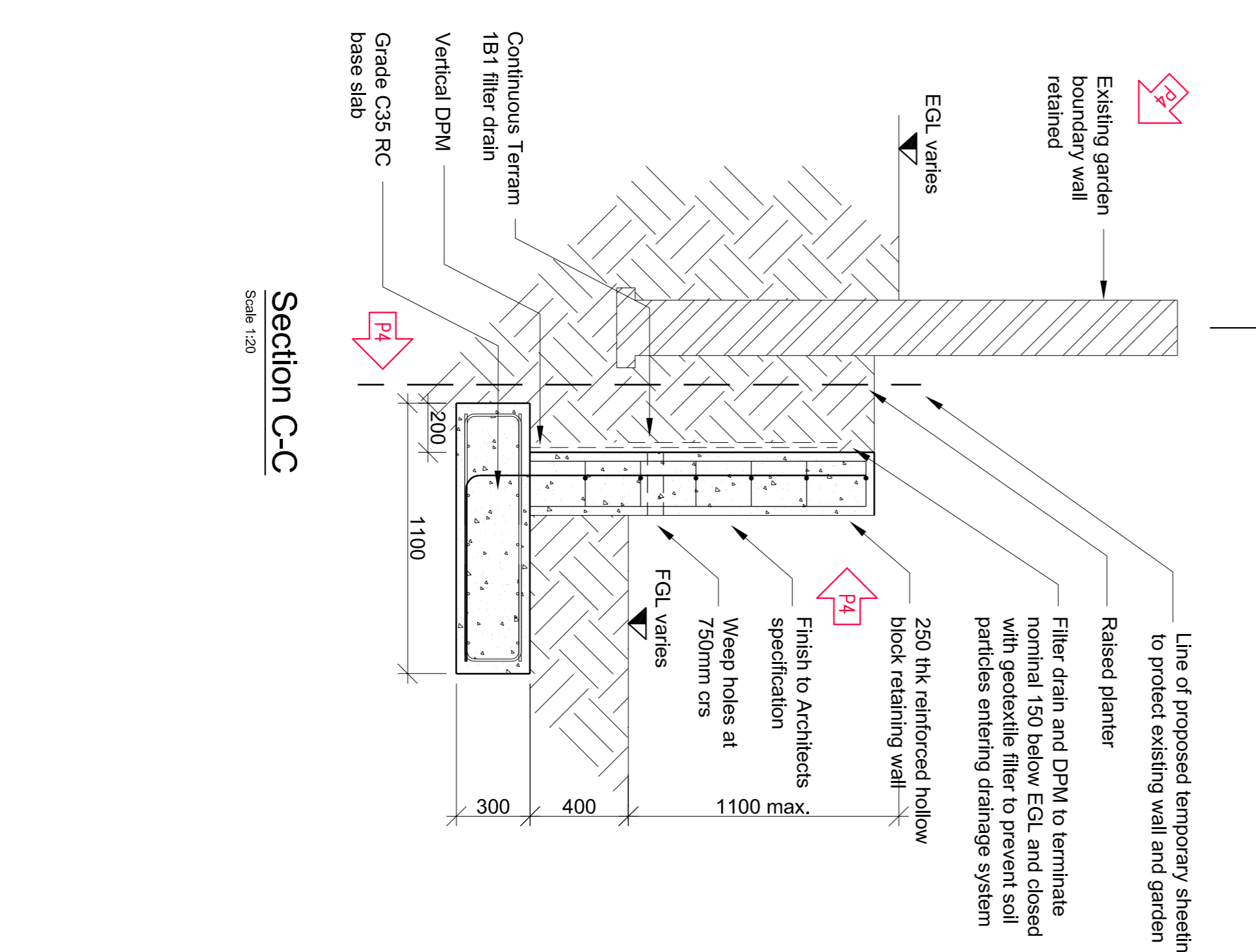
