			PER STORY (ACTUAL)	AREA	FRONTAGE INCREASE ^{1,5}	AREA PER STORY OR UNLIMITED ^{2,3}
	BUSINESS		7,000	7,000 23,000		23,000
					· · · · · · · · · · · · · · · · · · ·	
¹ FRONTAC	SE AREA INCR	REASES FROM SE	ECTION 506.2 ARE C	COMPUTED THUS:		
B. TO	TAL BUILDING TIO (F/P) =	PERIMETER(F/F	=(P) P) C WAY =	. (W)		!UM
D. W E. PEI	RCENT OF FR	ONTAGE INCREA	$SE \mid_{\Gamma} = 100[F/P - 0]$.25] X W/30=	(%)	
E. PE	RCENT OF FR	ONTAGE INCREA	$SE_f = 100[F/P-0]$ CONDITIONS OF SEC		(%)	
E. PEI ² UNLIMITE	RCENT OF FR D AREA APP	ONTAGE INCREAS LICABLE UNDER	CONDITIONS OF SEC	TION 507.		M 3 STORIES) (506.2).
E. PEI ² UNLIMITE ³ MAXIMUN	RCENT OF FR D AREA APP BUILDING A	ONTAGE INCREA: LICABLE UNDER REA = TOTAL N	CONDITIONS OF SEC	CTION 507. IN THE BUILDING	S x D (MAXIMUI	M 3 STORIES) (506.2).
E. PEI 2 UNLIMITE 3 MAXIMUN 4 THE MAX	RCENT OF FR D AREA APP BUILDING A KIMUM AREA	ONTAGE INCREAS LICABLE UNDER REA = TOTAL N OF OPEN PARKII	CONDITIONS OF SECUMBER OF STORIES	CTION 507. IN THE BUILDING COMPLY WITH 40	G x D (MAXIMUI	M 3 STORIES) (506.2).

ALI	OWAR	F

ALLOWABLE	SHOWN ON PLANS	CODE 1
FEET <u>55</u>	23'-8"	
STORIES 3	STORIES 1	
		FEET 55 23'-8"

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

BUILDING ELEMENT	FIRE_		RATING	DETAIL	DESIGN #	DESIGN # FOR	DESIGN
	SEPARATION DISTANCE	REQ'D	PROVIDED _	AND	FOR	RATED	# FOR
	(FEET)		REDUCTION)	SHEET #	RATED ASSEMBLY	PENETRATION	RATED JOINTS
STRUCTURAL FRAME,							
INCLUDING COLUMNS,	_	0		_		_	
GIRDERS, TRUSSES	Annual Control of the						
BEARING WALLS	<u> </u>		-				
EXTERIOR	_		-	_		_	
NORTH		0			_	-	
EAST		0	_		_		
WEST		0	****		****	-	
SOUTH		0	*****		****	-	
INTERIOR	_	0	_				
NONBEARING WALLS & PARTITIONS	_		-	_	*****		*****
EXTERIOR	-	0			***	-	
NORTH	_	0	-	-	-	-	
EAST		0					_
WEST	-	0	****	_	_	-	_
SOUTH		0	· 	nima+			
INTERIOR	_	0		-	_	-	
FLOOR CONSTRUCTION INCLUDING SUPPORTING BEAMS AND JOISTS	Verment	0			-	_	
FLOOR CEILING ASSEMBLY	_		•••	*****		-	
COLUMNS SUPPORTING FLOORS	****		-	-			
ROOF CONSTRUCTION INCLUDING SUPPORTING BEAMS AND JOISTS	_	0	_				
ROOF CEILING ASSEMBLY		_	_		-		
COLUMNS SUPPORTING ROOF						-	
SHAFT ENCLOSURES—EXIT				-			***
SHAFT ENCLOSURES—OTHER		-	-				
CORRIDOR SEPARATION		0	-				_
OCCUPANCY SEPARATION							
PARTY/FIRE WALL SEPARATION							
SMOKE BARRIER SEPARATION							
TENANT/DWELLING UNIT/ SLEEPING UNIT SEPARATION				_		41145	
NCIDENTAL USE SEPARATION							

