

DESIGN INTENT ONLY

Foundations to engineers specification.

subject to approval of manufactureres drawings, all measurements to be checked on site prior to ordering and fabrication.

1. GRANITE PAVING - Type P1b
Dimensions: 150mm x 450mm x 75mm depth (TBC by engineer)
Refer to Drawing LSQ-PLA-XX-XX-DR-L-5000
Refer to drawing LSQ-PLA-XX-XX-DR-L-5000 for further details

2. GRANITE FLAG PAVING - Type P8
Size P8A - 400mm x 400mm x 50mm depth (TBC by engineer)
Size P8B - Special units as shown
Bond: Stack bond
Finish: Flamed
Refer to drawing LSQ-PLA-XX-XX-DR-L-5005 for further details

3. TACTILE CORDUROY PAVING - To top & bottom of steps.
Dimensions - 400mm x 400mm x 50mm depth (TBC by engineer)
Bond: Stack bond
Material: Granite
Colour: Crystal Black
Supplier: Hardscape
Finish: Sawn sides and bottom with sandblasted top with curdoroy profiles.
Fully rigid on concrete slab, reinforced haunching, proprietary mortar system for bedding, joining and primer.
To specification clause Q25/114

4. NATURAL STONE STEP UNITS - STEP 1
with contrasting thread and nosing
4A - (top step) - 776.4mm length x 400mm x 150mm depth (TBC by engineer)
4B - (top step) - 776.4/816mm length x 400mm x 150mm depth (TBC by engineer)
4C - (bottom step) - 776.4mm length x 400mm x 200mm depth (TBC by engineer)
4D - (bottom step) - 916/1055.8mm length x 400mm x 200mm depth (TBC by engineer)
Material: Granite
Colour: Emerald Green
Supplier: Hardscape
Finish: Picked on rising & going
Contrasting step nosing:
Black Granite 55 x 55mm x 750-800 strips with pencil round bullnose to exposed edge, fine picked finish, bonded to the top front edge of granite step by the stone supplier.
To specification clause L37/314B

5. NATURAL STONE STEP UNITS - STEP 2
with contrasting thread and nosing
4C - (single step) - 836.5mm length x 400mm x 200mm depth (TBC by engineer)
Material: Granite
Colour: Emerald Green
Supplier: Hardscape
Finish: Picked on rising & going
Contrasting step nosing:
Black Granite 55 x 55mm x 750-800 strips with pencil round bullnose to exposed edge, fine picked finish, bonded to the top front edge of granite step by the stone supplier.
To specification clause L37/314B

6. NATURAL STONE STEP UNITS - STEP 3
with contrasting thread and nosing
4D - (single step) - 844.5mm length x 400mm x 220mm depth (TBC by engineer)
Material: Granite
Colour: Emerald Green
Supplier: Hardscape
Finish: Picked on rising & going
Contrasting step nosing:
Black Granite 55 x 55mm x 750-800 strips with pencil round bullnose to exposed edge, fine picked finish, bonded to the top front edge of granite step by the stone supplier.
To specification clause L37/314B

