

Windows and Doors

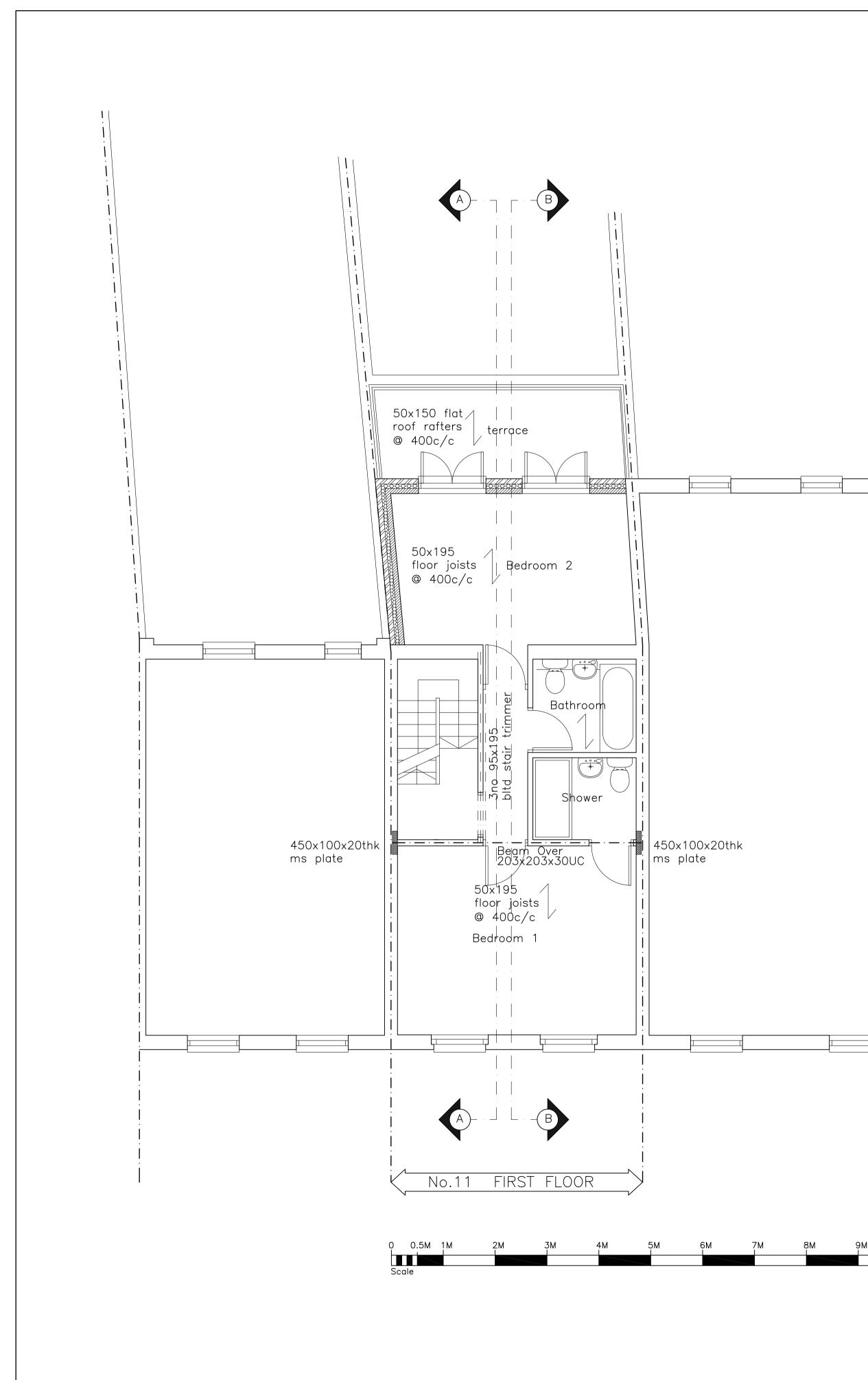
10M

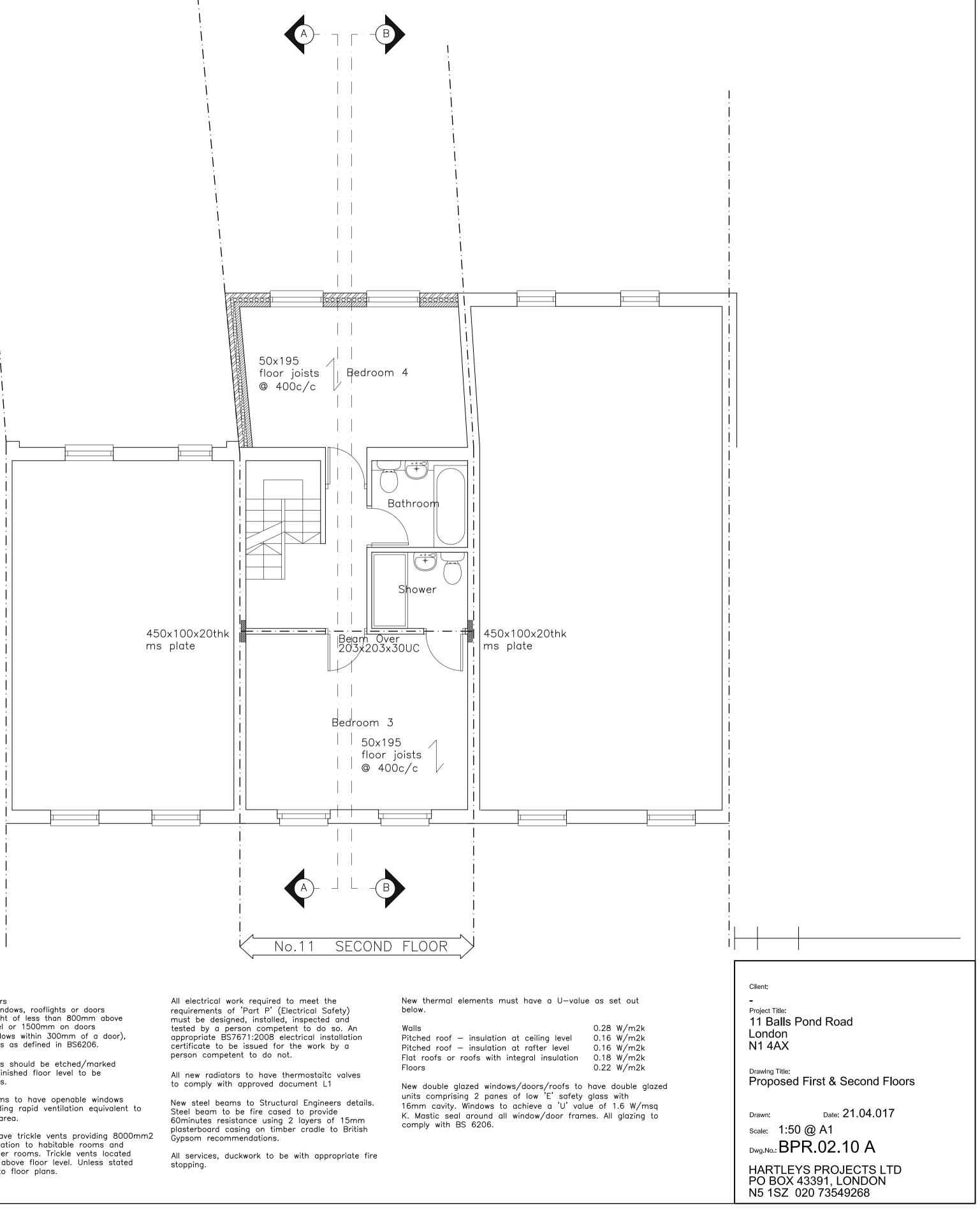
Any glazing to windows, rooflights or doors located at a height of less than 800mm above finished floor level or 1500mm on doors (1500mm to windows within 300mm of a door), to be safety glass as defined in BS6206.

