

- 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.

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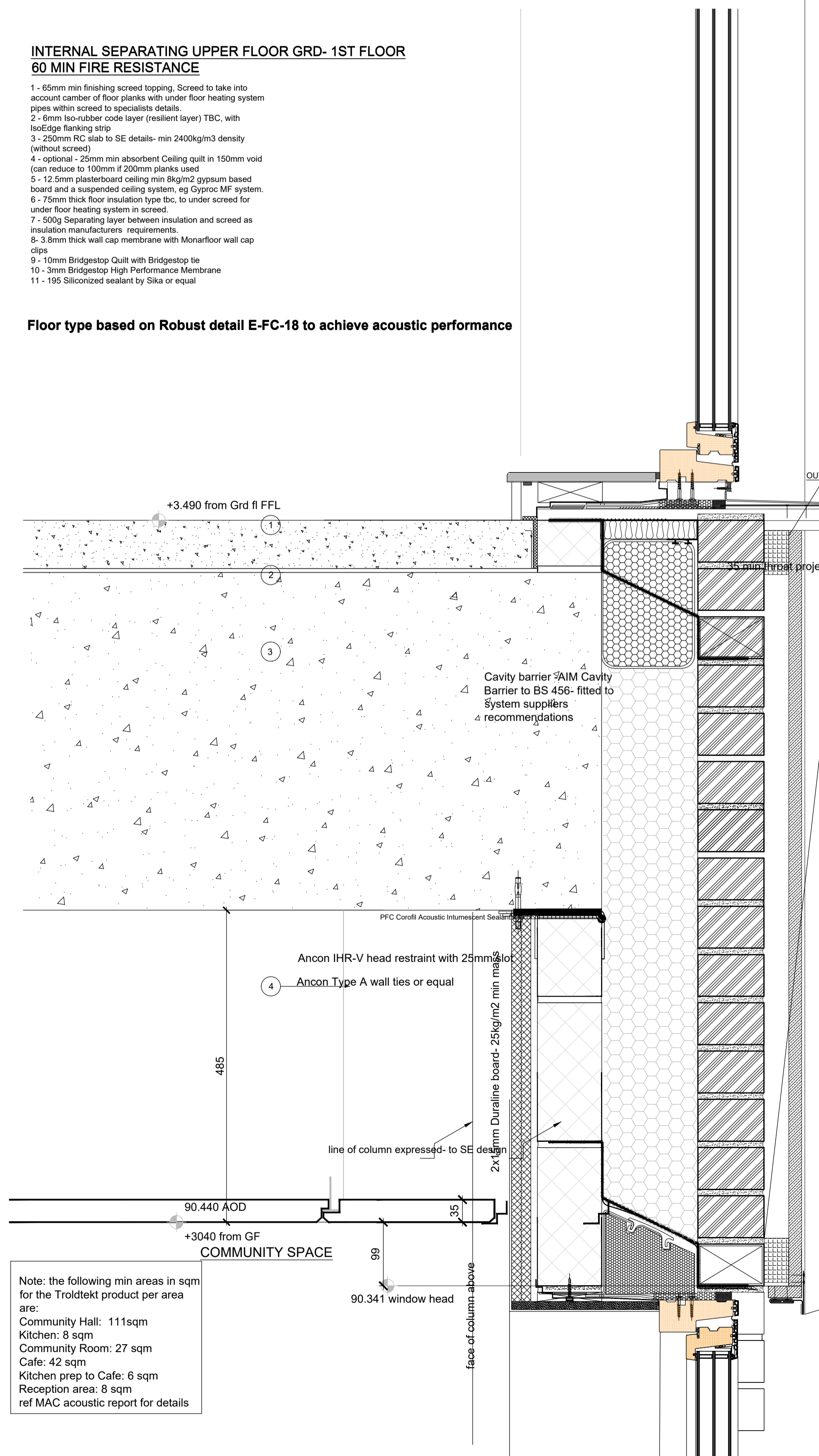
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CDM Regulations 2015

