

NOTES

1. All dimensions to be checked on site by builder prior to commencement.
2. This drawing is Copyright of Creation Building Design and may not be amended or copied, either manually or electronically, without the express written permission of the Copyright owner.
3. This drawing is to be read in conjunction with Drg. Nos. 22181-1 & 3.
4. **FOUNDATIONS**
600/450mm wide mass concrete foundation trenches set out centrally under loadbearing walls to be taken down to suitable bearing strata, 1000mm minimum below ground level or invert of any adjacent drains generally and 1500mm minimum adjacent ex. boundary hedge, whichever is the greater, to the satisfaction of the Approved Inspector. All concrete to be to BS 5628 Part 2 1981, plain concrete to foundation and insitu floor slabs, minimum mix strength RC25.
5. **DPC**
To be minimum 2000 gauge polymer DPC to each leaf of masonry, positioned at ground floor level or where shown, 150mm above external ground level. Insulated vertical DPC's to all vertical cavity closures.
6. **EXTERNAL CAVITY WALL**
External cavity wall to be 102mm facing brickwork to match existing with 100mm cavity filled with Dritherm or similar cavity insulation bats, 100mm wide inner leaf of Celcon Standard or similar blockwork, plasterboard on dabs with skin finish internally. Cavity to be tied with stainless steel or similar wall ties to BS 1243 at 750mm horizontal centres and 450mm vertical centres, 225mm at openings. All new openings to be supported using Galvic insulated lintels with 150mm minimum end bearing. All new brickwork to be strapped to BS 5628.

7. **EXTERNAL WALL - GARAGE**
Garage wall to be 215mm thick constructed with 2No. skins 102mm facing brickwork tied together with stainless steel or similar wall ties to BS 1243 at 900mm horizontal centres and 450mm vertical centres, 225mm at openings. All new openings to be supported using Galvic insulated lintels with 150mm minimum end bearing. All new brickwork to be strapped to BS 5628.

8. **IN-SITU FLOOR SLAB**
100mm concrete slab on 500 gauge polythene DPM on 80mm Celotex or Kingspan floor grade insulation with 25mm perimeter insulation on 1200 gauge polythene DPM linked to DPC on 150mm min. sand blinded well compacted limestone sub-base. Floor finish to be agreed with the client.

9. **IN-SITU FLOOR SLAB - GARAGE**
150mm concrete slab with 1 layer A193 mesh fabric in top face with 40mm minimum concrete cover and 350mm side & end laps on 1200 gauge polythene DPM linked to DPC on 225mm min. sand blinded well compacted limestone sub-base.

10. **BLOCKWORK PARTITION**
100mm blockwork built off 450mm wide mass concrete trench fill foundations with 12.5mm plasterboard on dabs plaster & skim finish to each face.

11. **STUD PARTITION**
75x50mm s/w studs at 450mm max. centres and crossed braced with 75mm quilt insulation between studs (min. density 10kg/m3) where shown and 9.5mm plasterboard & skim finish.

