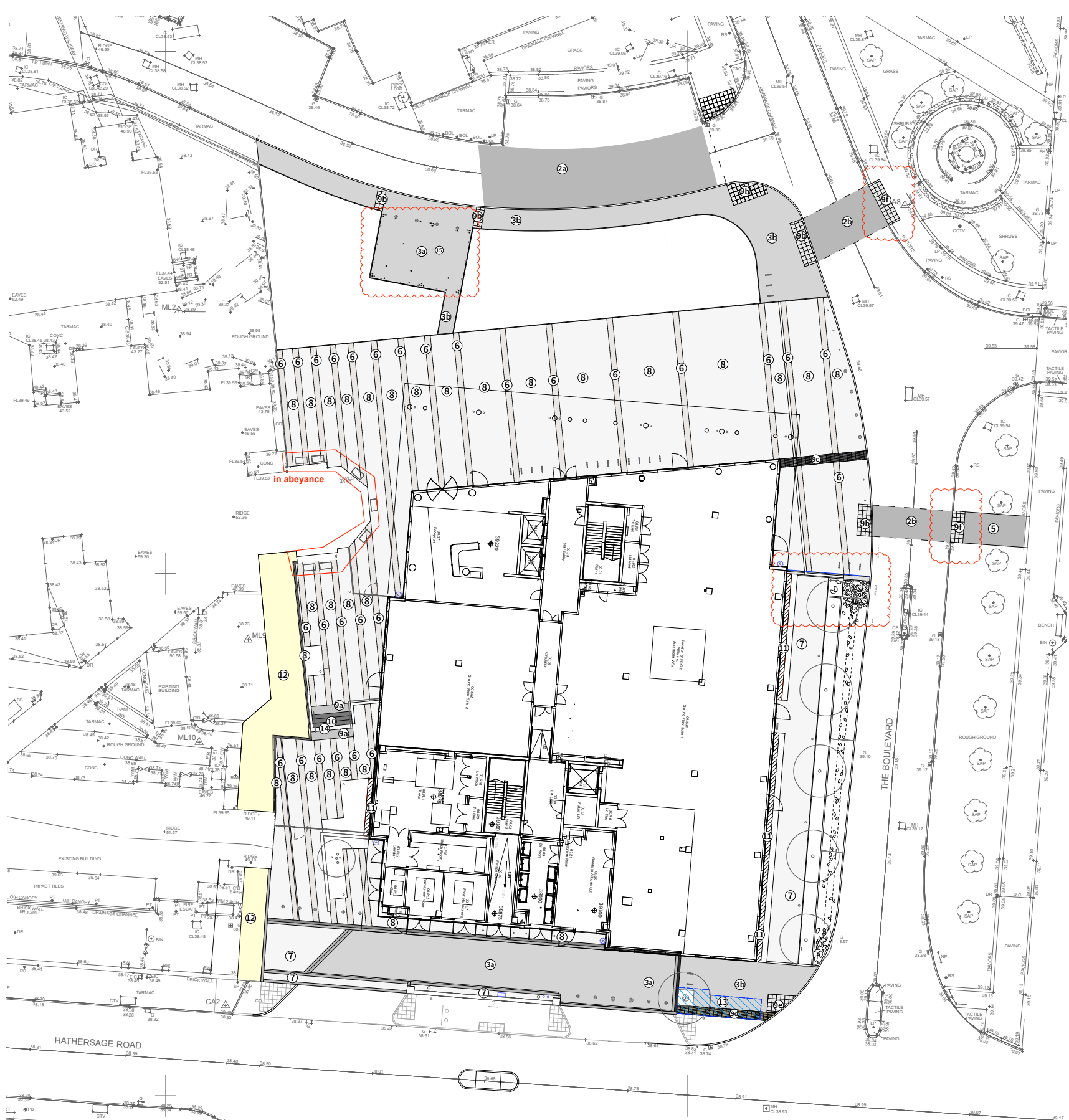




KEY

HARDWORKS SURFACE MATERIALS

For site sections refer to drawings 007535-PLA-XX-XX-DR-L-0003/0004

2a

Existing Tarmac Road to Boulevard (might require resurfacing of surface layer in places to engineer's specification.)

2b

Existing Tarmac Road to Boulevard (might require resurfacing. **work to be undertaken by trust**)

3a

Proposed Tarmac Road - Vehicular Loading to loading bays located at Hathersage Road and temporary drop off along York Street - to engineer's specification.

3b

Proposed Tarmac Road - Pedestrian Loading to pedestrian pavement areas and temporary landscaping - to engineer's specification.

4a

Granite Channel to waste outlet
Colour: Silver Grey
Dimensions: 400mm wide x 500mm long x 255mm deep with recess. Haunched in concrete to engineer's detail.
Supplier: Hardscape (01204565500) or similar and approved. (to specification clause Q25/1400)
Refer to drawing: 007535-PLA-XX-XX-DR-L-0002

5

Concrete Block Paving to Boulevard
Colour: matching existing adjacent paving
To specification clause Q25/1508
outside contract, work to be undertaken by trust

6

Proposed Feature Banding Concrete Aggregate Set Paving to St Mary's Square and Chapel Gardens
Material: Kellen - Liscio
Colour: Tageta E
Finish: smooth/ground
Dimensions: 240mm x 60mm x 80mm deep.
Supplier: Hardscape (01204565500) or similar and approved.
Bond: laid as 3 rows of stretcher before break of direction at a herringbone interface.
Refer to detail drawing 007535-PLA-XX-XX-DR-L-0006 & 0007 to specification clause Q25/150J

7

Proposed Concrete Aggregate Set Paving to Boulevard
Material: Kellen - Lavaro
Colour: WH
Dimensions: 240mm x 60mm x 80mm deep.
Supplier: Hardscape (01204565500) or similar and approved.
Bond: laid stretcher bond.
Refer to detail drawing 007535-PLA-XX-XX-DR-L-0007 to specification clause Q25/150J

8

Proposed Concrete Aggregate Set Paving to St Mary's Square and Chapel Gardens
Material: Kellen - Lavaro
Colour: WH
Finish: textured
Dimensions: 240mm x 60mm x 80mm deep.
Supplier: Hardscape (01204565500) or similar and approved.
Bond: laid stretcher bond before break of direction at a herringbone interface to feature banding.
Refer to detail drawing 007535-PLA-XX-XX-DR-L-0006 & 0007 to specification clause Q25/150B

9a

Tactile/Hazardous Paving to crossings and top and bottom of steps
CORDUROY GRANITE PAVING AT TOP AND BOTTOM OF STEPS
Product reference: Crystal Black
Finish: sand blasted
Sizes: 400 x 400 x 65mm standard units
400 x 510 x 65mm special units
(to specification clause Q25/150J)
Refer to detail drawing 007535-PLA-XX-XX-DR-L-0002

9b

TACTILE BLISTER FLAG CONCRETE PAVING ALL ROAD CROSSINGS
To tie into existing on hospital campus site
Colour: charcoal
Sizes: 400mm x 400mm x 80mm depth.
Finish: Blister pattern
(to specification clause Q25/150A)

9c

TACTILE BLISTER FLAG CONCRETE PAVING ALL ROAD CROSSINGS
To tie into existing on hospital campus site
Colour: charcoal
Sizes: 400mm x 400mm x 80mm depth.
Finish: Blister pattern
(to specification clause Q25/150A)
outside contract, work to be undertaken by trust

9d

TACTILE BLISTER FLAG CONCRETE PAVING ALL ROAD CROSSINGS
To tie into existing on hospital campus site
Colour: buff
Sizes: 400mm x 400mm x 80mm depth.
Finish: Blister pattern
(to specification clause Q25/150J)

9e

CORDUROY CONCRETE BLOCK PAVING TO CYCLING/ PEDESTRIAN INTERFACE IN SQUARE
Product reference: charcoal
Finish: textured, with corduroy ribs
Sizes: 400x400x65mm standard units.
(to specification clause 1b)
Supplier: Hardscape Ltd 01204 590666 or similar and approved.
(to specification clause Q25/150A)

9f

CORDUROY CONCRETE BLOCK PAVING TO CYCLING/ PEDESTRIAN INTERFACE AT HATHERSAGE ROAD
Product reference: buff
Finish: textured, with corduroy ribs
Sizes: 400x400x65mm standard units.
(to specification clause 1b)
Supplier: Hardscape Ltd 01204 590666 or similar and approved.
(to specification clause Q25/150B)

10

Natural Stone Step Units with associated handrails and contrasting strips to top and side of step tread
Material: granite (phase 1)
Colour: Kobra - dark grey
Finish: polished
Supplier: Hardscape (01204565500) or similar and approved refer to detail drawing 007535-PLA-XX-XX-DR-L-0002 (to specification clause L37/151J)

11

Gravel Strip to building margin edge
Type: Flat White Pedestals
Supplier: CED stone ltd or similar and approved.
(to specification clause Q25/150A)
Refer to 007535-PLA-XX-XX-DR-L-0000

12

Temporary interface treatment to area behind temporary hoarding line, required due to change in levels from proposed and existing surface.
Final finish subject to further detail. Discussion required with client and current user.

13

Below ground tree pit extent in paved areas
Refer to drawing: 007535-PLA-XX-XX-DR-L-0001

14

Natural Stone Flag Paving At Bottom Of Steps
Material: granite (phase 1)
Colour: Kobra - dark grey
Finish: Sawn sides, picked top
Sizes: A: 400 x 500 x 40 mm standard units - 3no.
B: 400 x 1192 x80 mm special end unit - 1no.
Bond: Stacked bond
Supplier: Hardscape (01204565500) or similar and approved Refer to drawing: 007535-PLA-XX-XX-DR-L-0001, 0002 (to specification clause Q25/151A)

15

Blue Badge Holder Demarcation
Stainless steel demarcation studs
Slip resistant with wheelchair symbol.
To comply with Part M and BS6309

NOTES:

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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.

NOTE:
Previous Drawing Number for Contract: PL1564-013

S4, C04	010.10.19	STAGE APPROVAL	AM	AM
S4, C03	20.09.19	STAGE APPROVAL	SAB	AM
S3, P02	06.09.19	REVIEW & COMMENT	SAB	AM
S4, C02	23.08.19	STAGE APPROVAL	SAB	AM
S4, C01	12.07.19	STAGE APPROVAL	SAB	AM
P01	21.06.19	REVIEW & COMMENT	SAB	AM

Revision	Date	Description	Drawn	Apprv.

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Client

CMFT/MSP

Project

Citylabs 2.0
Manchester

Drg Title

Hardworks Phase 1

Created on

21.06.2019

Created by

SAB/AM

Approved by

AM

Scale

1:200

Size

A1

Workstage

Stage 5

Drg No.

007535-PLA-XX-XX-DR-L-1001

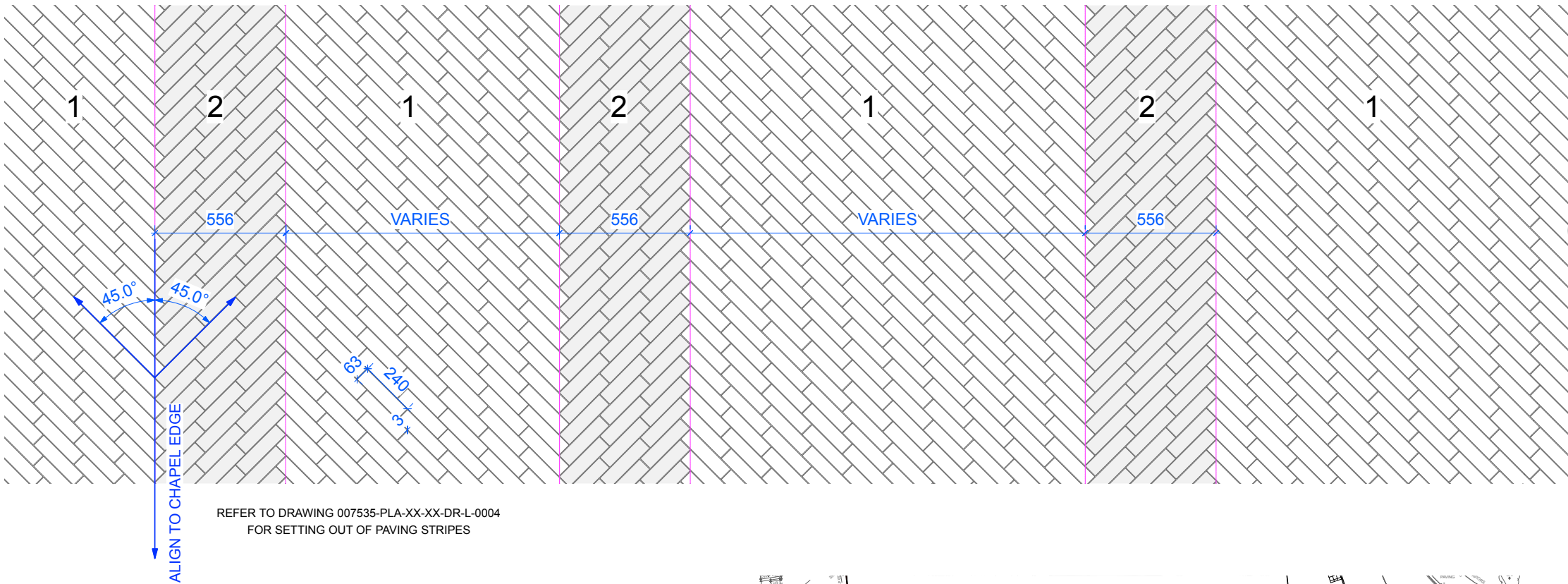
Suitability

S4

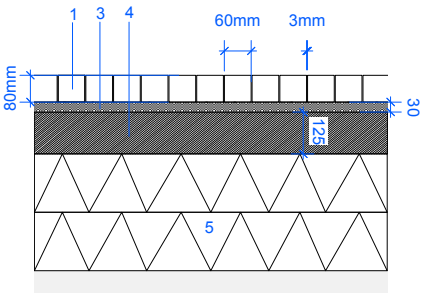
Revision

C04

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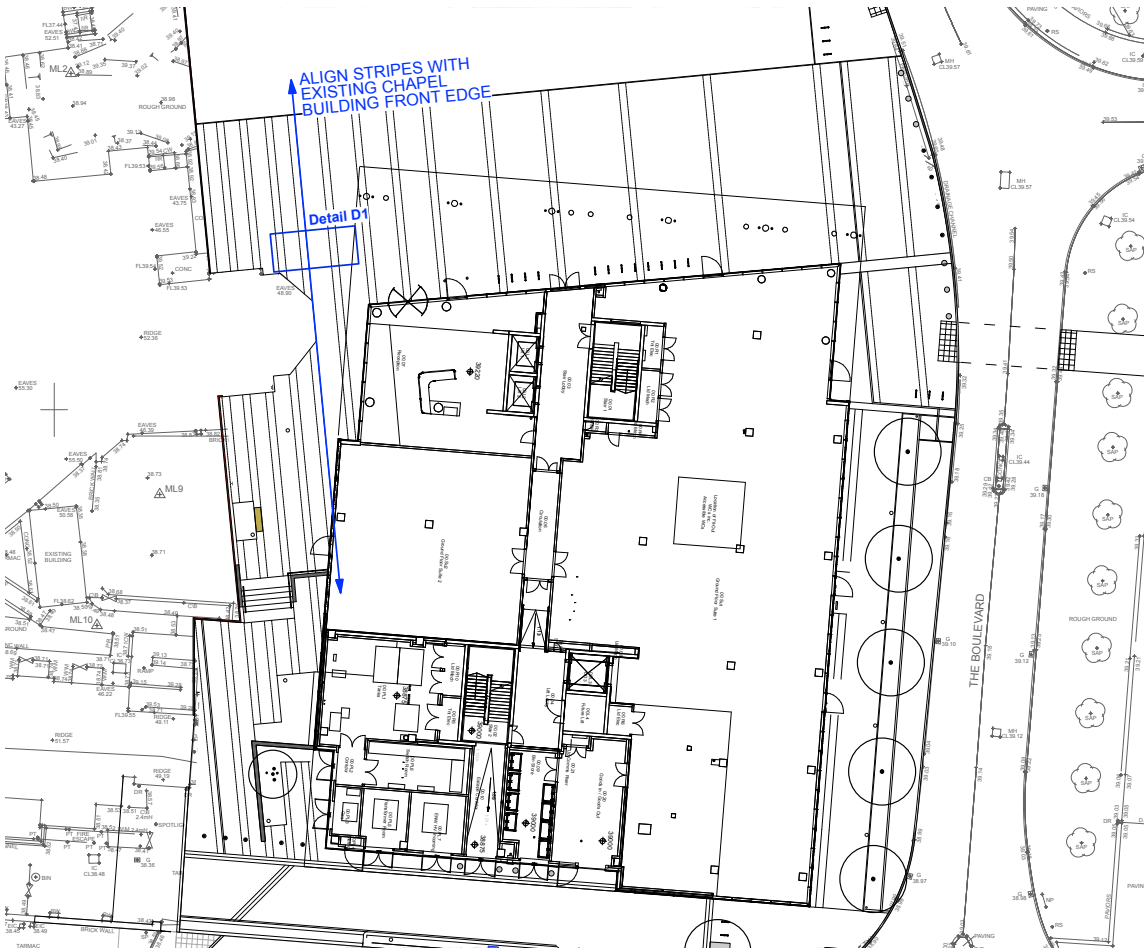
D1. Concrete Aggregate Set Paving - orientation plan



