

**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 Project: Harnett Regional Jetport New Terminal Building
Address: 615 Airport Rd. Erwin, NC 28339
Owner/Authorized Agent: Harnett Regional Jetport
Owned By: County
Code Enforcement Jurisdiction: County

CONTACT: Travis Pence, The Wilson Group

Designer	Firm	Name	Lic #	Phone	Email
Civil	Talbert & Bright	Lisa Caddell	36858	(910) 763-5350	lcaddell@tbright.com
Structural	Stewart	Cory High	046610	(704) 909-3519	chigh@stewartinc.com
Architectural	The Wilson Group	Travis Pence	9272	(704) 331-9747	travis@twargroup.com
Plumbing	Saber Engineering	Wayne King	26005	(704) 373-0068	wking@saberengineering.com
Mechanical	Saber Engineering	Wayne King	26005	(704) 373-0068	wking@saberengineering.com
Electrical	Saber Engineering	Rick Morrison	25969	(704) 373-0068	rmorr@saberengineering.com
Site Electrical	Cheatham & Associates	Mark Ciarracca	17593	(910)452-4210	mcarracca@cheatham.com
Telecomm	Vertex	Rick Sousa		(704)622-6264	Rick.sousa@vtx.com

(*Other* should include firms and individuals such as, truss, precast, pre-engineered, interior designers, etc.)

2018 NC BUILDING CODE: New Building
OCCUPANCY CATEGORY (Table 1604.5): Proposed-II

BASIC BUILDING DATA

Construction Type: V-B
Sprinklers: No
Standpipes: No
Primary Fire District: No
Special Inspections Required: No
Flood Hazard Area: No

Gross Building Area Table

FLOOR	NEW (SQ FT)
2 nd Floor	1,948
1 st Floor	5,087
TOTAL	7,035

ALLOWABLE AREA

Primary Occupancy Classification(s): Business Schools
Accessory Occupancy Classification(s): N/A
Incidental Uses (Table 509): N/A
Special Uses (Chapter 4 – List Code Sections): N/A
Special Provisions (Chapter 5 – List Code Sections): N/A
Mixed Occupancy: No Separation: LLR Exception: _____

STORY NO.	DESCRIPTION AND USE	(A) BLDG AREA PER STORY (ACTUAL)	(B) TABLE 506.2 ¹ AREA	(C) AREA FOR FRONTAGE INCREASE ^{1,2}	(D) ALLOWABLE AREA PER STORY OR UNLIMITED ^{2,3}
2	Type VB - B	1,948	9,000	Not Calc.	9,000
1	Type VB - B	5,087	9,000	Not Calc.	9,000

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)
b. Total Building Perimeter = _____ (P)
c. Ratio (F/P) = _____ (F/P)
d. W = Minimum width of public way = _____ (W)
² Unlimited area applicable under conditions of Section 507.
³ Maximum Building Area = total number of stories in the building x D (maximum 3 stories) (506.2).
⁴ The maximum area of open parking garages must comply with Table 406.5.4. The maximum area of air traffic control towers must comply with Table 412.3.1.
⁵ Frontage increase is based on the unspinklered area value in Table 506.2.

ALLOWABLE HEIGHT

	ALLOWABLE	SHOWN ON PLANS	CODE REFERENCE
Building Height in Feet (Table 504.3)	40'-0"	35'-3"	
Building Height in Stories (Table 504.4)	2	2	

¹ Provide code reference if the "Shown on Plans" quantity is not based on Table 504.3 or 504.4.

FIRE PROTECTION REQUIREMENTS

BUILDING ELEMENT	FIRE SEPARATION DISTANCE (FEET)	RATING (HR)	PROVIDED (HR)	DETAIL # AND SHEET #	DESIGN # FOR RATED ASSEMBLY	SHEET # FOR RATED PENETRATION	SHEET # FOR RATED JOINTS
Structural Frame, including columns, girders, beams	>30'	0 HR	0 HR	N/A	N/A	N/A	N/A
Exterior Walls							
Exterior	>30'	0 HR	0 HR	N/A	N/A	N/A	N/A
North	>30'	0 HR	0 HR	N/A	N/A	N/A	N/A
West	>30'	0 HR	0 HR	N/A	N/A	N/A	N/A
South	>30'	0 HR	0 HR	N/A	N/A	N/A	N/A
Interior							
Nonbearing Walls and Partitions							
Exterior walls							
North	>30'	0 HR	0 HR	N/A	N/A	N/A	N/A
West	>30'	0 HR	0 HR	N/A	N/A	N/A	N/A
South	>30'	0 HR	0 HR	N/A	N/A	N/A	N/A
Interior walls and partitions	>30'	0 HR	0 HR	N/A	N/A	N/A	N/A
Floor Construction including supporting beams and joists		0 HR	0 HR	N/A	N/A	N/A	N/A
Floor Ceiling Assembly		0 HR	0 HR	N/A	N/A	N/A	N/A
Columns Supporting Floors		0 HR	0 HR	N/A	N/A	N/A	N/A
Roof Construction, including supporting beams and joists		0 HR	0 HR	N/A	N/A	N/A	N/A
Roof Ceiling Assembly		0 HR	0 HR	N/A	N/A	N/A	N/A
Columns Supporting Roof		0 HR	0 HR	N/A	N/A	N/A	N/A
Shall Enclosures - Exit		N/A	0 HR	N/A	N/A	N/A	N/A
Shall Enclosures - Other		1 HR	1 HR	See G-003	See G-003	See G-003	See G-003
Corridor Separation		N/A	0 HR	N/A	N/A	N/A	N/A
Occupancy/Fire Barrier Separation		0 HR	0 HR	N/A	N/A	N/A	N/A
Party/Fire Wall Separation		N/A	0 HR	N/A	N/A	N/A	N/A
Smoke Barrier Separation		N/A	0 HR	N/A	N/A	N/A	N/A
Smoke Partition		N/A	0 HR	N/A	N/A	N/A	N/A
Tenant Dwelling Unit Separation		0 HR	0 HR	N/A	N/A	N/A	N/A
Staircase Unit Separation		0 HR	0 HR	N/A	N/A	N/A	N/A
Escalator Unit Separation		N/A	0 HR	N/A	N/A	N/A	N/A