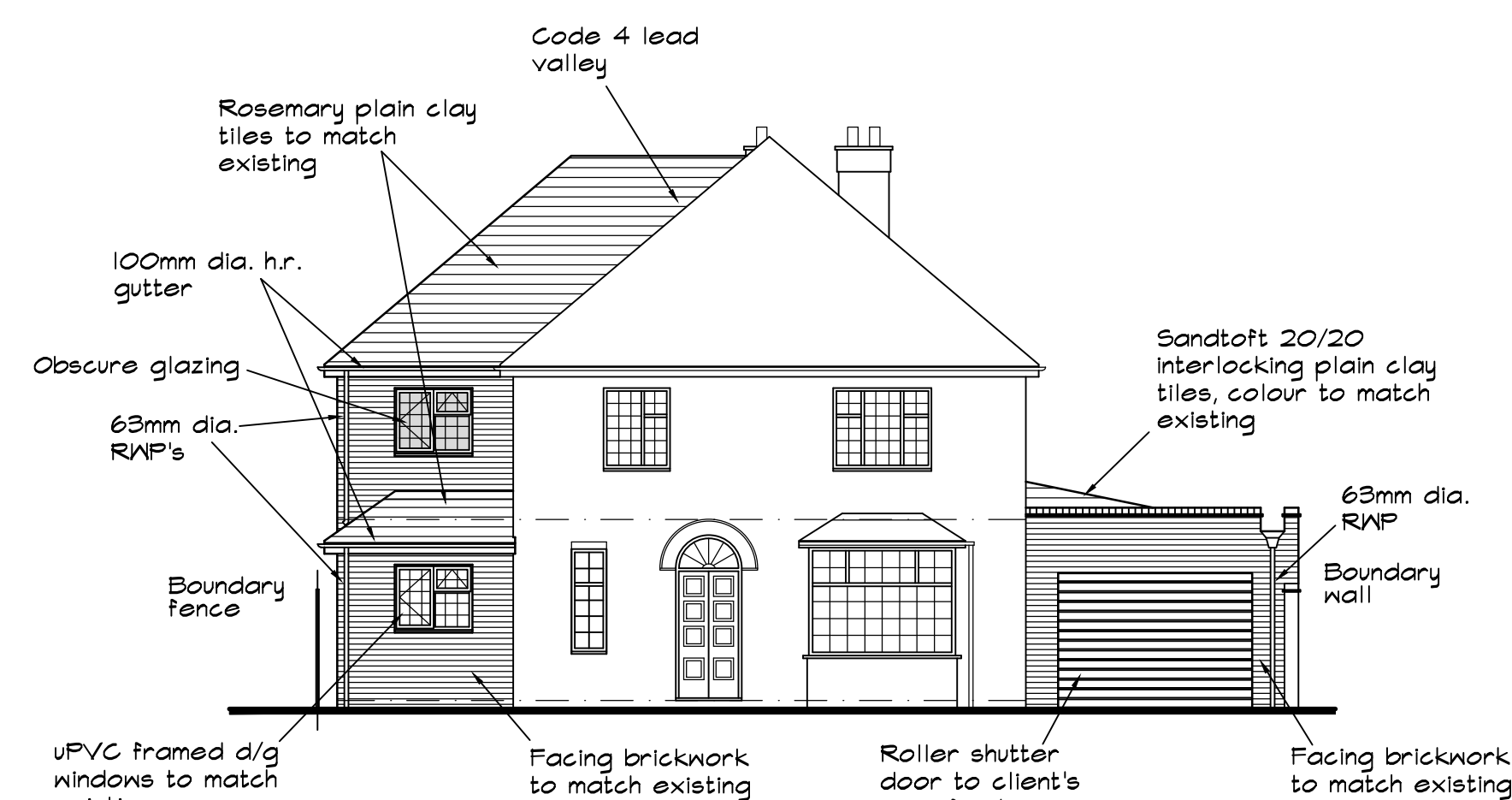
12. **FIRST FLOOR**
22mm tongue and groove chipboard (moisture resisting in En-Suite) on 47x170mm Grade C24 floor joists @ 400mm centres max. with 1 row solid strutting @ midspan with 100mm quilt insulation between joists and underdrain with 12.5mm foil-backed plasterboard & skim finish. Triple joists under partitions.

13. **PITCH ROOF - MAIN**
Rosemary plain clay tiles to match existing on 38x25mm tanalised s.w. battens on Kloben Ferno Forte vapour permeable breathable felt with 10-15mm sag between rafters. Roof timber sizes as shown on section. 100mm insulation to be laid between ceiling joists with 150mm laid on top at 90 degrees to the joists and underdrain with 12.5mm foil-backed plasterboard and skim finish. Eaves and fascia to match existing.