D2. Concrete Aggregate Set Paving - typical section (vehicular loading)

Key

1. Proposed Concrete Aggregate Sett Paving
Material: Kellen - Lavarò
Colour: Wit
Finish: textured
Dimensions: 240mm x 60mm x 80mm deep,
Supplier: Hardscape (t:01204565500) or similar and approved
Bond: laid stretcher bond before break of direction at a herringbone interface to feature banding. Refer to paving orientation plan.
To specification clause Q25 150B
2. Proposed Feature Banding Concrete Aggregate Sett Paving
Material: Kellen - Liscio
Colour: Tagenta E
Finish: smooth/ground
Dimensions: 250mm x 60mm x 80mm deep,
Supplier: Hardscape (t:01204565500) or similar and approved
Bond: laid as 3 rows of stretcher before break of direction at a herringbone interface. Refer to paving orientation plan.
To specification clause Q25 155J
3. Sand bedding course - engineer's specification. Jointing: Colour to match paving (grey). Submit proposals for approval. Material to be from one source.
4. Close graded asphalt surface course - to engineer's specification
5. DoT Base Course to engineers details.



Location Plan - (scale 1:250)

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 3. All dimensions are in millimeters 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.

NOTE: Refer to NBS clause Q25 for details of paving specification.

S4, C01 11-07-19 Stage Approval SAB AM

Revision	Date	Description	Drawn	Appr'd.
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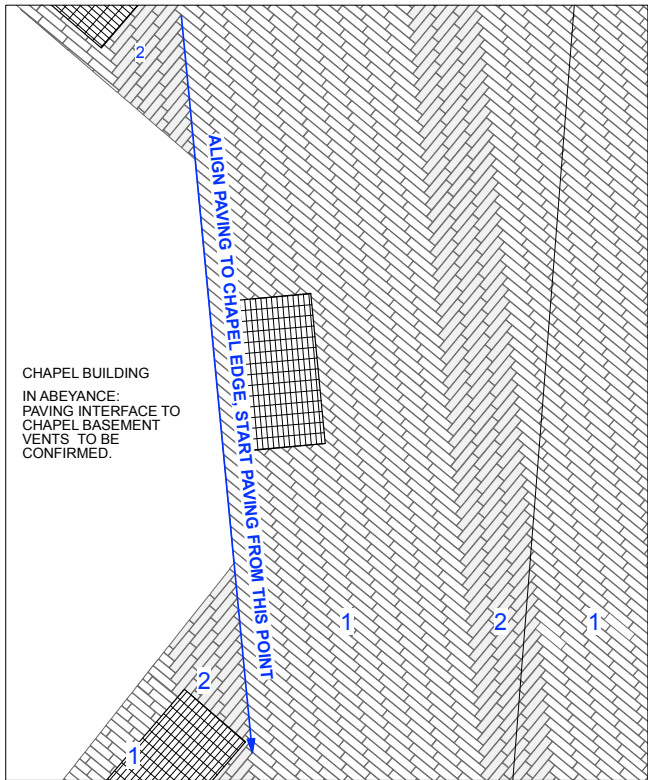
Drq Title Detail - Paving Orientation

Created on 09.07.19 Created by SAB Approved by AM

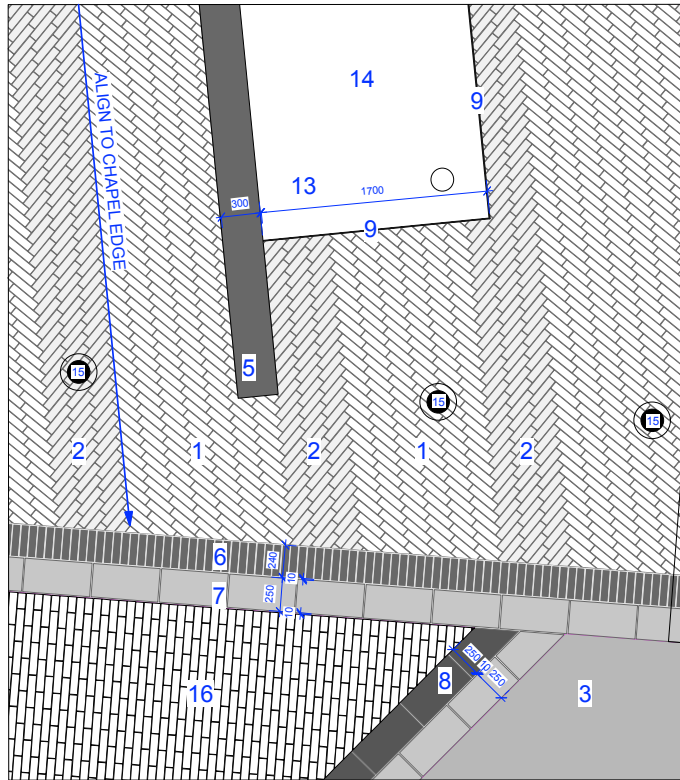
Scale 1:10/1:250 Size A1 Workstage Stage 5

Drq No. 007535-PLA-XX-XX-DR-L-5006 Suitability S4 Revision C01

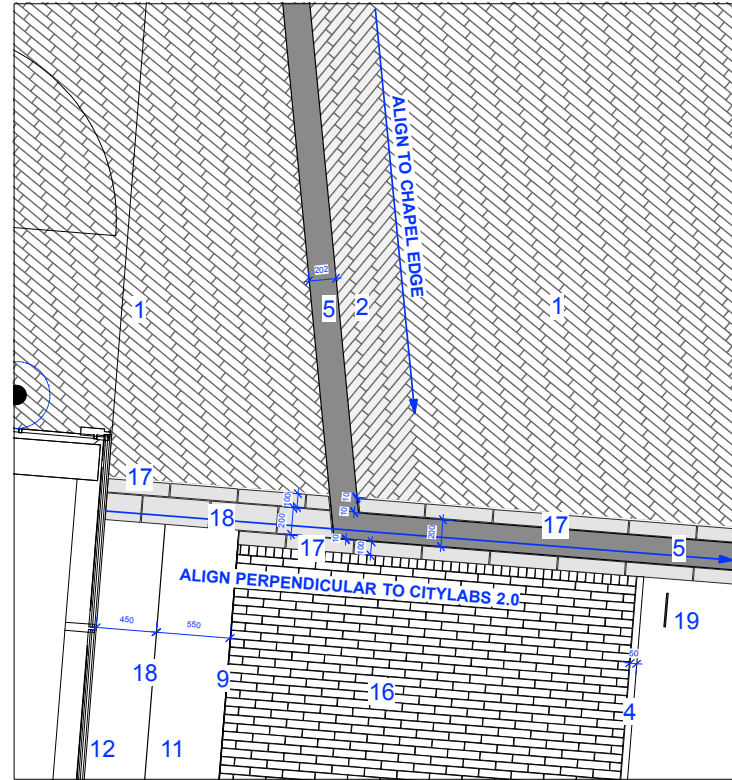
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D1. Concrete Aggregate Set Paving/Alignment to front of Chapel (scale 1:25)



D2. Concrete Aggregate Set Paving/Channel Edge (scale 1:25)



D3. Concrete Aggregate Set Paving/Channel Edge/Concrete Aggregate Set Paving (scale 1:25)

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 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.

- KEY**
- 1. Proposed Concrete Aggregate Set Paving (TYPE 8)**
Material: Kellen - Lavaro
Colour: Wt. Finish: textured
Dimensions: 240mm x 60mm x 80mm deep
Supplier: Hardscape (01204665500) or similar and approved
Bond: laid stretcher bond before break of direction at a herringbone interface to feature banding. Refer to paving orientation plan 007535-PLA-XX-XX-DR-L-5006.
Refer to specification clause: Q25 150B
 - 2. Feature Banding Concrete Aggregate Set Paving (TYPE 8)**
Material: Kellen - Lavaro
Colour: Wt. Finish: smooth/ground
Dimensions: 240mm x 60mm x 80mm deep
Supplier: Hardscape (01204665500) or similar and approved
Bond: laid as 3 rows of stretcher before break of direction at a herringbone interface. Refer to paving orientation plan 007535-PLA-XX-XX-DR-L-5006.
Refer to specification clause: Q25 155A
 - 3. Proposed Tarmacadam - Vehicular Loading to loading bays located at Hathersage Road**
- to engineer's specification.
 - 4. PCC Pin Kerb Edge - K8**
To Swale/pavement edge. Laid flush.
Dimensions: 50mm wide x 150mm deep. To specification clause Q10110A
 - 5. 200mm Drainage channel - refer to engineer's specification**
To specification clause Q10180A
 - 6. Proposed Concrete Paving band - To loading bay (TYPE 4B)**
Dimensions: 240mm x 60mm x 80mm deep
Bond: Stacked, wetter course
Material: Kellen - Lavaro. Colour: Wt.
To specification clause Q10 112A
 - 7. Proposed Granite Channel to Loading Bay at Hathersage Road, rigidly laid. (TYPE 3B)**
Colour: Silver Grey
Dimensions: 250mm wide x 500mm long x 140mm deep modules. To be laid with 6mm upstand. Haunched. To specification clause Q10 123B
 - 8. Proposed Granite Channel to Loading Bay at Hathersage Road, rigidly laid. (TYPE 3A)**
Colour: Silver Grey. Dimensions: 250mm wide x 500mm long x 140mm deep modules. To be laid flush. Haunched. To specification clause Q10 123B
 - 9. Aluminium Edging**
laid on concrete haunching.
Colour: natural
Dimensions: 4mm wide x 100mm deep
laid flush to hard standing. To specification clause Q10 201
 - 10. Corduroy concrete block paving to cycle/pedestrian interface**
Product reference: charcoal. Finish: textured, with corduroy ribs
Size: 400x400x65mm standard units.
(to specification clause BCI)
To specification clause Q25 196A
 - 11. Proposed Instant hedge Planting - refer to softworks schedule**
Refer to drawing 007535-PLA-XX-XX-DR-L-2002 and Q30
 - 12. Gravel Strip - to building margin edge**
Type: White fill pebbles. 20-40mm
Supplier: CED or similar and approved. (to specification clause Q25 160A)
 - 13. Lighting bollard - refer to engineer's specification**
 - 14. Ornamental planting - refer to softworks schedule.**
Refer to drawing 007535-PLA-XX-XX-DR-L-2002
 - 15. Proposed Retractable Bollards**
To specification clause Q50 102B
Refer to drawing 007535-PLA-XX-XX-DR-L-8003
 - 16. Proposed Concrete Aggregate Set Paving (TYPE 7)**
Material: Kellen - Lavaro
Colour: Wt. Finish: textured
Dimensions: 240mm x 60mm x 80mm deep
Supplier: Hardscape (01204665500) or similar and approved
Bond: laid stretcher bond, perpendicular to citylabs 2.0 building edge
Refer to specification clause: Q25 150A
 - 17. Proposed Granite Channel - K10**
to Swale, rigidly laid. Colour: Silver Grey. Dimensions: 100mm wide x 500mm long x 140mm deep modules. To be laid flush. To specification clause Q10123D
 - 18. Proposed Granite Channel - K1E**
to Swale, rigidly laid. Colour: Silver Grey. Dimensions: 200mm wide x 500mm long x 140mm deep modules. To be laid flush. To specification clause Q10123E
 - 19. Proposed Swale Signage**
to Swale, refer to drawing 007535-PLA-XX-XX-DR-L-7005

S4, C02	10-10-19	Stage Approval	AM	AM
S4, C01	09-07-19	Stage Approval	SAB	AM

Revision	Date	Description	Drawn	Appr.
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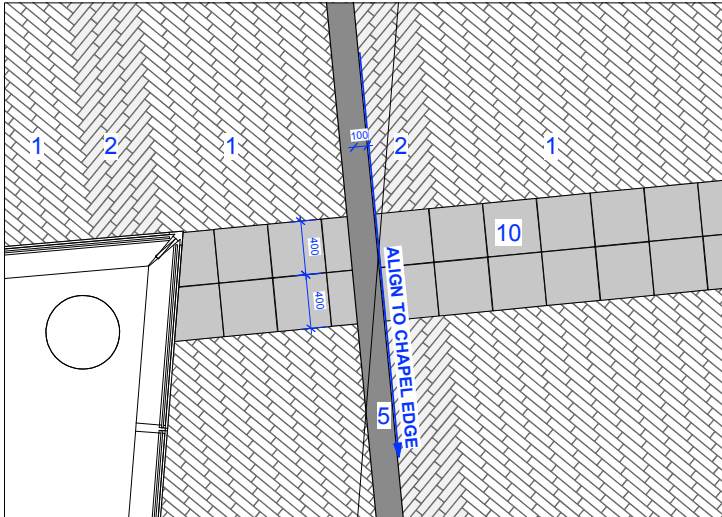
Drq Title Detail - Paving Interfaces

Created on 09.07.19 Created by SAB Approved by AM

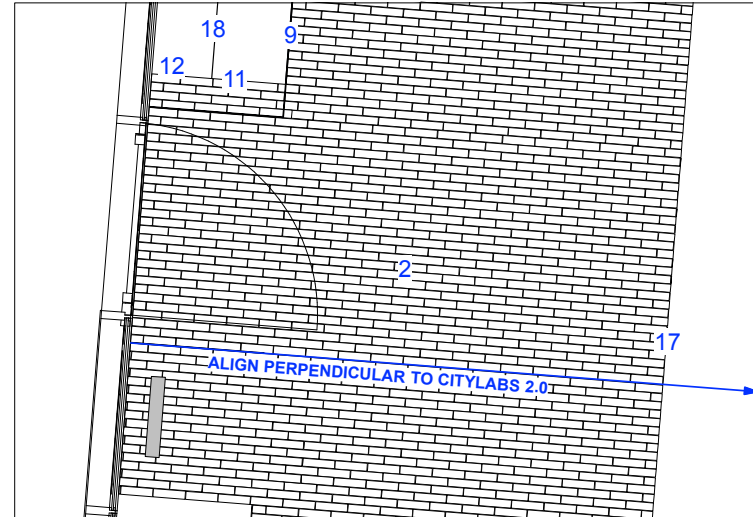
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Drq No. 007535-PLA-XX-XX-DR-L-5007 Suitability S4 Revision C02

