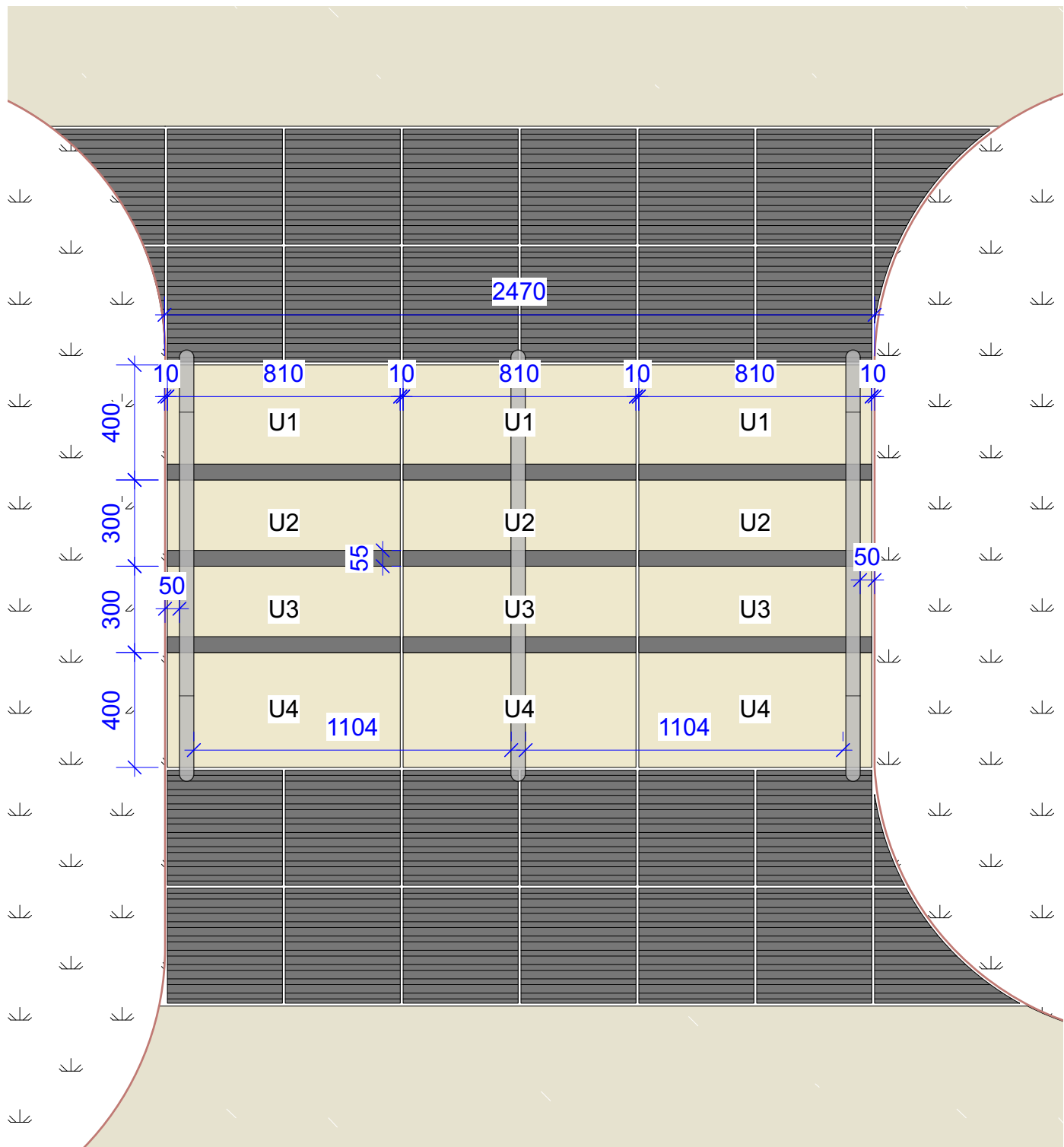
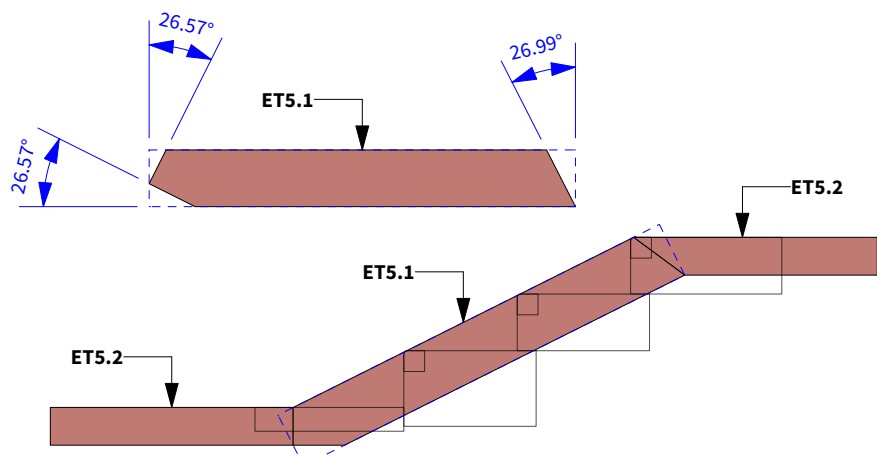
