

2012 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: **New store for O'Reilly's Auto Parts**
 Address: **NC State Hwy 211, Seven Lakes** Zip Code: **28732**
 Proposed Use: **Merchandise**
 Owner/Authorized Agent: **O'Reilly's Auto Parts, Phone # 1 417 862 2674** E-Mail:
 Contact: **City** **County** **State**
 Code Enforcement Jurisdiction: City County State

LEAD DESIGN PROFESSIONAL: **Craig A. Schneider**

DISCIPLINE	PROF. NO.	NAME	LICENSE #	TELEPHONE #	E-MAIL
Architectural	001	Craig A. Schneider	47-88199	417-862-2674	
Civil	001	Gregory S. Goff	47-88199	417-862-2674	
Electrical	001	Gregory S. Goff	47-88199	417-862-2674	
Fire Alarm	001	Gregory S. Goff	47-88199	417-862-2674	
Structural	001	Gregory S. Goff	47-88199	417-862-2674	
Other	001	Gregory S. Goff	47-88199	417-862-2674	

2012 EDITION OF NC CODE FOR: New Construction Alter Update
 EXISTING: Reconstruction Repair Restoration
 CONSTRUCTED: ORIGINAL USE(S) (Ch. 3)
 RENOVATED: CURRENT USE(S) (Ch. 3)
 PROPOSED USE(S) (Ch. 3)

BASIC BUILDING DATA

Construction Type: I-A I-B II-A II-B III-A III-B IV V-A V-B
 (check all that apply)

Specialties: No Partial Yes NFPA 13 NFPA 13 R NFPA 13 D
 Fire Alarm: No Yes Class I II III IV Day Night
 Fire Detection: No Yes (Fire) Flood Hazard Area: No Yes

Building Height: **19'0"**
 Gross Building Area:

FLOOR	EXISTING (SQ FT)	NEW (SQ FT)	SUB-TOTAL
1 Floor			
2 Floor			
3 Floor			
4 Floor			
5 Floor			
6 Floor			
7 Floor			
8 Floor			
9 Floor			
10 Floor			
11 Floor			
12 Floor			
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99 Floor			
100 Floor			

Permitted Use: **7,453 SQ FT**
 Maximum: **7,453 SQ FT**

ALLOWABLE AREA

Occupancy:
 Assembly: A-1 A-2 A-3 A-4 A-5
 Educational: E-1 Moderate E-2 Low
 Hazardous: H-1 Detonate H-2 Deflagrate H-3 Combust H-4 Health H-5 HFH
 Institutional: I-1 I-2 I-3 I-4
 I-3 Condition: 1 2 3 4 5
 Mercantile: M-1 M-2 M-3 M-4
 Residential: R-1 R-2 R-3 R-4
 Storage: S-1 Moderate S-2 Low High-piled
 Utility and Miscellaneous: Parking Garage Open Enclosed Repair Garage

Accessory Occupancy:
 Assembly: A-1 A-2 A-3 A-4 A-5
 Educational: E-1 Moderate E-2 Low
 Hazardous: H-1 Detonate H-2 Deflagrate H-3 Combust H-4 Health H-5 HFH
 Institutional: I-1 I-2 I-3 I-4
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 Mercantile: M-1 M-2 M-3 M-4
 Residential: R-1 R-2 R-3 R-4
 Storage: S-1 Moderate S-2 Low High-piled
 Utility and Miscellaneous: Parking Garage Open Enclosed Repair Garage

Incidental Use (Table 508.2.5):
 Flammable rooms where area of equipment is over 400,000 Btu per hour input
 Rooms with boilers where the largest piece of equipment is over 15 gal and 10 horsepower
 Refrigerant machine room
 Hydrogen cutoff rooms, not classified as Group H
 Interceptor rooms
 Diesel storage, not classified as Group H, located in occupancy other than Group F
 Laboratories and constant clean, not classified as Group H, located in a Group E or I-2 occupancy
 Laundry rooms over 100 square feet
 Group I-3 cells equipped with padded surfaces
 Group I-2 waste and linen collection rooms
 Waste and linen collection rooms over 100 square feet
 Stationary storage battery systems having a liquid electrolyte capacity of more than 30 gallons, or a battery unit capacity of 1,000 pounds used for facility standby power, emergency power or uninterruptible power supply
 Rooms containing fire pumps
 Group I-2 storage rooms over 100 square feet
 Group I-2 commercial kitchens
 Group I-2 handovers equal to or less than 100 square feet
 Group I-2 rooms or spaces that contain fuel-fired equipment

Special Uses (Table 508.3):
 402 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427
 500.2 500.3 500.4 500.5 500.6 500.7 500.8 500.9

Mixed Occupancy: No Yes Separation: No Exception: No Yes

Incidental Use Separation (508.2.5):
 This separation is not exempt as a Non-Separated Use exception.

Non-Separated Use (508.3):
 The proposed type of construction for the building shall be determined by applying the height and area limitations for each of the applicable occupancies in the entire building. The most restrictive type of construction, as 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.

Actual Area of Occupancy A
 Allowable Area of Occupancy A

Actual Area of Occupancy B
 Allowable Area of Occupancy B

Ratio: $\frac{Actual Area of Occupancy A}{Allowable Area of Occupancy A} + \frac{Actual Area of Occupancy B}{Allowable Area of Occupancy B} \leq 1$

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