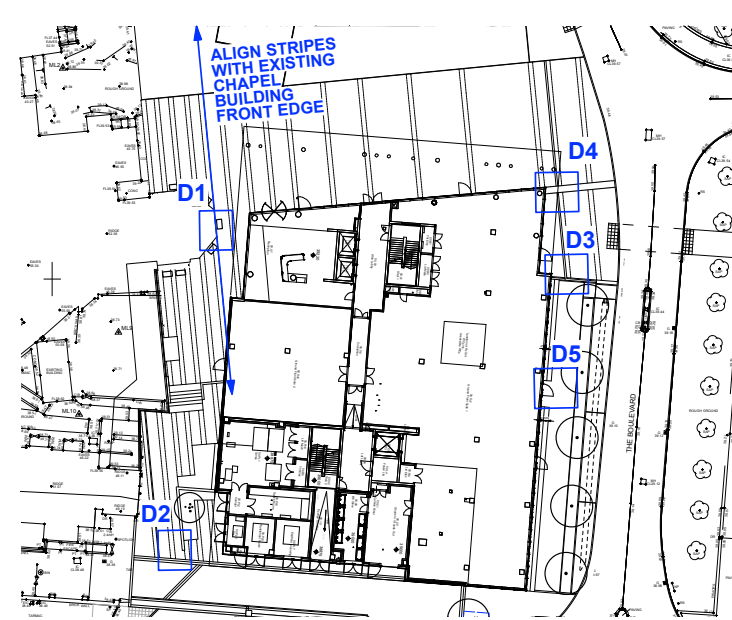
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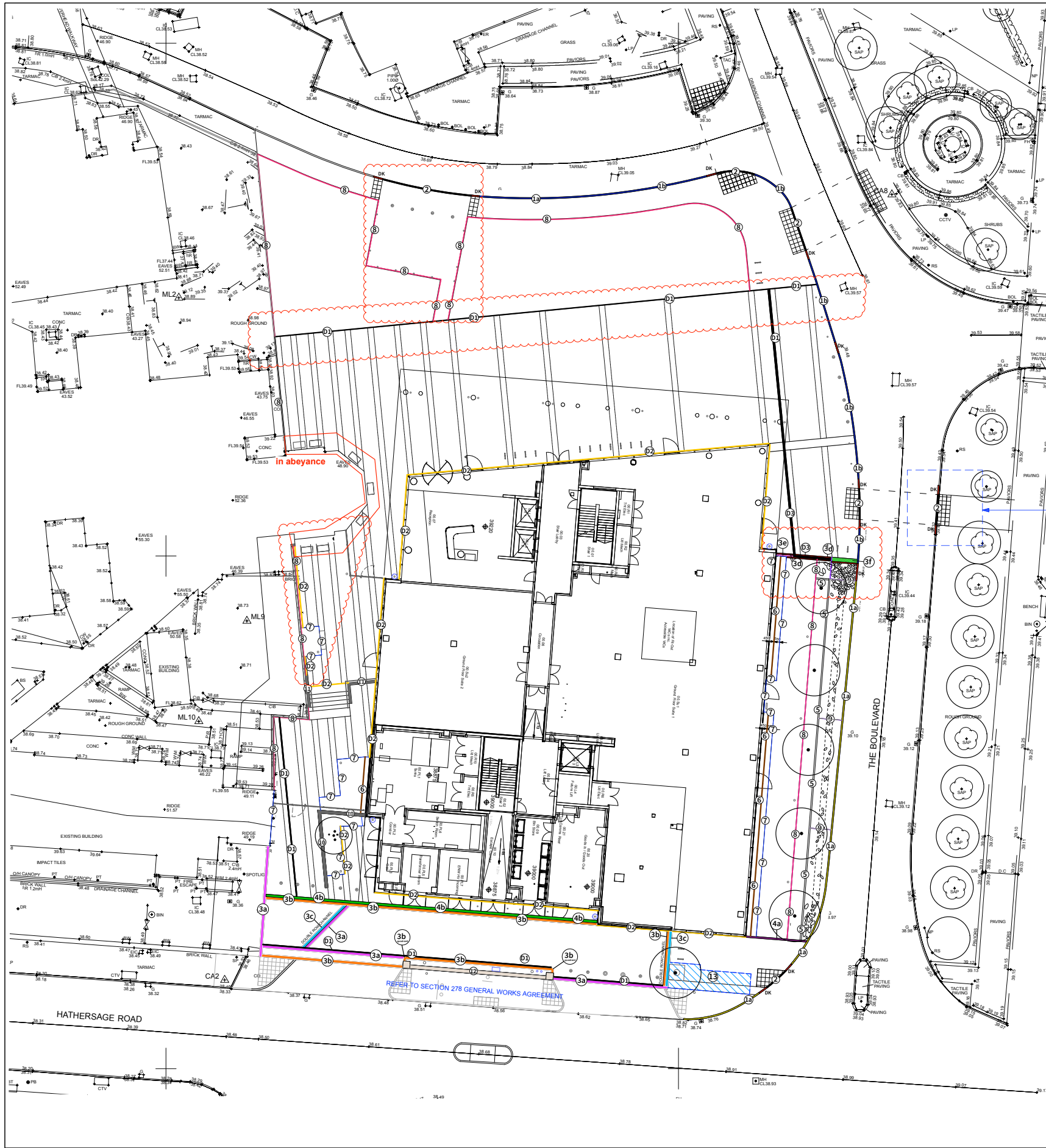
D4. Concrete Aggregate Set Paving/Tactile hazard paving (scale 1:25)



D5. Concrete Aggregate Set Paving/Doorway (scale 1:25)



Location Plan - (scale 1:400)



KEY

For site sections refer to drawings 007535-PLA-XX-XX-DR-L-3003/3004

- 1B** Proposed Precast Concrete Kerb - K1B
to match existing at Hathersage Road
Product type: bullnosed proprietary kerb
Colour: natural
Dimensions: 125mm wide x 150mm x 915mm with 6-60mm upstand, allow for drop kerb rise to specification clause Q10110C
Refer to drawing 007535-PLA-XX-XX-DR-L-6000
- 1A** Proposed Precast Concrete Kerb - K1A
to match existing at Hathersage Road
Product type: bullnosed proprietary kerb
Colour: natural
Dimensions: 125mm wide x 255mm x 915mm with 60-125mm upstand, allow for radii / drop kerb / rear where required. To specification clause Q10110B
Refer to drawing 007535-PLA-XX-XX-DR-L-6000
- 2** Proposed Precast Concrete Channel - K2
to match existing at Hathersage Road
Product type: proprietary channel kerb laid flush
Colour: natural
Dimensions: 125mm wide x 915mm x 150mm
To specification clause Q10110C
- DK** Proposed drop kerb - DK
to match existing at Hathersage Road
Product type: Bullnosed Drop Kerb -
Colour: natural
Dimensions: 125mm x 255mm x 150mm
To specification clause Q10110B, C, D
- 3A** Proposed Granite Channel - K3A
to Loading Bay at Hathersage Road, rigidly laid.
Colour: Silver Grey
Dimensions: 250mm wide x 500mm long x 140mm deep modules. To be laid flush.
Supplier: Hardcape (01204565500) or similar and approved. To specification clause Q10123A
Refer to drawing 007535-PLA-XX-XX-DR-L-6000 & 6007
- 3B** Proposed Granite Channel - K3B
to Loading Bay at Hathersage Road, rigidly laid.
Colour: Silver Grey
Dimensions: 250mm wide x 500mm long x 140mm deep and 925mm quadrant modules (3B quadrant). To be laid with 6mm upstand
Supplier: Hardcape (01204565500) or similar and approved. To specification clause Q10123B
Refer to drawing 007535-PLA-XX-XX-DR-L-6000 & 6007
- 3C** Proposed Granite Channel - K3C
to Loading Bay at Hathersage Road, rigidly laid.
Colour: Crystal Black
Dimensions: 250mm wide x 500mm long x 140mm deep modules. To be laid flush
Supplier: Hardcape (01204565500) or similar and approved. To specification clause Q10123C
Refer to drawing 007535-PLA-XX-XX-DR-L-6000 & 6007
- 3D** Proposed Granite Channel - K3D
to Swale, rigidly laid.
Colour: Silver Grey
Dimensions: 100mm wide x 500mm long x 140mm deep modules. To be laid flush
Supplier: Hardcape (01204565500) or similar and approved. To specification clause Q10123D
Refer to drawing 007535-PLA-XX-XX-DR-L-6002 & 6003
- 3E** Proposed Granite Channel - K3E
to Swale, rigidly laid.
Colour: Silver Grey
Dimensions: 200mm wide x 500mm long x 140mm deep modules. To be laid flush
Supplier: Hardcape (01204565500) or similar and approved. To specification clause Q10123E
Refer to drawing 007535-PLA-XX-XX-DR-L-6002 & 6003
- 3F** Proposed Granite Bespoke Open Channel - K3F
to Swale, rigidly laid.
Colour: Silver Grey
Dimensions: 420mm wide x 500mm long x 250-300mm deep modules. With bespoke minimum 100mm wide recess, each unit to be bespoke.
Supplier: Hardcape (01204565500) or similar and approved. To specification clause Q10123F
Refer to drawing 007535-PLA-XX-XX-DR-L-6002 & 6003
- 4A** Proposed Concrete Paving Channel - K4A
Dimensions: 250mm wide x 1000mm long x 200mm deep laid flush, (haunched in concrete)
Material: Kellen - Larvaro - Ref: Rabatbarden 25
Colour: WA
Bond: Laid as single row.
Supplier: Hardcape (01204565500) or similar and approved. To specification clause Q10112J
Refer to drawing 007535-PLA-XX-XX-DR-L-6000 & 6007
- 4B** Proposed Concrete Paving band - K4B
to Loading bay
Dimensions: 340mm x 80mm x 80mm deep laid flush
Material: Kellen - Larvaro
Colour: Zwart
Supplier: Hardcape (01204565500) or similar and approved
To specification clause Q10112B
Refer to drawing 007535-PLA-XX-XX-DR-L-6000 & 6007
- 5** Proposed PCC Kerb edge
to Rain Gardens at Boulevard - K5
to match existing at Hathersage Road
Product type: bullnosed proprietary kerb
Colour: natural
Dimensions: 125mm wide x 255mm x 150mm with 50mm upstand to swale planting edge. To specification clause Q10110B
Refer to drawing 007535-PLA-XX-XX-DR-L-6000, 6007 & 6002
- 6** Proposed Timber Edging - K6
To specification clause Q10110
Refer to drawing 007535-PLA-XX-XX-DR-L-6000 & 6007
- 7** Aluminium Edging - K7
Colour: standard - mill
Dimensions: 4mm wide x 100mm deep
laid flush to hard standing. To specification clause Q101201
Refer to drawing 007535-PLA-XX-XX-DR-L-6000 & 6007
- 8** PCC Pin Kerb Edge - K8
To Swale/pavement edge. Laid flush.
Dimensions: 50mm wide x 150mm deep
To specification clause Q10110A
Refer to drawing 007535-PLA-XX-XX-DR-L-6000, 6007 & 6002
- 9** Swale steel retaining edge - K9
To specification clause Q10032
Refer to detail drawing: 007535-PLA-XX-XX-DR-L-6002 & 6003
- 10** Natural Stone Plinth to Fencing - RW10
between Citylabs 2.0 building and Childrens Wing
Material: granite
Colour: kobza - dark grey
Finish: picked and waterjet
300mm wide, 380mm high, with 100-200mm upstand to adjacent surfaces, 500mm long, special corner units
Refer to detail drawing: 007535-PLA-XX-XX-DR-L-6004
To specification clause F21115A
- 11** Natural Stone Retaining Wall - RW 11A - 11B
to steps
Material: granite
Colour: kobza - dark grey
Finish: polished/stone
Dimensions: 250mm wide, 730mm high, 800/806mm long, corner specials
Refer to detail drawing: 007535-PLA-XX-XX-DR-L-6004
To specification clause F21115A
- 12** Sandstone Retaining Wall - RW12
to Hathersage Road Approach
1.2m high with end coping stones
refer to detail drawing 007535-PLA-XX-XX-DR-L-6003
To specification clause F21115B
- D1** Marshalls Birco Channel Drain - D1
Dimensions: 100mm wide
To engineer's specification.
Refer to drawing 007535-PLA-XX-XX-DR-L-6007
and specification clause Q10110A
- D2** Marshalls Droxus Slot Drain - D2
To engineer's specification.
Refer to drawing 007535-PLA-XX-XX-DR-L-3003/3004
and specification clause Q10110
- D3** Marshalls Birco Channel Drain - D3
Dimensions: 200mm wide, 100mm deep with 70mm deep invert level
To engineer's specification.
Refer to drawing 007535-PLA-XX-XX-DR-L-6007, 6002
and specification clause Q10110B
- 13** Below ground tree pit extent in paved areas
Refer to drawing 007535-PLA-XX-XX-DR-L-6001

NOTES:

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- Order of construction and setting out to be agreed on site.

NOTE:
Previous Drawing Number for Contract: PL1564-015

S4, C06 22.10.19	STAGE APPROVAL	AM	AM
S4, C05 09.10.19	STAGE APPROVAL	AM	AM
S4, C04 20.09.19	STAGE APPROVAL	SAB	AM
S3, P02 05.08.19	REVIEW & COMMENT	SAB	AM
S4, C03 29.08.19	STAGE APPROVAL	AM	AM
S4, C02 31.07.19	STAGE APPROVAL	AM	AM
S4, C01 12.07.19	STAGE APPROVAL	SAB	AM
P01 21.06.19	REVIEW & COMMENT	SAB	AM

Revision	Date	Description	Drawn	Approved

Client CMFT/MSP

Project Citylabs 2.0
Manchester

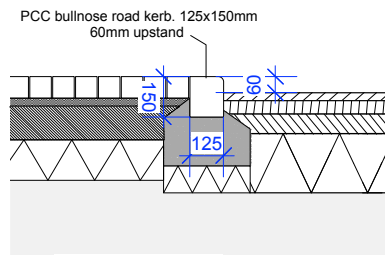
Drg Title Edging Phase 1

Created on 21.06.2019 **Created by** SAB/AM **Approved by** AM

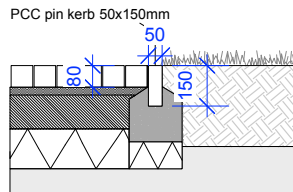
Scale 1:200 **Size** A1 **Workstage** Stage 5

Drg No. 007535-PLA-XX-XX-DR-L-1002 **Suitability** S4 **Revision** C06

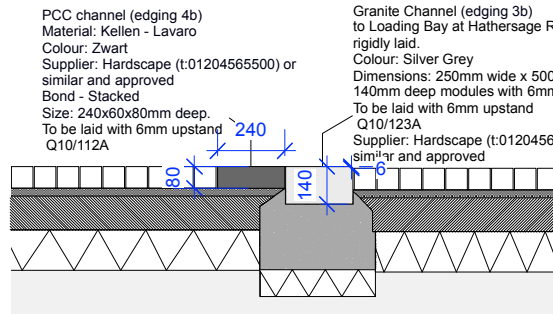
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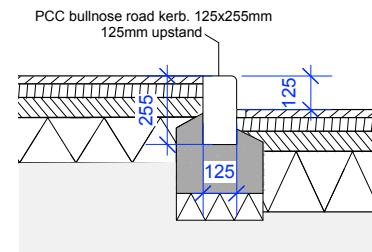
D1. PCC kerb 60mm upstand - Type 1B
REFER TO SPECIFICATION CLAUSE Q10 110C



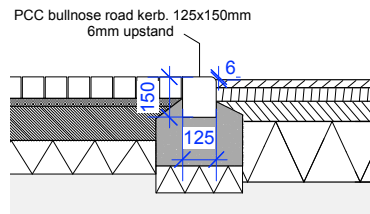
D2. PCC Pin Kerb - Type 8
SACRIFICIAL KERB TO BE REMOVED IN NEXT
PHASE OF WORKS
REFER TO SPECIFICATION CLAUSE Q10 110A



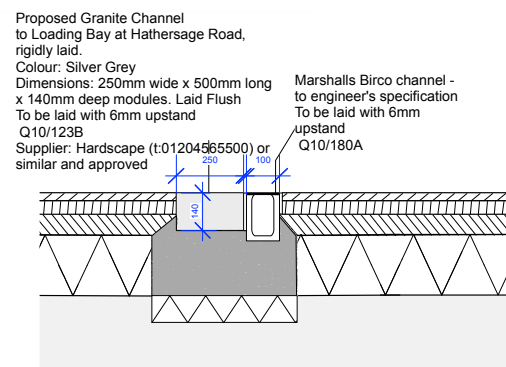
D3. PCC channel (4b)/Granite 6mm upstand (3b) interface



