



IRC 2021  
 WFCM  
 140 MPH WIND SPEED  
 EXPOSURE: B  
 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 = 0.35 FOR GLAZINGS)

MAXIMUM GLAZING (PENETRATION) U-FACTOR CLASS	MIN. INSULATION R-VALUE		
	CLGS.	WALLS	FLOORS
0.15	R-30	R-13	R-13

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-0.15 MAX. SHGC-0.40 MAX.)
  - CONTRACTOR SHALL SELECT WINDOW & DOOR PRODUCTS MEETING WIND DESIGN PRESSURE REQUIREMENTS OF R603 (GARAGE DOOR SHALL BE RATED TO MEET WIND LIMITATIONS AS PER R 3012D)
  - PER R3011 DOORS BETWEEN GARAGE & RESIDENCE SHALL BE 20-MINUTE FIRE RATED DOORS (INCLUDING ATTIC STAIRS). ALSO PER R3025.1 SELF CLOSING.
  - SAFETY GLAZING (TEMPERED GLASS) IS REQUIRED AT LOCATIONS IDENTIFIED IN R508.4 EX. GLAZING WITHIN 24" OF DOORS & OVER TUBS)
  - PER R309.2 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-R907) 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**

MARK	DESCRIPTION	HDR
AA	2040 SH.	8'-0"
BB	3060 SH.	8'-0"
CC	3040 SH.	8'-0"
DD	3056 FIXED GLASS	8'-0"
EE	2040 SH. TEMPERED	8'-0"

**DOOR SCHEDULE**

MARK	WIDTH	HEIGHT	THICK.	DESCRIPTION
1	3'-0"	8'-0"	1 3/4"	1 LT. FRENCH EXTERIOR
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	1'-6"	8'-0"	1 3/8"	RAISED PANEL INTERIOR
6	6'-0"	8'-0"	1 3/8"	FR. 3080 RAISED PANEL INT.
7	2'-8"	8'-0"	1 3/8"	RAISED PANEL EXTERIOR

**MAIN LEVEL FLOOR PLAN**

PLANS FOR:  
 DUNG TRAN  
 LOT 1-A, SQ. 16, BLUE HAVEN S/D,  
 ST. TAMMANY PARISH, LA

**AREA**

MAIN LEVEL LIVING AREA	1493
UPPER LEVEL LIVING AREA	307
PORCHES	1800
GARAGE	UNDER HOUSE
PORCHES	559
TOTAL AREA UNDER B/M	2359

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

DATE: 7-17-23

CODE	LIVING	AREA U. B.	INDEX
A3	1800	2359	13026

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DESIGNED BY	FINISHED BY	CHECKED BY	SHEET SIZE
DMH	JMC	~	24" X 36"

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