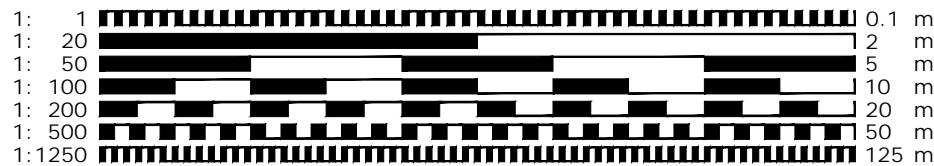


Site & Block Plan - scale 1:200



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Site Location Plan - scale 1:1250



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CONTRACT  
Proposed Extension & Alterations  
87 Pascal Way, Letchworth,  
Hertfordshire

DRAWING TITLE  
Site, Location & Block Plans

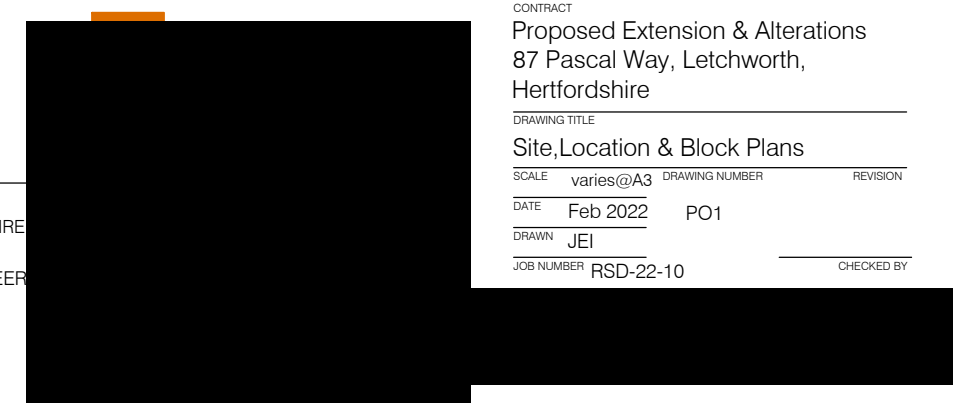
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DATE Feb 2022 PO1

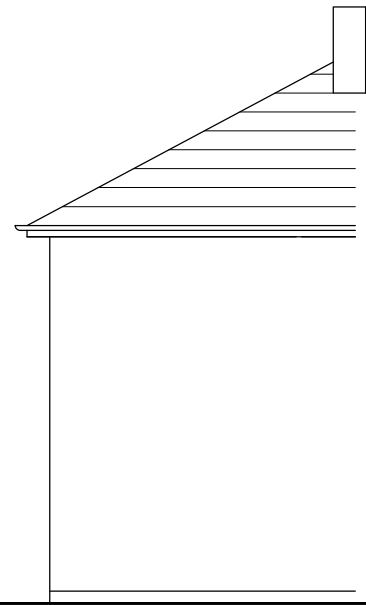
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JOB NUMBER RSD-22-10

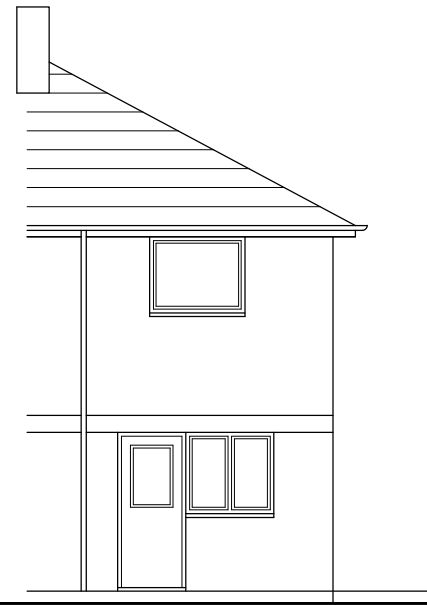
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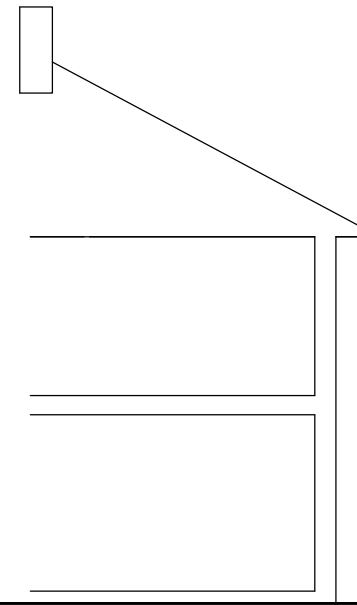
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Side Elevation

