2018 APPENDIX	B BUILDING CODE SUN	1MARY
Name of Project: Word Afire Ministries		ACCESSIBLE PARKING (SECTION 1106)
Address: 1503 Denim Road Erwin, NC Zip Code: 28339	STORY DESCRIPTION BLDG AREA TABLE 506.2 ⁴ AREA FOR ALLOWABLE AND USE PER STORY (ACTUAL) FRONTAGE INCREASE 1,5 UNLIMITED 2,3	TOTAL # PARKING SPACES # ACCESSIBLE SPACES PROVIDED TOTAL #
Proposed Use: Church	(ACTUAL) INCREASE ^{1,5} UNLIMITED ^{2,3} 1 Church 6,500 6,000 4,500 10,500	PARKING AREA REQUIRED PROVIDED REGULAR WITH STACCESS AISLE 132" ACCESS AISLE AISLE AISLE AISLE ACCESSIBLE SPACES PROVIDED
Owner or Authorized Agent :		Existing
Code Enforcement Jurisdiction: City State State	¹ Frontage area increases from Section 506.2 are computed thus: a. Perimeter which fronts a public way or open space having 20 feet minimum width = 360' (F)	TOTAL
LEAD DESIGN PROFESSIONAL: Joe T. Smith, Jr.	b. Total Building Perimeter =360'(P) c. Ratio (F/P) =1 (F/P) d. W = Minimum width of public way =30'(W)	PLUMBING FIXTURE REQUIREMENTS
DESIGNER FIRM NAME LICENSE # TELEPHONE # E-MAIL	e. Percent of frontage increase $I_f = 100 [F/P - 0.25] \times W/30 =75$ (%) 2 Unlimited area applicable under conditions of Section 507.	(TABLE 2902.1) USE WATER CLOSETS LAVATORIES UTILITY DRINKING FOUNTAINS URINALS WATER CLOSETS URINALS WATER CROSSINGER OF THE PROPERTY OF THE
Building Smith Engineering & Design Joe T. Smith, Jr. 24916 (919)—736—2141 smithengineeringnc@hotmail.com Civil	³ Maximum Building Area = total number of stories in the building x D (maximum 3 stories) (506.2).	MALE FEMALE UNISEX OKINALS MALE FEMALE UNISEX SINK REGULAR ACCESSIBLE EXISTING 1 1 0 0 1 1 0 0 0 0
Electrical Fire Alarm	 The maximum area of parking garages must comply with 406.5.4. The maximum area of air traffic control towers must comply with Table 412.3.1. Frontage increase is based on the unsprinklered area value in Table 506.2. 	NEW 0 2 0 0 0 1 0 0 1 1 REQUIRED 1 2 0 0 1 1 0 0 1 1
Plumbing	The state is called on the dispinital education in a state in a st	
Mechanical Sprinkler-Standpipe	ALLOWABLE HEIGHT	SPECIAL APPROVALS Special approval: (Local Jurisdiction, Department of Insurance, OSC, DPI, DHHS, ICC, etc., describe below)
Structural Retaining Walls > 5' High	ALLOWABLE SHOWN ON CODE REFERENCE	
Other	Building Height in Feet (Table 504.3) 40'-0" 16'-0"	
2018 NC BUILDING CODE: New Construction Shell/Core 1st Time Interior Completion Addition Phased Construction-Shell Core	Building Height in Stories (Table 504.4) 1 1 1. Provide code reference if the "Shown on Plans" quantity is not based on Table 504.3 or 504.4.	CERTIFICATION AND AND AND AND AND AND AND AND AND AN
2018 NC EXISTING CODE: Prescriptive Alteration Level I Historic Property		STRUCTURAL DESIGN DESIGN LOADS: The state of the state
(check all that apply) Repair Alteration Level II Change of Use Chapter 14 Alteration Level III	FIRE PROTECTION REQUIREMENTS FIRE RATING DESIGN # DESIG	Importance Factors: Snow (Is) Existing Building
CONSTRUCTED: (date) CURRENT USE(s) (Ch. 3) B RENOVATED: (date) PROPOSED USE(s) (Ch. 3) A-3 & B	BUILDING ELEMENT SEPARATION DISTANCE REQUIRED PROVIDED W/ N/A * REDUCTION SHEET # DESIGN # FOR RATED FOR RATED FOR RATED SHEET # ASSEMBLY PENETRATION JOINTS	Seismic (I _E) Live Loads: Roof
