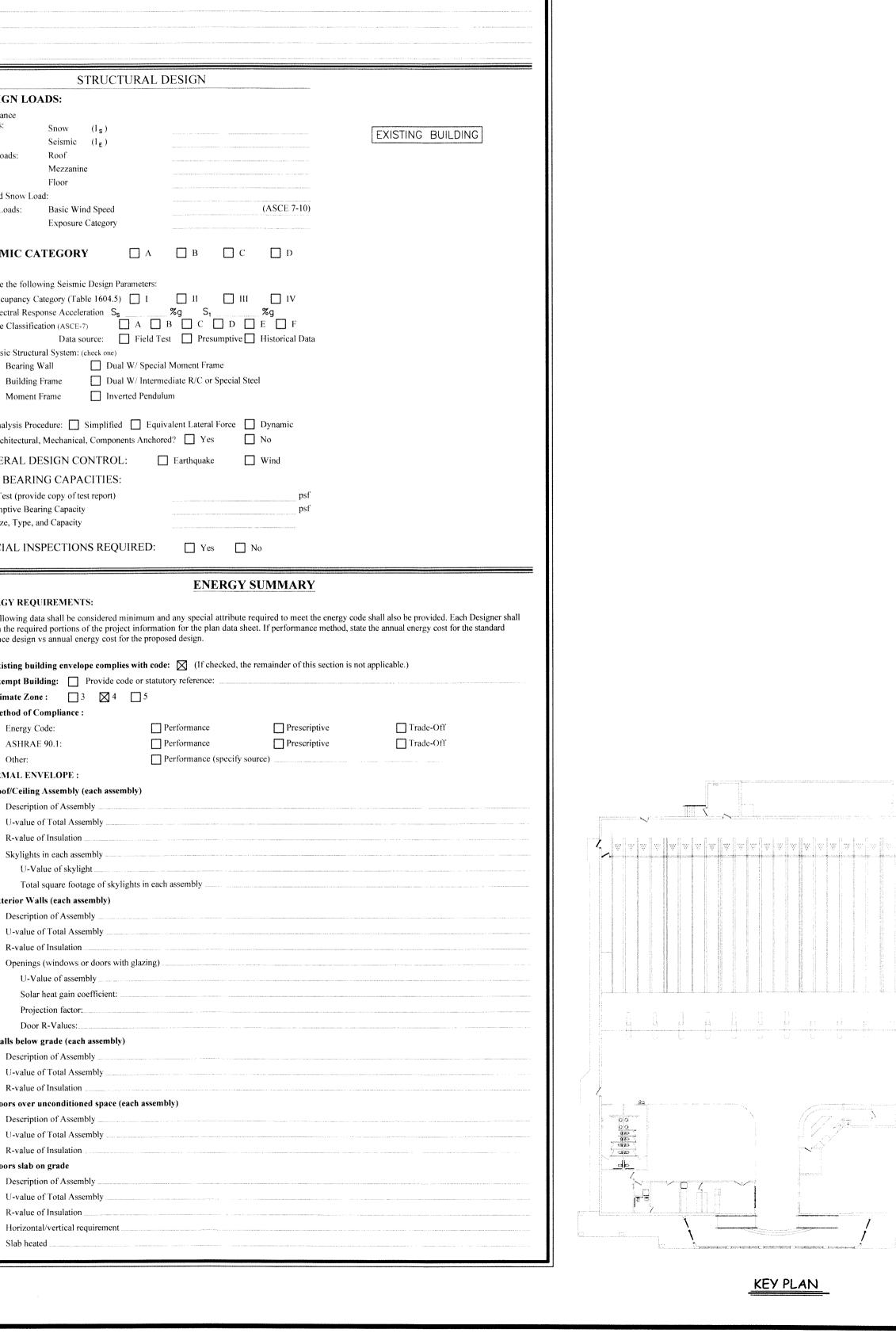
2018 APPENDIX	B BUILDING CODE SUN	1MARY
Name of Project: Buffaloe Lanes Arcade Upfit		ACCESSIBLE PARKING (SECTION 1106)
Address: 100 West Jackson Blvd Erwin, NC Zip Code: 28339	STORY DESCRIPTION DESCRIPTION AND USE (A) (B) (C) (D) AND USE (A) (B) (C) (D) AREA FOR ALLOWABLE FRONTAGE AREA PER STORY OR	TOTAL # PARKING SPACES # ACCESSIBLE SPACES PROVIDED
Proposed Use: Upfit former tenant space to arcade	(ACTUAL) INCREASE 1,5 UNLIMITED 2,3 1 A-3 36,272 38,000 Not Used 38,000	LOT OR PARKING AREA REQUIRED PROVIDED REGULAR WITH 5' ACCESS AISLE 132" ACCESS 8' ACCESS SPACES PROVIDED
Owner or Authorized Agent: Mike Linthicum Phone # (252)-903-2176 E-Mail: mike@gregorydevelopment.com		Existing AISLE AISLE
Owned By: City / County State		
Code Enforcement Jurisdiction: City County Harnett 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 = (F)	TOTAL
LEAD DESIGN PROFESSIONAL: Joe T. Smith, Jr.	b. Total Building Perimeter = (P) c. Ratio (F/P) = (F/P) d. W = Minimum width of public way = (W)	PLUMBING FIXTURE REQUIREMENTS
DESIGNER FIRM NAME LICENSE # TELEPHONE # E-MAIL	e. Percent of frontage increase $I_f = 100 [F/P - 0.25] \times W/30 =$ (%)	(TABLE 2902.1) WATER CLOSETS LUNDIALS LAVATORIES SHOWERS DRINKING FOUNTAINS
Building Smith Engineering & Design Joe T. Smith, Jr. 24916 (919)-736-2141 smithengineeringnc@hotmail.com	 Unlimited area applicable under conditions of Section 507. Maximum Building Area = total number of stories in the building x D (maximum 3 stories) (506.2). 	MALE FEMALE UNISEX URINALS MALE FEMALE UNISEX & TUBS REGULAR ACCESSIBLE
ivil	⁴ 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.	EXISTING 3 5 2 2 2 2 2 0 1 1 1 NEW 0 0 0 0 0 0 0 0 0
ire Alarm	⁵ Frontage increase is based on the unsprinklered area value in Table 506.2.	REQUIRED 3 5 0 0 2 2 0 0 1 1
lumbing		SPECIAL APPROVALS
prinkler-Standpipe TBD TBD TBD	ALLOWABLE HEIGHT	Special approval: (Local Jurisdiction, Department of Insurance, OSC, DPI, DHHS, ICC, etc., describe below)
ructuraltaining Walls >5' High	ALLOWABLE SHOWN ON CODE PLANS REFERENCE	
her	Building Height in Feet (Table 504.3) 55'-0" 22'-0"	
18 NC BUILDING CODE: New Construction Shell/Core 1st Time Interior Completion	Building Height in Stories (Table 504.4) 2 1	
Addition Phased Construction-Shell Core	1. Provide code reference if the "Shown on Plans" quantity is not based on Table 504.3 or 504.4.	STRUCTURAL DESIGN
18 NC EXISTING CODE: Prescriptive Alteration Level I Historic Property check all that apply) Atteration Level II Change of Use	FIRE PROTECTION REQUIREMENTS	DESIGN LOADS:
Check all that apply) Repair Alteration Level II Change of Use Change of Use	FIRE RATING DESIGN# DESIGN#	Importance Factors: Snow (I ₅)
