

BUILDING CODE SUMMARY SHEET

PROJECT NAME: RENOVATIONS OF RUMLEY CENTER
 ADDRESS: CAMPBELL UNIVERSITY - BOUIES CREEK, NC
 PROPOSED USE: OFFICE
 OWNER/CONTACT PERSON: BRETT STRICKLAND PHONE NO: 919-805-0664
 E-MAIL: brett@si-nc.com
 OWNED BY: PRIVATE CITY/COUNTY STATE
 CODE ENFORCEMENT JURISDICTION: HARNETT COUNTY

2018 EDITION OF CODE FOR:
 NEW CONSTRUCTION
 ADDITION
 UPFIT CHANGE OF USE
 ALTERATION LEVEL 2
 EXISTING BUILDING

THE AREA OF RENOVATION WAS
 PRIMARILY AN ASSEMBLY AREA
 NEW USE TO BE OFFICES
 CHANGE FROM A-3 TO B OCCUP

FIRE RESISTANCE RATINGS: EXSTG BLDG

	FIRE SEPARATION DISTANCE (FT)	RATING		DETAIL # & SHEET #	DESIGN # FOR RATED ASSEMBLY	SHT # FOR RATED PENETRATION	SHT # FOR RATED JOINTS
		REQ'D	PROVIDED				
STRUCTURAL FRAME including columns, girders, trusses		0 HR	0 HR				
BEARING WALLS EXTERIOR							
North	30'+	0 HR	0 HR				
East	30'+	0 HR	0 HR				
West	30'+	0 HR	0 HR				
South	30'+	0 HR	0 HR				
Interior bearing walls		0 HR	0 HR				
NON-BEARING WALLS EXTERIOR							
North		NA					
East		NA					
West		NA					
South		NA					
Interior non bearing walls		0 HR	0 HR				
FLOOR CONSTRUCTION incl supporting beams & joists		0 HR	0 HR				
FLOOR CEILING ASSEMBLY		NA					
COLUMNS SUPPORTING FLOORS		NA					
ROOF CONSTRUCTION incl supporting beams & joists		0 HR	0 HR				
ROOF CEILING ASSEMBLY		0 HR	0 HR				
COLUMNS SUPPORTING ROOFS		0 HR	0 HR				
SHAFTS - exit		NA					
SHAFTS - other		NA					
CORRIDOR SEPARATION		NA					
OCCUPANCY/FIRE BARRIER SEPARATION		0 HR	2 HR	EXSTG			
PARTY/FIRE WALL SEPARATION		NA					
SMOKE BARRIER SEPARATION		NA					
TENANT SEPARATION		NA					
INCIDENTAL USE SEPARATION		NA					

DESIGNER OF RECORD:

DESIGNER:	FIRM NAME	NAME	LICENSE #	TELEPHONE #	E-MAIL
BUILDING	SMITH ENGINEERING & DESIGN	J.T. SMITH, JR	24916	(919)-736-2141	smithengineeringnc@hotmail.com
ELECTRICAL	SMITH ENGINEERING & DESIGN	J.T. SMITH, JR	24916	(919)-736-2141	smithengineeringnc@hotmail.com
PLUMBING	NA				
MECHANICAL	NA				
STRUCTURAL	NA				
SPRINKLER-STANDPIPE	NA				
FIRE ALARM	NA				
OTHER	NA				

BUILDING DATA:

OCCUPANCY: R-2 RESIDENTIAL / B BUSINESS

CONSTRUCTION TYPE: I-A I-B II-A II-B III-A III-B IV V-A V-B

MIXED CONSTRUCTION? YES NO TYPE: NA

SPRINKLERS: YES PARTIAL NO NFPA 13 NFPA 13R NFPA 13D

STANDPIPES: YES NO CLASS: I II III WET DRY

FIRE DISTRICT: YES NO FLOOD HAZARD AREA: YES NO

BUILDING HEIGHT: 36 FT NO. OF STORIES: 3 UNLIMITED PER _____

MEZZANINE: YES NO

SPECIAL INSPECTIONS: YES NO

GROSS BUILDING AREA:

FLOOR:	EXISTING	NEW	SUB-TOTAL
BASEMENT	NA	NA	NA
1ST FLOOR	10,327 SF	NA	10,327 SF
MEZZANINE	NA	NA	NA
2ND FLOOR	4421 SF	NA	4421 SF
3RD FLOOR	4421 SF	NA	4421 SF
TOTAL GROSS AREA:	19,169 SF		19,169 SF

LIFE SAFETY SYSTEMS REQUIREMENTS:

EMERGENCY LIGHTING YES NO EXIT LIGHTING YES NO FIRE ALARM YES NO
 SMOKE DETECTION SYSTEM YES NO PARTIAL CARBON MONOXIDE DETECTION YES NO

LIFE SAFETY PLAN REQUIREMENTS: EXSTG BLDG - NO ADDITIONS

Life Safety Plan Sheet #:

Fire and/or smoke rated wall locations (Chapter 7)
 Assumed and real property line locations (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))
 Dead end lengths (1020.4)
 Clear exit widths for each exit door
 Max. calculated occupant load capacity eq. 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
 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

STRUCTURAL DESIGN: EXISTING BLDG - NO STRUCTURAL WORK TO BE DONE

DESIGN LOADS

IMPORTANCE FACTORS: SNOW (I_s) _____
 SEISMIC (I_e) _____

LIVE LOADS: ROOF _____
 MEZZANINE _____
 FLOOR _____

GROUND SNOW LOADS: _____

WIND LOADS: ULTIMATE WIND SPEED _____ (ASCE-7)
 EXPOSURE CATEGORY _____

SEISMIC DESIGN CATEGORY A B C D

RISK CATEGORY (TABLE 1604.5) I II III IV

SPECTRAL RESPONSE ACCELERATION S_s _____ %g S₁ _____ %g

SITE CLASSIFICATION _____ Field test Presumptive
 Historical data

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 Modal
 Equivalent Lateral Force

ARCHITECTURAL, MECHANICAL, COMPONENTS ANCHORED? _____

LATERAL DESIGN CONTROL: EARTHQUAKE WIND

SOIL BEARING CAPACITIES:

FIELD TEST _____
 PRESUMPTIVE BEARING CAPACITY _____
 PILE SIZE, TYPE, AND CAPACITY _____

ALLOWABLE AREA:

PRIMARY OCCUPANCY: R-2 & B ACCESSORY USE: _____ % OF FLOOR AREA: _____
 INCIDENTAL USES: _____ SPECIAL USES: _____

SPECIAL PROVISIONS: _____

MIXED OCCUPANCY: NO YES SEPARATION: 2HR EXCEPTION: _____
 NON-SEPARATED MIXED OCCUPANCY
 SEPARATED MIXED OCCUPANCY

STORY #	DESCRIPTION & USE	BLDG AREA PER STORY (ACTUAL)	TABLE 506.2 AREA	AREA FOR OPEN SPACE INCREASE	AREA FOR SPRINKLER INCREASE	ALLOWABLE AREA PER STORY OR UNLIMITED
1	R-2 & B	10,327 SF	16,000 SF	NOT USED	NA	16,000 SF
2	R-2	4421 SF				
3	R-2	4421 SF				

ALLOWABLE HEIGHT: EXSTG BLDG

	ALLOWABLE	INCREASE FOR SPRINKLERS	SHOWN ON PLANS	CODE REFERENCE
BLDG HT IN FEET	55 FT	NOT USED	36 FT	
BLDG HT IN STORIES	3	NA	3	

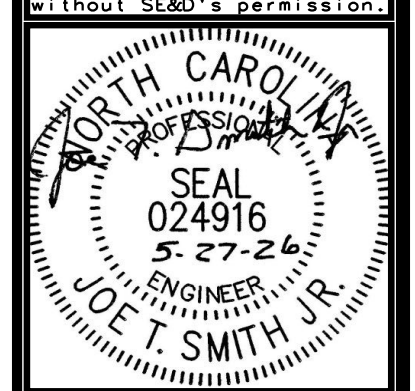
PERCENTAGE OF WALL OPENING CALCULATIONS

FIRE SEPARATION DIST FROM PROPERTY LINE	DEGREE OF OPNGS PROTECTION	ALLOWABLE AREA %	ACTUAL AREA %
EXSTG BLDG			

ACCESSIBLE PARKING: EXISTING

TOTAL # PARKING SPACES REQUIRED	TOTAL # ACCESSIBLE SPACES PROVIDED	# ACCESSIBLE SPACES PROVIDED	TOTAL # ACCESSIBLE PROVIDED	
			REGULAR	VAN

