



1ST LEVEL FLOOR PLAN  
SCALE 1/4" = 1'-0"

IRC 2021  
WFCM  
ECC 2021  
NEC 2020  
140 MPH WIND SPEED  
EXPOSURE B  
DESIGN MEETS THE PRESCRIPTIVE  
ENERGY CODE REQUIREMENTS  
CLIMATE ZONE: 2  
MANUAL J CALCULATIONS BY OTHERS



CABINET ELEVATIONS  
SCALE 1/4" = 1'-0"

AREA	
1ST LEVEL LIVING AREA	2120
2ND LEVEL LIVING AREA	767
TOTAL LIVING AREA	2887
GARAGE	N/A
PORCHES	527
TOTAL AREA UNDER B/M	3414
GROUND LEVEL	2469

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RESIDENCE IS LOCATED IN A WINDBORNE DEBRIS PROTECTION REGION

THERMAL COMPONENT CRITERIA (U-FACTOR AND R-VALUE) (MAX. SHGC = 0.25 FOR GLAZING)			
MAXIMUM GLAZING PENETRATION U-FACTOR	MIN INSULATION R-VALUE		
	CLGS.	WALLS	FLOORS
0.40	R-38	R-13	R-13

R-8 DUCT INSULATION  
ATTIC ACCESS INSULATED  
INSULATE HOT & COLD WATERLINE IN UNCONDITIONED ATTIC AND CRAWLSPACES.  
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 2021 CLIMATE ZONE 2 - U-FACTOR-040 MAX. SHGC-025 MAX)
  - CONTRACTOR SHALL SELECT WINDOW & DOOR PRODUCTS MEETING WIND DESIGN PRESSURE REQUIREMENTS OF RB33 (GARAGE DOOR SHALL BE RATED TO MEET WIND LIMITATIONS AS PER R 3032)
  - PER R3091 DOORS BETWEEN GARAGE & RESIDENCE SHALL BE 20-MINUTE FIRE RATED DOORS (INCLUDING ATTIC STAIRS). ALSO PER R302.5 SELF CLOSING.
  - SAFETY GLAZING (TEMPERED GLASS) IS REQUIRED AT LOCATIONS IDENTIFIED IN R308.4 (EX. GLAZING WITHIN 24" OF DOORS & OVER TUBS)
  - PER R307.2 GARAGE SHALL BE SEPARATED FROM RESIDENCE BY NOT LESS THAN 1/2" GYPSUM BOARD APPLIED TO THE GARAGE SIDE OF WALLS AND CEILING. GARAGES BENEATH HABITABLE ROOMS ABOVE SHALL BE SEPARATE BY NOT LESS THAN 5/8" TYPE X GYPSUM BOARD OR EQUIVALENT.
  - RAIL INDICATES GUARD RAIL AT PORCHES & GUARDRAIL WITH HANDRAIL AT STAIRS
  - OPENING IN THE RESIDENCE SHALL BE PROTECTED BY 20 MIN RATED DOORS.
  - IF REQUIRED ATTIC ACCESS (IRC-R807) IS LOCATED IN THE GARAGE, THE REQUIRED 1/2" GYPSUM WILL BE APPLIED TO CEILING AND DROP DOWN STAIR MUST BE 20 MIN RATED.
- PROTECTION OF APPLIANCE IN GARAGE IS REQUIRED.

WINDOW SCHEDULE

\*\* ALL WINDOWS ARE IMPACT GLASS WINDOWS \*\*

MARK	DESCRIPTION	HDR
AA	3060 VINYL SH.	8'-0"
BB	2-3060 VINYL SH.	8'-0"
CC	4020 VINYL FIXED GLASS	8'-0"
DD	5040 VINYL FIXED TEMPERED GLASS	8'-0"
EE	3060 CASEMENT	8'-0"
FF	5060 VINYL FIXED TEMPERED GLASS	8'-0"
GG	4060 VINYL FIXED TEMPERED GLASS	8'-0"
HH	2040 CASEMENT	8'-0"
II	3056 VINYL SH.	8'-0"
JJ	3056 VINYL SH. TEMPERED	8'-0"
KK	3056 CASEMENT	8'-0"

DOOR SCHEDULE

MARK	WIDTH	HEIGHT	THICK.	DESCRIPTION
1	6'-0"	8'-0"	1 3/4"	SEE ELEVATION
2	3'-0"	8'-0"	1 3/8"	RAISED PANEL INTERIOR
3	2'-4"	8'-0"	1 3/8"	RAISED PANEL INTERIOR
4	1'-6"	8'-0"	1 3/8"	RAISED PANEL INTERIOR
5	3'-0"	8'-0"	1 3/8"	PR. 1680 RAISED PANEL INT.
6	3'-0"	8'-0"	1 3/8"	RAISED PANEL POCKET
7	2'-8"	6'-8"	1 3/8"	RAISED PANEL INTERIOR
8	2'-4"	6'-8"	1 3/8"	RAISED PANEL INTERIOR
9	1'-6"	6'-8"	1 3/8"	RAISED PANEL INTERIOR
10	4'-0"	6'-8"	1 3/8"	PR. 1668 RAISED PANEL INT.
11	2'-8"	6'-8"	1 3/4"	RAISED PANEL EXTERIOR
12	3'-6"	8'-0"	1 3/4"	1 LT. FRENCH EXTERIOR
13	3'-0"	6'-8"	1 3/4"	RAISED PANEL EXTERIOR
14	3'-0"	6'-8"	1 3/4"	SELF LATCHING & SELF CLOSING

1ST LEVEL FLOOR PLAN

PLANS FOR:  
JAY & WENDY BADEAUX  
218 MARLIN DRIVE, RIGOLETS ESTATES S/D  
ST. TAMMANY PARISH, LA

HOUSE PLANS by  
**DesignTech**  
OF LOUISIANA, LLC  
St. Tammany Parish, LA.  
SLIDELL 985-847-0600

DATE: 5-23-25

CODE	LIVING	AREA U. B.	INDEX
C4	2887	3414	1339

DESIGNED BY DMH  
FINISHED BY JMC  
CHECKED BY ~~~  
SHEET SIZE: 24" X 36"  
INDEX: A-1

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