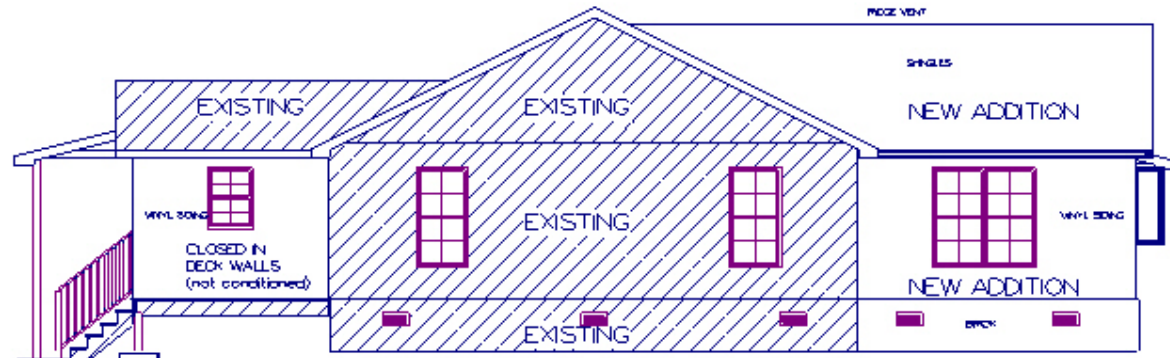


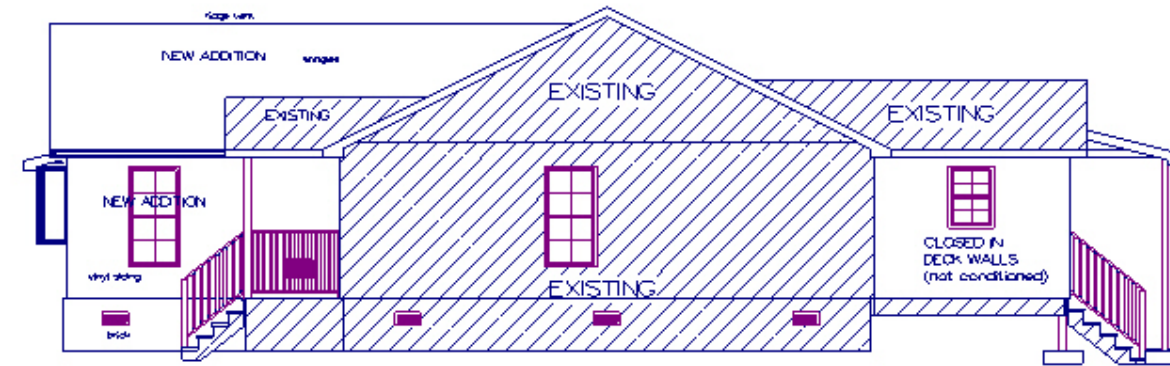
FRONT ELEVATION



LEFT ELEVATION



REAR ELEVATION



RIGHT ELEVATION

DATE	6/25/21
REVISION	
DRAWING#	MACON
SCALE	1/8" = 1'-0"
DRAWN BY	MLJ
APPROVED	
Builder:	Marshall Johnson Construction, Inc. 283 Banner Elk Rd Benson, NC 27504 License # 55274
Owner:	Howard Macon 1373 Earnest Brown Rd Lillington, NC 27546
These plans conform to:	NC Residential Code 2012 Edition

ENERGY DETAILS
 Energy Compliance (Per Chapter 11)
 For Climate zone 3A
 (3) Windows @ 137 sqft. = 411 sqft
 (2) Window @ 8 sqft = 16 sqft
 (1) Window @ 16 sqft = 16 sqft
 Total 731 sqft
 Wall area = 416 sqft
 731/416 = 176% of wall area

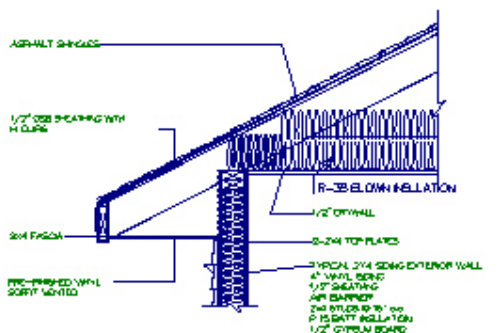
Floors R-10 batts
 Walls R-10 batts
 Ceilings R-38 blown

U-factor	SAC	D Rating
Windows .34	23	50

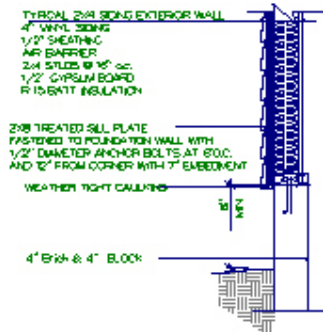
R-values
 Walls R-15
 Ceiling R-38
 Floors R-19

All load bearing exterior window headers with a maximum span of 5'-6" should be a (2) 2x10 w/ (1) 2x4 king stud and (1) 2x4 jack stud nailed together w/ (2) 10d @ 8" O.C.

