

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

PROJECT DATA

REAL ESTATE PROPERTY GROSS AREA:	43,120 GSF
SITE PARKING GROSS AREA:	28,541 GSF
BUILDING BUILDING GROSS AREA:	7,000 GSF
BUILDING INTERIOR AREA:	6,661 SF

HAZARDOUS MATERIALS INVENTORY STATEMENT (HMIS)

- A UPON REQUEST OWNER TO PROVIDE UNDER SEPERATE 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"	N/A	0
101 - PARTS AREA "B"	300	9
102 - OFFICE	100	1
103 - RESTROOM	N/A	0
104 - RESTROOM	N/A	0
105 - PARTS AREA "C"	300	4
TOTAL OCCUPANCY		65

BUILDING CODE

BUILDING OFFICIAL CONTACT NUMBER: (256) 772-2894
 COUNTY: MADISON
 ZIP CODE: 35758

GOVERNING CODES AND ORDINANCES
 BUILDING CODE: 2015 IBC
 PLUMBING CODE: 2015 IPC
 MECHANICAL CODE: 2015 IMC
 ELECTRICAL CODE: 2005 NEC
 FIRE CODE: 2015 IFC
 ENERGY CODE: 2015 IECC
 AMENDING ORDINANCE: N/A

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

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

ALLOWABLE HEIGHT & BUILDING AREA
 NO. STORIES: 1 STORIES
 AREA: 12,000

ACTUAL HEIGHT & BUILDING AREA
 NO. OF STORIES: 1 STORY
 BUILDING HEIGHT: 19'-4"
 GROSS BUILDING AREA: 7,000 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): 10 PSF
 MINIMUM ROOF SNOW LOAD (Pf): 12 PSF
 IMPORTANCE FACTOR (Is): 1.0
 4. WIND LOADS Gcpi = ± 0.18
 BASIC WIND SPEED: V_{ult} = 115 MPH
 V_{nat} = 89.1 MPH
 EXPOSURE: C

5. SEISMIC
 Ss: 0.252
 S1: 0.121
 Sds: 0.269
 Sd1: 0.187
 IMPORTANCE FACTOR (Ie): 1.0
 SITE CLASS: D
 DESIGN CATEGORY: C

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 SEPERATE 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. PROVIDE 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 10 LB. CAPACITY. REFER TO DETAIL 1012 FOR TYPICAL MOUNTING REQUIREMENTS.
- G EXIT CHARGE DOORS, PROVIDE TACTILE EXIT SIGNS STATING "EXIT" IN BRaille LETTERING. SIGN AND MOUNTING TO COMPLY WITH ANSI A117.1. REFER TO FLOOR PLAN FOR LOCATIONS.

SYMBOLS LEGEND

- M PRIMARY USE GROUP: (MERCANTILE)
- II-B CONSTRUCTION TYPE: (COMBUSTIBLE/PROTECTED)
- 325 SF ROOM SQUARE FOOTAGE
- 180 DESIGN OCCUPANT LOAD SERVED BY EXIT: MAXIMUM ALLOWABLE CAPACITY (EXAMPLE: 30' / 2' = 180)
- 180 OCCUPANT LOAD SERVED BY EXIT BUT NOT COUNTED IN TOTAL OCCUPANT LOAD
- (1) HOUR FIRE SEPARATION ASSEMBLY EXTENDS UP TO DECK, FIRE SEAL COMPLETELY.
- (2) HOUR FIRE SEPARATION ASSEMBLY EXTENDS UP TO DECK OR MIN. 30" ABOVE DECK, FIRE SEAL COMPLETELY.
- ROOM OCCUPANT LOAD NOT COUNTED IN:
- 15 ROOM OCCUPANT LOAD AT 5 SQ. FT. NET PER PERSON: ROOM OCCUPANT LOAD AT 7 SQ. FT. NET PER PERSON:
- 16 ROOM OCCUPANT LOAD AT 15 SQ. FT. NET PER PERSON:
- 17 ROOM OCCUPANT LOAD AT 20 SQ. FT. NET PER PERSON:
- 18 ROOM OCCUPANT LOAD AT 30 SQ. FT. GROSS PER PERSON:
- 19 ROOM OCCUPANT LOAD AT 100 SQ. FT. GROSS PER PERSON:
- 20 ROOM OCCUPANT LOAD AT 200 SQ. FT. GROSS PER PERSON:
- 21 ROOM OCCUPANT LOAD AT 300 SQ. FT. GROSS PER PERSON:
- 22 ROOM OCCUPANT LOAD AT 500 SQ. FT. GROSS PER PERSON:
- 23 ROOM OCCUPANT LOAD AT 18" OF SEAT PER PERSON:
- F FIRE ALARM PULL STATION
- F FIRE AUDIBLE & VISUAL ALARM
- S FIRE ALARM STROBE
- EMERGENCY EXIT LIGHTING
- EMERGENCY LIGHTING
- FIRE EXTINGUISHER (SURFACE MOUNTED)
- FLOOR/CEILING FIRE RATED ASSEMBLY
- 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: 65

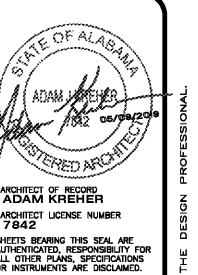
OCCUPANCY LOAD CALCULATED PER SEX:
 FEMALE: 65 / 2 = 33
 MALE: 65 / 2 = 33

PLUMBING FIXTURES
 WATER CLOSETS (URINALS): 1 PER 500
 REQUIRED FOR FEMALE: 33/500 = 1
 PROVIDED FOR FEMALE: 1
 REQUIRED FOR MALE: 33/500 = 1
 PROVIDED FOR MALE: 1 AND 1
 URINAL

LAVATORIES:
 REQUIRED FOR FEMALE: 1 PER 750
 PROVIDED FOR FEMALE: 33/750 = 1
 1
 REQUIRED FOR MALE: 33/750 = 1
 PROVIDED FOR MALE: 1

DRINKING FOUNTAINS:
 REQUIRED: 1 PER 1,000
 PROVIDED: 65/1000 = 1
 2

SERVICE SINK REQUIRED: 1
 SERVICE SINK PROVIDED: 1



ARCHITECT OF RECORD
ADAM KREHER
 ARCHITECT LICENSE NUMBER
 7842
 SHEETS BEARING THIS SEAL ARE AUTHENTICATED. RESPONSIBILITY FOR ALL OTHER PLANS, SPECIFICATIONS OR INSTRUMENTS ARE DISCLAIMED.

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PROJECT:
NEW O'REILLY AUTO PARTS STORE
 11178 COUNTY LINE ROAD
 MADISON, AL 35758

O'Reilly AUTO PARTS
 CORPORATE OFFICES
 333 SOUTH PATTERSON
 SPRINGFIELD, MISSOURI 65802
 (417) 882-2674 TELEPHONE

DRAWN BY: NO
 CHECKED BY: KR
 DATE: 05/10/2019
 REVISION:
 PROJECT NUMBER: 19098-MS3
 SHEET NUMBER: **G1.1**

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