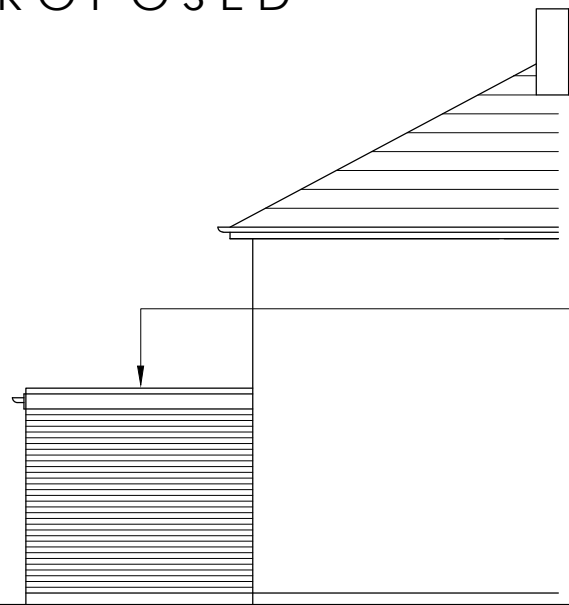


Rear Elevation



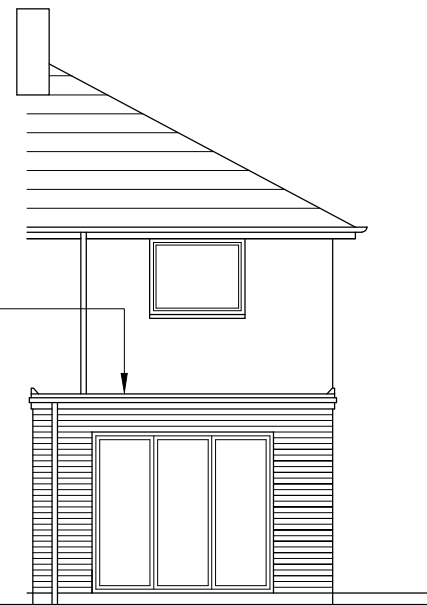
Side Section

PROPOSED



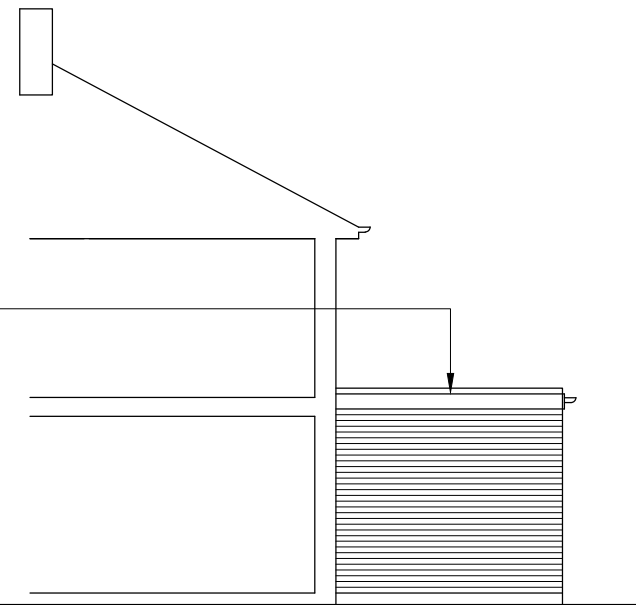
Side Elevation

New flat roof rear extension constructed from matching materials to existing house

