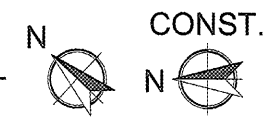


**1 CODE SUMMARY PLAN**  
**G1.1** SCALE: 1/8" = 1'-0"



Order Plans

PROJECT DATA	
REAL ESTATE PROPERTY GROSS AREA:	53,070 GSF
SITE PARKING GROSS AREA:	16,789 GSF
BUILDING GROSS AREA:	7,453 GSF
BUILDING INTERIOR AREA:	7,225 SF

**HAZARDOUS MATERIALS INVENTORY STATEMENT (HMIS)**

- (A) UPON REQUEST OWNER TO PROVIDE UNDER SEPARATE COVER, PROJECT HAZARDOUS MATERIALS INVENTORY STATEMENT (HMIS) FOR COMMODITY TYPES, HAZARD CLASS, AND QUANTITIES.
- (B) OWNER RESPONSIBLE FOR MONITORING INVENTORY COMMODITY TYPES AND QUANTITIES TO NOT EXCEED CODE REQUIREMENTS.

OCCUPANCY LOAD SUMMARY		
ROOM OR AREA (REFER TO FLOOR PLAN)	AREA PER OCCUPANT (S.F.)	OCCUPANTS (QTY.)
100 - PARTS AREA "A" (SALES AREA)	30	112
101 - PARTS AREA "B"	300	8
102 - OFFICE	100	1
103 - RESTROOM	N/A	0
104 - RESTROOM	N/A	0
105 - PARTS AREA "C"	300	5
<b>TOTAL OCCUPANCY</b>		<b>126</b>

**BUILDING CODE**

BUILDING OFFICIAL CONTACT NUMBER: (910) 947-5010  
 COUNTY: MOORE  
 ZIP CODE: 27376  
 GOVERNING CODES AND ORDINANCES  
 BUILDING CODE: 2012 NCBC  
 PLUMBING CODE: 2012 NCPD  
 MECHANICAL CODE: 2012 NCME  
 ELECTRICAL CODE: 2014 NEC  
 FIRE CODE: 2012 NCFD  
 ENERGY CODE: 2012 IECC

USE GROUP & CONSTRUCTION TYPE  
 PRIMARY USE GROUP: M (MERCANTILE)  
 CONSTRUCTION TYPE: II-B  
 (NON-COMBUSTIBLE / UNPROTECTED)

AREA MODIFICATIONS  
 FRONTAGE INCREASE: NOT APPLIED  
 AUTOMATIC SPRINKLER INCREASE: NOT PROVIDED

ALLOWABLE HEIGHT & BUILDING AREA  
 NO. OF STORIES: 2 STORIES  
 AREA: 12,500 SQ. FT.

ACTUAL HEIGHT & BUILDING AREA  
 NO. OF STORIES: 2 STORIES  
 BUILDING HEIGHT: 4'  
 GROSS BUILDING AREA: 7,225 SQ. FT.

FIRE PROTECTION SYSTEMS  
 AUTOMATIC SPRINKLER SYSTEM: NOT REQUIRED  
 PORTABLE FIRE EXTINGUISHERS: REQUIRED  
 FIRE ALARM SYSTEM: NOT REQUIRED  
 MONITORING (REFER TO SCOPE OF WORK SHEET): NOT REQUIRED  
 AUTOMATIC FIRE DETECTION SYSTEM: NOT REQUIRED

STRUCTURAL DESIGN (RISK CATEGORY II)  
 (REFER TO STRUCTURAL DRAWINGS)  
 LIVE LOADS: 20 PSF  
 ROOF: REDUCIBLE

2. ROOF COLLATERAL LOADS  
 A. ARCHITECTURAL/MECHANICAL: 2.5 PSF  
 B. CEILING SYSTEM (PARTS AREA "A"): 2.0 PSF  
 C. SPRINKLER SYSTEM:  
 UNIFORM BRANCH PIPE LOAD: 0 PSF  
 LINEAL LOOP/TREE MAIN PIPE LOAD: 0 PLF  
 D. STUDS AND GYP SHEATHING: 0 PSF

3. SNOW LOADS Ce = 1.0 Ct = 1.0  
 GROUND LOAD (Pg): 5 PSF  
 MINIMUM ROOF SNOW LOAD (P<sub>f</sub>): 5 PSF  
 IMPORTANCE FACTOR (I<sub>s</sub>): 1.0

4. WIND LOADS G<sub>cp</sub> = ± 0.18  
 BASIC WIND SPEED: V<sub>wp</sub> = 90 MPH  
 V<sub>wp,t</sub> = 115 MPH  
 EXPOSURE: C

5. SEISMIC  
 S<sub>s</sub>: 0.157  
 S<sub>1</sub>: 0.083  
 S<sub>d</sub>: 0.168  
 S<sub>d1</sub>: 0.133  
 IMPORTANCE FACTOR (I<sub>e</sub>): 1.0  
 SITE CLASS (GEOTECHNICAL REPORT): D  
 DESIGN CATEGORY: B

6. LOAD COMBINATIONS:  
 LOAD COMBINATIONS SHALL BE PER THE ABOVE REFERENCED BUILDING CODE.

7. BUILDING DEFLECTION LIMITS:  
 (REFERENCED CODE DEFLECTION LIMITS, WHERE MORE STRINGENT CODE DEFLECTION APPLY, SHALL SUPERSEDE THE FOLLOWING DEFLECTION LIMITS.)  
 MAX. ROOF SNOW OR LIVE LOAD: SPAN/240  
 MAX. ROOF TOTAL LOAD: SPAN/180  
 MAX. METAL BUILDING RIGID FRAME LATERAL DEFLECTION: HEIGHT/150  
 MAX. METAL BUILDING HORIZONTAL GIRT LATERAL DEFLECTION: SPAN/240

COMMERCIAL ENERGY EFFICIENCY CODE  
 COMPLIANCE WITH BUILDING ENERGY EFFICIENCY REQUIREMENTS BASED UPON APPLICABLE ENERGY CODE (PERFORMANCE METHOD).

