

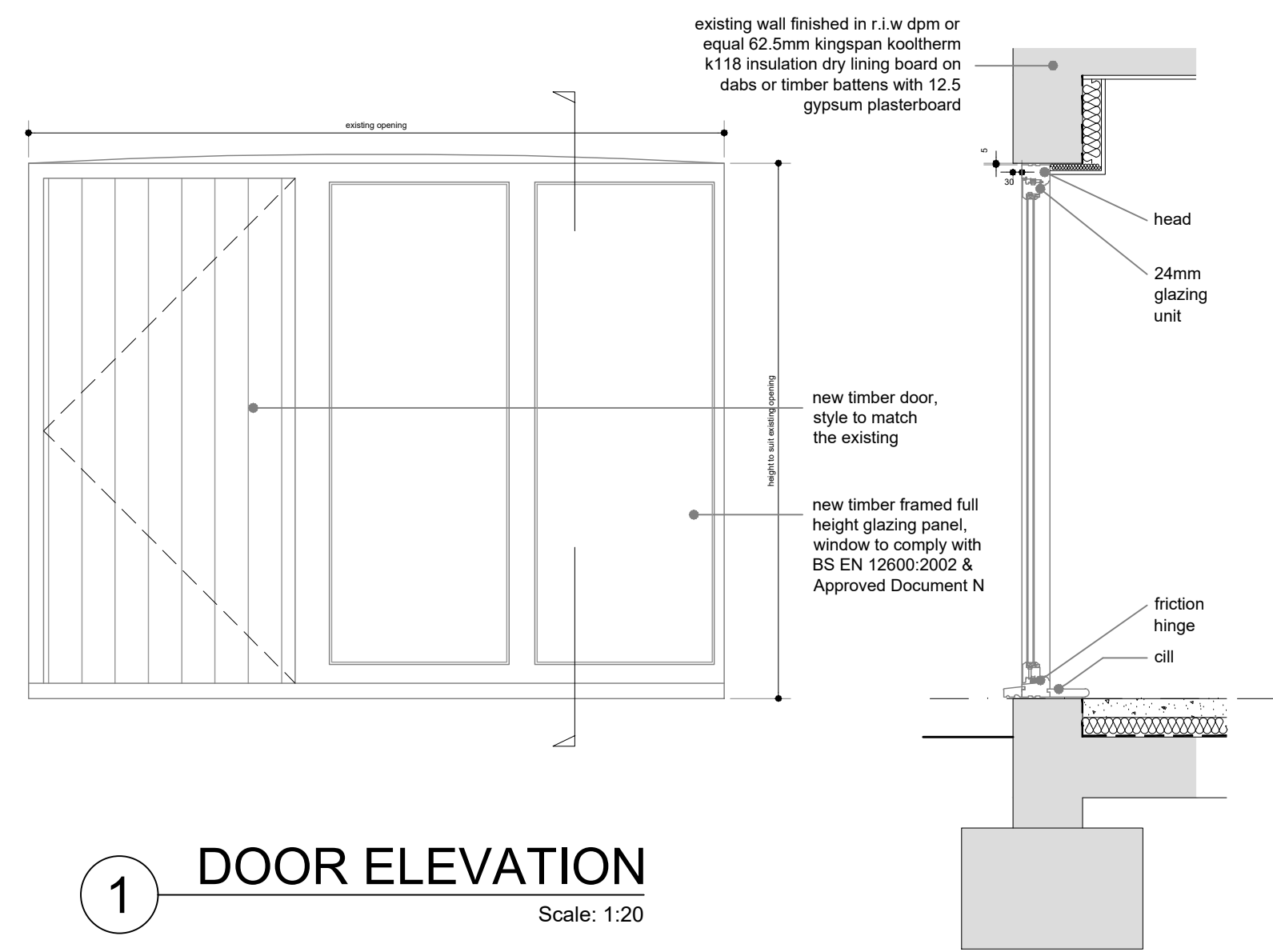
**windows / jambs:**

windows sealed by plaster point outer face with sealant pointing to closed cell foam strip fixed to back of frame before building in, double glazed windows to be factory sealed with units tested to bs:5713 and site marked, all internal seal of units to be below sight line (toproctect from sunlight).

