

**1 CODE SUMMARY PLAN**  
 Q1.1 SCALE: 1/8" = 1'-0"

Order Plans

**PROJECT DATA**

REAL ESTATE PROPERTY GROSS AREA:	64,575 GSF
SITE PARKING GROSS AREA:	17,602 GSF
BUILDING BUILDING GROSS AREA:	7,650 GSF
BUILDING INTERIOR AREA:	7,275 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"	30	111
101 - PARTS AREA "B"	300	7
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>124</b>

**BUILDING CODE**

BUILDING OFFICIAL CONTACT NUMBER: (334) 899-3366  
 COUNTY: HOUSTON  
 ZIP CODE: 36312

**GOVERNING CODES AND ORDINANCES**  
 BUILDING CODE: 2012 IBC  
 PLUMBING CODE: 2012 IPC  
 MECHANICAL CODE: 2012 IMC  
 ELECTRICAL CODE: 2012 NEC  
 FIRE CODE: 2012 IFC  
 ENERGY CODE: 2012 IECC  
 ACCESSIBILITY CODE: 2010 ADA STDS.  
 AMENDING ORDINANCE: N/A

**USE GROUP & CONSTRUCTION TYPE**  
 PRIMARY USE GROUP: M (MERCANTILE)  
 MIXED USE AND OCCUPANCY: NONSEPARATED  
 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: 1 STORIES  
 AREA: 7,650 SQ. FT.

**ACTUAL HEIGHT & BUILDING AREA**  
 NO. OF STORIES: 1 STORY  
 BUILDING HEIGHT: 19'-00"  
 GROSS BUILDING AREA: 7,650 SQ. FT.

**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): 0 PSF  
 MINIMUM ROOF SNOW LOAD (Pf): 0 PSF  
 IMPORTANCE FACTOR (Is): 1.0

4. WIND LOADS GCp1 = ± 0.18  
 BASIC WIND SPEED: V<sub>ult</sub> = 119 MPH  
 V<sub>des</sub> = 92.2 MPH  
 EXPOSURE: C

5. SEISMIC  
 Ss: 0.092  
 S1: 0.058  
 Sds: 0.098  
 Sd1: 0.093  
 IMPORTANCE FACTOR (Ie): 1.0  
 SITE CLASS: D  
 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 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 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 LB. CAPACITY. REFER TO DETAIL 10412 FOR INSTALLATION REQUIREMENTS.
- (G) EXIT CHARGED DOORS, PROVIDE TACTILE EXIT SIGNS STATING "EXIT" AND GRADE 2 (CONTRACTED) 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)
- 3225 SF** ROOM SQUARE FOOTAGE:
- 124** DESIGN OCCUPANT LOAD SERVED BY EXIT: MAXIMUM ALLOWABLE CAPACITY (EXAMPLE: 39' / 2" = 182)
- (N)** 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:
- (16) ROOM OCCUPANT LOAD AT 7 SQ. FT. NET PER PERSON:
- (17) ROOM OCCUPANT LOAD AT 15 SQ. FT. NET PER PERSON:
- (18) ROOM OCCUPANT LOAD AT 20 SQ. FT. NET PER PERSON:
- (19) ROOM OCCUPANT LOAD AT 30 SQ. FT. GROSS PER PERSON:
- (20) ROOM OCCUPANT LOAD AT 100 SQ. FT. GROSS PER PERSON:
- (21) ROOM OCCUPANT LOAD AT 200 SQ. FT. GROSS PER PERSON:
- (22) ROOM OCCUPANT LOAD AT 300 SQ. FT. GROSS PER PERSON:
- (23) ROOM OCCUPANT LOAD AT 500 SQ. FT. GROSS PER PERSON:
- (24) ROOM OCCUPANT LOAD AT 16" OF SEAT PER PERSON:
- (25) FIRE ALARM FULL STATION
- (26) FIRE ALARM & VISUAL ALARM
- (27) FIRE ALARM STROBE
- (28) EMERGENCY EXIT LIGHTING
- (29) EMERGENCY LIGHTING
- (30) FIRE EXTINGUISHER (SURFACE MOUNTED)
- (31) FLOOR/CEILING FIRE RATED ASSEMBLY
- (32) EXIT ACCESS TRAVEL DISTANCE (LENGTH IN FEET)
- (33) CLEAR FLOOR AREA (EXIT DOOR AND / OR FIRE EXTINGUISHER)

**PLUMBING FIXTURE SUMMARY**

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

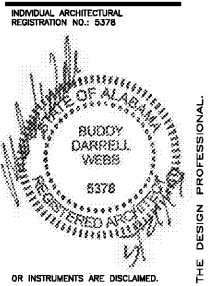
OCCUPANCY LOAD CALCULATED PER SEX:  
 FEMALE: 124 / 2 = 62  
 MALE: 124 / 2 = 62

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

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

SERVICE SINK REQUIRED: 1  
 SERVICE SINK PROVIDED: 1



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**PROJECT:**  
 NEW O'REILLY AUTO PARTS STORE  
 U.S. HWY 84 & N. BROADWAY  
 ASHFORD, AL

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 SHEET NUMBER

**G1.1**

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