

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

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 0.40	MIN. INSULATION R-VALUE		
	CLGS.	WALLS	FLOORS
	R-38	R-13	R-5

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-0.40 MAX. SHGC-0.25 MAX.)
 - CONTRACTOR SHALL SELECT WINDOW & DOOR PRODUCTS MEETING WIND DESIGN PRESSURE REQUIREMENTS OF R303.3 GARAGE DOOR SHALL BE RATED TO MEET WIND LIMITATIONS AS PER R 302.2
 - PER R309.1 DOORS BETWEEN GARAGE & RESIDENCE SHALL BE 20-MINUTE FIRE RATED DOORS (INCLUDING ATTIC STAIRS). ALSO PER R302.5.1 SELF CLOSING.
 - SAFETY GLAZING (TEMPERED GLASS) IS REQUIRED AT LOCATIONS IDENTIFIED IN R308.4 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 SEPARATED 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 SHALL BE APPLIED TO CEILING AND DROP DOWN STAIR MUST BE 20 MIN. RATED.
- PROTECTION OF APPLIANCE IN GARAGE IS REQUIRED.

**WINDOW SCHEDULE
ALL WINDOWS HURRICANE IMPACT GLASS**

MARK	DESCRIPTION	HDR
AA	3066 VINYL SH. W/ BAHAMA SHUTTERS	8'-0"
BB	3060 VINYL SH. W/ BAHAMA SHUTTERS	8'-0"
CC	2050 FIXED GLASS	8'-0"
DD	4060 VINYL FIXED GLASS	8'-0"
EE	3060 VINYL SH.	8'-0"
FF	4010 VINYL FIXED GLASS	8'-0"
GG	3060 VINYL SH. W/ BAHAMA SHUTTERS	7'-6"
HH	5040 VINYL FIXED GLASS	8'-0"

DOOR SCHEDULE

MARK	WIDTH	HEIGHT	THICK.	DESCRIPTION
1	3'-0"	6'-8"	1 3/4"	SEE ELEVATION
2	3'-0"	6'-8"	1 3/8"	RAISED PANEL INTERIOR
3	2'-8"	6'-8"	1 3/8"	RAISED PANEL INTERIOR
4	2'-4"	6'-8"	1 3/8"	RAISED PANEL INTERIOR
5	1'-6"	6'-8"	1 3/8"	RAISED PANEL INTERIOR
6	4'-0"	6'-8"	1 3/8"	PR. 2080 RAISED PANEL INT.
7	2'-8"	6'-8"	1 3/8"	PR. 1480 RAISED PANEL INT.
8	3'-4"	6'-8"	1 3/8"	BARN DOOR
9	3'-0"	6'-8"	1 3/4"	4 LT / 2 PANEL EXTERIOR
10	2'-8"	6'-8"	1 3/8"	RAISED PANEL EXTERIOR
11	3'-0"	8'-0"	1 3/4"	1 LT FRENCH EXTERIOR

1ST LEVEL FLOOR PLAN

PLANS FOR:
ZACHARY PICCIOTTA
LOTS 9,10,11, BELLE ISLE S/D.
HANCOCK COUNTY, MS

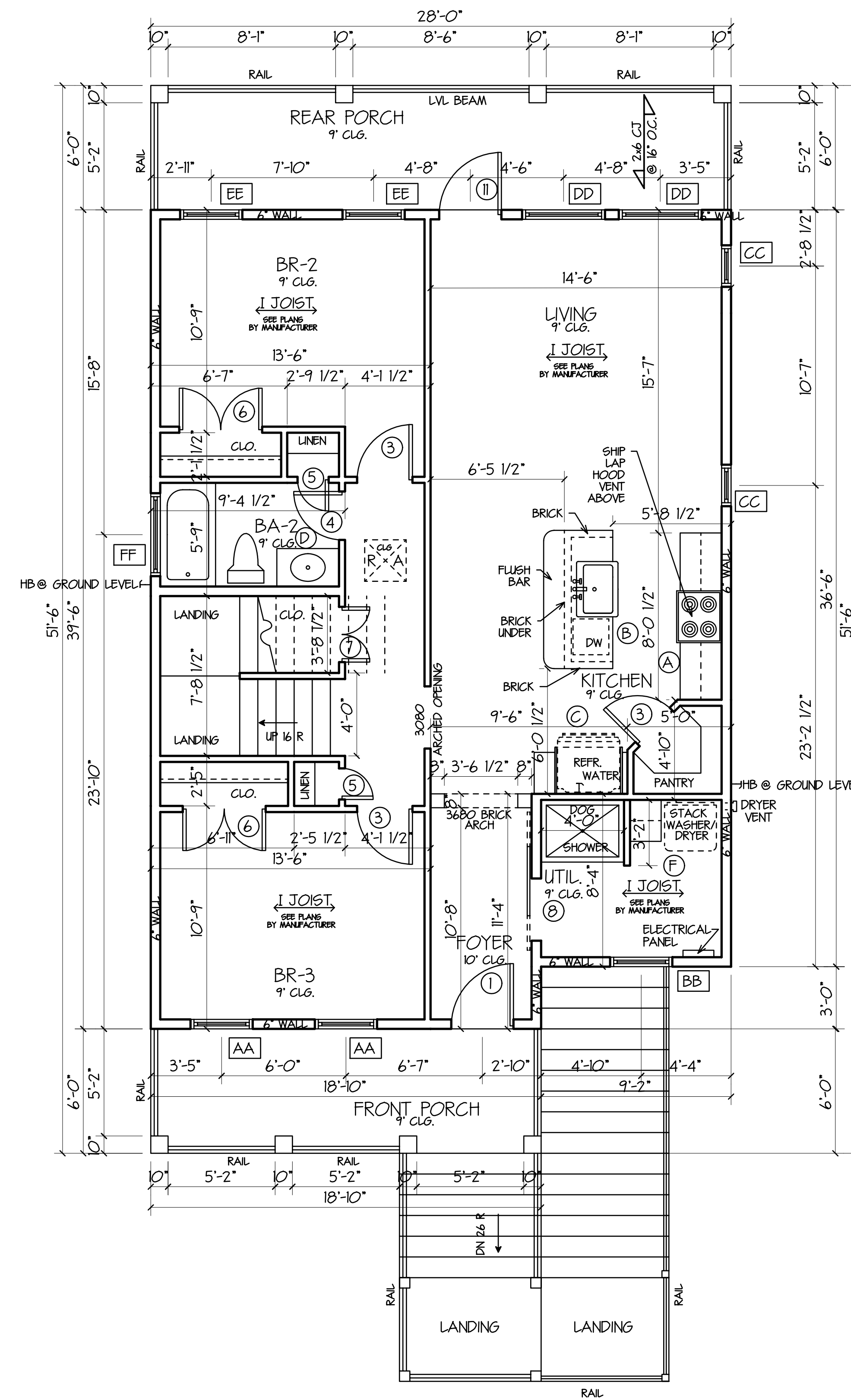
HOUSE PLANS by
DesignTech
OF LOUISIANA, LLC
St. Tammany Parish, L.A.
SLIDELL 985-847-0600

CODE	LIVING	AREA U. B.	INDEX
C3	1582	1976	13246

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

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



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

AREA

1ST LEVEL LIVING AREA	1078
2ND LEVEL LIVING AREA	504
TOTAL LIVING AREA	1582
GARAGE	N/A
PORCHES	394
TOTAL AREA UNDER B'M	1976
GROUND LEVEL FLOOR	1358

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