Continued on Drg. No. 22181-3

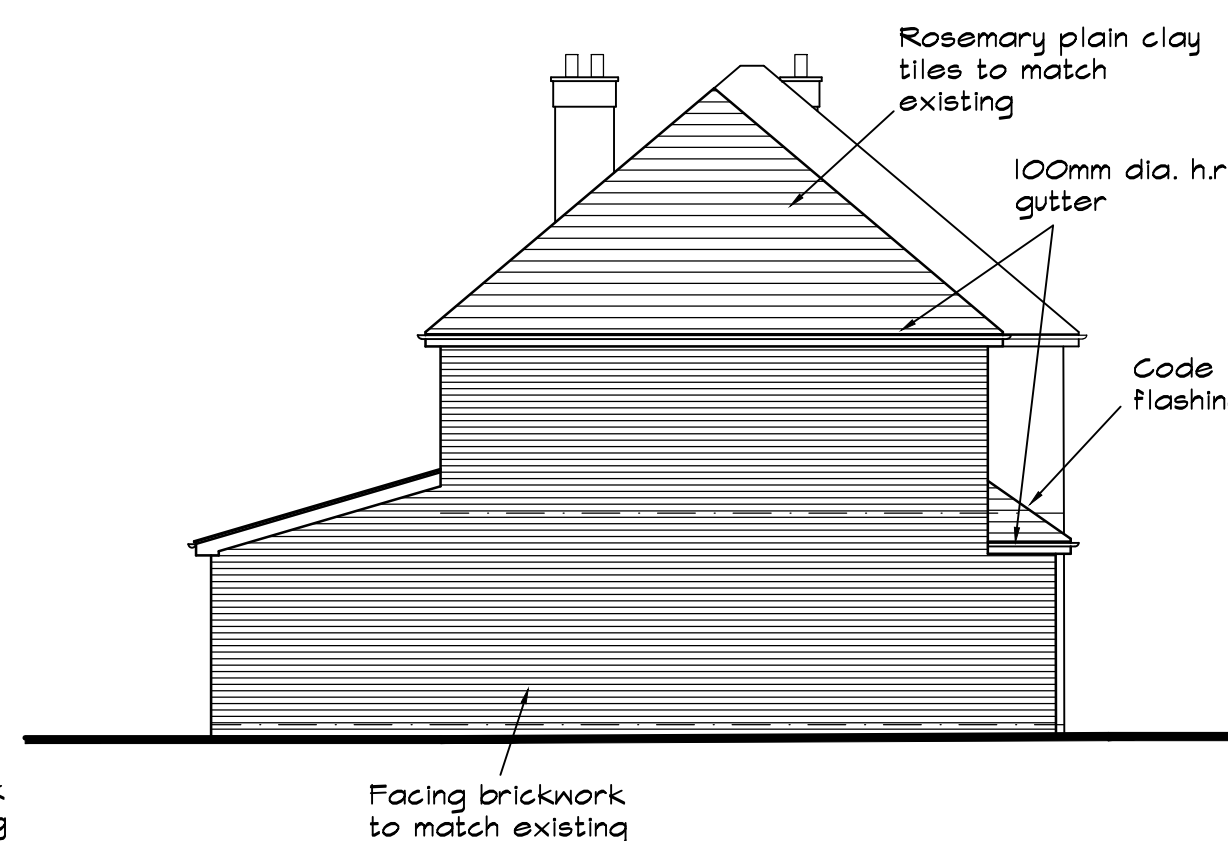
- Rev. C 01.12.21. Details finalised for Planning and Building Regulation approval.
- Rev. B 25.11.21. Double doors added between Lounge/Dining in accordance with the client's comments.
- Rev. A 23.11.21. Amended in accordance with the client's comments.

Project		Proposed Extensions at 30, Milton Road, Repton, Derby.	
Client		Mr Greenhowe & Miss Kendall	
Scale	1:100 & 1:50	Drg. No.	22181-2C
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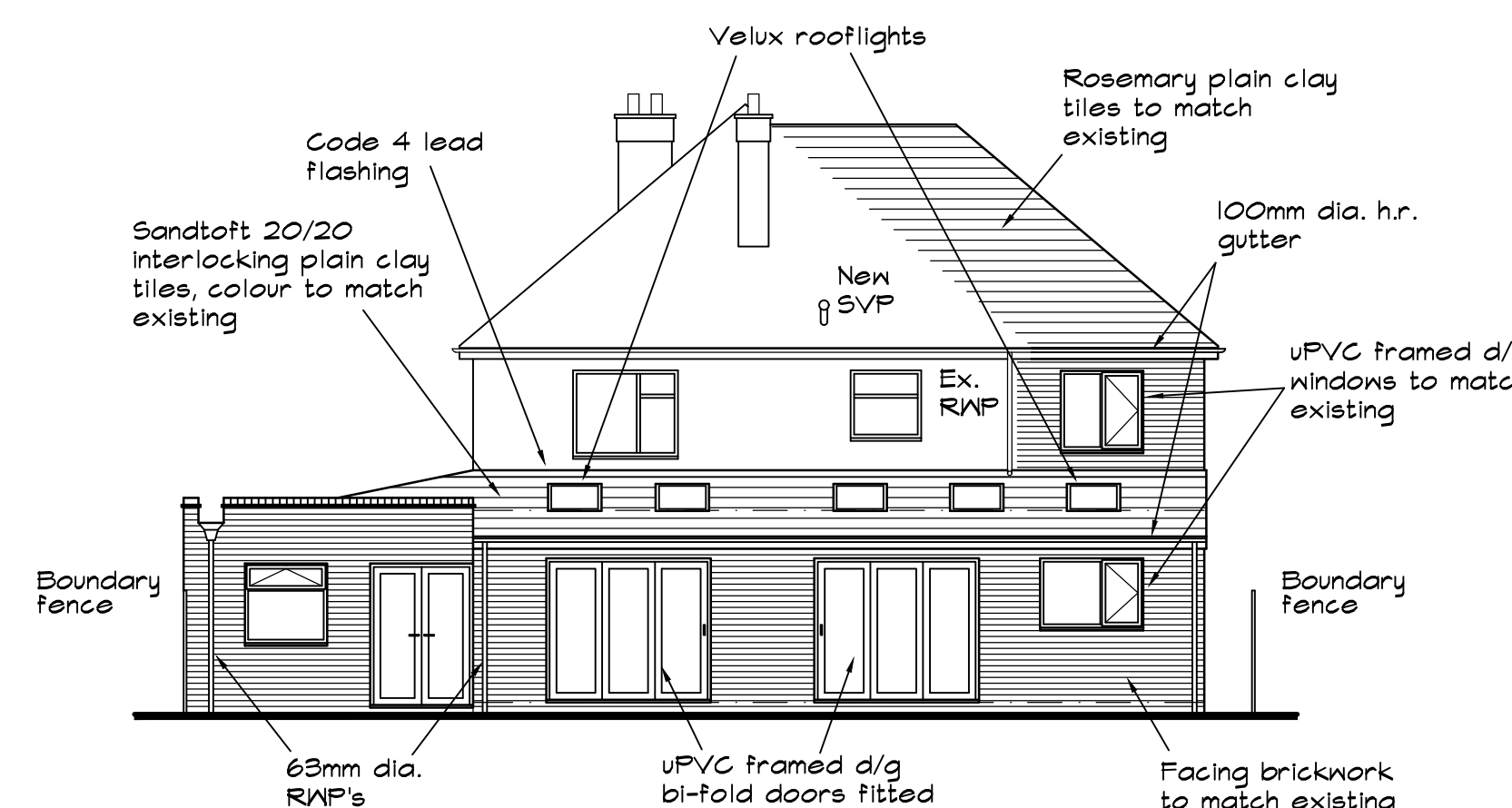
Proposed Front Elevation

1:100



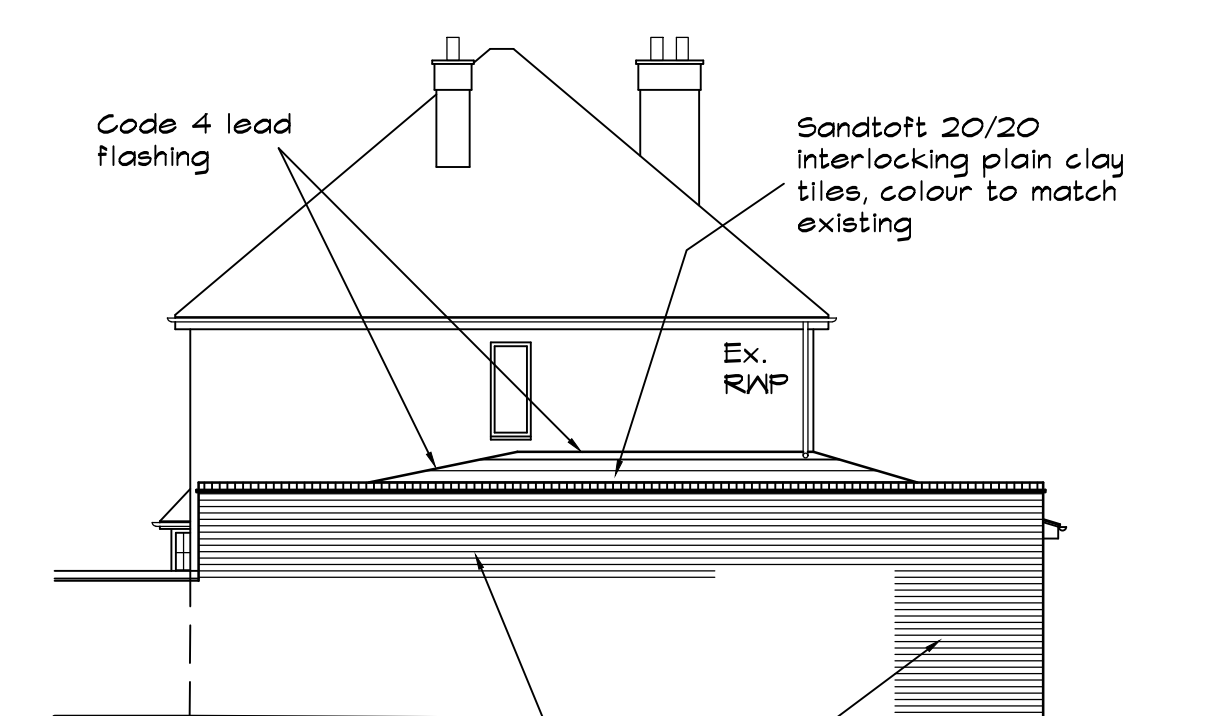
Proposed Side Elevation

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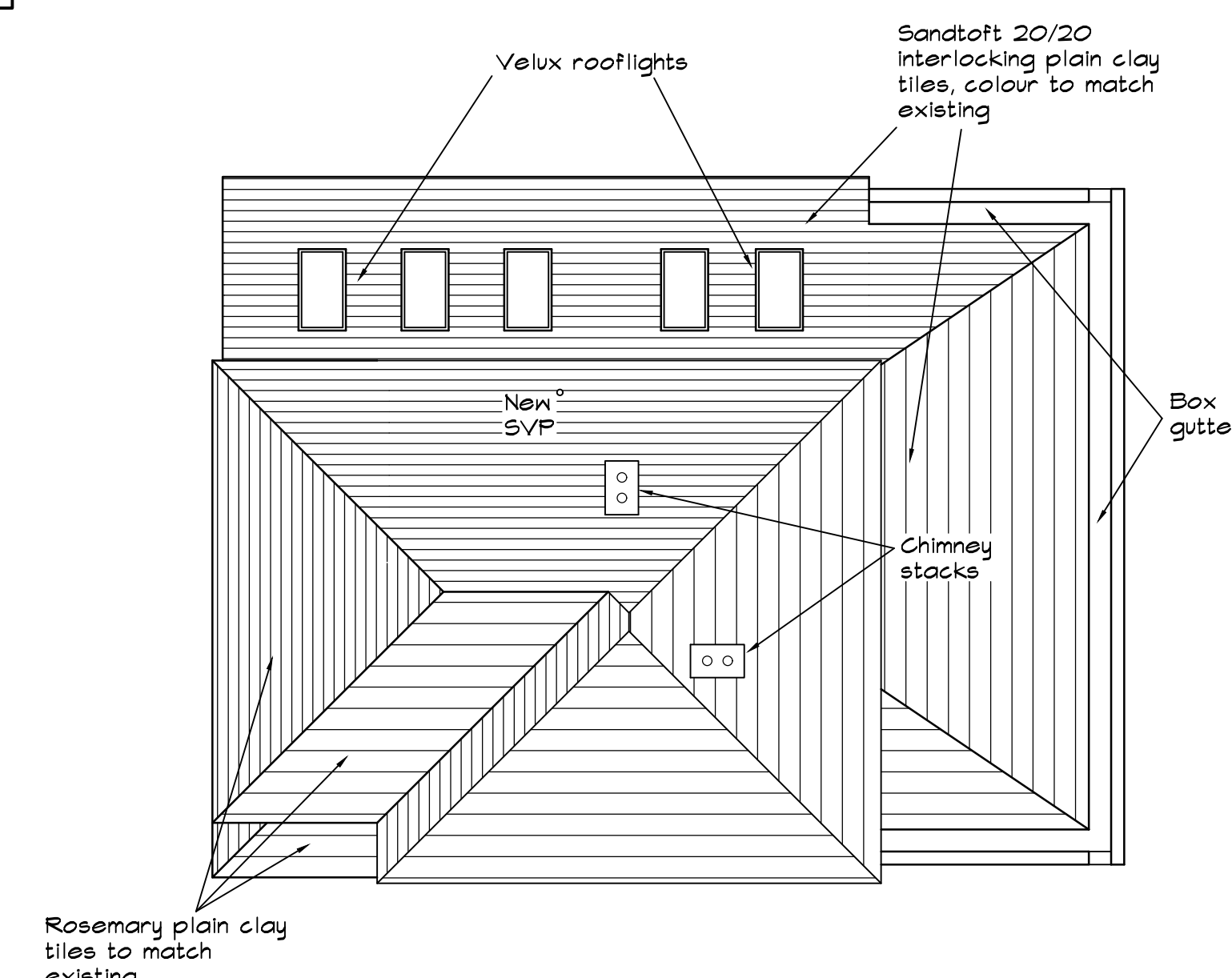
Proposed Rear Elevation

