

## Case Study #7: Roof Analysis

Client: Timberidge Custom Home, Heber City, Utah

**Issue:** As shown in an earlier case study, a common occurrence or finding across the country is that exterior dimensions are either taken as “Framing to Framing” OR “Sheathing to Sheathing”. SO, often times, we find trusses are either  $\frac{1}{2}$ ” too short on each end OR  $\frac{1}{2}$ ” too long on each end. If trusses are field-measured prior, this may not be an issue, but when it becomes an issue, framers must deal with these situations as they arise - this is costing someone money!

In the picture below, it is hard to see but each end of the truss sticks past the wall  $\frac{1}{2}$ ” on each end. In this case, the soffits slope (sometimes this can be concealed in the soffit for top-chord overhang trusses), BUT the sheathing on this wall must continue up past the top of the wall. What do you do if this is not caught? Rip the truss ends? Add blocking in between to flush sheathing? Either way, an avoidable issue when caught in advance!



