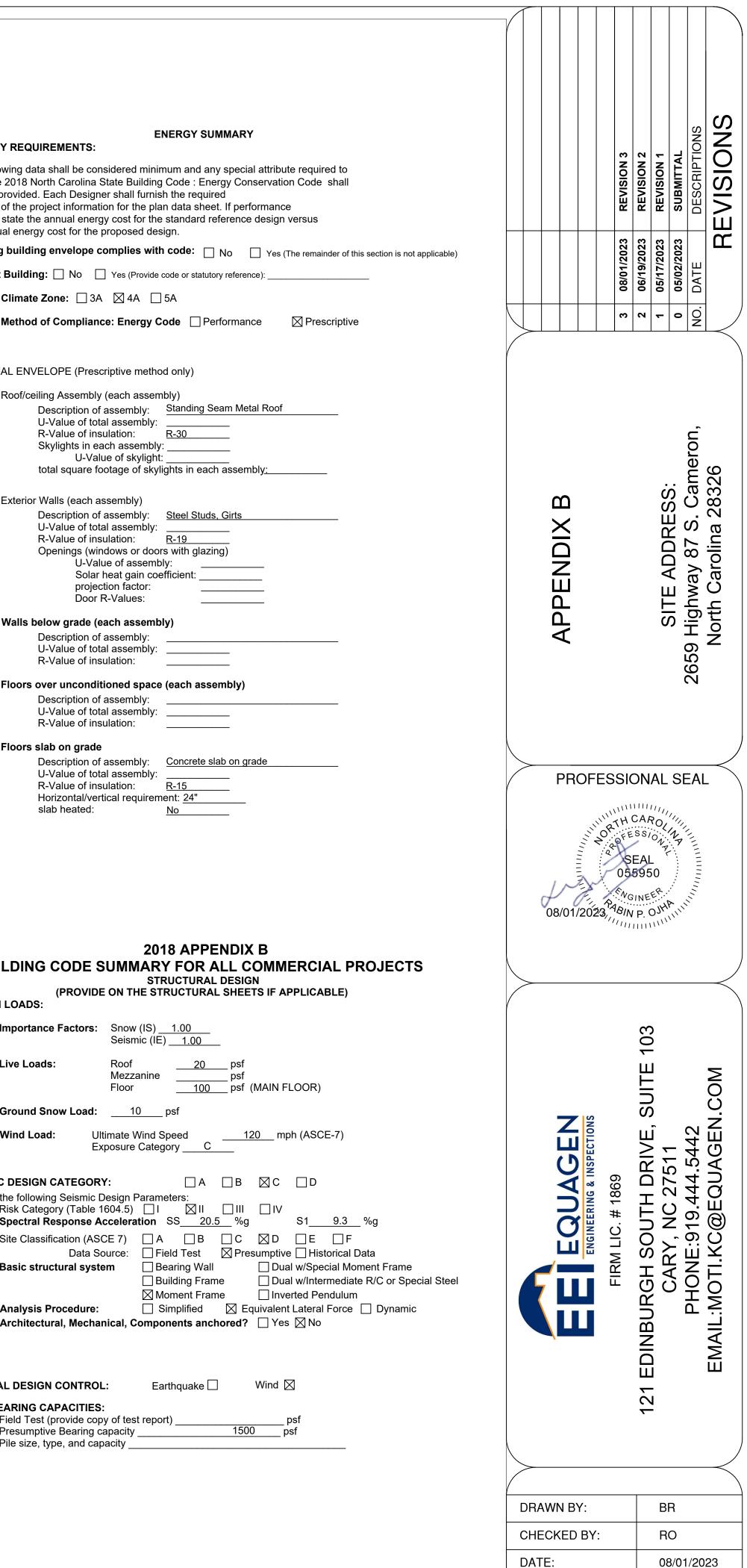
2018 APPENDIX B **BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS** (EXCEPT 1 AND 2-FAMILY DWELLINGS AND TOWNHOUSES) (Reproduce the following data on the building plans sheet 1 or 2)

Name of Draiged					
Name of Project Address:		., CAMERON, NC		Zip Co	de: <u>28326</u>
	ed Agent: EQUAGE				: info@equagen.com
Owned By: Code Enforcem	ent Jurisdiction:	City/County City CAMERON	🛛 Priva 🛛 Cou	nty HARNETT	State State NC
CONTACT:					
DESIGNER Architectural	FIRM Equagen PLLC	NAME <u>Moti KC</u>	<u>042307</u>	# TELEPHONE (919)267-3004	moti.kc@equagen.com
Civil Electrical	Equagen PLLC Equagen PLLC	<u>Moti KC</u> Moti KC	<u>042307</u> 042307	<u>(919)267-3004</u> (919)267-3004	<u>moti.kc@equagen.com</u> moti.kc@equagen.com
Fire Alarm Plumbing	Equagen PLLC	Moti KC Moti KC	042307	(919)267-3004 (919)267-3004	moti.kc@equagen.com
Mechanical Sprinkler-Stand	Equagen PLLC Equagen PLLC pipe N/A	Moti KC	042307 042307	(919)267-3004 (919)267-3004	moti.kc@equagen.com moti.kc@equagen.com
Structural	Equagen PLLC	RABIN P.OJHA	042307	(<u>919)267-3004</u>	rabin.ojha@equagen.com
Retaining Walls Other	25 High <u>IV/A</u>			() ()	
2018 NC BUILE	□ 1s □ <u>S</u> _ pr	t Time Interior Con nell/Core - Contact ocedures and requ	the local in irements		ion for possible additional
		nased Construction essible additional pr			ocal inspection jurisdiction for
2018 NC EXIST	ING BUILDING CO	DE: EXISTING: Alteration:	Prescri	ptive	
CONSTRUC RENOVATE	CTED: (date) ED: (date) <u>N/</u>			PANCY(S) (Ch. 3 UPANCY(S) (Ch	3):N/A
OCCUPANT LO	DAD CALCULATIO	N:			
OCCUPANCY	AREA		NT LOAD		OCCUPANT LOAD
	(in sq.ft)		(per Table		a ()
A-3 B	6000 6000	-	(exercise ro 6 (Business	ooms with equipn areas)	nent) 120 60
		TOTAL D	ESIGN OC	CUPANT LOAD	: 180
RISK CATEGO	RY (Table 1604.5):	Current: Proposed:			
BASIC BUILDIN	-		A		
Construction T	ype: ∐I-A ∐I-B	□ II-A □ II-B	☐ III-A ⊠ III-B	□ IV	□ V-A □ V-B
Sprinklers:	No Partial		PA 13	NFPA 13R	NFPA 13D
Standpipes: Fire District:	⊠ No □ Yes Cla □ No ⊠ Yes	ss LI LII Flood Hazard	☐ III I Area:	Wet Dry	
				IXINO I I YES	
Special inspec	tions Required: 🛛		ntact the lo		isdiction for additional
