



1 CODE SUMMARY PLAN

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

PROJECT DATA

REAL ESTATE PROPERTY GROSS AREA:	46,479 GSF
SITE PARKING GROSS AREA:	22,878 GSF
BUILDING BUILDING GROSS AREA:	7,228 GSF
BUILDING INTERIOR AREA:	6,955 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.

BUILDING CODE

BUILDING OFFICIAL CONTACT NUMBER: (623) 932-3004

COUNTY: MARICOPA
ZIP CODE: 85338

GOVERNING CODES AND ORDINANCES
BUILDING CODE: 2018 IBC
PLUMBING CODE: 2018 IPC
MECHANICAL CODE: 2018 IMC
ELECTRICAL CODE: 2017 NEC
FIRE CODE: 2018 IFC
ENERGY CODE: 2018 IECC
ACCESSIBILITY CODE: 2010 ADA
AMENDING ORDINANCE: NONE

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

ACTUAL HEIGHT & BUILDING AREA
NO. OF STORIES: 1 STORY
BUILDING HEIGHT: 19'-4"
GROSS BUILDING AREA: 7,228 SQ. FT.

FIRE PROTECTION SYSTEMS
AUTOMATIC SPRINKLER SYSTEM: REQUIRED
PORTABLE FIRE EXTINGUISHERS: REQUIRED
FIRE ALARM SYSTEM: 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
ARCHITECTURAL / MECHANICAL: 2.5 PSF
SUSPENDED ACOUSTICAL CEILING
SYSTEM LOAD (WHERE OCCURS): 2.0 PSF
SPRINKLER SYSTEM
UNIFORM BRANCH PIPE LOAD: 1.0 PSF
LINEAL LOOP / TEE MAIN PIPE LOAD: 25.0 PLF

3. SNOW LOADS
GROUND LOAD (Pg): 0 PSF
MINIMUM ROOF SNOW LOAD (Pf): 0 PSF
IMPORTANCE FACTOR (Is): 1.0

4. WIND LOADS
BASIC WIND SPEED: 78.2 MPH (Vasd)
101 MPH (Vult)
EXPOSURE: C

5. SEISMIC
Ss: 0.171
Ss: 0.073
Sds: 0.182
Sd1: 0.117
IMPORTANCE FACTOR (Ie): 1.0
SITE CLASS: D (DETERMINED)
DESIGN CATEGORY: B

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

OCCUPANCY LOAD SUMMARY

ROOM OR AREA (REFER TO FLOOR PLAN)	AREA PER OCCUPANT(S.F.)	OCCUPANTS (QTY.)
100 - PARTS AREA "A"	60	52
101 - PARTS AREA "B"	300	4
102 - OFFICE	100	1
103 - RESTROOM	N/A	0
104 - RESTROOM	N/A	0
105 - PARTS AREA "C"	300	9
TOTAL OCCUPANCY		66

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 AS 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 10 LBS. CAPACITY. REFER TO DETAIL 10/A.4.2 FOR TYPICAL MOUNTING REQUIREMENTS.
- (G) EXIT DISCHARGE DOORS, PROVIDE TACTILE EXIT SIGNS STATING "EXIT" WITH BRAILLE (GRADE 2 CONTRACTED) LETTERING. SIGN CONSTRUCTION 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)
ROOM SQUARE FOOTAGE
DESIGN OCCUPANT LOAD SERVED BY EXIT:
MAXIMUM ALLOWABLE CAPACITY (EXAMPLE: 36" / 2" = 180):
(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:
ROOM OCCUPANT LOAD AT 5 SQ. FT. NET PER PERSON:
ROOM OCCUPANT LOAD AT 7 SQ. FT. NET PER PERSON:
ROOM OCCUPANT LOAD AT 15 SQ. FT. NET PER PERSON:
ROOM OCCUPANT LOAD AT 20 SQ. FT. NET PER PERSON:
ROOM OCCUPANT LOAD AT 60 SQ. FT. GROSS PER PERSON:
ROOM OCCUPANT LOAD AT 100 SQ. FT. GROSS PER PERSON:
ROOM OCCUPANT LOAD AT 200 SQ. FT. GROSS PER PERSON:
ROOM OCCUPANT LOAD AT 300 SQ. FT. GROSS PER PERSON:
ROOM OCCUPANT LOAD AT 500 SQ. FT. GROSS PER PERSON:
ROOM OCCUPANT LOAD AT 18" OF SEAT PER PERSON:
FIRE ALARM PULL STATION
FIRE AUDIBLE & VISUAL ALARM
FIRE ALARM STROBE
EMERGENCY EXIT LIGHTING
EMERGENCY LIGHTING
LIGHT FIXTURE WITH 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: 66

OCCUPANCY LOAD CALCULATED PER SEX:
FEMALE: 66 / 2 = 33
MALE: 66 / 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
33/750 = 1
PROVIDED FOR FEMALE: 1
REQUIRED FOR MALE: 33/750 = 1
PROVIDED FOR MALE: 1

DRINKING FOUNTAINS:
REQUIRED: 1 PER 1,000
PROVIDED: 66/1000 = 1
2

SERVICE SINK REQUIRED: 1
SERVICE SINK PROVIDED: 1



PROJECT:
NEW O'REILLY AUTO PARTS STORE
W. YUMA RD. AND COTTON LANE
GOODYEAR, AZ 85338
CODE SUMMARY PLAN

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

DRAWN BY: SM
CHECKED BY: AK
DATE: 08/25/2023
REVISION: ADD002
NOVEMBER 15, 2023
PROJECT NUMBER: 21405-GY3
SHEET NUMBER

G1.1