



**1 CODE SUMMARY PLAN**  
G1.1 SCALE: 3/32" = 1'-0"

BUILDING CODE	BUILDING CODE	PROJECT DATA	SYMBOLS LEGEND	GENERAL NOTES
<p>BUILDING OFFICIAL CONTACT NUMBER: (601) 932-3526 COUNTY: RANKIN ZIP CODE: 39208</p> <p><b>GOVERNING CODES AND ORDINANCES</b> BUILDING CODE: 2006 IBC PLUMBING CODE: 2006 IPC MECHANICAL CODE: 2006 IMC ELECTRICAL CODE: 2000 NEC FIRE CODE: 2006 IFC ENERGY CODE: N/A AMENDING ORDINANCE: CITY OF PEARL <b>USE GROUP &amp; CONSTRUCTION TYPE</b> PRIMARY USE GROUP: M (MERCANTILE) MIXED USE AND OCCUPANCY: NONSEPARATED CONSTRUCTION TYPE: IV-B (NON-COMBUSTIBLE / UNPROTECTED)</p> <p><b>AREA MODIFICATIONS</b> FRONTAGE INCREASE: NOT APPLIED AUTOMATIC SPRINKLER INCREASE: PROVIDED</p> <p><b>ALLOWABLE HEIGHT &amp; BUILDING AREA</b> NO. STORIES: 5 STORIES AREA: 36,070 SQ. FT.</p> <p><b>ACTUAL HEIGHT &amp; BUILDING AREA</b> NO. OF STORIES: 5 STORY BUILDING HEIGHT: 27'-00" EXG. BUILDING GROSS AREA: 11,795 SQ. FT. BUILDING ADDITION AREA: 5,129 SQ. FT. GROSS BUILDING AREA: 16,924 SQ. FT.</p> <p><b>FIRE PROTECTION SYSTEMS</b> AUTOMATIC SPRINKLER SYSTEM: REQUIRED PORTABLE FIRE EXTINGUISHERS: REQUIRED FIRE ALARM SYSTEM: NOT REQUIRED MONITORING: NOT REQUIRED (REFER TO SCOPE OF WORK SHEET) AUTOMATIC FIRE DETECTION SYSTEM: NOT REQUIRED</p>	<p><b>STRUCTURAL DESIGN</b> (REFER TO STRUCTURAL DRAWINGS) 1. LIVE LOADS ROOF (1/4"12): 20 PSF REDUCED</p> <p>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 PSF LINEAL LOOP / TEE MAIN PIPE LOAD: 0 PLF</p> <p>3. SNOW LOADS: Ce = 1.0 Ct = 1.0 GROUND LOAD (Pg): 5 PSF MINIMUM ROOF SNOW LOAD (Pf): 8.5 PSF IMPORTANCE FACTOR (Is): 1.0</p> <p>4. WIND LOADS: GCF = ±0.18 BASIC WIND SPEED: V = 90 MPH EXPOSURE: C IMPORTANCE FACTOR (Is): 1.0</p> <p>5. SEISMIC Ss: 0.190 S1: 0.084 Sds: 0.203 Sd1: 0.134 IMPORTANCE FACTOR (Ie): 1.0 SITE CLASS: D 107 - OFFICE: 100 108 - OFFICE: 100</p> <p>6. BUILDING LATERAL DEFLECTION LIMITS: (REFERENCE CODE DEFLECTION LIMITS, WHERE MORE STRINGENT CODE DEFLECTION LIMITS APPLY, THEY SHALL SUPERSEDE THE FOLLOWING) ROOF SNOW OR LIVE LOAD DEFLECT.: SPAN/240 ROOF TOTAL LOAD DEFLECT.: SPAN/180</p> <p><b>COMMERCIAL ENERGY EFFICIENCY CODE</b> COMPLIANCE WITH BUILDING ENERGY EFFICIENCY REQUIREMENTS BASED UPON APPLICABLE ENERGY CODE (PERFORMANCE METHOD).</p> <p>CERTIFICATE OF COMPLIANCE AND CALCULATIONS TO BE PROVIDED UPON REQUEST UNDER SEPARATE COVER.</p>	<p>REAL ESTATE PROPERTY GROSS AREA: 52,879 GSF</p> <p>SITE PARKING GROSS AREA: 23,680 GSF</p> <p><b>BUILDING</b> EXG. BUILDING GROSS AREA: 11,795 SF BUILDING ADDITION AREA: 5,129 SF BUILDING INTERIOR AREA: 15,945 SF TOTAL BUILDING AREA: 16,923 GSF</p>	<p><b>M</b> PRIMARY USE GROUP: (MERCANTILE) <b>II-B</b> CONSTRUCTION TYPE: (COMBUSTIBLE/PROTECTED) ROOM SQUARE FOOTAGE: 325 SF <b>180</b> DESIGN OCCUPANT LOAD SERVED BY EXIT, MAXIMUM ALLOWABLE CAPACITY (EXAMPLE: 36" / 2' = 180) <b>(K)</b> OCCUPANT LOAD SERVED BY EXIT BUT NOT COUNTED IN TOTAL OCCUPANT LOAD</p> <p>(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.</p> <p>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 30 SQ. FT. NET 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 15' OF SEAT PER PERSON</p> <p>FIRE ALARM PULL STATION FIRE AUDIBLE &amp; VISUAL ALARM 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)</p>	<p>(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/A4.2 FOR TYPICAL MOUNTING REQUIREMENTS. (G) EXIT DISCHARGE DOORS, PROVIDE TACTILE EXIT SIGNS STATING "EXIT" WITH BRAILLE LETTERING, SIGN AND MOUNTING TO COMPLY WITH ANSI A117.1. REFER TO FLOOR PLAN FOR LOCATIONS.</p>

