

P13 Tactile paving to uncontrolled crossings:

Material: Granite.  
Colour: Black or to contrast with adjacent surfaces  
Pattern: Blister surface pattern as appropriate, to manufacturer's guidance.

P14 Corduroy tactile paving to cycle lanes:

Material: Granite.  
Colour: Black or to contrast with adjacent surfaces  
Pattern: Hazard/corduroy surface pattern as appropriate, to manufacturer's guidance.

P15 Corduroy Tactile Paving to Steps

Material: Granite.  
Pattern: Guidance surface pattern as appropriate, to manufacturer's guidance.  
Colour: Black or to contrast with adjacent surfaces

P16 Tactile Guidance Paving to Pedestrian Areas

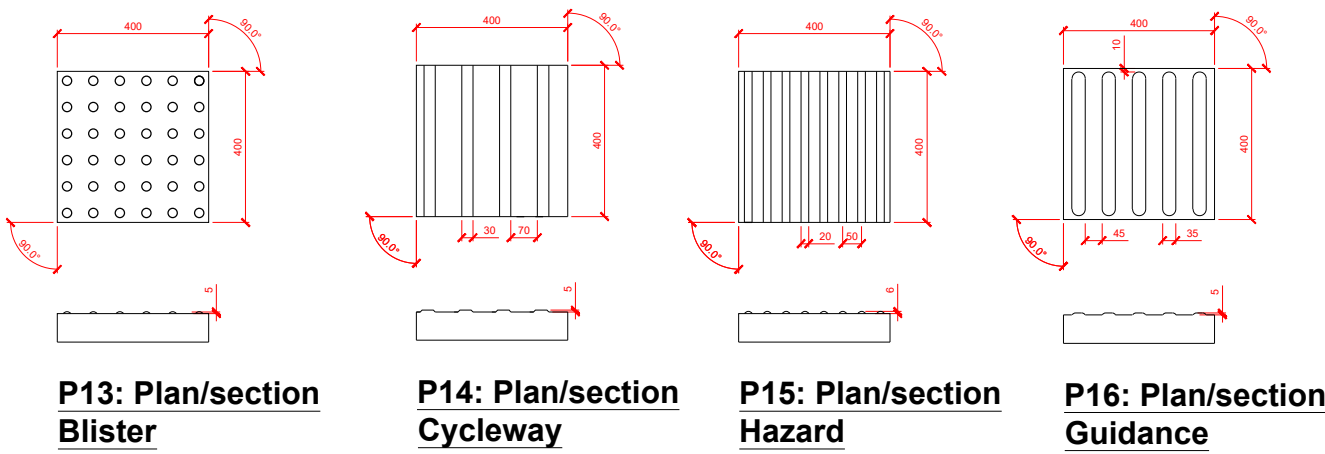
Material: Granite  
Pattern: Cycleway surface pattern as appropriate, to manufacturer's guidance.  
Colour: Black or to contrast with adjacent surfaces

Unit Size: 400mm wide x 400mm length.  
Joints: 5mm.  
Thickness: 75mm (to be confirmed by engineer).  
Build up: Refer to engineer's specification and details.

Laying Notes:

- To be set out in accordance with BS EN 1338: 2003
- No service covers or drainage gulleys to be located within areas of tactile.

NB. To be read in conjunction with General Paving Notes.



P13-16 General Tactile paving

Scale: 1 : 20

Description:

- Stainless steel flat bar handrail with associated stainless steel uprights

Material:

- 316 stainless steel

Colour:

- Natural

Finish:

- Satin finish to all exposed surfaces

Height:

- 990mm to top of handrail

Loading:

- Loading provide horizontal uniformly distributed line load of 3kN/m and be in accordance with BS 6399-1 and BS 6180. To contractor's design.

Sizes:

- Uprights : Notionally 85mm x 16mm flat bar posts set plumb. Centres no greater than 1.2m.
- Handrail: Notionally 85mm wide x 16mm thick Stainless steel flat bar welded to uprights
- Uprights to be corecut through paving/step units (Refer to engineers details for further information)
- Note: sizes to be confirmed by contractor

Build up and foundation:

- To engineer's detail and specification

Typical Section

NOTE: SHOP DRAWINGS FOR ALL METALWORK MUST BE SUBMITTED TO LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO PLACING ORDER.

F12 Stainless Steel handrail to S1 & S2 steps

Scale: 1 : 20

Description:

- Natural stone solid step units

Material:

- Precast concrete with natural aggregate finish

Colour:

- Mid Grey

Unit Size:

- Notionally Length 1000mm, Riser 140mm, tread 400mm

Joints:

- 2mm void between adjacent step units.
- 5mm joints between each rise.

Front edge:

- 10mm pencil edge

Visibility strips:

- 55mm Charcoal grey visibility strips on tread and riser to contrast with adjacent riser material.

Laying:

- Steps to be laid in lengths between 472mm - 1000mm refer to the typical laying plan below. Overlap between units in adjacent rises to be min. 150mm.
- Overlap of units along vertical step run 100mm

Build up and foundation:

- To engineer's detail and specification

Sample:

- Laying as part of a 5m x 5m sample to be approved prior to laying permanent areas.