Fully glazed doors should be etched/marked 1500mm above finished floor level to be made conspicuous.

All habitable rooms to have openable windows capable of providing rapid ventilation equivalent to 1/20th of floor area.

All windows to have trickle vents providing 8000mm2 background ventilation to habitable rooms and 4000mm2 to other rooms. Trickle vents located minimum 1.75m above floor level. Unless stated otherwise, refer to floor plans.





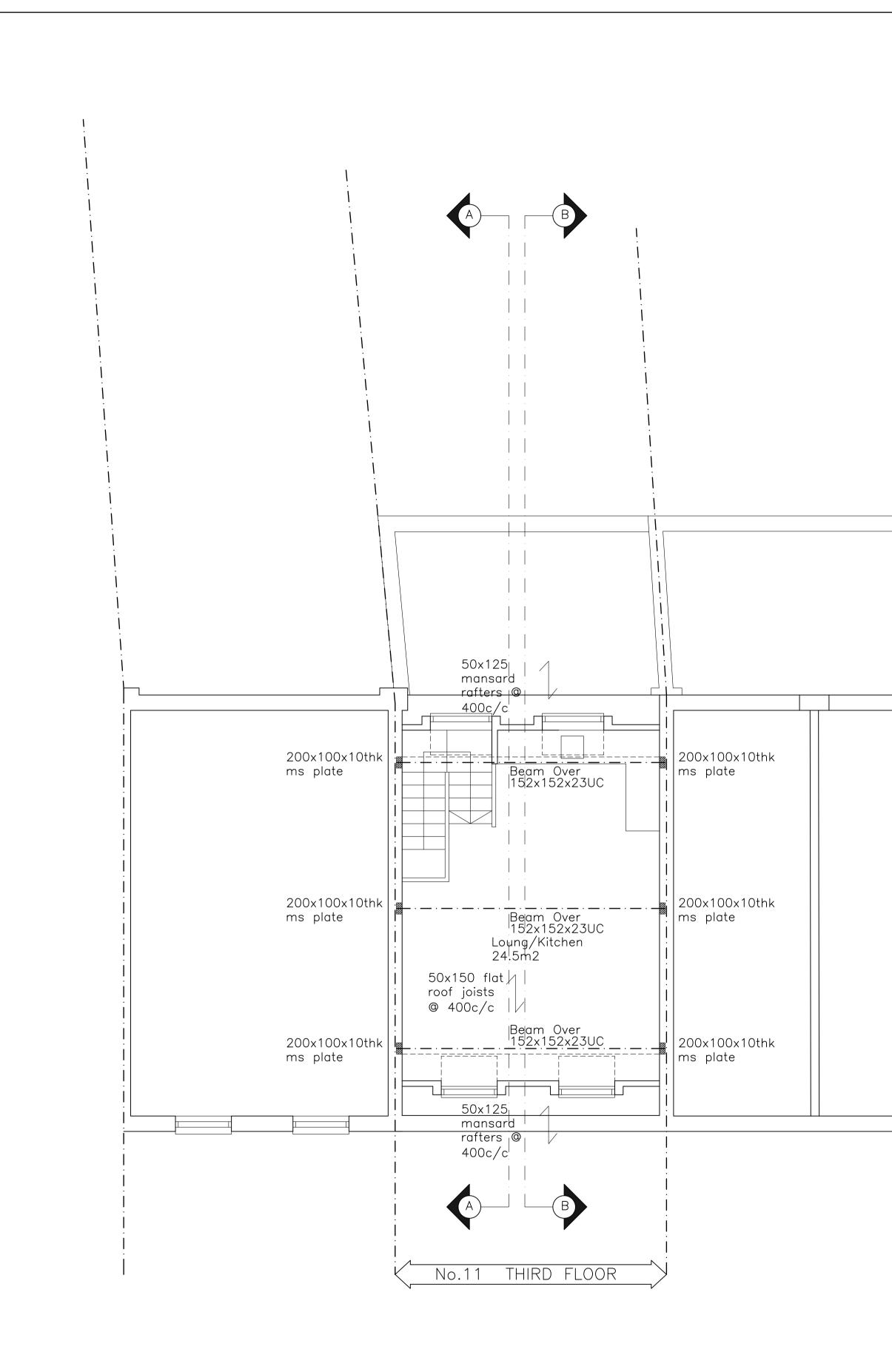
10M

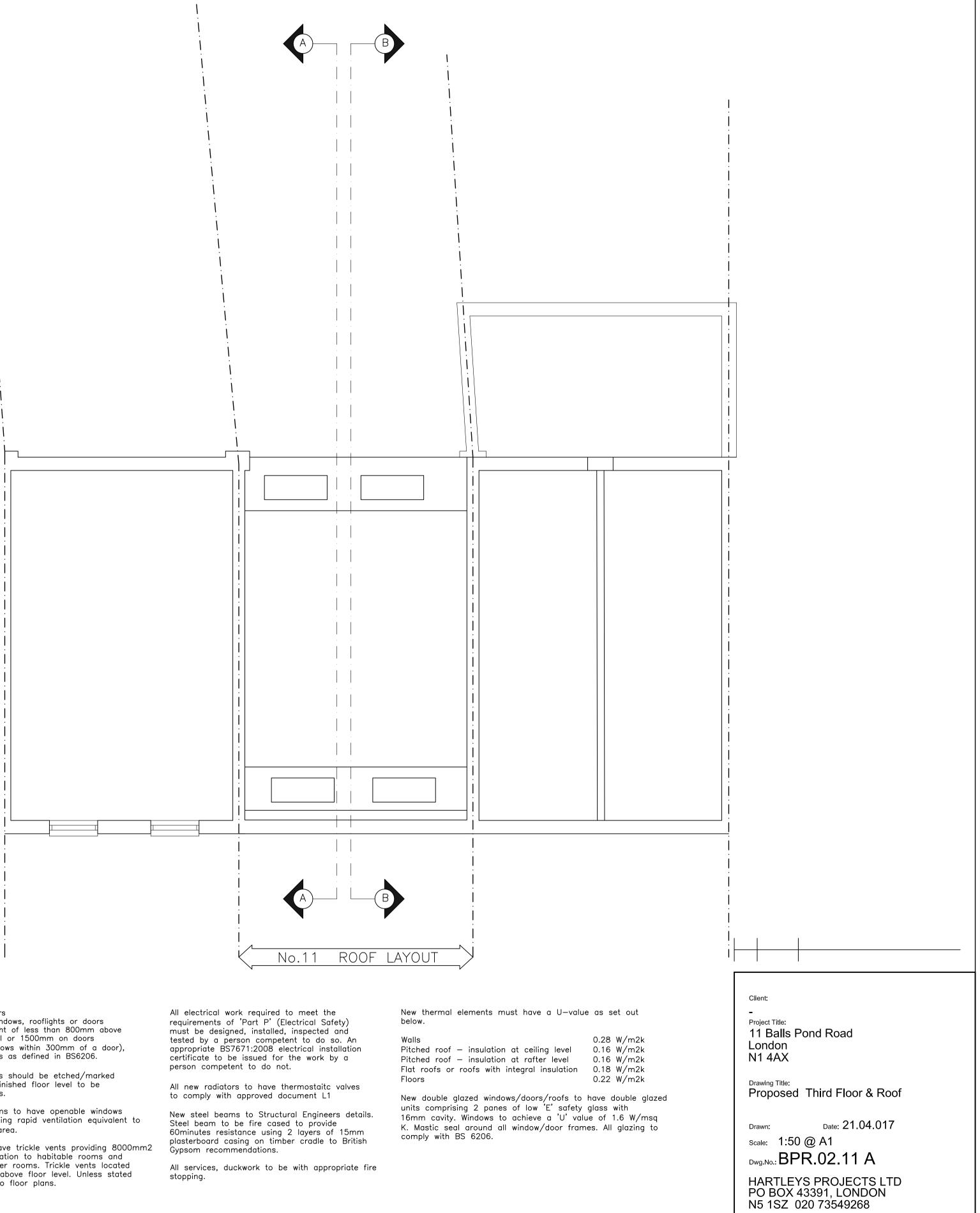
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4M

5M

6M

7M

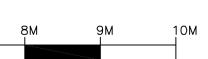
2M 3M

O 0.5M 1M

Scale

Slate covered mansard

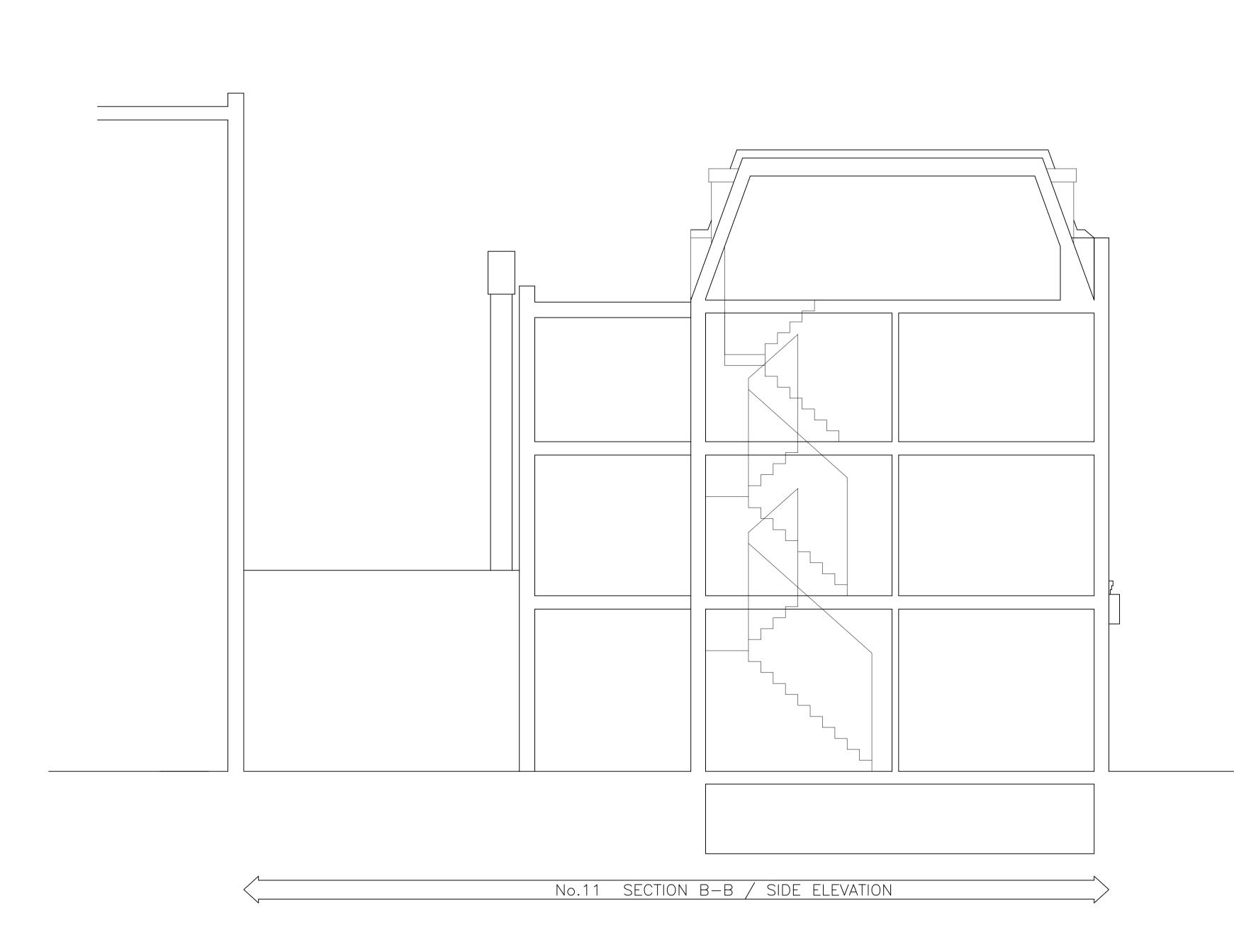




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scale: 1:100 @ A1 dwg.No.: **BPR.02.12** HARTLEYS PROJECTS