NSTRUCTED: (date) CURRENT USE(s) (Ch. 3) B	BUILDING ELEMENT SEPARATION DISTANCE REQUIRED (W/ N/A * SHEET # ASSEMBLY PROFITE ATION SHEET # ASSEMBLY PROFITE ATION RATED RATED	Seismic (I _E)
NOVATED: (date) PROPOSED USE(s) (Ch. 3) A-3	(FEET) REDUCTION) SHEET ASSEMBLY FENERATION JOINTS	Live Loads: Roof Mezzanine
UILDING DATA	Structural frame, including columns, girders, trusses Bearing walls	Floor Ground Snow Load:
onstruction Type: I-A III-A IV V-A check all that apply) I-B III-B V-B	Exterior North N/A 0 HOUR 0 HOUR	Wind Loads: Basic Wind Speed (ASCE 7-10) Exposure Category
rinklers: NO Partial NFPA 13 NFPA 13R NFPA 13D	East N/A 0 HOUR 0 HOUR West N/A 0 HOUR 0 HOUR	
ndpipes: NO Class: I II III Wet Dry mary Fire District: NO YES (Primary) Flood Hazard Area: No YES	South	SEISMIC CATEGORY A B C D
ecial Inpections Required: NO YES	Nonbearing walls and partitions	Provide the following Seismic Design Parameters:
GROSS BUILDING AREA TABLE	Exterior North >30' 0 HOUR 0 HOUR	Occupancy Category (Table 1604.5)
LOOR EXISTING (SQ. FT.) NEW (SQ. FT.) SUB-TOTAL	East >30' 0 HOUR 0 HOUR West >30' 0 HOUR 0 HOUR	Site Classification (ASCE-7)
th Floor nd Floor	South >30' 0 HOUR 0 HOUR Interior walls and partitions 0 HOUR 0 HOUR	Basic Structural System: (check one)
Mezzanine East State Sta	Floor Construction on HOUR O HOUR	Bearing Wall Dual W/ Special Moment Frame Building Frame Dual W/ Intermediate R/C or Special Steel
stFloor (Upper Level) 36,272 0 36,272 Basement (Lower Level)	Roof Construction on including supporting beams and joists O HOUR O HOUR	Moment Frame Inverted Pendulum
TOTAL: 36,272 0 36,272	Roof Ceiling Assembly N/A N/A Columns Supporting Roof 0 HOUR 0 HOUR	Analysis Procedure: Simplified Equivalent Lateral Force Dynamic
ALLOWABLE AREA 2,849 SQ. FT. FIT-UP	Shafts Enclosures - Exit N/A N/A N/A N/A N/A	Architectural, Mechanical, Components Anchored? Yes No
rimary Occupancy:	Corridor Separation N/A N/A Occupancy/Fire Barrier Separation N/A N/A	LATERAL DESIGN CONTROL: Earthquake Wind
Assembly	Party/Fire Wall Separation N/A N/A	Field Test (provide copy of test report) psf
Business Educational	Smoke Barrier Separation N/A N/A Smoke Partition N/A N/A	Presumptive Bearing Capacity psf Pile Size, Type, and Capacity
Factory F-1 Moderate F-2 Low	Tenant/Dwelling Unit/ Sleeping Unit Separation N/A N/A	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 1 2	PERCENTAGE OF WALL OPENING CALCULATIONS	ENERGY SUMMARY
1-2 Condition	FIRE SEPARATION DISTANCE (feet) FROM PROPERTY LINES DEGREE OF OPENINGS PROTECTION (TABLE 705.8) ALLOWABLE AREA (%) (%) (%)	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
Mercantile	>30' Unprotected, Sprinklered No Limit <25%	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 annual energy cost for the proposed design.