*INDICATE SECTION NUMBER PERMITTING REDUCTION

PERCENTAGE OF WALL OPENING CALCULATIONS

FIRE SEPARATION DISTANCE (FEET) FROM PROPERTY LINES	DEGREE OF OPENINGS PROTECTION (TABLE 705.8)	ALLOWABLE AREA (%)	ACTUAL SHOWN ON PLANS (%)
82'	UP; NS	NO LIMIT	42%
1			

LIFE SAFETY SYSTEM REQUIREMENTS:

EMERGENCY LIGHTING:		NO	\boxtimes	YES	
EXIT SIGNS:		NO	×	YES	
FIRE ALARM:	\boxtimes	NO		YES	
SMOKE DETECTION SYSTEMS:	\boxtimes	NO		YES	PARTIAL
CARBON MONOXIDE DETECTION:	\boxtimes	NO		YES	

LIFE SAFETY PLAN REQUIREMENTS:

LIFE SAFETY PLAN SHEET #, IF PROVIDED LS-1 OF 1

ACCESSIBLE DWELLING UNITS N/A (SECTION 1107)

			(SE	CHÓM TIO	(1)		
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-SEE SITE PLAN-SEE SITE PLAN (SECTION 1106)

LOT OR PARKING AREA	TOTAL # OF	PARKING SPACES	# OF ACCESSIBL	VIDED	TOTAL #	
	REQUIRED	PROVIDED	REGULAR WITH 5'			ACCESSIBLE
			ACCESS AISLE	132" ACCESS AISLE	8' ACCESS AISLE	PROVIDED
	24	37	2			2

PLUMBING FIXTURE REQUIREMENTS

USE		ν	VATERCLO	SETS	URINALS	LAVATORIES			SERVICE	DRINKING FOUNTAINS	
		MALE	FEMALE	UNISEX	OKIIVALS	MALE	FEMALE	UNISEX	SINK	REGULAR	ACCESSIBLE
TENANT	REQUIRED			1				1	*	*	*
BUSINESS	PROVIDED	-	_	1	_	****		1	*	*	*
TENANT	REQUIRED		-	1			_	1	*	*	*
	PROVIDED		_	1		-	_	1	*	*	*
TENANT	REQUIRED		_	1			_	1	*	*	*
BUSINESS	PROVIDED	_	****	1	_	_	-	1	*	*	*
TENANT 4	REQUIRED			1		_	•••	1		_	
BUSINESS	PROVIDED		••••	1		-		1	1	1	1

*NCSBC 2902.6

SPECIAL APPROVALS SPECIAL APPROVAL: (LOCAL JURISDICTION, DEPARTMENT OF INSURANCE, OSC, DPI, DHHS, ICC, ETC., DESCRIBE BELOW)

DESIGN LOADS: STRUCTURAL DESIGN-EXISTING BUILDING SNOW (I_S) ____ SEISMIC (I_E) _____ LIVE LOADS: MEZZANINE _____ PSF ______ PSF

GROUND SNOW LOAD: ____ PSF BASIC WIND SPEED ____ MPH (ASCE-7) EXSPOSURE CATEGORY _____

SEISMIC DESIGN CATEGORY

PROVIDE THE FOLLOWING SEISMIC DESIGN PARAMETERS: OCCUPANCY CATEGORY (TABLE 1604.5) SPECTRAL RESPONSE ACCELERATION S_S ______%g S₁ DATA SOURCE:

FIELD TEST

PRESUMPTIVE

HISTORICAL DATA

BASIC STRUCTURAL SYSTEM (CHECK ONE)

☐ 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, MECHANICAL, COMPONENTS ANCHORED?
YES NO

LATERAL DESIGN CONTROL: EARTHQUAKE 🖂 WIND SOIL BEARING CAPACITIES: FIELD TEST (PROVIDE COPY OF TEST REPORT) PRESUMPTIVE BEARING CAPACITY

PILE SIZE, TYPE, AND CAPACITY_____

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 THE ANNUAL ENERGY COST FOR THE

EXISTING RITH DING ENVELOPE COMPLIES WITH CORE. AND THE SECTION IS NOT ADDITIONS OF

12: ING DOTEDING FUAS	THE CHWELTES MILH CHRE [] NO [YES (THE REMAINDER OF THIS SECTION IS NOT APPLICABLE	Ξ)
KEMPT BUILDING NO	YES PROVIDE CODE OR STATUTORY	REFERENCE:	
CLIMATE ZONE:			
ETHOD OF COMPLIANCE:	ENERGY CODE PERFORMANCE	PRESCRIPTIVE	
	ASHRAE 90.1 PERFORMANCE	PRESCRIPTIVE	

