATION	JOINTS
Structural Frame			Albert Zerat zelek inte				
Including columns, girders, trusses							
Bearing Walls							77.
Exterior							
North							
East							
West							
South							
Interior							
Nonbearing walls and partitions				· · · · · · · · · · · · · · · · · · ·			
Exterior walls							
North							
East							
West				,			
South					<u> </u>		
Interior walls and partitions						·	
Floor Construction Including supporting beams and joists							
Floor Ceiling Assembly			<del> </del>			<b></b>	
Columns Supporting Floors		***************************************	,				
Roof Construction, including supporting beams and joists							
Roof Ceiling Assembly							
Columns Supporting Roof							
Shaft Enclosures—Exit							
Shaft Enclosures—Other							
Corridor Separation							
Occupancy/Fire Barrier Separation							
Party/Fire Wall Separation							
Smoke Barrier Separation				1			
Smoke Partition					1		
Tenant/Dwelling Unit/ Sleeping Unit Separation							
Incidental Use Separation							
L		<u> </u>					

<sup>\*</sup> Indicate section number permitting reduction

#### PERCENTAGE OF WALL OPENING CALCULATIONS

	     :
LIFE SAFETY SYSTEM REQUIREMENTS	
Emergency Lighting:	
Exit Signs:	
Fire Alarm:	
Smoke Detection Systems:	
Carbon Monoxide Detection:	_
Life Safety Plan Sheet #:	
☐ Fire and/or smoke rated wall locations (Chapter 7)	
☐ Assumed and real property line locations (if not on the site plan)	
☐ Exterior wall opening area with respect to distance to assumed property lines (705.8)	
☐ Occupancy Use for each area as it relates to occupant load calculation (Table 1004.1.2)	
☐ Occupant loads for each area	
☐ Exit access travel distances (1017)	
□ Common path of travel distances [Tables 1006.2.1 & 1006.3.2(1)]	é
☐ Dead end lengths (1020.4)	ŧ
□ Clear exit widths for each exit door	
☐ Maximum calculated occupant load capacity each exit door can accommodate based on egress width (1005.3)	
☐ 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	l
☐ Location of doors with panic hardware (1010.1.10)	
☐ Location of doors with delayed egress locks and the amount of delay (1010.1.9.7)	
□ Location of doors with electromagnetic egress locks (1010.1.9.9)	
☐ Location of doors equipped with hold-open devices	
☐ Location of emergency escape windows (1030)	
☐ The square footage of each fire area (202)	
☐ The square footage of each smoke compartment for Occupancy Classification I-2 (407.5)	
□ Note any code exceptions or table notes that may have been utilized regarding the items above	_



# ACCESSIBLE DWELLING UNITS (SECTION 1107)

AGGESSIBLE TOTALUNITS UNITS REGUIRED	ACCESSIBLE / UNITS / PROVIDED / RE	TYPE A TYPE A UNITS UNITS PROVIDED	TYPE'BI UNITS REQUIRED	TYPEB TOTAL UNITS ACCESSIBLE PROVIDED PROVIDED

# ACCESSIBILE PARKING (SECTION 1106)

LOT OR	TOTAL # OF PA			CESSIBLE SPACES PI VAN SPA	And the second second second second	TOTAL # ACCESSIBLE
AREA	REQUIRED	PROVIDED	REGULAR WITH 5 ACCESS AISLE	132 ACCESS AISLE	8 ACCESS AISLE	PROVIDED
TOTAL						

# PLUMBING FIXTURE REQUIREMENTS (TABLE 2902.1)

<b>AUSE</b>	Male	ATERCLOSEI	URINALS	Male	LAVATORIES Female	Unisex of	SHOWERS/	(DRINKING) Regular	OUNTAINS (
<b>"我们是我们的人们</b>	<b>经验证的根据是2000年</b>		MESICAL STREET	An Allendary Control		William Company of the	NI THE PROPERTY OF		
SPACE	EXIST'G							, '	.
	NEW							:	
	REQ'D								

#### SPECIAL APPROVALS

Special approval: (Local Jurisdiction, Department of Insurance, OSC, DPI, DHHS, ICC, etc., describe below)	t
	<del></del>

#### **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 versus the annual energy cost for the proposed design.

cost for the standard reference design versus the a	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 in the statu	reference;	
Climate Zone: □ 3A □ 4A □	5A	
<del></del>	Prescriptive Prescriptive	
R-Value of insulation: Skylights in each assembly: U-Value of skylight:		
total square footage of skylights in eac	h assembly:	
Exterior Walls (each assembly)  Description of assembly  U-Value of total assembly:  R-Value of insulation:  Openings (windows or doors with glaz  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 a Description of assembly:  U-Value of total assembly:  R-Value of insulation:	assembly)	
Floors slab on grade  Description of assembly:  U-Value of total assembly:  R-Value of insulation:  Horizontal/vertical requirement:  slab heated:		

# 2018 BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS

### STRUCTURAL DESIGN

(PROVIDE ON SHEET 1 OR 2 OF THE STRUCTURAL SHEETS)

Importance Factors:	Wind $(I_W)$		
	Snow $(I_S)$		
au	$\overline{\text{Seismic}}(I_E)$	······································	<del></del>
Live Loads:	Roof	psf	• •
•	Mezzanine	psf	
	Floor	psf	
Ground Snow Load:	psf		
Wind Load:	Basic Wind Spe Exposure Categ	eedmph (ASCE-7)	
SEISMIC DESIGN CATEG	_		the second second
Provide the following Seismic	Davion Donomat		
_	-	ers: DI DII DIII DIV	
		%g S1%g	
Site Classification (A			
•	ata Source:	☐ Field Test ☐ Presumptive ☐ Historical Data	
Basic structural syst		a Hold Cost a Hosdinperto a Historica Data	
· □ Bearing Wall		☐ Dua! w/Special Moment Frame	
<ul> <li>Building Frame</li> </ul>	;	☐ Dual w/Intermediate R/C or Special Steel	·
Moment Frame		☐ Inverted Pendulum	
Analysis Procedure:	-	☐ Equivalent Lateral Force ☐ Dynamic	
Architectural, Mech	anical, Compone	ents anchored?    Yes    No	
LATERAL DESIGN CONT	ROL:	☐ Earthquake ☐ Wind	
SOIL BEARING CAPACIT	TES:		
		psf	
		psf	
Pile size, type, and ca	pacity		

# 2018 BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS

MECHANICAL DESIGN
(PROVIDE ON THE MECHANICAL SHEETS IF APPLICABLE)
MECHANICAL SUMMARY

IANICAL SYSTEMS, SERVICE SYSTEMS AND EQU	
Thermal Zone	
winter dry bulb:	
summer dry bulb:	
Interior design conditions	
winter dry bulb:	
summer dry bulb:	
relative humidity:	
Building heating load:	
0 -	
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	<del></del>
Size category. If oversized, state reason.:	
bize edicgory, if eversized, state reason	
List equipment efficiencies:	
rist edulument emelencies.	ii ii

## 2018 BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS

ELECTRICAL DESIGN (PROVIDE ON THE ELECTRICAL SHEETS IF APPLICABLE) ELECTRICAL SUMMARY

#### ELECTRICAL SYSTEM AND EQUIPMENT

Method of Comphance:		
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 versus allowed (whole building or space by space)
total exterior wattage specified versus 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