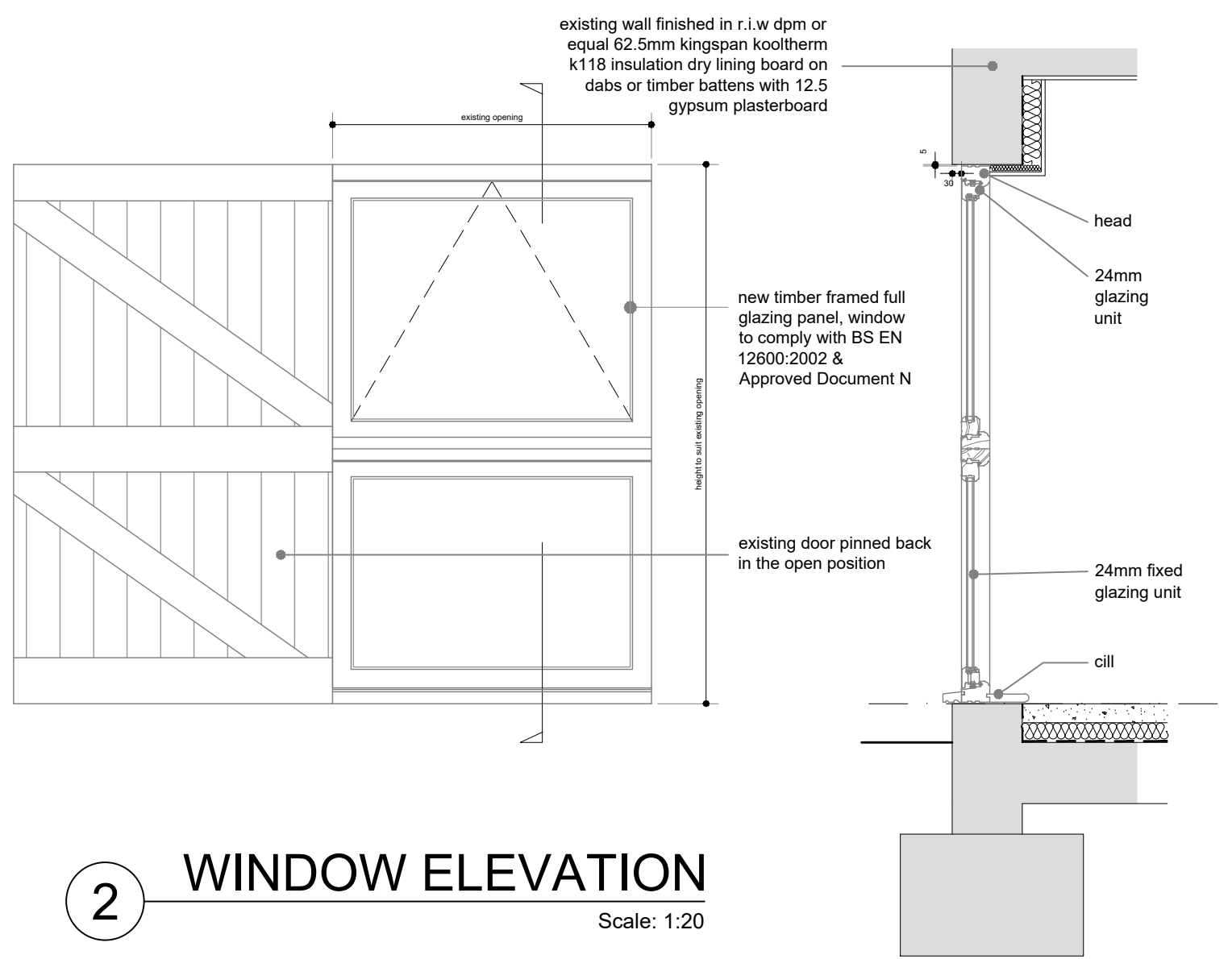
**notes:**

all windows and doors are to be draught stripped, windows are to be double glazed timber (to match existing) with 16mm minimum air gap or 12mm argon filled low e glass  $en=0.05$  to provide a u value max 1.6w/m2k.