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

**INTERNAL SEPARATING UPPER FLOOR GRD- 1ST FLOOR  
60 MIN FIRE RESISTANCE**

- 1 - 65mm min finishing screed topping. Screed to take into account camber of floor planks with under floor heating system pipes within screed to specialists details.
- 2 - 6mm iso-rubber code layer (resilient layer) TBC, with IsoEdge flanking strip
- 3 - 250mm RC slab to SE details- min 2400kg/m3 density (without screed)
- 4 - optional - 25mm min absorbent Ceiling quilt in 150mm void (can reduce to 100mm if 200mm planks used)
- 5 - 12.5mm plasterboard ceiling min 8kg/m2 gypsum based board and a suspended ceiling system, eg Gyproc MF system.
- 6 - 75mm thick floor insulation type tbc, to under screed for under floor heating system in screed.
- 7 - 500g Separating layer between insulation and screed as insulation manufacturers requirements.
- 8 - 3.8mm thick wall cap membrane with Monarfloor wall cap clips
- 9 - 10mm Bridgestop Quilt with Bridgestop tie
- 10 - 3mm Bridgestop High Performance Membrane
- 11 - 195 Siliconized sealant by Sika or equal

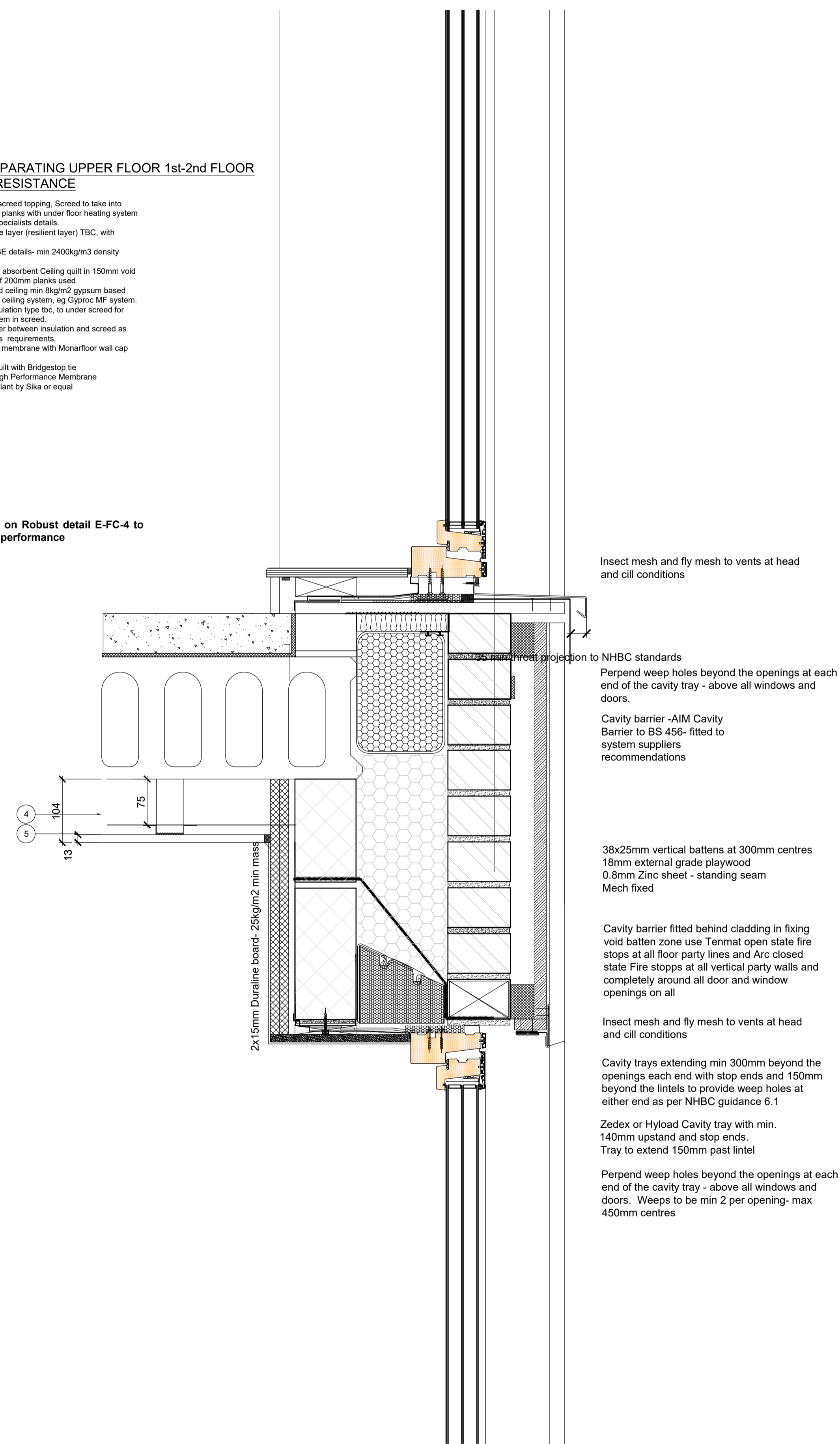
Floor type based on Robust detail E-FC-18 to achieve acoustic performance



