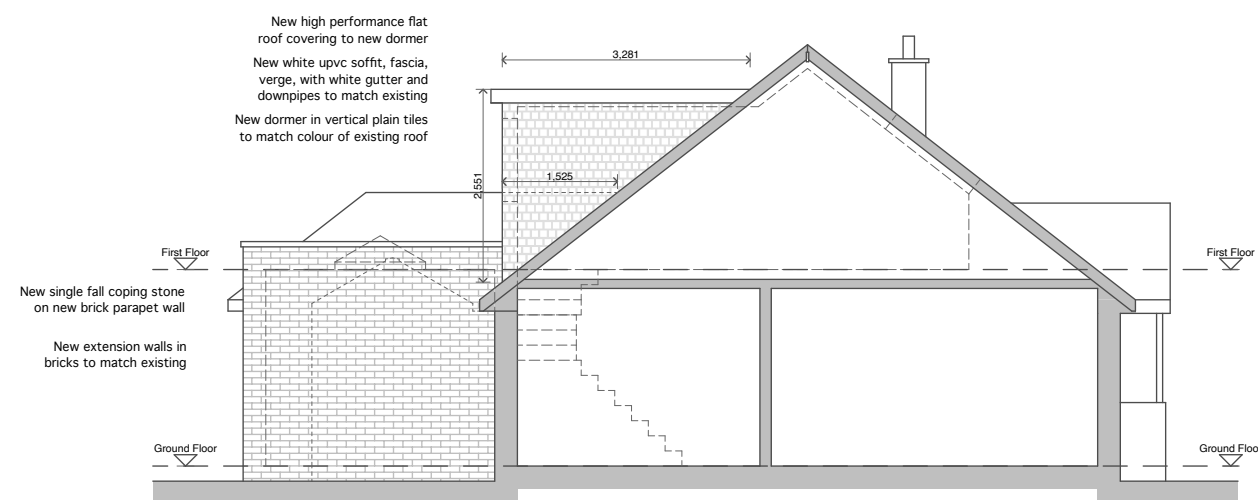


VARIATION OF CONDITION PLANNING APPLICATION



EAST SECTION/ELEVATION 1:100

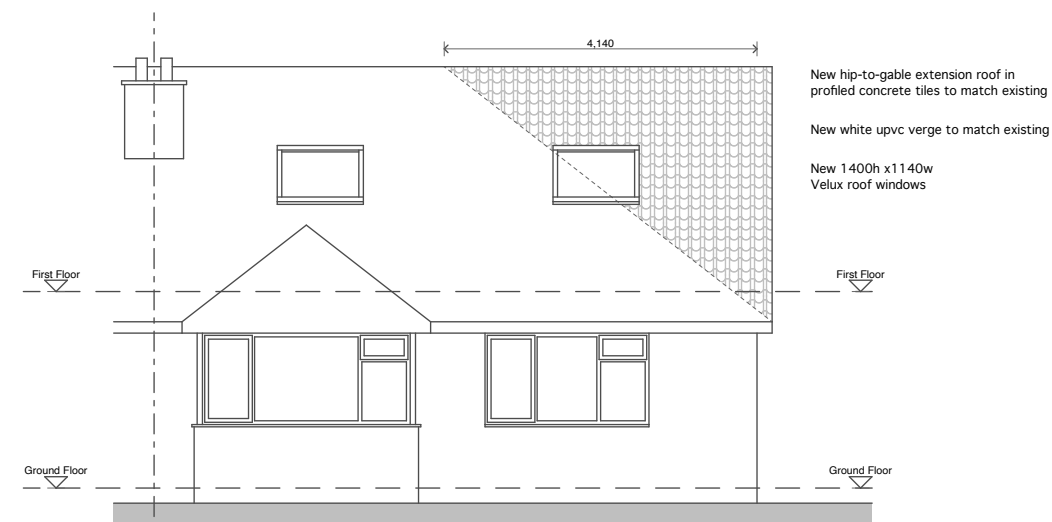


Hip-to-gable volume calculation:
 $\frac{7.894 \times 3.375}{2} \times \frac{4.140}{3} = 13.32 \times 1.38 = 18.38\text{m}^3$

