

CONSTRUCTION NOTES:

WINDOWS:

- UPVC, including 1nr tilt-and-turn unit to the rear elevation.
- Anthracite grey.

EXTERNAL FINISH:

- Sand-and-cement render base coat finished with white polymer render system or
- Face brickwork to match existing where applicable.

CAVITY WALL CONSTRUCTION (GROUND FLOOR):

- 350mm cavity wall consisting of:
 - 100mm concrete blockwork internal skin,
 - 150mm cavity including 100mm thick Kingspan (or similar) insulation cavity boards.
 - 100mm face brickwork external skin (to match existing building).

CAVITY WALL CONSTRUCTION (FIRST FLOOR):

- 350mm cavity wall consisting of:
 - 100mm timber studwork internal skin,
 - 100mm cavity including 50mm Kingspan insulation or similar fixed to internal face,
 - 100mm Kingspan insulation or similar between studs,
 - Vapour barrier fixed to studs,
 - 100mm blockwork external skin and
 - External finish of render as described above.

- Stainless steel wall ties where applicable.
- Cavities closed at eaves and openings.
- Thermabate cavity closures or similar.
- DPM lipped under DPC to form continuous moisture barrier.

FOUNDATIONS:

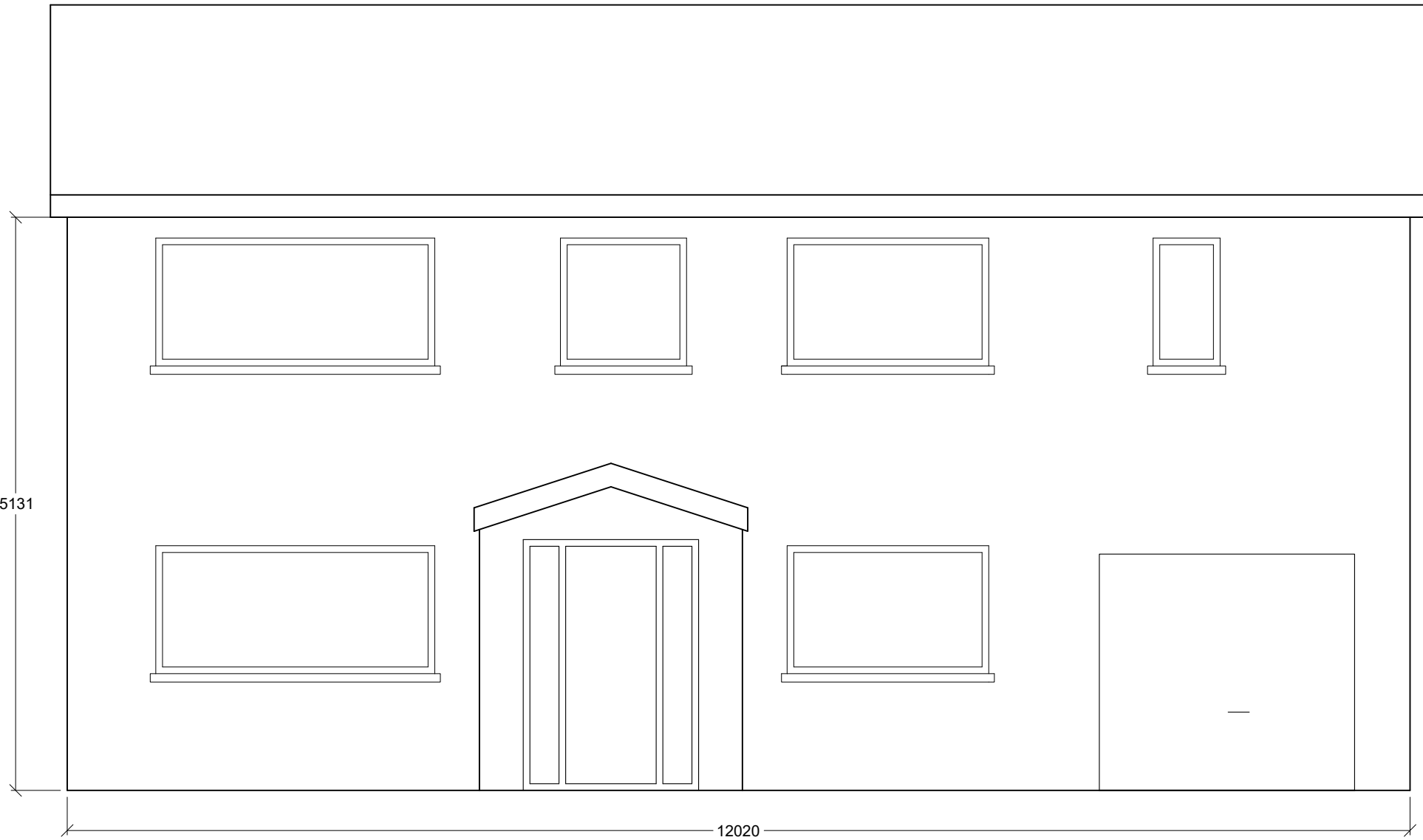
- Minimum 600mm wide by 300mm deep concrete strip foundations laid on suitable bearing strata (clay) and doweled to existing foundations in accordance with the Engineer's Drawing.
- Cavity filled with lean mix concrete up to 225mm below DPC.

FLAT ROOF CONSTRUCTION (WARM ROOF):

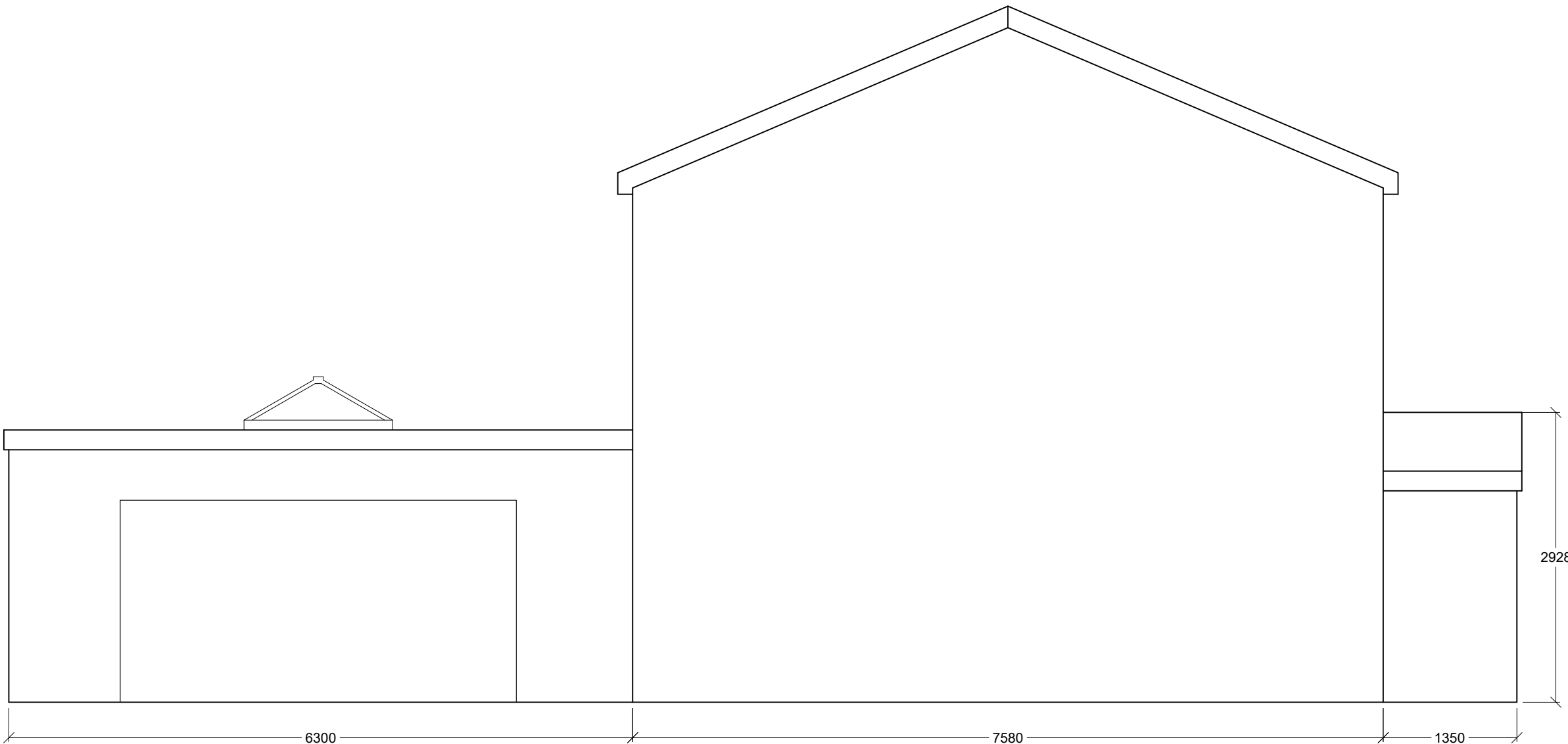
- 225mm x 50mm C24 joists at 400mm centres,
- Additional trimmers and upsized joists as required by engineer to accommodate lantern,
- Furring pieces to achieve required fall,
- 12mm OSB board lower roof deck,
- Vapour barrier affixed to top of lower deck,
- 150mm Kingspand or similar rigid insulation between joists,
- 18mm OSB board upper roof deck,
- Rubber roof covering (grey finish),
- White UPVC fascia, soffits and rainwater goods etc.

OVERSITE:

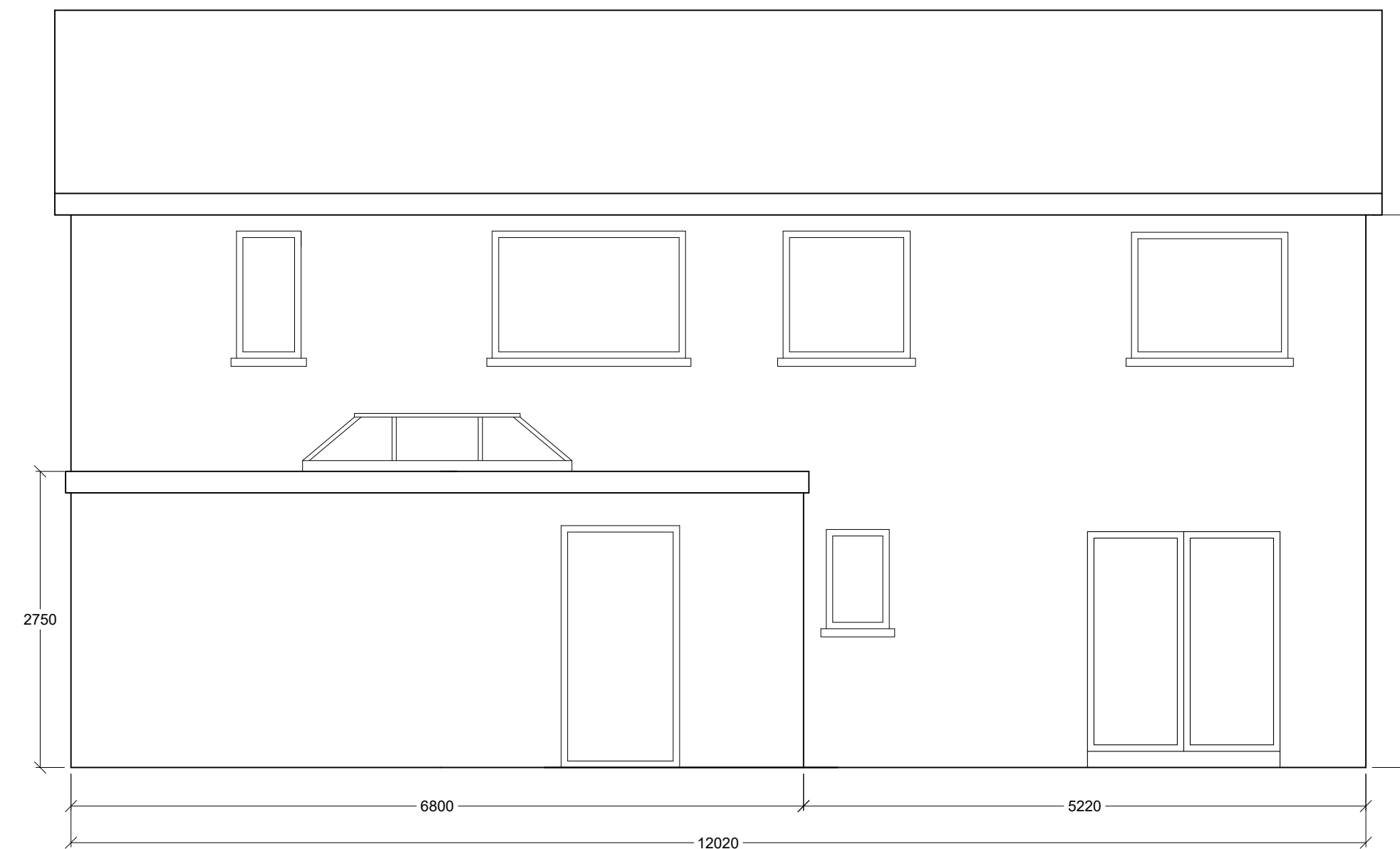
- 50mm sand-and-cement screed on 100mm concrete slab with 1200 gauge DPM above 100mm Kingspan insulation or similar, perimeter lined with 25mm vertically placed insulation boards.
- Sand blinding on 150mm consolidated sub-base.



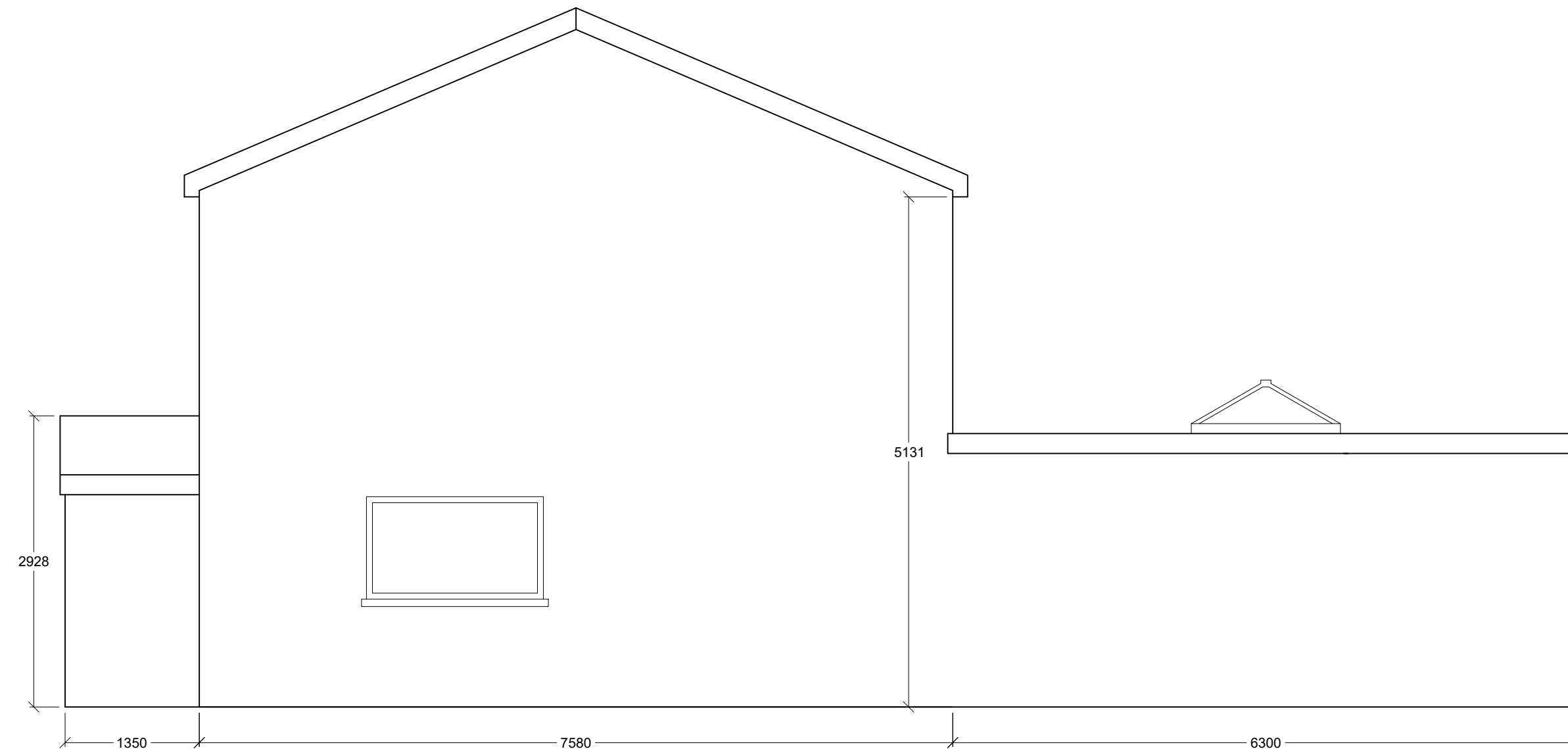
Proposed South Elevation



Proposed West Elevation



Proposed North Elevation



Proposed East Elevation

Proposed Extension
2 Penydarren Gardens
Merthyr Tydfil
CF47 8RJ
Proposed Elevations

Scale 1:50 at @ A1 unless stated