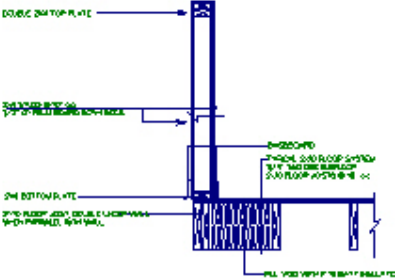
All exterior walls shall have continuous wood structural panel sheathing 7/16" thick and nailed with 8d @ 6" along edges and 12" at intermediate supports to 2x4 studs @ 16" O.C. per Table R602.3(3)



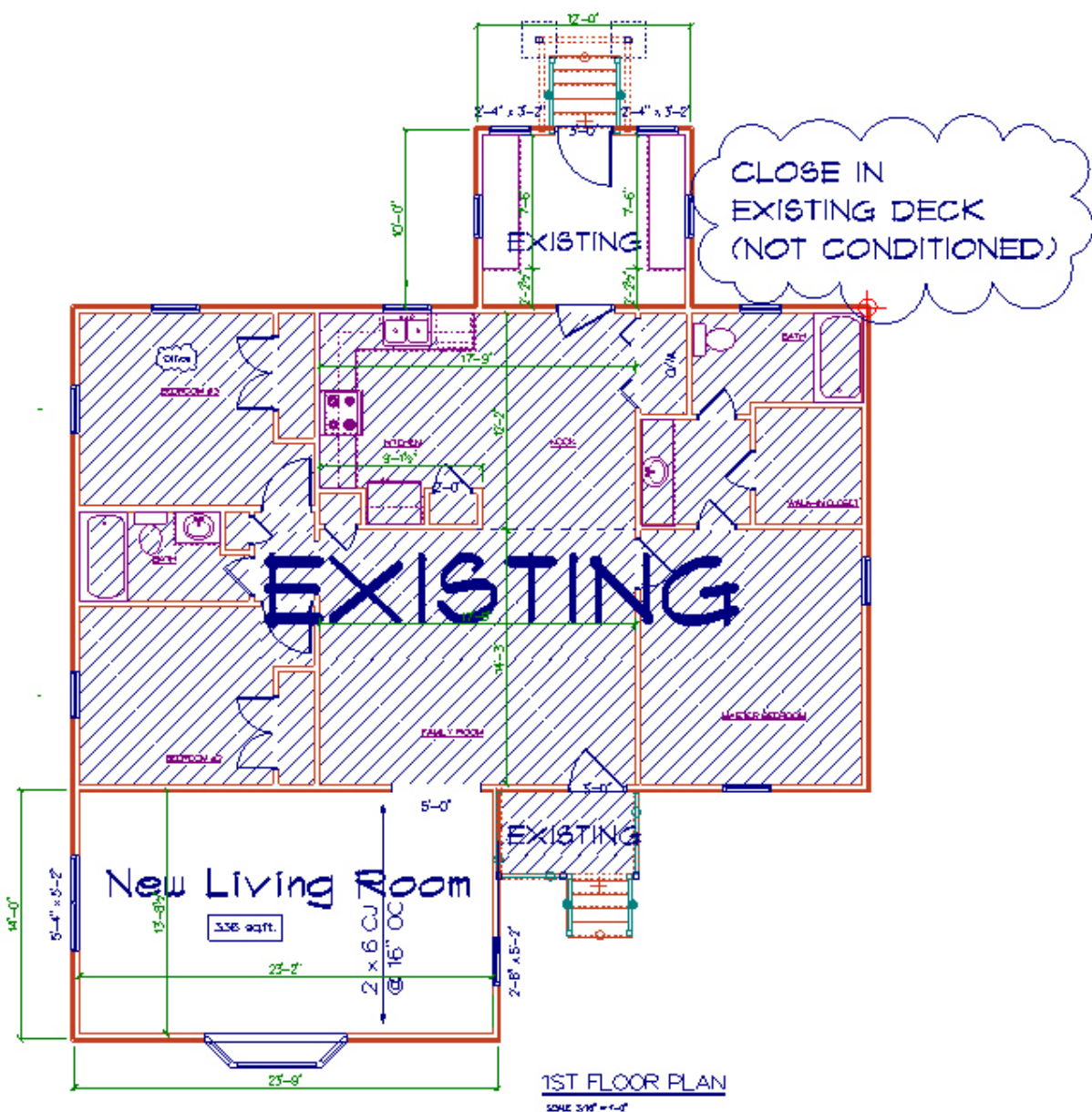
cross section of exterior wall



cross section of exterior wall



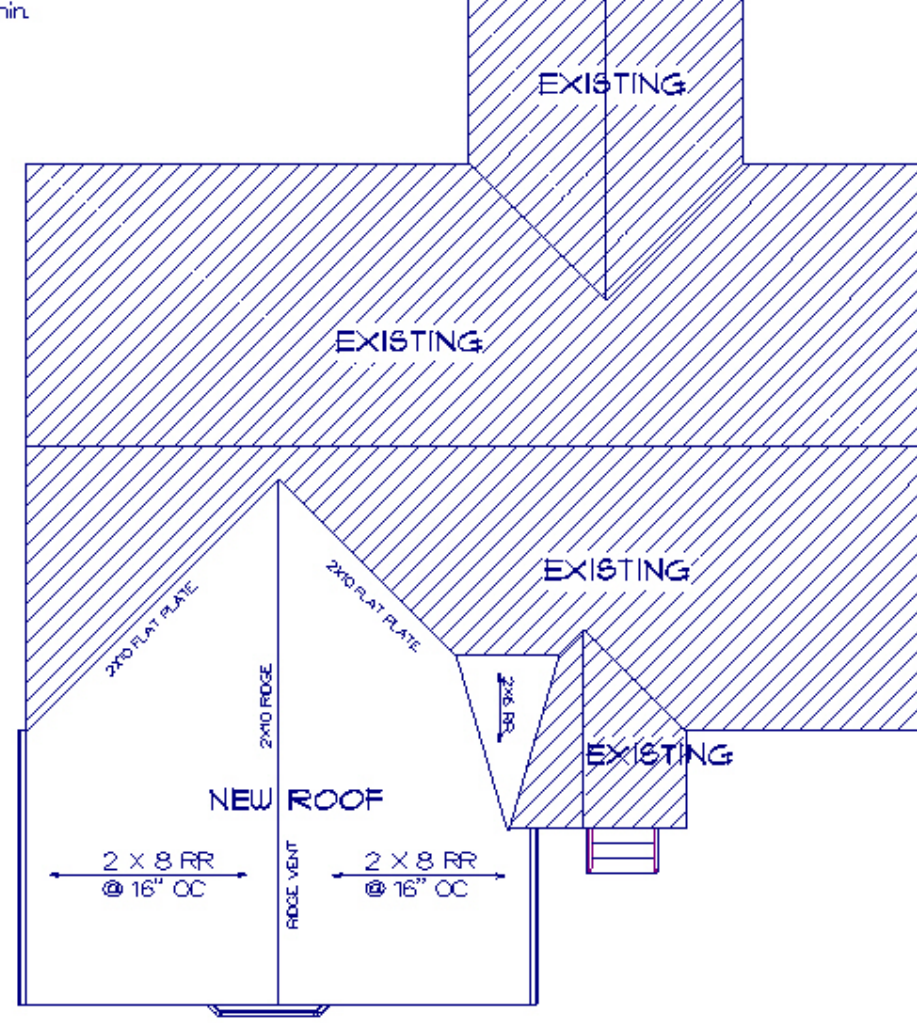
CROSS SECTION INTERIOR WALL



1ST FLOOR PLAN
 SCALE 3/8" = 1'-0"

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							APPROVED:		REVIEWED:	

Attic Ventilation:
 $336 \text{ sq.ft.} / 300 = 1.12 \text{ sq.ft. inlet and outlet}$
 inlet: $.125 \text{ sq.ft. per 52 linft. of 3" soffit vent} = 6.5 \text{ sq.ft. of vent. min.}$
 outlet: $.125 \text{ sq.ft. per 1inft ridge vent} \times 26 \text{ linft} = 3.25 \text{ sq.ft. of vent. min.}$



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SCALE 1/8" = 1'-0"
 DRAWN BY MLJ
 APPROVED

DATE 6/25/21

REVISION

DRAWING# MACON