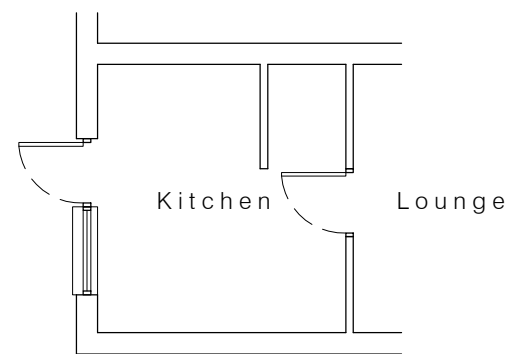


Rear Elevation

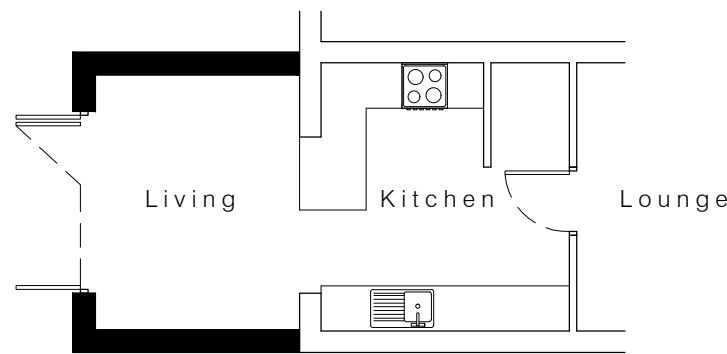
New flat roof rear extension constructed from matching materials to existing house



