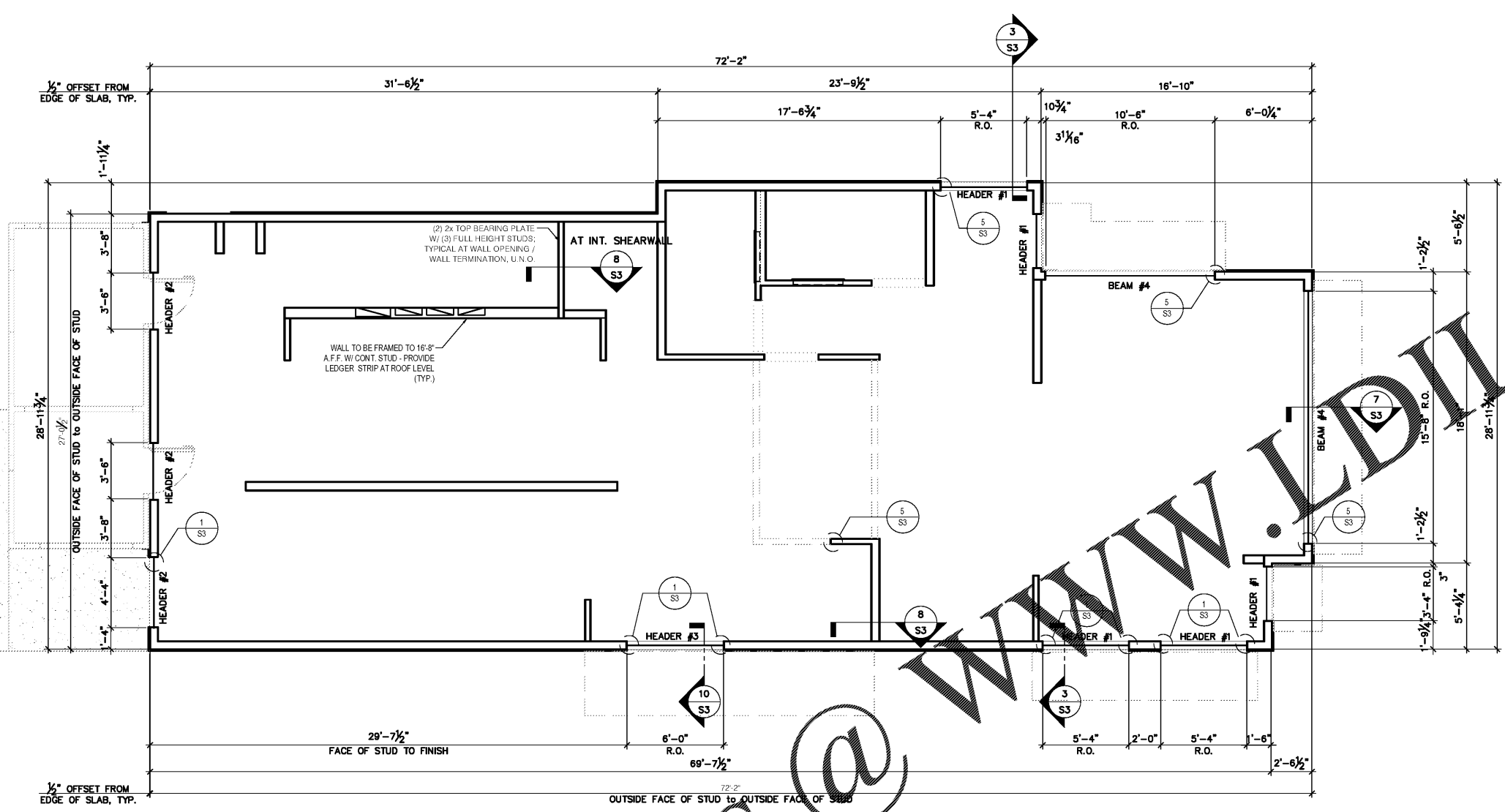


**GENERAL STRUCTURAL NOTES:**

- DESIGN LOAD CRITERIA
  - TOP CHORD (ROOF)
    - DEAD LOAD: 10 PSF
    - LIVE LOAD: 20 PSF
    - ADD. EQUIP. LOAD: AS SHOWN
  - BOTTOM CHORD (CLG)
    - DEAD LOAD: 10 PSF
  - TOTAL DESIGN LOAD: 40 PSF
  - EXTERIOR WALL WIND DESIGN: 120 mph (ASCE 7-98)
- SEISMIC LOAD CRITERIA
  - 1. SEISMIC USE GROUP = 1
  - 2. SDS = 0.92 - SDI = 0.54
  - 3. SITE CLASS = D
  - 4. BASIC SEISMIC-FORCE RESISTING SYSTEM = BEARING WALL SYSTEM WITH LIGHT FRAMED SHEAR WALLS
  - 5. DESIGN BASE SHEAR = 0.04W
  - 6. ANALYSIS PROCEDURE = EQUIVALENT LATERAL FORCE
  - 7. SEISMIC DESIGN CATEGORY = B
- EXTERIOR WALL WIND DESIGN: 120 mph (ASCE 7-98)
- STEEL
  - A. STRUCTURAL STEEL SHALL CONFORM TO ASTM SPECIFICATION A36, EXCEPT TUBE COLUMN WHICH SHALL CONFORM TO ASTM A500, GRADE B.
  - B. ALL FASTENERS SHALL BE GALVANIZED MACHINE BOLTS EXCEPT FOR ANCHOR BOLTS WHICH SHALL CONFORM TO ASTM A307.
  - C. TIMBER
  - WOOD FRAMING
    - A. ALL JOISTS, RAFTERS, BEAMS AND HEADERS 2" TO 4" THICK SHALL BE KD-15 SOUTHERN PINE NO.2 OR BETTER.
    - B. STUDS AND PLATES SHALL BE KD-15 SOUTHERN PINE IN STUD GRADE OR BETTER.
    - C. ALL STRUCTURAL PLYWOOD SHALL BE EXTERIOR GRADE C OR BETTER WITH A MINIMUM SPAN RATING OF 32/16.
