

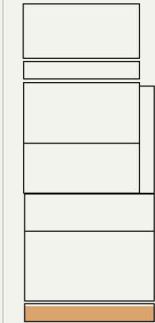
AREA 3  
FLAT ROOF LAYOUT (OFFICE AREA)



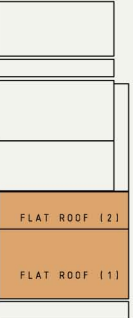
SOLAR GREENHOUSE



A



B

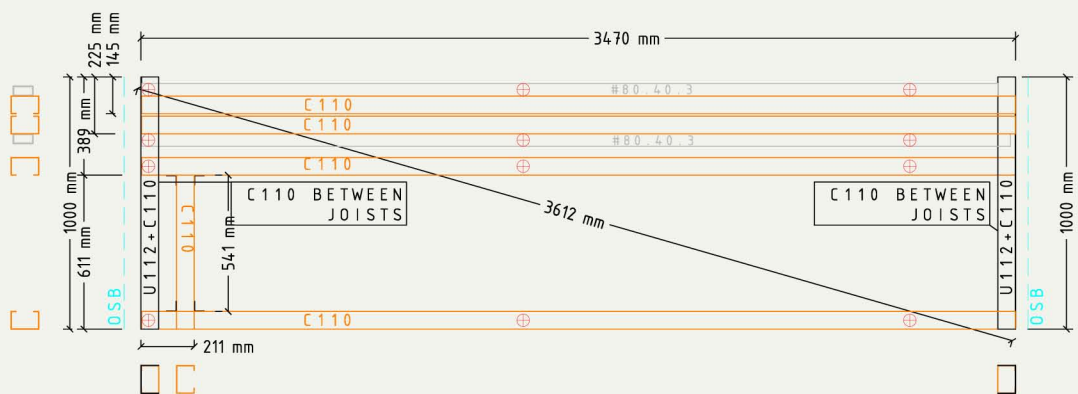


FLAT ROOF

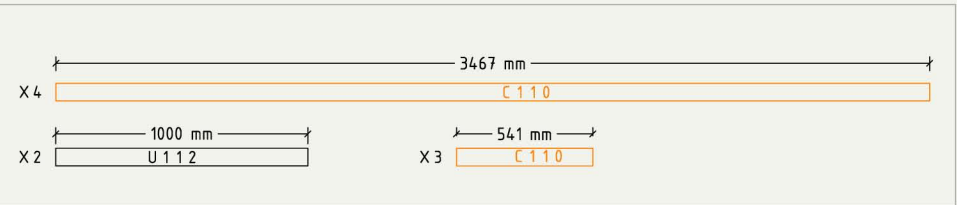
OFFICE AREA

B FLAT ROOF (OFFICE AREA)

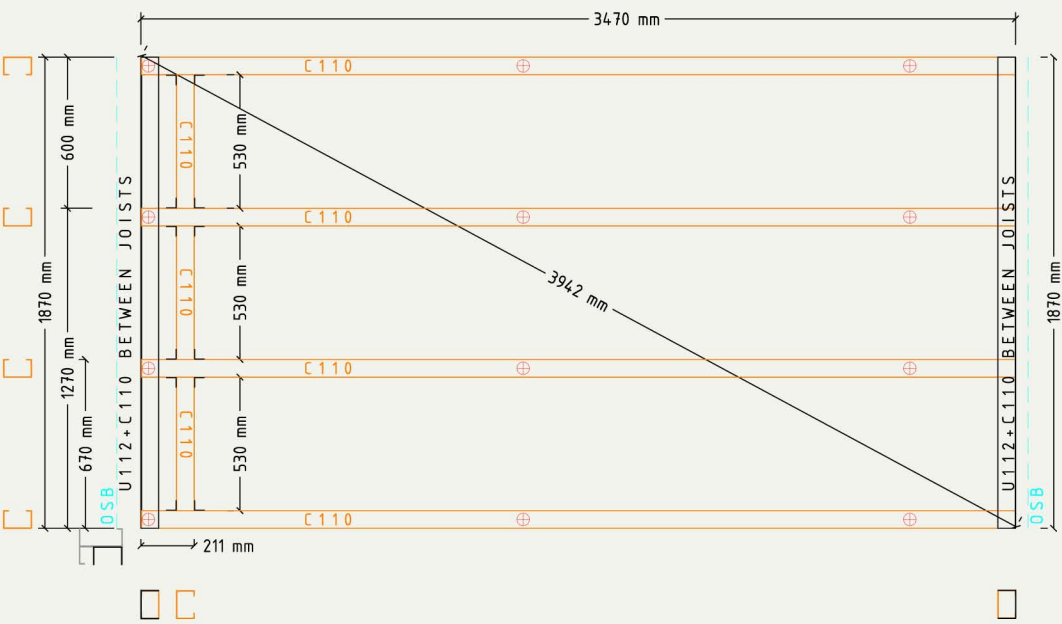
FLAT ROOF (2)