Special inspec	tions Required: 🛛 🛛	No Yes (Co procedures and	ntact the lo	cal inspection jur	risdiction for additional
Special inspec	tions Required: ⊠	procedures and	ntact the lo I requireme	cal inspection jur nts.)	risdiction for additional
FLOOR	tions Required: 🛛 EXISTING (SQ F	procedures and Gross Buildin	ntact the lo I requireme	cal inspection jur nts.)	risdiction for additional SUB-TOTAL
	. –	procedures and Gross Buildin	ntact the lo requireme g Area Tal (SQ FT) -	cal inspection jur nts.)	
FLOOR 3rd Floor 2nd Floor Mezzanine	. –	procedures and Gross Buildin T) NEW 48	ntact the lo d requireme og Area Tal (SQ FT) - - - -	cal inspection jur nts.)	
FLOOR 3rd Floor 2nd Floor Mezzanine 1st Floor Basement	. –	procedures and Gross Buildin T) NEW 48 1200	ntact the lo d requirement of Area Tal (SQ FT) - - - - - - - - - - - - - - - - - - -	cal inspection jur nts.)	
FLOOR 3rd Floor 2nd Floor Mezzanine 1st Floor	. –	procedures and Gross Buildin T) NEW 48	ntact the lo d requirement of Area Tal (SQ FT) - - - - - - - - - - - - - - - - - - -	cal inspection jur nts.)	
FLOOR 3rd Floor 2nd Floor Mezzanine 1st Floor Basement	. –	procedures and Gross Buildin T) NEW 48 1200 1200	ntact the lo d requireme of Area Tal (SQ FT) - - - - - - - - - - - - - - - - - - -	cal inspection jur nts.)	
FLOOR 3rd Floor 2nd Floor Mezzanine 1st Floor Basement TOTAL	. –	procedures and Gross Buildin T) NEW 48 1200 1200 ALLOWABL	ntact the lo d requireme of Area Tal (SQ FT) - - - - - - - - - - - - - - - - - - -	cal inspection jur nts.)	
FLOOR 3rd Floor 2nd Floor Mezzanine 1st Floor Basement TOTAL Primary Occup Assembly	EXISTING (SQ F ancy Classificatior	procedures and Gross Buildin T) NEW 48 1200 1200 ALLOWABL n(s):	ntact the lo d requireme of Area Tal (SQ FT) - - - - - - - - - - - - - - - - - - -	cal inspection jur nts.)	
FLOOR 3rd Floor 2nd Floor Mezzanine 1st Floor Basement TOTAL	EXISTING (SQ F ⁻ ancy Classificatior □ A-1 □ A-2 [2 ⊠	procedures and Gross Buildin T) NEW 48 1200 1200 ALLOWABL n(s):	ntact the lo requireme og Area Tal (SQ FT) - - - - - - - - - - - - - - - - - - -	cal inspection jur nts.)	