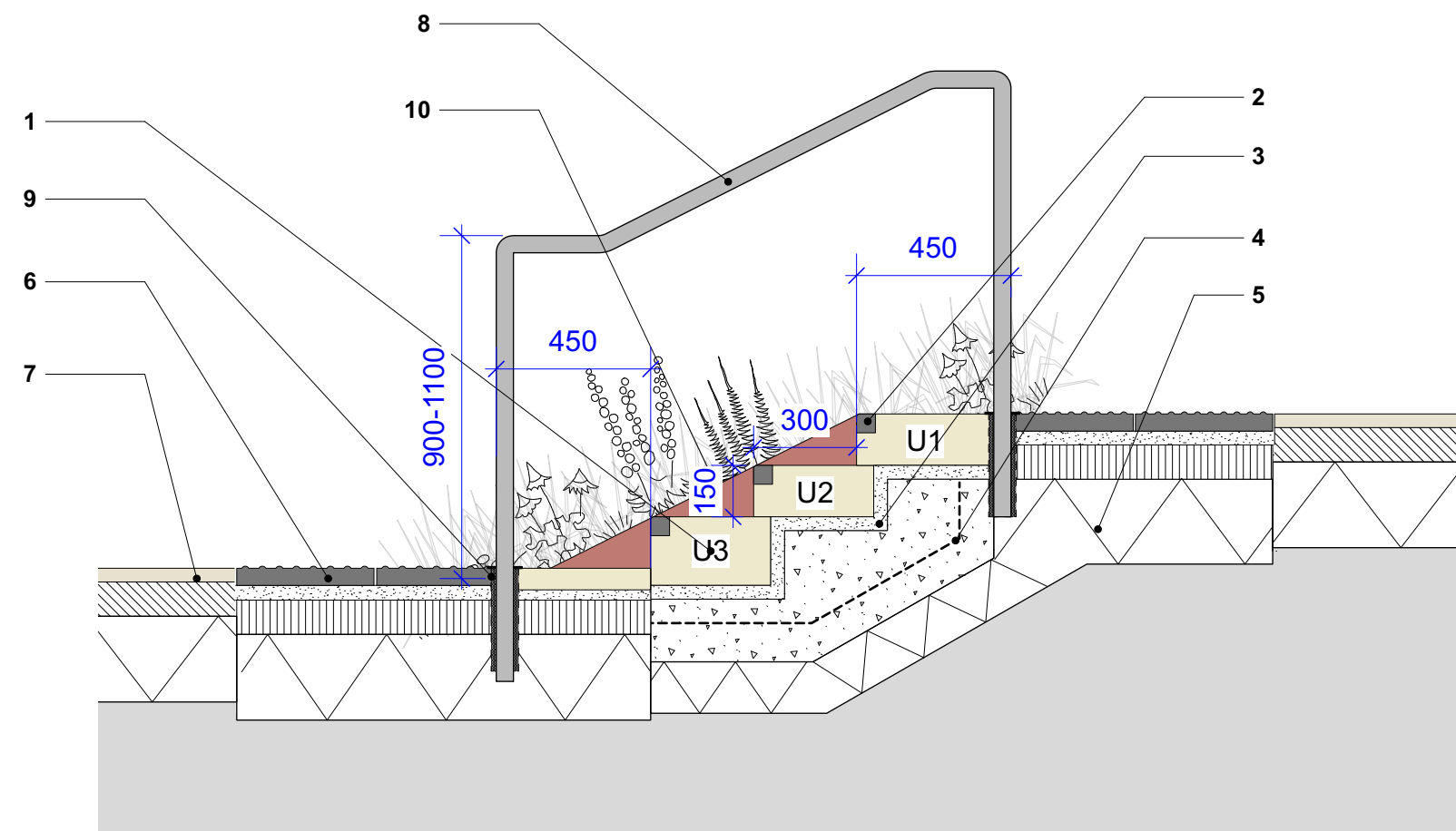




