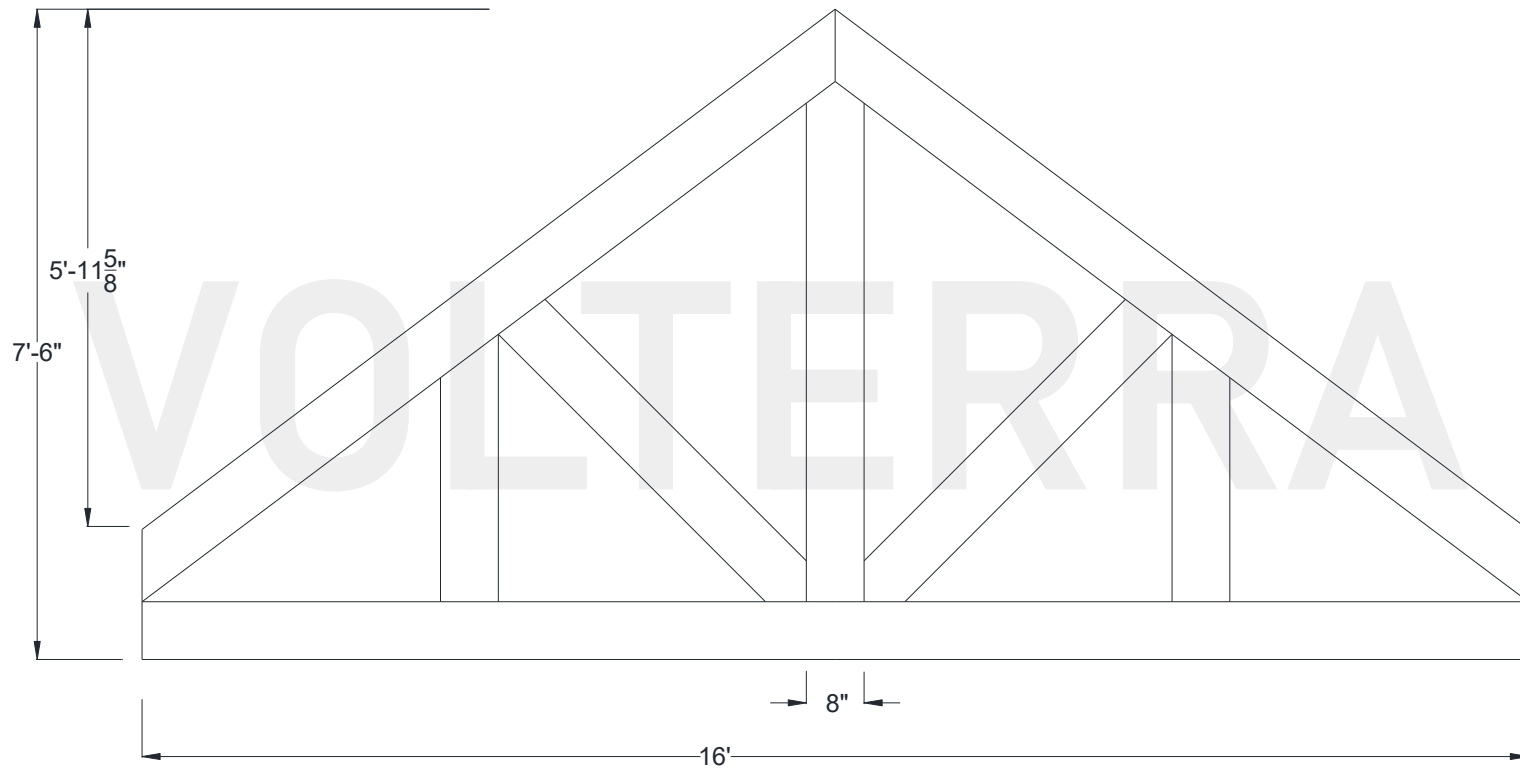




# Sawtooth Hammered Truss

192" Width

Shown: 9/12 Pitch



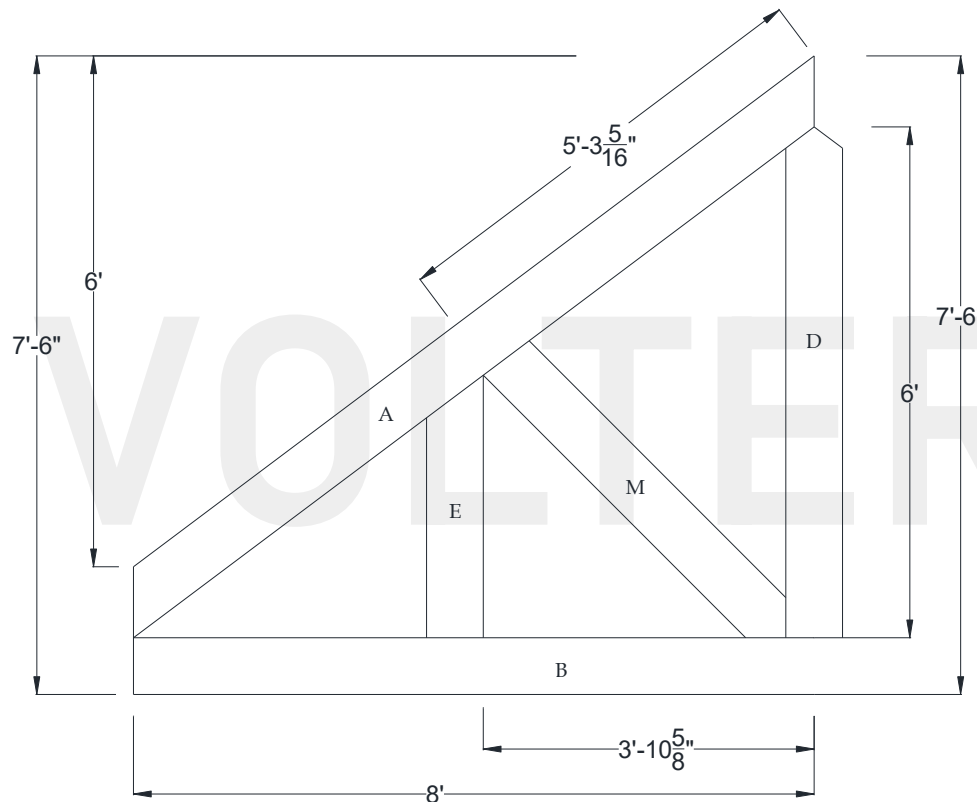
Volterra Architectural Products LLC – 1902 North 22nd Avenue – Phoenix, AZ 85009 – 602.258.7373

[www.volterraproducts.com](http://www.volterraproducts.com)