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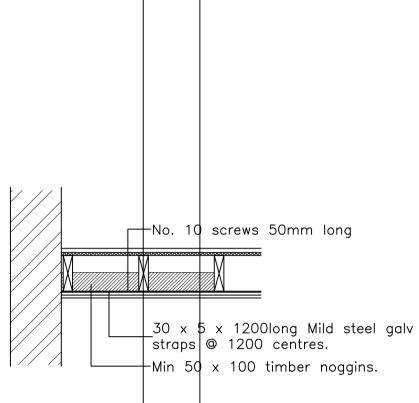


Client:
- <sup>Project Title:</sup> 11 Balls Pond Road London N1 4AX
Drawing Title: Proposed Section B-B
Drawn: Date: 21.04.017 Scale: 1:50 & 1:20 @ A1 Dwg.No.: BPR.02.13
HARTLEYS PROJECTS LTD PO BOX 43391, LONDON N5 1SZ 020 73549268

			100mm iling on
		<u>-222222222222222222222</u>	<u> 24/168283</u>
	2013.04		
			-Centres of joists packed with -20kg/m2 doubled boarded ce to the floor joists



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### Lateral Restraint Detail (BS 5628)

_	Client: -
	Project Title: 11 Balls Pond Road London N1 4AX
	Drawing Title: Proposed Section A-A 1 of 2
	Drawn: Date: 21.04.017
	scale: 1:20 @ A1 Dwg.No.: BPR.02.14
	HARTLEYS PROJECTS LTD PO BOX 43391, LONDON N5 1SZ 020 73549268

### New flat roof construction.

Timber size to structural engineers details. 10mm min depth tanalised softwood firings to give 1:60 fall. To maintain a vapour control layer a non setting gun grade mastic bead to be applied to upper suface of all supporting joists and noggins. Celotex Crown Up 120mm to be bedded down on mastic and fixed through to joists. Roof to be waterproofed with 3 layer partially bonded good quality roofing felt incorporation 3G base layer to BS747 : 2000. 3 layer felt to be taken up freestanding timber perimeter kerbs to walls (150mm minimum aove roof level). Flat roof to be finished in bitumen to comply with designation AA fire spread with the use of stone chippings bedded in bitumen to a depth of 12.5mm over the whole roof surface. Alternatively 'Type E' top layer of felt with a mineralised surface that complies with designation AA fire spread.

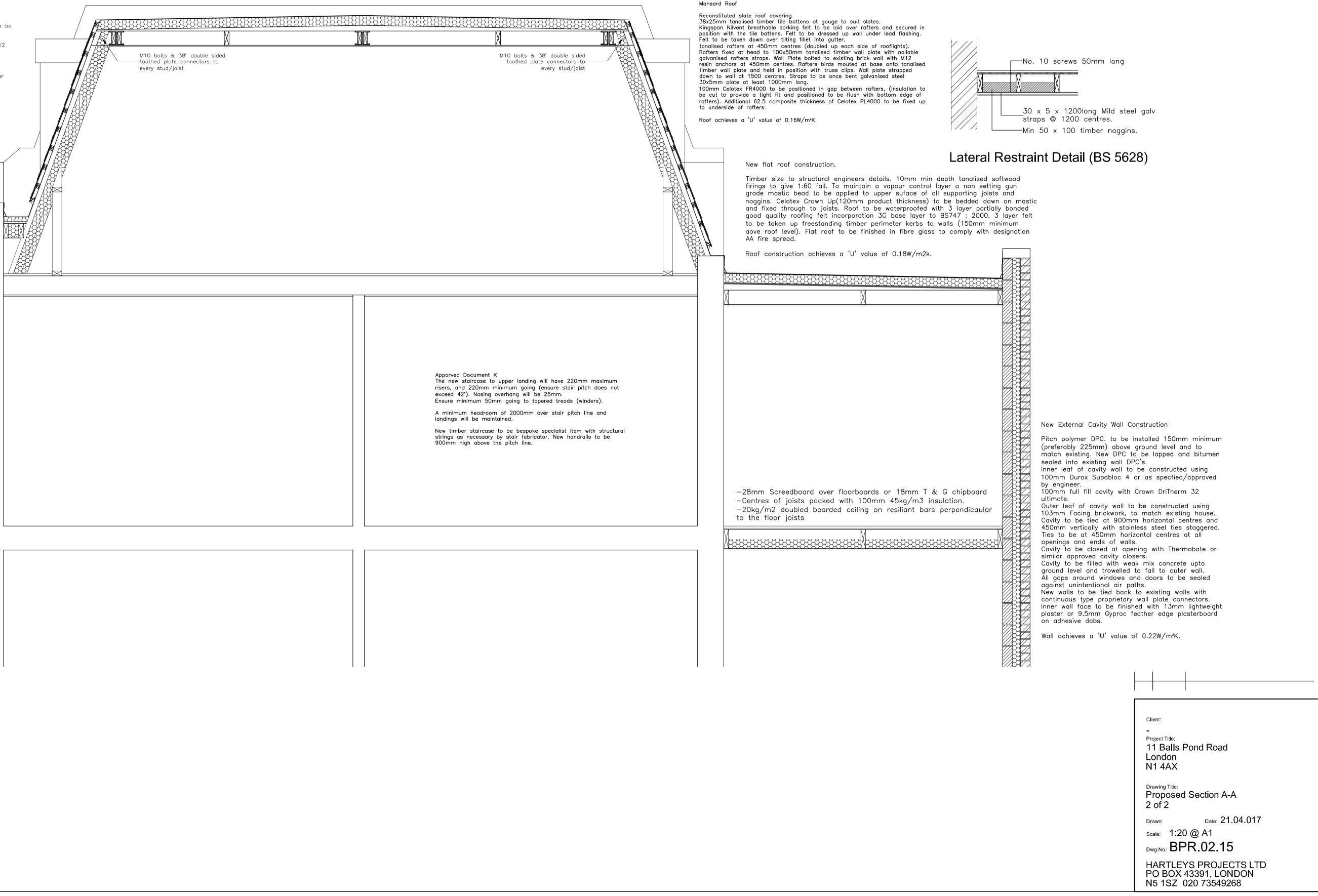
Roof contruction achieves a 'U' value of 0.18W/m2k.

### New Timber Framed Dormer Construction

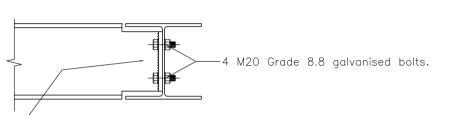
100x47mm timber studs at 400 centres. 12.5mm external quality plywood to be fixed to outer face of studs (screwed at 300mm centres). Single layer of 35mm Kingspan K12 insulation board to be tightly fixed in studwork void (pushed in void against inner face of plywood sheathing). 35mm Kingpan K12 insulation board to be pinned to outer face of plywood and overlaid with a breathable sarking membrane such as Kingspan nilvent or Tyvek. 38x25mm tanalised softwood counter battens (vertical) at 600mm centres, to be fixed through insulation/plywood into the framing. Outer face of of counterbattens to be clad with 12.5mm WBP plywood. Outer face of plywood to be clad with building paper and code 6 lead lead on dormers. Inner stud face to be lined with 2000gauge polythene vapour barrier and 12.5mm plaster board with 3mm Thistle plaster skim. Timber frame wall/dormer/Mansard construction achieves a 'U' value of 0.27W/m2K.

> gutter to be installed. DPC to be installed below coping stone with a code 4 lead cover flashing taken down inner wall face and dressed down into gutter. Pressed metal gutter section with pre formed outlet at one end, and over flow sparge pipe at the other end. Sparge pipe positioned 100mm up from the base of the gutter and taken out through the wall. Gutter support formed with a plywood base over the floor joists and tanalised timber firring pieces, giving a 1in80 fall. 15mm external quality plywood fixed over firring pieces and up roof slope to top of gutter. 70mm Kingspan rigid insulation laid tight fitting over plywood and overlaid with a sarking felt which is to be dressed up wall and roof slope.

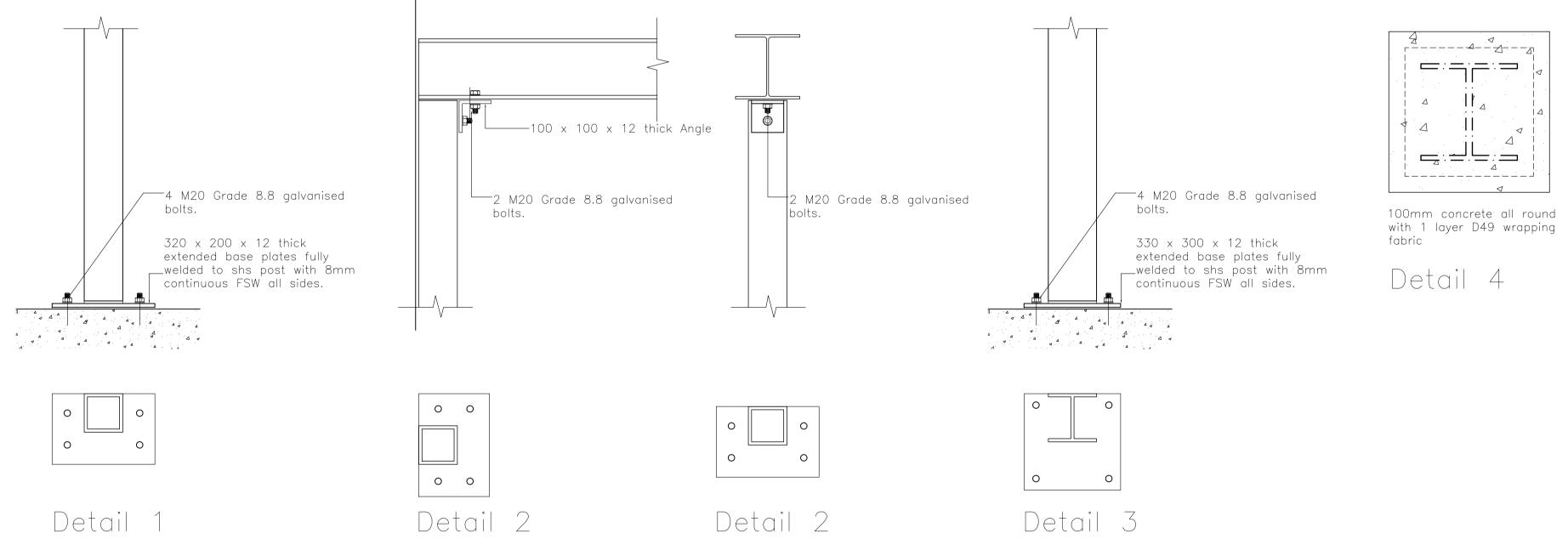
Internal secret pressed metal box

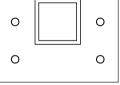


th tanalised softwood
r a non setting gun
upporting joists and
e bedded down on mastic
3 layer partially bonded
747 : 2000. 3 layer felt
ls (150mm minimum
comply with designation

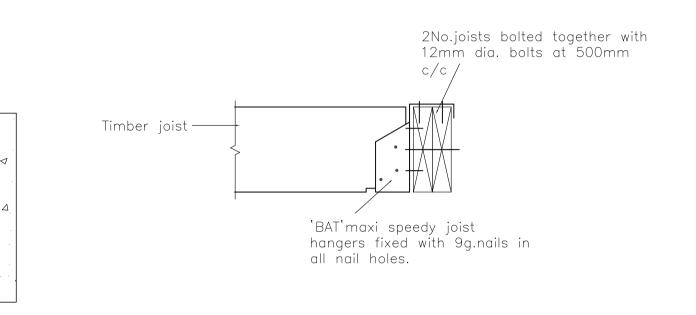


150 x 150 x 10 thick end plate centralised on and fully welded to the web of beam with 6mm continuous FSW both sides. Min. edge distance to centre of bolt holes the other way to be 35mm.

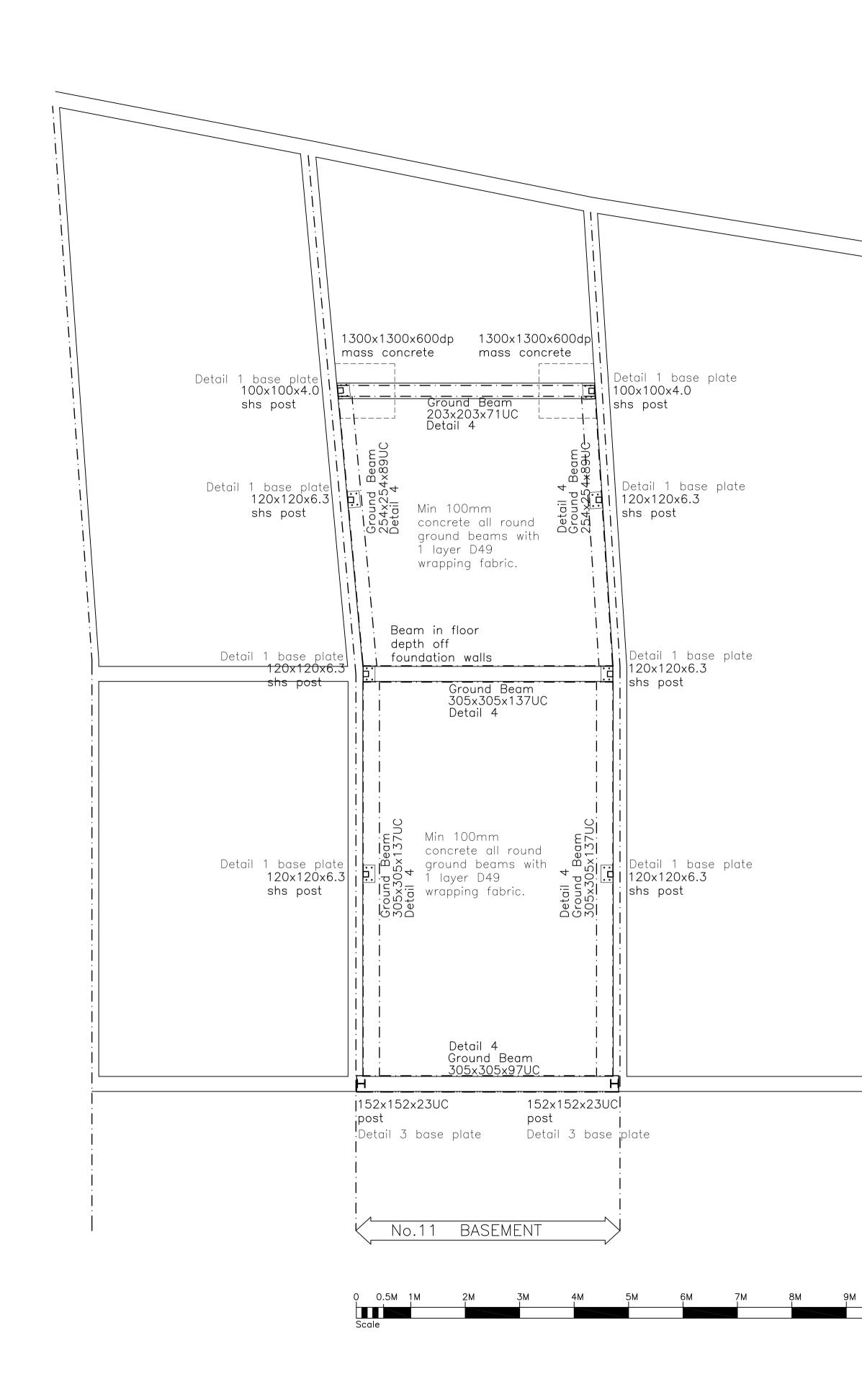


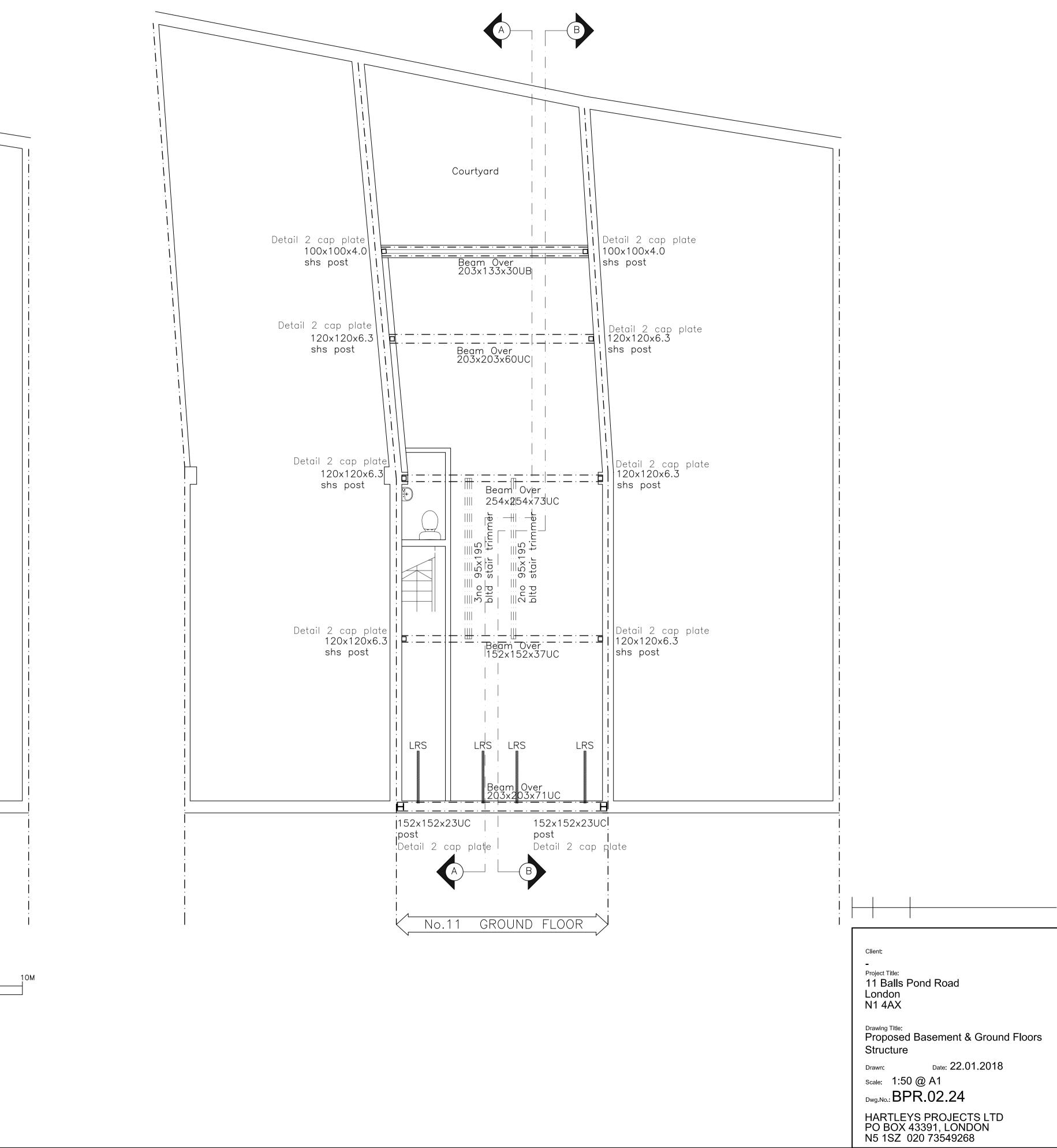


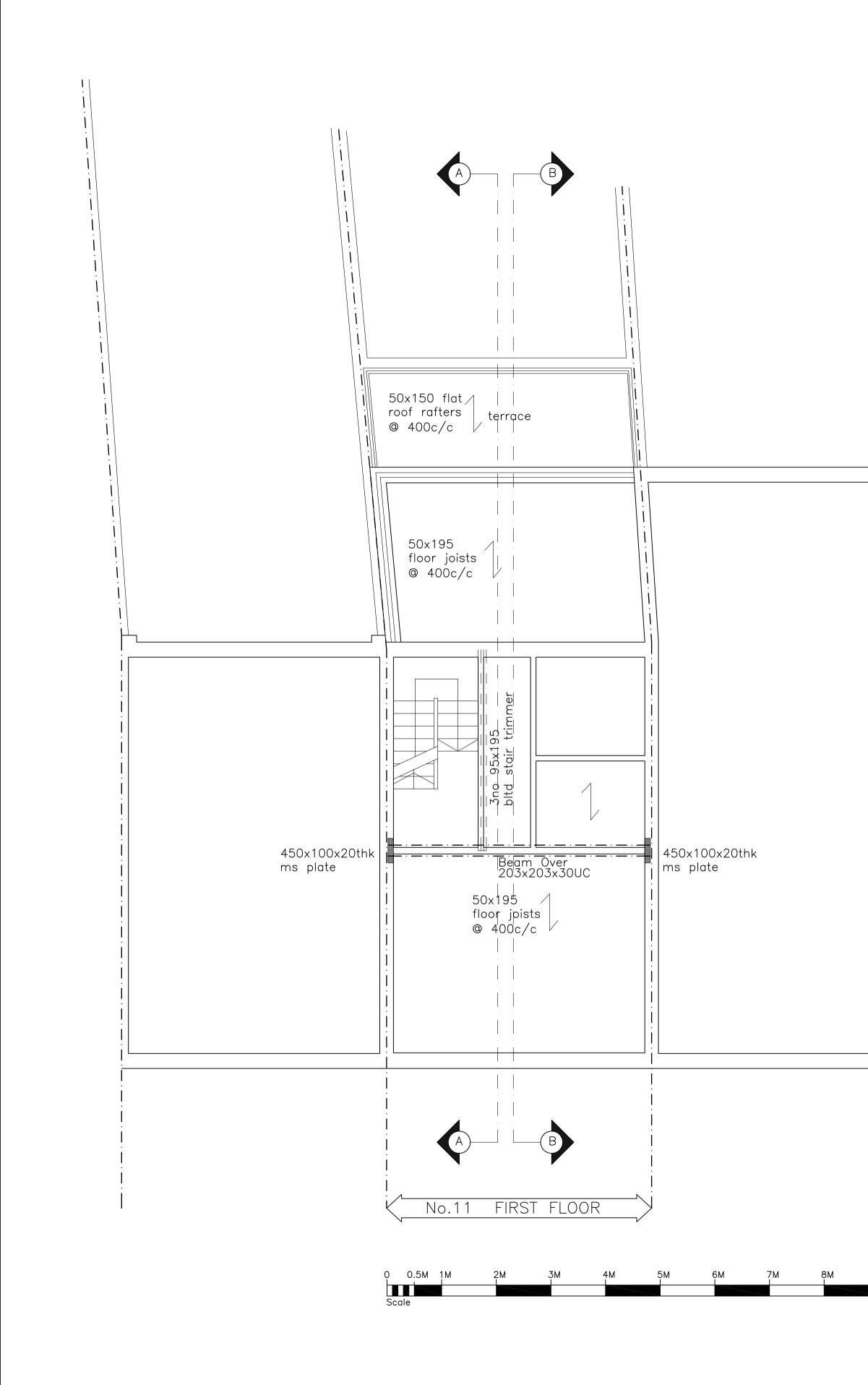
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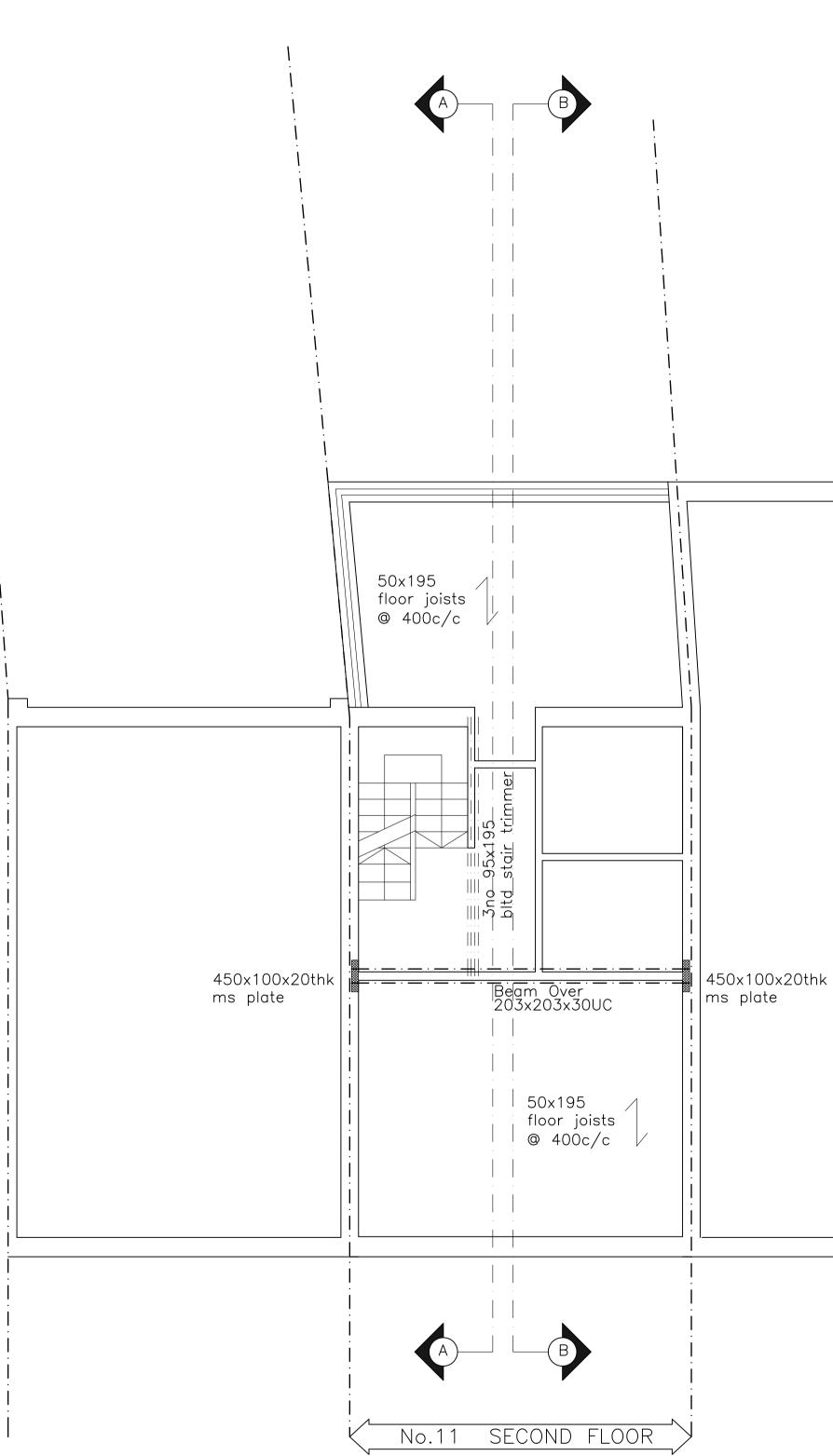


Client:
Project Title: 11 Balls Pond Road
London
N1 4AX
Drawing Title: Proposed Beam Fixing Details
Drawn: Date: 21.04.017
Scale: 1:10 @ A1
Dwg.No.: BPR.02.23
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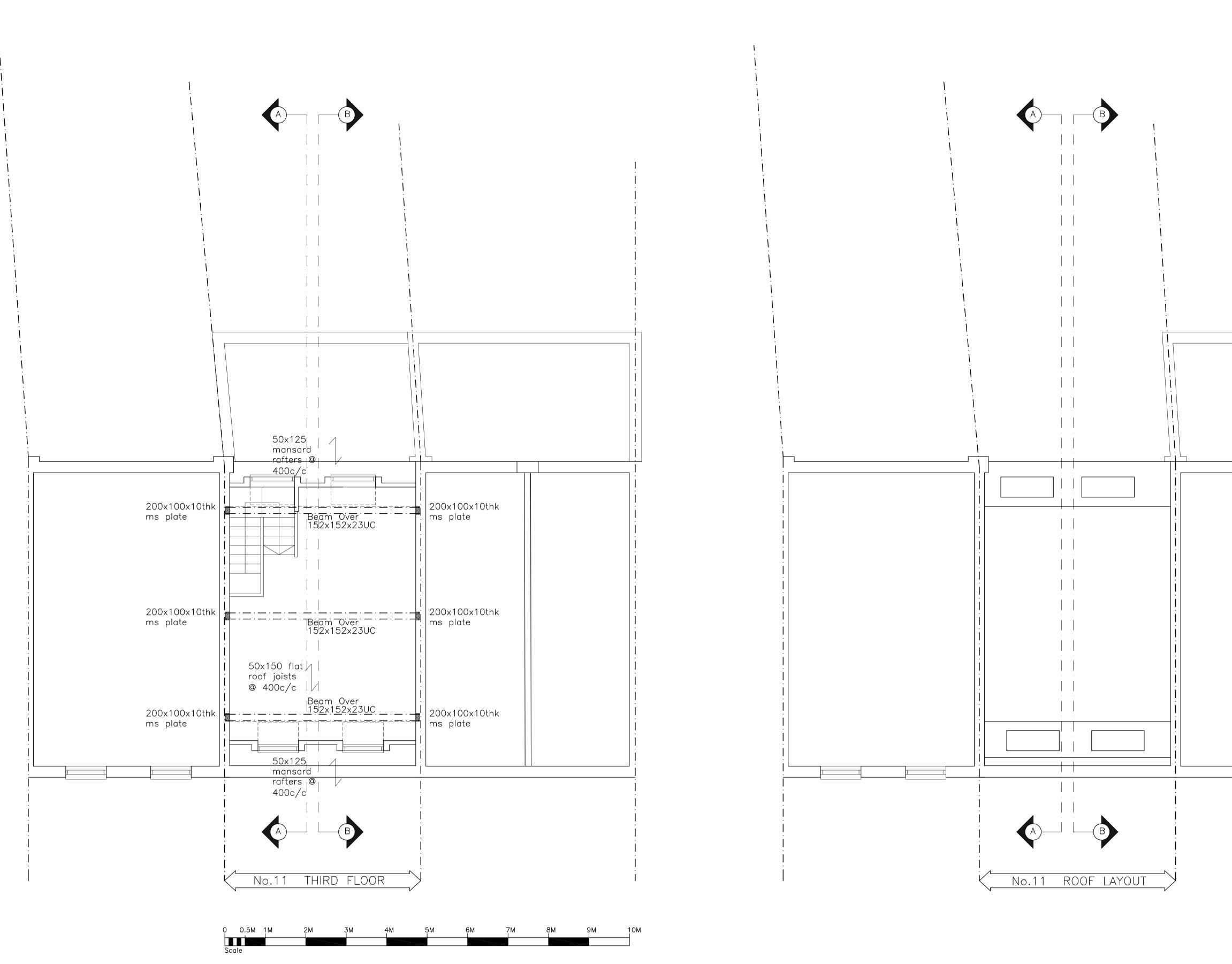




9M 10M

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\_\_\_\_\_ Client: -Project Title: 11 Balls Pond Road London N1 4AX Drawing Title: Proposed First & Second Floors Structure Date: 22.01.2018 Drawn: Scale: 1:50 @ A1 Dwg.No.: BPR.02.25 HARTLEYS PROJECTS LTD PO BOX 43391, LONDON N5 1SZ 020 73549268



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\_\_\_\_\_ Client: -Project Title: 11 Balls Pond Road London N1 4AX Drawing Title: Proposed Third Floor & Roof Structure Date: 22.01.2018 Drawn: Scale: 1:50 @ A1 Dwg.No.: BPR.02.26 HARTLEYS PROJECTS LTD PO BOX 43391, LONDON N5 1SZ 020 73549268