Residential R-1 R-2 R-3 R-4 Storage S-1 Moderate S-2 Low High-Piled		Existing building envelope complies with code: (If checked, the remainder of this section is not applicable.)
Parking Garage Open Enclosed Repair Garage		Exempt Building: Provide code or statutory reference:
	A ADD CA DOWN ON OTHER DECAMBLE AND COMPANY OF COMPANY	Climate Zone: 3 \(\square 4 \square 5 \)
Utility and Misc. cessory Occupancy Classification(s): B & S-1	LIFE SAFETY SYSTEM REQUIREMENTS	Method of Compliance:
cessory Occupancy Classification(s): B & S-1	Emergency Lighting: No Yes	Method of Compliance : Energy Code: Performance Prescriptive Trade-Off
cessory Occupancy Classification(s): B & S-1 cidental Uses: (Table 509) This separation is not exempt as a Nonseparated Use (see exceptions).	Emergency Lighting: No Yes Exit Signs: No Yes Fire Alarm: No Yes	Method of Compliance :
cessory Occupancy Classification(s): B & S-1 cidental Uses: (Table 509) This separation is not exempt as a Nonseparated Use (see exceptions). ecial Uses: (Chapter 4 - List Code Sections):	Emergency Lighting: No Yes Exit Signs: No Yes	Method of Compliance : Energy Code:
cessory Occupancy Classification(s): B & S-1 cidental Uses: (Table 509) This separation is not exempt as a Nonseparated Use (see exceptions). cecial Uses: (Chapter 4 - List Code Sections): cecial Provisions: (Chapter 5 - List Code Sections):	Emergency Lighting: No X Yes Exit Signs: No X Yes Fire Alarm: No X Yes Smoke Detection Systems: No Yes Carbon Monoxide Detection: No Yes	Method of Compliance : Energy Code: Performance Prescriptive Trade-Off ASHRAE 90.1: Performance Prescriptive Trade-Off Other: Performance (specify source)
cessory Occupancy Classification(s): B & S-1 cidental Uses: (Table 509) This separation is not exempt as a Nonseparated Use (see exceptions). cecial Uses: (Chapter 4 - List Code Sections): cecial Provisions: (Chapter 5 - List Code Sections): xed Occupancy: No YES Secondary occupancy type(s): Separation: Hour Exception: Non-Separated Use (508.3)	Emergency Lighting: □ No	Method of Compliance: Energy Code:
cessory Occupancy Classification(s): B & S-1 cidental Uses: (Table 509) This separation is not exempt as a Nonseparated Use (see exceptions). cetial Uses: (Chapter 4 - List Code Sections): cetial Provisions: (Chapter 5 - List Code Sections): xed Occupancy: NO YES Secondary occupancy type(s): Separation: Hour Exception: 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 building. The most restrictive type of construction, so determined, shall apply to the entire building.	Emergency Lighting: No Yes Exit Signs: No Yes Fire Alarm: No Yes Smoke Detection Systems: No Yes Carbon Monoxide Detection: No Yes LIFE SAFETY PLAN REQUIREMENTS Life Safety Plan Sheet #: LF-1 Fire and/or smoke rated wall locations (Chapter 7)	Method of Compliance: Energy Code:
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Compared Classification(s): B & S-1	Emergency Lighting:	Method of Compliance : Energy Code:
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Actual Area of Occupancy A Actual Area of Occupancy B Allowable Area of Occupancy B Al	Emergency Lighting:	Method of Compliance: Energy Code:
Actual Area of Occupancy A Allowable Area of Occupancy A Allowable Area of Occupancy B Allowable Area of Occupancy A Allowable Area of Occupancy B	Emergency Lighting:	Method of Compliance: Energy Code:



FIT-UP

DATE: 26 January 2023
DRAWN BY: J.S.