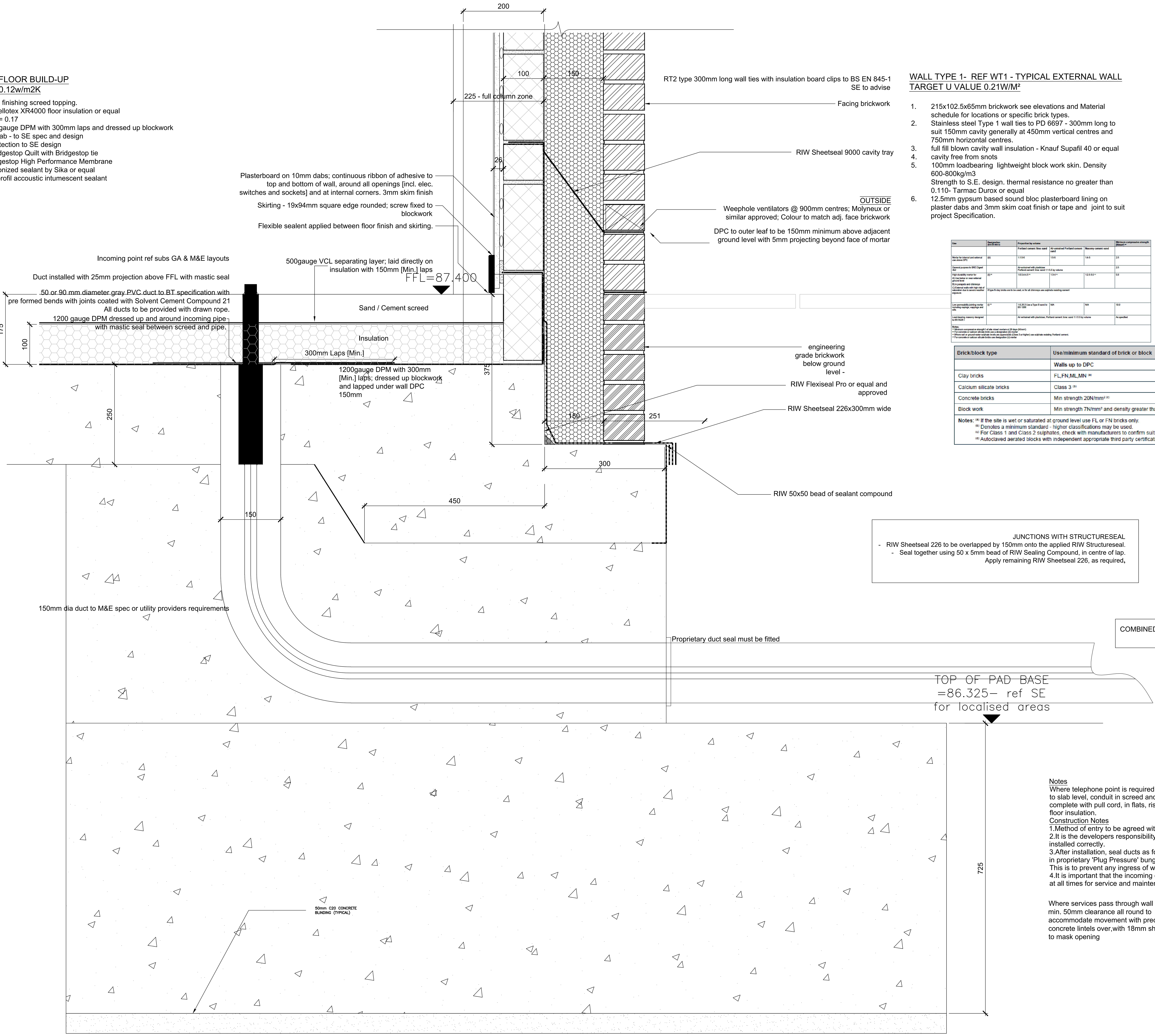
GROUND FLOOR BUILD-UP
U- Value - 0.12w/m2K