BUILDING DATA	Structural frame, including columns, girders, trusses O HOUR O HOUR	Mezzanine Floor
Construction Type:	Bearing walls Exterior	Ground Snow Load: Wind Loads: Basic Wind Speed
Sprinklers: NO Partial NFPA 13 NFPA 13R NFPA 13D	North N/A 0 HOUR N/A East N/A 0 HOUR N/A	Exposure Category
Standpipes: NO Class: I II III Wet Dry Primary Fire District: NO YES (Primary) Flood Hazard Area: No YES	West N/A 0 HOUR N/A South N/A 0 HOUR N/A Interior 0 HOUR 0 HOUR	SEISMIC CATEGORY A B C D
Special Inpections Required: NO YES	Nonbearing walls and partitions Exterior	Provide the following Seismic Design Parameters: Occupancy Category (Table 1604.5)
GROSS BUILDING AREA TABLE	North >30' 0 HOUR 0 HOUR East >30' 0 HOUR 0 HOUR	Spectral Response Acceleration S _s
FLOOR EXISTING (SQ. FT.) NEW (SQ. FT.) SUB-TOTAL 3th Floor	West >30' 0 HOUR 0 HOUR South >30' 0 HOUR 0 HOUR	Data source: Field Test Presumptive Historical Data Basic Structural System: (check one)
2nd Floor Mezzanine	Interior walls and partitions 0 HOUR 0 HOUR Floor Construction including supporting beams and joists 0 HOUR 0 HOUR	Bearing Wall Dual W/ Special Moment Frame Building Frame Dual W/ Intermediate R/C or Special Steel
1stFloor (Upper Level) 6,500 0 6,500	Roof Construction including supporting beams and joists O HOUR O HOUR	Moment Frame Inverted Pendulum
Basement (Lower Level) 0 6,500 TOTAL: 6,500 0 6,500	Roof Ceiling Assembly N/A N/A Columns Supporting Roof 0 HOUR 0 HOUR	Analysis Procedure: Simplified Equivalent Lateral Force Dynamic
ALLOWABLE AREA	Shafts Enclosures - Exit N/A N/A Shafts Enclosures - Other N/A N/A	Architectural, Mechanical, Components Anchored? Yes No LATERAL DESIGN CONTROL: Earthquake Wind
Primary Occupancy: Assembly A-1 A-2 A-3 A-4 A-5	Corridor Separation 0 HOUR 0 HOUR Occupancy/Fire Barrier Separation 0 HOUR 0 HOUR Party/Fire Wall Separation N/A N/A	SOIL BEARING CAPACITIES:
Business Educational	Smoke Barrier Separation N/A N/A Smoke Partition N/A N/A N/A	Field Test (provide copy of test report) Presumptive Bearing Capacity psf psf
Factory F-1 Moderate F-2 Low	Tenant/Dwelling Unit/ Sleeping Unit Separation N/A N/A	Pile Size, Type, and Capacity SPECIAL INSPECTIONS REQUIRED: Yes No
Hazardous H-1 Detonate H-2 Deflagrate H-3 Combust H-4 Health H-5 HMP Institutional I-1 I-2 I-3 I-4	Incidental Use Separation N/A N/A *Indicates section number permitting reduction.	
I-3 Condition	FIRE SEPARATION DISTANCE DEGREE OF OPENINGS ALLOWABLE AREA ACTUAL SHOWN ON PLANS	ENERGY SUMMARY ENERGY REQUIREMENTS:
I-1 Condition	(feet) FROM PROPERTY LINES PROTECTION (%) (%)	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
Residential R-1 R-2 R-3 R-4	>30' Unprotected, Nonsprinklered No Limit <50%	reference design vs annual energy cost for the proposed design.
Storage S-1 Moderate S-2 Low High-Piled Parking Garage Open Enclosed Repair Garage		Existing building envelope complies with code: (If checked, the remainder of this section is not applicable.) Exempt Building: Provide code or statutory reference:
Utility and Misc. Accessory Occupancy Classification(s):	LIFE SAFETY SYSTEM REQUIREMENTS	Climate Zone: 3 4 5 Method of Compliance:
Incidental Uses: (Table 509) This separation is not exempt as a Nonseparated Use (see exceptions).	Emergency Lighting: No Yes Exit Signs: No Yes	Energy Code: Performance Prescriptive Trade-Off ASHRAE 90.1: Performance Prescriptive Trade-Off
Special Uses: (Chapter 4 - List Code Sections): Special Provisions: (Chapter 5 - List Code Sections):	Fire Alarm: No Yes Smoke Detection Systems: No Yes	Other: Performance (specify source) THERMAL ENVELOPE:
	Carbon Monoxide Detection: No Yes	Roof/Ceiling Assembly (each assembly)
Mixed Occupancy: NO YES Secondary occupancy type(s): B Separation: O Hour Exception: 508.3 Non-Separated Use (508.3) The required type of construction for the building shall be determined by applying the height and area limitations for each of the applicable occupancies to the entire	LIFE SAFETY PLAN REQUIREMENTS Life Safety Plan Sheet #: LF-1	Description of Assembly U-value of Total Assembly
building. The most restrictive type of construction, so determined, shall apply to the entire building. Separated Use (508.4) See below for area calculations for each story, the area of the occupancy shall be such that the sum of the ratios of the actual floor area of	Fire and/or smoke rated wall locations (Chapter 7) Assumed and real property line locations	R-value of Insulation Skylights in each assembly
each use divided by the allowable floor area for each use shall not exceed 1.	Exterior wall opening area with respect to distance to assumed property lines (705.8)	U-Value of skylight Total square footage of skylights in each assembly
Actual Area of Occupancy A Allowable Area of Occupancy A Allowable Area of Occupancy B Allowable Area of Occupancy B Allowable Area of Occupancy B	Occupancy Use for each area as it relates to occupant load calculation (Table 1004.1.2) Occupant loads for each area	Exterior Walls (each assembly) Description of Assembly
$\frac{N/A}{N/A} N/A + \frac{N/A}{N/A} N/A = N/A \le 1.0$	Exit access travel distances (1017) Common path of travel distances [Tables 1006.2.1 & 1006.3.2(1)]	U-value of Total Assembly
	Dead end lengths (1020.4) Clear exit widths for each exit door	R-value of Insulation Openings (windows or doors with glazing)
	Maximum calculated occupant load capacity each exit door can accommodate based on egress width (1005.3) Actual occupant load for each exit door	U-Value of assembly
	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)	Projection factor: Door R-Values:
	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)	Walls below grade (each assembly) Description of Assembly
	Location of doors equipped with hold-open devices	U-value of Total Assembly
	Location of emergency escape windows (1030) The square footage of each fire area (202)	R-value of Insulation
	☐ 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	Description of Assembly
	ACCESSIBLE DWELLING UNITS	R-value of InsulationFloors slab on grade
	(SECTION 1107) TOTAL ACCESSIBLE ACCESSIBLE TYPE A TYPE B TYPE B TOTAL	Description of Assembly
	TOTAL UNITS ACCESSIBLE UNITS PROVIDED REQUIRED PROVIDED PROVIDED	U-value of Total Assembly R-value of Insulation
	N/A	Horizontal/vertical requirement