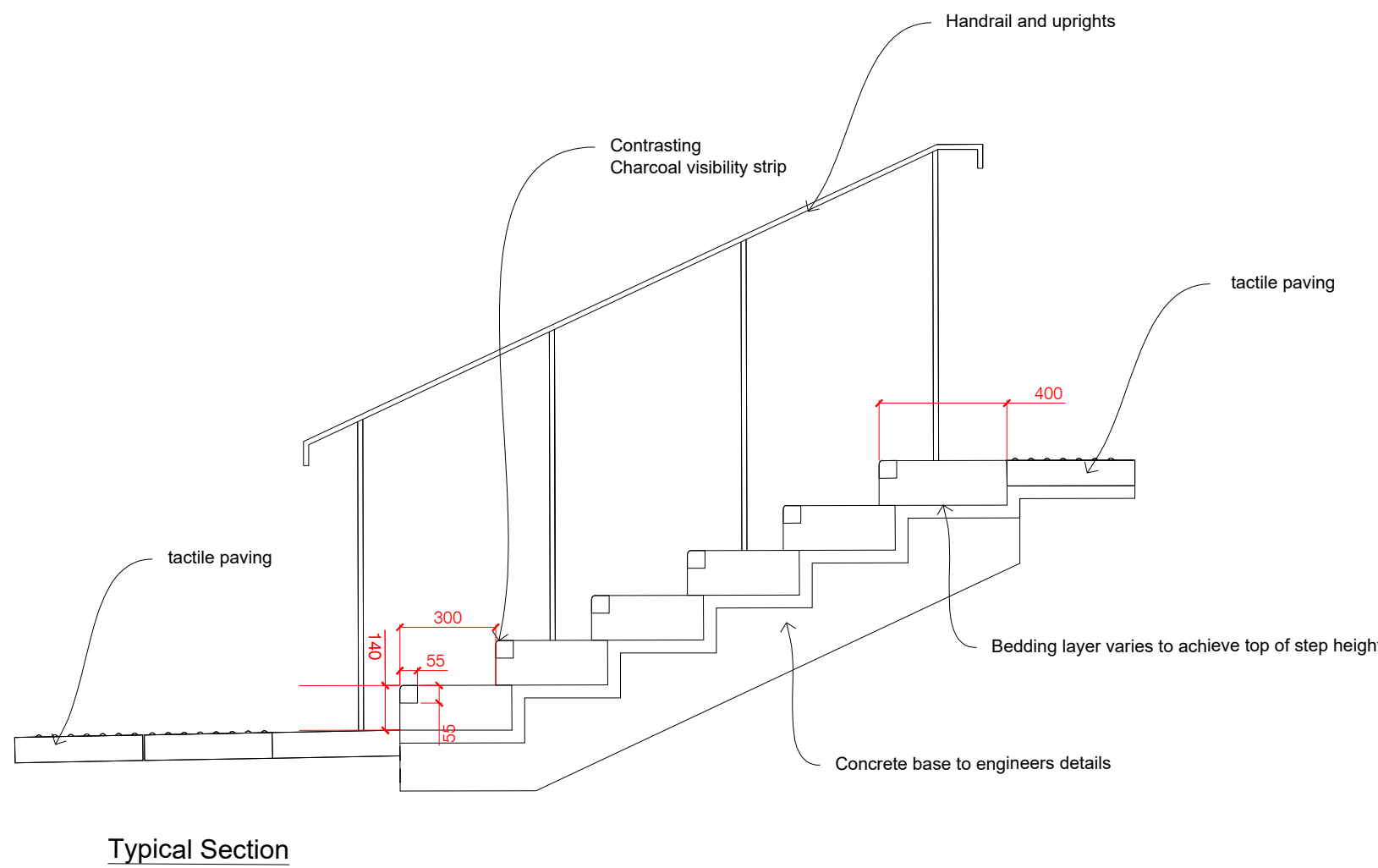
Utility covers:

- No utility covers to foul step runs.

Note

Flexible Joints

- Flexible joints with compressible filler board and flexible joint sealant are to used where the Steps interfaces with the following;
- Surface material interfaces.
- Interfaces with W1 Seating wall



S1 & S2 Step Units

Scale: 1 : 20

Supplier:

Hartecast or equal approved  
City View House,  
Manchester  
W12 4JD

Model:

HC2055 Litter bin with  
Stubber Plate and Ash  
Hopper

Finish:

Cast Iron, painted grey.

Fixing:

Base attached to ground by anchoring bolts. Refer to manufacturers detail more information.



F6 Bin (To match Dublin Street South)

Scale: 1:20

NOTES

- This drawing is to be read in conjunction with all other drawings and specifications.
- Do not scale off this drawing. Written dimensions to be taken only.
- Any discrepancies found between this drawing and other drawings and specifications in the construction documents must be referred to the Landscape Architect prior to work commencing.
- This drawing must not be copied in whole or in part without prior written consent of Optimised Environments Ltd.
- Survey information is based upon aspect surveyors Topographical as Survey.

KEY PLAN

Issue	Revision	Initial	Date
02	Issued for planning	nt	29.01.25
01	Issued for planning	nt	29.11.24
-	First Issue - Issued for information	nt	09.08.24

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Client  
**Monaghan County Council**

Project  
**Dublin Street North**  
**Monaghan**

Drawing Title  
**DETAILS**  
**STEPS AND SURFACING**

Scale Bar  
0.2m 0.4m 0.6m 0.8m 1.0m

Scale: 1:20@A1 Date: AUGUST 2024

By: bs Status: PLANNING

Checked: nt Approved: bp

Drawing Number  
**DBL-OPE-ZZ-XX-DR-L-902102** Rev  
**02**

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