**INTERNAL SEPARATING UPPER FLOOR 1st-2nd FLOOR  
60 MIN FIRE RESISTANCE**

- 1 - 65mm min finishing screed topping. Screed to take into account camber of floor planks with under floor heating system pipes within screed to specialists details.
- 2 - 6mm iso-rubber code layer (resilient layer) TBC, with IsoEdge flanking strip
- 3 - 250mm RC slab to SE details- min 2400kg/m3 density (without screed)
- 4 - optional - 25mm min absorbent Ceiling quilt in 150mm void (can reduce to 100mm if 200mm planks used)
- 5 - 12.5mm plasterboard ceiling min 8kg/m2 gypsum based board and a suspended ceiling system, eg Gyproc MF system.
- 6 - 75mm thick floor insulation type tbc, to under screed for under floor heating system in screed.
- 7 - 500g Separating layer between insulation and screed as insulation manufacturers requirements.
- 8 - 3.8mm thick wall cap membrane with Monarfloor wall cap clips
- 9 - 10mm Bridgestop Quilt with Bridgestop tie
- 10 - 3mm Bridgestop High Performance Membrane
- 11 - 195 Siliconized sealant by Sika or equal

Floor type based on Robust detail E-FC-4 to achieve acoustic performance



NOTE:  
Cavity barrier fitted behind cladding in fixing void batten zone use Tenmat open state fire stops at all floor party lines and Arc closed state Fire stops at all vertical party walls and completely around all door and window openings on all- or equal, ref NVFB & FF 102-50 by Tenmat or equal

OUTSIDE

OUTSIDE

25mm throat projection to NHBC standards

Insect mesh and fly mesh to vents at head and cill conditions

38x25mm vertical battens at 300mm centres  
18mm external grade playwood  
0.8mm Zinc sheet - standing seam  
Mech fixed

Cavity barrier - AIM Cavity Barrier to BS 456- fitted to system suppliers recommendations

25mm throat projection to NHBC standards

Insect mesh and fly mesh to vents at head and cill conditions

38x25mm vertical battens at 300mm centres  
18mm external grade playwood  
0.8mm Zinc sheet - standing seam  
Mech fixed

Cavity barrier fitted behind cladding in fixing void batten zone use Tenmat open state fire stops at all floor party lines and Arc closed state Fire stops at all vertical party walls and completely around all door and window openings on all

Insect mesh and fly mesh to vents at head and cill conditions

Cavity trays extending min 300mm beyond the openings each end with stop ends and 150mm beyond the lintels to provide weep holes at either end as per NHBC guidance 6.1

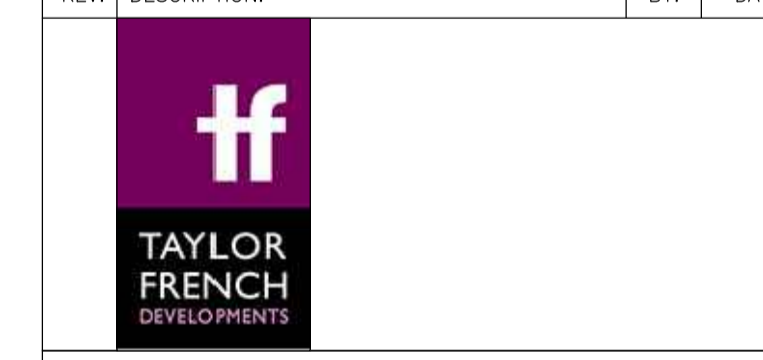
Zedex or Hyload Cavity tray with min. 140mm upstand and stop ends. Tray to extend 150mm past lintel

Perpend weep holes beyond the openings at each end of the cavity tray - above all windows and doors. Weeps to be min 2 per opening- max 450mm centres

Cavity barrier fitted behind cladding in fixing void batten zone use Tenmat open state fire stops at all floor party lines and Arc closed state Fire stops at all vertical party walls and completely around all door and window openings on all

Insect mesh and fly mesh to vents at head and cill conditions

REV:	DESCRIPTION:	BY:	DATE:
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STATUS: Contractor/Tender set



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SITE: ELMSBROOK NEIGHBOURHOOD CENTRE, NW BICESTER

TITLE: SUPERSTRUCTURE DETAILS - sheet 15

SCALE AT A1:	DATE:	DRAWN:	CHECKED:
1:5/1:10	08/04/20	MDB	MB
PROJECT NO:	DRAWING NO:	REVISION:	
AA048	AA048/6.1/015	C1	