**STEEL EDGE PROFILE NEXT TO STEPS**  
ETS.1 - 150mm high steel edge to be used along step profile as shown. Section to be cut as shown so that rolled top edge appears continuous.



1 **Stone Step Detail - S1**  
Scale: 1:20

**1 - Yorkstone Steps**

Material: Scoutmoor or similar and approved.  
Finish: Fine picked to exposed sides.  
All other sides to be sawn.  
Laying method: 10mm mortar jointed.  
**Sizes**  
U1: 400mmW x 150mmH x 810mmL.  
U2: 350mmW x 150mmH x 810mmL.  
U3: 350mmW x 200mmH x 810mmL.  
U4: 400mmW x 50mmD x 810mmL.  
Allow nominal 1:100 fall over tread of steps to avoid ponding.  
Supplier: Marshalls or equal approved.

**2 - Contrast Step Nosing**

Material: Granite  
Colour: Crystal Black.  
Finish: Sandblasted.  
Size: 55x55mm with 10mm bullnose.

**3 - Bedding Mortar**  
To engineer's specification.

**4 - Concrete Haunch**  
To engineer's specification

**5 - Sub-base**  
Material: MoT Type 1  
To engineer's specification.

**6 - PCC Corduroy Hazard Warning Flags**  
Refer to drawing 45306-PLA-XX-EX-DR-L-5000.

**7 - Coloured Permeable Asphalt Surfacing**  
Refer to drawing 45306-PLA-XX-EX-DR-L-5000.

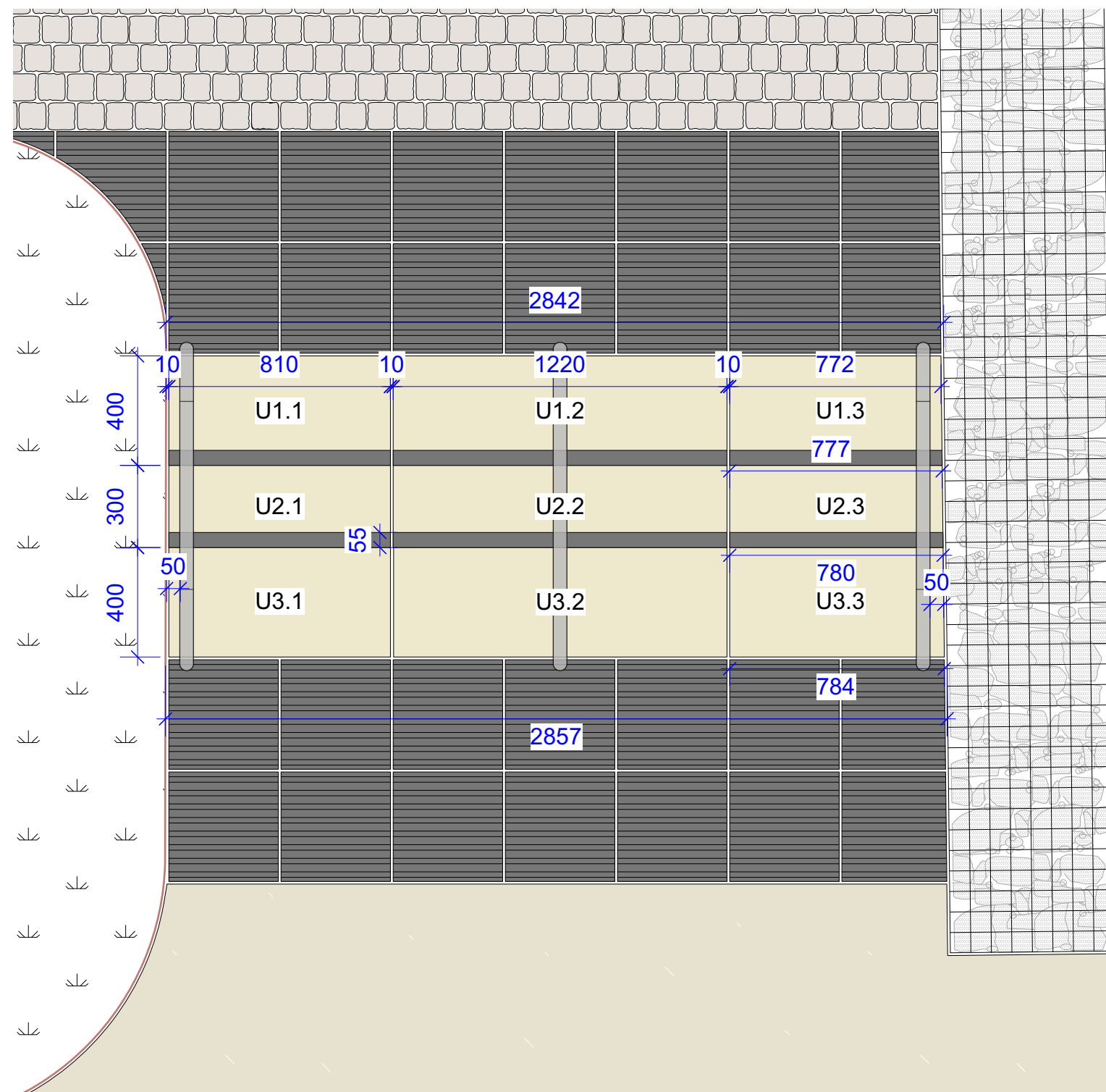
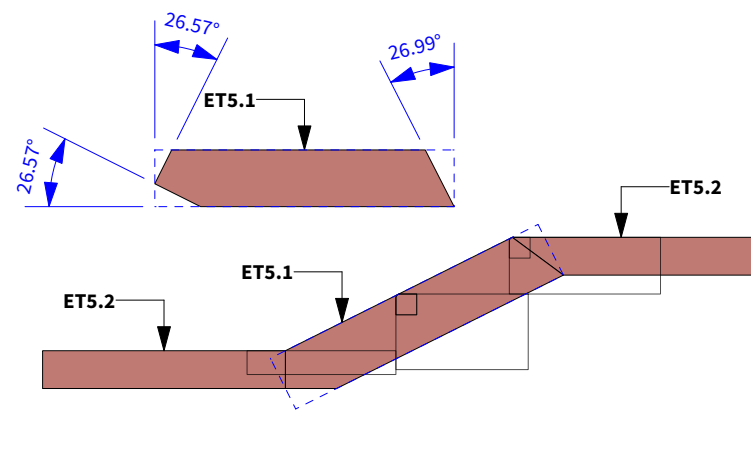
**8 - Freestanding Stainless Steel Handrail**

Material: Grade 316 stainless steel.  
Finish: Brushed satin.  
Size: 50mm dia. circular profile.  
Continuous, seamlessly welded stainless steel circular section handrail and posts.  
Fixing: Core drilled and fixed to engineer / supplier's specification.  
Structural performance requirements: Loading shall withstand a minimum loading of 0.74 kN/m at 1100mm from pitch line or floor. To structural engineer's specification.  
Handrail design must comply with Part M and DFA2 guidance.

