



Roadstone Custom Psi values

U Value Range (W/m ² K)	Roadstone TLB Psi (Ψ) Value	
	Option A	Option B
0.21	0.070	0.055
0.15	0.061	0.054
		0.061

As modelled by NSAI registered Thermal Modellers:

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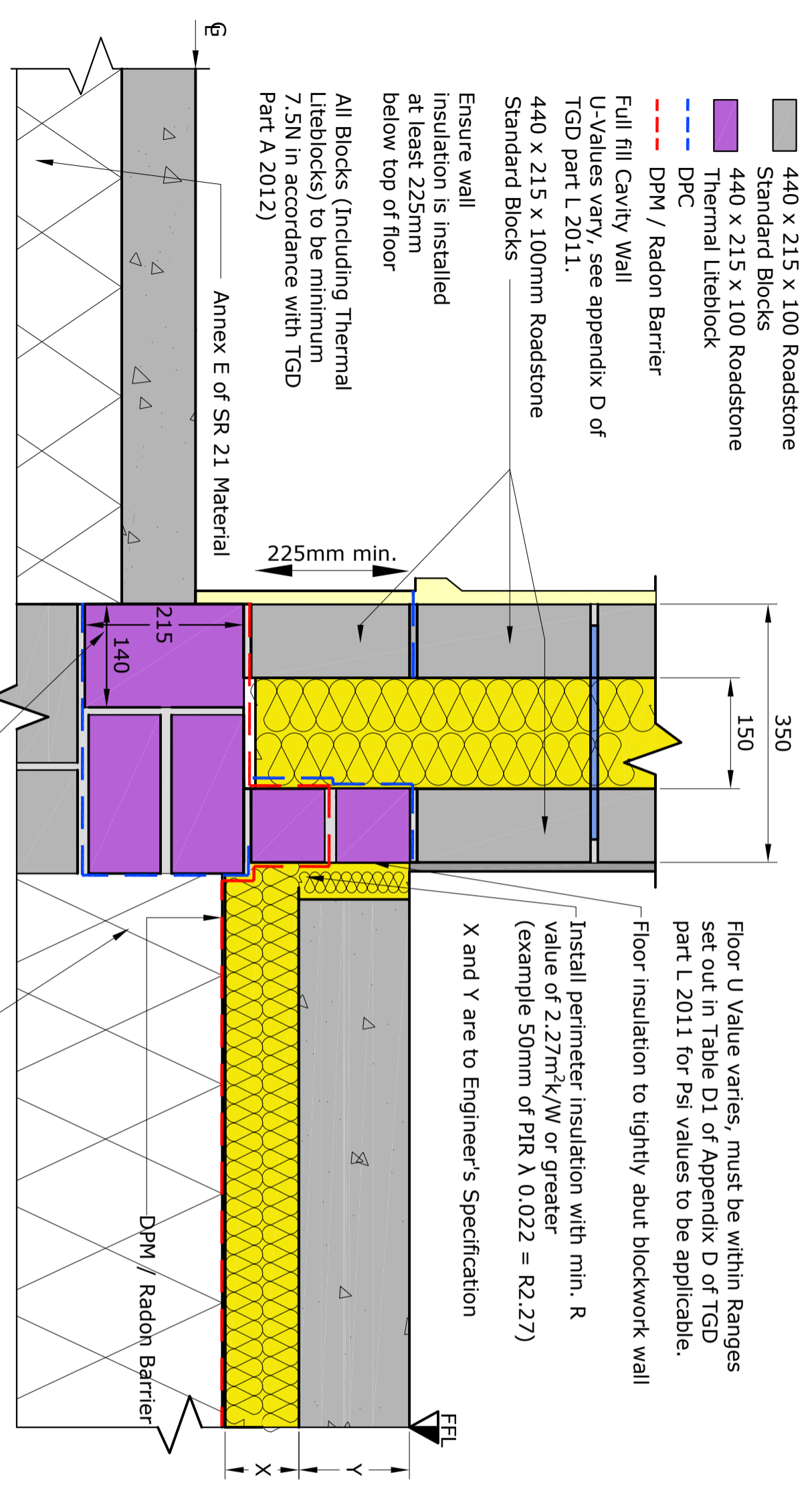
Diarmuid Hynes
Evolution Innovation Ltd.
Registration Number IAB/TM/04
NSAI Approved Thermal Modeller

NSAI
Agreement

Andrew Dunne
Evolution Innovation Ltd.
Registration Number IAB/TM/07
NSAI Approved Thermal Modeller

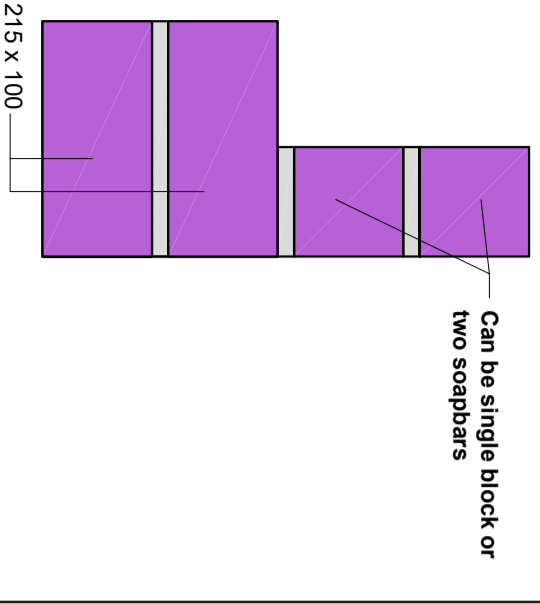
All options pass fRsi assessment, no surface condensation predicted

Options A and B in the 0.15 and 0.21 W/m² K U Value ranges surpass default Psi values and therefore a default y-value of 0.08 can be assumed using these options without a y-value calculation, provided all other details in the building comply with the published ACDS / Roadstone details.



Note: Alternative Configuration Depending on Y Value Requirements

OPTION B



OPTION A

Use Roadstone Thermal Liteblock configuration A or B as advised by Y-Value calculation and Roadstone Technical Support

The diagrams, drawings and details included in this brochure are for indicative purposes only. They do not constitute nor should they be relied upon as giving/providing any design detail. They focus on the issues of thermal performance only. Insulation thicknesses of the main building elements have not been provided, as these are dependent on the thermal properties of the materials chosen, as well as on the desired U value. These diagrams, drawings and details illustrate good practice for the design and construction of interfaces solely in connection with thermal performance. The product should be used with due regard to all other requirements imposed by the Building Regulations and advices should be sought from a design professional in connection with the use of this product where required.

REVISION: A

DWG. NO.: DETAIL RS 1.02b FF

DATE: April 2018

SCALE: NTS

JUNCTION: FULL FILL CAVITY WALL/ INSULATION BELOW SLAB WITH ADDITIONAL PERIMETER INSULATION

TO BE READ IN CONJUNCTION WITH Y-VALUE CALCULATION

