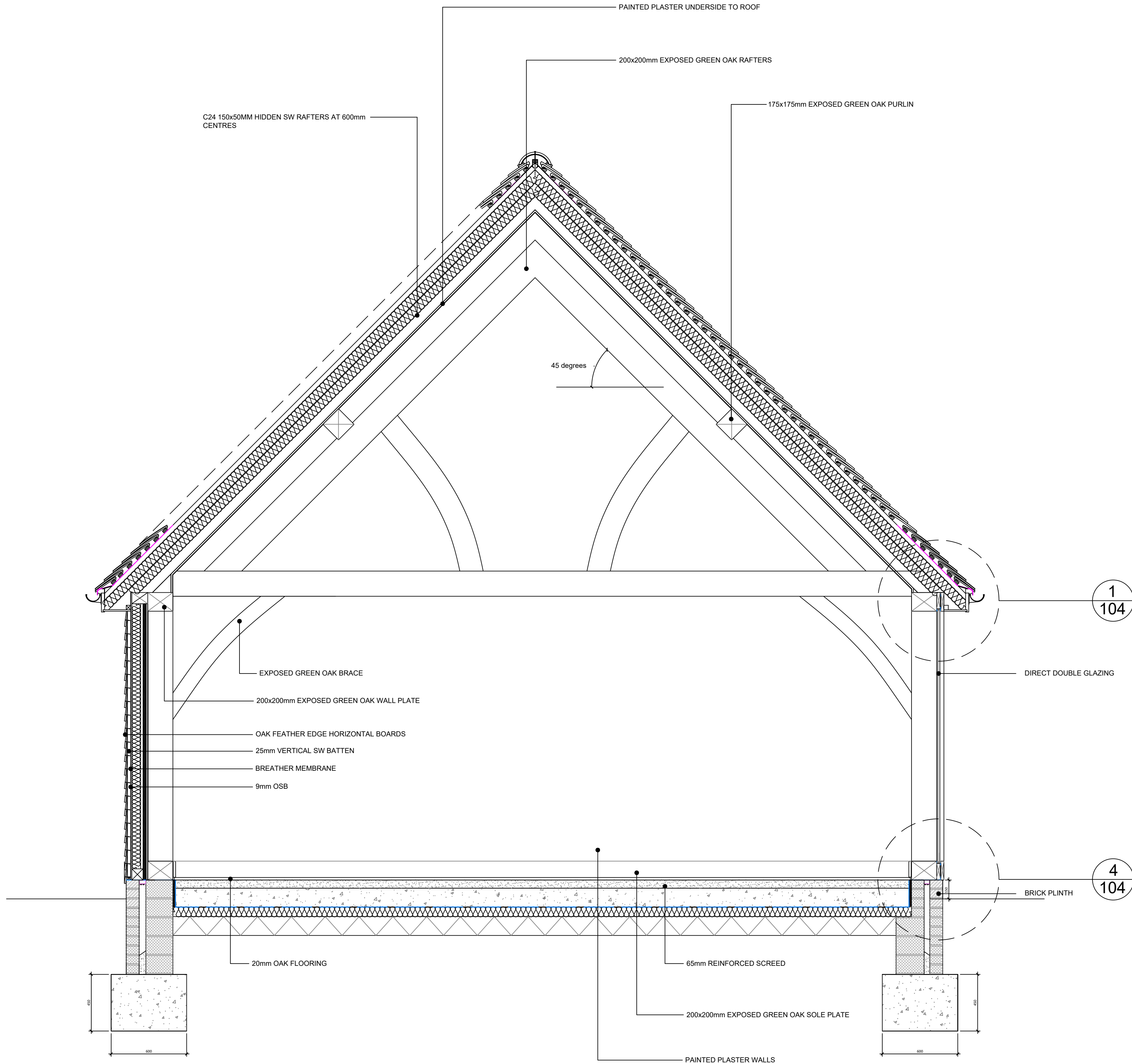




ROOFS

Roof construction generally to achieve a minimum U-Value of 0.14 W/m²K.
Clay plain roof tiles on 25 x 38mm tanolised sw battens
on 25 x 38mm tanolised counter battens
on breather membrane with 75mm Kingspan Kooltherm K7 insulation
laid over C24 150 x 50mm SW hidden rafters at 600mm centres
with 75mm Kingspan Kooltherm K7 insulation laid between the rafters
75mm cavity between rafters below insulation
Polythene vapour control layer on 12.5mm plasterboard
with 3mm plaster skim and painted finish

