



ROOF PLAN  
SCALE 1/4" = 1'-0"

**IRC REQUIREMENTS FOR ROOF ASSEMBLIES**

R105.10 METAL ROOF PANELS: THE INSTALLATION OF METAL ROOF PANELS SHALL COMPLY WITH THE PROVISIONS OF THIS SECTION.

R105.10.1 DECK REQUIREMENTS: METAL ROOF PANEL ROOF COVERINGS SHALL BE AFFLIED TO SOLID OR SPACED SHEATHING, EXCEPT WHERE THE ROOF COVERING IS SPECIFICALLY DESIGNED TO BE AFFLIED TO SPACED SUPPORTS.

R105.10.2 SLOPE: MINIMUM SLOPES FOR METAL ROOF PANELS SHALL COMPLY WITH THE FOLLOWING:

1. THE MINIMUM SLOPE FOR LAPPED, NONSOLDERED-SEAM METAL ROOFS WITHOUT APPLIED LAP SEALANT SHALL BE THREE UNITS VERTICAL IN 12 UNITS HORIZONTAL (25-PERCENT SLOPE).
2. THE MINIMUM SLOPE FOR LAPPED, NONSOLDERED-SEAM METAL ROOFS WITH APPLIED LAP SEALANT SHALL BE ONE-HALF VERTICAL UNIT IN 12 UNITS HORIZONTAL (4-PERCENT SLOPE). LAP SEALANTS SHALL BE APPLIED IN ACCORDANCE WITH THE APPROVED MANUFACTURER'S INSTALLATION INSTRUCTIONS.
3. THE MINIMUM SLOPE FOR STANDING-SEAM ROOF SYSTEMS SHALL BE ONE-QUARTER UNIT VERTICAL IN 12 UNITS HORIZONTAL (2-PERCENT SLOPE).

R105.10.3 MATERIAL STANDARDS: METAL-SHEET ROOF COVERING SYSTEMS THAT INCORPORATE SUPPORTING STRUCTURAL MEMBERS SHALL BE DESIGNED IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE. METAL-SHEET ROOF COVERINGS INSTALLED OVER STRUCTURAL DECKING SHALL COMPLY WITH TABLE R105.10.3(1). THE MATERIALS USED FOR METAL-SHEET ROOF COVERINGS SHALL BE NATURALLY CORROSION RESISTANT OR PROVIDED WITH CORROSION RESISTANCE IN ACCORDANCE WITH THE STANDARDS AND MINIMUM THICKNESSES SHOWN IN TABLE R105.10.3(2).

R105.10.4 ATTACHMENT: METAL ROOF PANELS SHALL BE SECURED TO THE SUPPORTS IN ACCORDANCE WITH THIS CHAPTER AND THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. IN THE ABSENCE OF MANUFACTURER'S INSTRUCTIONS, THE FOLLOWING FASTENERS SHALL BE USED:

1. GALVANIZED FASTENERS SHALL BE USED FOR STEEL ROOFS.
2. THREE HUNDRED SERIES STAINLESS STEEL FASTENERS SHALL BE USED FOR COPPER ROOFS.
3. STAINLESS STEEL FASTENERS ARE ACCEPTABLE FOR METAL ROOFS.

**ROOFING NOTES**

1. ALL ROOF SHEATHING SHALL BE 15/32" EXPOSURE 1, 24/12 APA RATED PANELS, FASTEN WITH 8D NAILS AT 6" O.C. AT ALL FRAMING MEMBERS.
2. METAL ROOF SHALL BE INSTALLED PER MANUF. SPECS. & RECOMMENDATIONS.
3. LOCATE WATER HEATER IN ATTIC OVER A WALL OR WITHIN 12 INCHES OF A WALL.
4. ROOF BRACING SUPPORT RAFTERS AS REQUIRED TO LIMIT SPANS PER NOTES ON DWG. S-O WITH PURLINS OF EQUAL SIZE AS RAFTERS SUPPORT PURLINS WITH 2x BRACING AT 4FT MAX SPACING. NOT ALL PURLING & BRACING SHOWN.

**ROOF PLAN**

PLANS FOR:  
BRAD BAHAM  
.260 ACRES ON N. PINE ST.  
TANGIPAHOA PARISH, LA

**DesignTech** DATE  
10-5-16  
**Residential Planners, Inc.**  
**St. Tammany Parish, LA.**  
COVINGTON 985-871-7211 SLIDELL 985-847-0600

CODE	LIVING	AREA U.S.	INDEX
C3	1911	2343	10970

DESIGNED BY	DESIGNED BY	DATE
KGW	KGW	RJH

A-5

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