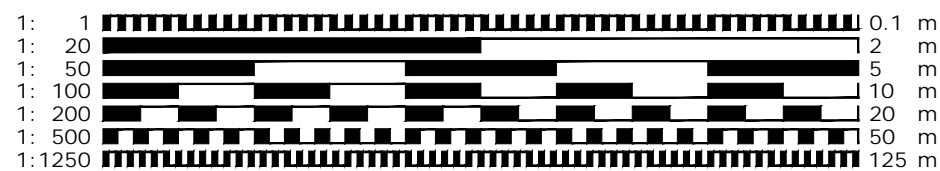
Side Section - Elevation



Existing Floor Plan



Proposed Floor Plan



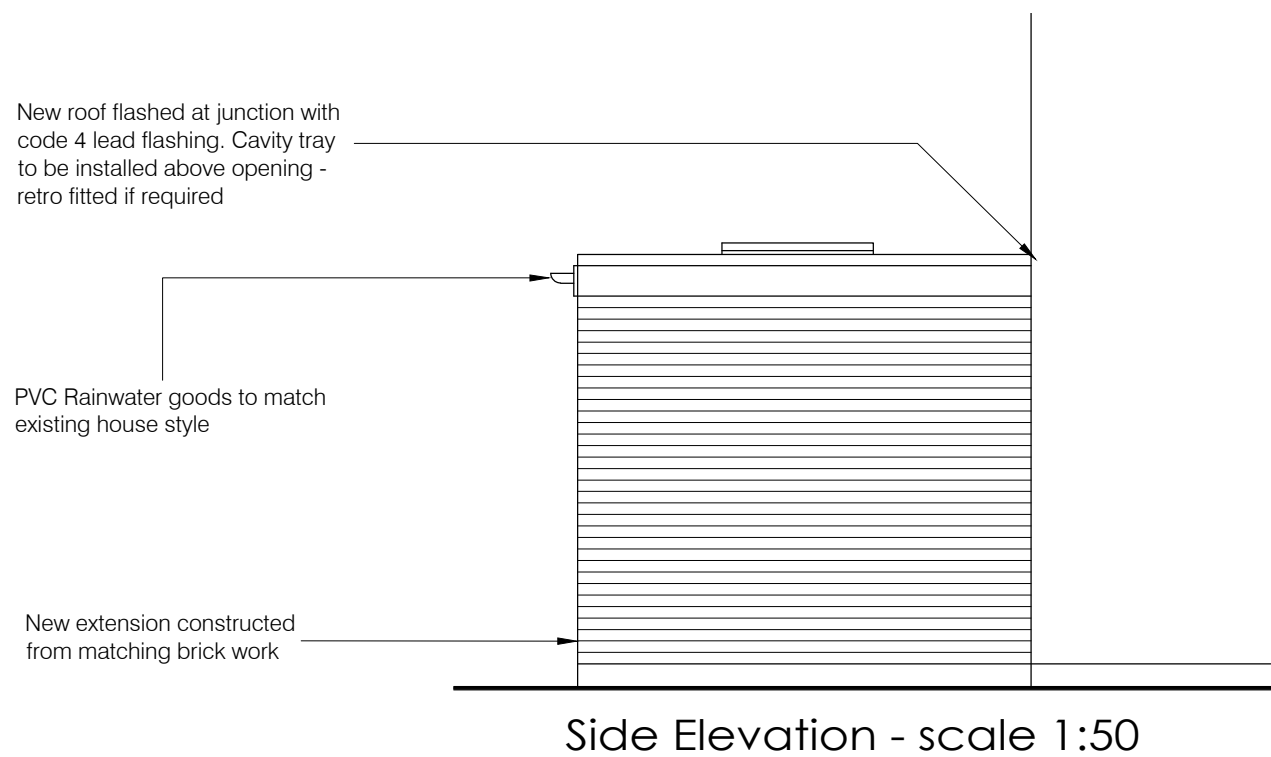
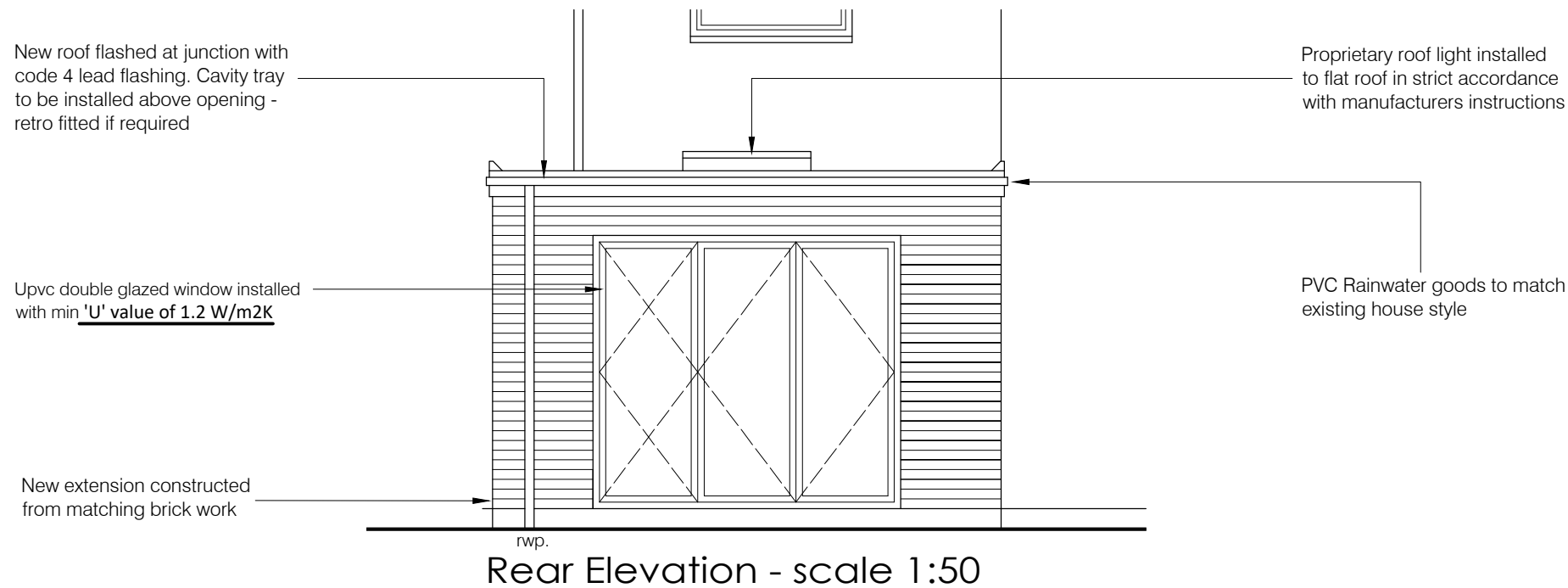
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CONTRACT  
 Proposed Extension & Alterations  
 87 Pascal Way, Letchworth,  
 Hertfordshire  
 DRAWING TITLE  
 Existing & Proposed Elevations & Plans  
 SCALE 1:100@A3 DRAWING NUMBER REVISION  
 DATE Feb 2022 PO2  
 DRAWN JEI  
 JOB NUMBER RSD-22-10 CHECKED BY



## Windows & Doors

All dimensions shown are structural opening sizes and window suppliers / contractor to check on site dims before manufacture an allow for tollerances

All windows and doors shall be designed to exclude moisture under the action of driving rain, and general resistance to weather as defined in BS 6375 - 1

All windows to meet the requirements and conform to Parts F and K of the Building Regulations to be PAS 24

All windows to be provided with easyclean hinges that allow cleaning of both sides from inside the building

All windows to be restricted with and overidable to 100mm. Opening for cleaning and maintenance to be controlled with master key

### PART B

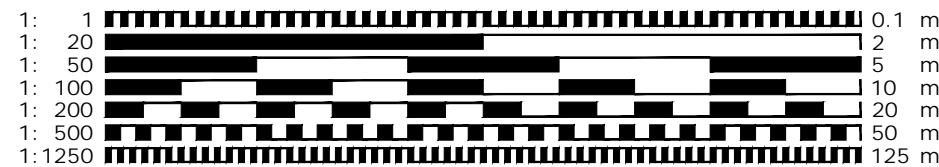
All habitable room windows to be emergency egress window to be provided to habitable rooms. Window to provide min openable area of 0.33sqm (min aperture size 450x750mm in either direction)with cill max 1100mm from ffl. Existing windows to be adjusted suit as required

### SAFETY GLAZING LOCATIONS PART K

All areas of glazing between finished floor level and 800mm above that level infernal and externally  
All areas between finished floor level and 1500mm above the level in a door or side panel or screen (300mm from each vertical door edge) Transoms to fixed lights to meet guarding requirements in accordance with Part K. Guarding to critical areas to be 800mm from finish floor level

### VENTILATION PART F

Background ventilation to be provided in accordance with Part F to be equivalent to an average of 6000mm2 per room for rooms with opening windows (minimum provision of 8000mm2 to each habitable room)