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192" Width

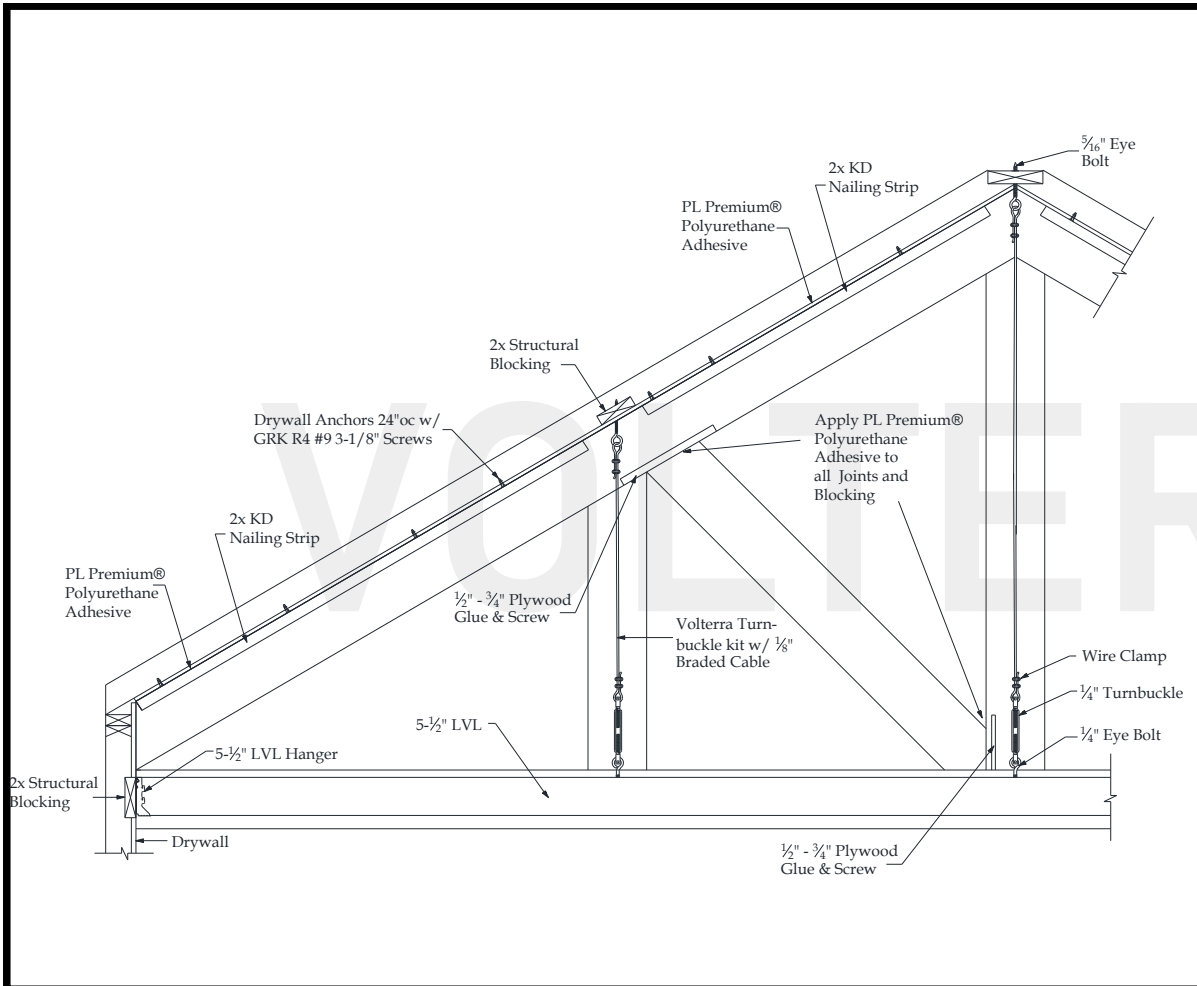
## Dimension Sheet



### Specifications

Pitch:	9/12
A) Rafter/Top Chord:	8" x 8"
B) Bottom/Tie Chord:	8" x 8"
C) Upper/Tie Chord:	N/A
D) King Post:	8" x 8"
E) Queen Post:	8" x 8"
F) Jack Post:	N/A
G) Hammer Beam Top:	N/A
H) Hammer Beam Btm:	N/A
I) Collar Brace Upper:	N/A
J) Collar Brace Lower:	N/A
K) Hammer Brace:	N/A
L) Wall Post:	N/A
M) Web 1:	8" x 8"
N) Web 2:	N/A
O) Web 3:	N/A
P) Flying Buttress:	N/A
Q) Newel End:	N/A

## Sawtooth Truss Recommended Interior Installation Procedures



**A:** Layout beams and chalk lines to the inside of rafter beam.

**B:** Measure down ridge and screw eye bolts into structural blocking at all points.

**C:** Place KD nailing strip on chalk line and pre-drill  $\frac{1}{8}$ " holes 24" on center through strip and into drywall. Install drywall anchors into predrilled holes. Apply  $\frac{1}{4}$ " bead of PL adhesive to top of nailing strip and install using deck screws.

**D:** Glue and screw  $\frac{1}{2}$ "- $\frac{3}{4}$ " plywood screw plate for web beam install to inside of rafter beam.

**E:** Measure, cut and dry fit rafter beam then pull beam down. Apply PL adhesive to sides of nailing strips. Install rafter beam and use finish screws to secure 24" on center.

**F:** Cut 3"-4" diameter round hole into the bottom of rafter beam for king/queen posts turnbuckle.

**G:** Measure correct length and cut braided cable and install turnbuckle kits and LVL hangers.

**H:** Add 2X blocking every 24"OC to LVL so bottom chord beam is a tight fit. Install LVL. Install bottom chord and its 4th side

**I:** Glue and screw off  $\frac{1}{2}$ "- $\frac{3}{4}$ " plywood screw plate to inside of king post for connection of web. Stain raw foam on king/queen posts loose side. Install king/queen posts and their 4th side.

**J:** Measure, cut and dry fit web beam. Glue and toe screw in place. Patch holes and touch up HDF if necessary.