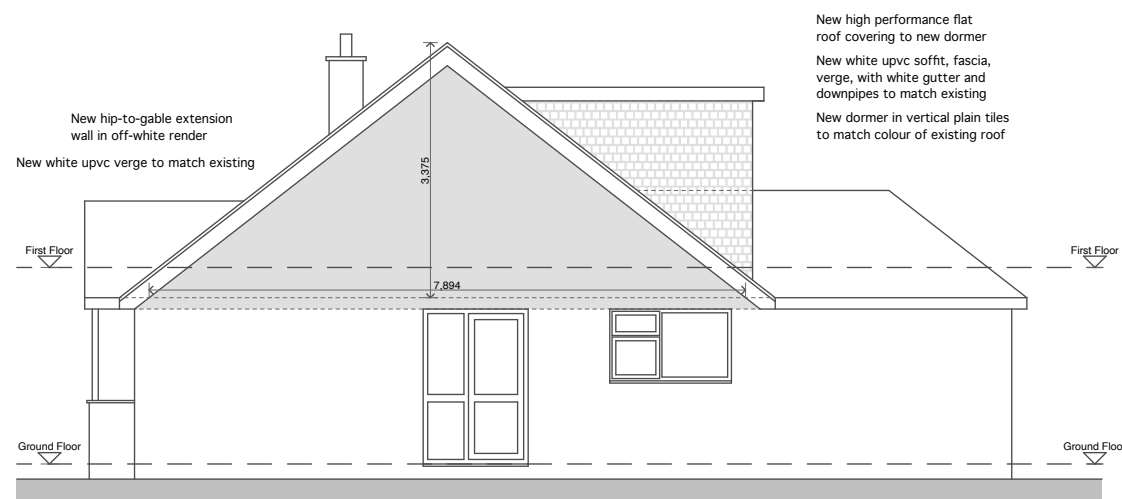
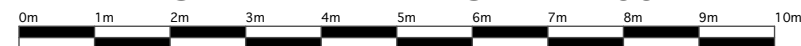
Dormer volume calculation:
 $\frac{2.551 \times 3.281}{2} \times 7.75 = 4.18 \times 7.75 = 32.40\text{m}^3$

Existing roof (under new dormer) volume calculation:
 $\frac{3.050 \times 1.186}{2} \times \frac{1.525}{3} = 1.81 \times 0.51 = 0.92\text{m}^3$

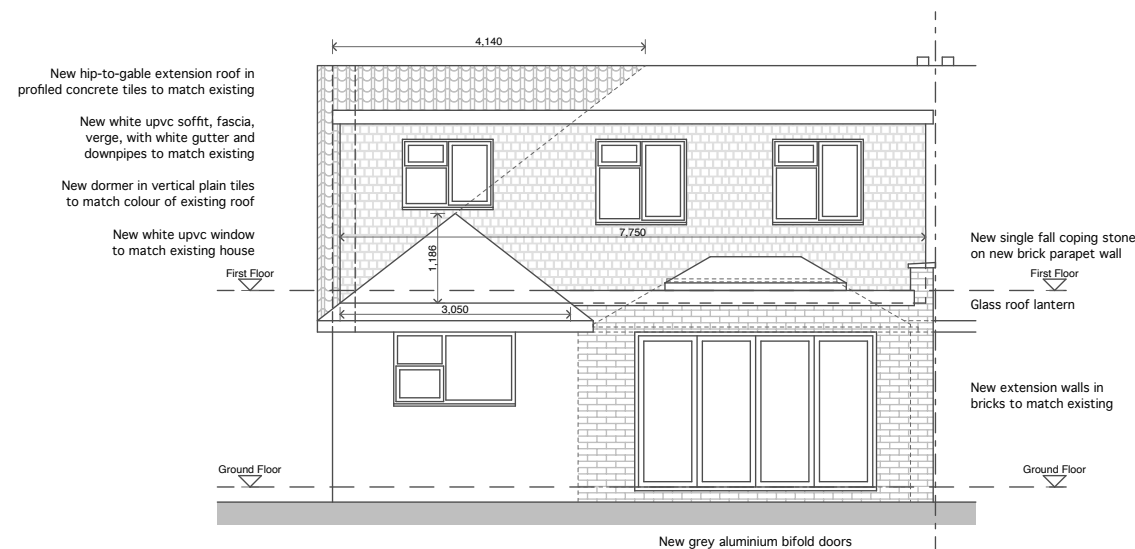
Total additional roof volume = $(18.38 + 32.40) - 0.92 = 49.86\text{m}^3$



NORTH ELEVATION 1:100



WEST ELEVATION 1:100



SOUTH ELEVATION 1:100