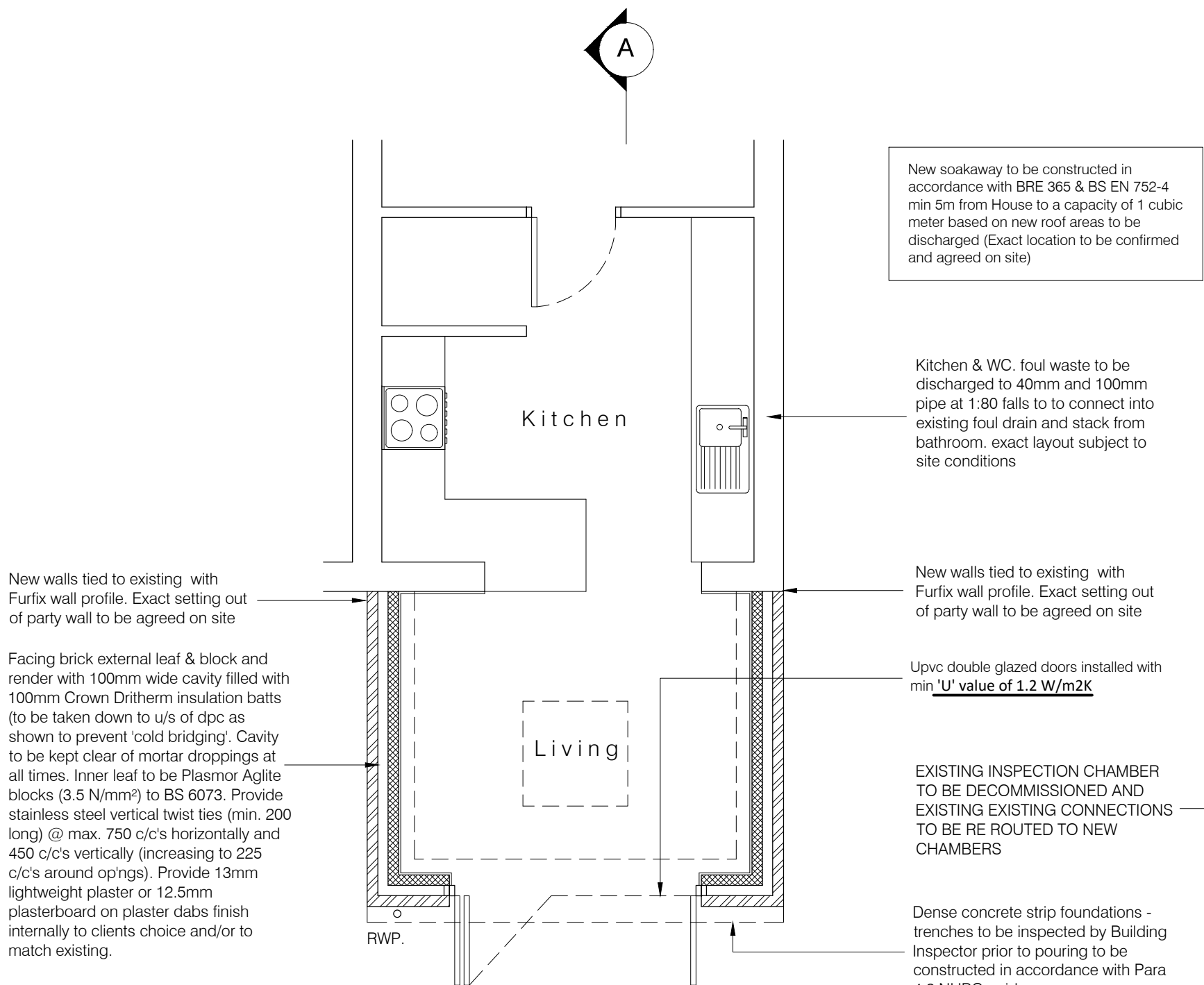
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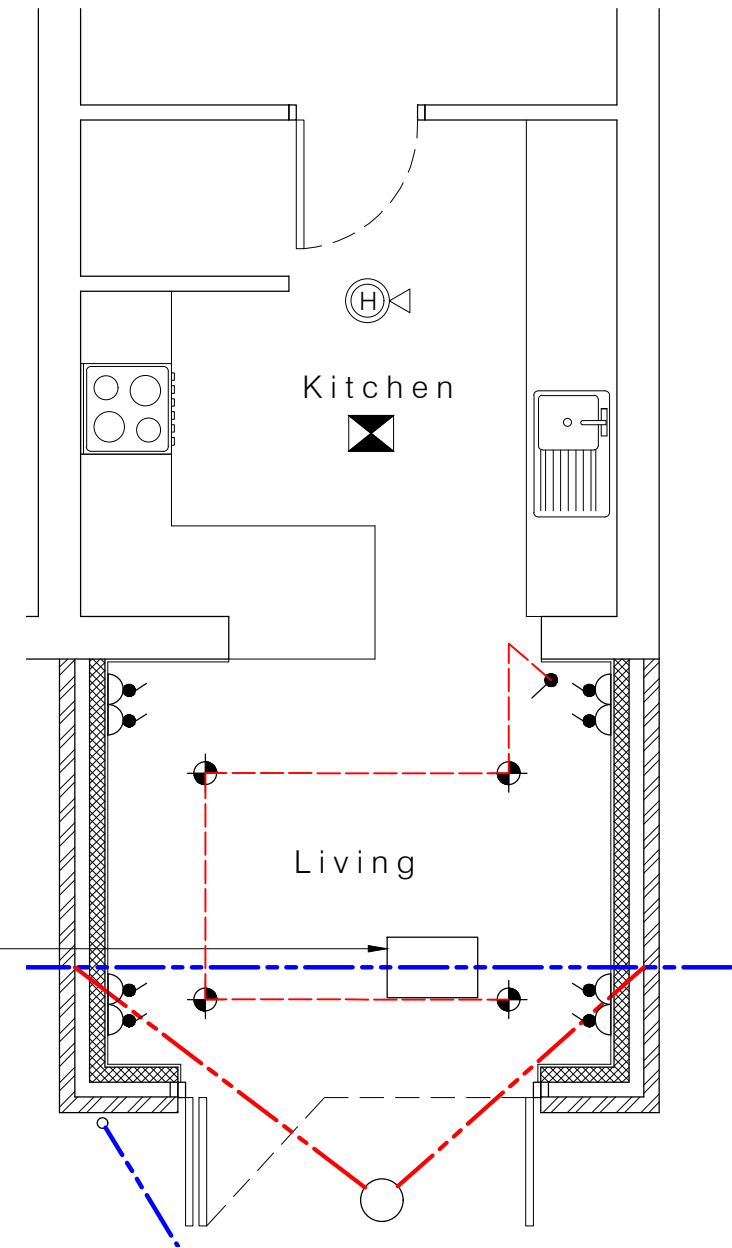


