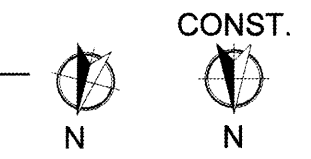


1 CODE SUMMARY PLAN
G1.1 SCALE: 1/8" = 1'-0"



| PROJECT DATA | |
|----------------------------------|------------|
| REAL ESTATE PROPERTY GROSS AREA: | 43,176 GSF |
| SITE PARKING GROSS AREA: | 19,403 GSF |
| BUILDING GROSS AREA: | 7,627 GSF |
| BUILDING INTERIOR AREA: | 7,164 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" | 30 | 110 |
| 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 |
| TOTAL OCCUPANCY | | 124 |

BUILDING CODE

BUILDING OFFICIAL CONTACT NUMBER: (540) 658-8688
 COUNTY: STAFFORD
 ZIP CODE: 22405

GOVERNING CODES AND ORDINANCES
 BUILDING CODE: 2012 VA BC
 PLUMBING CODE: 2012 VA PC
 MECHANICAL CODE: 2012 VA MC
 ELECTRICAL CODE: 2011 NEC
 FIRE CODE: 2012 VA FC
 ENERGY CODE: 2012 IECC
 AMENDING ORDINANCE: STAFFORD COUNTY CODE

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. STORIES: 2 STORIES
 AREA: 12,500 SQ. FT.

ACTUAL HEIGHT & BUILDING AREA
 NO. OF STORIES: 2 STORIES
 BUILDING HEIGHT: 12'-0"
 GROSS BUILDING AREA: 7,624 SQ. F.T.

FIRE PROTECTION SYSTEMS
 AUTOMATIC SPRINKLER SYSTEM: NOT REQUIRED
 PORTABLE FIRE EXTINGUISHERS: REQUIRED
 FIRE ALARM SYSTEM: NOT REQUIRED
 AUTOMATIC DETECTION SYSTEM: NOT REQUIRED

STRUCTURAL DESIGN
 REFER TO STRUCTURAL DRAWINGS)
 1. LIVE LOADS
 ROOF (1/4"12): 20 PSF (REDUCIBLE)
 2. ROOF COLLATERAL LOADS
 A. ARCHITECTURAL / MECHANICAL: 2.5 PSF
 B. SUSPENDED ACOUSTICAL CEILING SYSTEM LOAD (WHERE OCCURS): 2.0 PSF
 C. SPRINKLER SYSTEM
 UNIFORM BRANCH PIPE LOAD: 0.0 PSF
 LINEAL LOOP / TEE MAIN PIPE LOAD: 0.0 PLF

3. SNOW LOADS CE = 1.0 CT = 1.0
 GROUND LOAD (PG): 25 PSF
 MINIMUM ROOF SNOW LOAD (PF): 20 PSF
 IMPORTANCE FACTOR (IS): 1.0

4. WIND LOADS GCPI = ± 0.18
 BASIC WIND SPEED: V_{ULT} = 115 MPH
 V_{ASD} = 89.1 MPH
 EXPOSURE: C

5. SEISMIC
 SS: 0.142
 S1: 0.055
 SDS: 0.237
 SD1: 0.128
 IMPORTANCE FACTOR (IE): 1.0
 SITE CLASS: E
 DESIGN CATEGORY: B

6. BUILDING LATERAL DEFLECTION LIMITS:
 (REFERENCE CODE DEFLECTION LIMITS, WHERE MORE STRINGENT CODE DEFLECTION LIMITS APPLY, THEY SHALL SUPERSEDE THE FOLLOWING)
 MAX. ROOF SNOW OR LIVE LOAD DEFLECT.: SPAN/240
 MAX. ROOF TOTAL LOAD DEFLECT.: 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 FURNISHINGS AND FIXTURES SHOWN FOR REFERENCE ONLY.
- (E) CONTRACTOR TO PROVIDE PORTABLE FIRE EXTINGUISHERS DURING CONSTRUCTION. REQUIRED TO PROTECT THE WORK AREA AND EACH STORAGE UNIT AND JOB TRAILER PER THE FIRE CODE.
- (F) SURFACE MOUNTED PORTABLE FIRE EXTINGUISHERS SHALL BE UL LISTED ABC TYPE WITH 1.5 GALS. CAPACITY. REFER TO DETAIL 1044.2 FOR TYPICAL MOUNTING REQUIREMENTS.

SYMBOLS LEGEND

- 225 SF ROOM SQUARE FOOTAGE:
- DESIGN OCCUPANT LOAD SERVED BY EXIT: MAXIMUM ALLOWABLE CAPACITY (EXAMPLE: 30' / 2' x 120')
- 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)
- 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)

PLUMBING FIXTURE SUMMARY

GENERAL
 IPC TABLE 403.1
 PRIMARY OCCUPANCY: (M) MERCANTILE
 TOTAL OCCUPANCY: 124

OCCUPANCY LOAD CALCULATED PER SEX:
 FEMALE: 124 / 2 = 62
 MALE: 124 / 2 = 62

PLUMBING FIXTURES
 WATER CLOSETS (URINALS): 1 PER 500
 REQUIRED FOR FEMALE: 62/500 = 1
 PROVIDED FOR FEMALE: 1
 REQUIRED FOR MALE: 62/500 = 1
 PROVIDED FOR MALE: 1 AND 1 URINAL

LAVATORIES:
 REQUIRED FOR FEMALE: 1 PER 750
 PROVIDED FOR FEMALE: 62/750 = 1
 1
 REQUIRED FOR MALE: 62/750 = 1
 PROVIDED FOR MALE: 1

DRINKING FOUNTAINS:
 REQUIRED: 1 PER 1,000
 124/1000 = 1
 PROVIDED: 2

SERVICE SINK REQUIRED: 1
 SERVICE SINK PROVIDED: 1



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 417.862.3265
 architect@estoffschneider.com

PROJECT:
NEW O'REILLY AUTO PARTS STORE
290 DEACON ROAD
FREDERICKSBURG, VA #4
CODE SUMMARY PLAN

O'Reilly AUTO PARTS
 CORPORATE OFFICES
 233 SOUTH PATTERSON
 SPRINGFIELD, MISSOURI 65802
 (417) 862-2674 TELEPHONE

| | |
|----------|---------|
| COMM # | 4251 |
| DATE: | 11-2-18 |
| REVISION | |
| DATE: | 3-25-19 |
| | 5-30-19 |
| | 6-28-19 |