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)

P.16. 0.1	12 12		
Name of Project: Takkor Konk Address: Pakkya	Road Lilling		Code 27546
	Phone # (4)9) 421	8404 E-N	Mail Mark & perma-boots a
	/County Priv	ate	State
Code Enforcement Jurisdiction: City	X Co	ınty 🔲	State
CONTACT:	···		
DESIGNER FIRM Architectural	NAME LICENSE	# TELEPHONE:	
Civil		()	
Fire Alarm	Jun May 1507	7 L (419) 634.	-4837
Plumbing			
Mechanical Confed Solutions Sprinkler-Standpipe	22 John 2 1265	1 H2H3 AM 552	0246
Structural Desco	rel smal 273	ट्रड नज्युंशाम	2591
Retaining Walls >5' High			
Other ("Other" should include firms and individual	s such as truss, precast, pr	e-engineered, interior	designers, etc.)
Shell/C procedu Phased	uilding Addition c Interior Completion ore - Contact the local insures and requirements Construction - Shell/Core c additional procedures an	- Contact the local inst	-
2018 NC EXISTING BUILDING CODE:			Chapter 14
	Alteration: Level	Level II c Property	Level III Change of Use
CONSTRUCTED: (date)		• •	
RENOVATED: (date)			
RISK CATEGORY (Table 1604.5):	Current: 🔲 I 🔠 I	VI 🗌 III 🔲 IV	
	Proposed: I I		
BASIC BUILDING DATA			
Construction Type: I-A	☐ II-A ☐ III-A		□ V-A
(check all that apply) ☐ I-B Sprinklers: ☑ No ☐ Partial ☐ Yes	☑ II-B		□ V-B NFPA 13D
Standpipes: XNO Yes Class		☐ Wet ☐ Dry	חנו עוזא
	Flood Hazard Area:	□ No □ Yes	
Special Inspections Required: No	Yes (Contact the local in	spection jurisdiction f	or additional
	procedures and req	uirements.)	

Chara Building Anna Table	
FLOOR EXISTING (SQ FT) Gross Building Area Table New (SQ FT) SUB-TOTAL	
3rd Floor	
2 nd Floor	
Mezzanine	
1st Floor	
Basement	
TOTAL	
ALLOWABLE AREA	
Primary Occupancy Classification(s):	
Assembly	
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 Condition I I 2	
$\prod I-2$ Condition $\prod 1 \prod 2$	
\square 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 Occupancy Classification(s):	
Incidental Uses (Table 509):	
Special Uses (Chapter 4 – List Code Sections):	
Special Provisions: (Chapter 5 – List Code Sections):	
Mixed Occupancy: X No Yes Separation: Hr. Exception:	
Non-Separated Use (508.3) - The required type of construction for the building shall be determined 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.	l by
Separated Use (508.4) - See below for area calculations for each story, the area of the occupancy she such that the sum of the ratios of the actual floor area of each use divide the allowable floor area for each use shall not exceed 1.	
<u> </u>)

\$19KY 	DESCRIPTION AND	AA) Blog area yer Story (actual)	TABLE 506.21	TABASOR MONTAGE	THE END HE SHE NIGWALL THE PRINT TOUS AND THE THE
Blee	5-1	10,500	17300	0	17,500
RILIZ	5-1	4050	17500	Ò	17500
BIL 3	5-1	4050	1750>	δ	17 500
Block	5-1	4050	17500	0	17301

¹ Frontage area increases from Section 506.3 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] x W/30 = ____ (%)
- ² Unlimited area applicable under conditions of Section 507.
- ³ Maximum Building Area = total number of stories in the building x D (maximum3 stories) (506.2).
- ⁴ The maximum area of open parking garages must comply with Table 406.5.4.
- ⁵ Frontage increase is based on the unsprinklered area value in Table 506.2.

ALLOWABLE HEIGHT

	A LOWARIE	SHOWN ON PLANS COIDE REFEREN	CP ^J
Building Height in Feet (Table 504.3) ²	55 FI	BM1 4.33 F11	
Building Height in Stories (Table 504.4) ³	r	51545 234 8.5A	

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

² The maximum height of air traffic control towers must comply with Table 412.3.1.

³ The maximum height of open parking garages must comply with Table 406.5.4.

