DISCOUNT METAL MART

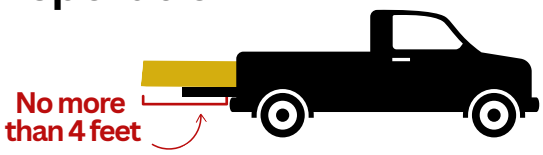
# MEASURING YOUR ROOF

## IN THIS KIT, YOU'LL FIND:

- How to prepare an order for metal roofing
- How to label your roof
- Determining you roof's pitch
- measuring step-downs
- Preparing a trim order

In compliance with **FLORIDA STATE LAW** , we can not permit vehicles to leave our property with a load 4 feet over the vehicle's tail lights.

### Acceptable Transporation:





We WILL NOT load box trucks or trailers with sides over 2' tall

**IF YOU DO NOT HAVE THE TWO OPTIONS ABOVE, BY LAW, WE CAN NOT LOAD YOU NOR ALLOW YOU TO LOAD YOURSELF. A 3RD PARTY DELIVERY MUST BE ARRANGED. WE HAVE 3RD PARTY DELIVERY SERVICES WE CAN SUGGEST.**

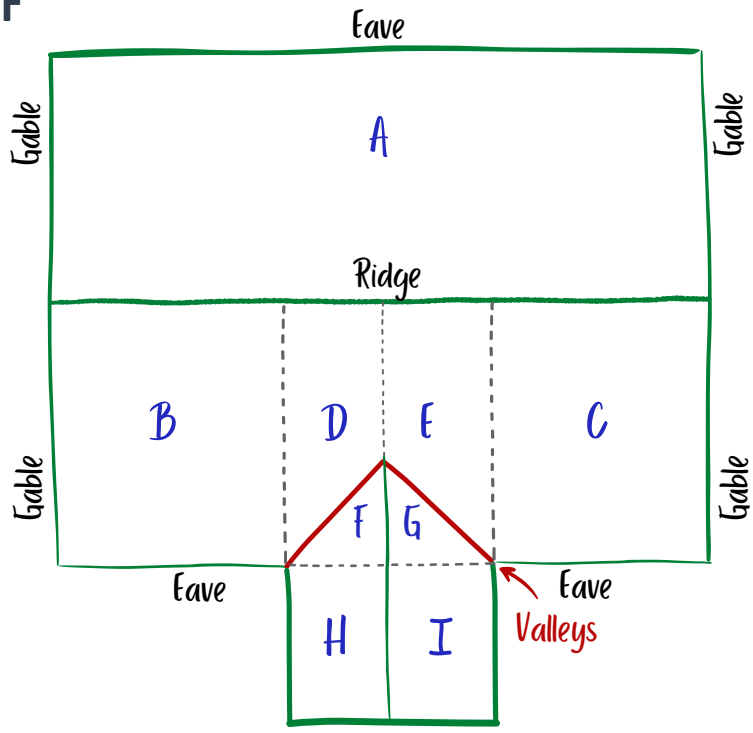
# Preparing Your Metal Roof Order

**NOTE: FOR YOUR OWN SAFETY, WE DO NOT SUGGEST MEASURING YOUR OWN ROOF. WE ADVISE HIRING A PROFESSIONAL FOR THIS TASK AND CAN SUGGEST PEOPLE THAT OFFER THIS SERVICE FOR FREE.**

## STEP 1: DRAW & LABEL YOUR ROOF

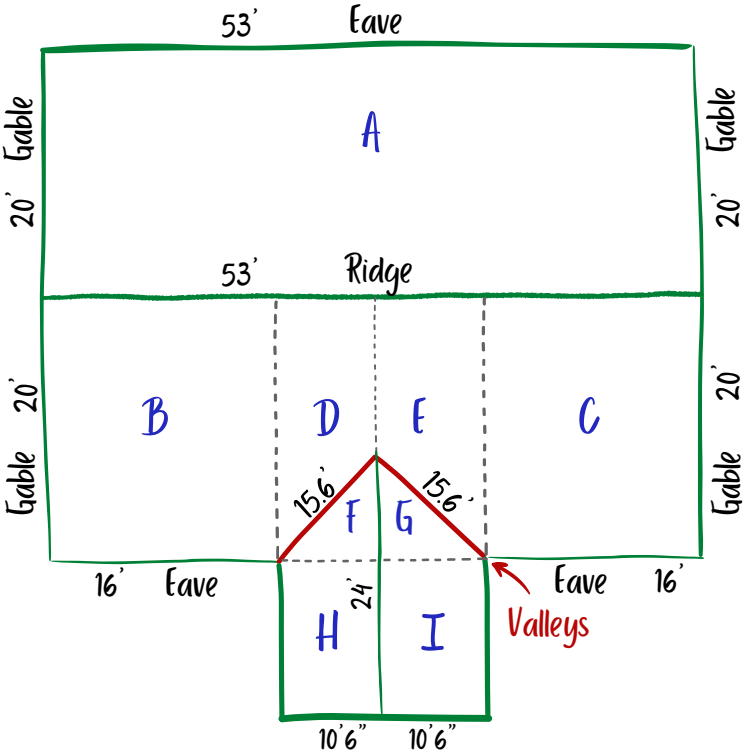
Include:

