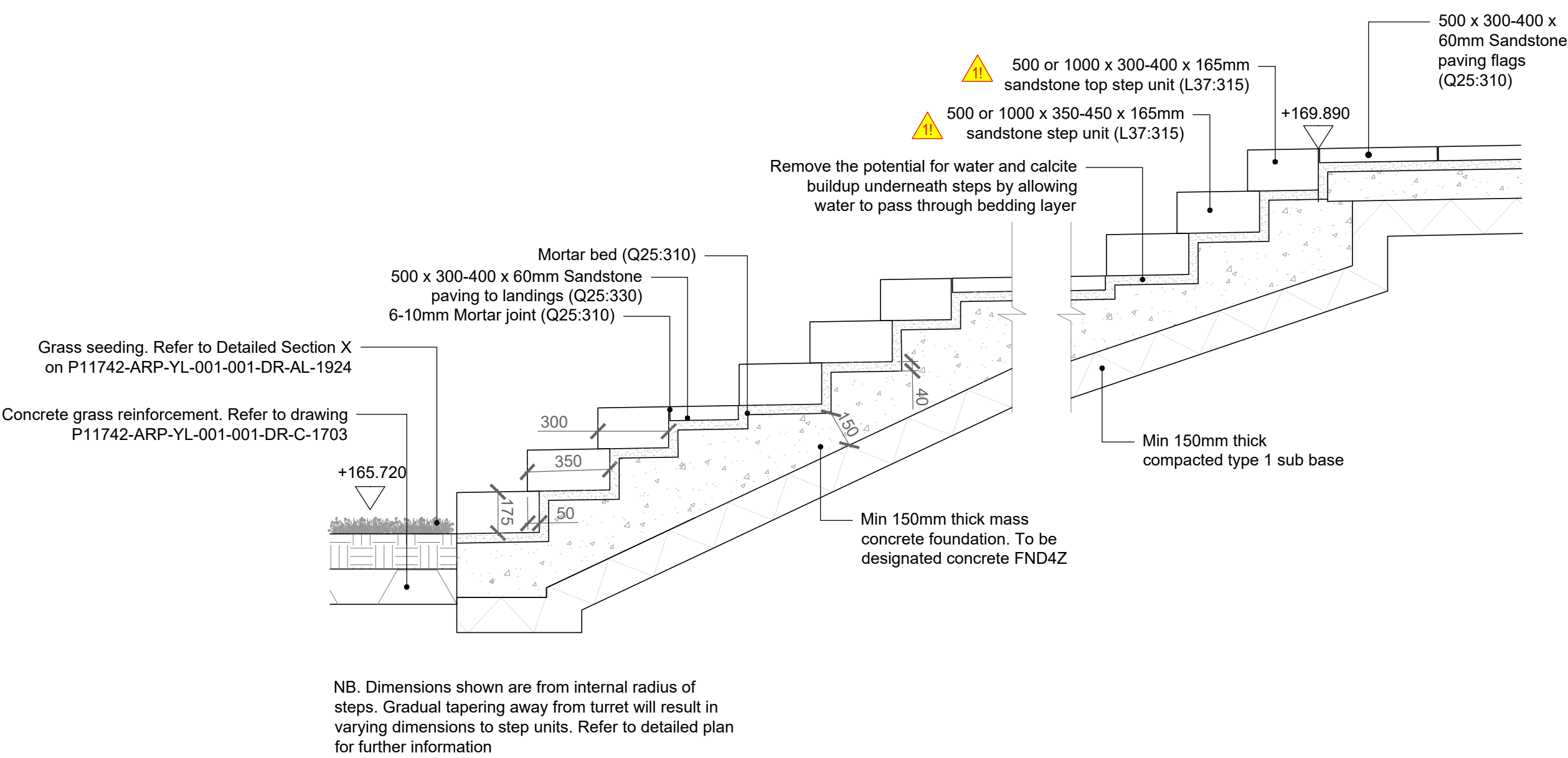
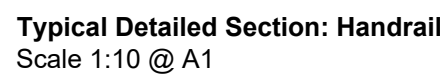