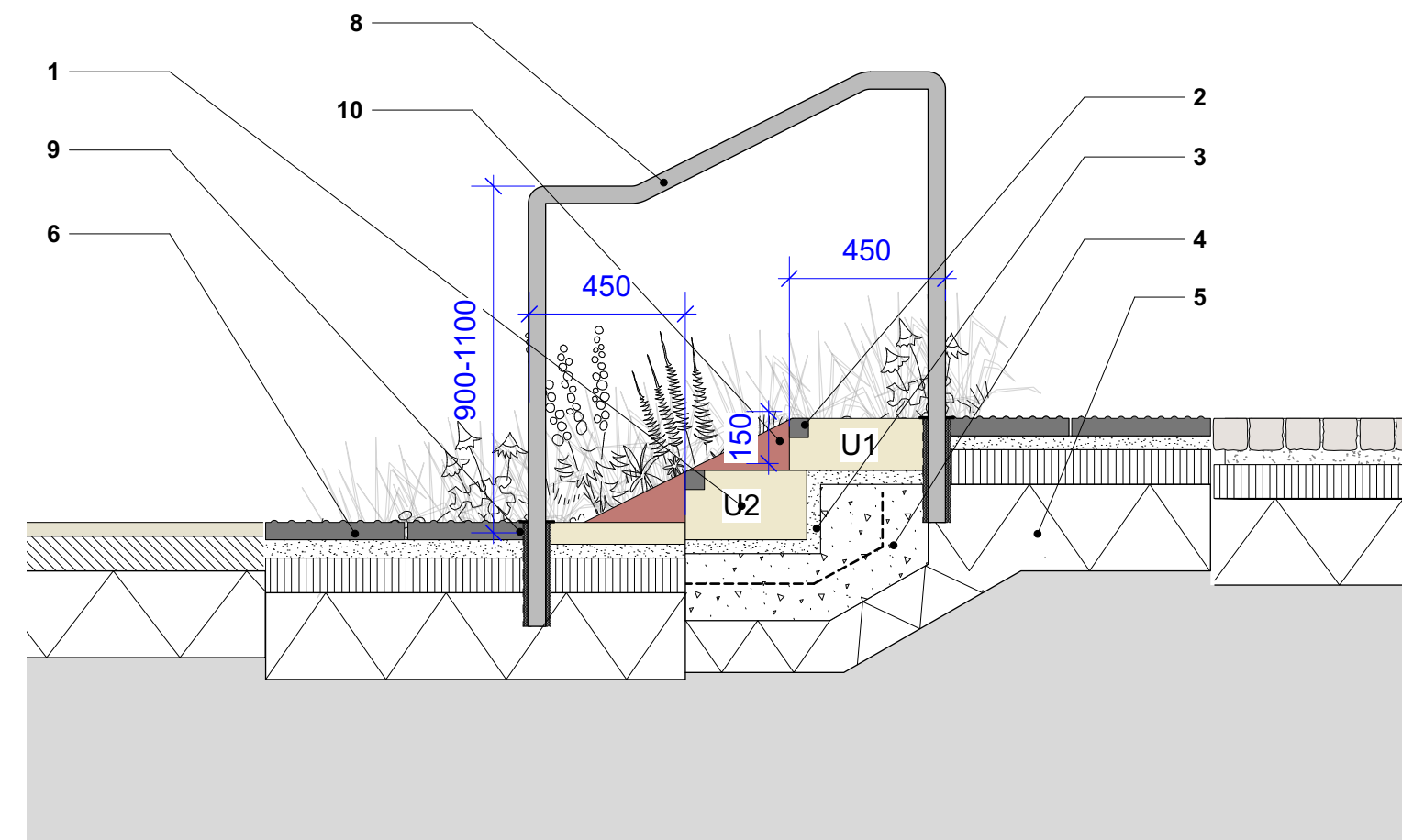
**9 - Handrail Flange**

Circular flange, grade 316 stainless steel, brushed satin finish to match handrails.  
Size: 100mm dia. x 4mm thick.  
Fixing: Adhesively fixed to engineer's specification.  
Tactile paving to be cut to allow flange to sit level where appropriate.

**10 - Steel Edging to Planter**  
Refer to drawing 45306-PLA-XX-EX-DR-L-5001.



**STEEL EDGE PROFILE NEXT TO STEPS**  
ETS.1 - 150mm high steel edge to be used along step profile as shown. Section to be cut as shown so that rolled top edge appears continuous.