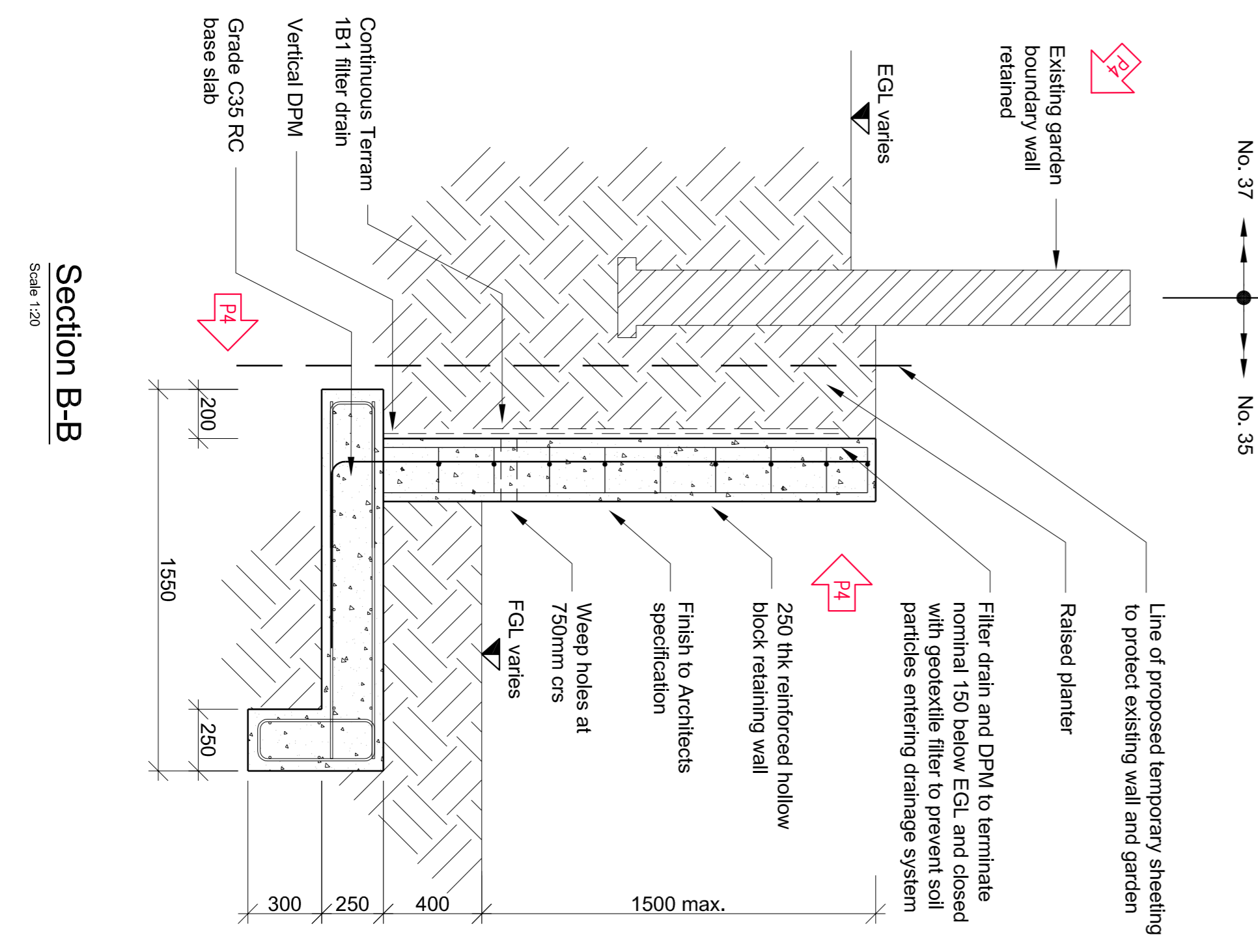
