Correcting Gable wall crown
Special 3/12 Gable construction

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Crown in Gable Wall

• We often see the gable wall have a high center resulting in the gable truss rocking from side to side.
• Without correcting that problem you can end up with the gable truss sitting high and major sub fascia and roof alignment issues.
How to take the crown out of the gable wall

• The usual approach is to mark the studs and cut each stud to lower the wall.
• An alternate approach is to make a rabbit in the double plate to eliminate the crown.

NOTE: A rabbit in a board is a notch cut out of the corner of the board.
Marking the Double Plate

- Pop a chalk line across the double plate from corner to corner. This will show the crown in the double plate.
- This is your cutline along the double plate.
Mark the top of the double plate

• Next, mark a 1 ½” line along the top of the double plate.
• Pull out any nails in the cut out area.
Making the cut

• Set the Circular saw to 1 5/8” deep and make the cut on the edge of the double plate.
• You can make this cut with the OSB in place, just set the saw to 1 7/8” depth.
Making the cut

• Reset the saw to the depth of the highest point of the crown and make the cut on the 1 ½” line on the top of the double plate.

• Remove the cut out section.
Set the Truss

• Replace any nails that were removed.
• Add the deadwood to the double plate.
• Now you can set the truss.
• Notice the thin double plate area.
3/12 to 5/12 Gabel

• This area is unique in how it is built
  – There are no lookouts
  – Fascia is made from 1x6 Trim
  – Lap siding is used
  – Step flashing kick out is difficult to install.
Step Flashing

• Step flashing must be installed behind the fascia 1x6.
• If roof decking is not installed, put up a temporary piece of OSB and install step flashing behind the lower portion of the 1x6 fascia.
• Any Issues with this installation?
Correct Step Flashing Kick out

• 45 Deg cut through the 1x6 Fascia board to accommodate the kick out.
• Total fascia is 153”, with small bottom piece, top piece is about 11’10”.
• Kick out flashing trimmed to 2” high.
• Note the fascia corner trim goes on as usual.
Lap Siding

Even if specialty siding is shown on the elevation in this area, do not install specialty siding. Install standard lap siding.
Lap siding design

- Four pieces of siding for each side.
Mark the top edge of the 4 pieces at 1 ¼". This will help locate the bottom of the next piece.