



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

**RC REQUIREMENTS FOR ROOF ASSEMBLIES**

RC5010 METAL ROOF PANELS: THE INSTALLATION OF METAL ROOF PANELS SHALL COMPLY WITH THE PROVISIONS OF THIS SECTION.

RC5020 DECK REQUIREMENTS: METAL ROOF PANEL ROOF COVERINGS SHALL BE APPLIED TO SOLID OR SPACED SHEATHING, EXCEPT WHERE THE ROOF COVERING IS SPECIFICALLY DESIGNED TO BE APPLIED TO SPACED SUPPORTS.

RC5022 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).

RC5030 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 RC5030B. 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 RC5030C.

RC5040 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 5/8" EXPOSURE 1 24/0 APA RATED PANELS. FASTEN WITH BUNALS AT 6" O.C. AT ALL TRIMMING MEMBERS.
2. METAL ROOF SHALL BE INSTALLED PER MANUF. SPEC'S & RECOMMENDATIONS.
3. LOCATE WATER HEATER IN ATTIC OVER A WALL OR WITHIN 12 INCHES OF A WALL.
4. ROOF BRACING: SUPPORT BATTENS AS REQUIRED TO LIMIT SPANS PER NOTES ON DWG. 9-G WITH FURLINS OF EQUAL SIZE AS BATTENS SUPPORT FURLING WITH 24 BRACING AT 4' MAX SPACING. NOT ALL FURLINS & BRACING SHOWN.

**ROOF PLAN**

DATE: 3-29-12  
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CODE	LAYING	AREA U. S.	INDEX
C4	5993	6531	9675

DESIGNER	DATE	CHECKED	DATE
DWH	JWM	~	

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