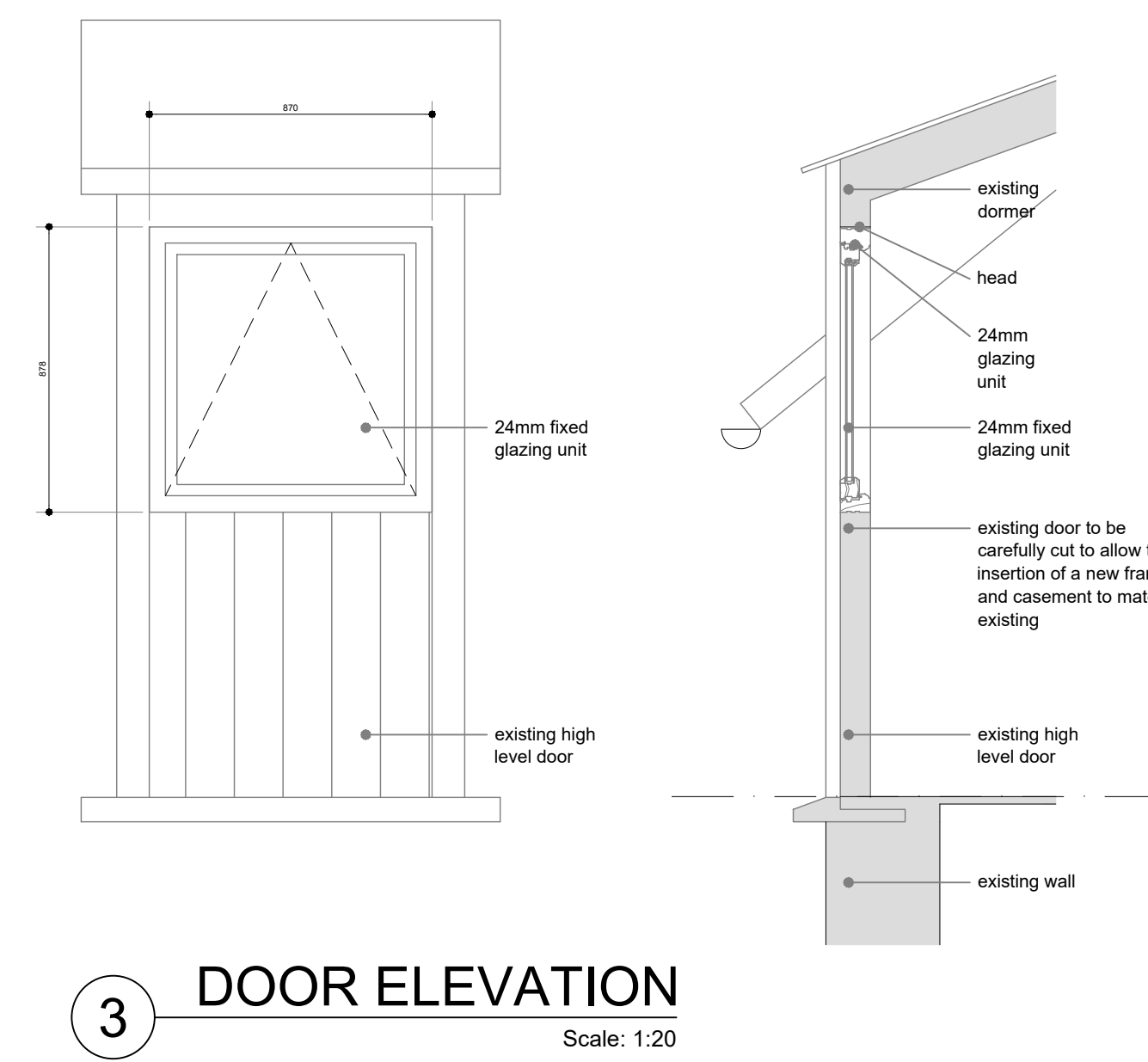
windows, rooflights and doors to be timber (to match ex.) double glazed, low 'e' glass provided and 12mm argon filled gap or 16mm air gap  $en = 0.05$  to provide a u value of max  $u=1.6w/m2k$ , toughened glass to critical areas bs:6205:81 to be used in areas within 800mm of the floor and within 1.500m of the floor to doors and side lights, windows should open at least 30 degrees for purge ventilation based on one twentieth of the floor area, or if opening less than 30 degrees, the ventilation should be based on one tenth of the floor area, height to the bottom of the operable area must be a min of 800mm above floor if not the a safety bar must be incorporated subject to min egress being retained.