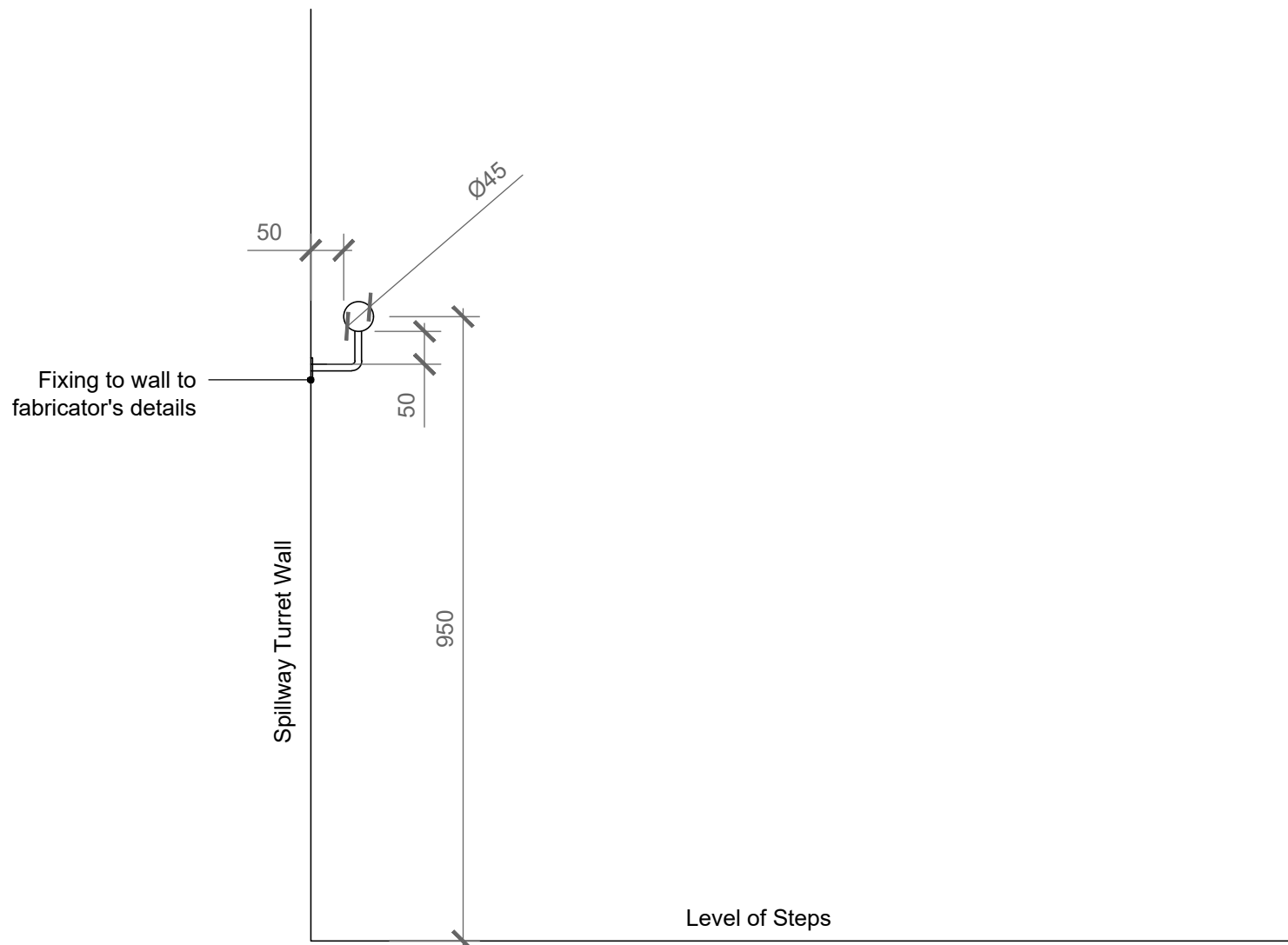
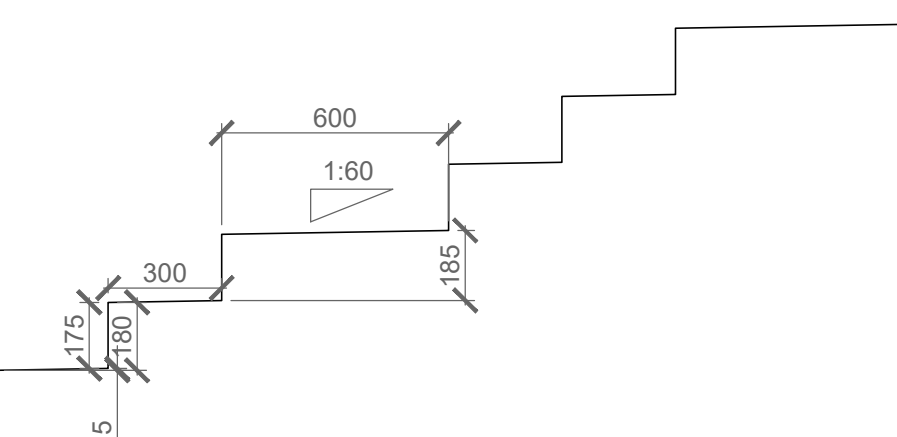
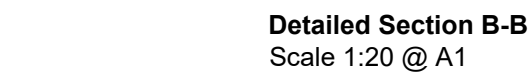
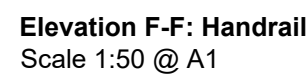
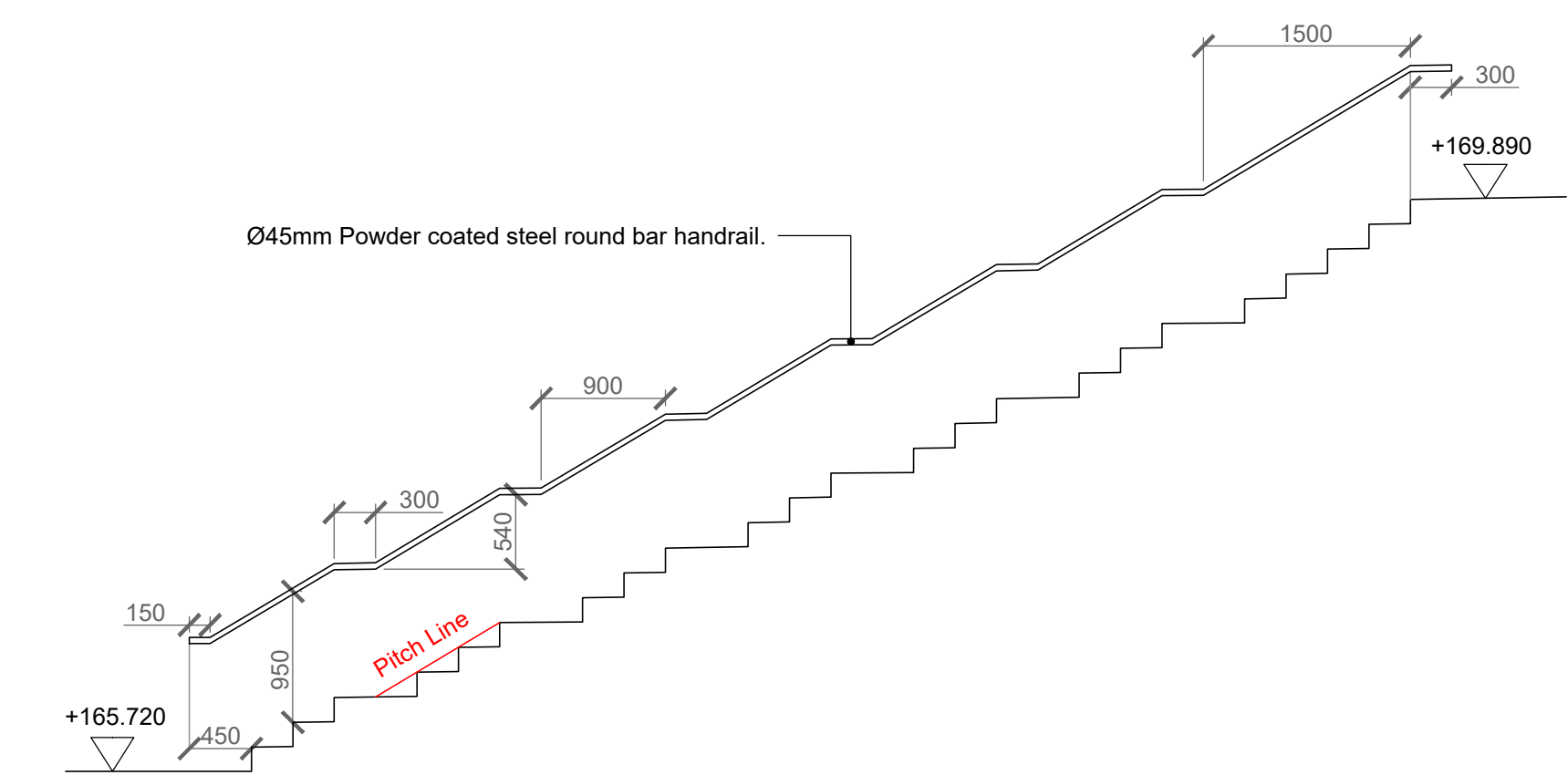