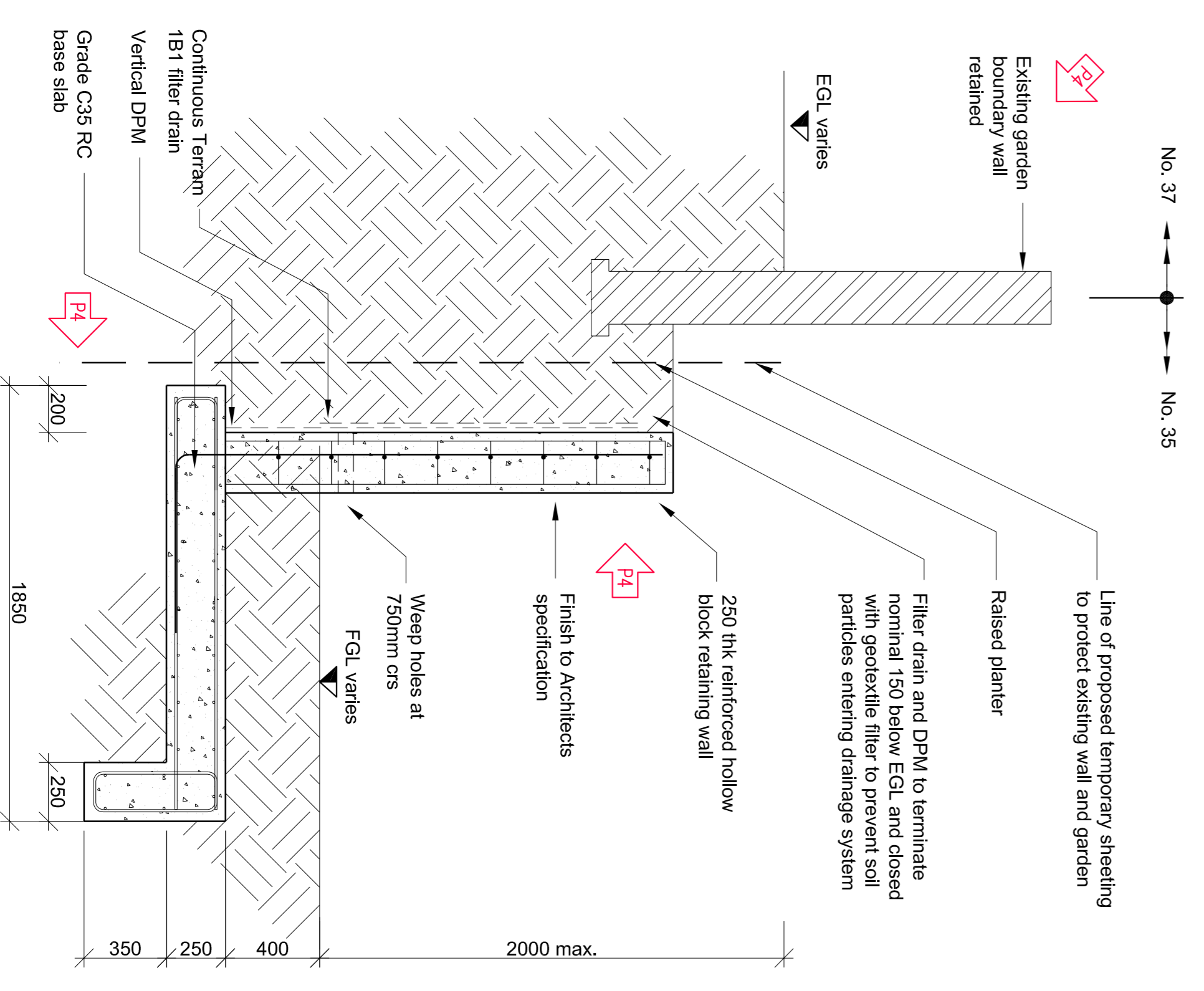


