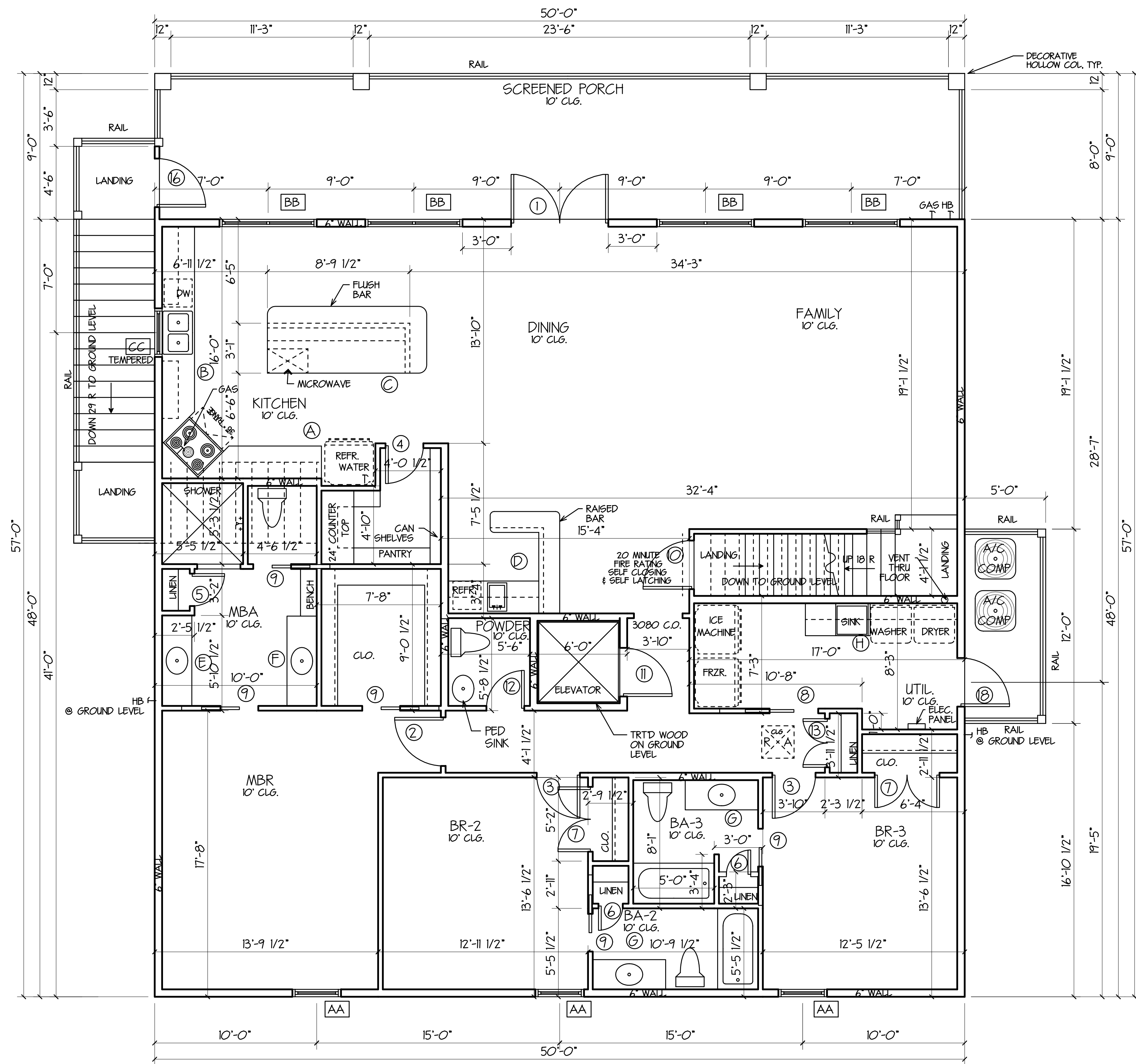


IRC 2021
WFCM
ECC 2021
NEC 2020
40 MPH WIND SPEED
EXPOSURE C
DESIGN MEETS THE PRESCRIPTIVE
ENERGY CODE REQUIREMENTS
CLIMATE ZONE 2
MANUAL J CALCULATIONS BY OTHERS



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	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 CRAWSPACES.
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 R603 (GARAGE DOOR SHALL BE RATED TO MEET WIND LIMITATIONS AS PER R 3022)
 - PER R3091 DOORS BETWEEN GARAGE & RESIDENCE SHALL BE 20-MINUTE FIRE RATED DOORS (INCLUDING ATTIC STAIRS). ALSO PER R302.51 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
 - OPENINGS 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 IMPACT GLASS WINDOWS **

MARK	DESCRIPTION	HDR
AA	3060 VINYL SH.	8'-0"
BB	FR. 3060 VINYL SH.	8'-0"
CC	3040 VINYL SH. TEMPERED	8'-0"
DD	3050 VINYL SH.	8'-0"

DOOR SCHEDULE

MARK	WIDTH	HEIGHT	THICK	DESCRIPTION
1	6'-0"	8'-0"	1 3/4"	FR. 3080 1 LT. FRENCH EXT.
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"	8'-0"	1 3/8"	RAISED PANEL INTERIOR
5	2'-0"	6'-8"	1 3/8"	RAISED PANEL INTERIOR
6	1'-6"	6'-8"	1 3/8"	RAISED PANEL INTERIOR
7	4'-0"	6'-8"	1 3/8"	FR. 2068 RAISED PANEL INT.
8	3'-0"	6'-8"	1 3/8"	RAISED PANEL POCKET
9	2'-4"	6'-8"	1 3/8"	RAISED PANEL POCKET
10	3'-0"	6'-8"	1 3/4"	RAISED PANEL EXTERIOR
				SELF CLOSING & SELF LATCHING
11	3'-0"	6'-8"	1 3/4"	RAISED PANEL EXTERIOR
12	2'-4"	6'-8"	1 3/8"	RAISED PANEL INTERIOR
13	3'-0"	6'-8"	1 3/4"	FR. 1668 RAISED PANEL INT.
14	2'-8"	6'-8"	1 3/4"	RAISED PANEL EXTERIOR
15	2'-6"	6'-8"	1 3/4"	RAISED PANEL EXTERIOR
16	3'-0"	8'-0"	1 3/4"	SCREENED DOOR EXTERIOR
17	9'-0"	8'-0"	-	OH GARAGE 140 MPH RATED
18	3'-0"	6'-8"	1 3/4"	1 LT. / 2 PANEL EXTERIOR

1ST LEVEL FLOOR PLAN

PLANS FOR:
DOUG & TINA FARGE
LOT 5, POINT CARR S/D.
ST. TAMMANY PARISH, LA

DesignTech Residential Planners, Inc.
St. Tammany Parish, LA.
COVINGTON 985-871-7211 SLIDELL 985-847-0600

CODE	LIVING	AREA U. B.	INDEX
B4	3029	3479	1312

DESIGNED BY DMH
FINISHED BY JTB
CHECKED BY DMH

DATE: 1-15-25

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EMAIL: houseplans@designtechusa.com

1ST LEVEL LIVING AREA	2400
2ND LEVEL LIVING AREA	629
TOTAL LIVING AREA	3029
GARAGE	N/A
PORCHES	450
TOTAL AREA UNDER B'M	3479

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