FLOOR 3rd Floor 2nd Floor Mezzanine 1st Floor Basement TOTAL Primary Occup Assembly Business Educational Factory	EXISTING (SQ F ancy Classification A-1 A-2	<u>procedures and</u> Gross Buildin T) NEW 48 1200 1200 1200 ALLOWABL n(s): ☑ A-3 □ A-4 □	ntact the lo	cal inspection jur nts.) ble	SUB-TOTAL
FLOOR 3rd Floor 2nd Floor Mezzanine 1st Floor Basement TOTAL Primary Occup Assembly Business Educational Factory Hazardous	EXISTING (SQ F ancy Classification A-1 A-2 F-1 Moderate H-1 Detonate I-1 Condition	procedures and Gross Buildin T) NEW 48 1200 1200 1200 ALLOWABL n(s): △ A-3 A-4]F-2 Low]H-2 Deflagrate]1 2	ntact the lo	cal inspection jur nts.) ble	SUB-TOTAL
FLOOR 3rd Floor 2nd Floor Mezzanine 1st Floor Basement TOTAL Primary Occup Assembly Business Educational Factory Hazardous	EXISTING (SQ F ancy Classification A-1 A-2 F-1 Moderate F-1 Moderate H-1 Detonate I-1 Condition	procedures and Gross Buildin T) NEW 48 1200 1200 1200 ALLOWABL (s): △ A-3 F-2 Low H-2 Deflagrate □ 1<	ntact the lo		SUB-TOTAL
FLOOR 3rd Floor 2nd Floor Mezzanine 1st Floor Basement TOTAL Primary Occup Assembly Business Educational Factory Hazardous Institutional	EXISTING (SQ F ancy Classification A-1 A-2 F-1 Moderate H-1 Detonate I-1 Condition	procedures and Gross Buildin T) NEW 48 1200 1200 1200 ALLOWABL (s): △ A-3 F-2 Low H-2 Deflagrate □ 1<	ntact the lo	cal inspection jur nts.) ble	SUB-TOTAL
FLOOR 3rd Floor 2nd Floor Mezzanine 1st Floor Basement TOTAL Primary Occup Assembly Business Educational Factory Hazardous	EXISTING (SQ F ancy Classification A-1 A-2 F-1 Moderate H-1 Detonate H-1 Detonate I-2 Condition I-2 Condition I-3 Condition	procedures and Gross Buildin T) NEW 48 1200 1200 1200 ALLOWABL (s): △ A-3 F-2 Low H-2 Deflagrate □ 1<	ntact the lo		SUB-TOTAL
FLOOR 3rd Floor 2nd Floor Mezzanine 1st Floor Basement TOTAL Primary Occup Assembly Business Educational Factory Hazardous Institutional	EXISTING (SQ F ancy Classification A-1 A-2 F-1 Moderate F-1 Moderate H-1 Detonate I-2 Condition I-3 Condition I-3 Condition R-1 R-2 S-1 Moderate	procedures and Gross Buildin T) NEW 48 1200 1200 1200 ALLOWABL n(s): A-3 A-4]F-2 Low]H-2 Deflagrate]1 2]1 2]1 2]1 2]1 2]1 2]1 2]1 2]2 3	ntact the lo d requireme ag Area Tal (SQ FT) - - - - - - - - - - - - - - - - - - -		SUB-TOTAL
FLOOR 3rd Floor 2nd Floor Mezzanine 1st Floor Basement TOTAL Primary Occup Assembly Business Educational Factory Hazardous Institutional Mercantile Residential Storage	EXISTING (SQ F ancy Classification A-1 A-2 F-1 Moderate F-1 Moderate H-1 Detonate I-2 Condition I-3 Condition I-3 Condition R-1 R-2 S-1 Moderate	procedures and Gross Buildin T) NEW 48 1200 1200 ALLOWABL n(s): A-3 A-3 A-4 [F-2 Low] H-2 Deflagrate 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 3 R-3 R-3 R-4 S-2 Low I	ntact the lo d requireme ag Area Tal (SQ FT) - - - - - - - - - - - - - - - - - - -		SUB-TOTAL
FLOOR 3rd Floor 2nd Floor Mezzanine 1st Floor Basement TOTAL Primary Occup Assembly Business Educational Factory Hazardous Institutional Mercantile Residential Storage Utility and M Accessory Occ	EXISTING (SQ F ancy Classification A-1 A-2 F-1 Moderate H-1 Detonate I-1 Condition I-2 Condition I-3 Condition I-3 Condition Parking Garage S-1 Moderate Parking Garage Supancy Classificat	procedures and Gross Buildin T) NEW 48 1200 1200 1200 ALLOWABL n(s): A-3 F-2 Low F-2 Low H-2 Deflagrate □ 1 2 1 3	ntact the lo d requireme ag Area Tal (SQ FT) - - - - - - - - - - - - - - - - - - -		SUB-TOTAL
FLOOR 3rd Floor 2nd Floor Mezzanine 1st Floor Basement TOTAL Primary Occup Assembly Business Educational Factory Hazardous Institutional Mercantile Residential Storage Utility and M Accessory Occ	EXISTING (SQ F ancy Classification A-1 A-2 F-1 Moderate H-1 Detonate I-1 Condition I-2 Condition I-3 Condition I-3 Condition Parking Garage S-1 Moderate Parking Garage Supancy Classificat	procedures and Gross Buildin T) NEW 48 1200 1200 ALLOWABL (s): A-3 F-2 Low H-2 Deflagrate 1 1 2 1 2 1 2 1 2 1 2 3	ntact the lo d requireme ag Area Tal (SQ FT) - - - - - - - - - - - - - - - - - - -		SUB-TOTAL
