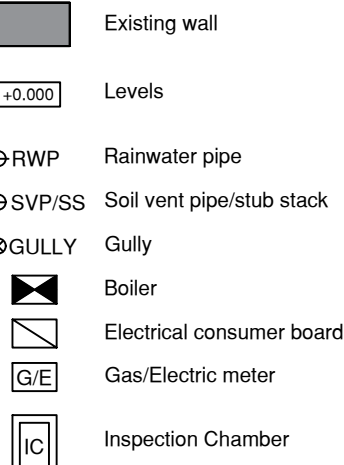


General Notes

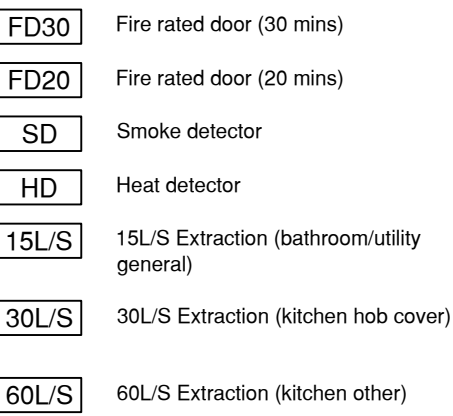
- All dimensions are to be checked onsite. Do not scale from these drawings.
- Structural information on drawings is shown for quick reference only. Refer to Structural Engineers drawings and calculations for construction information.
- Building Regulations compliance is the responsibility of the contractor.
- Where Puzzle Architecture have not conducted the measured survey or produced the planning design, the accuracy of all survey data information relating to the existing structure, is the responsibility of the original design client.

Key - Annotations



WC: Window cill height
WH: Window head height
DH: Door head height
B: Beam height

Key - Building Regulations



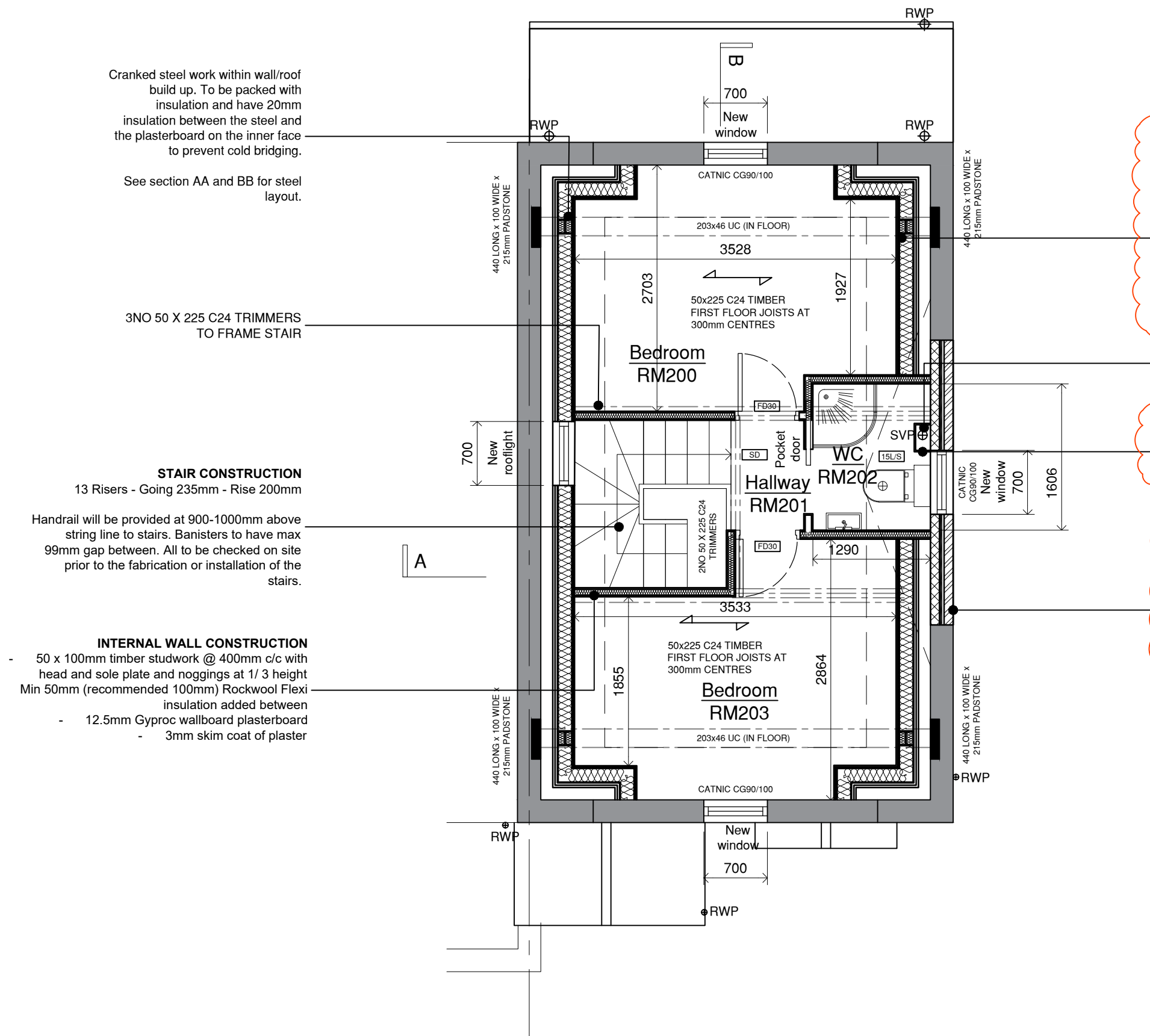
Where Puzzle Architecture have not conducted the measured survey or produced the planning design, the accuracy of all survey data/ information relating to the existing structure, is the responsibility of the original design client.

