

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: Paul D Williams Hauling
Address: 2981 Bud Hawkins Road, Dunn, NC Zip Code 28334
Owner/Authorized Agent: David Bailey Phone # (919) 631 - 1366 E-Mail davidbailey1@earthlink.net
Owned By: ☐ City/County ☒ Private ☐ State
Code Enforcement Jurisdiction: ☐ City ☒ County Harnett ☐ State

CONTACT:				
DESIGNER	FIRM	NAME	LICENSE #	TELEPHONE # E-MAIL
Architectural				
Civil				
Electrical				
Fire Alarm				
Plumbing				
Mechanical				
Sprinkler-Standpipe				
Structural - building	Inland Buildings	F. Radfar	010295	
Structural - foundation	Summit Design Group, Inc.	R. Armstrong	025488	(919) 876-0376 rpa@icloud.com
Retaining Walls >5' High				
Gen Construction				

2018 NC BUILDING CODE: ☒ New Building ☐ Addition ☐ Renovation
☐ 1st Time Interior Completion
☐ Shell/Core - Contact the local inspection jurisdiction for possible additional procedures and requirements
☐ Phased Construction - Shell/Core - Contact the local inspection jurisdiction for possible additional procedures and requirements

2018 NC EXISTING BUILDING CODE: EXISTING: ☐ Prescriptive ☐ Repair ☐ Chapter 14
Alteration: ☐ Level I ☐ Level II ☐ Level III
☐ Historic Property ☐ Change of Use

CONSTRUCTED: (date) CURRENT OCCUPANCY(S) (Ch. 3):
RENOVATED: (date) PROPOSED OCCUPANCY(S) (Ch. 3):
RISK CATEGORY (Table 1604.5): Current: ☐ I ☐ II ☐ III ☐ IV
Proposed: ☐ I ☒ II ☐ III ☐ IV

BASIC BUILDING DATA
Construction Type: ☐ I-A ☐ II-A ☐ III-A ☐ IV ☐ V-A
(check all that apply) ☐ I-B ☐ II-B ☐ III-B ☒ V-B
Sprinklers: ☒ No ☐ Partial ☐ Yes ☐ NFPA 13 ☐ NFPA 13R ☐ NFPA 13D
Standpipes: ☒ No ☐ Yes Class ☐ I ☐ II ☐ III ☐ Wet ☐ Dry
Fire District: ☒ No ☐ Yes Flood Hazard Area: ☒ No ☐ Yes
Special Inspections Required: ☒ No ☐ Yes (Contact the local inspection jurisdiction for additional procedures and requirements.)

Gross Building Area Table			
FLOOR	EXISTING (SQ FT)	NEW (SQ FT)	SUB-TOTAL
3rd Floor			
2nd Floor			
Mezzanine			
1st Floor		1,800	1,800
Basement			
TOTAL			1,800

ALLOWABLE AREA

Primary Occupancy Classification(s):
Assembly ☐ A-1 ☐ A-2 ☐ A-3 ☐ A-4 ☐ A-5
Business ☐
Educational ☐
Factory ☐ F-1 Moderate ☐ F-2 Low
Hazardous ☐ H-1 Detonate ☐ H-2 Deflagrate ☐ H-3 Combust ☐ H-4 Health ☐ H-5 HPM
Institutional ☐ I-1 Condition ☐ 1 ☐ 2
☐ I-2 Condition ☐ 1 ☐ 2
☐ I-3 Condition ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
☐ I-4
Mercantile ☐
Residential ☐ R-1 ☐ R-2 ☐ R-3 ☐ R-4
Storage ☒ S-1 Moderate ☐ S-2 Low ☐ High-piled
☐ Parking Garage ☐ Open ☒ Enclosed ☐ Repair Garage
Utility and Miscellaneous ☐

Accessory Occupancy Classification(s):
Incidental Uses (Table 509):