FLOOR 3rd Floor 2nd Floor Mezzanine 1st Floor Basement TOTAL Primary Occup Assembly Business Educational Factory Hazardous Institutional Mercantile Residential Storage Utility and M Accessory Occ Incidental Uses (0)	EXISTING (SQ F ancy Classification A-1 A-2 F-1 Moderate F-1 Moderate H-1 Detonate I-2 Condition I-2 Condition I-3 Condition I-3 Condition I-4 R-1 R-2 R-1 R-2 I-4 R-1 R-2 Condition I-4 R-1 Condition I-4 Condition I-4 Condition Co	procedures and Gross Buildin T) NEW 48 1200 1200 ALLOWABL (s): A-3 F-2 Low H-2 Deflagrate 1 1 2 1 2 1 2 1 2 1 2 1 2 3	Area Tal Arequireme Ag Area Tal (SQ FT) - - - - - - - - - - - - -	<u>cal inspection jur</u> <u>ents.)</u> ble ust □ H-4 Health □ 5 ir Garage	SUB-TOTAL
FLOOR 3rd Floor 2nd Floor Mezzanine 1st Floor Basement TOTAL Primary Occup Assembly Business Educational Factory Hazardous Institutional Mercantile Residential Storage Utility and M Accessory Occ Incidental Uses Special Uses (0 Special Provisi Mixed Occupar	EXISTING (SQ F ancy Classification A-1 A-2 F-1 Moderate H-1 Detonate H-1 Detonate I-2 Condition I-2 Condition I-3 Condition I-3 Condition Parking Garage S-1 Moderate [Parking Garage S-1 Moderate [Parking Garage S-1 Moderate [Chapter 4 – List Construction Chapter 4 – List Construction Cons: (Chapter 5 – Lind)	procedures and Gross Buildin T) NEW 48 1200 1200 ALLOWABL n(s): A-3 F-2 Low H-2 Deflagrate 1 2 1 2 1 2 1 2 1 2 1 2 3 R-3 R-4 S-2 Low I Open Enclose tion(s): N/A N/A de Sections): List Code Sections Yes Separation	Area Tal Ag Area Tal (SQ FT) - - - - - - - - - - - - -	L Garage	SUB-TOTAL
FLOOR 3rd Floor 2nd Floor Mezzanine 1st Floor Basement TOTAL Primary Occup Assembly Business Educational Factory Hazardous Institutional Mercantile Residential Storage Utility and M Accessory Occ Incidental Uses Special Uses (0 Special Provisi Mixed Occupar	EXISTING (SQ F ancy Classification A-1 A-2 F-1 Moderate H-1 Detonate H-1 Detonate I-2 Condition I-2 Condition I-3 Condition I-3 Condition Parking Garage S-1 Moderate [Parking Garage S-1 Moderate [Parking Garage S-1 Moderate [Chapter 4 – List Construction Chapter 4 – List Construction Cons: (Chapter 5 – Lind)	procedures and Gross Buildin T) NEW 48 1200 1200 ALLOWABL (s): A-3 F-2 Low H-2 Deflagrate 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 3 R-3 R-4 S-2 Low I Open Enclose tion(s): N/A Kes Yes Separation 3.3) - The required applying the hei	Area Tal ag Area Tal (SQ FT) - - - - - - - - - - - - -	L Garage V/A Hr. Exception: struction for the B a limitations for o	SUB-TOTAL
FLOOR 3rd Floor 2nd Floor Mezzanine 1st Floor Basement TOTAL Primary Occup Assembly Business Educational Factory Hazardous Institutional Mercantile Residential Storage Utility and M Accessory Occ Incidental Uses Special Uses (0 Special Provisi Mixed Occupar	EXISTING (SQ F ancy Classification A-1 A-2 A F-1 Moderate H-1 Detonate H-1 Detonate I-2 Condition I-2 Condition I-3 Condition I-3 Condition A-1 R-2 A R-1 R-2 A R-1 R-2 A R-1 R-2 A Condition I-4 A R-1 R-2 A Condition Conderate R-1 A Condition A Con	procedures and Gross Buildin T) NEW 48 1200 1200 ALLOWABL n(s): △ A-3 F-2 Low H-2 Deflagrate 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 3	Area Tal ag Area Tal (SQ FT) - - - - - - - - - - - - -	L Garage V/A Hr. Exception: struction for the Baa limitations for opuilding. The mos d, shall apply to t	SUB-TOTAL
FLOOR 3rd Floor 2nd Floor Mezzanine 1st Floor Basement TOTAL Primary Occup Assembly Business Educational Factory Hazardous Institutional Mercantile Residential Storage Utility and M Accessory Occ Incidental Uses Special Uses (0 Special Provisi Mixed Occupar	EXISTING (SQ F ancy Classification A-1 A-2 A F-1 Moderate A F-1 Moderate A F-1 Moderate A F-1 Condition A I-2 Condition A I-2 Condition A I-2 Condition A I-3 Condition A I-3 Condition A I-3 Condition A I-4 A R-1 R-2 A R-1 R-2 A R-1 R-2 A Iscellaneous A Iscellaneous A Capancy Classification Chapter 4 – List Co fons: (Chapter 5 – I hcy: No A Separated Use (508.4) - be	procedures and Gross Buildin T) NEW 48 1200 1200 AllOWABL (s): A-3 F-2 Low H-2 Deflagrate 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 3 R-3 R-4 S-2 Low I 2 1 2 1 2 1 1 2 1 2 3 R-3 R-4 S-2 Low N/A de Sections): List Code Sections: Yes See below for area auch that the sum	Area Tal ag Area Tal (SQ FT) - - - - - - - - - - - - -	L	SUB-TOTAL