1. Draw the outline of your roof from an aerial view.
2. Section out each area of the roof
3. Label each section with an alphabetical letter as show in **blue**




## STEP 2: ADD MEASUREMENTS

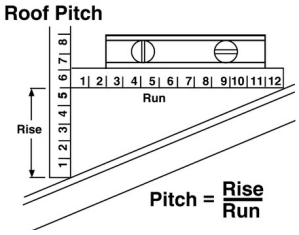
1. Measure the width of all roof edges (Shown in **green**: eaves, gables, ridges, etc).
2. Measure hip and valleys (Shown in **red** - example does not show a hip roof)
3. Measure diameters of all pipes, chimneys or other roof penetrations for the proper size for boots.

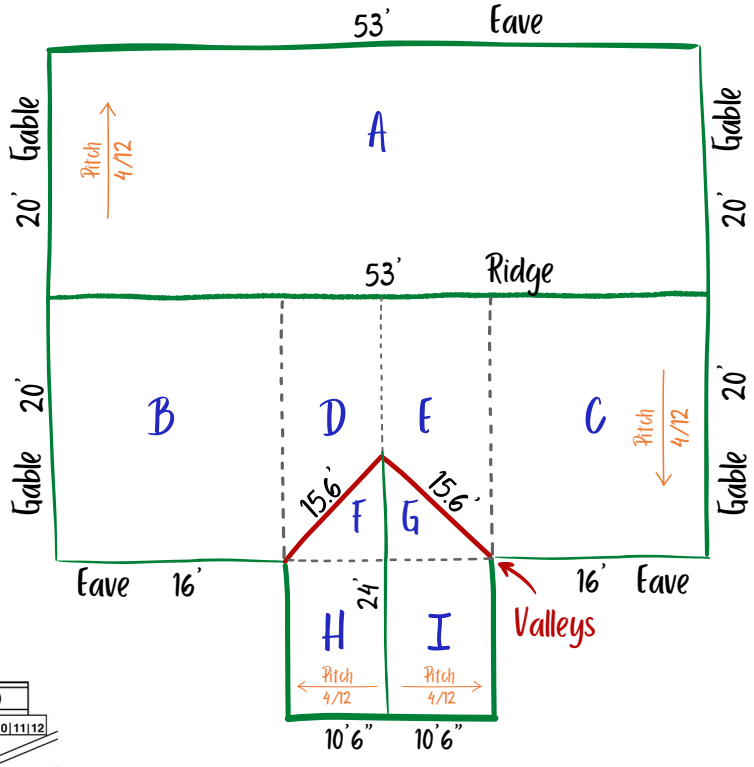


# STEP 3: DETERMINE ROOF PITCH

**ROOF PITCH IS REQUIRED.**

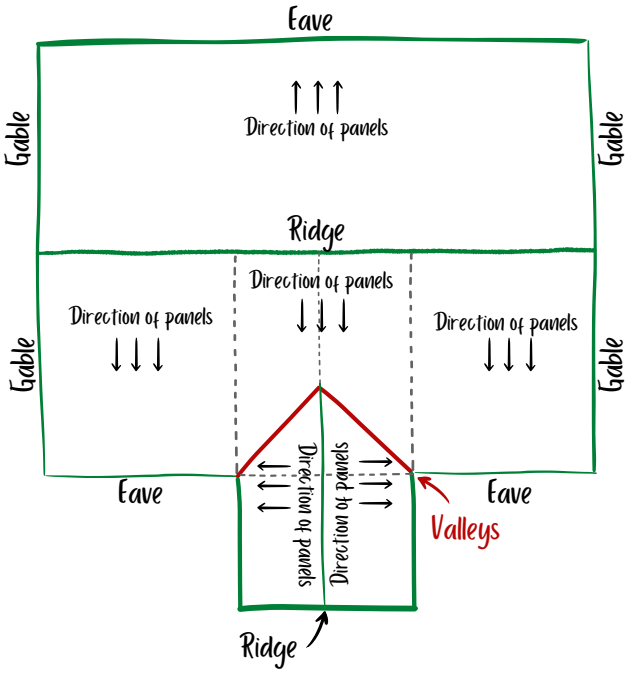
1. Measure the rise for a 12″ run using a level that is 12″ or longer and a tape measure.
2. Hold the level perfectly level, and measure the height from the roof to the level 12 inches away from where the level touches the surface; this will be the rise.
