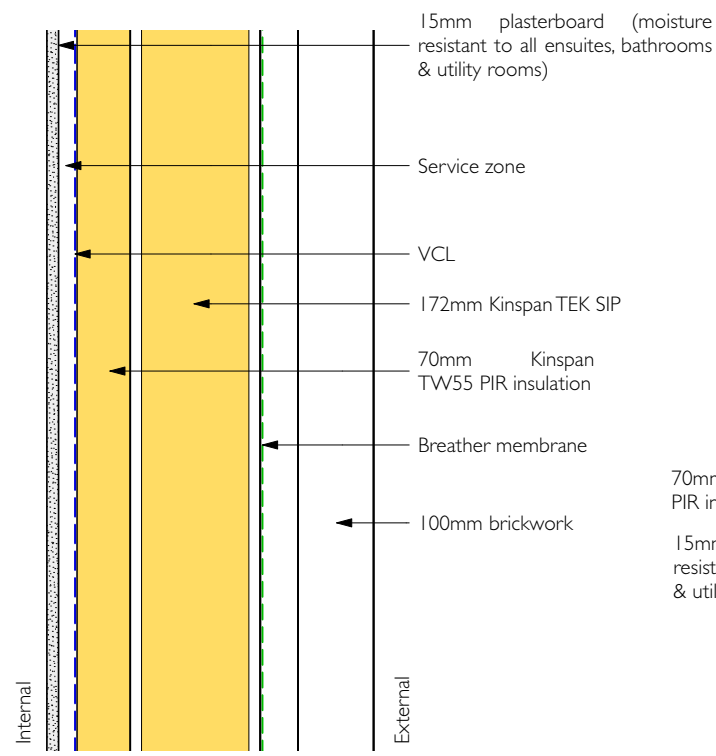
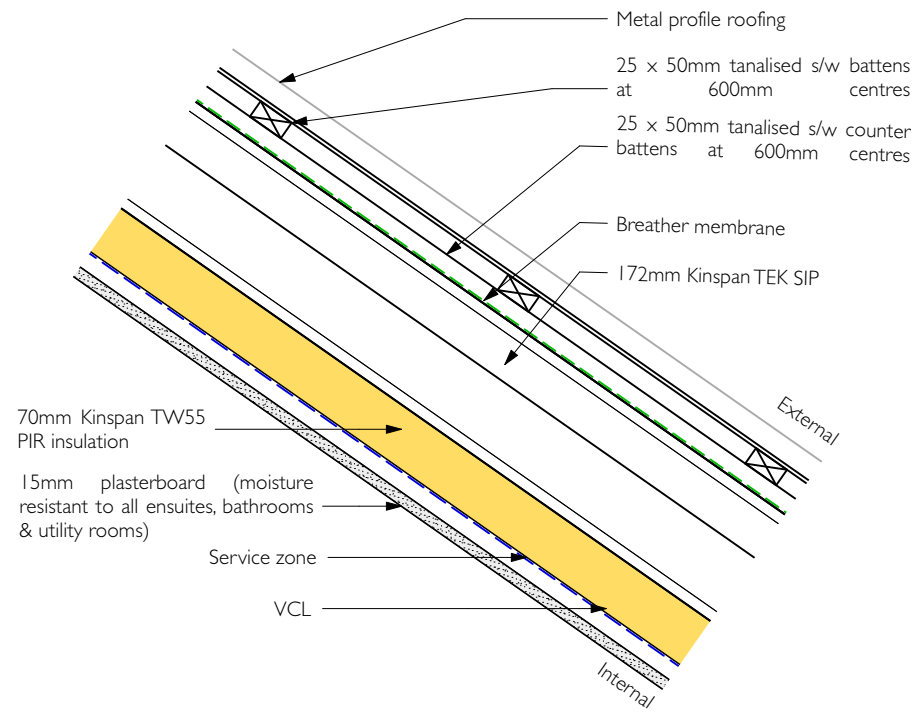