For Sections F-F & G-G refer to drawing SP35-03

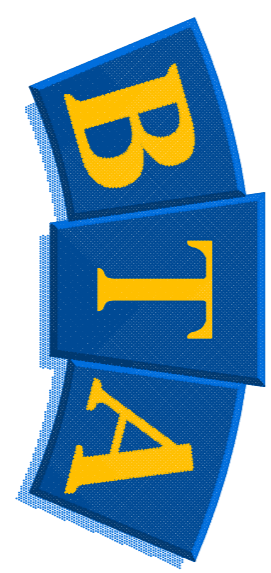


Notes

- All dimensions in millimetres unless noted otherwise.
- This drawing to be read in conjunction with the specification, Architects drawings & schedule of works.
- The contractor is to submit a detailed method statement for structural works before they commence.
- All temporary works, shoring and propping to be designed by the Contractor.
- Refer to BTA calculations for justification of structural members.
- Base Slab
 - Reinforced concrete for base slab to be grade C35 unless noted; maximum aggregate size 20mm. Water content to be the minimum to achieve adequate workability.
 - Comply in all respects with the requirements of BS 8110: Part 1; and all relevant codes of practice mentioned therein.
 - High yield reinforcement to comply with BS4449. Mesh fabric to comply with BS 4483. Reinforcement shall be firmly fixed in place. Approved concrete or plastic spacers shall be provided to maintain the specified cover.
 - All work to be carried out to Engineer's and Building Inspectors approval. Notice to be given of concreting so that fixed reinforcement can be inspected.
- Retaining Wall
 - Retaining wall to comprise proprietary reinforced hollow concrete blockwork, nominal 250mm thick aggregate size 10mm; 150mm wide to be grade C35; maximum 200mm high.
 - Reinforcement coupler to be used at all construction joints to facilitate stretcher bond coursing.
 - Concrete materials and workmanship to comply in all respects with the requirements of BS 8110: Part 1; and all relevant codes of practice mentioned therein.
 - High yield reinforcement to comply with BS4449. Mesh fabric to comply with BS 4483. Reinforcement shall be firmly fixed in place. Approved concrete or plastic spacers shall be provided to maintain the specified cover.
 - All work to be carried out to Engineer's and Building Inspectors approval. Notice to be given of concreting so that fixed reinforcement can be inspected.
 - Finish to hollow block wall to be as Architects specification.
- Open-Site Underpinning
 - The contractor shall take measures to ensure the stability of excavations at all times. Temporary propping of excavation to be installed as necessary to prevent travelling of topsoil/banking from higher ground levels and to protect against possible fissures with the clay material.
 - Underpinning shall be carried out as soon as possible after exposing base of excavation. If finished base is left uncovered for more than 24 hours it shall be blinded with concrete.
 - The sequence of underpinning shown may be varied subject to approval, and to the following criteria:
 - Adjacent pads must not be dug consecutively.
 - Min two pad lengths to separate areas being worked on simultaneously.
 - Level the deeper pad is to be constructed first.
 - Max depth of any 1 pad to be 1.1m.
 - Suitable measures must be taken to protect the workforce from propping bars.
 - Temporary propping of completed piers to be installed as necessary until each concrete core has cured.
- Filter Drain
 - Continuous filter drain with integral geotextile separator, type Terrain 1B1 or other equal and approved, to be installed directly behind the hollow block retaining wall. Filter drain to be butted joined at all construction joints.
 - All free edges and all joints of filter drain to be 'sealed' with a geotextile separator to prevent soil fines entering the drainage.
 - Vertical DPM to be installed between filter drain and retaining wall. DPM to be lapped 300mm at all construction joints. Filter drain to be subsequently linked through to all weep holes.

PLANNING

Rev	Date	Description
P3	Feb 2014	Notes revised
P2	Feb 2014	Elevation revised and levels added.
P1	Jan 2014	Filter drain in lieu of French drain. Issued for planning.



BTA Structural Design
 Street Farmhouse, Shilton Moynie, Tebury, Glou G18 9PN
 Tel: 01686 880532 Fax: 01686 880541
 London Office Tel: 020 8995 0567 Website: www.bta.co.uk

Project
35 South Hill Park
 External Works

Date	Scale	Drn/By	Checked
Jan 2014	1:50 & 1:20 on A1	SAS	P4

Job No **940** Drawing No **SP35-02**