FIRE PROTECTION REQUIREMENTS

CONTROL OF THE STATE OF THE STA			ia incentus de Bennovina de	DETAIL #	norsicia Las orti		SHEET #
	DEVANCE.		PMT * *	is near 14	RATED ASSEMBLY	PENETRATION	RATED JOINTS
Structural Frame, including columns, girders,							
trusses							
Bearing Walls					<u>.</u>		
Exterior	2=108						
North	>=10H						
East	J=10 12						
West	Ruze						
South	70108						
Interior							
Nonbearing Walls and Partitions							
Exterior walls							
North							
East			-				
West							
South							
Interior walls and partitions					· ····································		
Floor Construction							
Including supporting beams					ļ		
and joists							
Floor Ceiling Assembly		,					
Columns Supporting Floors							
Roof Construction, including supporting beams and joists							
Roof Ceiling Assembly							
Columns Supporting Roof							
Shaft Enclosures - Exit							
Shaft Enclosures - Other	•						
Corridor Separation		1			Ī		
Occupancy/Fire Barrier Separa	tion						
Party/Fire Wall Separation	· · · · · · · · · · · · · · · · · · ·						
Smoke Barrier Separation							
Smoke Partition							
Tenant/Dwelling Unit/ Sleeping Unit Separation							
Incidental Use Separation							

^{*} Indicate section number permitting reduction

PERCENTAGE OF WALL OPENING CALCULATIONS

PIRESTPARATION DISTANCE	DECREPCE OPENINGS ::: PROTECTION: (TABLE 705.8)	ALLOWANIE AREA	ACTUAL SHOWN ON PLANS
(A) Property Property (IVES)		Land Company of the C	
		•	

Exi Fire Sm	LIFE SAFETY SYSTEM REQUIREMENTS ergency Lighting: No Yes t Signs: No Yes e Alarm: No Yes oke Detection Systems: No Yes Partial bon Monoxide Detection: No Yes						
	LIFE SAFETY PLAN REQUIREMENTS						
Life S	Safety Plan Sheet #:						
	Fire and/or smoke rated wall locations (Chapter 7)						
H	Assumed and real property line locations (if not on the site plan)						
뭄	Exterior wall opening area with respect to distance to assumed property lines (705.8)						
님	Occupancy Use for each area as it relates to occupant load calculation (Table 1004.1.2) Occupant loads for each area						
H	Exit sign locations (1013)						
\exists	Exit access travel distances (1017)						
Ħ	Common path of travel distances (Tables 1006.2.1 & 1006.3.2(1))						
Ī	Dead end lengths (1020.4)						
	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						
Щ	Location of doors with panic hardware (1010.1.10)						
Ц	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)						
님	Location of doors equipped with hold-open devices						
님	Location of emergency escape windows (1030)						
出	The square footage of each fire area (202)						
H	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)

Charles (1874)	- Libris 1906 - 19	-: Universit - Requires:	Sections were	eint France ses	PAPEA AURINS SIL PROVIDED	Type B 1 Usurs' a Required	Type B *Elmits == PROVIDEO	TOTAL SACESSIBLE IN SURIES PROVIDED

ACCESSIBLE PARKING

(SECTION 1106)

REQUIRED PROVIDED 96"SPACES 132" SPACES	encorrection to the second sec
	PROVIDED
Manufacture of the state of the	William Company and American Science and Company of the Company of
	· · · · · · · · · · · · · · · · · · ·
TOTAL	

PLUMBING FIXTURE REQUIREMENTS (TABLE 2902.1)

		MALE.	ATEMULOS PEMALE	TS :	URINALS	MALE	LAVATORIS TEMALE	UNISEX	SHOWERS (TUBS	DRINKIN REGULAR	FOUNTAINS ACCESSIBLE
SPACE	EXIST'G										
	NEW										, , , , , , , , , , , , , , , , , , , ,
	REQ'D										

SPECIAL APPROVALS

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

2018 APPENDIX B BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS

STRUCTURAL DESIGN

(PROVIDE ON THE STRUCTURAL SHEETS IF APPLICABLE)

DESIGN LOADS:	
Importance Factors:	Snow (I_S) . $Seismic (I_E)$. $Solution 1.0$
Live Loads:	Roof psf Mezzanine Floor psf psf psf
Ground Snow Load:	<u>15</u> psf
	mate Wind Speed B 118 mph (ASCE-7)
SEISMIC DESIGN CATEGORY	7: □A Ø B □C □D
Provide the following Seismic Desi Risk Category (Table 160 Spectral Response Accele	04.5) 【 I 🔲 II 🔲 II 🔲 IV
Site Classification (ASCE Data Sou	
Basic structural system	☐ Bearing Wall ☐ Dual w/Special Moment Frame ☐ Building Frame ☐ Dual w/Intermediate R/C or Special Steel ☐ Moment Frame ☐ Inverted Pendulum
Analysis Procedure:	☐ Simplified ☑ Equivalent Lateral Force ☐ Dynamic
Architectural, Mechanic	al, Components anchored? Yes No
LATERAL DESIGN CONTROL	: Earthquake 🗌 Wind 🏿
SOIL BEARING CAPACITIES:	
Field Test (provide copy o Presumptive Bearing capa Pile size, type, and capacit	citypsf

2018 APPENDIX B BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS

MECHANICAL DESIGN (PROVIDE ON THE MECHANICAL SHEETS IF APPLICABLE)

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: