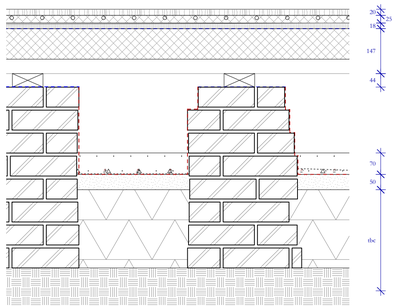


Floor Type A01
Ground Floor Suspended Timber Floor

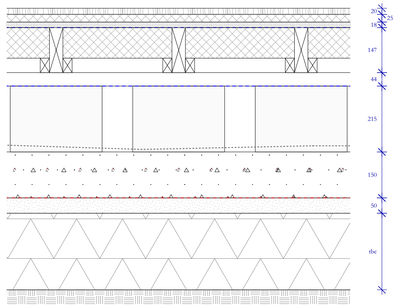
Top

20mm	Engineered Timber Floor Board (Inc. Leveller & Adhesive)
25mm	Insulated board w/intregrated dry system ufh
18mm	OSB 3 Board
	Vapour Control Layer
100mm	Unilin ECO360 MA Insulation between joists
147mm	44x147mm C16 Timber joists @400 c/c
50mm	35x50mm battens
44mm	44x147mm wall plate
	Damp Proof Course
150mm	Existing dwarf walls
70mm	Concrete slab
	Damp Proof/ Radon Membrane (RMB 400)
50mm	Sand Binding Layer
tbc	T1 Hardcore (TBC)
tbc	T2 Hardcore (TBC)

Bottom

U-Value = tbc

Floor Type A01:
Lay new 20mm engineered timber floor bonded to levelling compound on 25mm insulated board with underfloor heating pipes intregrated and installed to manufacturer's instructions, on 18mm OSB 3 board deck on vapour control layer lapped up at edges and taped to adjacent walls to detail, on 44mmx147mm C16 timber floor joists to engineers spec with 35x50mm battens fixed to base with 100mm Unilin ECO360 MA Insulation foil-faced high performance rigid urethane insulation installed to between joists tomanufacturers instructions, on 44x147mm wall plate on DPC on existing dwarf walls retained and consolidated to form ventilated cavity. On 70mm reinforced concrete slab to engineers specification and detail, on Monarflex RMB 400 DPM / Radon barrier sheeting to form continuous moisture barrier, laid in accordance with CP 102 with all joints lapped 150mm and sealed and lapped up. No punctures allowed. On 50mm sand blinding on well compacted clause 804 hardcore to engineer's specification.



Floor Type A02
Ground Floor Suspended Timber Floor

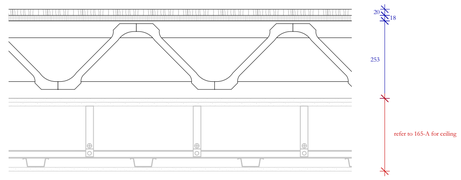
Top

20mm	Engineered Timber Floor Board
25mm	Insulated board w/intregrated dry system ufh
18mm	OSB 3 Board
	Vapour Control Layer
100mm	Unilin ECO360 MA Insulation between joists
147mm	44x147mm C16 Timber joists @400 c/c
50mm	35x50mm battens
44mm	44x147mm wall plate
	Damp Proof Course
215mm	Tassel wall in blockwork
150mm	Concrete slab w/1 layer of A525 mesh
	Damp Proof/ Radon Membrane (RMB 400)
50mm	Sand Binding Layer
tbc	T1 Hardcore (TBC)
tbc	T2 Hardcore (TBC)

Bottom

U-Value = tbc

Floor Type A02:
Lay new 20mm engineered timber floor bonded to levelling compound on 25mm insulated board with underfloor heating pipes intregrated and installed to manufacturer's instructions, on 18mm OSB 3 board deck on vapour control layer lapped up at edges and taped to adjacent walls to detail, on 44mmx147mm C16 timber floor joists to engineers spec with 35x50mm battens fixed to base with 100mm Unilin ECO360 MA Insulation foil-faced high performance rigid urethane insulation installed to between joists to manufacturers instructions, on 44x147mm wall plate on DPC on new 100mm blockwork tassel walls at 1.5m centres to form ventilated cavity. On 150mm reinforced concrete slab with 1 layer A252 mesh to engineers specification and detail, on Monarflex RMB 400 DPM / Radon barrier sheeting to form continuous moisture barrier, laid in accordance with CP 102 with all joints lapped 150mm and sealed and lapped up. No punctures allowed. On 50mm sand blinding on well compacted clause 804 hardcore to engineer's specification.



Floor Type A03
First & Second Floor Hallway Floors

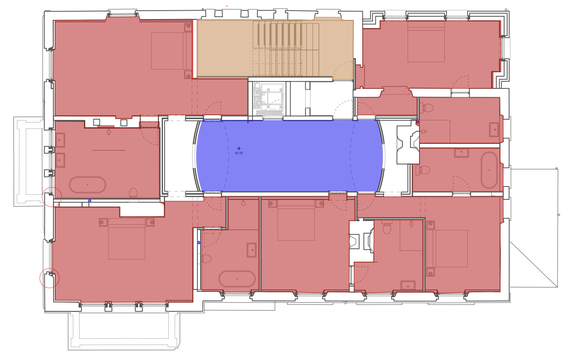
Top

20mm	Engineered Timber Floor Board
4.5mm	Regupol 4515 Acoustic underlay
18mm	OSB 3 Board
253mm	Web Joist
200mm	Mineral Wool Insualtion between joists
Varies	Refer to dwg 165-A for ceiling build up

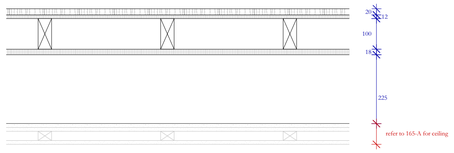
Bottom

M2

Millbrook House Ground Floor - Key Plan



Millbrook House First Floor - Key Plan



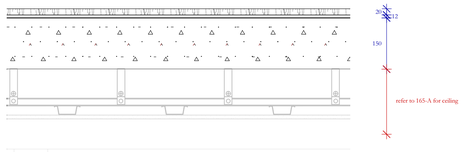
Floor Type A04
First & Second Floor Bedroom&Bathroom Floors

Top

20mm	Engineered Timber Floor Board
4.5mm	Regupol 4515 Acoustic underlay
12mm	OSB 3 Board
100mm	Raised Access Floor - Services
18mm	OSB 3 Board
225mm	44x225mm C16 Timber Joists
200mm	Mineral Wool Insualtion between joists
Varies	Refer to dwg 165-A for ceiling build up

Bottom

M2



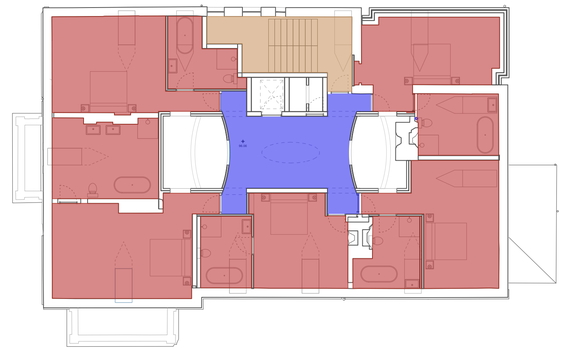
Floor Type A05
Precast Concrete Landings & Staircase

Top

20mm	Engineered Timber Floor Board
12mm	OSB 3 Board
150mm	Precast Concrete landing & staircase
Varies	Refer to dwg 165-A for ceiling build up

Bottom

Floor Type A05
Floor above existing cellar



Millbrook House Second Floor - Key Plan

NOTES

Ryan W. Kennihan Architects

30 Mountjoy Square Dublin 1 Ireland

PROJECT
Millbrook
Abbeyleix

DRAWING
Floor Types

DWG NO.
163-A

JOB NO.
2305

STAGE
Measurement

SCALE
1:50

DATE
30/08/2024

REV.
M2