

NOTES

- The contractor is responsible for checking dimensions, tolerances and references. Any discrepancy to be verified with the Architect before proceeding with the works.
- Where an item is covered by drawings to different scales the larger scale drawing is to be worked to.
- Do not scale drawing. Figured dimensions to be worked to in all cases.

The structural / civil engineering and other non-architectural information shown on this drawing is purely for co-ordination purposes only and in no way does it take on any responsibility or liability for MBA Ltd. For all detailed information relating to these items see the relevant consultants drawings and full design information.

Do not copy in full or in part without the expressed consent of MBA Ltd.

© MBA 2019
CDM Regulations 2015

ALL current drawings and specifications for the project must be read in conjunction with the Designer's Hazard and Environmental Assessment Record.

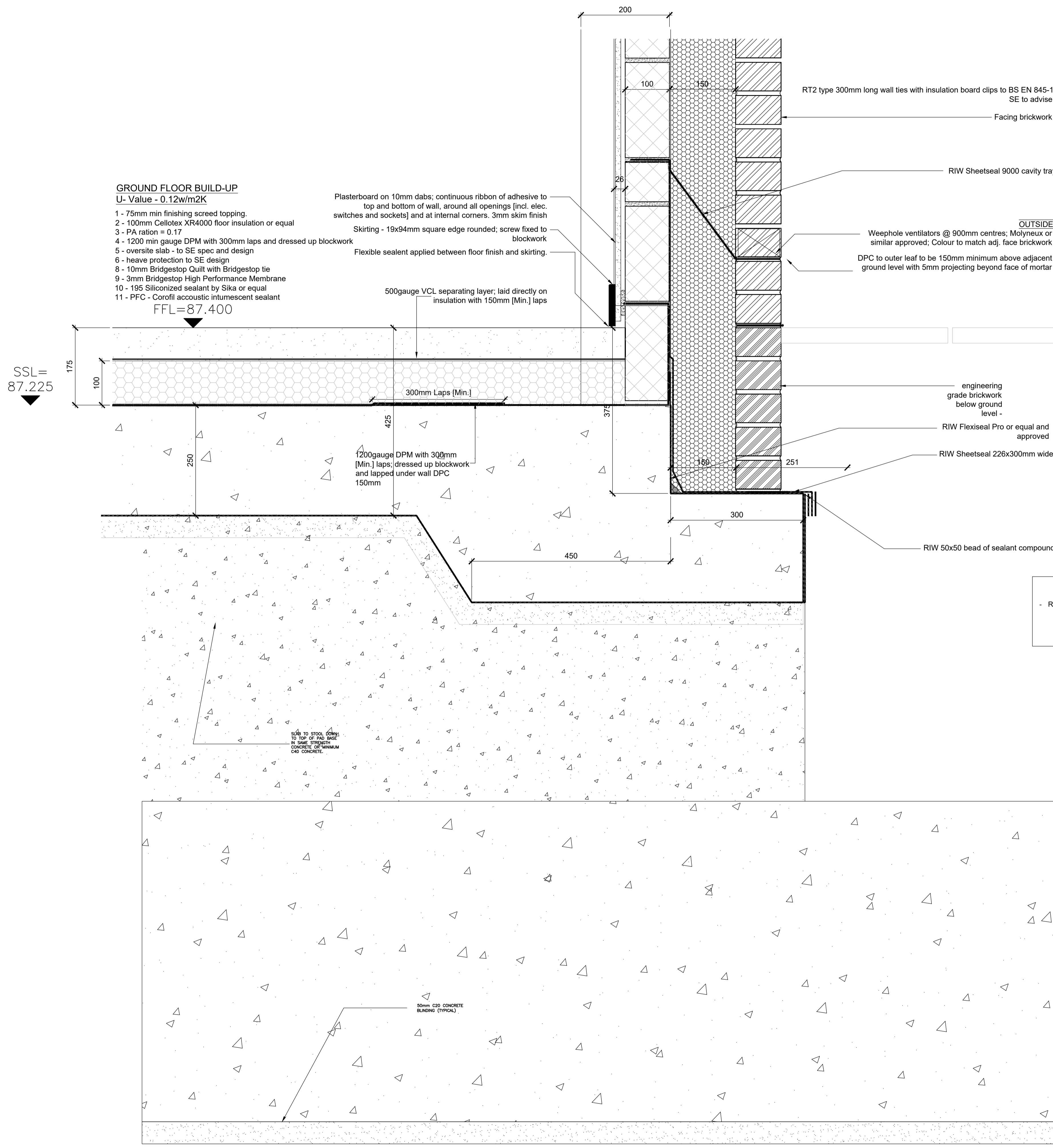
WALL TYPE 1- REF WT1 - TYPICAL EXTERNAL WALL
TARGET U VALUE 0.21W/M²

1. 215x102.5x65mm brickwork see elevations and Material schedule for locations or specific brick types.
2. Stainless steel Type 1 wall ties to PD 6697 - 300mm long to suit 150mm cavity generally at 450mm vertical centres and 750mm horizontal centres.
3. full fill blown cavity wall insulation - Knauf Supafil 40 or equal cavity free from snots
4. 100mm loadbearing lightweight block work skin. Density 600-800kg/m³ Strength to S.E. design. thermal resistance no greater than 0.110- Tarmac Durox or equal
5. 12.5mm gypsum based sound bloc plasterboard lining on plaster dabs and 3mm skim coat finish or tape and joint to suit project Specification.

Ref	Description	Proposed by volume	Checked by volume	Approved by volume	Quantity	Material	Material description