  - TRUSS FRAMING - LUMBER SPECIFICATIONS
    - D. TOP AND BOTTOM CHORDS TO BE #2 MC KD SELECT DENSE STRUCTURAL GRADE SOUTHERN PINE.
    - E. WEB MEMBERS TO BE #3 MC KD SELECT DENSE STRUCTURAL GRADE SOUTHERN PINE.
    - F. PROVIDE 2x4 CROSS BRACING OR BRIDGING AT ALL 1/3 POINTS OF THE TRUSS SPAN FOR BOTH TOP AND BOTTOM CHORDS.
    - G. STEEL TRUSS GUSSET PLATE SHALL BE EITHER NAILED OR PRESS-IN TYPE COMPLYING w/STANDARDS OF THE TRUSS PLATE INSTITUTE.
    - H. 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.
- FOUNDATIONS:
  - A REGISTERED PROFESSIONAL GEOTECHNICAL ENGINEER SHALL BE RETAINED TO ASSESS BEARING CAPACITY OF EXISTING SOILS AND TO PROVIDE RECOMMENDATIONS FOR FOUNDATION CONSTRUCTION.
- DIMENSIONS:
  - ALL DIMENSIONS ARE TO EXTERIOR FACE OF STUD 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.
- SHEATHING:
  - A. PROVIDE 1/2" EXTERIOR GRADE PLYWOOD SHEATHING CONTINUOUS OVER EXTERIOR WALLS OF BUILDING.
  - B. ROOF SHEATHING TO BE 5/8" CDX PLYWOOD.
- NAILING PATTERN:
  - A. PLYWOOD TO COMMON STUD WALL - NAIL WITH 10d NAILS 6" O.C. AT ALL JOINTS, AND 12" O.C. AT ALL INTERMEDIATE STUDS.
  - B. PLYWOOD TO ROOF TRUSS (ROOF DECKING) - SEE SHIT. S-4 FOR ROOF NAIL PATTERN.