2 **Stone Step Detail - S2**  
Scale: 1:20

**1 - Yorkstone Steps**

Material: Scoutmoor or similar and approved.  
Finish: Fine picked to exposed sides.  
All other sides to be sawn.  
Laying method: 10mm mortar jointed.  
**Sizes**  
U1.1: 400mmW x 150mmH x 810mmL.  
U1.2: 400mmW x 150mmH x 1220mmL.  
U1.3: 400mmW x 150mmH x 772/777mmL.  
U2.1: 350mmW x 200mmH x 810mmL.  
U2.2: 350mmW x 200mmH x 1220mmL.  
U2.3: 350mmW x 200mmH x 777/780mmL.  
U3.1: 350mmW x 50mmH x 810mmL.  
U3.2: 350mmW x 50mmH x 1220mmL.  
U3.3: 350mmW x 50mmH x 780/784mmL.  
Allow nominal 1:100 fall over tread of steps to avoid ponding.  
Supplier: Marshalls or equal approved.

**2 - Contrast Step Nosing**

Material: Granite  
Colour: Crystal Black.  
Finish: Sandblasted.  
Size: 55x55mm with 10mm bullnose.

**3 - Bedding Mortar**  
To engineer's specification.

**4 - Concrete Haunch**  
To engineer's specification

**5 - Sub-base**

Material: MoT Type 1  
To engineer's specification.

**6 - PCC Corduroy Hazard Warning Flags**  
Refer to drawing 45306-PLA-XX-EX-DR-L-5000.

**8 - Freestanding Stainless Steel Handrail**

Material: Grade 316 stainless steel.  
Finish: Brushed satin.  
Size: 50mm dia. circular profile.  
Continuous, seamlessly welded stainless steel circular section handrail and posts.  
Fixing: Core drilled and fixed to engineer / supplier's specification.  
Structural performance requirements: Loading shall withstand a minimum loading of 0.74 kN/m at 1100mm from pitch line or floor. To structural engineer's specification.  
Handrail design must comply with Part M and DFA2 guidance.

**9 - Handrail Flange**

Circular flange, grade 316 stainless steel, brushed satin finish to match handrails.  
Size: 100mm dia. x 4mm thick.  
Fixing: Adhesively fixed to engineer's specification.  
Tactile paving to be cut to allow flange to sit level where appropriate.

**10 - Steel Edging to Planter**  
Refer to drawing 45306-PLA-XX-EX-DR-L-5001.

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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.

REFER TO NBS SECTION L37.

|        |          |                                                        |    |    |
|--------|----------|--------------------------------------------------------|----|----|
| S4-P06 | 25-07-24 | Planning conditions discharge                          | TF | AM |
| S4-C01 | 10/04/24 | Construction                                           | TF | AM |
| D2-P05 | 24-03-23 | Tender                                                 | TF | AM |
| S4-P04 | 07/12/22 | Stage 3 update                                         | TF | AM |
| S4-P03 | 24/11/22 | Stage 3                                                | TF | AM |
| S4-P02 | 16/03/21 | Updated Public realm after change to building location | CS | KR |
| S4-P01 | 26/02/21 | First Issue                                            | CS | KR |

| Revision | Date | Description | Drawn | Apprvd. |
|----------|------|-------------|-------|---------|
|----------|------|-------------|-------|---------|



**Planit I.E. Limited**  
E: info@planit-ie.com W: planit-ie.com  
**MANCHESTER**  
2 Back Grafton St, Altrincham, WA14 1DY  
T: 0161 928 9281  
**LONDON**  
Unit 6 Waterside, 44-48 Wharf Road, London, N1 7UX  
T: 0207 253 5678  
**LIVERPOOL**  
Tempest 5.3, 12 Titebarn Street, Liverpool, L2 2DT  
T: 0151 363 1230

Client Manchester Life

Project Ancoats Mobility Hub

Drg Title Steps and Structures Details

|            |            |             |
|------------|------------|-------------|
| Created on | Created by | Approved by |
| 15/12/2020 | CS         | KR          |

|       |      |           |
|-------|------|-----------|
| Scale | Size | Workstage |
| 1:20  | A1   | Stage 5   |

|                           |             |          |
|---------------------------|-------------|----------|
| Drp No.                   | Suitability | Revision |
| 45306-PLA-XX-EX-DR-L-5004 | S4          | P06      |