3. As an example, if the end of a level is 5″ above the roof at a point 12″ away from where it meets the surface, then the pitch is 5:12.




# NOTE: DIRECTION OF PANELS

Panel length will always start at the Ridge and “run” to the Eave. This is called your “Panel Run”.

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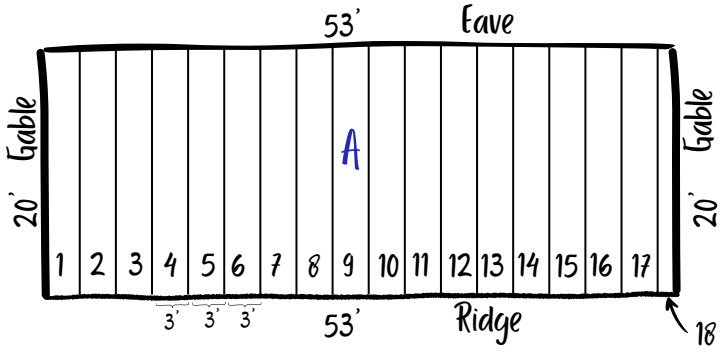
## STEP 4: CALCULATING NUMBER OF PANELS NEEDED

All our panel profiles come in 3' widths.

Because panels always run from Ridge to Eave, you'll take the width of the Eave (53' in this example) and divide it by 3'.

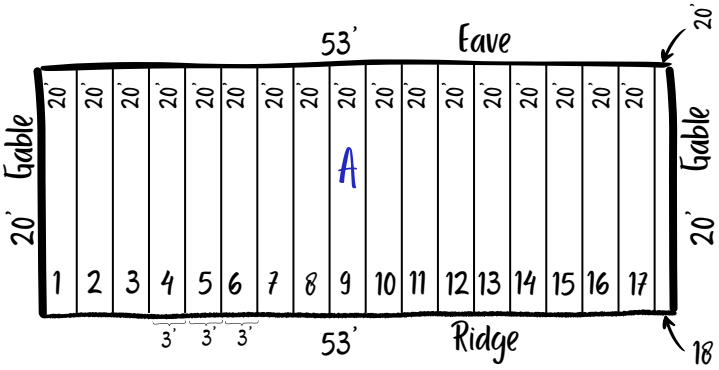
This will determine how many panels you'll need to cover the full width of the roof.

**EXAMPLE:**
**53' ÷ 3' = 17.66**
**Round up for a total of 18 panels.**




## STEP 5: DETERMINE LENGTH OF PANELS

The panel will be the same length of the Gables. In this example, all panels in section A will be 20' long.