Smith Engineering and Design, P.A.
 1103 Gracie Place - Suite A
 Goldsboro, N.C. 27534
 Phone: 919.736.2141
 Fax: 919.736.2142
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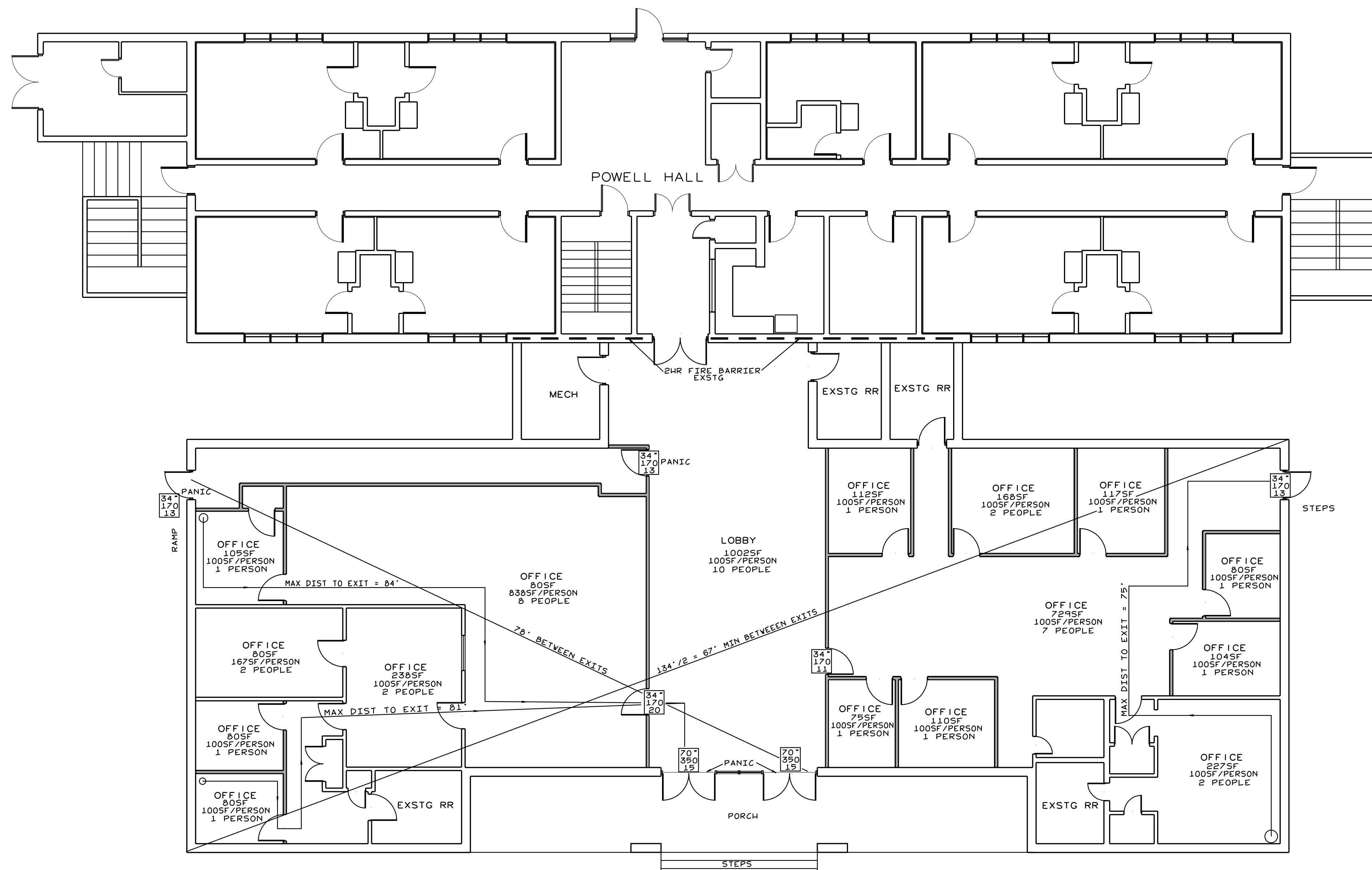
ALTERATION OF THE RUMLEY CENTER
 CAMPBELL UNIVERSITY
 BOUIES CREEK, N.C.

