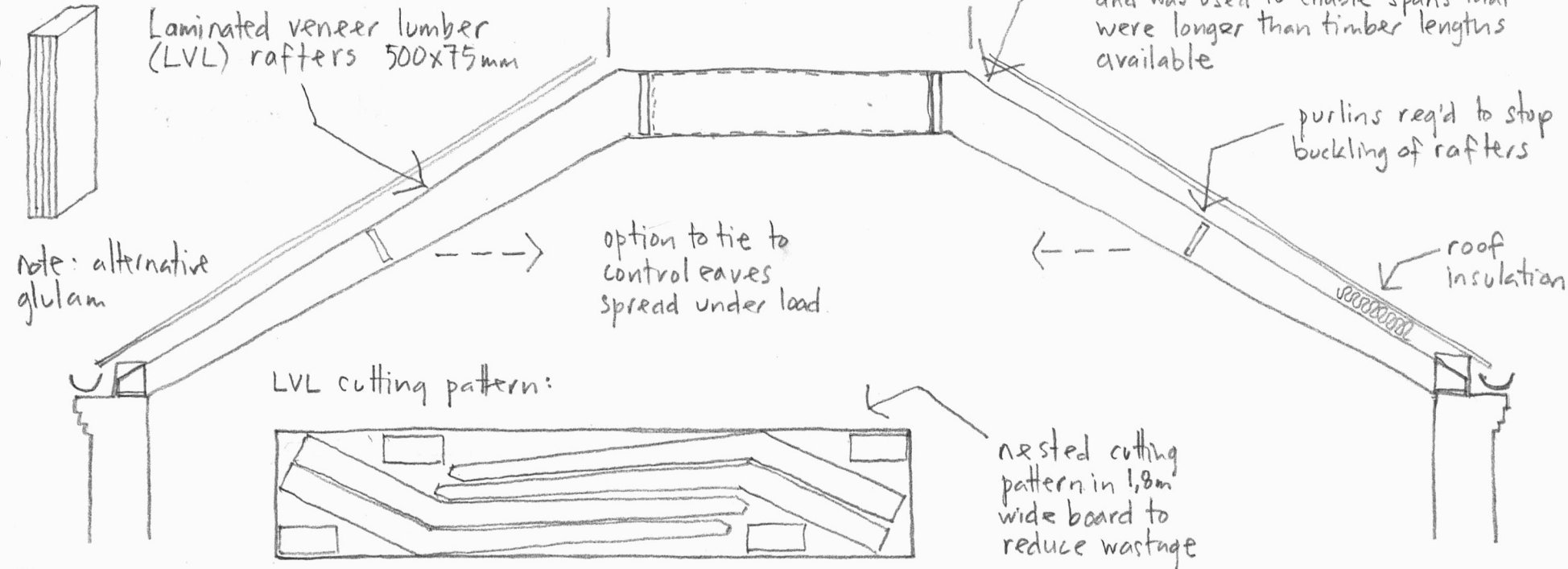


# Section:

proposed reciprocal rafters  
1:50 @ A3

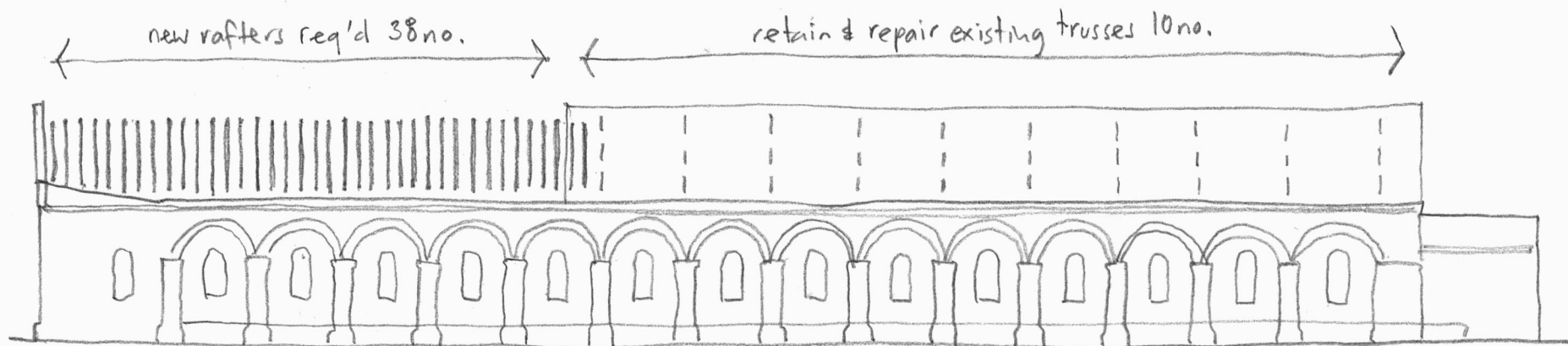


LVL cutting pattern:

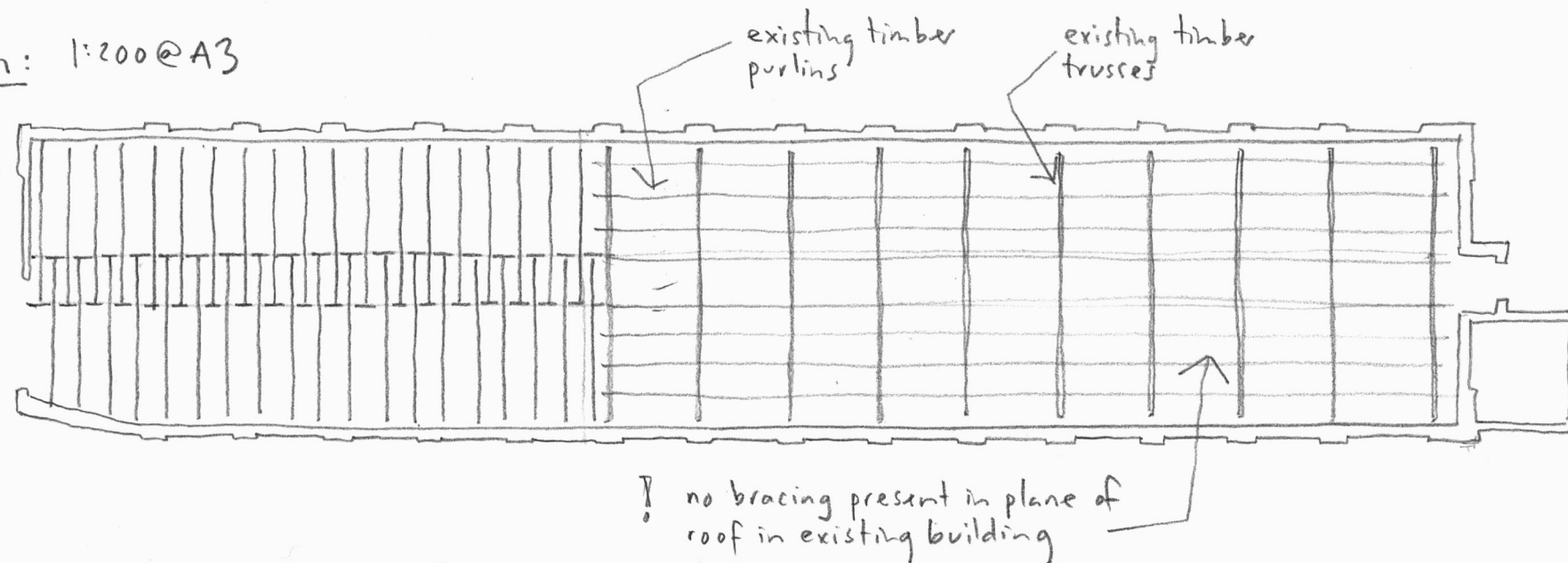


nested cutting pattern in 1.8m wide board to reduce wastage

# Elevation:

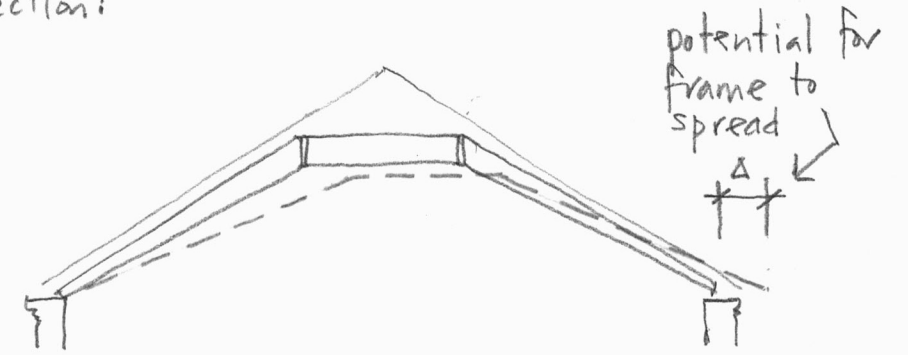


# Plan: 1:200 @ A3



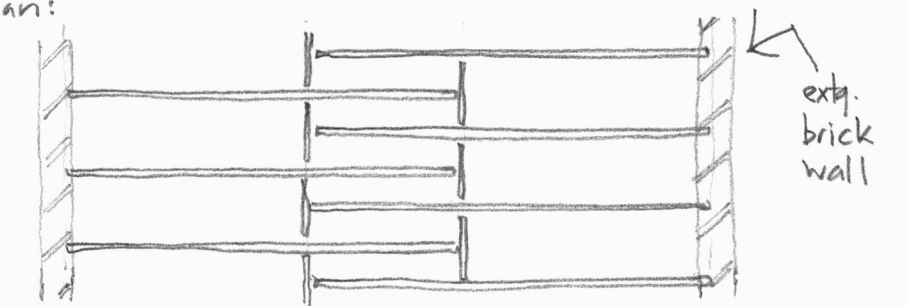
# Structural Analysis:

section:

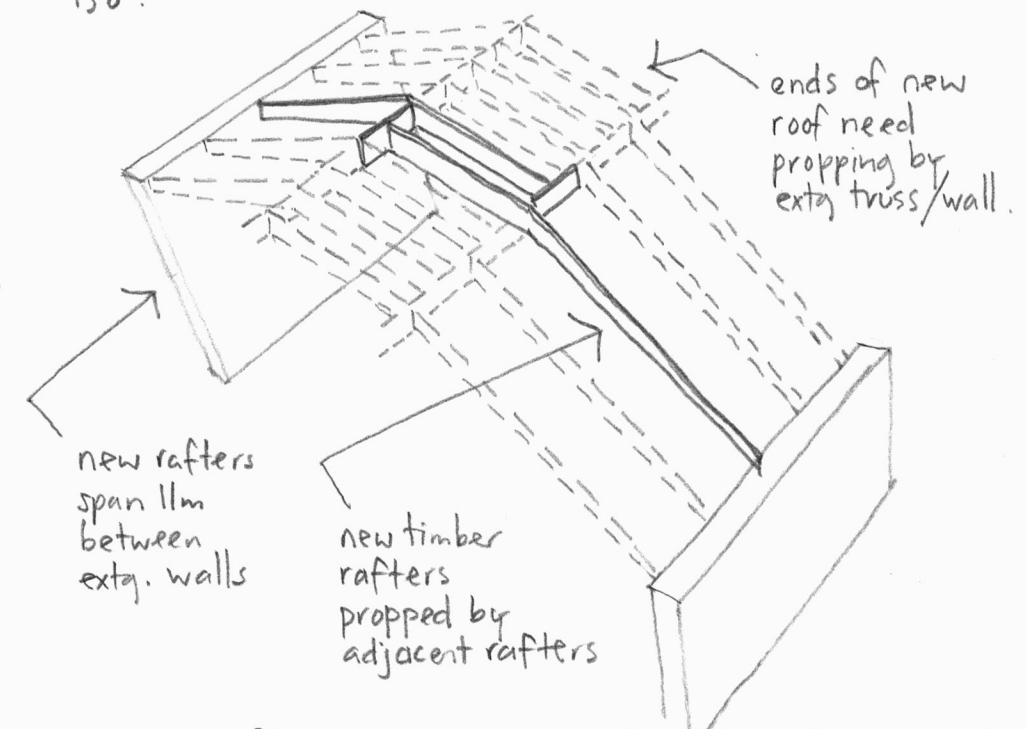


structure designed to work as beam but roof geometry means that 'spread' will occur under loading... this could be eliminated by providing cable ties... or allowing movement to happen.

plan:



iso:



Smith and Wallwork July 2013  
Locomotive Shed Reciprocal Rafter  
000143/SK004 Option 3