

cantilevered
ridge beam with
raking supports

single purlin to
reduce rafter span

152x89 UBs
to prevent roof
spread at ends
only to maintain
clear ceiling space

continuous 152x89
UB approx 5200 long
to prevent roof
spread

2 no purlins on
west pitch to
accommodate
Velux windows

floor level

6 no 152x89 UBs with footplates
forming main stanchions

4, COWEL AMBLYON FARM
SUTTON CHENEY

PROPOSED SINGLE STOREY EXTENSION

DIAGRAMATIC
STEELWORK

ISOMETRIC 1:10 cA4

9.2.24 DWG NO. 2024/6