CERTIFICATE OF COMPLIANCE AND CALCULATIONS TO BE PROVIDED UPON REQUEST UNDER SEPARATE COVER.

**GENERAL NOTES**

- (A) REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
- (B) REFER TO PLANS, SECTIONS, AND DETAILS FOR CONSTRUCTION OF FIRE RATED ASSEMBLIES. WHERE UNDERWRITERS LABORATORY (UL) TEST NUMBERS ARE REFERENCED, CONTRACTOR SHALL PROVIDE CONSTRUCTION MATERIALS, MEANS AND METHODS TO COMPLY WITH TESTED ASSEMBLY.
- (C) REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
- (D) OWNER FURNISHED AND INSTALLED FIRE ALARM AND FIRE EXTINGUISHERS SHOWN FOR REFERENCE ONLY.
- (E) CONTRACTOR TO PROVIDE PORTABLE FIRE EXTINGUISHERS DURING CONSTRUCTION AS REQUIRED TO PROTECT THE WORK AREA AND EACH STORAGE UNIT AND TRAILER PER THE FIRE CODE.
- (F) SURFACE MOUNTED PORTABLE FIRE EXTINGUISHERS SHALL BE UL LISTED ABOVE TYPE, WITH 10 LBS. CAPACITY. REFER TO DETAIL FOR MOUNTING REQUIREMENTS.

**SYMBOLS LEGEND**

- 328 SF ROOM SQUARE FOOTAGE
- DESIGN OCCUPANT LOAD SERVED BY EXIT: MAXIMUM ALLOWABLE CAPACITY (EXAMPLE: 38' (2" = 180) )
- OCCUPANT LOAD SERVED BY EXIT BUT NOT COUNTED IN TOTAL OCCUPANT LOAD:
- ROOM OCCUPANT LOAD AT 30 SQ. FT. GROSS PER PERSON
- ROOM OCCUPANT LOAD AT 100 SQ. FT. GROSS PER PERSON
- ROOM OCCUPANT LOAD AT 300 SQ. FT. GROSS PER PERSON
- FIRE EXTINGUISHER (SURFACE MOUNTED)
- FLOORCEILING FIRE RATED ASSEMBLY
- TES LOCATION OF TACTILE EXIT SIGNAGE
- EGRESS TRAVEL PATH STARTING POINT
- EXIT ACCESS TRAVEL DISTANCE (LENGTH IN FEET)
- CLEAR FLOOR AREA (EXIT DOOR AND /OR FIRE EXTINGUISHER)

REFER TO LIGHTING PLAN FOR EMERGENCY EXIT LIGHTING LOCATIONS.

**PLUMBING FIXTURE SUMMARY**

GENERAL	
IPC TABLE 403.1	
PRIMARY OCCUPANCY: (M) MERCANTILE	
TOTAL OCCUPANCY:	126
OCCUPANCY LOAD CALCULATED PER SEX:	
FEMALE:	126 / 2 = 63
MALE:	126 / 2 = 63
PLUMBING FIXTURES	
WATER CLOSETS (URINALS):	1 PER 500
REQUIRED FOR FEMALE:	63/500 = 1
PROVIDED FOR FEMALE:	1
REQUIRED FOR MALE:	63/500 = 1
PROVIDED FOR MALE:	1 AND 1
URINAL	
LAVATORIES:	
REQUIRED FOR FEMALE:	1 PER 750
PROVIDED FOR FEMALE:	63/750 = 1
REQUIRED FOR MALE:	1
PROVIDED FOR MALE:	63/750 = 1
PROVIDED FOR MALE:	1
DRINKING FOUNTAINS:	
REQUIRED:	1 PER 1,000
PROVIDED:	126/1000 = 1
PROVIDED:	2
SERVICE SINK REQUIRED:	
REQUIRED:	1
PROVIDED:	1

**CRAIG A. SCHNEIDER, AIA**  
 ARCHITECT  
 1736 East Sunshine, Suite 417  
 Springfield, Missouri 65804  
 417.862.0533  
 Fax: 417.862.3268  
 e-mail: architec@estertyschneider.com

**PROJECT:**  
 NEW O'REILLY AUTO PARTS STORE  
 NC STATE HWY 211  
 SEVEN LAKES, NC  
**CODE SUMMARY PLAN**

**O'Reilly AUTO PARTS**  
 CORPORATE OFFICES  
 233 SOUTH PATTERSON  
 SPRINGFIELD, MISSOURI 65802  
 (417) 862-2074 TELEPHONE

COMM #	4155
DATE:	3-23-18
REVISION	
DATE:	8-8-18