GREEN OAK VISIBLE FRAME

200 x 200mm green oak columns as shown on plan, with 150x200mm
plates also as indicated on plan.
175x175mm Green oak purlins

RESTRAINT

Structural Engineer to ensure adequate restraint to roof.

TIMBER GENERALLY

All timber to be from an approved sustainable source.
Softwood to be pressure impregnated.
Hardwood to be treated as indicated on drawings.
Exposed timber to be treated with 2-3 coats of Sadolin Classic or similar approved exterior wood stain
to provide adequate finish to BS EN 927-1:1997.

LEADWORK

All leadwork to be Code 4 specification and installed in accordance with arrangements and details set
out in the LDA/LSA The Lead Sheet Manual.
Flashings and cavity trays to be provided to all roof abutments in accordance with NHBC Standards
Clause 7.2 - S12.
Leadwork to be finished with patination oil upon completion of installation.

PART B: FIRE SAFETY

SMOKE ALARMS

Self-contained smoke alarms mains operated conforming to BS 5446: Part 1.
At least one smoke alarm to be fitted within the circulation area, and to be ceiling mounted and at least
300mm from the walls and light fittings.
Smoke alarms shall be sited so that:

- (a) There is a smoke alarm in the circulation space within 7.5m of the door to every habitable room;
- (b) Where ceiling mounted they are at least 300mm from walls and light fittings;
- (c) Where wall mounted they are above the level of doorways opening into the space and also
comply with the provisions in (b);
- (d) Not to be fixed next to or directly above heaters, or any other place where steam, condensation
or fumes could give false alarms;
- (e) Not to be fixed over a stairwell or any other opening between floors;
- (f) Not to be fixed in places of excess or uncommon heat or cold; and
- (g) Smoke detectors and heat detectors are to be inter linked (Reg14 B1).

For more information on alarm specifications, installation and servicing see BS 5446 Part 1 and BS
5839 Part 1 & Part 6.
For power supplies refer to BS 5839 Part 6: 1995.
Fire alarm system to be designed and installed by specialist sub-contractor.

PART C: SITE PREPARATION AND RESISTANCE TO MOISTURE

DAMP PROOFING

DPC to be 2000 gauge polythene to BS 6515. DPCs to be placed :

- 1. 150 mm in each leaf all walls above external finished ground level (bedded in mortar) and at
cills of openings; and
- 2. Vertical DPC with cavity tray, to allow level threshold at entrance door opening.

DPM, provided underground bearing slab and where provided over floor construction, to lap with DPC
(2) by minimum 300mm.
Cavity trays over structural openings, airbricks, meter boxes etc to have weep holes @ 450mm c/cs
(minimum 2 no. per opening) and stop ends.
Generally DPM to be dressed under DPC and vertical DPC's to be minimum 150mm wide.
Cavities to be closed at window and door openings with Thermabate insulating closers.
Close cavities at verges and eaves with mineral wool in polyethylene cover, tightly fitted.

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CONTEMPLATION BUILDING - SECTION C-C
Scale 1:20 @ A1

Rev	Date	Description	By
CLIENT			
CROWBOROUGH TOWN COUNCIL			
PROJECT			
CONTEMPLATION BUILDING			
TITLE			
SECTION C-C			
CDS  Cemeteries & Crematoria  Parks & Leisure  Environmental Solutions			
The CDS Group Building 51, Wrest Park Silsoe, Bedfordshire MK45 4HS			
+44 (0)1525 864387 www.thecdsgroup.co.uk			
Drawn by: AJM		Approved by: JSS	
Scale 1:20 @ A1 Sheet 1 of 1		Drawing Status: TENDER	
Date: JULY 2020		Drawing : CDS_CRB_SML_103	
Rev: 00			