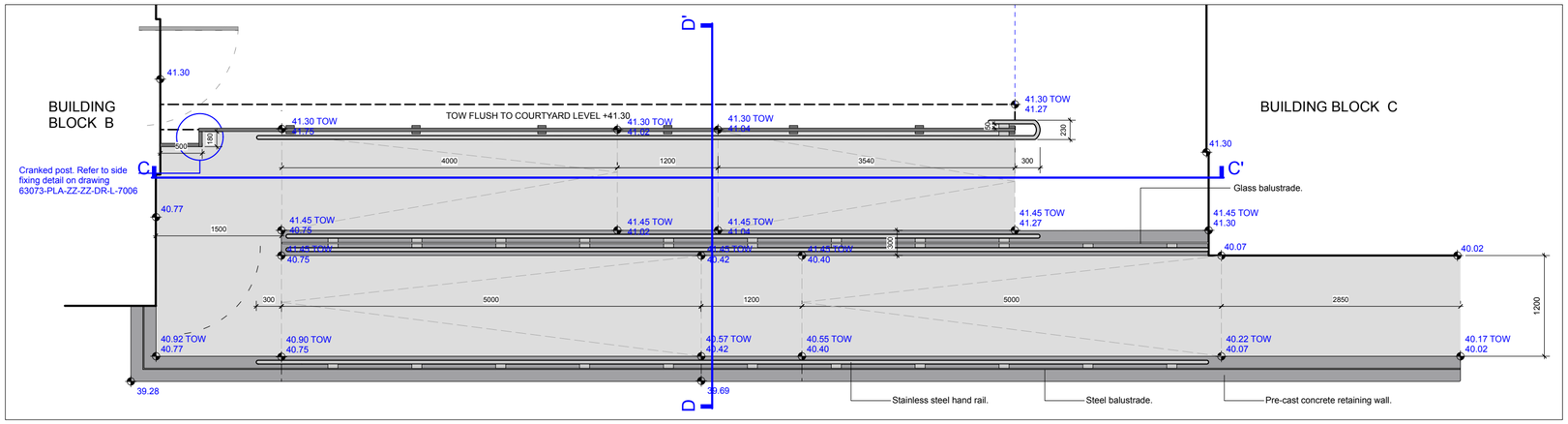
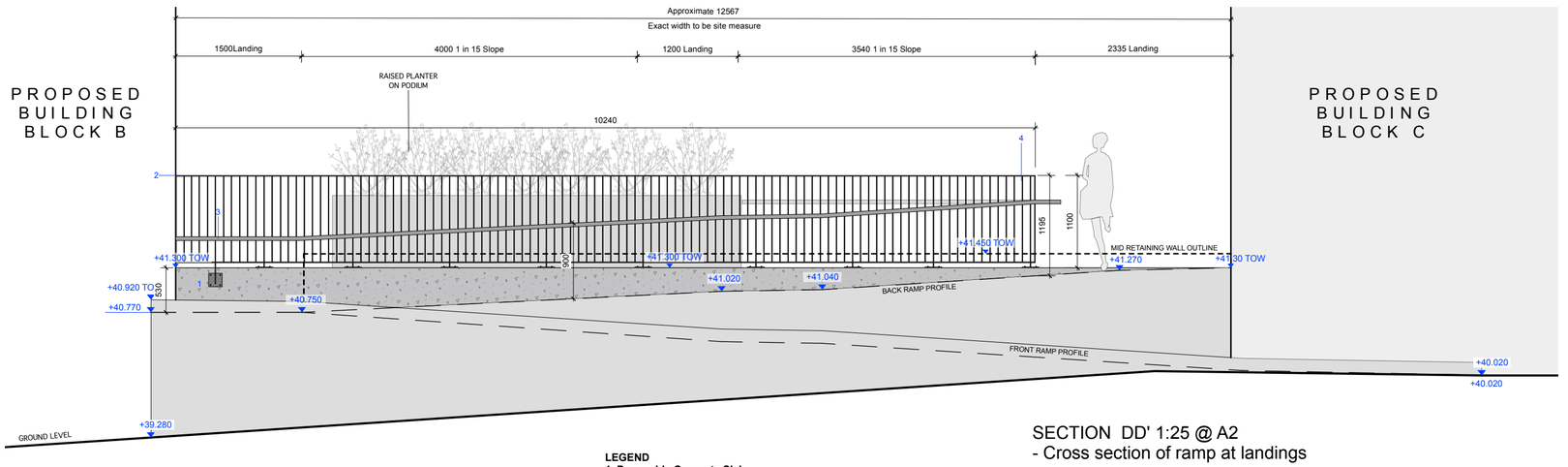
PLAN 1:50 @ A2 - Ramp Details



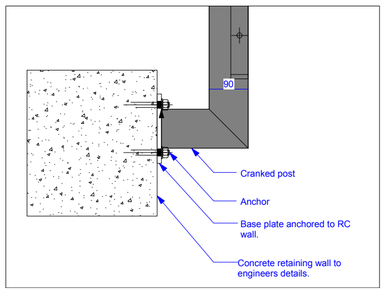
SECTION ELEVATION CC' 1:50 @ A2 - Back of ramp elevation



LEGEND
1. Pre-cast concrete retaining wall; to be painted with mansory paint, colour: RAL 7016 30% Gloss finish. Refer to specification clause E10/132. Structural informaiton to engineers details and specification.
2. Remini Steel Rainling by Lang and Fulton or equal and approved. To be base plated 910mm from top of concrete retaining wall. Railing to be painted with MIO metal paint. Colour: Natural grey. Railing pattern and gaps to align with retaining wall pattern. Refer to specification clause Q50/120.
3. Stainless steel handrails. Size: 45mm Ø. To be installed 900mm above ramp level. Refer to specification clause Q50/119.

FIXING DETAILS. 1:10 @ A2

Flatbar railing to be side fixed on concrete retaining wall with cranked posts.

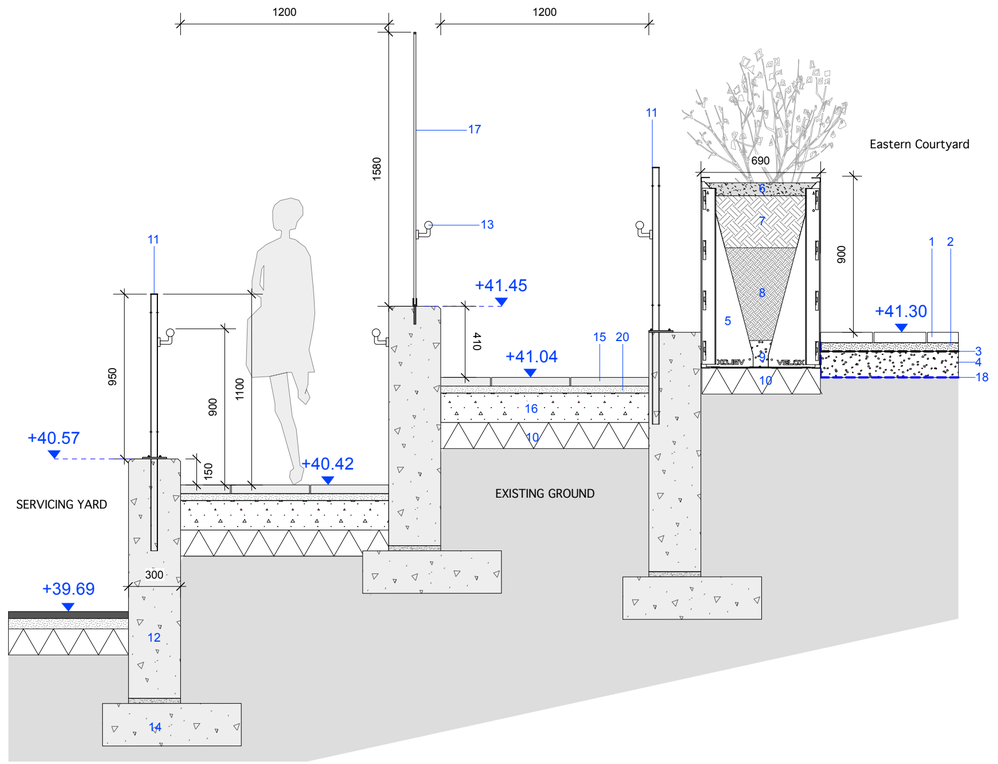


SIDE FIXING PRECEDENT IMAGE



LEGEND
1. Permeable Concrete Slab
Ecogranite permeable aquaslab by Hardscape or equal and approved. Size: 300 x 450 x 60mm; Finish: Bush hammered; Laid: Stack bond. Refer to specification clause Q25/125A for details.
2. Laying Course
- To engineer's details and specification
3. Permeable geotextile
- To engineer's details and specification
4. Hydraulically Bound Base
- To engineer's details and specification
5. Raised Metal Planter Edge
Staple Planter Edge with Velox System by Logic Ltd or equal and approved; Galvanised steel and powder coated finish; Colour: RAL 7016 with 30% gloss finish. Refer to specification clause Q50/122 for details. To sit 900 mm above FFL.
6. Bark Mulch
- Min. 75mm of high quality bark mulch and to sit 30mm below planter edge. Refer to specification clause Q31/156 for details.
7. Imported Top Soil
- Min. 400mm depth. Refer to specification section Q28 for details.
8. Imported Sub Soil
- Min. 450mm depth.
9. Pea Shingle Layer
- 150mm pea shingle layer to improve drainage, no fines.
10. MOT Type 1
- To engineers details and specification
11. Steel Balustrade
Refer to specification clause Q50/120.
Product: Remini Steel Railing or equal and approved
Supplier: Lang and Fulton or equal and approved
Finish: Dulux MIO metal paint
Colour: Natural Grey
Size: 950mm height above top of concrete upstand.
12. Concrete Retaining Wall
Refer to specification clause E10/132.
Supplier: Evans Concrete or equal and approved
Finish: Light polished
Colour: Painted RAL 7016 with 30% Gloss
Other: 15mm chamfered on edges; To engineers details and specification
13. Stainless Steel Handrail
- To be installed 900mm above ramp level. Refer to specification clause Q50/119.
14. Concrete Retaining Wall Foundation
- To engineers details and specification.
15. Perfecta Concrete Paving
Supplier: Marshall or equal and approved
Size: 450 x 450 x 50mm
Laid: Stretcher bond - Rigid Buildup
16. Concrete Sub-base
To engineers details and specification
17. Glass balustrade
Glass balustrade with aluminium cap rail; 1580mm height from top of concrete upstand
18. 150mm Course Aggregate
- To engineers details and specification
19.Lower Geotextile membrane
- To engineers details and specification
20. Bedding Mortar
- To engineers details and specification.

SECTION DD' 1:25 @ A2
- Cross section of ramp at landings



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NOTES:
1. Do not scale from this drawing.
2. Always work to noted dimensions.
3. All dimensions are in millimetres unless otherwise stated.
4. All setting out, levels and dimensions to be agreed on site.
5. The dimensions of all materials must be checked on site before being laid out.
6. This drawing must be read with the relevant specification clauses and detail drawings.
7. Order of construction and setting out to be agreed on site.

NOTES
- DESIGN INTENT ONLY
- Steel balustrade and glass balustrade Detailed design to be developed with fabricator. and specialists .
- Glass balustrade final fixing to be coordinated with engineers. Option to have aluminium chanel surface fixed onto retaining wall.

Revision	Date	Description	Drawn	Apprvd.
C02	26/02/26	Full Construction Issue	EK	RM
P07	26/01/26	Material spec update	HX	YH
P06	01/12/25	Stage 4 issue updates	BR	YH
P05	31/10/25	Stage 4 Issue	HX	RM
C01	02.05.24	Stage 4/5 issue	YH	RM

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Client	IQ Student Accommodation
Project	Chandos House, Manchester
Drg Title	Ramp Detail Sheet 2 of 2

Created on	Created by	Approved by
28.07.23	CB	RM

Scale	Size	Workstage
Various	A2	Stage 4

Drg No. 63073-PLA-ZZ-ZZ-DR-L-7007
Suitability S4 **Revision** C02

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