JOB #26012
 DRAWN BY: JL
 DATE: 05/27/2026

CODE SUMMARY

B-1





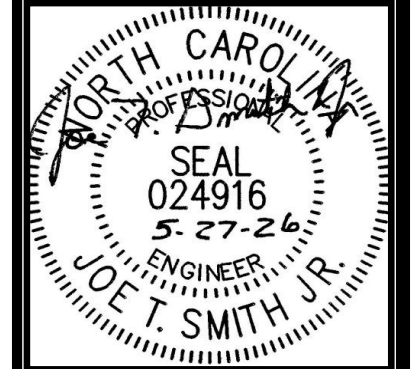
46" WIDTH OF OPNG
 230 MAX OCCUP CAPACITY
 5 ACTUAL OCCUP LOAD

FIRE AREA = 5500 SF
 BUSINESS OCCUPANCY
 TOTAL OCCUPANT LOAD = 56 PEOPLE

LIFE SAFETY PLAN
 SCALE: 1/8"=1'-0"

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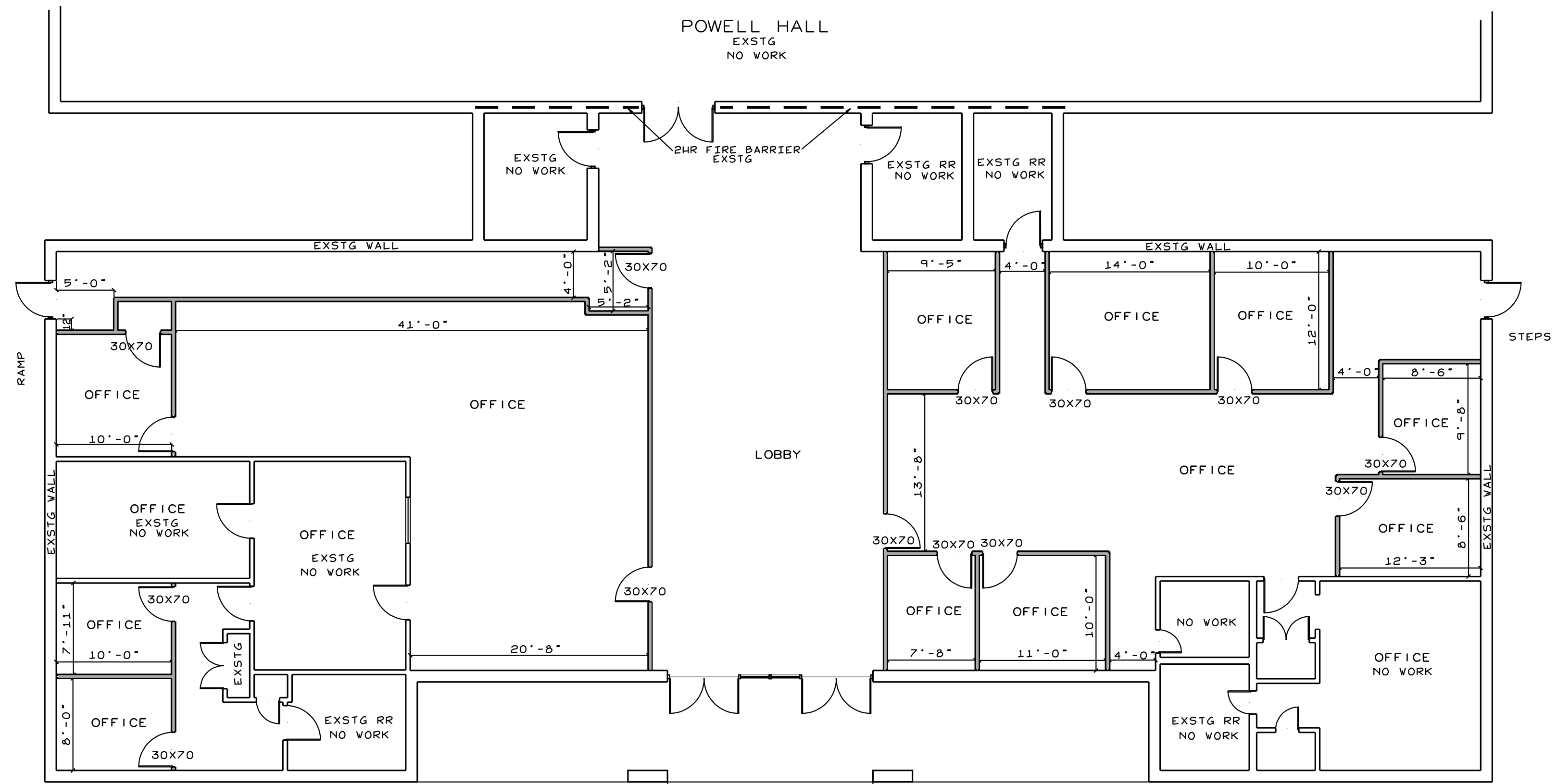
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ALTERATION OF