OTHER: PERFORMANCE (SPECIFY SOURCE) THERMAL ENVELOPE (PRESCRIPTIVE METHOD ONLY) ROOF/CEILING ASSEMBLY (EACH ASSEMBLY) DESCRIPTION OF ASSEMBLY R-19 + R-11 LS WITH R-3 THERMAL BLOCKSU-VALUE OF TOTAL ASSEMBLY: N/A R-VALUE OF INSULATION: N/A

U-VALUE OF SKYLIGHT: <u>N/A</u> TOTAL SQUARE FOOTAGE OF SKYLIGHTS IN EACH ASSEMBLY N/A EXTERIOR WALLS (EACH ASSEMBLY)

DESCRIPTION OF ASSEMBLY R-0.0+R-15.8 CI, WITH BRICK VENEER U-VALUE OF TOTAL ASSEMBLY: R-VALUE OF INSULATION: N/A OPENINGS (WINDOWS OR DOORS WITH GLAZING) DOUBLE PANE, H.M. FRAME U-VALUE OF ASSEMBLY 0.45 SOLAR HEAT GAIN COEFFICIENT N/A

PROJECTION FACTOR N/A DOOR R-VALUES 1.3 WALLS BELOW GRADE (EACH ASSEMBLY) DESCRIPTION OF ASSEMBLY N/A U-VALUE OF TOTAL ASSEMBLY N/A R-VALUE OF INSULATION: N/A

FLOORS OVER UNCONDITIONED SPACE (EACH ASSEMBLY) DESCRIPTION OF ASSEMBLY N/A U-VALUE OF TOTAL ASSEMBLY N/A R-VALUE OF INSULATION N/A

SKYLIGHTS IN EACH ASSEMBLY N/A

FLOOR SLAB ON GRADE DESCRIPTION OF ASSEMBLY SLAB-ON-GRADE R-VALUE OF INSULATION R-15 TO BOTTOM OF FOOTING

HORIZONTAL / VERTICAL REQUIREMENT ____

U-VALUE OF TOTAL ASSEMBLY _____

SLAB HEATED ? NO

Summary:

ENERGY CODE: 2018 NORTH CAROLINA STATE BUILDING CODE: ENERGY CONSERVATION CODE

2018 NORTH CAROLINA STATE BUILDING CODE: BUILDING CODE BUILDING CODE: MECHANICAL CODE: 2018 NORTH CAROLINA STATE BUILDING CODE: MECHANICAL CODE PLUMBING CODE: 2018 NORTH CAROLINA STATE BUILDING CODE: PLUMBING CODE

ELECTRICAL CODE: 2020 NATIONAL ELECTRIC CODE

ICC/ANSI 117.1-2009 AMERICAN NATIONAL STANDARD ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES ACCESSIBILITY CODE:

CONSTRUCTION: OCCUPANCY: BUSINESS

SHEET INDEX BD-1 OF 1 APPENDIX B

E-4 OF 4

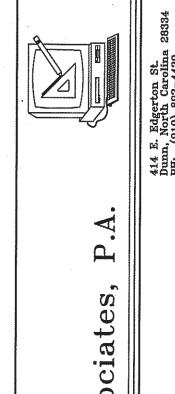
F-1 OF 2 FLOOR PLAN F-2 OF 2 FOUNDATION PLAN P-1 OF 3 PLUMBING SUPPLY PLAN

P-2 OF 3 PLUMBING WASTE & VENT PIPING PLAN P-3 OF 3 PLUMBING WASET & VENT RISER DIAGRAMS/NOTES

M-1 OF 2 MECHANICAL HVAC PLAN M-2 OF 2 MECHANICAL SCHEDULES & DETAILS

E-1 OF 4 ELECTRICAL LIGHTING PLAN E-2 OF 4 ELECTRICAL POWER PLAN E-3 OF 4 ELECTRICAL PANEL SCHEDULES & NOTES ELECTRICAL RISER DIAGRAM

REVISIONS NO.



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