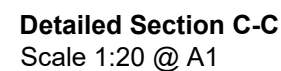
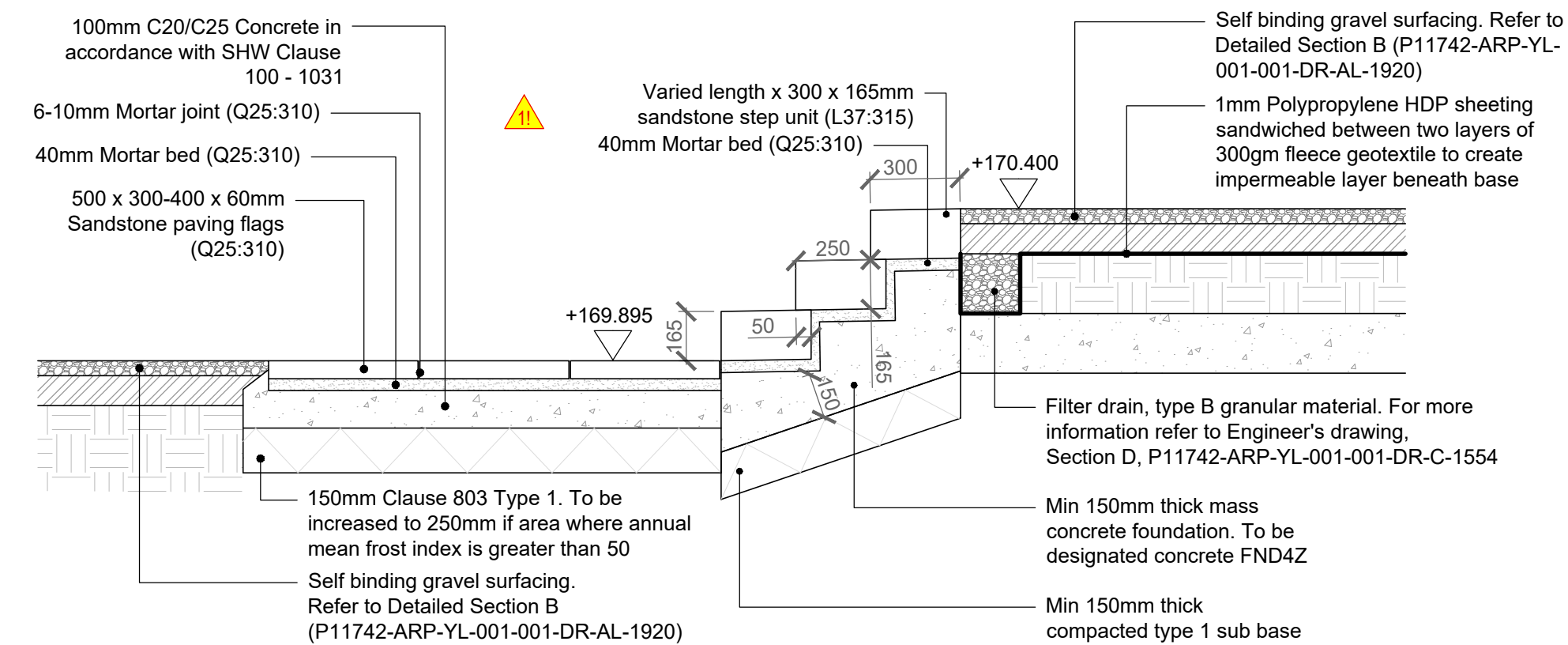