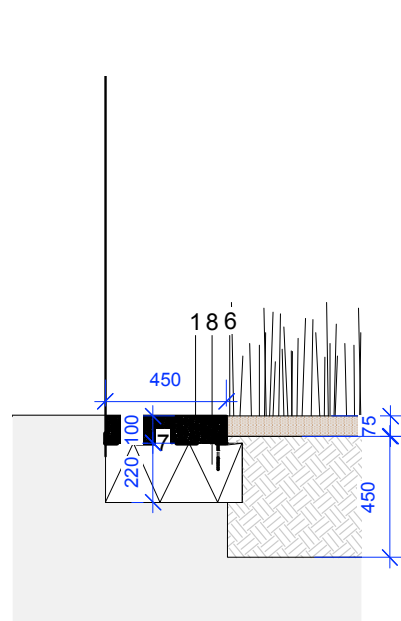
D4. PCC road kerb 125mm upstand - Type 1A
REFER TO SPECIFICATION CLAUSE Q10 110B



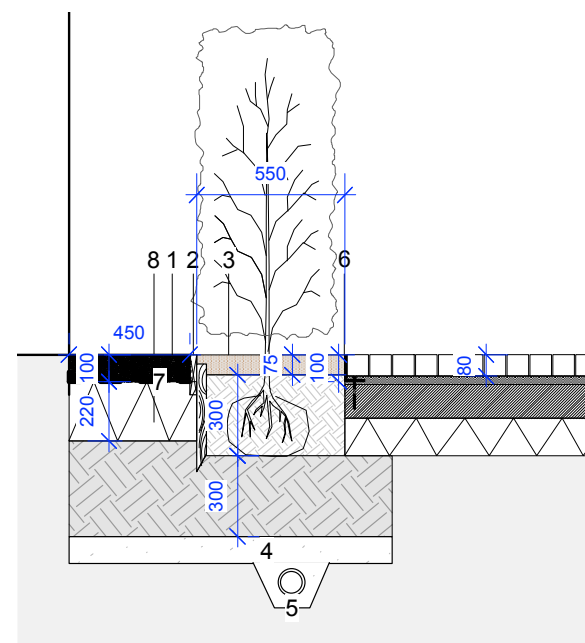
D5. PCC road kerb 6mm upstand - Type 1B
REFER TO SPECIFICATION CLAUSE Q10 110C



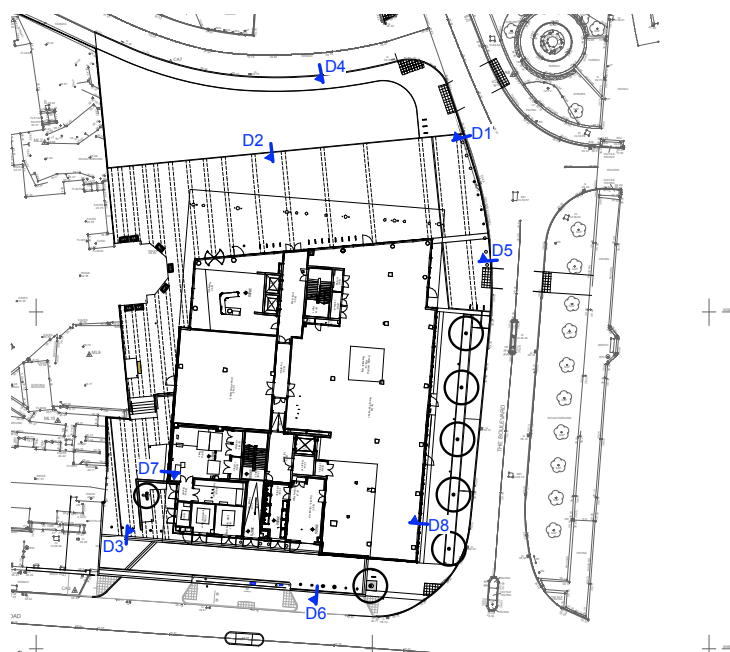
D6. Flush granite channel - Type 3a



D7. Gravel edge/Aluminum edge interface



D8. Gravel edge/Hedge/Aluminum edge interface



Location Plan (scale 1:1000)

1. Loose gravel margin to building edge. Flate white pebbles. 20-40mm
Compacted thickness:100mm [Q23/160A](#)
Supplier: CED Stone Ltd. or equal approved. Refer to specification clause Q10 201
2. Timber Board Edging 150x19mm, pressure treated softwood, cut to length and nailed to pegs with 65mm galvanised nails. Pegs to be 50x50x450mm presure treated softwood at 900mm centres. To specification clause [Q10/310A](#)
3. 75mm depth bark mulch layer [Q31/590A](#)
4. Drainage layer 200mm clean stone to base [Q31/405J](#)
5. If necessary due to ground conditions (poor water percolation), all tree pits to have active drainage connections to drainage system. [Q31/405J](#)
6. Metal edging
Supplier: Kinley Systems or equal and approved.
Product reference: Aluminium edging AE100FM
Size (width x height): 100mm deep, 4mm thick, 2500mm long rigid pieces.
Laid flush to hard surfaces,
Allow for stakes fixed to subbase
To specification clause [Q10/201](#)
7. Geotextile membrane [Q31/385A/410J](#)
8. Type 3 MOT - 250mm depth, to engineer's specification.

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- NOTES:**
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 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.

NOTE:Refer to engineer's drawing (CLAB-ARUP-02-EX-DE-C-00-0011) for all foundation and build up details

FOR EDGING LOCATIONS REFER TO DRAWING 007535-PLA-XX-XX-DR-L-1002 EDGINGS PHASE 1

REFER TO NBS CLAUSE Q10 FOR EDGINGS SPECIFICATION

Revision	Date	Description	Drawn	Approved
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T: 0207 253 5678
LIVERPOOL
Temple 5.3, 12 Tithebarn Street, Liverpool, L2 2DT
T: 0151 363 1230

Client CMFT/MSP

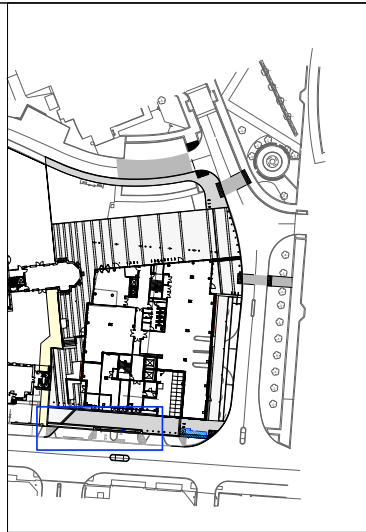
Project Citylabs 2.0
Manchester

Drg Title Detail - Edgings

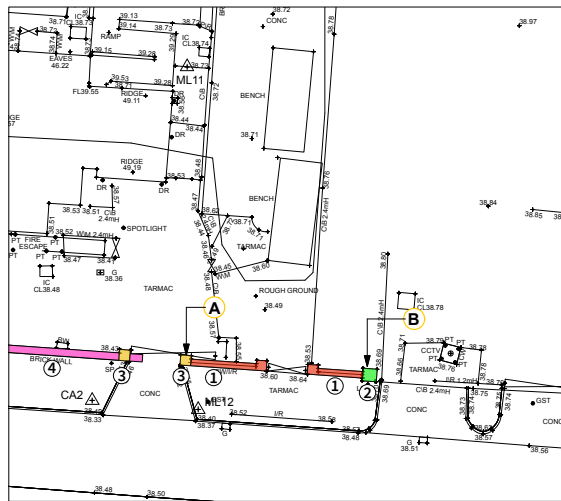
Created on 09.07.19 Created by SAB Approved by AM

Scale 1:25 Size A3 Workstage Stage 5

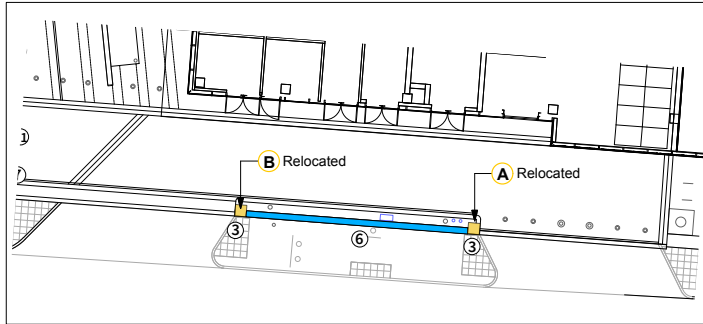
Drg No. 007535-PLA-XX-XX-DR-L-5000 Suitability S4 Revision C01



Location Plan (scale 1:1000)



Existing Walls & Location of Coping Stones (scale 1:200)



Proposed Wall & Relocation of Existing Coping Stones (scale 1:200)

A Sanstone coping stone to be relocated



B Sanstone coping to be relocated



NOTES:

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7. Order of construction and setting out to be agreed on site.

DESIGN INTENT ONLY

Foundations to engineers specification.
subject to approval of manufacturers
drawings, all measurements to be checked on
site prior to ordering and fabrication.

Previous Drawing Number For Contract: PL1564-109

NOTES:

- 1) Walls NOT to be washed down with chemicals.
- 2) Reclaimed stones to be taken down one by one, cleaned and used to re-build the wall.
- 3) Each individual stone to be re-pitched by hand, as they are brittle and need to be handled with care. All stones are of different sizes - larger stones should be used at the bottom of the wall, and smaller ones towards the top.
- 4) Suggested stone mason - Mather and Ellis.
- 5) Contact details:
Trafford Park
Manchester, M17 1QA
- 6) Mather and Ellis undertook a mortar analysis report in December 2014 on Hathersage Road boundary walls during previous restoration works. Based upon this information, the suggested mortar mix to be used in construction of the new wall is as follows:
7) Pointing and construction mortar:

A Lime/Ash Mortar with finer silica sandstone aggregate.

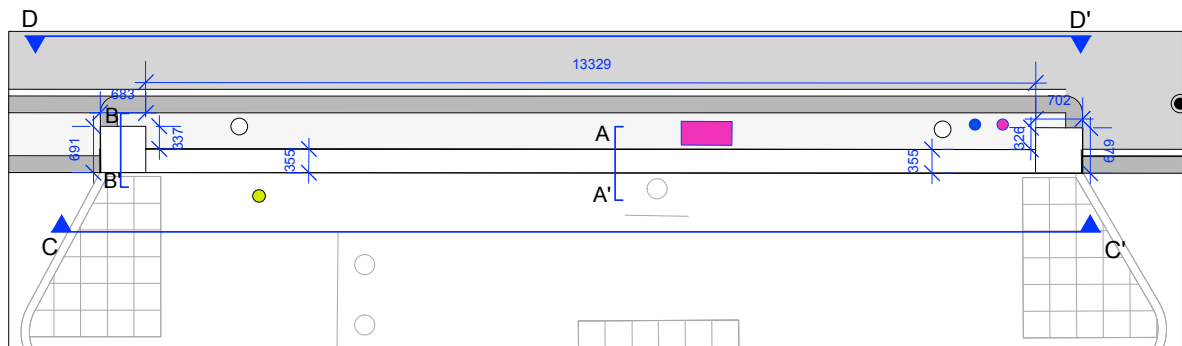
SUGGESTED REPLACEMENT MORTAR (Taking account of prevailing site conditions, building materials and condition, location and function of the new mortar, building details, exposure, seasonal working etc.)

1 part Ionic NHL5 lime mixed with 2 1/2 parts Well Graded Sharp Sand and 1/2 a part Crushed Clinker Ash and a small amount of black mineral pigment.

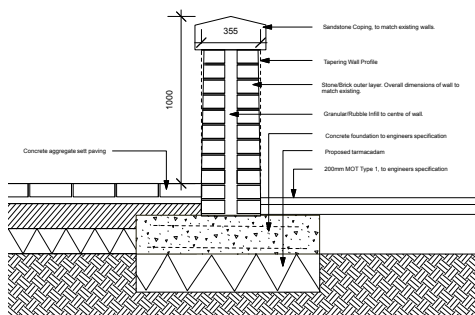
8) All dimensions are indicative, final dimensions to be measured and agreed during construction phase.

9) Existing wall is listed. All details need to be agreed with MCC planning prior to any works being undertaken.

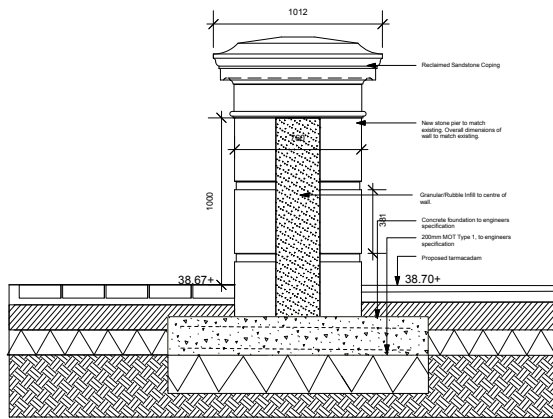
refer to F21/119B for further detail.



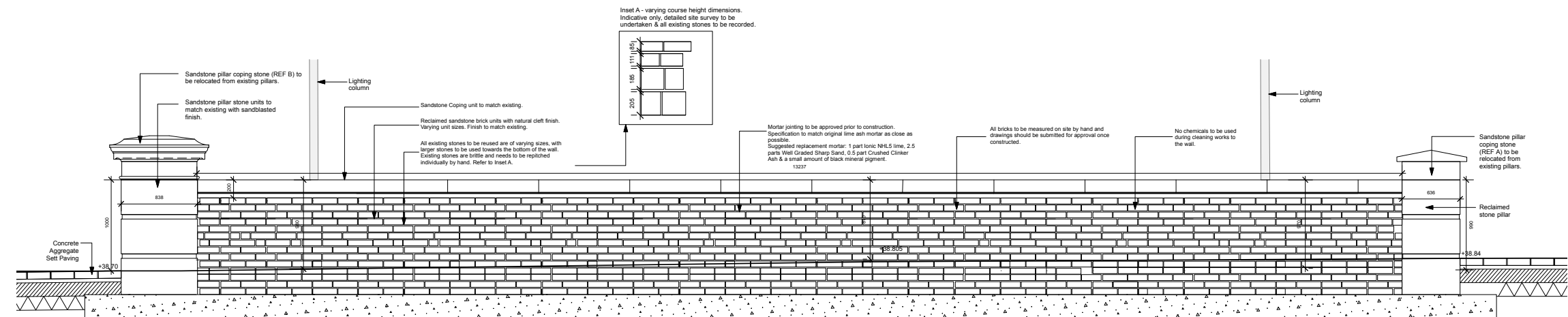
Section Location Plan (scale 1:100)



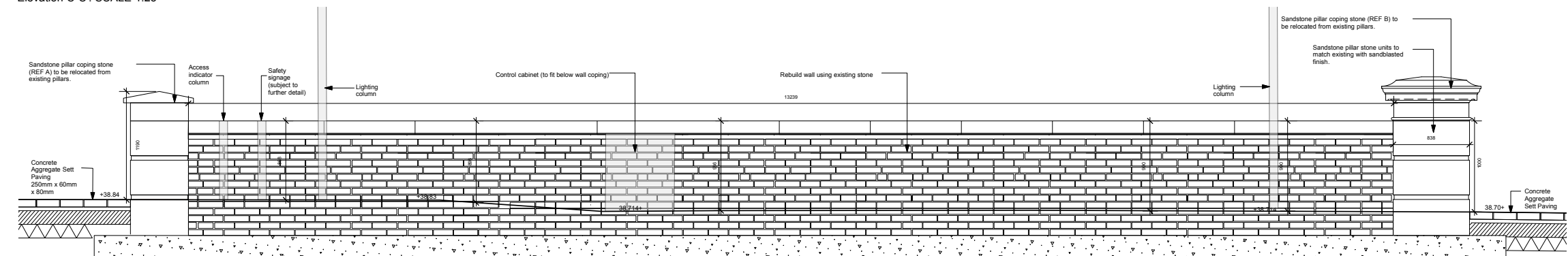
Typical Section A-A' - SCALE 1:20
Subject to site investigations