5. Bedding mortar, 30mm thick, subject to engineers detail. To specification clause F21 115B

6. Concrete foundation, subject to engineers detail.

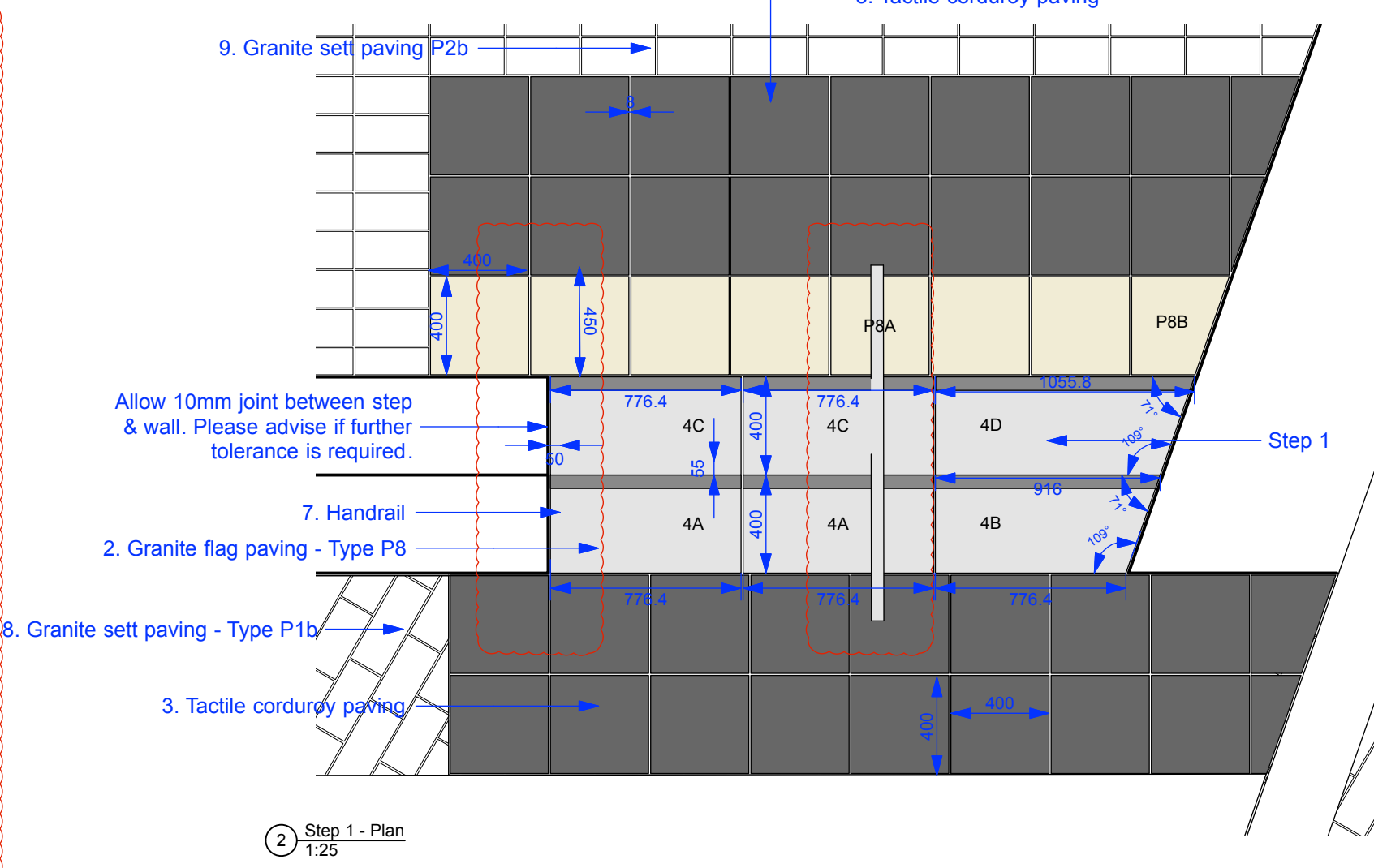
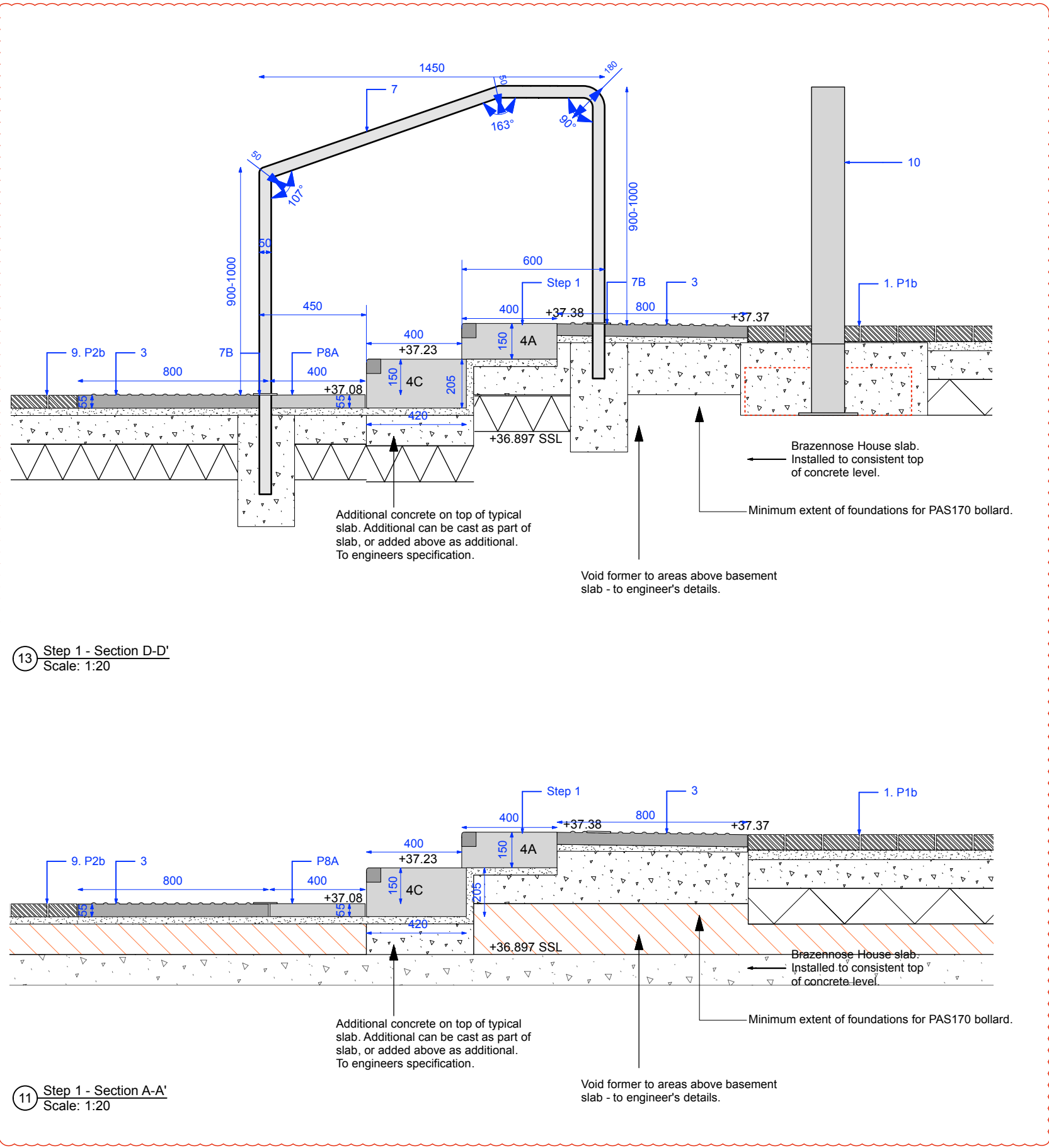
7. STAINLESS STEEL HANDRAIL - Side Rails
50mm diameter continuous, rolled profile, grade 316, satin brushed finish.
Post length approx.1300mm height with approx. 300mm underground - core drilled through tactile paving.
Overall height of handrail above ground 900-1000mm, and vertical top of the upper handrail to be 900mm above pitch line. to comply with Part M and DFA2 Regulations.
Clearance of 50mm from handrail and any adjacent wall surfaces.
To extent 600mm minimum from the top and 450mm from bottom step nosing as shown.