FLOOR 3rd Floor 2nd Floor Mezzanine 1st Floor Basement TOTAL Primary Occup Assembly Business Educational Factory Hazardous Institutional Mercantile Residential Storage Utility and M Accessory Occ Incidental Uses Special Uses (0 Special Provisi Mixed Occupar	EXISTING (SQ F ancy Classification A-1 A-2 A F-1 Moderate F-1 Moderate H-1 Detonate I-2 Condition I-2 Condition I-3 Condition I-3 Condition I-4 R-1 R-2 S-1 Moderate Parking Garage iscellaneous cupancy Classificat (Table 509): Chapter 4 – List Co fons: (Chapter 5 – I ncy: No X Separated Use (508.4) - be the state No Separated Use (508.4) - be the state Constant State Constant State Constant State Constant State Constant State Constant State Constant State Chapter 4 – List Constant Chapter 5 – I Chapter 5 – I Chapter 5 – I Constant State Constant State Constant State Constant State Constant State Chapter 5 – I Chapter	procedures and Gross Buildin T) NEW 48 1200 1200 AllOWABL (s): A-3 F-2 Low H-2 Deflagrate 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 3 R-3 R-4 S-2 Low I Open Enclose tion(s): N/A Kee Sections): List Code Sections Yes Separation 3.3) - The required applying the heil occupancies to construction, so See below for area e such that the sum e allowable floor ar	Area Tal ag Area Tal (SQ FT) - - - - - - - - - - - - -	L Garage V/A Hr. Exception: struction for the R balinitations for opuilding. The mos d, shall apply to the struction for the R a limitations for opuilding. The mos d, shall apply to the struction for the R a limitations for opuilding. The mos d, shall apply to the struction for the R a limitations for opuilding. The mos d, shall apply to the a use shall not ex	SUB-TOTAL
FLOOR 3rd Floor 2nd Floor Mezzanine 1st Floor Basement TOTAL Primary Occup Assembly Business Educational Factory Hazardous Institutional Mercantile Residential Storage Utility and M Accessory Occ Incidental Uses Special Uses (0 Special Provisi Mixed Occupar □ Non-	EXISTING (SQ F ancy Classification A-1 A-2 A F-1 Moderate A F-1 Moderate A F-1 Moderate A F-1 Condition A I-2 Condition A I-2 Condition A I-2 Condition A I-3 Condition A I-3 Condition A I-3 Condition A I-4 A R-1 R-2 A R-1 R-2 A R-1 R-2 A Iscellaneous A Iscellaneous A Capancy Classification Chapter 4 – List Co fons: (Chapter 5 – I hcy: No A Separated Use (508.4) - be	procedures and Gross Buildin T) NEW 48 1200 1200 AllOWABL (s): A-3 F-2 Low H-2 Deflagrate 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 3 R-3 R-4 S-2 Low I Open Enclose tion(s): N/A Actor S.3) - The required applying the hei occupancies to construction, so See below for area e such that the sum allowable floor ar y A + Actual Area com	Area Tal ag Area Tal (SQ FT) - - - - - - - - - - - - -	ble rats.) ble rats.) ble rats.) ble rats.) ats.) ats	SUB-TOTAL
FLOOR 3rd Floor 2nd Floor Mezzanine 1st Floor Basement TOTAL Primary Occup Assembly Business Educational Factory Hazardous Institutional Mercantile Residential Storage Utility and M Accessory Occ Incidental Uses Special Uses (0 Special Provisi Mixed Occupar □ Non-	EXISTING (SQ F ancy Classification A-1 A-2 A F-1 Moderate A F-1 Moderate A F-1 Moderate A F-1 Condition A I-2 Condition A I-2 Condition A I-2 Condition A I-2 Condition A I-3 Condition A I-3 Condition A I-4 A R-1 R-2 A S-1 Moderate A Parking Garage S-1 Moderate A Parking Garage S-1 Moderate A Case A Chapter 4 – List Co Incy: No A Separated Use (508.4) - be the analysis of the analysis of	procedures and Gross Buildin T) NEW 48 1200 1200 AllOWABL (s): A-3 F-2 Low H-2 Deflagrate 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 3 R-3 R-4 S-2 Low I Open Enclose tion(s): N/A Actor S.3) - The required applying the hei occupancies to construction, so See below for area e such that the sum allowable floor ar y A + Actual Area com	Area Tal ag Area Tal (SQ FT) - - - - - - - - - - - - -	ble rats.) ble rats.) ble rats.) ble rats.) ats.) ats	SUB-TOTAL

									PERCENTAGE OF WA		TIONS	
