



Arron, the as measured geometry gives building dimension from outside of plate to outside of plate of just under 34'. Our measurement on last Friday from inside of plate to inside of plate, approximately 16' from the front gable wall was 33'-10" plus the thickness of lathe and plaster on one eaves wall, plus the plates (7" each) gives outside to outside dimension of just over 35'. Rafter length from joggle to end is 20' - 7 1/2", the end of the tie/rafter is 1' - 6" beyond the inside face of the plate. If the bent at truss #4 with its missing tie and cut king post had dropped, if anything it should show a greater dimension than the measurement taken along the inside of the front gable wall at the tie location.

Also, see if you are able to determine how the lower common rafters terminate ie. what the seat cut is and if it falls on the flying purlin etc. see the other pdf file of the truss in 3D.

PLATE 7 X 8  
 RAFTER 7 at king post joggle, wider at the plate.  
 RAFTER length (from joggle to end 20'-7 1/2")  
 FLYING PURLIN 3 x 7 notched into end of TIE