

GENERAL STRUCTURAL NOTES:

GOVERNING CODE: INTERNATIONAL BUILDING CODE 2012

1. DESIGN LOAD CRITERIA

TOP CHORD (ROOF) DEAD LOAD ----- 20 psf
LIVE LOAD ----- 20 psf
ADD. EQUIP. LOAD AS SHOWN

BOTTOM CHORD (CLG) DEAD LOAD ----- 10 psf
TOTAL DESIGN LOAD = 50 psf

EXTERIOR WALL WIND DESIGN --- 115 mph (ASCE 7)
WIND EXPOSURE - B
IMPORTANCE FACTOR - 1.0
RISK CATEGORY - II
INTERNAL PRESSURE COEFFICIENT - 1

ZONE	EFFECTIVE WIND AREA (SF)	DESIGN WIND PRESSURE (PSF)
1	10	-23.8
1	20	-23.2
1	50	-22.4
1	100	-21.8
2	10	-39.9
2	20	-35.7
2	50	-30.1
2	100	-25.8
3	10	-49.8
3	20	-46.1
3	50	-36.1
3	100	-25.8
4	10	-23.8
4	20	-24.7
4	50	-23.3
4	100	-22.2
4	500	-19.8
5	10	-31.9
5	20	-29.7
5	50	-28.9
5	100	-24.7
5	500	-19.8

AWNINGS & CANOPIES INDICATED ON ARCHITECTURAL PLANS SHALL BE DESIGNED FOR LOADS INDICATED ON STRUCTURAL PLANS AND SHALL BE SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF ALABAMA AND SUBMITTED FOR REVIEW.

- SEISMIC IMPORTANCE FACTOR = 1
- SDS = 0.069 - SD1 = 0.039
- SITE CLASS = D
- BASIC SEISMIC-FORCE RESISTING SYSTEM = BEARING WALL SYSTEM WITH LIGHT FRAMED SHEAR WALLS
- DESIGN BASE SHEAR = 0.01W
- ANALYSIS PROCEDURE = EQUIVALENT LATERAL-FORCE
- SEISMIC DESIGN CATEGORY = A

2. STEEL

- ALL STRUCTURAL STEEL SHALL CONFORM TO ASTM SPECIFICATION A36, EXCEPT TUBE COLUMN WHICH SHALL CONFORM TO ASTM A500, GRADE B.
- ALL BOLT FASTENERS SHALL BE GALVANIZED MACHINE BOLTS EXCEPT FOR ANCHOR BOLTS WHICH SHALL CONFORM TO ASTM A307.

3. TIMBER:

WOOD FRAMING

- ALL JOISTS, RAFTERS, BEAMS AND HEADERS 2" TO 4" THICK SHALL BE KD-15 SOUTHERN PINE NO. 2 OR APPROVED EQUAL.
- STUDS AND PLATES SHALL BE KD-15 SOUTHERN PINE IN STUD GRADE OR APPROVED EQUAL.
- ALL STRUCTURAL PLYWOOD SHALL BE EXTERIOR GRADE C OR BETTER WITH A MINIMUM SPAN RATING OF 32/16.

TRUSS FRAMING

LUMBER SPECIFICATIONS

- TOP AND BOTTOM CHORDS TO BE #2 MC KD SELECT DENSE STRUCTURAL GRADE SOUTHERN PINE OR APPROVED EQUAL.
- WEB MEMBERS TO BE #3 MC KD SELECT DENSE STRUCTURAL GRADE SOUTHERN PINE OR APPROVED EQUAL.
- PROVIDE 2x4 CROSS BRACING OR BRIDGING AT ALL 1/3 POINTS OF THE TRUSS SPAN FOR BOTH TOP AND BOTTOM CHORDS.
- STEEL TRUSS GUSSET PLATE SHALL BE EITHER NAILED OR PRESS-IN TYPE COMPLYING w/ STANDARDS OF THE TRUSS PLATE INSTITUTE.
- THE ROOF TRUSS STRUCTURAL DESIGN IS CALCULATED BASED ON THE DESIGN LOADS SHOWN. THE CONTRACTOR SHALL SUBMIT TRUSS SHOP DRAWINGS, INCLUDING STRUCTURAL CALCULATIONS, SIGNED AND SEALED BY A STRUCTURAL ENGINEER LICENSED TO PRACTICE IN THE STATE WHERE THE SITE IS LOCATED, TO THE ARCHITECT FOR REVIEW. SEALED DRAWINGS AND CALCULATIONS SHALL BE AVAILABLE ON JOB SITE.