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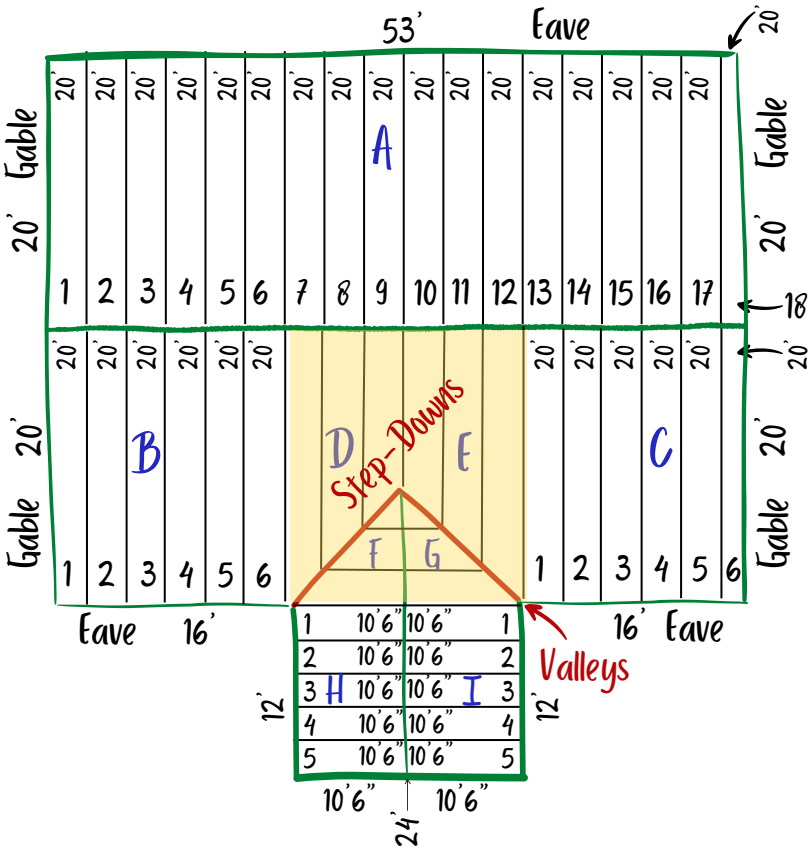
# STEP 6: CALCULATING STEP-DOWNS

**NOTE:**
**THE ONLY WAY TO MAKE SURE YOUR STEP-DOWNS ARE ACCURATE IS TO MEASURE THEM OUT.**

**IF THE PANEL IS CUT TOO SHORT FOR YOUR STEP-DOWN, IT WILL NOT STRETCH! 😉**

**DETERMINING STEP-DOWNS IS THE RESPONSIBILITY OF THE CUSTOMER. WE WILL NOT BE RESPONSIBLE FOR STEP-DOWN MEASUREMENTS.**




## MEASURING FOR STEP-DOWNS FOR 36" (3') PANELS

1. Starting at the corner of the Valley connecting to the Eave, measure from the Ridge to the Eave.
2. That will be the length of your first panel in the Valley/Step-down area.
3. Move up the Valley 3' and measure from that point to the Ridge.
4. That will be the length of that panel.
5. Move up the Valley another 3' and repeat until the entire Valley area is covered.

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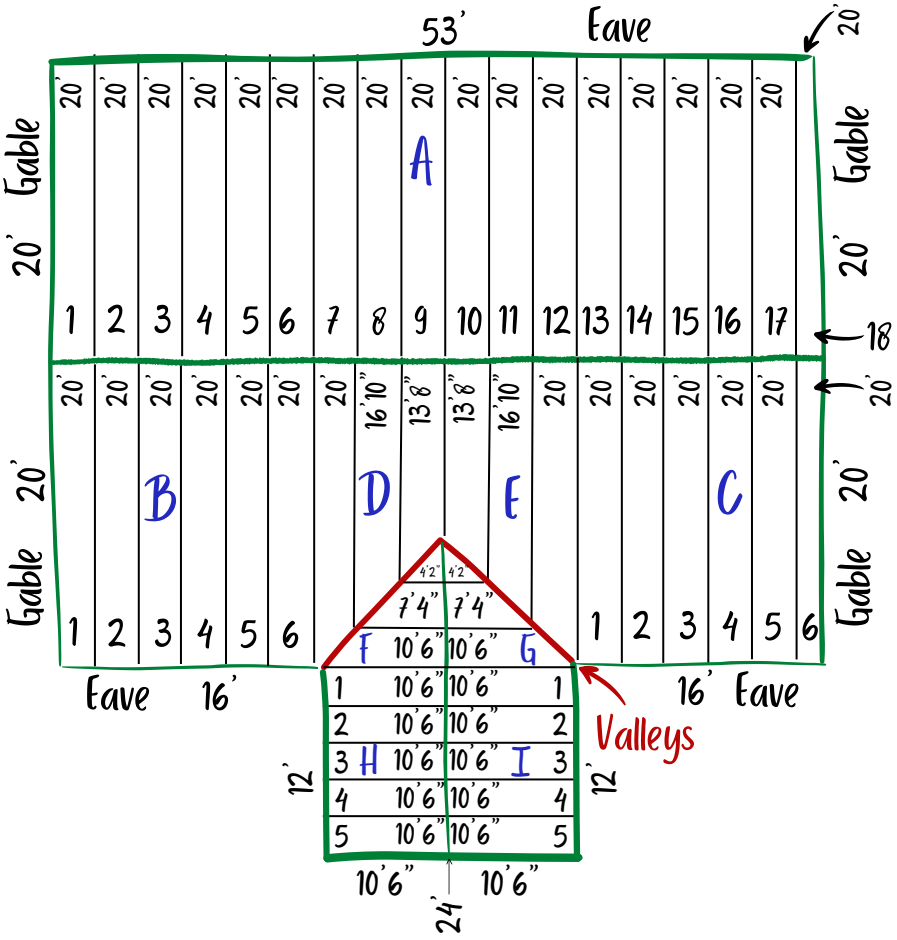
## STEP 7: COMPLETE ALL SECTIONS