STORY DESCRIPTION NO. USE	BLDG STOR	(A) AREA PER Y (ACTUAL) 00	(B) TABLE 506.2 _{AREA} 9500	AREA FOR	C) R FRONTAGE EASE ^{1,5}	(D) ALLOWABLE ARI STORY OR UNLIN		FIRE SEPARATION DISTANCE (FEET) FROM PROPERTY LINES	DEGREE OF OPENINGS PROTECTION (TABLE 705.8)	ALLOWABLE AREA (%)	ACTUAL SHOWN ON PLANS (%)	ENERGY RE
2 SHOP 2 (BUS	,		19000 re computed t	thus:								meet the 201 also be provid portions of the method, state the annual er
a. Perimeter which from b. Total Building Perim	nts a public v		en space hav		minimum v	/idth =	(F)		LIFE SAFETY SYSTEN	I REQUIREMENTS		Existing bui
c. Ratio (F/P) = _(F/P) d. W = Minimum width	of public wa		,					Emergency Lighting: Exit Signs:	□ No ⊠ Yes □ No ⊠ Yes			Exempt Buil
e. Percent of frontage Unlimited area applicable	e under conc	litions of	Section 507.					Fire Alarm:	🛛 No 🗌 Yes	ial		Clim
Maximum Building Area The maximum area of op Frontage increase is bas	en parking g	garages r	nust comply w	vith Table 4	06.5.4.	tories) (506.2).	Smoke Detection Systems: Carbon Monoxide Detection:	☐ No ⊠ Yes ☐ Part ☐ No ⊠ Yes	liai		Meth
		ALLO	VABLE HEIG	нт				Life Safety Plan Sheet #:A00	LIFE SAFETY PLAN RE	EQUIREMENTS		THERMAL E Roof
Building Height in Feet			LLOWABLE	SHOW	VN ON PLANS	CODE REI	FERENCE 1 04.3	 Fire and/or smoke rated w Assumed and real proper 	ty line locations (if not on	• •		
Building Height in Stories Provide code reference if th The maximum height of a		Plans" qu		1 sed on Table	504.3 or 50	TABLE 5		 Exterior wall opening area Occupancy Use for each a Occupant loads for each a Exit access travel distance 	area as it relates to occup area			
The maximum height of o								 Common path of travel distance Common path of travel distance Dead end lengths (1020.4 Clear exit widths for each 	stances (Tables 1006.2.1	& 1006.3.2(1))		Exte
	FIRE I	PROTEC	TION REQUI	REMENTS				\boxtimes Actual occupant load for e	each exit door		ate based on egress width (10	005.3)
BUILDING ELEMENT	FIRE SEPARATION DISTANCE (FEET)	F REQ'D	RATING PROVIDED (W/* REDUCTION)	AND	FOR	SHEET # FOR RATED PENETRATION	SHEET # FOR RATED JOINTS	 A separate schematic plat purposes of occupancy set Location of doors with par Location of doors with del 	eparation nic hardware (1010.1.10)	, , , , , , , , , , , , , , , , , , ,		
Structural Frame, including columns, girders, trusses Bearing Walls	30+	0HR	0HR					 Location of doors with ele Location of doors equippe Location of emergency es 	ctromagnetic egress lock ed with hold-open devices	s (1010.1.9.9)		Wall
Exterior North	30+	0HR 0HR	0HR 0HR					 The square footage of each The square footage of each 	ch smoke compartment fo		· · · ·	
East West South Interior	30+ 30+ 30+	0HR 0HR 0HR	0HR 0HR 0HR					Note any code exceptions	s or table notes that may l	have been utilized regard	ding the items above	Floo
Nonbearing Walls and Partitions Exterior walls North												Floo
East West South									2018 APPEI UMMARY FOR AI MECHANICAL E ON THE MECHANICAL	LL COMMERCIA		
Interior walls and partitions Floor Construction								(FROVIDE)	MECHANICAL SU)	
Including supporting beams and joists								MECHANICAL SYSTEMS, SER				
Floor Ceiling Assembly Columns Supporting Floors								Thermal Zone				
Roof Construction, including supporting beams and joists Roof Ceiling Assembly								winter dry bulb: summer dry bull	47 F b: 80 F			
Columns Supporting Roof Shaft Enclosures - Exit								Interior design condition				
Shaft Enclosures - Other								winter dry bulb: summer dry bull relative humidity	b: <u>54 F</u>			BUILD
Corridor Separation Occupancy/Fire Barrier Separ	ation	2HR	2HR					Building heating load:	308 MBH			DESIGN LOA
Party/Fire Wall Separation Smoke Barrier Separation								Building cooling load:				Impo
Smoke Partition Tenant/Dwelling Unit/ Sleeping Unit Separation Incidental Use Separation								Mechanical Spacing C Unitary description o				Live
Indicate section number per	mitting reduct	ion						heating efficience	ency:			
	AC	CESSIBI		G UNITS				size category Boiler		4,3 AND 2 TON MINI-SF	<u>PLIT UNIT</u>	Grou
TOTAL ACCESSIBLE AC	CESSIBLE	(SI TYPE A	ECTION 1107 TYPE A) TYPE B	TYPE I	З то [.]		Chiller	y. If oversized, state reas			Winc
