

## SHEATHING THE HOUSE ROOF TRUSSES

### MATERIALS:

OSB full sheets  
OSB with special cuts  
8d nails  
Plywood clips  
Chalk line

### PREPARATION:

#### CRITICAL STEP:

See **Setting House Trusses** for OSB cuts that will be used for sheathing the roof.

Check Fascia for straightness with a string line and adjust as needed **BEFORE** sheathing roof.

### INSTALL:

**After installing Fascia**, Look for 48 1/2" marks on the **Front** and **Rear** gable racks.

If they are **not** there, **Measure UP from the Fascia 48 1/2"**.

Snap a chalk line, with crew member on each end and 1 crew member in the middle, with their finger on the line, snapping in both directions.

The chalk line between these points will create a **control line** to position the OSB.

When placing the OSB, **DO NOT DEVIATE FROM THIS CONTROL LINE**. The trusses will have to be moved to maintain the 24"OC layout.

The rows will be laid out as follows:

1<sup>st</sup> row 48"

2<sup>nd</sup> row 48"

**3<sup>rd</sup> row 23 3/4"**

4<sup>th</sup> row 48"

5<sup>th</sup> row Approximately 31-1/2" OR measure from the top of the 4<sup>th</sup> row to 1- 1/2" from the peak.

### STARTING:

OSB has a ROUGH side, usually with printed lines, and smoother side.

**ALWAYS** install with the **ROUGH** side **UP**.

The 1<sup>st</sup> row starts from the REAR of the house on the 3<sup>rd</sup> truss ( aprx 83”).

Make sure the 1<sup>st</sup> sheet sits half on the 3<sup>rd</sup> truss, is parallel to the control line and the edge reveal is the same down the truss.

Nail # 1 goes in to the truss in the bottom corner.

2<sup>nd</sup>, nail the sheet to the **gable rack** in the **lower** and **upper** corners.

Nail # 3 goes in the upper OPEN corner.

Make sure the reveal is the same down the edge of the truss.

**AFTER** nailing, measure 24” from the **open** edge of the 3<sup>rd</sup> truss to the edge of the 2<sup>nd</sup> truss, mark and nail.

Continue measuring from the **OPEN** edge of the 3<sup>rd</sup> truss to the edge of the 1<sup>st</sup> truss, mark and nail.

Nail with 8d nails, 6”OC on the edge and 8” OC in the field.

Follow the colored lines, on the OSB, as you nail.

Secure the edges and at least 3 nail rows down, so you can safely walk on the sheets.

**NOTE:** When all sheets are set and tacked, final nailing will be done with a pneumatic nailer.

### **NAILING LAYOUT:**

For the next sheets layout should be done from the **REAR** of the house **TO** the **FRONT**.

Place sheet 2 tightly against sheet 1 and at the control line.

Nails #1 and #2 go in the **upper** and **lower** corners, where the sheets meet.

Nail # 3 goes in the **lower open corner**.

Nail # 4 goes in the **upper, open corner**, **AFTER** moving the truss to keep the reveal the same along the open edge.

For sheet 2 layout measurements, hook the tape on truss #2 and measure **rear** to **front**, 24 oc.

For sheet 3, hook the tape on truss #5 following the same nailing as above.

Full sheets will continue toward the front of the house.

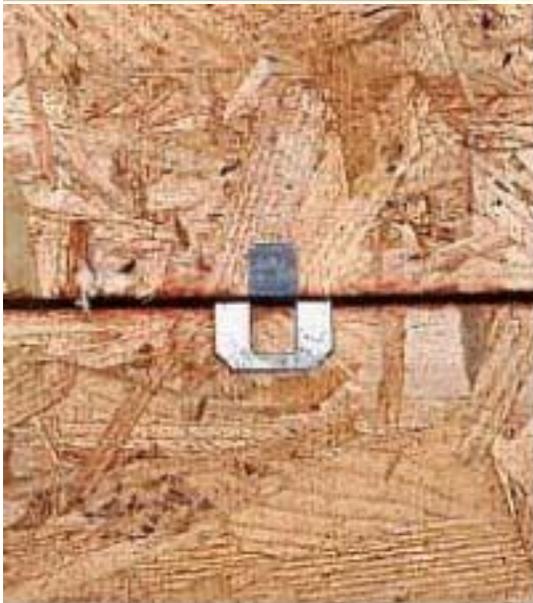
**IF** the porch trusses are installed including the porch gable rack, continue Row 1 sheeting on to the 1st Porch truss.

Measure and cut the last, 1<sup>st</sup> row sheet ( aprx 60”), with the factory edges together and the cut edge to the outside.

**NOTE:** If the Porch trusses are **NOT** installed, stop the sheeting at the last **FULL SHEET BEFORE THE GABLE TRUSS.**

### **STARTING THE 2<sup>nd</sup> ROW:**

Install plywood clips, starting on the second row, centered between each truss. They are not needed in the Gable Racks.



The 2<sup>nd</sup> row starts on the truss #2, with a full sheet, and continues toward the **FRONT** of the house.

Fill-in the piece, to the **back** of the house (apx 61"), keeping factory edges, with blue or green paint, together and the cut edge toward the **outside**. The cut edge must not extend past the rake board.

**SUBSEQUENT ROWS:**

**3<sup>rd</sup> row will have the 23-3/4" sheet, with the same pattern row 1.**

4<sup>th</sup> row pattern repeats the 2<sup>nd</sup> row.

5<sup>th</sup> row pattern is the same as the 1<sup>st</sup> row. **This will not be a full width sheet. SEE ABOVE.**

Remember to leave a 1 1/2" gap at the top for the ridge vent.

TT 2/10/2015