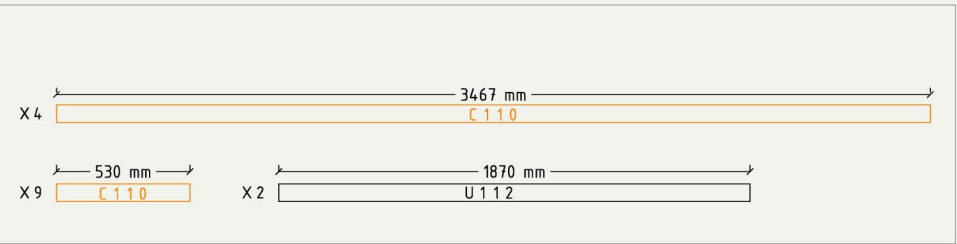
STEEL FRAME ELEMENTS(FLAT ROOF 2)



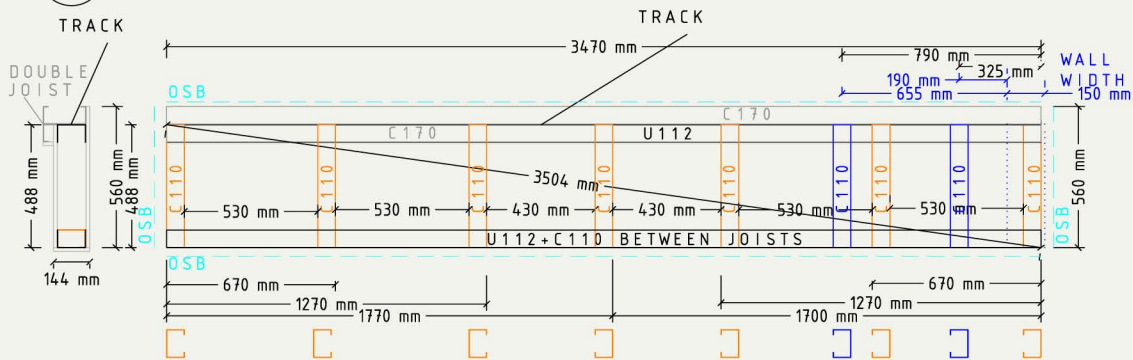
FLAT ROOF (1)



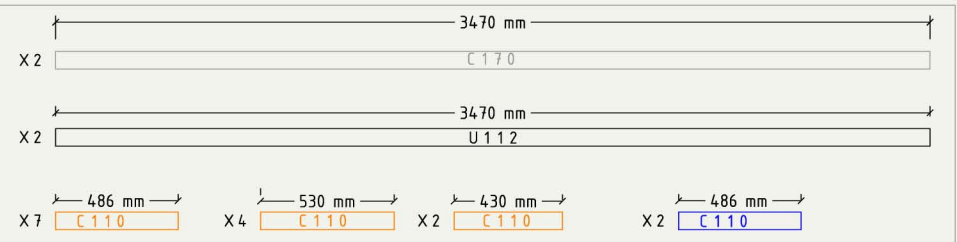
STEEL FRAME ELEMENTS(FLAT ROOF 1)



A FLAT ROOF (SOLAR GREENHOUSE)

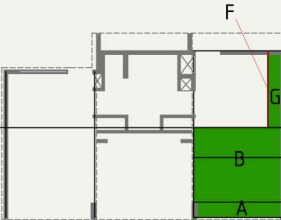


STEEL FRAME ELEMENTS(A)



S - 2 2

DATE : 08.04.2005



SCALE\_1:30



LETICIA RO-BER  
plan designer  
CARLOS BERMEJO  
design coordinator  
MIGUEL GOMEZ  
general coordinator

JOE WORCESTER  
professional engineer

ALFONSO GARCÍA-SANTOS  
construction manager

JAVIER NEILA  
architecture manager

ESTEFANÍA CAAMAÑO  
general coordinator



unfolding under the sun  
Universidad Politécnica de Madrid (UPM)

04/11

S - 2 2

1:30

STEEL FRAMING: ROOF LAYOUT