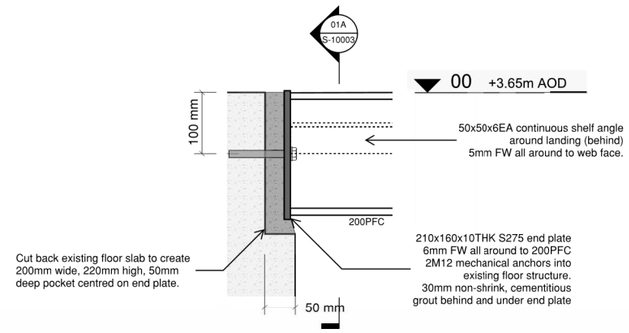
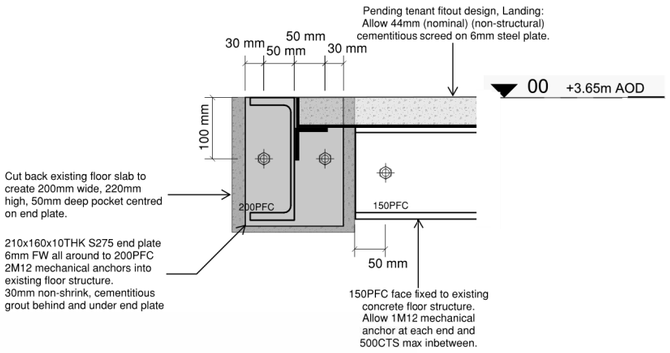


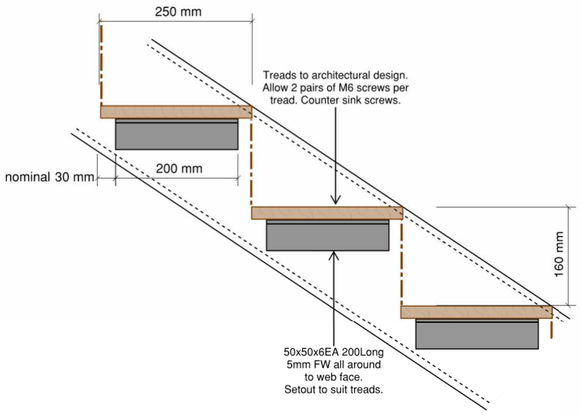
Detail 01: Outer stringer top connection

Scale 1:5



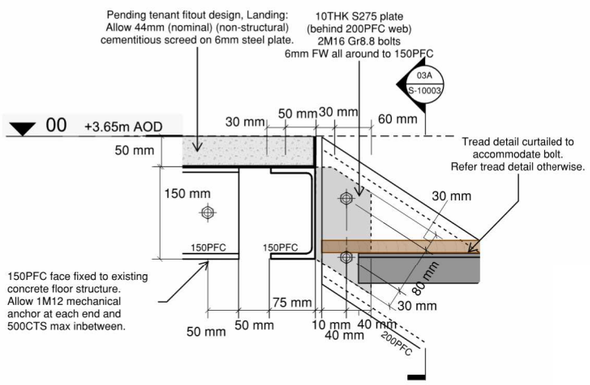
Detail 01A

Scale 1:5



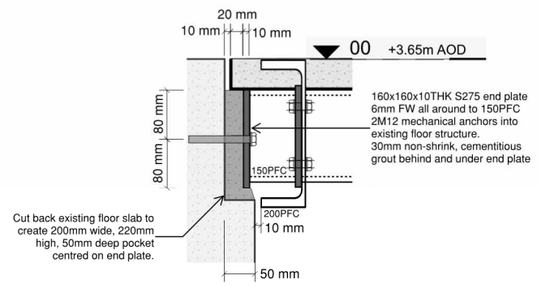
Detail 02: Tread detail

Scale 1:5



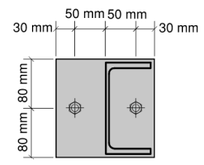
Detail 03: Upper landing support cross-beam connections

Scale 1:5

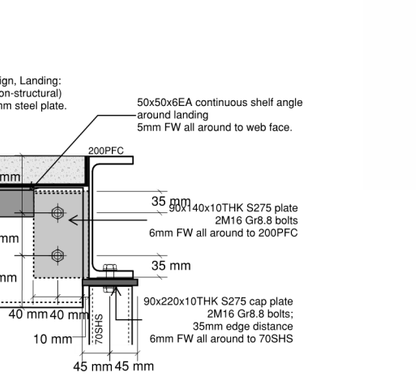


Detail 03A

Scale 1:5

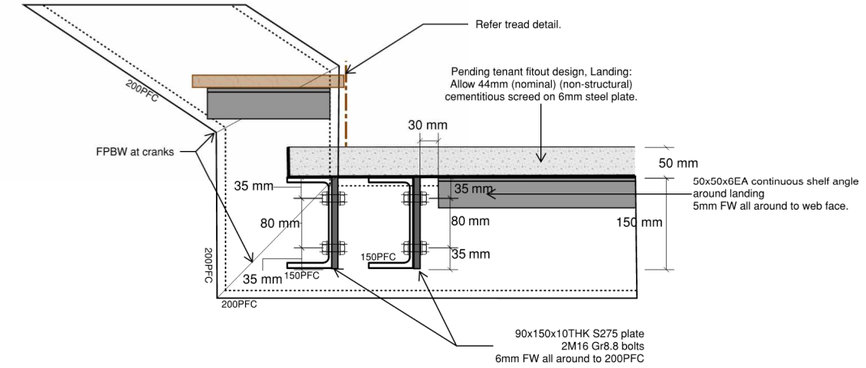


End plate geometry



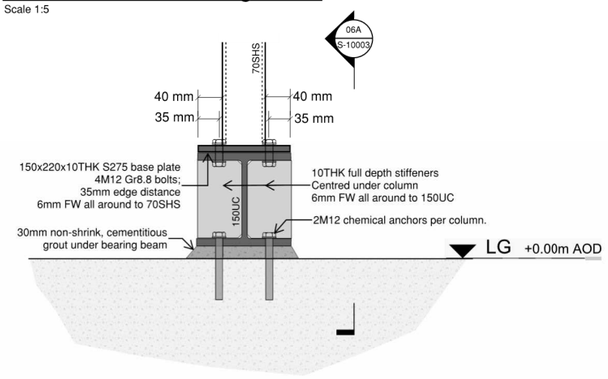
Detail 04: Mid-landing detail

Scale 1:5



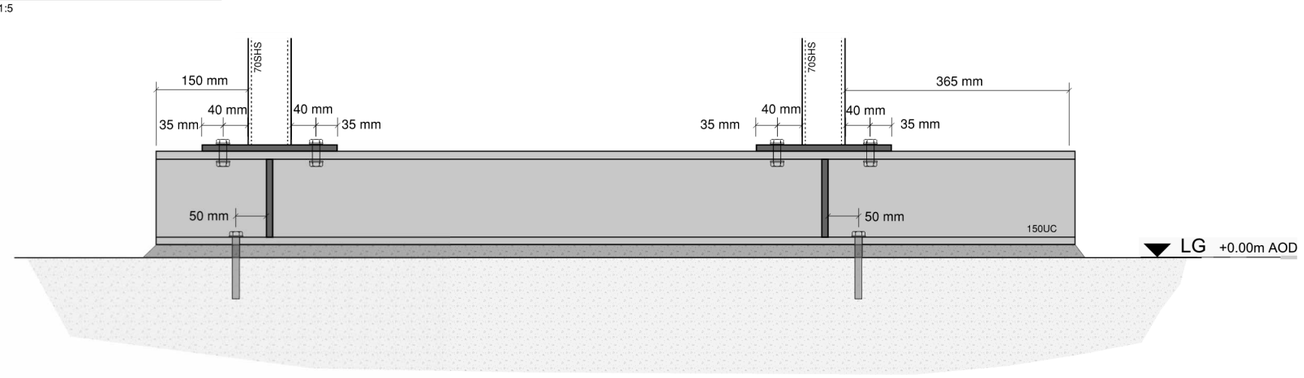
Detail 05: Crank detail

Scale 1:5



Detail 06: Column base/bearing beam detail

Scale 1:5



Detail 06A

Scale 1:5

Notes:

1. This drawing should be read in conjunction with other design documentation, work package scope of works, and all other supporting technical information.
2. All dimensions in millimetres, and all levels in metres unless noted otherwise.
3. Do not scale from this drawing.
4. Structure presented appropriate for planning and cost allowance purposes; structure not for construction.
5. Structural Steelwork shall be protected from corrosion through the application of a compliant steel surface treatment.
6. Structural Steelwork shall be protected to satisfy any required fire resistance levels. Refer to architectural drawings and specifications for details.
7. For aesthetic and compliance paint treatments including fire protection), refer to architectural drawings and specifications for details.
8. For balustrades, refer to architectural documentation, and tenant fitout design.
9. All products, such as anchors, shall be installed in accordance with the supplier's specifications and written recommendations.
10. Steelwork fabrication drgs to be based on architectural setout and geometric site survey measurements.
11. Structural steelwork to be:
* Open sections: Grade S355 to BS EN 1993 uno.
* Hollow sections: Grade S355 hot finished to BS EN 10210 uno.
Subgrades to BS 5950-1:2000.
12. Structural steelwork to be fabricated to execution class EXC2 to BS EN 1090.
13. Cementitious grout to be minimum compressive strength of 40MPa to BS EN 196-1:2006 uno.
14. Existing structure to be retained uno.
15. All welds to be 6mm (min) throat thickness fillet welds uno. Welding electrode strength to be E51 to BS 639 uno.
16. Grade 8.8 bolts shall be to BS EN 24014, BS EN 24017, or BS 3692.

Issue	Date	
P03	16/ 07/ 25	Issued for Information
P02	09/ 06/ 25	Issued for Information
P01	07/ 04/ 25	Issued for Information

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Client: MEPC

Project Title: Redfern Building, Manchester

Drawing Title: Feature stair Details Sheet 1 of 2

Scale at A1	Dsg/Drw/Chkd/Appd
As shown	KW/ SCB

Role: Structural

Status: Issued for Information

Arup Job No	Rev
283842-00	P03

ID: RED-ARP-ZZ-ZZ-DR-S-10003

10/05/2023 12:46:28

Do not scale

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