Typical Section B-B' - SCALE 1:20
Subject to site investigations



Elevation C-C' - SCALE 1:25



Elevation D-D' - SCALE 1:25

Revision	Date	Description	Drawn	Appr'd.
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LIVERPOOL
No. 8 Princes Parade, Princes Dock, Liverpool, L3 1DL
T: 0151 705 6746

Client CMFT/MSP

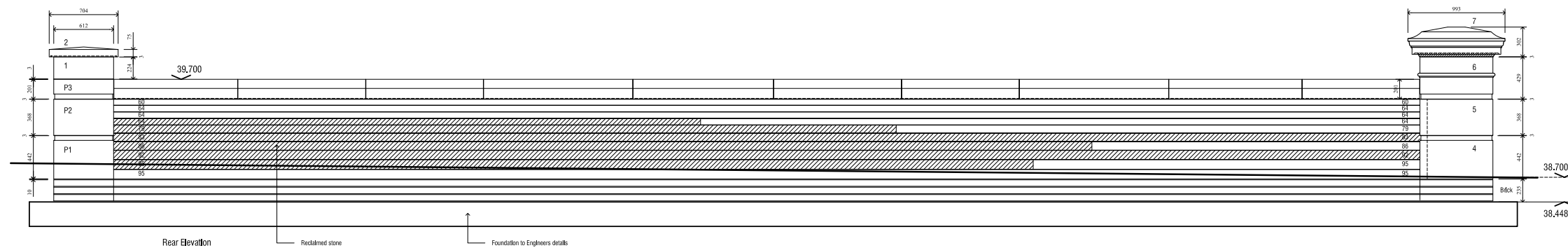
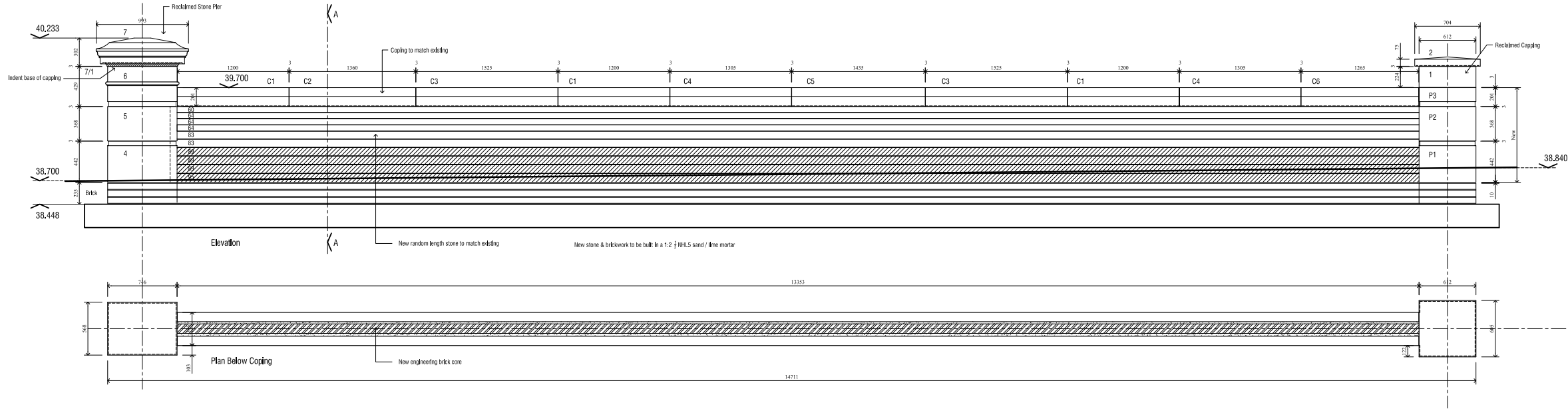
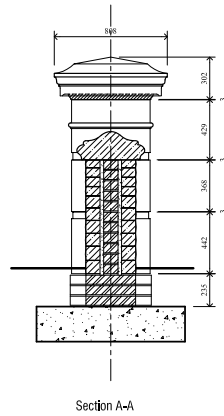
Project Citylabs 2.0
Manchester

Drp Title Detail - Sandstone Wall

Created on 09.07.2018 Created by SR Approved by AM

Scale Varies Size A1 Workstage Stage 5

Drp No. 007535-PLA-XX-XX-DR-L-5003 Suitability S4 Revision C01



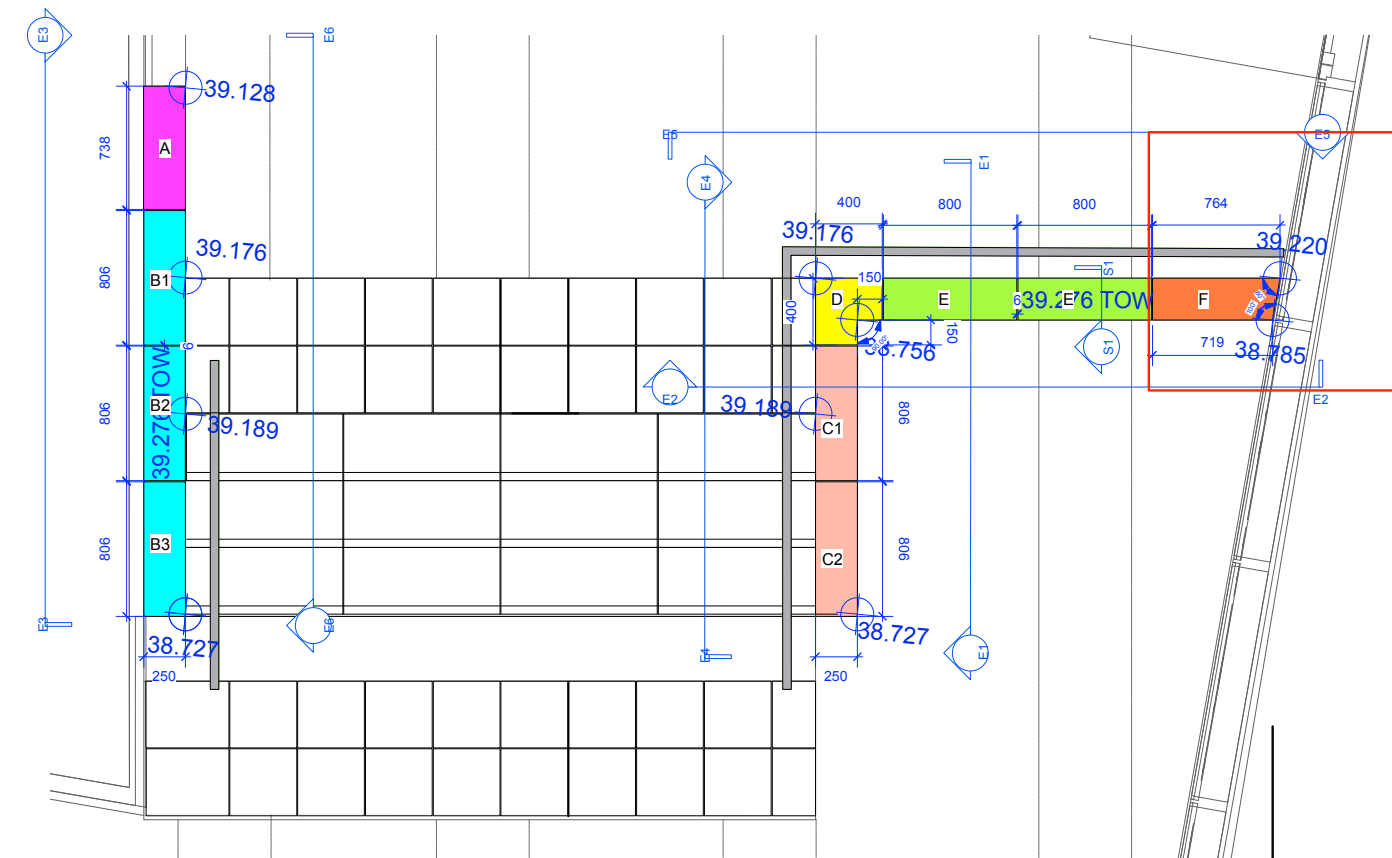
C	
B	
A	General update. Nov'18



MATHER & ELLIS LTD
STONEMASONS

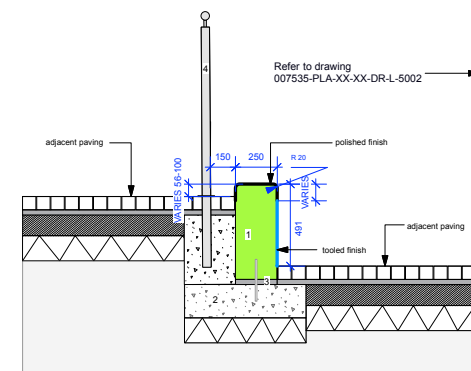
Mather & Ellis Ltd
 Mosley Road
 Trafford Park
 Manchester, M17 1QA
 Tel: 0161 872 1546
 Fax: 0161 876 5032

Contract: Citylabs 2.0 Hathersage Road, Manchester			
Title: Existing Boundary Wall Details			
Scale: 1:25	Date: Nov '19	Dwg No: ME239-02	Rev: A
Sheet Size: A1		Drawn By: T. Rhodes	Status: Approval
DO NOT SCALE OFF DRAWING. ALL DIMENSIONS TO BE CHECKED ON SITE.			
© - THIS DRAWING IS COPYRIGHT			

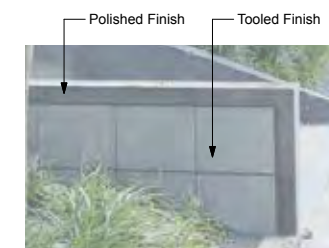


P1 Plan - Granite retaining walls
Scale: 1:20

Ensure Building Interface has been checked on site and finalised prior to placing orders



S1 Section 1
Scale: 1:20



Reference Image: Polished & Tooled Granite Finishes

- NOTES:**
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 2. Always work to noted dimensions.
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 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.

0 0.5 1.0
Scale Bar (m)

DESIGN INTENT ONLY

Foundations to engineers specification.
subject to approval of manufacturers drawings, all measurements to be checked on site prior to ordering and fabrication.

1. SOLID GRANITE RETAINING WALLS.

Material: Granite,
Colour: mid grey (Kobra)
Dimensions: 250mm deep x 738mm, 800mm, 8006 long, 1no. 400mm x 400mm L shaped special corner piece, 1no. 719/764mm tapered piece, 629mm high (unit size), 20mm bullnosed edge.

Allow for 6mm joints,
Jointing material: 6mm, Ottoseal S70, C1109 (night grey) Landscape Architect to inspect sample on site prior to installation. **F21 115B, F21 1120A**

Finish:
A: Fine tooled finish to front, back and one side. Polished finish to top and 100mm of front, back and one side.

B1: Fine tooled finish to front and back. Polished finish to top and 100mm of front and 150mm of back.

B2: Fine tooled finish to front and back. Polished finish to top and 100mm of front and 150mm of back.

B3: Fine tooled finish to front and back. Polished finish to top and side and 100mm of front and back.

C1: Fine tooled finish to front and back. Polished finish to top and side and 100mm of front and back.

C2: Fine tooled finish to front and back. Polished finish to top and 100mm of front and 150mm of back.

D: L - shape unit: Fine tooled finish to front and back. Polished finish to top and 100mm of front (inside) and 150mm of back (outside)

E: Fine tooled finish to front and back. Polished finish to top and 100mm of front and 150mm of back.

F: Fine tooled finish to front and back. Polished finish to top and 100mm of front and 150mm of back.

Fixing: secured with pins to concrete foundation - refer to engineer's details.

For further detail refer to specification clause **F21 115B**

2. Concrete foundation, subject to engineers detail.

3. Bedding mortar, 30mm thick, subject to engineers detail. **F21 115B**

4. Ballustrade - Refer to drawing **007535-PLA-XX-XX-DR-L-5002** for further details of handrails, balustrade and steps.

Revision	Date	Description	Drawn	Appr.
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Client CMFT/MSP

Project Citylabs 2.0
Manchester

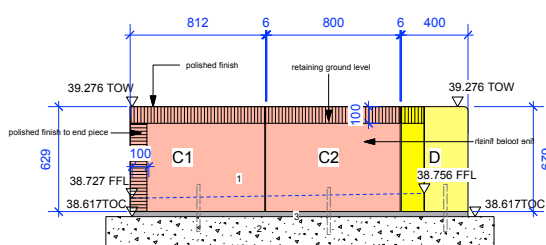
Drg Title Detail - Granite Retaining Wall

Created on 09.07.2019 Created by SAB Approved by AM

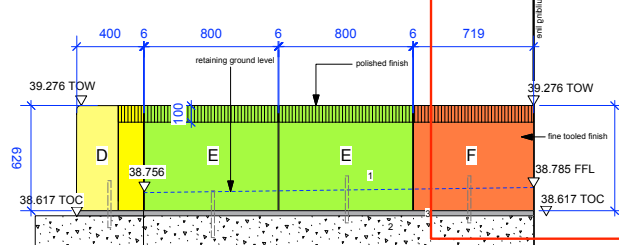
Scale 1:20 Size A1 Workstage Stage 5

Drg No. 007535-PLA-XX-XX-DR-L-5004 Suitability S4 Revision C01

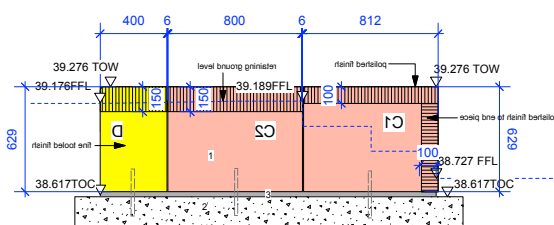
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E1 Elevation 1
Scale: 1:20

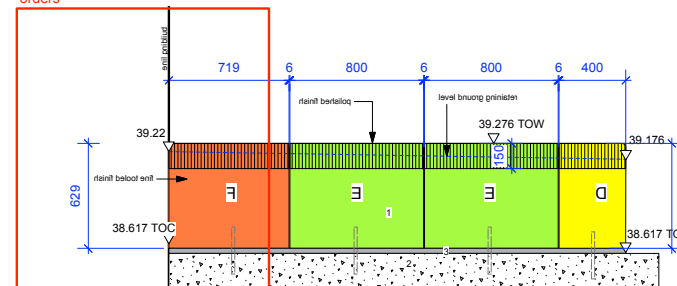


E2 Elevation 2
Scale: 1:20

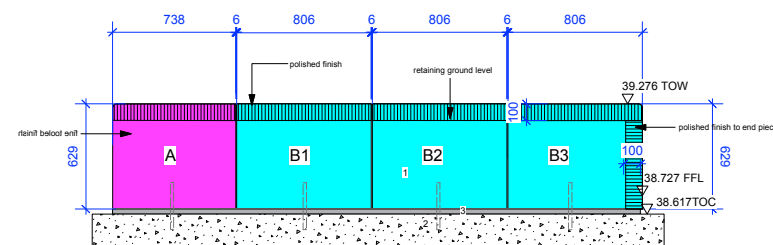


E4 Elevation 4
Scale: 1:20

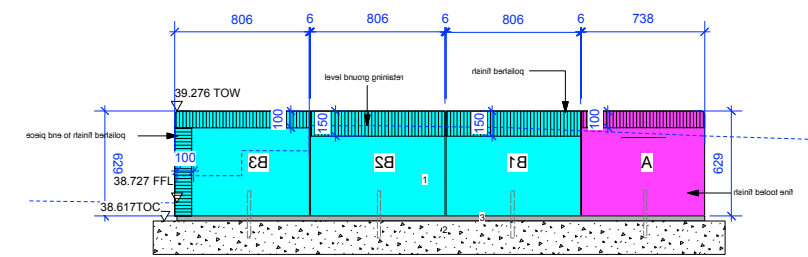
Ensure Building Interface has been checked on site and finalised prior to placing orders