UNITS UNITS	UNITS	UNITS	UNITS PROVIDED	UNITS REQUIRED	UNITS PROVIDEI	ACCESSI	BLE UNITS /IDED	List equipment efficier	y. If oversized, state reas			SEISMIC DE
N/A			IBLE PARKIN CTION 1106)	١G								Provide the fo Risk Spec
OT OR PARKING TOTAL # OF REA REQUIRED	PARKING SPAC		# OF ACCESS JLAR WITH	SIBLE SPACES VAN SPA	PROVIDED	ACCE	TAL # SSIBLE		2018 APPE			Site (
2420 SF 4	4	5' AC	CESS AISLE 1	32" ACCESS AISLE -	8' ACCE AISLE 1		/IDED 4	BUILDING CODE S	UMMARY FOR A ELECTRICAL E ON THE ELECTRICAL	DESIGN		Basi
	PL	UMBING	FIXTURE RE (TABLE 290		NTS				ELECTRICAL SU	JMMARY		Arch
USE	WATERCLOSE	ts l	IRINALS	LAVATORIES			NG FOUNTAINS	ELECTRICAL SYSTEM AND E				
MALE GYM EXIST'G -	FEMALE	UNISEX -	MALE	FEMALE U	-		R ACCESSIBLE	Method of Compliance	ASHRAE 90.1	erformance	•	LATERAL DI
NEW 1 REQ'D 1 BUSINESS EXIST'G - NEW 2	1 1 - 2	-	- 1 	 - - 1	' 1 - 1	2 -	1 1 - 1	Lighting schedule (each lamp type requi number of lamp	red in fixture: s in fixture:	STRIP LED LIGH SINGLE LAMP II	N ONE FIXTURE	SOIL BEARI Field Presu Pile s
REQ'D 2	2 .1; the total occup	- pant load of 1	- 1 20 is divided equall	י 1 ly for each sex f	- or gym space. N	- • 1ale occupant load=	1 1 :60; Female occupant load:	e0 (whole building	ttage specified vs. allowe or space by space)	(BUILDING ARE	ED VS 3175W ALLOWED	ר ווכ צ
Based on Section 2902.1	.1; the total occup				r business spac	e. Male occupant lo	ad=30; Female occupant k	Additional Efficiency F	attage specified vs. allowe	ed <u>N/A</u>		
pecial approval: (Local Ju	risdiction, D		AL APPROVA		I, DHHS, e	tc., describe b	pelow)	(When using the 2018 ☐ C406.2 More ⊠ C406.3 Redu ☐ C406.4 Enha ☐ C406.5 On-5	NCECC; not required for e Efficient HVAC Equipme uced Lighting Power Den anced Digital Lighting Col Site Renewable Energy icated Outdoor Air Syster	ent Performance sity ntrols		
									uced Energy Use in Servi			

STORY DESCRIPTION		(A)	(B)		(C)	(D)		FIRE SEPARATION DISTANCE	PERCENTAGE OF WAL	L OPENING CALCUL	ATIONS	
NO. USE 1 SHOP 1 (GYN 2 SHOP 2 (BUS	stor 1) 60	GAREA PER Y (ACTUAL) 000	TABLE 506.2 AREA 9500 19000		R FRONTAGE EASE ^{1,5}	ALLOWABLE AF		(FEET) FROM PROPERTY LINES	PROTECTION (TABLE 705.8)	(%)	(%)	ENERGY The follow meet the 2 also be pro
		500.0										portions of method, st
1 Frontage area increases a. Perimeter which from	nts a public v	way or op	en space hav		minimum v	vidth =	_(F)		LIFE SAFETY SYSTEM	PEOLIIPEMENTS		the annual Existing t
b. Total Building Perim c. Ratio (F/P) = _(F/P)		=(Ρ)					Emergency Lighting:	🗌 No 🔀 Yes	REQUIREMENTS		Exempt E
d. W = Minimum widthe. Percent of frontage i2 Unlimited area applicable	increase If =	100[F/P		60 =	(%)			Exit Signs: Fire Alarm:	□ No ⊠ Yes ⊠ No □ Yes			c
3 Maximum Building Area = 4 The maximum area of op 5 Frontage increase is base	= total numb en parking (er of stori garages n	ies in the buil nust comply v	vith Table 4	06.5.4.	tories) (506.2	2).	Smoke Detection Systems: Carbon Monoxide Detection:	☐ No ⊠ Yes ☐ Partia ☐ No ⊠ Yes	al		М
		ALLOV	VABLE HEIG	нт				Life Safety Plan Sheet #:A00	LIFE SAFETY PLAN RE	QUIREMENTS		THERMAI
Building Height in Feet			LLOWABLE		VN ON PLANS	CODE RE	EFERENCE 1	 Fire and/or smoke rated v Assumed and real prope 		he site plan)		R
Building Height in Stories 1 Provide code reference if the		Plans" qua	2 antity is not ba	1 sed on Table	e 504.3 or 50	TABLE		 Exterior wall opening are Occupancy Use for each Occupant loads for each 	area as it relates to occup area			
2 The maximum height of a 3 The maximum height of c								 Exit access travel distance Common path of travel d Dead end lengths (1020. 	istances (Tables 1006.2.1 d 4)	& 1006.3.2(1))		Ex
	FIRE	PROTEC	TION REQUI	REMENTS					upant load capacity each e	xit door can accommo	date based on egress width (100	05.3)
BUILDING ELEMENT	FIRE SEPARATION DISTANCE		ATING PROVIDED	DETAIL #	DESIGN # FOR	SHEET # FOR RATED PENETRATION	SHEET # FOR RATED	 Actual occupant load for A separate schematic pla purposes of occupancy s 	an indicating where fire rate eparation	ed floor/ceiling and/or ro	oof structure is provided for	