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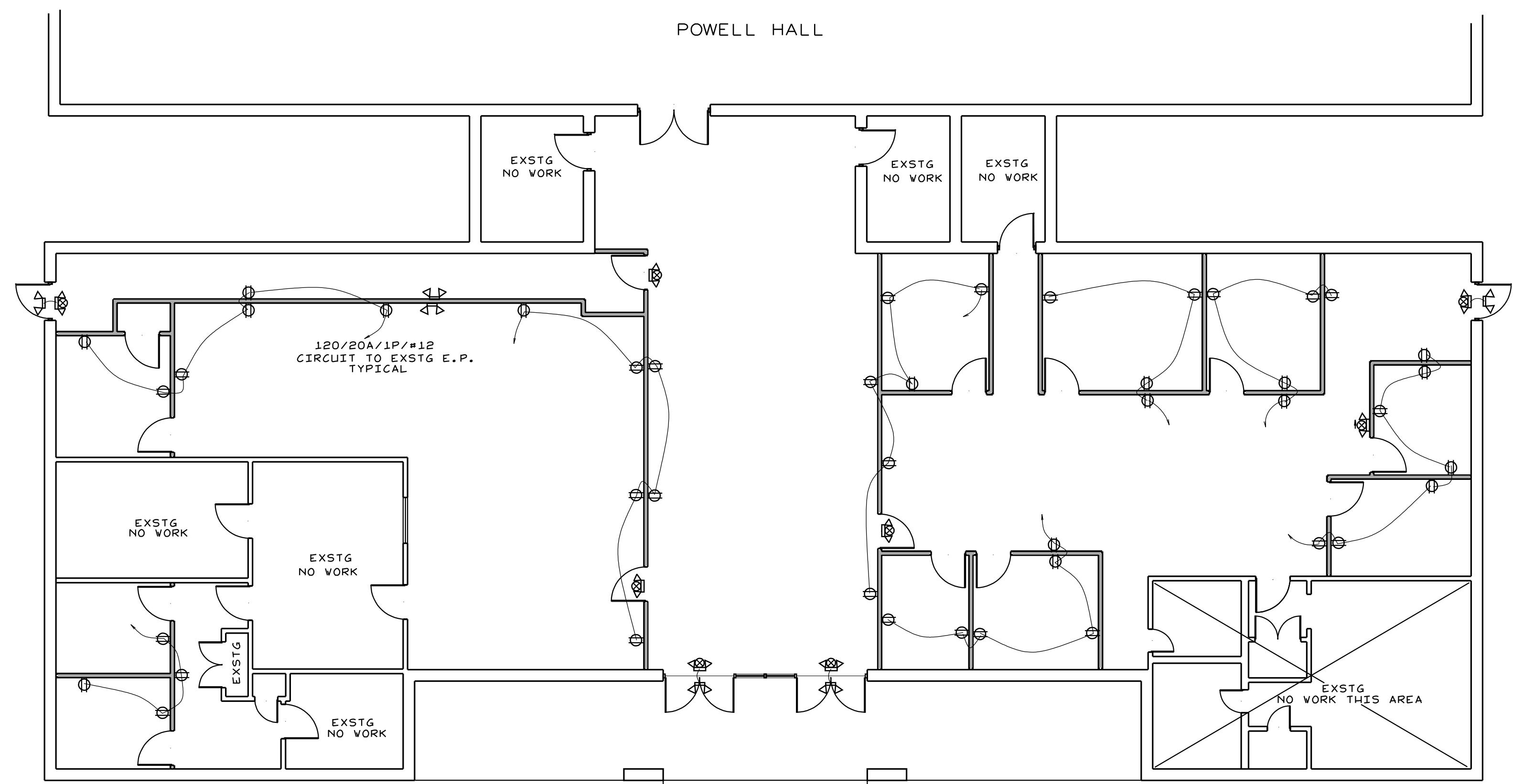
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LIFE SAFETY PLAN

B-2



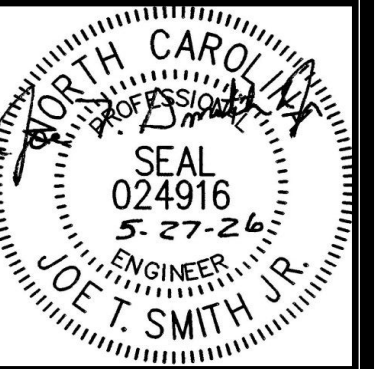
FLOOR PLAN
SCALE: 1/8"=1'-0"



ELECTRICAL PLAN
SCALE: 1/8"=1'-0"

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NO.	DESCRIPTION

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FLOOR PLAN
ELECTRICAL PLAN

GE-1