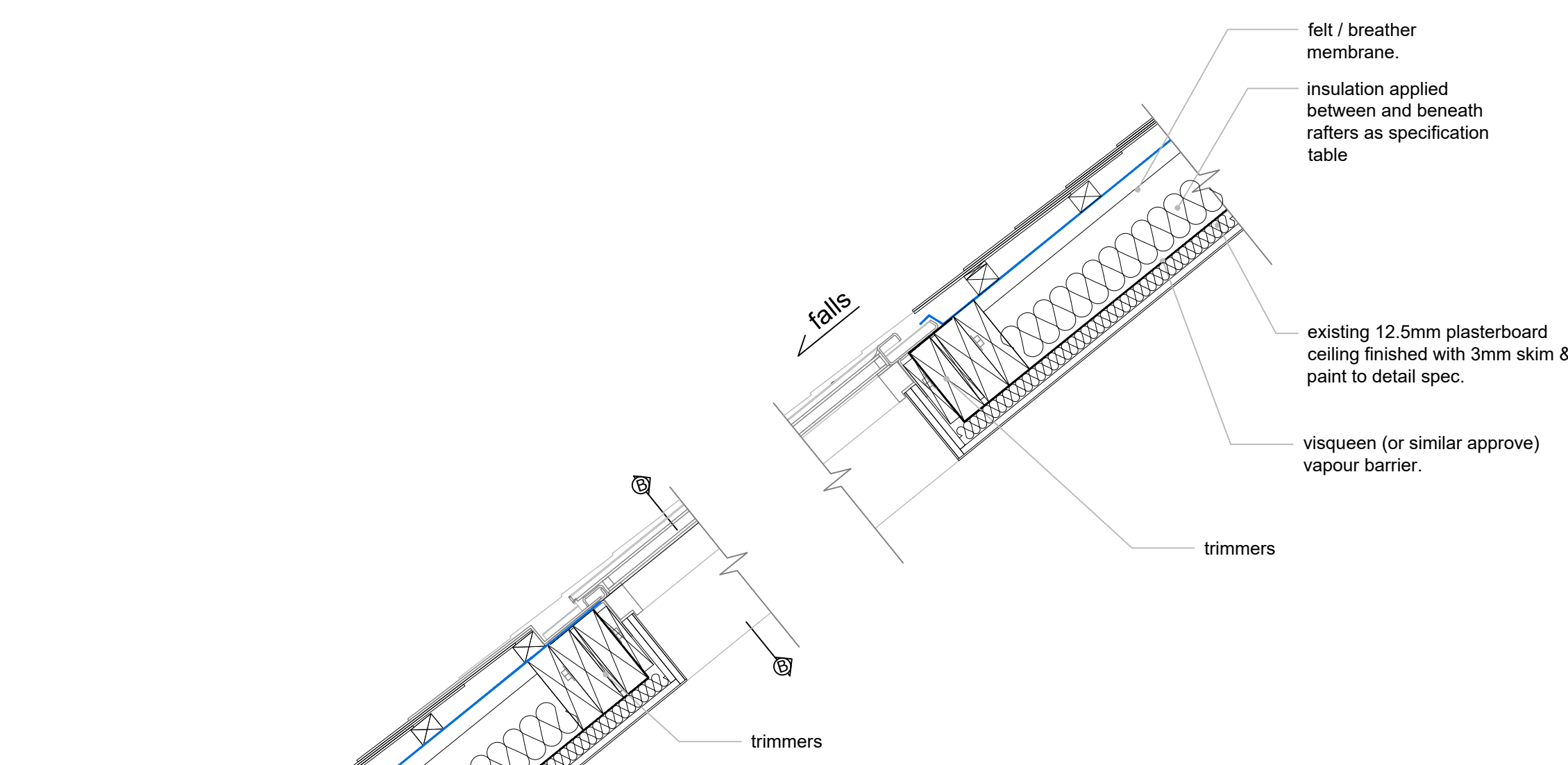
1 DOOR ELEVATION  
Scale: 1:20



2 WINDOW ELEVATION  
Scale: 1:20



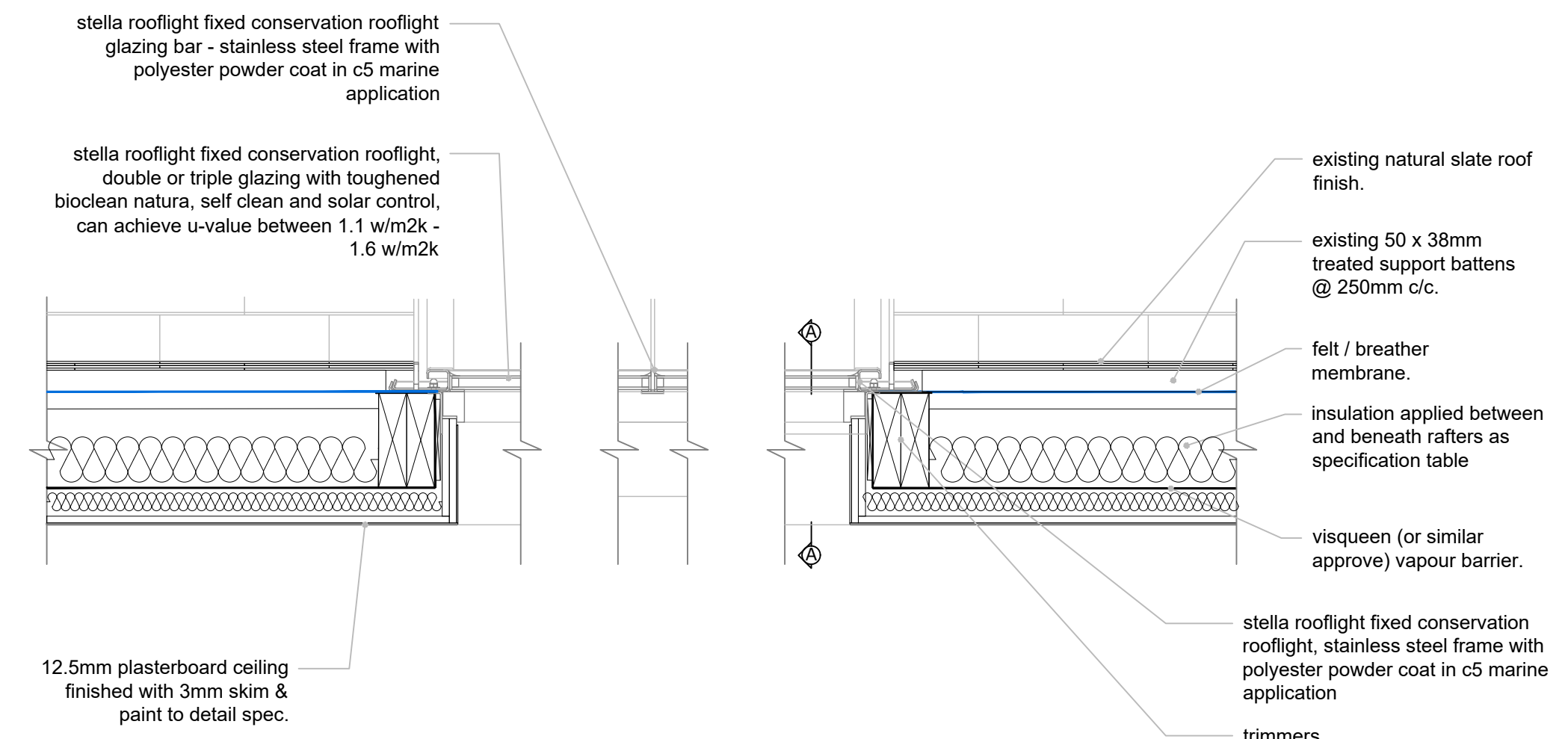
3 DOOR ELEVATION  
Scale: 1:20



**detail notes:**  
 stella rooflight conservation rooflight requires bespoke design according to project requirements, suitable for a pitched roof between 17 and 70 degrees. frame: 316l stainless steel with polyester powder coat in c5 marine application, ral colours available.  
 thermal performance: u-value between 1.1 w/m2k and 1.6 w/m2k whole unit value achievable subject to design requirements.  
 interior lining: american ash with neutral oil protective coating as standard, other hardwood options and paint finishes available.  
 integrity: wind and weather performance to harmonised standard bs en14351-1:2006 + a1:2010.  
 glazing: double or triple glazed, outer toughened bioclean natura, self clean and solar control.

