

IRC 2021  
 WFCM  
 ECC 2021  
 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 = 0.25 FOR GLAZING)

| MAXIMUM GLAZING<br>(PENETRATION)<br>U-FACTOR | MIN. INSULATION R-VALUE |       |        |
|--|-------------------------|-------|--------|
|  | CELS.                   | 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 CEILING 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 R301.3 GARAGE DOOR SHALL BE RATED TO MEET WIND LIMITATIONS AS PER R 301.2.1
  - PER R301.1 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 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 SHALL 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   | 3050 VINYL SH.         | 7'-0" |
| BB   | 3040 VINYL SH.         | 7'-0" |
| CC   | 4020 VINYL FIXED GLASS | 7'-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    | 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" | PR. 2080 RAISED PANEL INT. |
| 8    | 5'-0" | 6'-8"  | 1 3/8" | BI-FOLD                    |
| 9    | 3'-0" | 6'-8"  | 1 3/4" | RAISED PANEL EXTERIOR      |

**FLOOR PLAN**

PLANS FOR:  
 STEVE DOUGLAS  
 139 PINE STREET  
 ST. TAMMANY PARISH, LA

| AREA                 |      |
|----------------------|------|
| LIVING AREA          | 1274 |
| CARPORT & STORAGE    | 428  |
| PORCHES              | 104  |
| TOTAL AREA UNDER B'M | 1806 |

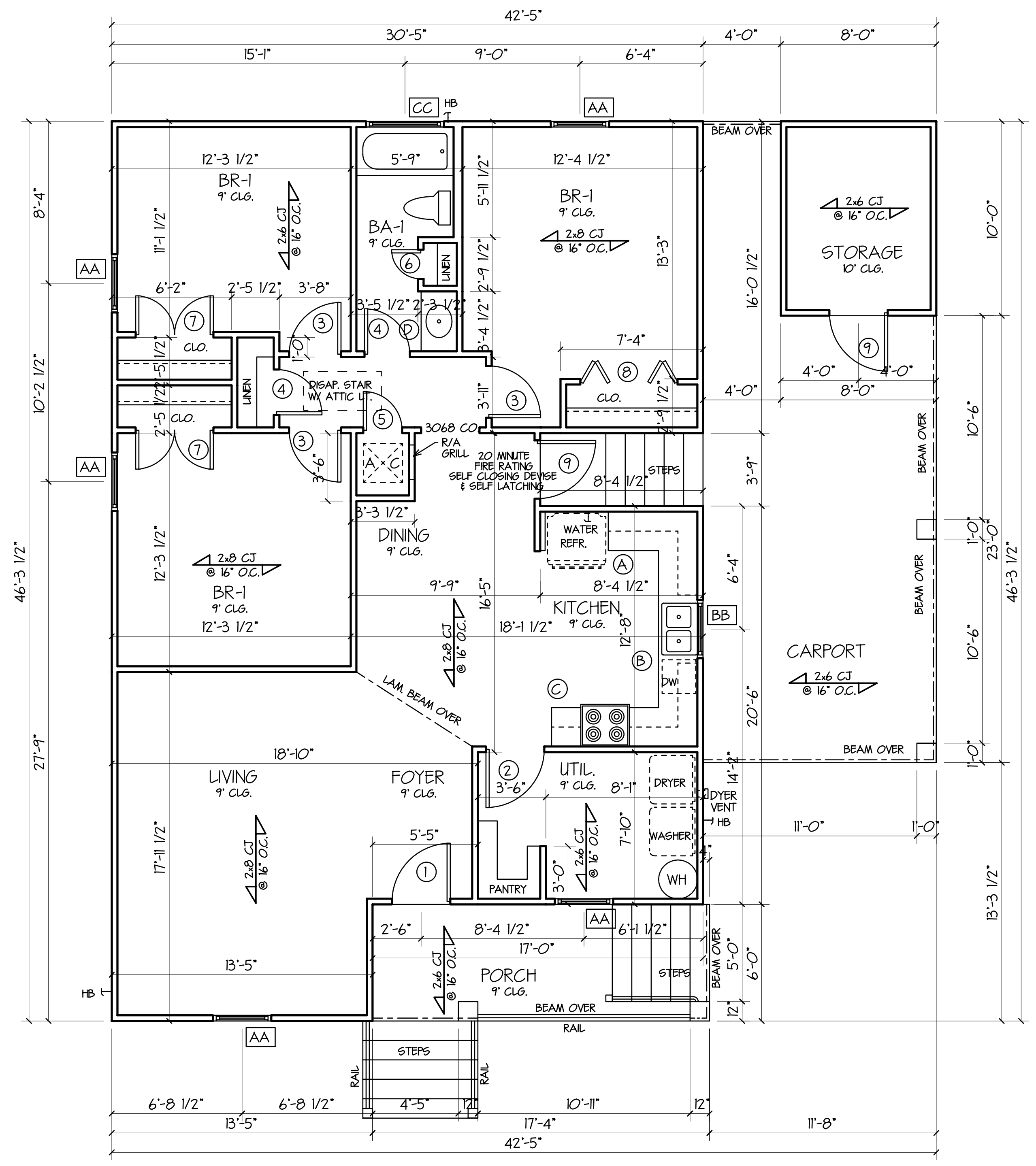
HOUSE PLANS by  
**DesignTech**  
 OF LOUISIANA, LLC  
 St. Tammany Parish, LA.  
 SLIDELL 985-847-0600

DATE  
 7-29-24

| CODE | LIVING | AREA U. B. | INDEX |
|------|--------|------------|-------|
| A3   | 1274   | 1806       | 13149 |

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

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**FLOOR PLAN**  
 SCALE 1/4"=1'-0"  
 \*\* JOB VERIFY ALL DIMENSIONS \*\*



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

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