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CONTRACT		
Proposed Extension & Alterations 87 Pascal Way, Letchworth, Hertfordshire		
DRAWING TITLE		
Proposed Elevations		
SCALE	DRAWING NUMBER	REVISION
1:50@A3	BR02	
DATE	DRAWN	
Feb 2022	JEI	
JOB NUMBER	CHECKED BY	
RSD-22-10		



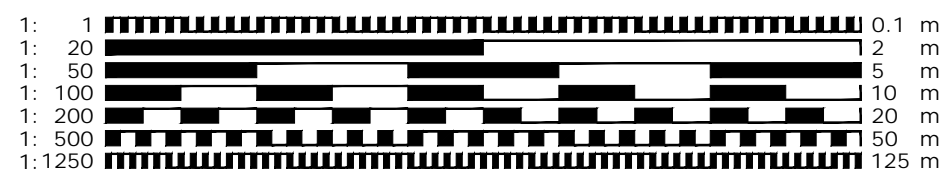
Ground Floor - scale 1:50



Services Layout - scale 1:50

**Legend**

- Light fitting to be agreed
- Recessed downlight
- Wall mounted light
- Light Switch
- 2 way Light Switch
- Double Socket
- Mains Smoke Detector
- Mains Heat Detector
- Television Point
- Radiator
- Extract Fan 60lt /s



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CONTRACT		
Proposed Extension & Alterations 87 Pascal Way, Letchworth, Hertfordshire		
DRAWING TITLE		
Ground Floor Plans		
SCALE	DRAWING NUMBER	REVISION
1:50@A3		
DATE	BR01	
Feb 2022		
DRAWN	JEI	
JOB NUMBER	RSD-22-10	CHECKED BY

DPC, and lead flashing to be provided above opening to adequately weather junction dpc 'Type E' cavity tray to be installed to wall above lean - to roof junction if not already in place to existing opening