roof construction to achieve a 'u' value compliant with local regulations, potential thermal bridge area at joist support overcome by installing overlapped high performing rigid insulation or similar to 38mm ceiling batten zone extended a minimum 750mm all round aperture, a rigid insulation is a highly insulated block that helps to eliminate cold bridging at junctions.

this drawing shows a stella rooflight 'flush' conservation rooflight on a natural slate tile finished roof option, and is not site specific, contact manufacturer for further details.



**conservation rooflight detail on slate finished roof: cross section b - b**

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1:2500	0	1	50m	100m	200m
1:1250	0	5m	20m	40m	80m
1:500	0	2m	4m	8m	16m
1:200	0	1m	2m	4m	8m
1:100	0	0.5m	1m	2m	4m

notes:  
 any discrepancies should be reported immediately  
 all dimensions should be checked on site prior to commencement of work  
 site/survey based on ordnance survey information provided by prodat systems plc, (www.promap.co.uk) prodat does not guarantee that all past or current uses or features will be identified in the product

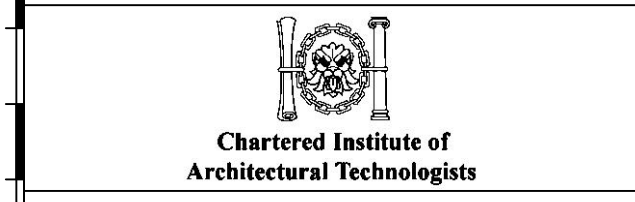
the product does not give details about the actual state or condition of the site nor should it be used or taken to indicate or exclude actual suitability or unsuitability of the site for any particular purpose, or relied upon for determining suitability or value, or used as a substitute for any physical investigation or inspection.  
 drawings to be read in accordance with the dwelling emission rate (der/ter) calculation, the building must be built 'as designed' meeting the criteria set for air permeability.

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 note when printing off pdf's, it is the responsibility of the user to verify that the resulting prints are to scale on the appropriate sized sheet, also that the scale bars on the plan measure correctly.

19.01.24 Revised to show high level door details as requested by the planning officer



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Description	
Project	The Larkins Much Hadham SG10 6AL
Drawing	Building regulation drawing Listed building details

Date 19/01/2024  
 Scale 1:10 & 1:20  
 Sheet size A1  
 Drawn

13557-W-003-A