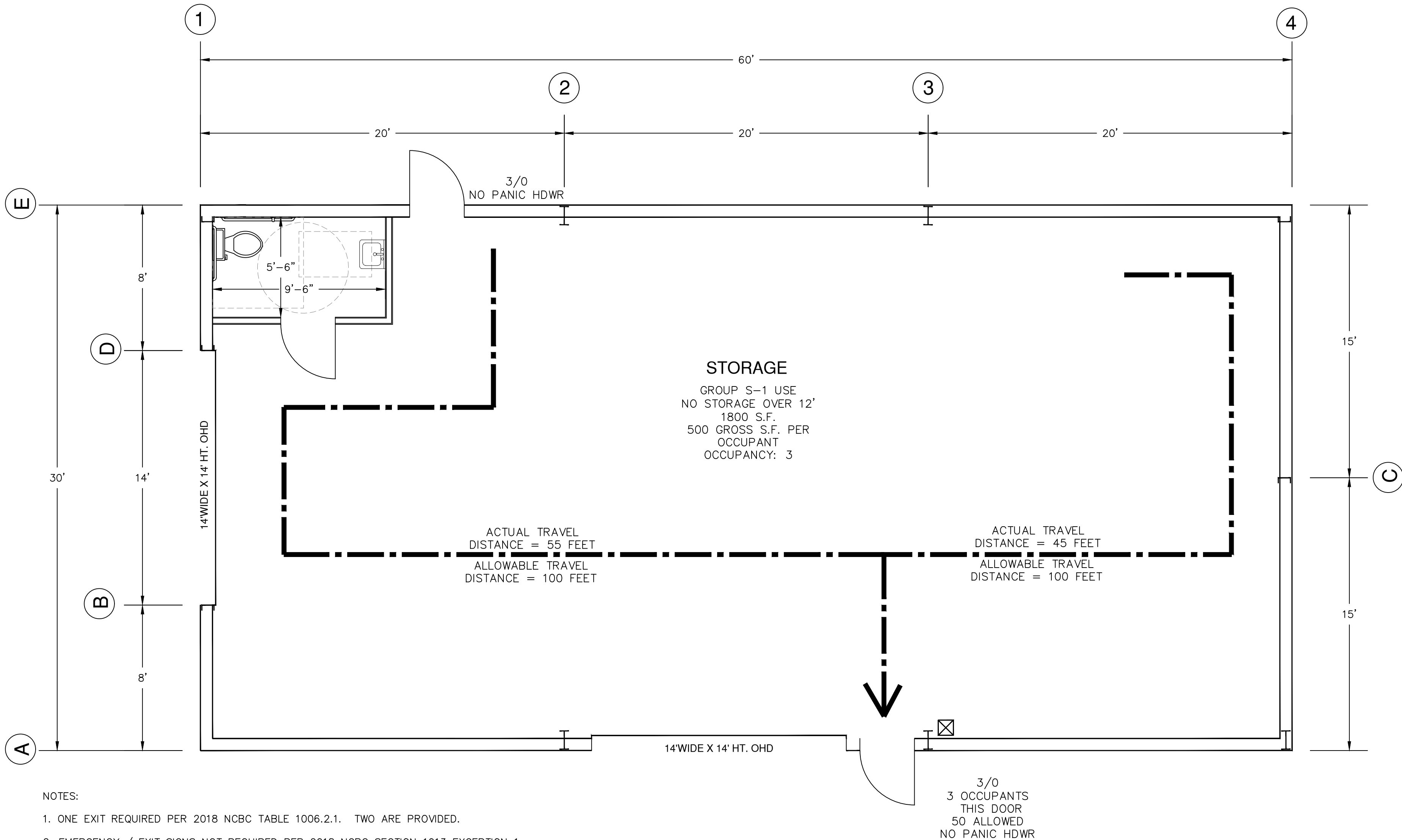
Special Uses (Chapter 4 – List Code Sections):

Special Provisions: (Chapter 5 – List Code Sections):

Mixed Occupancy: ☒ No ☐ Yes Separation: Hr. 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.

☐ 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 each use divided by the allowable floor area for each use shall not exceed 1.



- NOTES:
- ONE EXIT REQUIRED PER 2018 NCBC TABLE 1006.2.1. TWO ARE PROVIDED.
 - EMERGENCY / EXIT SIGNS NOT REQUIRED PER 2018 NCBC SECTION 1013 EXCEPTION 1

☒ TYPICAL TYPE 2-A PORTABLE FIRE EXTINGUISHER LOCATION.
1 TOTAL. 75' MAXIMUM TRAVEL DISTANCE TO EXTINGUISHER

LIFE SAFETY PLAN

(SCALE: 1/4" = 1'-0")

STORY NO.	DESCRIPTION AND USE	(A) BLDG AREA PER STORY (ACTUAL)	(B) TABLE 506.2.4 AREA	(C) AREA FOR FRONTAGE INCREASE1.5	(D) ALLOWABLE AREA PER STORY OR UNLIMITED2.3
1	S-1	1,800	9,000	0	9,000

- 1 Frontage area increases from Section 506.3 are computed thus:
a. Perimeter which fronts a public way or open space having 20 feet minimum width = (P)
b. Total Building Perimeter = (P)
c. Ratio (F/P) = (F/P)
d. W = Minimum width of public way = (W)
e. Percent of frontage increase If = $100[F/P - 0.25] \times W/30 =$ (%)
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.
5 Frontage increase is based on the unsprinklered area value in Table 506.2.