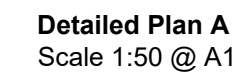
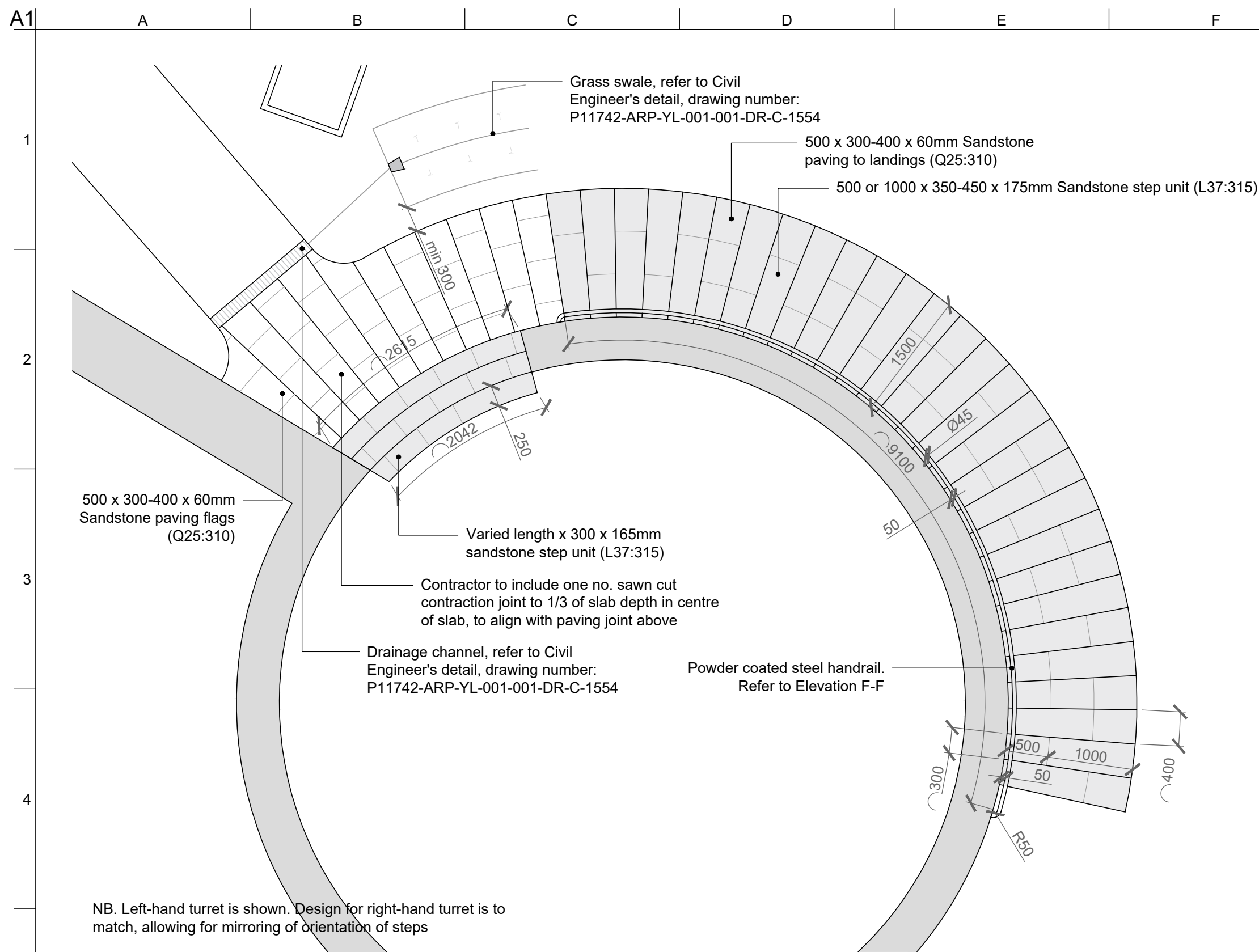