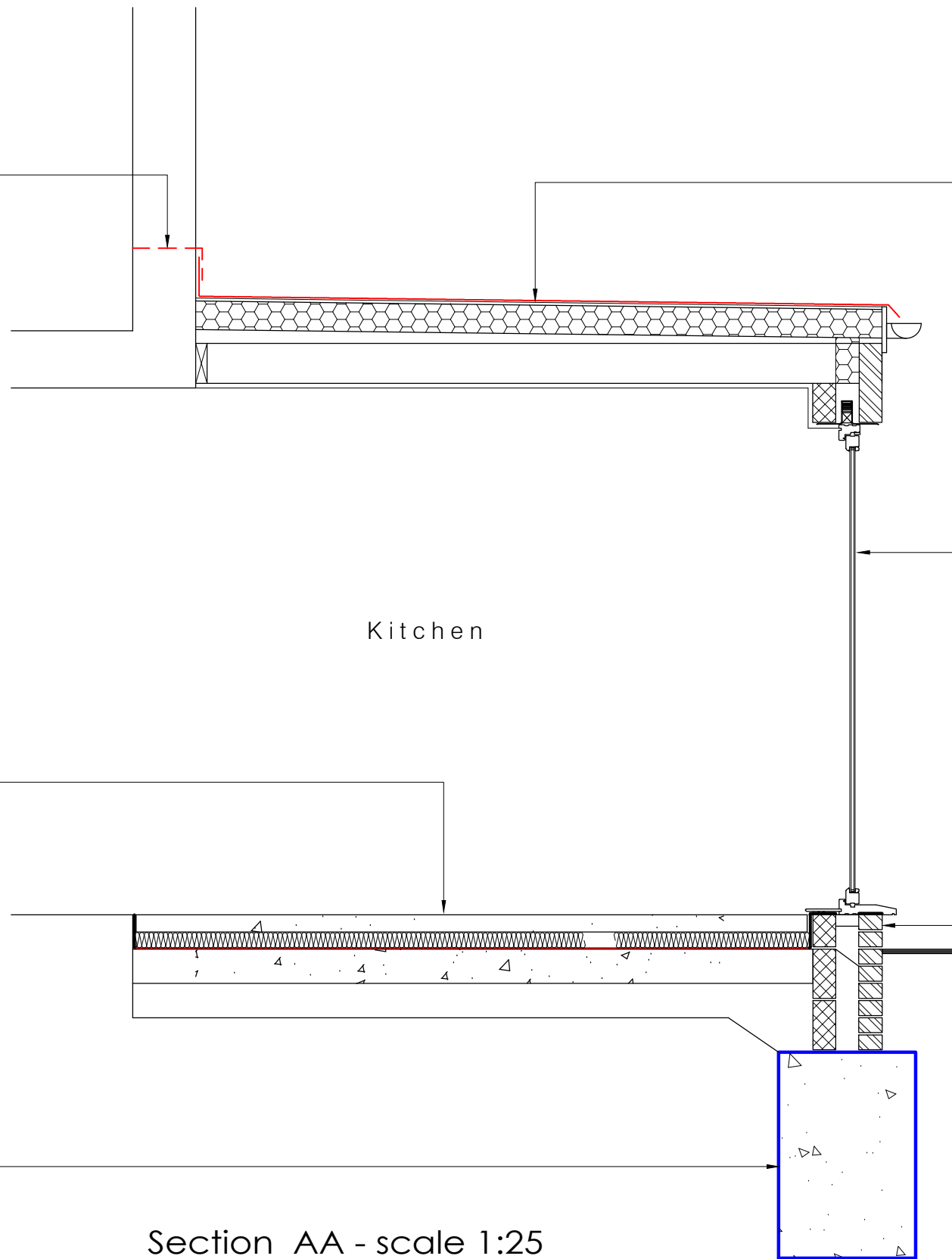
New flat roof to be constructed from single ply flat roof covering (Bauder or equivalent to meet BROOF(t4) system laid at min 1:80 falls (or to manufacturers recommendations) over OSB on 120mm Celotex XR4000 laid on vapour control layer on 12mm plywood sheeting on firings fixed to 150x50mm C24 joists @ 400mm c/c. 150x50mm C24 flat roof joists fixed to 100x50mm wall plate and on existing wall. 12.5mm plasterboard and Gypsum skim finish to underside to form ceiling

New upvc double glazed window installed with min 'U' value of 1.2 W/m2K

75mm sand and cement screed over 500 gauge separating layer of building paper on 100mm Celotex GA4000 floor insulation over 1200 gauge polythene DPM lapped to Hyload DPC on 150mm gourd bearing concrete floor slab or beam and block suspended floor system with 225mm ventilated sub floor void vented with telescopic ventilators max 2m centres and 450mm from ends of walls. 25mm perimeter insulation to be provided at edge of slab and screed. Existing sub floor voids to be vented through new ducting to external walls.

Facing brick external leaf & block and render with 100mm wide cavity filled with 100mm Crown Dritherm insulation batts (to be taken down to u/s of dpc as shown to prevent 'cold bridging'. Cavity to be kept clear of mortar droppings at all times. Inner leaf to be Plasmor Aglite blocks (3.5 N/mm<sup>2</sup>) to BS 6073. Provide stainless steel vertical twist ties (min. 200 long) @ max. 750 c/c's horizontally and 450 c/c's vertically (increasing to 225 c/c's around op'ngs). Provide 13mm lightweight plaster or 12.5mm plasterboard on plaster dabs finish internally to clients choice and/or to match existing.

Dense concrete strip foundations - trenches to be inspected by Building Inspector prior to pouring to be constructed in accordance with Para 4.2 NHBC guidance. All ground works subject to approval



Section AA - scale 1:25



for approval

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1: 1		0.1 m
1: 20		2 m
1: 50		5 m
1: 100		10 m
1: 200		20 m
1: 500		50 m
1: 1250		125 m

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CONTRACT			
Proposed Extension & Alterations			
87 Pascal Way, Letchworth,			
Hertfordshire			
DRAWING TITLE			
Detailed Section AA			
SCALE	1:25@A3	DRAWING NUMBER	REVISION
DATE	Feb 2022	BR03	
DRAWN	JEI		
JOB NUMBER	RSD-22-10	CHECKED BY	