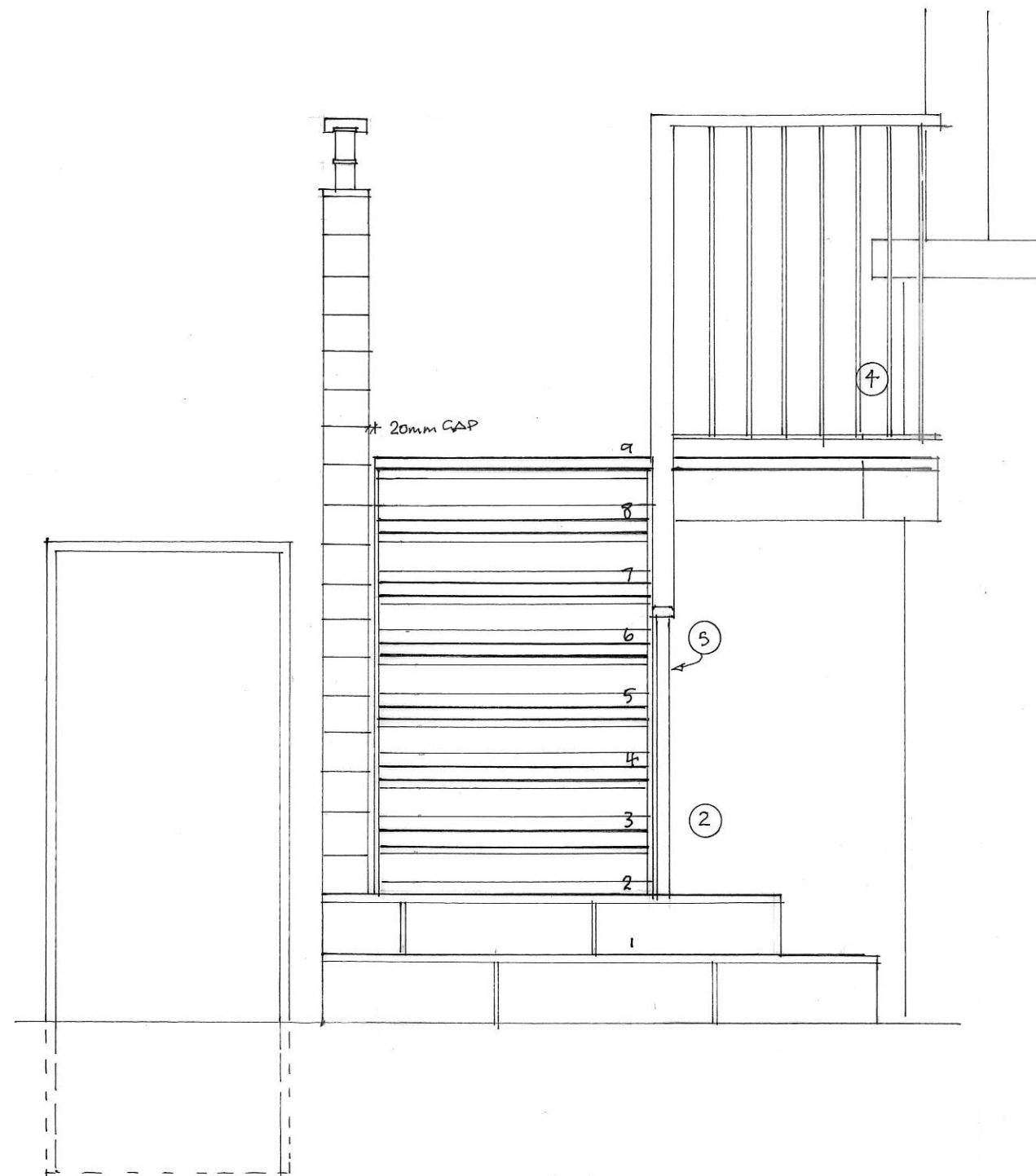


SECTION CC



STAIRCASE ELEVATION

- 1 Retaining walls, slab and foundation to structural engineers details. Stone paving laid to fall to trapped gully with cast iron grating. Drain connected to 1x1x1m soakaway min. 5m from building. Outside face of retaining walls painted with two coats RIW waterproofing protected by RIW Protection Board. Install RIW Sheetseal between house wall and end of retaining wall and ensure continuity with existing damp proofing arrangements.
- 2 Existing concrete staircase to be demolished. New staircase treads 3-9 and landing in steel. Treads 1 & 2 form a cast concrete plinth clad in stone. Steel stairs bolted to concrete plinth. Landing supported on steel/timber screen and on wall of house.

Risers (R) 200mm, going (G) 300mm to be verified on site. Any adjustments to be made within the parameters of $2R + G$ at least 550mm and not more than 700mm. Maximum riser 220mm, minimum going 225, maximum pitch 42 degrees.

Steel treads have downstands and upstands such that a 100mm sphere cannot pass through. Timber treads have non slip carborundum inserts at the nosings

Guarding on the landing minimum 1.1m high. Handrail to stair flight minimum 900mm.
- 3 The screen that forms the guarding to the west is constructed in steel box sections with welded baseplates fixed to a concrete retaining wall that extends from the house to the post furthest from the house to ensure continuous level surface for all baseplates. Set baseplate and bolt fixings 50mm below ground level to allow for 30mm stone paving and 20mm mortar bed to be laid over. OR, baseplates may be located such that the paving can slide slightly underneath. Bolt fixing timbers to either side of box sections, slightly wider than the box sections, to provide fixings for timber claddings on vertical faces and at top. Leave space at base to ensure timbers are not in contact with the ground.
- 4 Structural engineer to design fixings of staircase landing and balustrade restraints. Principal landing balustrade fixing should be below the existing stone sill of the bay window as the stone mullion may be inadequate
- 5 Refer to dwg. 236-07 for balustrade details

All steelwork to be galvanized. All sizes and fixings as structural engineers details.

Section CC Retaining Wall & South Elevation of Staircase

18 Regwood Street

Date: November 2020

236-06

Scale: 1:20 at A3

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