1:100



Proposed Side Elevation

1:100



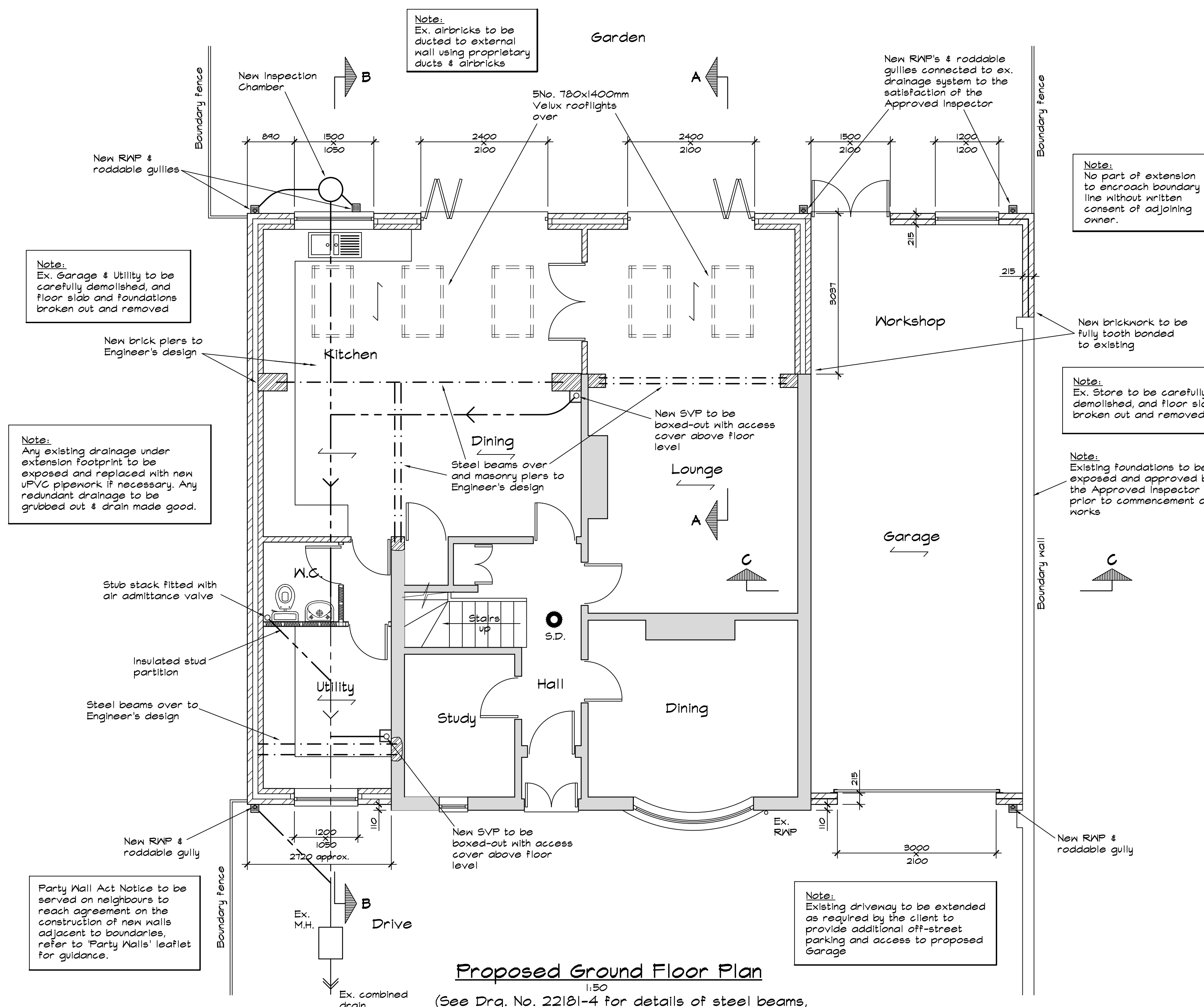
Roof Plan

1:100

Key

- S.D. - Mains operated interlinked smoke detector

All electrical works to be undertaken, tested and commissioned by an electrical contractor registered under the Competent Persons Scheme.



Proposed Ground Floor Plan

1:50

(See Drg. No. 22181-4 for details of steel beams, bearings, padstones, masonry piers and foundations.)