ALLOWABLE HEIGHT			
	ALLOWABLE	SHOWN ON PLANS	CODE REFERENCE 1
Building Height in Feet (Table 504.3) 2	40	17'-0"	
Building Height in Stories (Table 504.4) 3	1	1	

- 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.

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 (%)
NORTH >30'	UP, NS	NO LIMIT	
SOUTH >30'	UP, NS	NO LIMIT	
WEST >30'	UP, NS	NO LIMIT	
EAST >30'	UP, NS	NO LIMIT	

LIFE SAFETY SYSTEM REQUIREMENTS

Emergency Lighting: ☒ No ☐ Yes
Exit Signs: ☒ No ☐ Yes
Fire Alarm: ☒ No ☐ Yes
Smoke Detection Systems: ☒ No ☐ Yes ☐ Partial
Carbon Monoxide Detection: ☒ No ☐ Yes

USE		WATERCLOSETS			URINALS			LAVATORIES			SHOWERS /TUBS	DRINKING FOUNTAINS	
		MALE	FEMALE	UNISEX	MALE	FEMALE	UNISEX	MALE	FEMALE	UNISEX			
SPACE	EXIST'G												
	NEW			1						1			
	REQ'D			0						0			

ALLOWABLE HEIGHT

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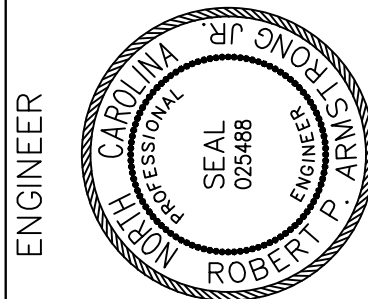
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FIRE PROTECTION REQUIREMENTS

BUILDING ELEMENT	FIRE SEPARATION DISTANCE (FEET)	REQ'D	RATING	PROVIDED (W/ REDUCTION)	DETAIL # AND SHEET #	DESIGN # FOR RATED ASSEMBLY	SHEET # FOR RATED PENETRATION	SHEET # FOR RATED JOINTS
Structural Frame, including columns, girders, trusses	>10	0						
Bearing Walls	N/A							
Exterior								
North								
East								
West								
South								
Interior								
Nonbearing Walls and Partitions	>10	0						
Exterior walls								
North								
East								
West								
South								
Interior walls and partitions		0						
Floor Construction Including supporting beams and joists	N/A							
Floor Ceiling Assembly								
Columns Supporting Floors								
Roof Construction, including supporting beams and joists		0						
Roof Ceiling Assembly		0						
Columns Supporting Roof		0						
Shaft Enclosures - Exit	N/A							
Shaft Enclosures - Other								
Corridor Separation	N/A							
Occupancy/Fire Barrier Separation	N/A							
Party/Fire Wall Separation	N/A							
Smoke Barrier Separation	N/A							
Smoke Partition	N/A							
Tenant/Dwelling Unit/ Sleeping Unit Separation	N/A							
Incidental Use Separation	N/A							

* Indicate section number permitting reduction

SUMMIT DESIGN GROUP, INC.
STRUCTURAL • CIVIL • MECHANICAL • ELECTRICAL
1720 PEARLIE COURT SW
OCEAN ISLE BEACH, NC 28469
910-876-0376
FIRM LICENSE: C-2585



DRAWING DATA	
DATE: 7/3/25	SCALE: 1/4" = 1'-0"
DRAWN BY: RPA	DESIGNED BY: RPA
CHECKED BY: N/A	PLOT SCALE: N/A
CAD FILE NO: LS-1	

PAUL D WILLIAMS HAULING

2981 BUD HAWKINS ROAD, DUNN, NC

LIFE SAFETY PLAN & APPENDIX B

NO.	REVISION

LS-1