Structural Frame,	(FEET)		REDUCTION)	_ _	ASSEMBLY		JOINTS	 Location of doors with pa Location of doors with de 	elayed egress locks and the		0.1.9.7)	
including columns, girders, trusses	30+	0HR	0HR					 Location of doors with ele Location of doors equipped 	ed with hold-open devices	יוטוטו.ו.ש.ש)		W
Bearing Walls Exterior	~~							 Location of emergency end The square footage of each or square footage	ach fire area (202)		Non 1 0 (407 5)	
North East West	30+ 30+ 30+	0HR 0HR 0HR	0HR 0HR 0HR					The square footage of eaNote any code exception	•		. ,	FI
South Interior	30+	0HR	0HR									
Nonbearing Walls and Partitions Exterior walls												FI
North East									2018 APPEN			
West South								BUILDING CODE S	MECHANICAL D	ESIGN		
Interior walls and partitions Floor Construction								(PROVIDE			BLE)	
Including supporting beams and joists								MECHANICAL SYSTEMS, SEI	MECHANICAL SU			
Floor Ceiling Assembly Columns Supporting Floors								Thermal Zone	RVICE STSTEINS AND EC			
Roof Construction, including supporting beams and joists Roof Ceiling Assembly								winter dry bulb summer dry bu	lb: <u>80 F</u>			
Columns Supporting Roof Shaft Enclosures - Exit Shaft Enclosures - Other								Interior design condit winter dry bulb	: <u>55 F</u>			
Corridor Separation								summer dry bu relative humidit				BUIL
Occupancy/Fire Barrier Separ Party/Fire Wall Separation	ation	2HR	2HR					Building heating load	: <u>308 MBH</u>			DESIGN L
Smoke Barrier Separation Smoke Partition								Building cooling load				Im
Tenant/Dwelling Unit/ Sleeping Unit Separation Incidental Use Separation								Mechanical Spacing C Unitary				Li
* Indicate section number peri	mitting reduct	tion						description of heating effic cooling effic	ciency:			
	۵0	CESSIBI	.E DWELLIN	GUNITS				size categor Boiler	2	4,3 AND 2 TON MINI-S	SPLIT UNIT	Gi
		(SE	ECTION 1107	")		_		Size catego Chiller	ry. If oversized, state reaso			w
UNITS UNITS	CESSIBLE UNITS ROVIDED	TYPE A UNITS REQUIRED	TYPE A UNITS PROVIDED	TYPE E UNITS REQUIRED	UNITS	ACCESS	OTAL SIBLE UNITS OVIDED	C C	ry. If oversized, state reasc	on.:		SEISMIC I
REQUIRED Pr N/A		ACCESS	IBLE PARKI			_ FRU		List equipment efficie	NCIES:			Provide the Ris Sr
	PARKING SPAC	CES		SIBLE SPACES			DTAL #		2040 A DDCA	אוחוי פ		Sit
AREA REQUIRED	PROVIDE		JLAR WITH CESS AISLE	VAN SP 132" ACCESS AISLE -	ACES WITH 8' ACCE AISLE 1	SS PRC	ESSIBLE DVIDED 4		2018 APPEN UMMARY FOR AL ELECTRICAL DI ON THE ELECTRICAL S	L COMMERCIA		Ba
			FIXTURE RE		NTS			(FROVIDE	ELECTRICAL SU		,	Aı Aı
		ONDING	(TABLE 290					ELECTRICAL SYSTEM AND E				,
USE MALE GYM EXIST'G -	WATERCLOSE FEMALE	TS U UNISEX -	RINALS MALE	LAVATORIES FEMALE	UNISEX / -	TUBS REGULA	KING FOUNTAINS AR ACCESSIBLE -	Method of Complianc	e: Energy Code	rformance	•	LATERAL
NEW 1 REQ'D 1	1 1	-	- 1 	1 -	1 1	2 -	1 1	Lighting schedule (eacl	•••	i	TON MINI-SPLIT UNIT	SOIL BEA Fie
BUSINESS EXIST'G - NEW 2 REQ'D 2	- 2 2	- -	 - 1 - 1	- 1 1	- 1 -	 	- 1 1	lamp type requ number of lam total wattage p	ps in fixture: per fixture:	40 W PER FIXT	IN ONE FIXTURE	Fi Pr Pi
							d=60; Female occupant load=	60 (whole building	attage specified vs. allowed g or space by space)	(BUILDING ARE	FIED VS 3175W ALLOWED EA METHOD)	
Based on Section 2902.1.	.1; the total occu		0 is divided equally		or business spac	e. Male occupant	load=30; Female occupant lo	Additional Efficiency				
Special approval: (Local Ju	risdiction, D				PI, DHHS, e	tc., describe	below)	(When using the 2018 □ C406.2 Mor ⊠ C406.3 Rec	B NCECC; not required for re Efficient HVAC Equipme duced Lighting Power Dens nanced Digital Lighting Con	nt Performance		
								C406.5 On-	Site Renewable Energy Site Renewable Energy dicated Outdoor Air System duced Energy Use in Servio	I		

USE WATERCLOSETS URINA MALE FEMALE UNISEX GYM EXIST'G NEW 1 1 REQ'D 1 1 USINESS EXIST'G NEW 2 2 REQ'D 2 2						
GYM EXIST'G -	USE		V	WATERCLOS	ETS	URINA
NEW 1 1 - - REQ'D 1 1 - - SUSINESS EXIST'G - - - NEW 2 2 - -			MALE	FEMALE	UNISEX	
REQ'D 1 1	GYM	EXIST'G	-	-	-	-
IUSINESS EXIST'G NEW 2 2		NEW	1	1	-	-
NEW 2 2		REQ'D	1	1	-	-
	USINESS	EXIST'G	-	-	-	-
req'd 2 2		NEW	2	2	-	-
		REQ'D	2	2	-	-



SCALE:

AS SHOWN

22-4006