7B - Handrail Flange - Stainless steel, grade 316, satin brushed finish, footplate collar around post to conceal drillholes, bonded to the ground - 80mm diameter disc, 4mm thick.
All fixings to be stainless steel, countersunk and tamper proof.
Manufacturers shop drawings required for Landscape Architects approval
To specification clause L37/150K.
Haunching to engineers detail.

8. GRANITE SETT PAVING - Type P2a
Dimensions: 150mm x 450mm x 75mm depth (TBC by engineer)
Refer to drawing LSQ-PLA-XX-XX-DR-L-5000 for further details

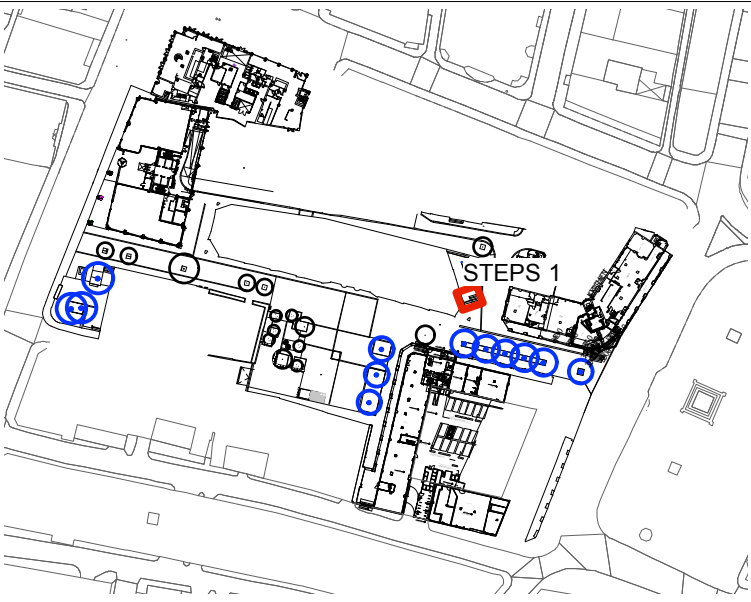
9. GRANITE SETT PAVING - Type P2b
Dimensions: 150mm x 300mm x 55mm tbc by engineer
Bond: laid stack bond
Refer to drawing LSQ-PLA-XX-XX-DR-L-5000 for further details

10. PROPOSED BOLLARD
Marshalls Rhinoguard Shallow mount bollard
(Crash tested in accordance with BSI PAS 68 standard.)
Dimensions: height above ground 1100mm
Fixing: as per manufacturers
Refer to drawing LSQ-PLA-XX-XX-DR-L-4001 for further details



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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.



Location Plan

S4-P15	29-04-21	planning issue		AM	AM
D4-C05	19-03-21	1. 1no. handrail omitted, 1no. handrail moved and fixing detail changed to below ground fixing.		AM	AM
D4-C04	27-11-20	1. handrail in plan adjusted to match section layout.	HT	AM	
D4-C03	12-11-20	1. Details of handrail added to drawing and key	SR	AM	
D4-C02	05-11-20	Stage 5		SR	AM
D4-C01	03-11-20	Stage 5		SR	AM
D2-P14	07-08-20	Stage 4		AM	AM
D2-P13	01-11-19	Stage 4		AM	AM
S1-P12	24-10-19	paving depth update		AM	AM
S1-P11	22-10-19	Handrails updated		SAB	AM
S1-P10	18-09-19	Stage 4		AM	AM
D2-P09	12-09-19	Stage 4		SAB	AM
D2-P08	07-03-19	Brazennose House Steps removed		SAB	AM
D2-P07	05-12-18	Handrails updated to stainless steel		SAB	AM
D2-P06	01-10-18	Stage 3		SAB	AM
D2-P05	01-10-18	Stage 3		SAB	AM
D2-P04	26-09-18	Stage 3		AM	AM
D2-P03	10-09-18	Stage 3		SAB	AM
S3-P02	03-09-18	For review and comment		SAB	AM
Revision	Date	Description	Drawn	Appr.	



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 Tithebarn Street, Liverpool, L2 2DT
T: 0151 363 1230

Client Commercial Developments Projects Ltd.

Project Lincoln Square

Drg Title Steps & Handrails Details
Steps 1, 2 & 3

Created on 03-09-18 Created by SAB Approved by AM

Scale varies Size A1 Workstage Stage 5

Drg No. LSQ-PLA-XX-XX-DR-L-5005 Suitability S4 Revision P15

HANDRAIL: Precedent Images

