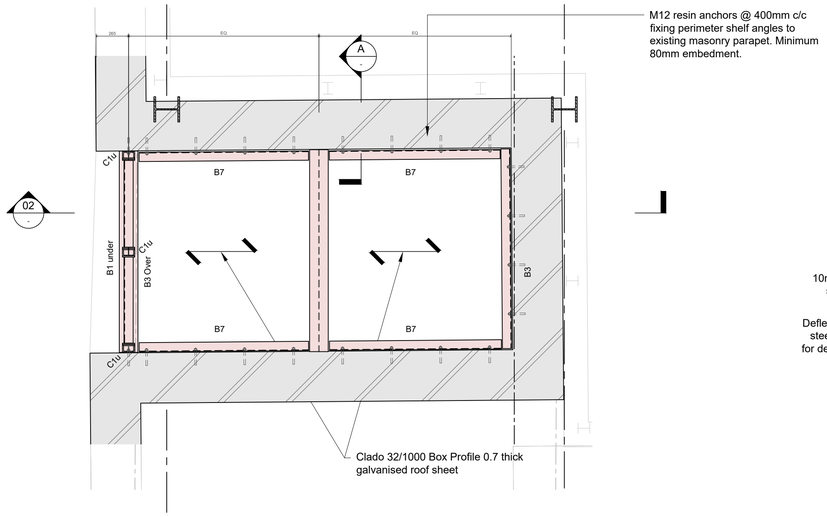
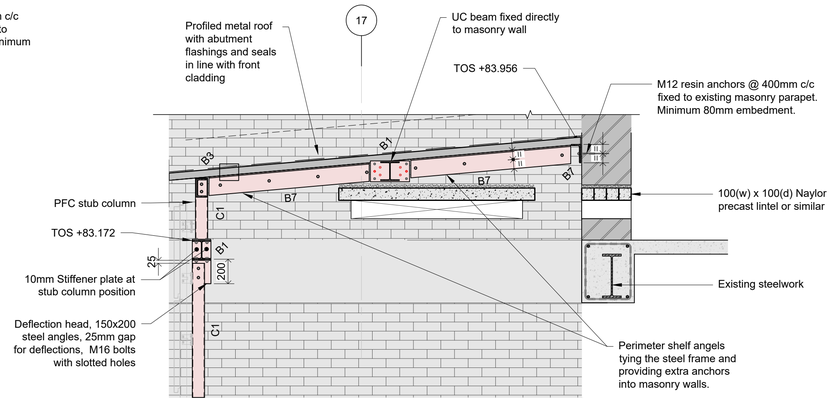
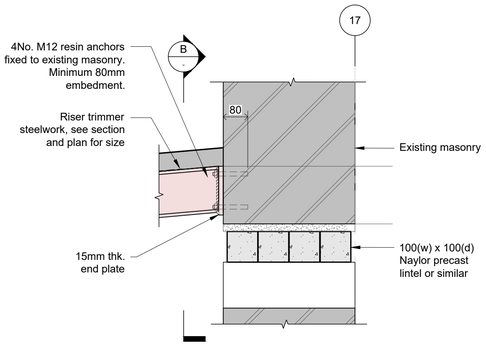


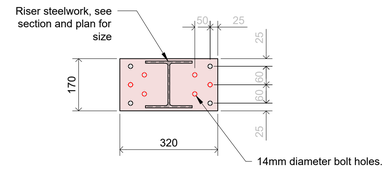
01 External Riser Roof Plan
1:25



02 Section
1:25



A Detail
1:10



B End Plate Detail
1:10

General Notes

1. This drawing is to be read in conjunction with all relevant architects & engineers drawings & specifications.

2. The contractor is to be responsible for all dimensions & for the correct setting out of the works on site.

3. Do not scale from this drawing.

Structural Schedule

- Existing beam
- B1 — Proposed beam 152x152x23 UC
- B2 — Proposed beam 203x203x46 UC
- Proprietary plant enclosure posts to contractor design
- B3 — Proposed beam 150x75x18 PFC
- B4 — Proposed beam 203x133x25 UB
- B5 — Proposed holding down beams 150x90x24PFC laid Flat
- B5 — Proposed beams 150x90x24PFC laid Flat
- B6 — Proposed spreader beam 100x100 SHS
- B7 — Proposed beam 150x75x10 RSA
- C1 — Proposed 100x50x18 PFC Column
- Indicates direction of span of existing slab (Thickness varies)
- Proposed service openings
- Existing service openings
- 35 — Indicates existing column number to be read in conjuction with existing column schedule on drawing SUN-EOC-V1-ZZ-DR-S-0112 (Based on archive drawings - For information only)

Note:

- All dimensions of steelwork and setting out to be site measured and confirmed by the contractor.
- Allowable imposed load on external riser is 1.50 kPa, allowing for light maintenance access. Awaiting weight information of MEP equipment to be supported on proposed riser steelwork, to be confirmed by MEP consultant.
- Steel-to-steel connection to contractor's design. Connection intent as per fin plate detail in EOC drawing SUN-EOC-V1-ZZ-DR-S-4101.
- Steel-to-steel connection to be designed with following forces:

Shear Force V = +- 50kN
Tie Force N = +- 75kN

Rev	Date	By	Chkd	Description
C02	19/08/24	TJ	TL	Issued for Construction
C01	17/07/24	ASM	TL	Issued for Construction
P01	11/06/24	TJ	JS	Draft for coordination

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Project Title
Sunlight House

Drawing Title
External Riser
Typical Sections

Project Number 22222
Scale 1:50 [A1]
Drawn By ASM
Date Aug 2023
Drawing Suitability A1 - For Construction
Version
Drawing Number SUN-EOC-V1-ZZ-DR-S-4201
Revision C02