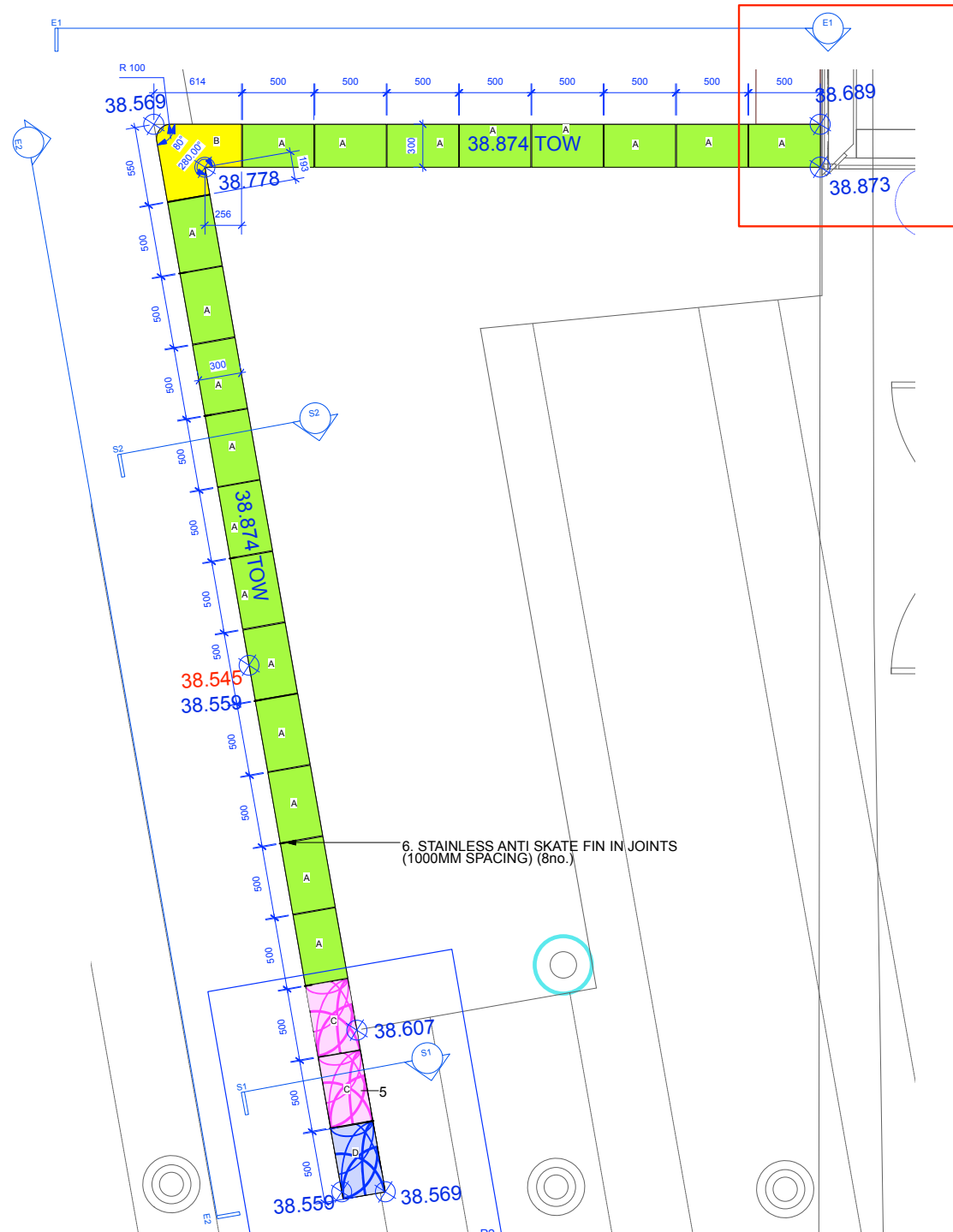
E5 Elevation 5
Scale: 1:20



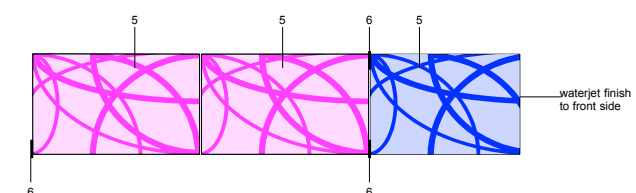
E3 Elevation 3
Scale: 1:20



E6 Elevation 6
Scale: 1:20

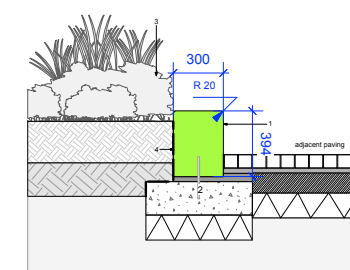


P1 Plan - Granite retaining edge
Scale: 1:20

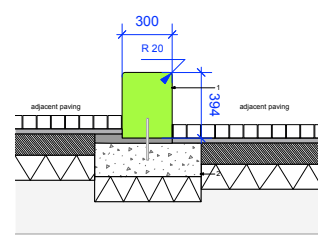


P2 Plan - Granite water jet finish detail
Scale: 1:10

Ensure Building Interface has been checked on site and finalised prior to placing orders

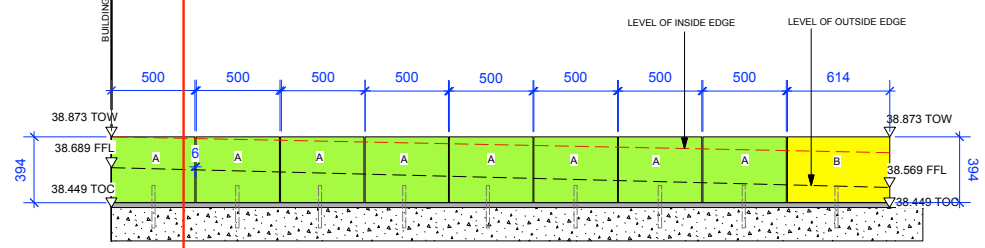


S2 Section 2 - Granite retaining edge
Scale: 1:20

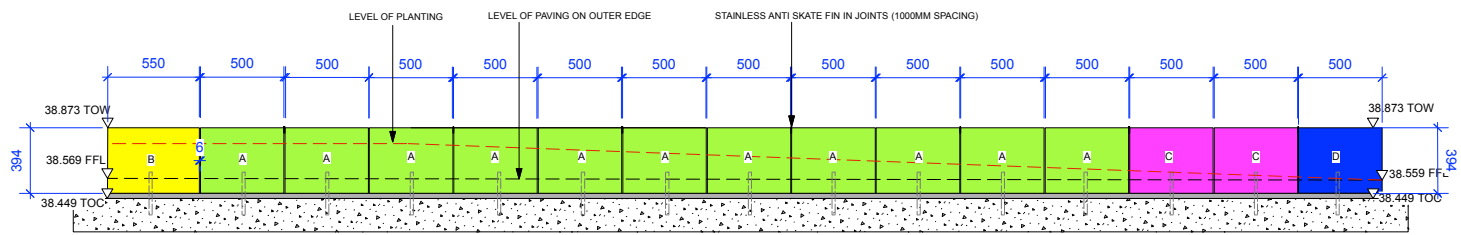


S1 Section 1 - Granite retaining edge
Scale: 1:20

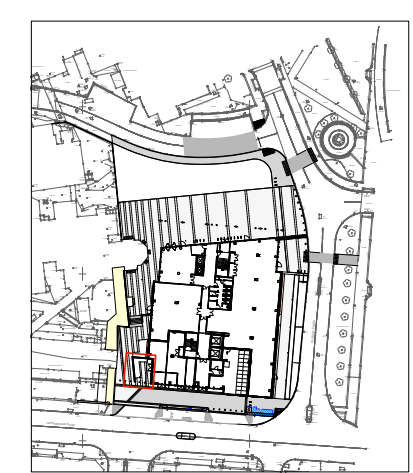
Ensure Building Interface has been checked on site and finalised prior to placing orders



E1 Elevation 1 - Granite retaining edge
Scale: 1:20



E2 Elevation 2 - Granite retaining edge
Scale: 1:20



Location Plan (scale 1:1000)

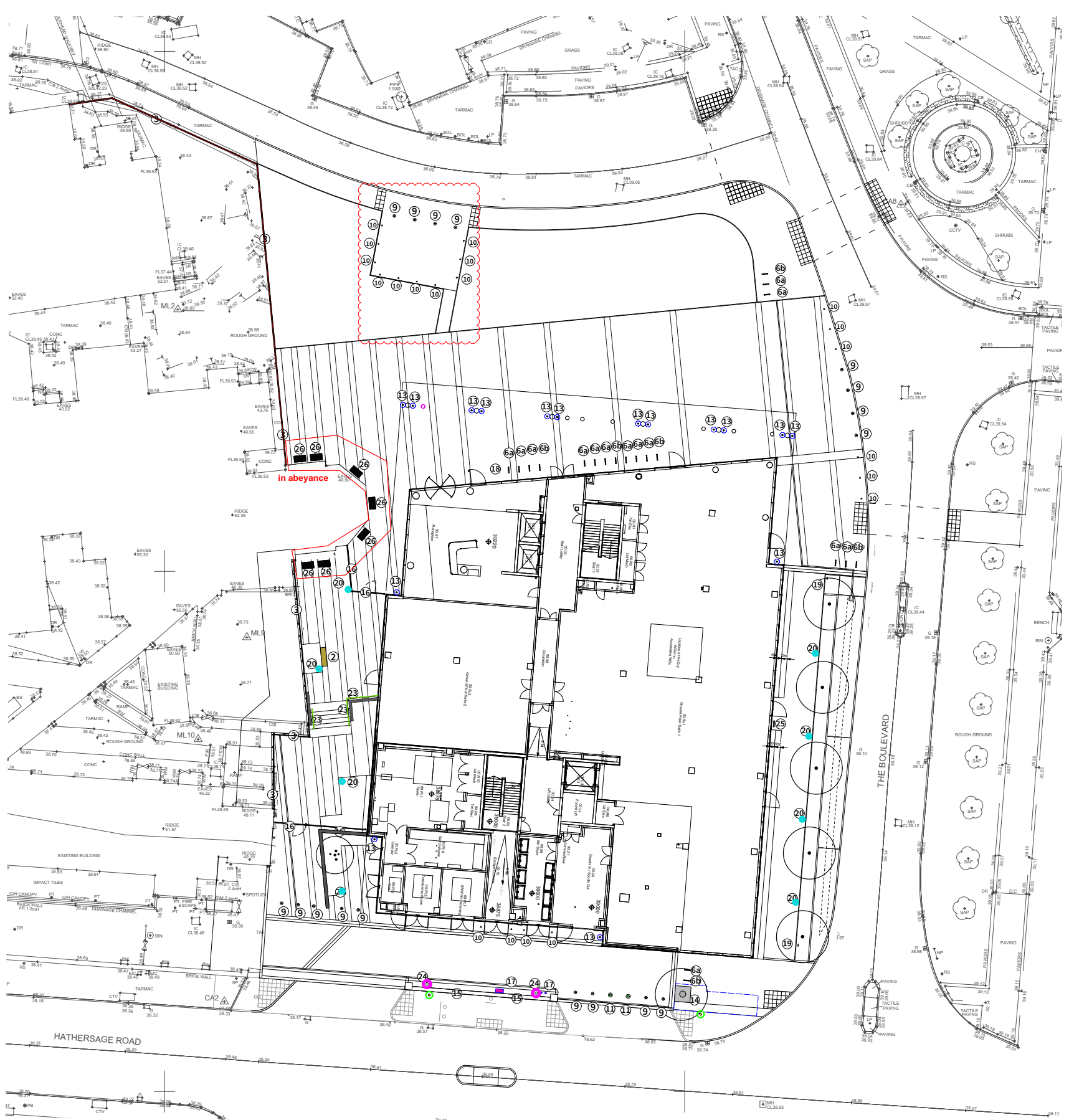
NOTES:
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5. The dimensions of all materials must be checked on site before being laid out.
6. This drawing must be read with the relevant specification clauses and detail drawings.
7. Order of construction and setting out to be agreed on site.

DESIGN INTENT ONLY

Foundations to engineers specification.
subject to approval of manufacturers drawings, all measurements to be checked on site prior to ordering and fabrication.

- 1: Solid Granite Retaining Walls.**
Material: Granite.
Colour: mid grey (Kobra)
Dimensions: 300mm wide, 394mm high (unit size). 20mm bullnosed edge.
Allow for 6mm joints and special corner pieces as drawn.
Finish: Picked or Waterjet finish as drawn.
A: Stadard unit. Picked finish to top, front and back.
B: Corner special unit with 100mm radii. Picked finish to top, front and back.
C: Waterjet to top, picked front and back
D: Waterjet to top, picked front, back and side of end unit.
F21/115A
- 2: Fixing:** secured with pins to concrete foundation - refer to engineer's details.
- 3: Planting** - refer to drawings
007535-PLA-XX-XX-DR-L-2002, 2003 and 6000
- 4: Waterproofing** layer and protective course. To back of wall at interfaces to planting. Applied as specified by engineer & supplier. **F21/115A**
- 5: Waterjet** finish to top of granite to units as indicated in Plan P1 (3 granite modules). Design to match facade detail on Citylabs 2.0.
- 6: Stainless steel anti-skate fins.** Fixed in joints at 1000mm spacing on sides adjacent to paving. Resin fixed: Diamond fix K+K Chemical anchor or similar and approved. **F21/115A**
- 7: RW Jointing material:** 6mm, Otoseal S70, C1109 (night grey) Landscape Architect to inspect sample on site prior to installation.
end unit.
F21/115A, F21/120A

S4, C01	11.07.2019	STAGE APPROVAL	SAB	AM
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 No. 8 Princes Parade, Princes Dock, Liverpool, L3 1DL T: 0151 705 6746				
Client	CMFT/MSP			
Project	Citylabs 2.0 Manchester			
Drq Title	Granite Retaining Wall			
Created on	Created by	Approved by		
09.07.2019	SAB	AM		
Scale	Size	Workstage		
1:20	A1	Stage 5		
Drq No.	Suitability	Revision		
007535-PLA-XX-XX-DR-L-5005	S4	C01		



SITE FURNITURE KEY

For site sections refer to drawings 007535-PLA-XX-XX-DR-L-3003/3004

- 2 Timber Seating
To Chapel Garden's Planter
Type: Bespoke timber seating with L shaped backrests to match St Mary's Pocket Square benches. Allow for 2 armrests
Dimensions: 1800mm x 565mm x 420-740mm
Material: stainless steel and Wood
Supplier: Woodscape (t:01254 685185) or similar and approved.
Refer to detail drawing - 007535-PLA-XX-XX-DR-L-7000
To specification clause Q50/221J
- 3 Timber Hoarding Fencing
To phasing interfaces
Height: 3 metres
Solid timber hoarding with graphic applied.
Graphic design subject to further detail and separate instruction from client.
Refer to detail drawing 007535-PLA-XX-XX-DR-L-7002
To specification clause Q40/430A
- 6 Cycle Stands
Key Bicycle Rack
Material: High-density polyurethane foam with interior structure of steel sections.
Colour:
6a - Integral Red (14no.)
6b - Black foam polyurethane body. (6no.)
Base is powder-painted grey cast aluminium.
Dimensions: HAG:800mm, H1500mm x L570mm x W70mm
Supplier: Santa and Cole (t:07596831942, e:federcio.buccellati@santacole.com)
Refer to detail drawing - 007535-PLA-XX-XX-DR-L-7001
To specification clause Q50/210J
- 9 Proposed Telescopic Bollards
to Hathersage Road and Boulevard
Refer to 007535-PLA-XX-XX-DR-L-8003 for full details and specification. To specification clause Q50/191J
- 10 Proposed Static Bollards
To specification clause Q50/192B
- 11 Proposed Power Operated Retractable Bollards
Refer to 007535-PLA-XX-XX-DR-L-8003 for full details and specification.
to Hathersage Road. To specification clause Q50/192J
- 14 Proposed DTS Tree Grille System
to Hathersage Road
Size: 1500mm x 1500mm square
Product Reference: Clyde
Material: grade 3006 Stainless Steel
Accessories: Roof Rain Precinct Inlet
Supplier: GreenBlue Urban or similar approved. 1.0800 018 7757
Refer to detail drawing 007535-PLA-XX-XX-DR-L-6001
To specification clause Q50/263J
- 16 Proposed temporary timber fencing/gates.
2m high pressure treated softwood timber fencing/gates. Vertical open slats - gaps maximum 20mm.
Accessories: Single door push latch (internally to Chapel Garden side) and outside lockable access lever.
Refer to detail drawing 007535-PLA-XX-XX-DR-L-7003
To specification clause Q40/431A
- 26 Proposed Steel Vents Grate
in abeyance, subject to further detail and heritage architects design. location and dimensions to be checked on site
- 17 Loading bay signage and access control accessories.
Refer to 007535-PLA-XX-XX-DR-L-6001 for full details and specification.
Height to fit below wall coping (approx 800mm above ground) Refer to 007535-PLA-XX-XX-DR-L-5003
To specification clause Q50/195
- 18 Proposed bollard for access control to building.
Refer to M&E engineer's specification.
- 19 Proposed swale information post
2 x Pole mounted information signs located each end of sale. Subject to further design. Allow for provisional sum.
Refer to detail drawing 007535-PLA-XX-XX-DR-L-70004
To specification clause Q50/371A
- 20 Proposed Lighting Bollard
refer to lighting engineers details,
Powder coated in RAL9006
- 23 Proposed Linear Lighting within handrails
refer to lighting engineers details.
- 13 Proposed Building uplighting
refer to lighting engineers details.
- 24 Proposed Feature Lighting Column
refer to lighting engineers details, Powder coated in RAL9006 or 9007
- 25 Lighting Feeder Pillar
subject to M&E engineers detail.
Colour: Powder Coated RAL 9006
- Lighting Column
outside site boundary, not included as part of the contract

- NOTES:
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 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.