NOTICE TO CONTRACTOR
All construction must comply with current NC E
and is subject to field inspection and verificatio

Reviewed for Code

Compliance

See notes on life safety plan

Harnett
C O U N T Y
NORTH CAROLINA

SEAL 11 O24916 T-22-22

REV. DATE DESCRIPTION

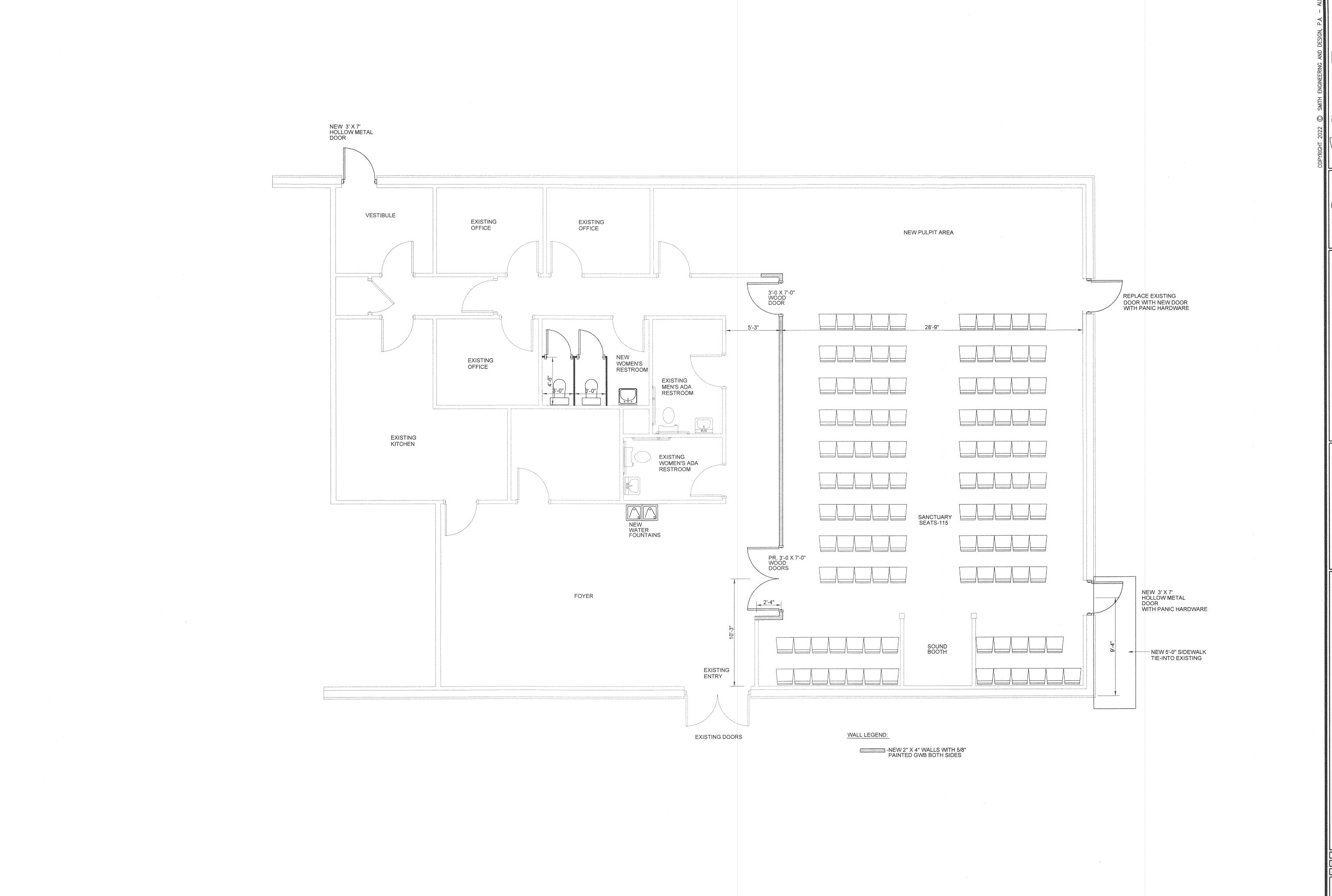
Afire Ministries
1503 Denim Road
Erwin, NC 28339

22 July 2022 /N BY: J.S.

DRAWN BY: J.S SCALE: N.T



Afre Ministries 1503 Denim Road Erwin, NC 28339



CAROLINA SEAL O24916
7-22-22

REVISIONS
REV. DATE DESCRIPTION

ST. C. M. D. Str. e

1503 Denim Road Erwin, NC

PATE: 22 July 2022

RAWN BY: J.S.

CALE: 1/4" = 1'-0"

