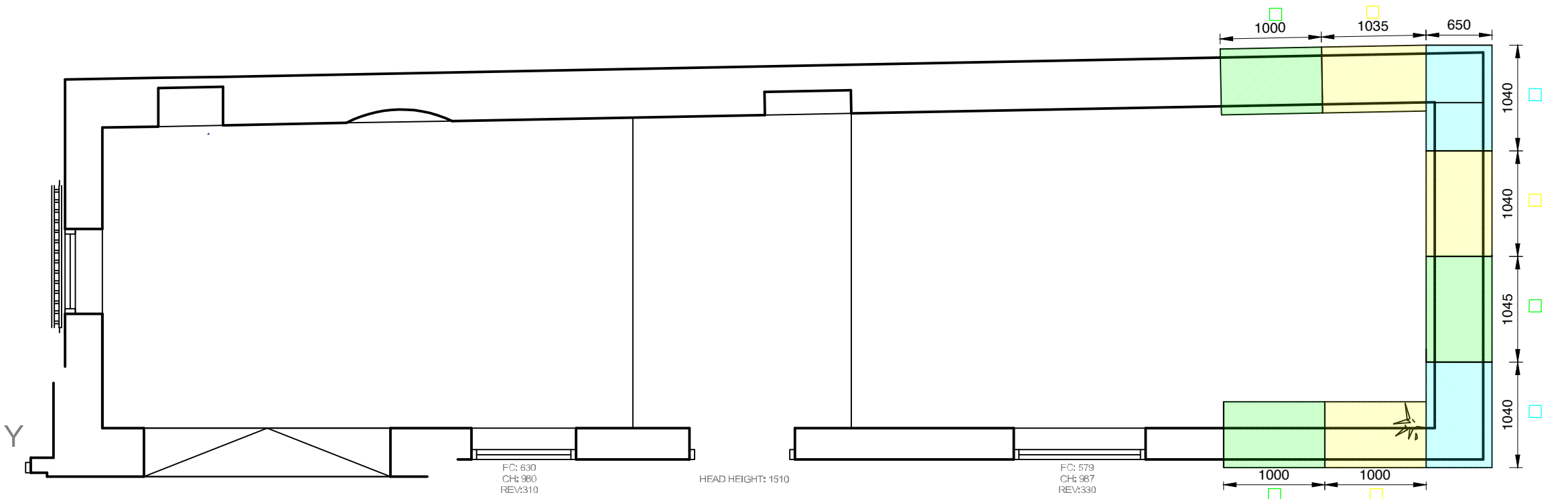




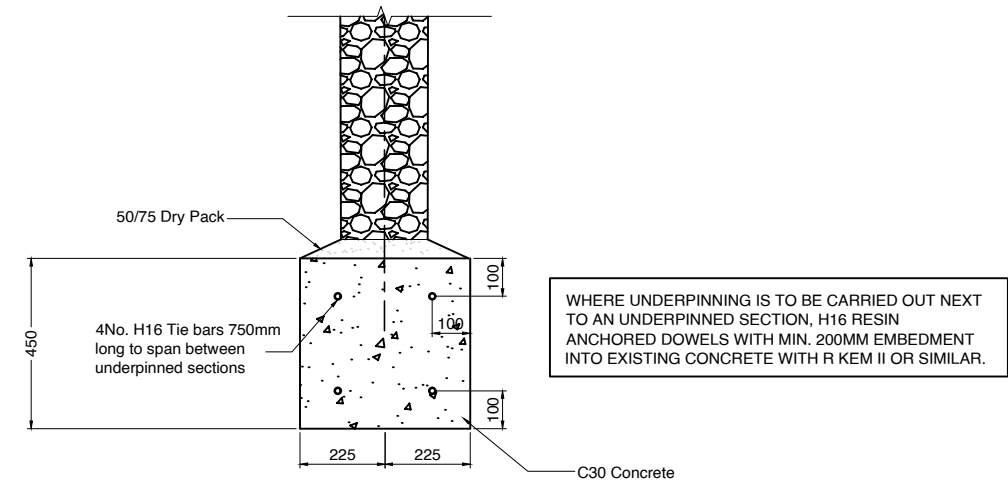
UNDERPINNING PLAN LAYOUT

SCALE 1:50



Underpinning Specifications

- Underpinning is to be taken a minimum 600mm below good ground level OR 200mm into Loadbearing Strata, whichever is greater.
- Underpinning is to be excavated in lengths not exceeding 1000mm.
- No section of underpinning shall be carried out simultaneously at less than 2000mm apart (SECTIONS 1, THEN 2, THEN 3, ETC.).
- During excavation care is to be taken to avoid settlement of existing wall and foundations, and support to the side of the excavation to be provided where necessary.
- Loadbearing strata must be inspected and approved by the Engineer on site.
- Mass concrete in new foundation to be 30N/mm² at 28 days, and individual pours are to be tied together with reinforcing bars (4No. T16, 750mm long placed equally in each pour).
- Existing foundation is to be pinned up with 1:3 cement/sand 24 hours after placing of mass concrete.
- Backfilling at the side of the underpinning is to be placed in 200mm well compacted layers.
- Packing to be carried out using 100x12.5mm board to ensure compaction.
- Restore any drainage and rainwater goods affected during the course of work.
- Restore the perimeter paths and garden as necessary.
- Repair internal plasterwork and finishes.
- Make good to decorations.
- Care to be taken to avoid electricity and gas mains.



TYPICAL PROPOSED UNDERPINNING SECTION

SCALE 1:20



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This design has been prepared in accordance with the information provided and the design is intended to be used in accordance with the regulations. The design is intended to be used in accordance with the regulations and to ensure that the design is used in accordance with the regulations. The design is intended to be used in accordance with the regulations and to ensure that the design is used in accordance with the regulations.

GENERAL NOTES

Do not scale dimensions off this drawing.

All dimensions to be in millimeters unless otherwise stated.

Any discrepancy between dimensions on this drawing are to be referred to the Engineer immediately.

Contractor to check dimensions on site, prior to commencement.

ASP

THE RATTLEBONE INN CHURCH STREET

UNDERPINNING DESIGN

CLIENT Box Construction	
DRAWN Rajan Dosanjh	REVIEWED Karan Singh
SHEET A3	STATUS Preliminary
DATE 05/12/2025	DRAWING NO 8332-05-00301_A

REV	BY	DATE	DESCRIPTION
A	NSS	09/01/2026	Reduced underpinning locations

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