NOTE:
Previous Drawing Number for Contract: PL1564-016

NOTE:
External wayfinding signage has been removed from phase 1.

S4, C03	20.09.19	STAGE APPROVAL	SAB	AM
S3, P02	05.09.19	REVIEW & COMMENT	SAB	AM
S4, C02	29.08.19	STAGE APPROVAL	AM	AM
S4, C01	11.07.19	STAGE APPROVAL	SAB	AM
P01	21.06.19	REVIEW & COMMENT	SAB	AM

Revision	Date	Description	Drawn	Appr.
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Client CMFT/MSP

Project Citylabs 2.0
Manchester

Drg Title Site Furniture Phase 1

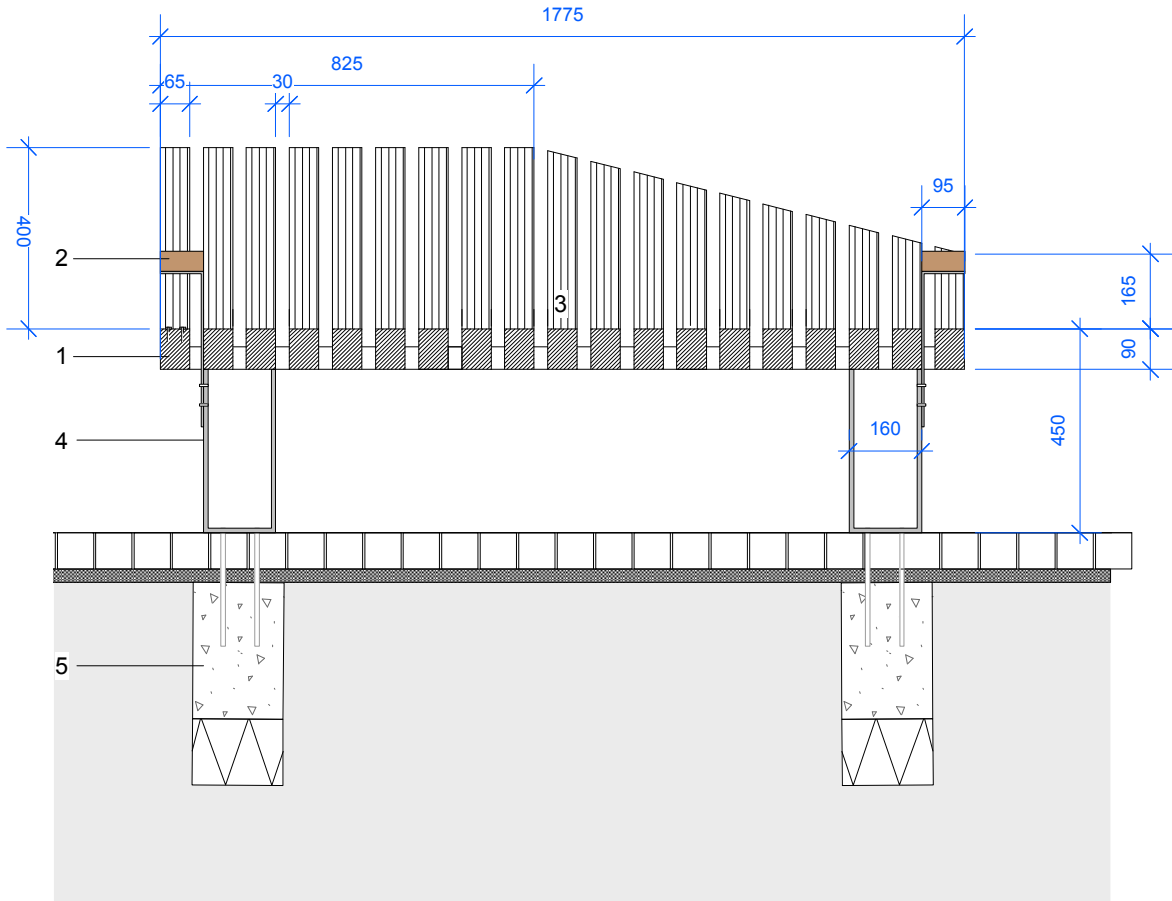
Created on 20.12.2016 Created by SAB/AM Approved by AM

Scale 1:200 Size A1 Workstage Stage 5

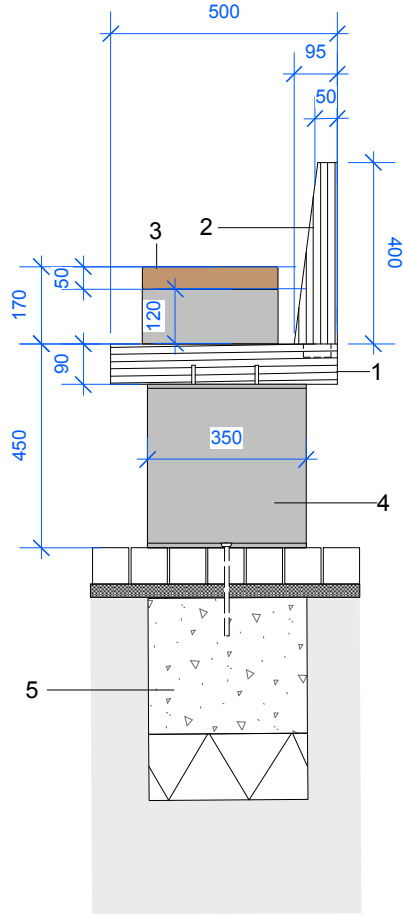
Drg No. 007535-PLA-XX-XX-DR-L-4000 Suitability S4 Revision C03

NOTE: Refer to drawing 007535-PLA-XX-XX-DR-L-4000 Site Furniture Phase 1 location of bench

Refer to specification clause Q50 221J



D1. Stand alone bench detail (to Chapel Gardens) - scale 1:15



D2. Stand alone bench section (to Chapel Gardens) - scale 1:15

1. Timber Bench top Slats - 90x65mm FSC hardwood certified timber 'Cumaru'. Slats on galvanised steel frame affixed to bench footing.

2. Tapering L-shaped backrests. FSC hardwood certified timber 'Cumaru'. (refer to precedent image)

3. Folded steel armrest with FSC hardwood certified timber 'Cumaru' top. Hot dip galvanised and powder coated. RAL 9007 Grey aluminium. Mechanically fixed to to bench footing. Tamper proof and counter sunk fixings to match frame.

4. Hot dip galvanised and powder coated bench footing. RAL 9007 Grey aluminium. Tamper proof and counter sunk fixings to match frame.

5. Concrete foundations to engineer's specification.

Supplier: Woodscape or equal approved. t.01254 685185.

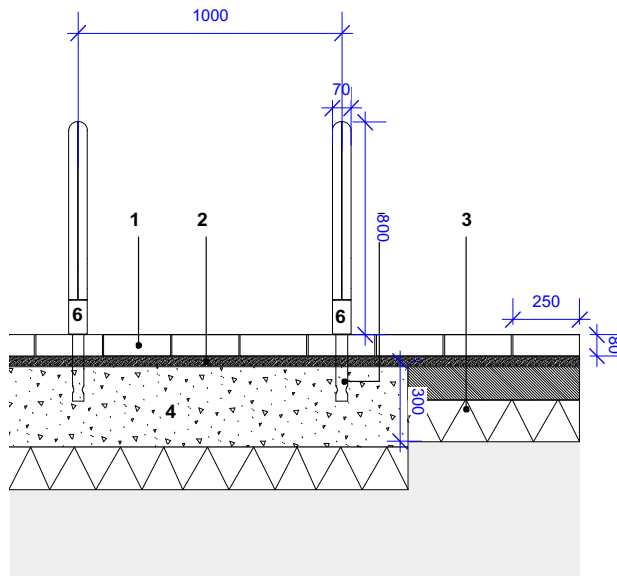
Timber bench tops - Precedent image



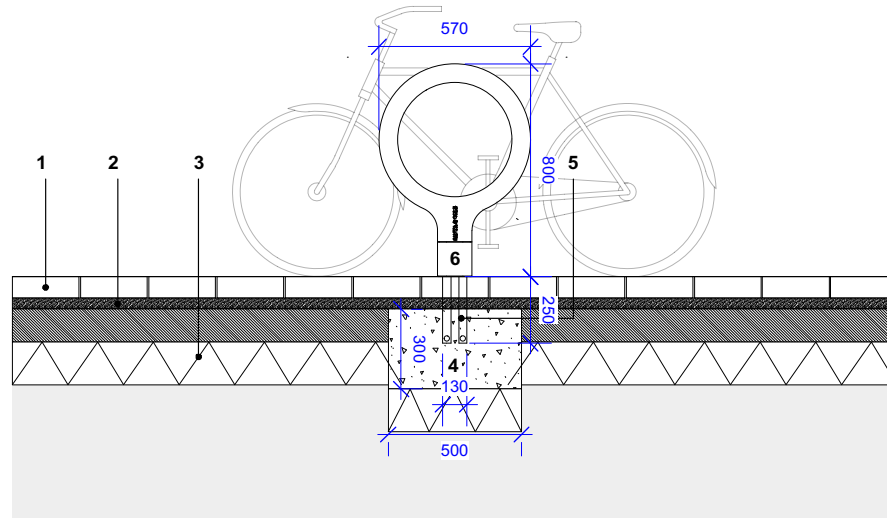
DESIGN INTENT ONLY

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

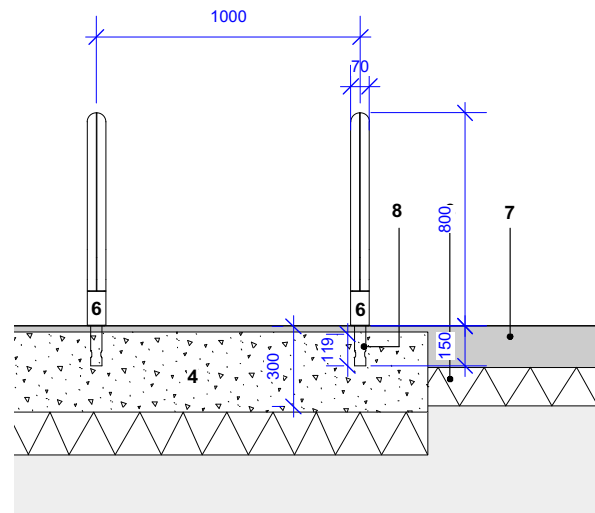
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NOTES:		1. Do not scale from this drawing. 2. Always work to noted dimensions. 3. All dimensions are in millimetres unless otherwise stated. 4. All setting out, levels and dimensions to be agreed on site. 5. The dimensions of all materials must be 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.	
NOTE:		Previous Drawing Number for Contract: PL1564-103	
S4, C01		11-07-19	
Revision		Date	
Description		Drawn	
Approv.		AM	
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T: 0151 363 1230		Client	
CMFT/MSP		Project	
Citylabs 2.0		Manchester	
Drg Title		Detail - Timber Bench	
Created on		Created by	
09.07.19		SAB	
Approved by		AM	
Scale		Size	
1:15		A3	
Workstage		Stage 5	
Drg No.		Suitability	
007535-PLA-XX-XX-DR-L-7000		S4	
Revision		C01	
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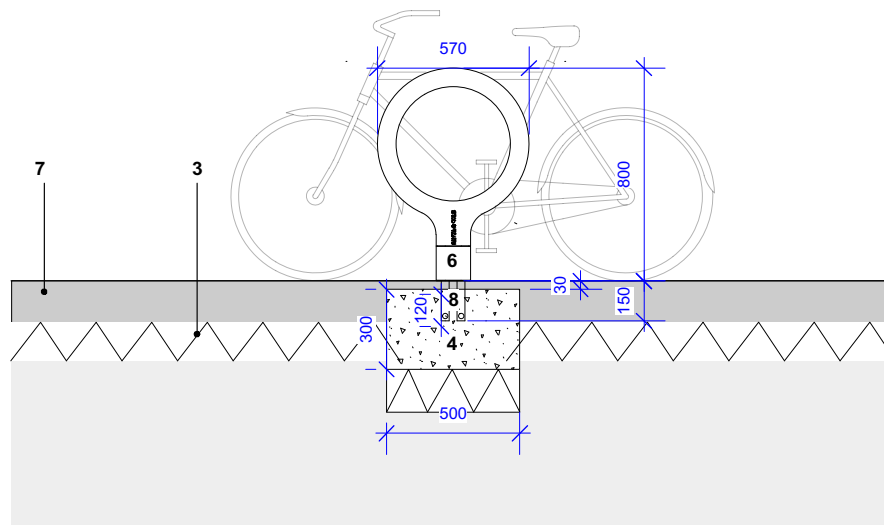
D1 Cycle stands in paving section 1
Scale 1:25



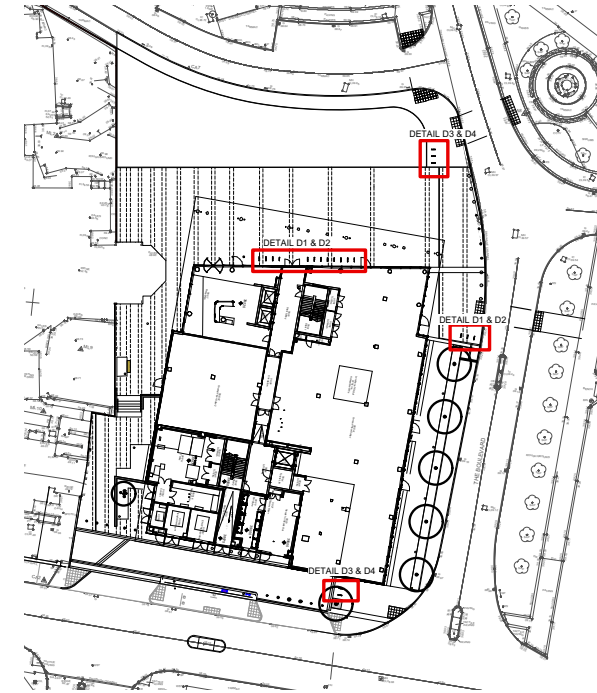
D2 Cycle stand in paving section 2
Scale 1:25



D3 Cycle stands in asphalt section 1
Scale 1:25



D4 Cycle stand in asphalt section 2
Scale 1:25



Location Plan (scale 1:1000)



Product Image - Illustrative Only

1. Proposed Concrete Aggregate Set Paving
to St Mary's Square and Chapel Gardens
Refer to drawing 007535-PLA-XX-XX-DR-L-5006

2. Bedding: Sharp sand to engineers specification. Jointing: Colour to match paving (grey). Submit proposals for approval.
Refer to drawing 007535-PLA-XX-XX-DR-L-5006

3. MoT Type 1 Sub-base Course to engineers specification.

4. Concrete strip foundation to engineers specification.

5. Bespoke Bicycle Rack Fixing: Embedded in the ground with two long fixing bolts L250mm, placed into holes filled with epoxy resin, quick setting cement or similar, within concrete foundation refer to engineers specification. To bike racks in paving. Refer to Clause Q50/210J. (15no.)