4. FOUNDATIONS:

A REGISTERED PROFESSIONAL GEOTECHNICAL ENGINEER SHALL BE RETAINED TO ASSESS BEARING CAPACITY OF EXISTING SOILS AND TO PROVIDE RECOMMENDATIONS FOR FOUNDATION CONSTRUCTION.

5. DIMENSIONS

ALL DIMENSIONS ARE TO EXTERIOR FACE OF PLYWOOD UNLESS NOTED OTHERWISE.

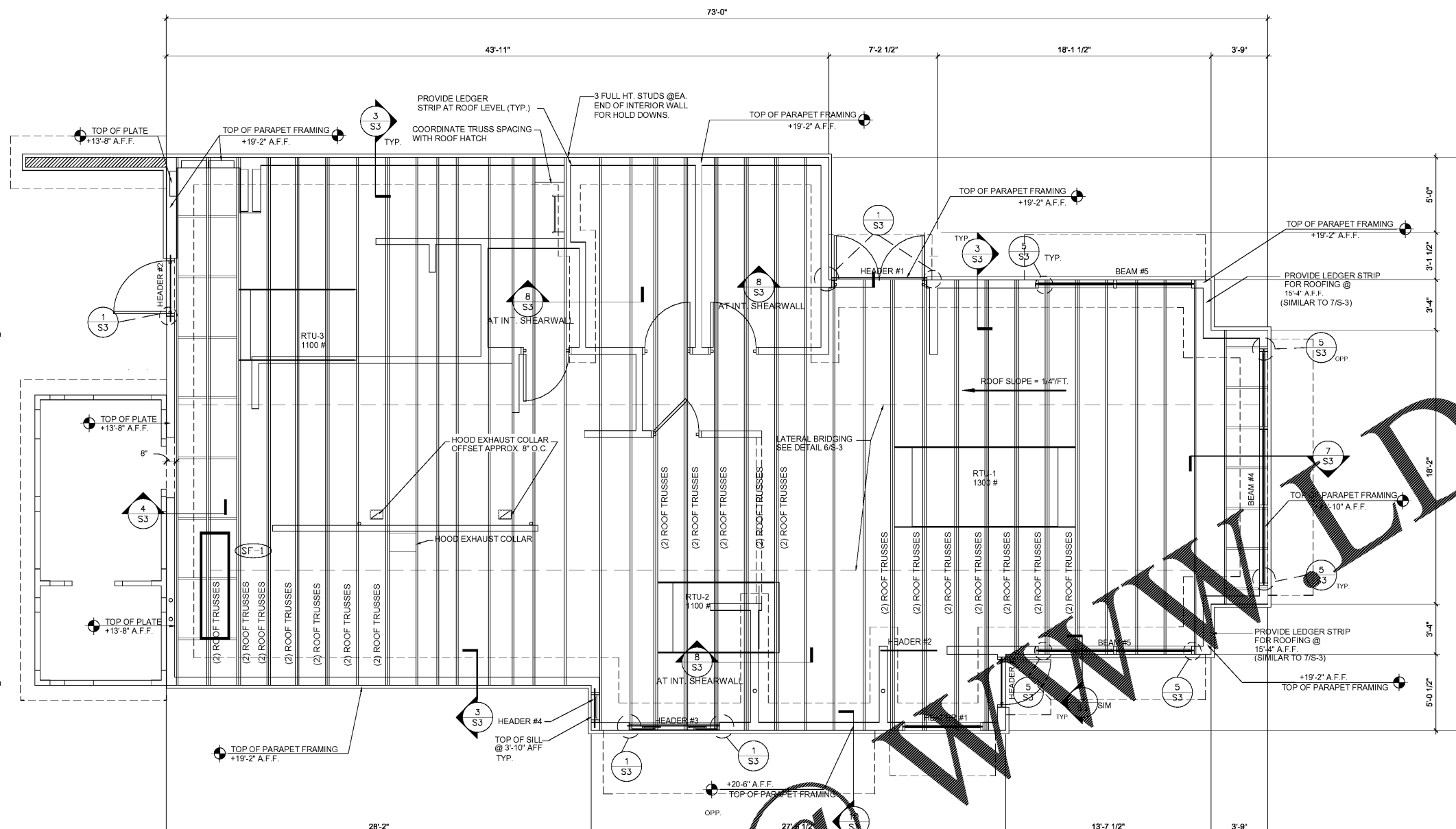
ALL DIMENSIONS ON STRUCTURAL DRAWINGS TO BE CHECKED AGAINST ARCHITECTURAL. NOTIFY DESIGNER AND STRUCTURAL ENGINEER OF ANY DISCREPANCIES BEFORE PROCEEDING WITH CONSTRUCTION.

