



IRC 2015
WFCM
80 MPH WIND SPEED
DESIGN MEETS THE PRESCRIPTIVE
ENERGY CODE REQUIREMENTS
CLIMATE ZONE: 2
MANUAL J CALCULATIONS BY OTHERS

RESIDENCE IS NOT LOCATED IN A WINDBORNE DEBRIS PROTECTION REGION

THERMAL COMPONENT CRITERIA (U-FACTOR AND R-VALUE)
(MAX. SHGC = 0.40 FOR GLAZING)

MAXIMUM GLAZING (PENETRATION) U-FACTOR	MIN INSULATION R-VALUE		
	CEILINGS	WALLS	FLOORS
0.15	R-50	R-15	R-15

FURR OUT 2x RAFTERS AS REQUIRED FOR BATT INSULATION AT CATHEDRAL CEILINGS OR USE SPRAYED FOAM INSULATION IF ACCEPTABLE.

- NOTES**
- CONTRACTOR SHALL SELECT WINDOW & DOOR PRODUCTS MEETING THE ENERGY EFFICIENCY REQUIREMENTS OF THE BUILDING CODE (BASED ON IRC 2015 CLIMATE ZONE 2 - U-FACTOR-0.15 MAX. SHGC-0.40 MAX)
 - CONTRACTOR SHALL SELECT WINDOW & DOOR PRODUCTS MEETING WIND DESIGN PRESSURE REQUIREMENTS OF R301.3 (GARAGE DOOR SHALL BE RATED TO MEET WIND LIMITATIONS AS PER R 302.2)
 - PER R301.1 DOORS BETWEEN GARAGE & RESIDENCE SHALL BE 20-MINUTE FIRE RATED DOORS INCLUDING ATTIC STAIRS
 - SAFETY GLAZING (TEMPERED GLASS) IS REQUIRED AT LOCATIONS IDENTIFIED IN R308.4 (EX. GLAZING WITHIN 24" OF DOORS & OVER TIRRS)
 - PER R309.2 GARAGE SHALL BE SEPARATED FROM RESIDENCE BY NOT LESS THAN 1/2" GYPSUM BOARD APPLIED TO THE GARAGE SIDE. GARAGES BENEATH HABITABLE ROOMS ABOVE SHALL BE SEPARATED BY NOT LESS THAN 5/8" TYPE X GYPSUM BOARD OR EQUIVALENT.
 - RAIL INDICATES GUARD RAIL AT PORCHES & GUARDRAIL WITH HANDRAIL AT STAIRS

WINDOW SCHEDULE

MARK	DESCRIPTION	HDR
AA	3080 VINYL FIXED	8'-3"
BB	3080 VINYL SH	8'-3"
CC	3040 VINYL SH	8'-0"
DD	5040 VINYL FIXED	8'-0"
EE	3060 VINYL SH	8'-0"
FF	2040 VINYL SH	8'-0"
GG	3050 VINYL SH	7'-0"

DOOR SCHEDULE

MARK	WIDTH	HEIGHT	THICK.	DESCRIPTION
1	3'-0"	8'-0"	1 3/4"	SEE ELEVATION
2	3'-0"	8'-0"	1 3/8"	RAISED PANEL INTERIOR
3	2'-8"	8'-0"	1 3/8"	RAISED PANEL INTERIOR
4	2'-4"	8'-0"	1 3/8"	RAISED PANEL INTERIOR
5	2'-4"	8'-0"	1 3/8"	RAISED PANEL POCKET
6	3'-0"	8'-0"	1 3/8"	FR. 1680 RAISED PANEL INT.
7	3'-0"	8'-0"	1 3/8"	BARN DOOR
8	3'-6"	8'-0"	1 3/8"	1 LT 2 PANEL EXTERIOR
9	2'-8"	6'-8"	1 3/8"	RAISED PANEL INTERIOR
10	2'-4"	6'-8"	1 3/8"	RAISED PANEL INTERIOR
11	2'-0"	6'-8"	1 3/8"	RAISED PANEL INTERIOR
12	2'-4"	6'-8"	1 3/8"	RAISED PANEL POCKET
13	2'-8"	6'-8"	1 3/4"	RAISED PANEL EXTERIOR
14	3'-0"	6'-8"	1 3/4"	RAISED PANEL EXTERIOR
15	2'-4"	6'-8"	1 3/4"	RAISED PANEL EXTERIOR
16	3'-0"	8'-0"	1 3/8"	RAISED PANEL POCKET
17	9'-0"	8'-0"	--	GARAGE DOOR

1ST LEVEL FLOOR PLAN

AREA

1ST LEVEL LIVING AREA	1825
2ND LEVEL LIVING AREA	895
TOTAL LIVING AREA	2720
FRONT PORCH	312
REAR SIDE PORCH	607
TOTAL AREA UNDER B'M	3639
GROUND LEVEL AREA	2744

PLANS FOR:
KENNY AND MICHELLE OTLUO
425 CARROLL ST.
MANDEVILLE, LA

DesignTech Residential Planners, Inc.
:MN_XHDPE::MN_ZNDPE::MN_PLDPE

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DATE: 2-14-19

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CODE	LIVING	AREA U. B.	INDEX
B3	2720	3639	11724
DESIGNED BY	FINISHED BY	CHECKED BY	
RJH	JWM	~	

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