6. Key Bicycle Rack
Material: High-density polyurethane foam with interior structure of steel sections.
Colour:
6A Integral Red polyurethane body. (14no.)
6B Black foam polyurethane body. (6no.)
Base is powder-painted grey cast aluminum.
Dimensions: HAG:800mm, H1500mm x L570mm x W70mm
Supplier: Santa and Cole (t:07596831942, e:federico.buccellati@santacole.com)
Refer to Clause Q50/210J.

Refer to drawing **007535-PLA-XX-XX-DR-L-4000** for locations.

7. HRA bituminous tarmacadam, refer to engineers specification.

8. Normal sized fixing bolt for stands in tarmac surface (5no.)

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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 specification clause Q50/210J.

NOTE:
Previous Drawing Number for Contract: PL1564-104

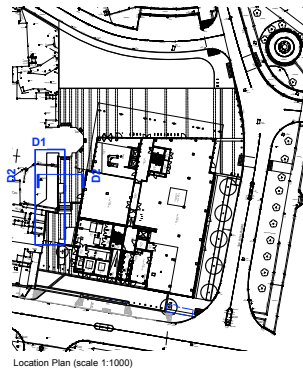
S4, C01	09-07-19	Stage Approval	SAB	AM
Revision	Date	Description	Drawn	Approved
Planit I.E. Limited E: info@planit-ie.com W: planit-ie.com MANCHESTER 2 Back Grafton St., Altrincham, WA14 1DY T: 0161 508 5581 LONDON Unit 6 Waterside, 44-48 Wharf Road, London, N1 7UX T: 0207 253 5678 LIVERPOOL Tompey 3.3, 12 Tithebarn Street, Liverpool, L2 2DT T: 0151 363 1230				
Client	CMFT/MSP			
Project	Citylabs 2.0 Manchester			
Drg Title	Detail - Cycle Stand			
Created on	09.07.19	Created by	SAB	Approved by AM
Scale	1:25	Size	A3	Workstage Stage 5
Drg No.	007535-PLA-XX-XX-DR-L-7001	Suitability	S4	Revision C01

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 5. The dimensions of all materials must be checked on site before being laid out.
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 7. Order of construction and setting out to be agreed on site.

NOTE:
Previous Drawing Number for Contract: PL1564-108



Key

- Overall length of fencing approximately 28m. Installed in 4 sections. Final Dimensions to be checked on site. Hoarding to be anti climb.
1. Timber Plywood Sheeting, EN636-2 18mm x 1200 x 3000 (for overall height refer to elevations drawn) Plywood sheets fixed to posts & rails with 4mm screws (50mm lg) @ 300 max centres. Graphic coating applied, subject to further detail and separate instruction from client. Allow for cutting of sheeting to fit site profile. Allow for minimal gap at bottom of sheeting to avoid contact with water/ground. [Q40/430A](#)
 2. Softwood Pressure Treated Timber Posts. 100mm square timbers, 4000mm long chamfered at top, 1000mm set in concrete foundation subject to engineers detail. Grade C24 [Q40/430A](#)
 3. Top and Bottom Capping Rail. [Q40/430A](#)
 4. Horizontal Rails. 3 x 75mm x 100mm @ 1200max'm vertical centres. Grade C24 [Q40/430A](#)
 5. Concrete haunching to engineers specification.
 6. Type 1 MOT or Type 3 MOT, to engineers specification
 7. PCC Pin Kerb, sacrificial kerb to Phase 2 interface. To be broken out in next phase of works. [Q10/110A](#)
 8. Temporary surface to make up level change from phase 1 to phase 2. Final material subject to further detail. To be discussed and agreed on site.
 9. Granite retaining wall. Refer to drawing [007535-PLA-XX-XX-DR-L-5004](#) for further detail.

S4, C01 18-07-19 Stage Approval AM AM

Revision	Date	Description	Drawn	Appr'd.
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Client CMFT/MSP

Project Citylabs 2.0
Manchester

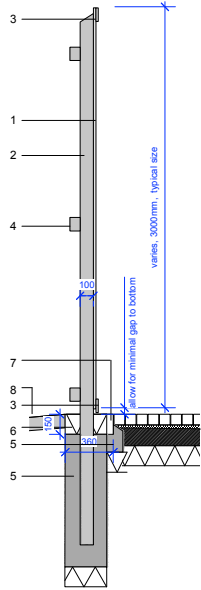
Drg Title Detail - Timber Hoarding Fencing

Created on 18.07.2019 Created by AM Approved by AM

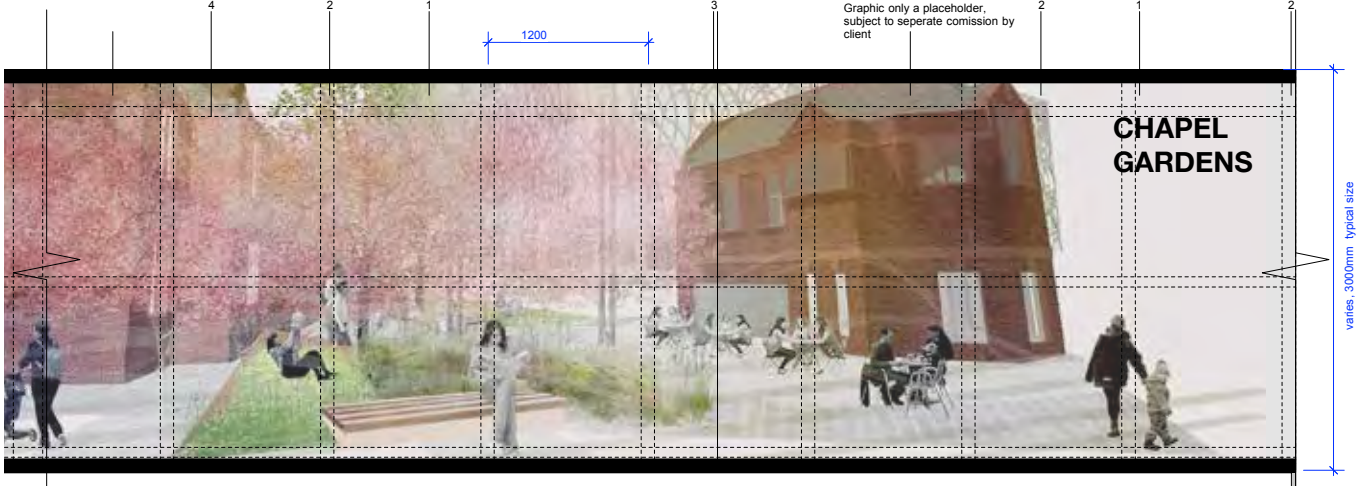
Scale 1:25, 1:50 Size A1 Workstage Stage 5

Drg No. 007535-PLA-XX-XX-DR-L-7002 Suitability S4 Revision C01

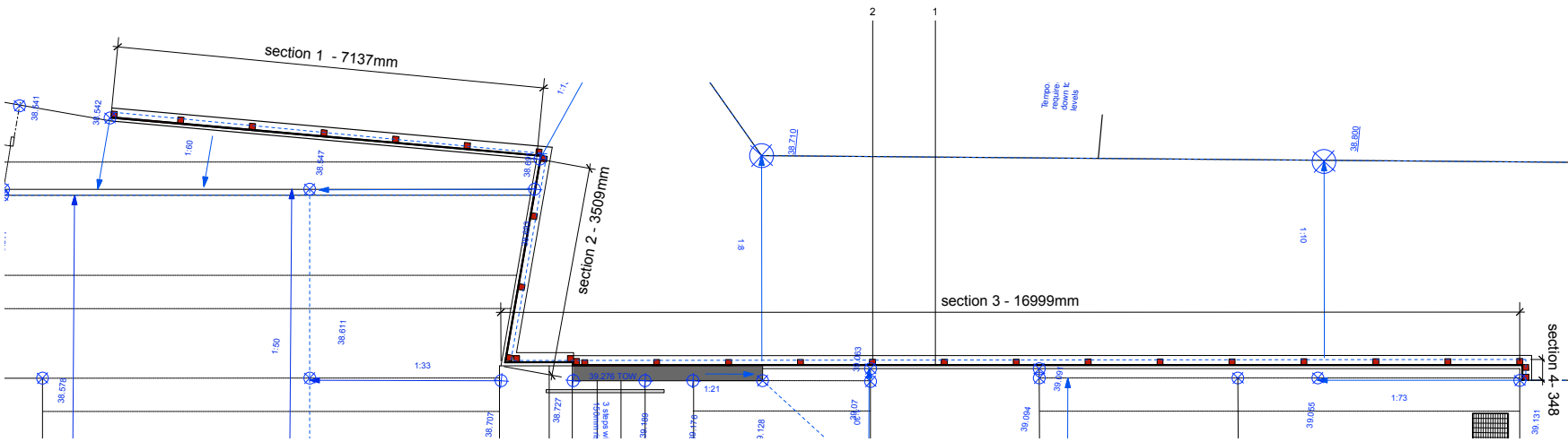
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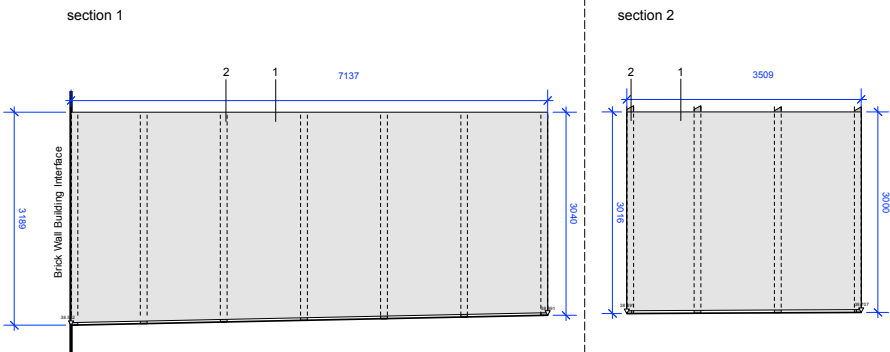
D1 Timber Hoarding Fencing to Chapel Gardens temporary interface
Section S1 - Scale 1:25



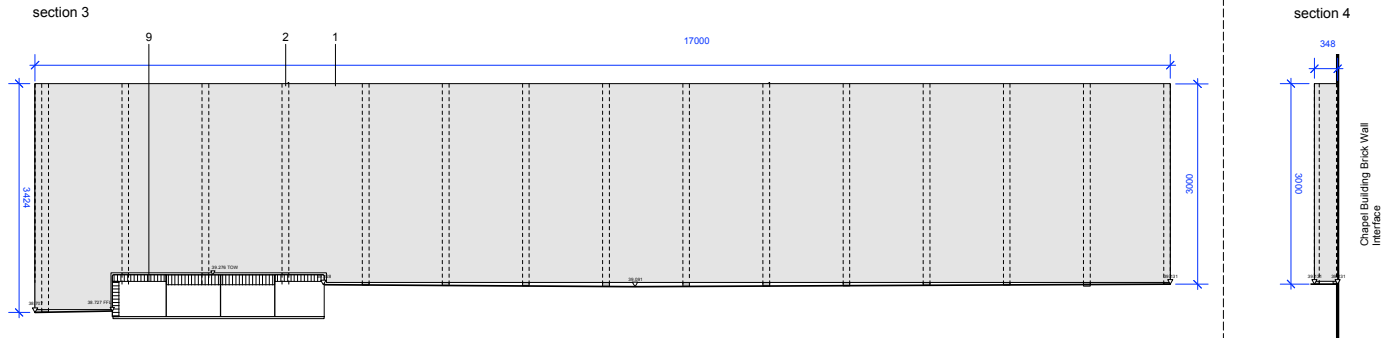
D2 Typical Timber Hoarding Fencing to Chapel Gardens temporary interface
Elevation - Scale 1:25

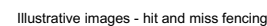
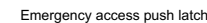
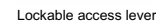
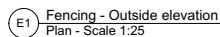
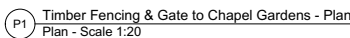


D3 Timber Hoarding Fencing to Chapel Gardens temporary interface
Plan - Scale 1:50



D4 Timber Hoarding Fencing to Chapel Gardens temporary interface
Elevation - Scale 1:50





KEY

1. Slotted Fencepost

1. Slotted Fencepost
 Material: High pressure treated softwood timber
 Size: 100mmx100mmx2700mm
 Aperture - 54mm wide x 25mm deep slot is to allow a clearance of 50mm
 Finish: planed all round
 Use countersunk, stainless steel fixings.
 Include special corner post where required
 Supplier: Jackson's Fencing or equal approved.
 Refer to specification clause [Q40/330A](#)

2. Single leaf swing gate

2. Single leaf swing gate
Material: High pressure treated softwood timber. Clad to match adjacent fencing.
Size: 1200mm (W) x 1920mm (H) (allow for a minimum 50m clearance of ground)
Finish: planed all round
Use countersunk, stainless steel fixings.
Supplier: Jackson's Fencing or equal approved.
Refer to specification clause [Q40/570A](#)

3. Steel T hinges

3. Steel T hinges
Material: Stainless steel
To include countersunk and tamper proof fixings.
Engineer to confirm loading requirement.
Refer to specification clause [Q40/570A](#)

4. Lockable access lever

4. Lockable access lever
Mounted to gate to manufacturer's recommendations..
Product: Briton 1413.LE.SE Outside Access Device - Lever
(ref 488700)
Seek client approval for lock prior to placing an order.
Supplier: Ironmongery direct or similar and approved.
Refer to specification clause [Q40/570A](#)

5. Hit and miss timber fence panels

5. Hit and miss timber fence panels
 Material: High pressure treated softwood timber
 Size: 50mmx25mm timber fixed to 100mmx50mm rails. 20mm gaps.
 Finish: planed all round
 Use countersunk, stainless steel fixings.
 Supplier: Jackson's Fencing or equal approved.
 Refer to specification clause [C40/330A](#)

6. Emergency exit push latch

Mounted to gate to manufacturer's recommendations.
Product: Briton 1438E Single Door Push Pad Latch (ref 515762)
Supplier: Ironmongery direct or similar and approved.
Seek client approval for lock prior to placing an order.
Refer to specification clause [Q40/570A](#)

7. Lock keep

7. Lock keep
Mounted to fence post to manufacturer's recommendations. Zinc plated.
Seek client approval for lock prior to placing an order.
Refer to specification clause [Q40/570A](#)

8. Post Foundations

8. Post Foundations
To engineer's specification.
Refer to specification clause [Q40/570A](#)

S4, C02	20-08-19	Construction	SAB	AM
S4, C01	14-08-19	Construction	SAB	AM
Revision	Date	Description	Drawn	Apprvd.



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Client	CMFT/MSP
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Client	CMFT/MSP
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Project	Citylabs 2.0
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Project	Citylabs 2.0
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Drg Title Detail - Timber Fencing & Gates 1

Created on	Created by	Approved by
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Created on	Created by	Approved by
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Scale	Size	Workstage
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Scale	Size	Workstage
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Drg No.	Suitability	Revision
007535-PLA-XX-XX-DR-L-7003	S4	C02

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