* 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 (%)
> 30'	Unlimited	Unlimited	Unlimited

LIFE SAFETY SYSTEM REQUIREMENTS

Emergency Lighting: Yes
Exit Signs: Yes
Fire Alarms: No
Smoke Detection Systems: Yes
Carbon Monoxide Detection: Yes

LIFE SAFETY PLAN REQUIREMENTS

Life Safety Plan Sheet #: LS-101, LS-102

- Fire and/or smoke rated wall locations (Chapter 7)
- Assumed and real property line locations (if not on the site plan) – N/A
- Exterior wall opening area with respect to distance to assumed property lines (705.8) – N/A
- 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) – N/A
- Clear exit widths for each exit door
- Maximum calculated occupant load capacity each 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 – N/A
- 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) – N/A
- Location of doors with electromagnetic egress locks (1010.1.9.9)
- Location of doors equipped with hold-open devices – N/A
- Location of emergency escape windows (1030) – N/A
- The square footage of each fire area (202)
- The square footage of each smoke compartment for Occupancy Classification 1-2 (407.5) – N/A
- Note any code exceptions or table notes that may have been utilized regarding the items above – N/A

ACCESSIBLE DWELLING UNITS – N/A

ACCESSIBLE PARKING
(SECTION 1106)

LOT OR PARKING AREA	TOTAL # OF PARKING SPACES		# OF ACCESSIBLE SPACES PROVIDED				TOTAL # ACCESSIBLE PROVIDED
	REQUIRED	PROVIDED	REGULAR WITH 8' ACCESS ASLE	VAN SPACES WITH 8' ACCESS ASLE	8' ACCESS ASLE	12' ACCESS ASLE	
Lot	58	2	0	1	1	3	3

PLUMBING FIXTURE REQUIREMENTS
(TABLE 2902.1)

USE	WATER CLOSETS			URINALS			LAVATORIES			SHPWRS /FIBR	DRINKING FOUNTAINS	
	MALE	FEMALE	UNSEX	MALE	FEMALE	UNSEX	MALE	FEMALE	REGULAR		ACCESSIBLE	
BLDG.												
REQ	3	0	0	3	0	0	0	0	1	1		
PROV	3	3	1	4	3	1	1	1	1	1		

SPECIAL APPROVALS - N/A

ENERGY SUMMARY – COMCHECK
SEE G-003 FOR COMCHECK CERTIFICATE

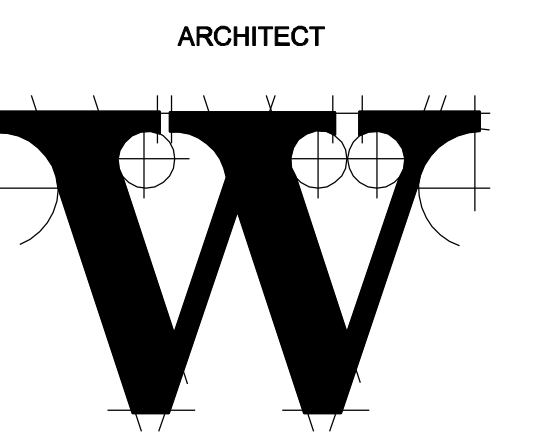
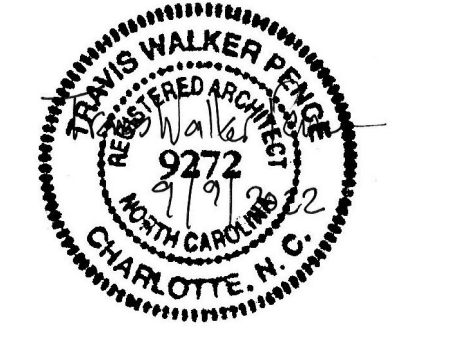
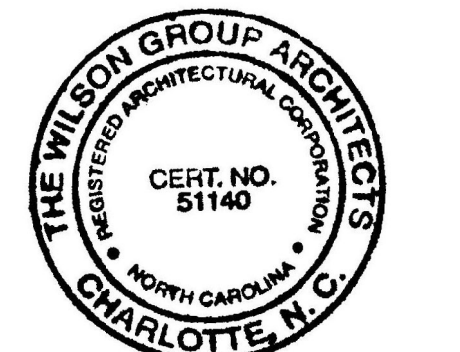
STRUCTURAL DESIGN – PROVIDED ON STRUCTURAL SHEETS

MECHANICAL DESIGN – PROVIDED ON MECHANICAL SHEETS

ELECTRICAL DESIGN – PROVIDED ON ELECTRICAL SHEETS

**NEW
TERMINAL
BUILDING**

WBS NO. 36237.25.15.1



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REVISIONS

△ REV 01 - NOVEMBER 4, 2022

DATE SEPTEMBER 9, 2022

PROJECT NUMBER 9189-000

SHEET TITLE

APPENDIX B

SHEET NUMBER

G-002