1 - 75mm min finishing screed topping.
2 - 100mm Cellotex XR4000 floor insulation or equal
3 - PA ration = 0.17
4 - 1200 min gauge DPM with 300mm laps and dressed up blockwork
5 - oversite slab - to SE spec and design
6 - heave protection to SE design
8 - 10mm Bridgestop Quilt with Bridgestop tie
9 - 3mm Bridgestop High Performance Membrane
10 - 195 Siliconized sealant by Sika or equal
11 - PFC - Corofil accoustic intumescent sealant



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
4. cavity free from snots
5. 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
6. 12.5mm gypsum based sound bloc plasterboard lining on plaster dabs and 3mm skim coat finish or tape and joint to suit project Specification.

Use	Designation (BS EN 998-3)	Proportion by volume			Minimum compressive strength (N/mm²) (a)
		Portland cement: lime: sand	Air-entrained Portland cement: sand	Masonry cement: sand	
Mortar for internal and external use above DPC	(iii)	1:1:5-6	1:5-6	1:4-5	2.5
General purpose to BRE Digest 362		Air-entrained with plasticiser Portland cement: lime: sand 1:1:5.5 by volume			2.5
High durability mortar for A) Use below or near external ground level B) in parapets and chimneys C) External walls with high risk of saturation due to severe weather exposure	(ii) (b)	1:0.5:4-4.5 (c)	1:3-4 (c)	1:2.5-3.5 (c)	5.0
	If type N clay bricks are to be used, or for all chimneys use sulphate resisting cement				
Low permeability jointing mortar including copings, cappings and sills	(i) (d)	1:0.25:3 Use a Type S sand to BS 1200	N/A	N/A	10.0
Load-bearing masonry designed to BS 5628:1		Air entrained with plasticiser, Portland cement: lime: sand 1:1:5.5 by volume			As specified

Notes:
(a) Minimum compressive strength1 of site mixed mortars at 28 days (N/mm²)
(b) For concrete or calcium silicate brick use a designation (iii) mortar
(c) Where soil or ground-water sulphate levels are appreciable (Class 3 or higher) use sulphate resisting Portland cement.
(d) For concrete or calcium silicate bricks use designation (ii) mortar

Brick/block type	Use/minimum standard of brick or block	
	Walls up to DPC	Walls up to DPC (sulphates in soils)
Clay bricks	FL,FN,ML,MN (a)	FL,FN,ML,MN (a)
Calcium silicate bricks	Class 3 (b)	Class 3 (b)
Concrete bricks	Min strength 20N/mm² (c)	Min strength 20N/mm² (c)
Block work	Min strength 7N/mm² and density greater than 1500kg/m³ (d)	Min strength 7N/mm² and density greater than 1500kg/m³ (d)

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

Notes
Where telephone point is required on an internal wall, provide conduit drop to slab level, conduit in screed and rise to telephone point in partition, complete with pull cord, in flats, rise to upper floors and repeat ground floor insulation.

Construction Notes
1.Method of entry to be agreed with BT at the initial design stage.
2.It is the developers responsibility to ensure that all duct seals have been installed correctly.
3.After installation, seal ducts as follows. Tie drawn rope in hole provided in proprietary 'Plug Pressure' bung and insert into end of duct and tighten. This is to prevent any ingress of water or gas into property.
4.It is important that the incoming duct is sited so that access can be made at all times for service and maintenance.

Where services pass through wall provide min. 50mm clearance all round to accommodate movement with precast concrete lintels over,with 18mm sheathing ply to mask opening

01 SUB-STRUCTURE DETAILS
GROUND FLOOR PERIMETER WALL INTERFACE- INCOMING SERVICES - DATA

Notes:

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.

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.

REV:	DESCRIPTION:	BY:	DATE:

TAYLOR FRENCH DEVELOPMENTS

STATUS: Contractor/Tender set

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TITLE: SUPERSTRUCTURE DETAILS - sheet 6

SCALE AT A1:	DATE:	DRAWN:	CHECKED:
1:5/1:10	08/04/20	MDB	MB
PROJECT NO:	DRAWING NO:		REVISION:
AA048	AA048/6.1/006		C1