6. SHEATHING:

- PROVIDE 15/32" EXTERIOR GRADE PLYWOOD SHEATHING CONTINUOUS OVER EXTERIOR WALLS OF BUILDING.
- ROOF SHEATHING TO BE 19/32" CDX PLYWOOD.

7. NAILING PATTERN:

- PLYWOOD TO COMMON STUD WALL: NAIL WITH 10d NAILS 6" O.C. AT ALL JOINTS, AND AND 12" O.C. AT ALL INTERMEDIATE STUDS.
- PLYWOOD TO ROOF TRUSS (ROOF DECKING): SEE SHT. S-4 FOR ROOF NAIL PATTERN.



1 ROOF FRAMING PLAN
S2 1/4"=1'-0"

TAG#	SIZE	BEARING HGT.
HEADER 1	(3) 2X 9 1/4" X 9 1/4" LVL	9'-4" A.F.F.
HEADER 2	(3) 2X 7 1/2" W/ 1/2" PLYWD. SPACER	7'-1" A.F.F.
HEADER 3	(3) 2X 6 1/2" X 9 1/4" LVL	6'-2" A.F.F.
BEAM 4	(3) 1 3/4" X 14" LVL	9'-4 1/2" A.F.F.
BEAM 5	(3) 1 3/4" X 14" LVL	9'-4 1/2" A.F.F.

LVL DESIGN BASED ON SOLIDSTART 2900Fb-2.0E

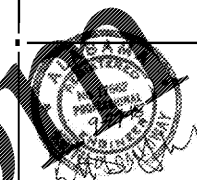
NOTE:

- G.C. TO VERIFY LOCATION OF ALL MECHANICAL EQUIPMENT PRIOR TO CONSTRUCTION
- G.C. TO PROVIDE DOUBLE 2x4 BLOCKING FOR P.O.S MONITOR BRACKETS. G.C. TO SECURE TO TRUSSES PER P.O.S VENDOR DIRECTION.
- THE STRUCTURE HAS BEEN DESIGNED IN COMPLIANCE WITH SECTION 1609, CHAPTER 16 OF THE 2012 IBC. (ASCE 7-10 FOR 115 MPH WIND)

ROOF FRAMING NOTES:

- ALL DIMENSIONS ARE TO EXTERIOR FACE OF PLYWOOD UNLESS NOTED OTHERWISE.
- DIMENSIONS SHOWN FOR MECHANICAL EQUIPMENT ARE APPROXIMATE. COORDINATE ALL ROOF PENETRATIONS WITH MECHANICAL AND PLUMBING CONTRACTORS.
- ROOF IS NOT DESIGNED TO SUPPORT ANY FUTURE MECHANICAL EQUIPMENT OR ANY OTHER LOADS.

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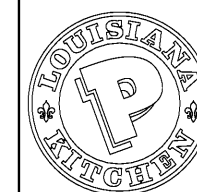


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DRAWN BY: DB
CHECKED BY: MRW. EH
DATE: 09.27.2018
H-HA PROJECT #: 18064.1.4

PREMIER CAJUN KINGS, LLC - POPEYES
Near 431 Main St,
Shorter, AL 36075
LOUISIANA KITCHEN P.L.K. DESIGN STANDARDS
PLK1 1846-DL PROTOTYPE 46 SEATS / DUAL-LINE PRODUCTION



POPEYES
REVISIONS:

PERMIT/BID SET 09.27.18

S2

FRAMING PLAN

DATE: 9/27/2018

CHECKED: KDG