COMPLETION OF DESIGN OF HANDRAIL

Requirements: Complete the detailed design to satisfy specified performance criteria and coordinate with the detailed design of related and adjacent work. Site measure required to confirm fixings to spillway turrets.

Standard:

- To Building Regulations (Eng) Approved Documents K and M

Additional requirements:

- Arrangements for supervision, checking or tolerance.
- Reporting of discrepancies between the general arrangement drawings and the requirements of the standard.
- Co-ordinate with artwork to exterior of turrets with regard to finished appearance
- Undertake a final as built survey prior to final fabrication and installation

Fabrication drawings to be provided for approval in advance of fabrication to show, as a minimum:

- Fixings between units
- Anchorages to supporting structure
- Joint details
- Finished dimensions

Manufacturer: Contractor's choice
Design Loading: Able to withstand 0.5kN applied in any direction at any point along the top
Height: 950mm from pitch line to centre of handrail
Fixings: To be fixed to turret wall as required.
Top Rail (Handrail): 45mmØ powder coated steel hollow round bar handrail.
Colour/Finish: Polyester powder coated. RAL colour to be confirmed following detailed design of Sailing Club building (vertical and horizontal posts, handrail and connections). Grade 304 Stainless steel (strained wire).
Hot dip galvanized to BS EN ISO 1461

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING:

CONSTRUCTION

- 1. MANUAL HANDLING RISK OF STONE STEPS. ALLOW FOR ALTERNATIVE LIFTING METHODS

MAINTENANCE/CLEANING/OPERATION

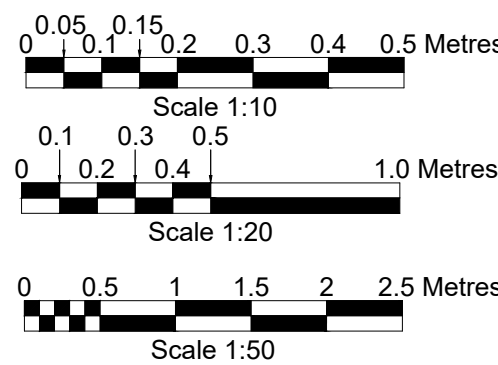
DECOMMISSIONING/DEMOLITION

- 1. MANUAL HANDLING RISK OF STONE STEPS. ALLOW FOR ALTERNATIVE LIFTING METHODS

REFER TO THE DESIGNER'S HAZARD RISK REGISTER FOR FURTHER DETAILS.
IT IS ASSUMED THAT ALL THE WORKS ON THIS DRAWING WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WHO HAS CARRIED OUT A COMPREHENSIVE RISK ASSESSMENT.

Notes

1. All dimensions are in millimetres unless noted otherwise.
2. No dimensions shall be obtained from scaling drawings.
3. All proprietary materials or systems shall be used strictly in accordance with the suppliers recommendations.
4. Where written dimensions are provided, these take precedence over any dimensions scaled from the drawing.
5. This drawing is illustrative of design intent only. All cladding and coping systems, and railings are subject to detailed design and production of shop drawings by fabricator following site measure.
6. Finish of all metalwork proposed is subject to confirmation of Sailing Club Building cladding.
7. This drawing is to be read in conjunction with all relevant drawings, including but not limited to:
 - Landscape Specification
(P11742-ARP-YL-001-001-SP-AL-0243)
 - Spillway Cladding Design Intent
(P11742-ARP-YL-001-001-DR-AL-1926)
 - Spillway Railing Design Intent
(P11742-ARP-YL-001-001-DR-AL-1927 to 1929)
 - Spillway Turret Steps Landscape Details
(P11742-ARP-YL-001-001-DR-AL-1930)
8. Any discrepancies and/or ambiguities between information on this drawing and information provided elsewhere should be reported immediately before proceeding
9. This drawing is intended to be viewed in colour
10. Paving build up for stone flag paving based on a CBR of 3%. Contractor responsible for confirming CBR prior to proceeding.



Updated notes for HPBC acceptance				
C02	14/10/22	LC	GD	ZT
Updated in response to CRT comments				
C01	13/05/22	SS	GD	ZT
Stage 4 Issue				
P1	08/04/22	SS	GD	ZT
Rev	Date	By	Chkd	Appd

ARUP

Admiral House, Rose Wharf,
78 East Street, Leeds, LS9 8EE
Tel +44(0)113 242 8498 Fax +44(0)113 242 8573
www.arup.com

Client



Project Title
Toddbrook Reservoir

Drawing Title

Spillway Turret Steps
Landscape Details

Scale at A1 As shown

Role	Landscape - Design
------	--------------------

Suitability **A4 - AUTHORISED AND ACCEPTED**

Arup Job No
277087-00

Name _____

P11742-ARP-YL-001-001-DR-AL-1930

© Arup