First Floor Wall Build UP
1:10 @ A3



Ground Floor Wall Build UP
1:10 @ A3



Roof Build UP
1:10 @ A3

Kingspan TEK® Building System walls with 102.5 mm brickwork outer leaf

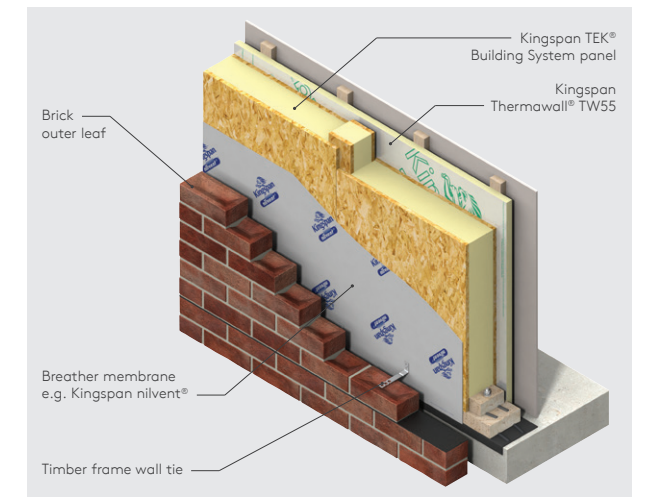
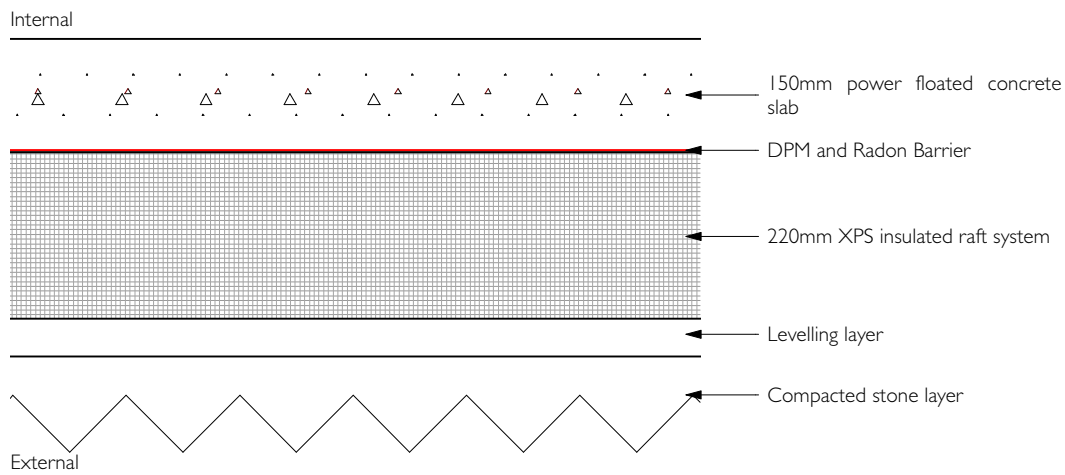


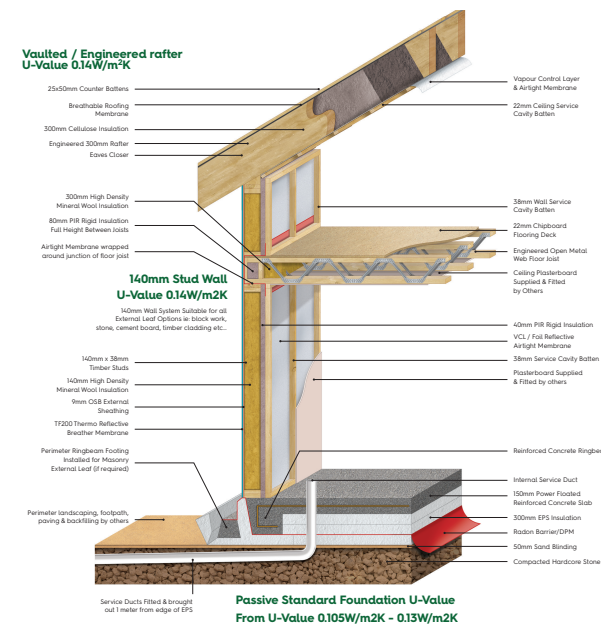
Figure 1

U-values for Kingspan TEK® Building System walls with various thicknesses of additional insulation and different breathable membranes

Thickness of Kingspan TEK® Building System panels (mm)	Thickness of Kingspan Thermawall® TW55 (mm)	U-value (W/m²K)	
		Standard breathable membrane	Foil faced breathable membrane
142	0	0.19	0.18
142	20	0.15	0.15
142	25	0.15	0.15
142	30	0.14	0.14
142	40	0.13	0.13
142	50	0.13	0.12
142	60	0.12	0.12
142	70	0.11	0.11
142	75	0.11	0.11
142	80	0.11	0.10
142	90	0.10	0.10
172	0	0.16	0.15
172	20	0.13	0.13
172	25	0.13	0.12
172	30	0.12	0.12
172	40	0.12	0.11
172	50	0.11	0.11
172	60	0.11	0.10
172	70	0.10	0.10



Floor Build Up - Insulated raft foundation - U-Value 0.11
1:10 @ A3



Detail Example - Insulated raft foundation
NTS @ A3

Detail Example - Kingspan TEK System
NTS @ A3

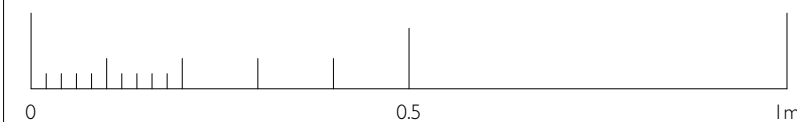
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Drawing Status: Planning

Do not scale from this drawing except for planning purposes.

NOTES:



Scale Bar 1:10 @ A3

A 06/02/2024 Scale bar added and title block amended following comments from planning

CLIENT
Nicholas Gillanders

PROJECT TITLE
2303
2 New Dwellings

LOCATION
Land to Rear of Green Crescent
Gosport

DRAWING TITLE
Construction build ups

RIBA
Chartered Practice

SCALE
1:100 @ A3

DRAWN BY
MP

DATE
August 2023

DRAWING NO.
2303_P_06

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