REFER TO STRUCTURAL ENGINEERS DRAWINGS AND CALCULATIONS FOR ALL STRUCTURAL INFORMATION. ANY STRUCTURAL INFORMATION SHOWN ON DRAWINGS BY PUZZLE ARCHITECTURE IS INDICATIVE AND MUST BE CHECKED AGAINST THE STRUCTURAL ENGINEERS DESIGN.

ELECTRICAL/MECHANICAL/LIGHTING LAYOUTS TO BE CONFIRMED ONSITE BY CLIENT AND SPECIALISTS.

IT IS THE CONTRACTORS/CLIENTS RESPONSIBILITY TO ENSURE THAT ALL WORK ONSITE COMPLIES WITH PLANNING POLICY AND BUILDING REGULATIONS. WHERE WORK IS COMPLETED ON A BUILDING NOTICE, THE CONTRACTOR MUST ENSURE THAT THE DRAWINGS ARE COMPLIANT AND REPORT BACK TO PUZZLE ARCHITECTURE.

IT IS THE CLIENTS RESPONSIBILITY TO ENSURE THAT ALL NECESSARY PARTY WALL AWARDS ARE IN PLACE PRIOR TO COMMENCEMENT OF THE WORK.



Proposed Loft Plan 1:50

MANSARD ROOF CONSTRUCTION (UNVENTILATED) (U-Value 0.14)

- Vertical slate roof tiles to match existing (client to confirm finish)
- 25 x 38mm treated softwood tiling battens and counter battens
- Tyvek sarking breather membrane (or similar)
- 9mm Promat 'Supalux' fire rated board (to boundary sides only)
- 9mm OSB sarking board fixed as per engineers specification
- 150 x 50 C24 timber roof structure to engineers design
- 150mm Celotex or Kingspan K107 full fitted between the rafters
- 32.5mm Kingspan K118 or Celotex insulated plasterboard
- 9mm Promat 'Supalux' fire rated board (to boundary sides only)
- 1000 Gauge VCL layer (if not built in to insulated plasterboard)
- 3mm Skim coat with painted finish

Sanitaryware layout TBC by client onsite. All above ground ground to connect into existing soil stack.

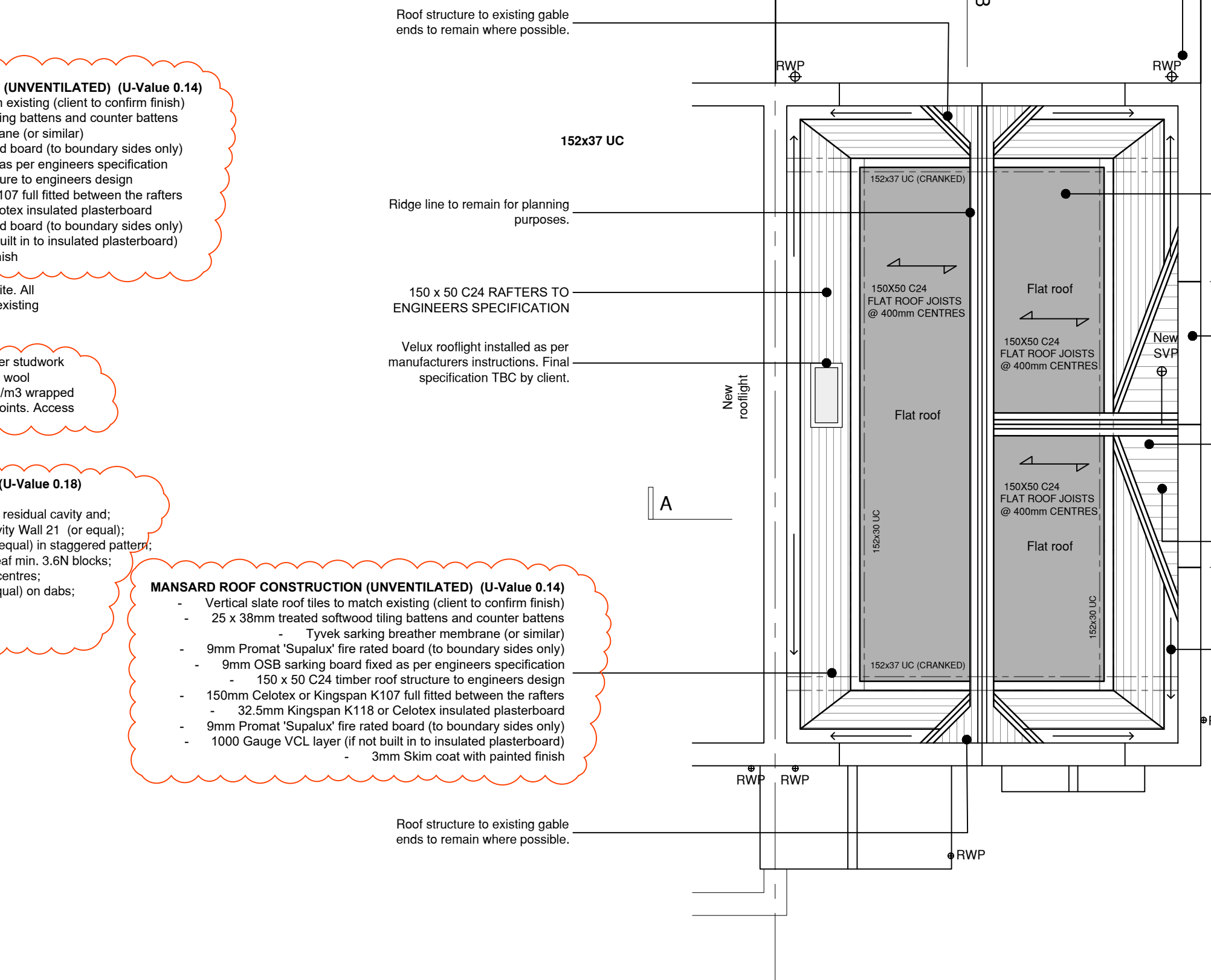
Soil vent pipe to be boxed in with timber studwork packed min. 25mm of unfaced mineral wool absorbent material - min. density 10kg/m3 wrapped around pipe. SVP to include rodding points. Access panels required

EXTERNAL WALL CONSTRUCTION (U-Value 0.18)

- Brickwork to match existing;
- 100mm cavity comprising 10mm residual cavity and;
- 90mm Celotex Thermacel Cavity Wall 21 (or equal);
- Ancon ST1 225mm wall ties (or equal) in staggered pattern;
- Thermolite internal block-work leaf min. 3.6N blocks;
- Weepholes installed at 450mm centres;
- 12.5mm Gyproc wallboard (or equal) on dabs;
- 3mm skim coat plaster finish;
- Paint finish

MANSARD ROOF CONSTRUCTION (UNVENTILATED) (U-Value 0.14)

- Vertical slate roof tiles to match existing (client to confirm finish)
- 25 x 38mm treated softwood tiling battens and counter battens
- Tyvek sarking breather membrane (or similar)
- 9mm Promat 'Supalux' fire rated board (to boundary sides only)
- 9mm OSB sarking board fixed as per engineers specification
- 150 x 50 C24 timber roof structure to engineers design
- 150mm Celotex or Kingspan K107 full fitted between the rafters
- 32.5mm Kingspan K118 or Celotex insulated plasterboard
- 9mm Promat 'Supalux' fire rated board (to boundary sides only)
- 1000 Gauge VCL layer (if not built in to insulated plasterboard)
- 3mm Skim coat with painted finish



Proposed Roof Plan 1:50

FLAT ROOF CONSTRUCTION (COLD) (U-Value 0.14)

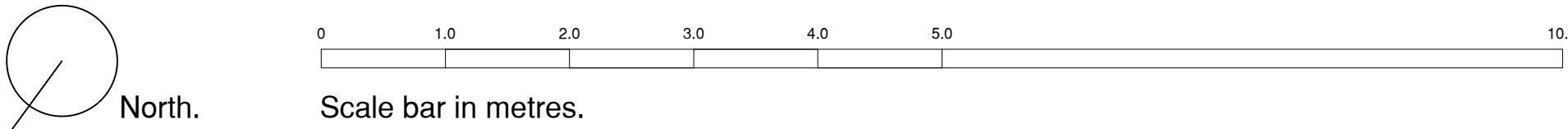
- Polyroof fibreglass roof installed per manufactures or;
- Single Ply membrane with AA fire rating and laid to specialist suppliers specification or;
- Three layer built up roofing felt installed by specialist. Tyvek sarking breather membrane (or similar)
- 18mm WPB plywood board fixed as per engineers specification
- Firings to provide min. 1.60 fall
- 150 x 50 C24 timber roof structure to engineers design
- 50mm clear cavity air gap
- 100mm Celotex GA4000 between joists and 70mm under
- 1000 Gauge VCL layer (if not built in to insulated plasterboard)
- 12.5mm plasterboard
- 3mm Skim coat with painted finish

PITCHED WARM ROOF CONSTRUCTION (U-Value 0.14)

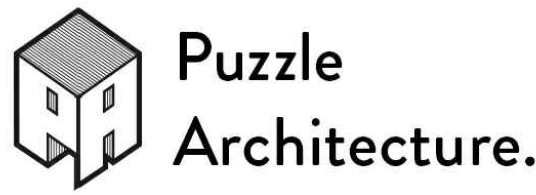
- Roof tiles to match existing (client to confirm finish)
- 25 x 38mm treated softwood tiling battens and counter battens
- Tyvek sarking breather membrane (or similar)
- 9mm OSB sarking board fixed as per engineers specification
- Timber roof structure to engineers design
- 150mm Celotex or Kingspan K107 full fitted between the rafters
- 57.5mm Kingspan K118 or Celotex insulated plasterboard
- 1000 Gauge VCL layer (if not built in to insulated plasterboard)
- 3mm Skim coat with painted finish

CONFIRM STRUCTURAL TIMBER SIZES WITH ENGINEER ONSITE.

Proposed drainage fall direction. Drainage channels to be formed in plywood and lined with appropriate code 4/5 leadwork or GRP to specialists design. Final design TBC onsite by contractor (contractor design item).



A	12.08.22	General amendments to suit plans check
Rev	Date	Description



puzzlearchitecture.co.uk
contact@puzzlearchitecture.co.uk



B Regs

Drawing Ref
Proposed Second Floor and Roof Plans

Project
10 Waterman Way, Wapping
Loft Conversion and Extension

Project No	Drawing No	Rev
08.22.WW	101	A
Drawn	Checked	Scale
LC	LC	1:50 @ A1
		Date
		17.05.22