## STEP 8: FILL OUT ORDER FORM

| SECTION | QUANTITY | LENGTH |
|---|---|---|
| A, B, & C | 30 | 20' |
| D & E | 2 | 20' |
| D & E | 2 | 16'10" |
| D & E | 2 | 13'8" |
| F & G | 2 | 10'6" |
| F & G | 2 | 7'4" |
| F & G | 2 | 4'2" |
| H & I | 10 | 10'6" |
| | | |
| | | |

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# STEP 9: CALCULATE YOUR TRIM

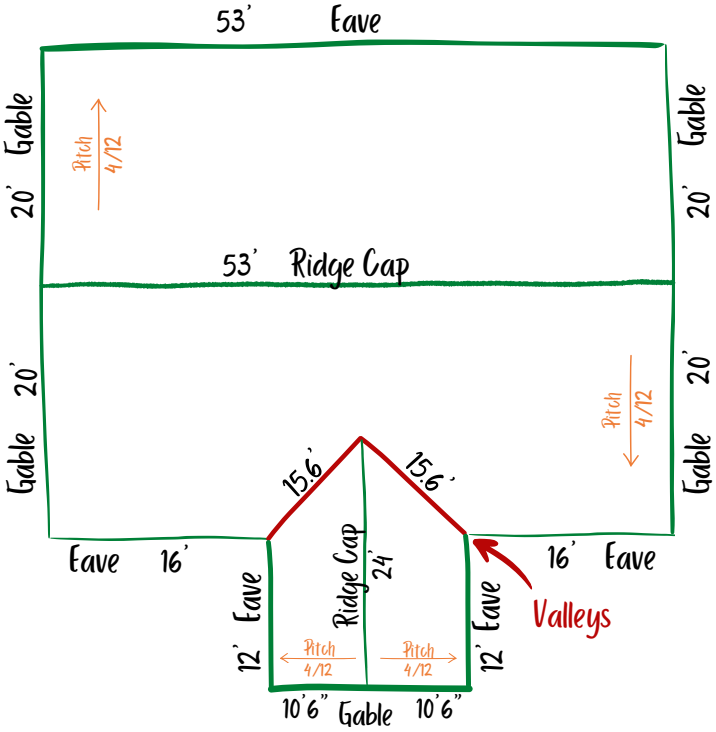
**ROOF PITCH IS REQUIRED.**

1. All our trim comes in 10' lengths.
2. Add up all of your trim categories (IE all Ridge Caps, all Eaves, etc)
3. Take your total LF of each category and divide it by 10'.
4. You'll need about 6" of overlap when connecting trim, so always round up.

**EXAMPLE:**
Ridge Cap: 53' + 24' = 77'

77' of Ridge Cap ÷ 10' = 7.7 pieces of trim

Round up to 8 pieces of Ridge Cap




# THIS ROOF'S TRIM:

## RIDGE CAP

53'
+ 24'
= 77'

10 ⟌ 77 = 7.7 → 8

## EAVE

16'
16'
12'
12'
+ 53'
= 109'

10 ⟌ 109 = 10.9 → 11

## GABLE

20'
20'
10.5'
+ 10.5'
= 61'

10 ⟌ 61 = 6.1 → 7

## VALLEY

15'6"
+ 15'6"
= 31

10 ⟌ 31 = 3.1 → 4

Although only slightly over, we suggest still going up one.

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