AREA MODIFICATIONS SUMMARY
AUTOMATIC SPRINKLER SYSTEM INCREASE FORMULA: STORIES < 2 (300%): Is = 3.00

OCCUPANCY LOAD SUMMARY		
ROOM OR AREA (REFER TO FLOOR PLAN)	AREA PER OCCUPANT (S.F.)	OCCUPANTS (QTY.)
100 - PARTS AREA "A"	30	1
101 - PARTS AREA "B"	300	11
102 - OFFICE	100	1
103 - RESTROOM	N/A	0
104 - RESTROOM	N/A	0
105 - PARTS AREA "C"	300	15
106 - PARTS AREA "D"	300	16
107 - OFFICE	100	1
108 - OFFICE	100	1
<b>TOTAL OCCUPANCY</b>		<b>151</b>

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.	

PLUMBING FIXTURE SUMMARY	
GENERAL IPC TABLE 403.1 PRIMARY OCCUPANCY: (M) MERCANTILE TOTAL OCCUPANCY:	151
OCCUPANCY LOAD CALCULATED PER SEX: FEMALE: MALE:	151 / 2 = 76 151 / 2 = 76
PLUMBING FIXTURES WATER CLOSETS (URINALS): REQUIRED FOR FEMALE: PROVIDED FOR FEMALE: REQUIRED FOR MALE: PROVIDED FOR MALE:	1 PER 500 76/500 = 1 1 76/500 = 1 1 AND 1
LAVATORIES: REQUIRED FOR FEMALE: PROVIDED FOR FEMALE: REQUIRED FOR MALE: PROVIDED FOR MALE:	1 PER 750 76/750 = 1 1 76/750 = 1 1
DRINKING FOUNTAINS: REQUIRED: PROVIDED:	1 PER 1,000 151/1000 = 1 2
SERVICE SINK REQUIRED: SERVICE SINK PROVIDED:	1 1

PROJECT: (ADDITION)  
**O'REILLY AUTO PARTS STORE**  
2730 HIGHWAY 80 EAST  
PEARL, MISSISSIPPI

**Buddy Webb, NCARB, AIA**  
**Architect - Consultant**  
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DRAWN BY: EW  
CHECKED BY: RV  
DATE: 04/26/18  
REVISION:  
PROJECT NUMBER: PEA-0994  
SHEET NUMBER:

**G1.1**

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Order Plans