1	215x102.5x65mm brickwork	1:1.04	1:0.8	1:0.8	2.0	Brickwork	215x102.5x65mm
2	Stainless steel Type 1 wall ties	1:1.04	1:0.8	1:0.8	2.0	Wall ties	Stainless steel Type 1
3	Blown cavity wall insulation	1:1.04	1:0.8	1:0.8	2.0	Insulation	Blown cavity wall insulation
4	100mm loadbearing lightweight block work skin	1:1.04	1:0.8	1:0.8	2.0	Blockwork	100mm loadbearing
5	12.5mm gypsum based sound bloc plasterboard lining	1:1.04	1:0.8	1:0.8	2.0	Plasterboard	12.5mm gypsum based

Brick/block type	Use/minimum standard of brick or block	Walls up to DPC (sulphates in soils)
Clay bricks	FL, FN, ML, MN ⁽¹⁾	FL, FN, ML, MN ⁽¹⁾
Calcium silicate bricks	Class 3 ⁽²⁾	Class 3 ⁽²⁾
Concrete bricks	Min strength 20N/mm ² ⁽³⁾	Min strength 20N/mm ² ⁽³⁾
Block work	Min strength 7N/mm ² and density greater than 1500kg/m ³ ⁽⁴⁾	Min strength 7N/mm ² and density greater than 1500kg/m ³ ⁽⁴⁾

Notes: ⁽¹⁾ If the site is wet or saturated at ground level use FL or FN bricks only.
⁽²⁾ Denotes a minimum standard - higher classifications may be used.
⁽³⁾ For Class 1 and Class 2 sulphates, check with manufacturers to confirm suitability of brick; for Class 3 sulphates, use engineering quality concrete bricks.
⁽⁴⁾ Autoclaved aerated blocks with independent appropriate third party certification are acceptable.



01 SUB-STRUCTURE DETAILS
GROUND FLOOR PERIMETER WALL INTERFACE

REV:	DESCRIPTION:	BY:	DATE:
------	--------------	-----	-------



STATUS: Contractor/Tender set



CLIENT: Taylor French
Taylor French Barns
Shipston
Winslow - MK18 3JL

ARCHITECT: Mark Bell Architects Ltd
The Braid, Little Street
Sulgrave, Oxfordshire OX17 2SG
Tel 07788251765 W-markbellarchitects.com

SITE: ELMSBROOK NEIGHBOURHOOD CENTRE, NW BICESTER

TITLE: SUPERSTRUCTURE DETAILS - sheet 10

SCALE AT A1:	DATE:	DRAWN:	CHECKED:
1:5/1:10	08/04/20	MDB	MB
PROJECT NO:	DRAWING NO:	REVISION:	
AA048	AA048/6.1/010	C1	