1 ROOF BEAM PLAN  
S1.1 1/4"=1'-0"

TAG#	SIZE	BEARING HGT.
HEADER 1	(3)2X10 W/ 1/2" PLYWD. SPACER TO MATCH WALL COLUMNS WIDTH.	9'-4" A.F.F.
HEADER 2	(3)2X8 W/ 1/2" PLYWD. SPACER	7'-2" A.F.F.
HEADER 3	(3)2X8 W/ 1/2" PLYWD. SPACER	6'-2" A.F.F.
BEAM #1	5 1/4"X11 7/8" PSL	9'-4" A.F.F.
HEADER 4	-NOT USED	6'-2" A.F.F.

APPLICABLE CODES:  
 BUILDING CODE: 2012 INTERNATIONAL BUILDING CODE  
 PLUMBING CODE: 2012 INTERNATIONAL PLUMBING CODE  
 MECHANICAL CODE: 2012 INTERNATIONAL MECHANICAL CODE  
 ELECTRICAL CODE: 2017 NATIONAL ELECTRICAL CODE  
 ENERGY CODE: 2012 INTERNATIONAL ENERGY CONSERVATION CODE

ACCESSIBILITY: NFPA 101 AND 2012 IBC CH. 11 AND ICC/ANSI 117.1-1998  
 FIRE CODE: 2012 INTERNATIONAL FIRE CODE

METHOD OF DESIGN: DESIGNED PURSUANT TO 2012 INTERNATIONAL BUILDING CODE, SECTION 1609, AND ASCE 7-10

BASIC WIND SPEED:  115 MPH (ULTIMATE DESIGN)

RISK CATEGORY:  0.77 (BUILDING CATEGORY I)  1.00 (BUILDING CATEGORY II)

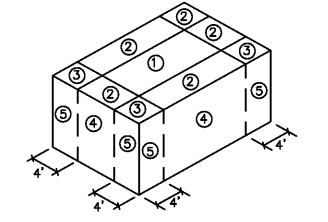
SURFACE ROUGHNESS:  B  C  D

EXPOSURE CATEGORY:  B  C  D

BUILDING CONSTRUCTION TYPE:  
 TYPE I-A  TYPE II-B  TYPE IV  
 TYPE I-B  TYPE III-A  TYPE V-A  
 TYPE II-A  TYPE III-B  TYPE V-B

WINDBORNE DEBRIS REGION:  
 NO  YES  
 IMPACT RESISTANT GLAZING  
 IMPACT RESISTANT COVERING

INTERNAL PRESSURE COEFFICIENTS:  
 0.00 (OPEN)  
 +0.18, -0.18 (ENCLOSED)  
 +0.55, -0.55 (PARTIALLY ENCLOSED)



WINDLOAD DIAGRAM COMPONENTS AND CLADDING PRESSURES:  
 ZONE 1: +13.0/-37.0  
 ZONE 2: +13.0/-43.9  
 ZONE 3: +16.5/-102.2  
 ZONE 4: +30.2/-33.6  
 ZONE 5: +36.2/-45.7

2 DESIGN PARAMETERS  
S1.1 N.T.S.

Order Plans @ WWW.LDOnline.com

ARCHITECTURE  
ENGINEERING

**LIS**

LAND INVESTMENT SERVICES, LLC

2160 Palm Beach Blvd  
Apt. FL 33400  
Palm Beach, FL 33480  
Phone: (335) 983-9829  
Facsimile: (335) 983-9829

ARCHITECT ENGINEER

CLIENT NAME: SOUTHEASTERN RETAIL DEVELOPMENT, LLC

PROJECT NAME: BLDG M-1, UNIT Z31

2050 COUNTY ROAD 30A  
SANTA ROSA BEACH, FL 32459

LOUISIANA REGISTERED PROFESSIONAL ENGINEER

POPEYES

PROJECT NAME: POPEYES

PLK 1930-28-DL SAILORMEN

501 N HWY 49  
BRYCON, GA 31088

SHEET TITLE: FRAMING PLAN

SEAL

ROBERT W. CASE  
GEORGIA P.E. #20594

RELEASE	DATE
1	
2	
3	
4	
5	
6	

PROJECT NO: 2020-085

ISSUE DATE: 05/07/20

DRAWN: GM | CHECKED: RC

SHEET NO: S1.1  
FRAMING PLAN

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