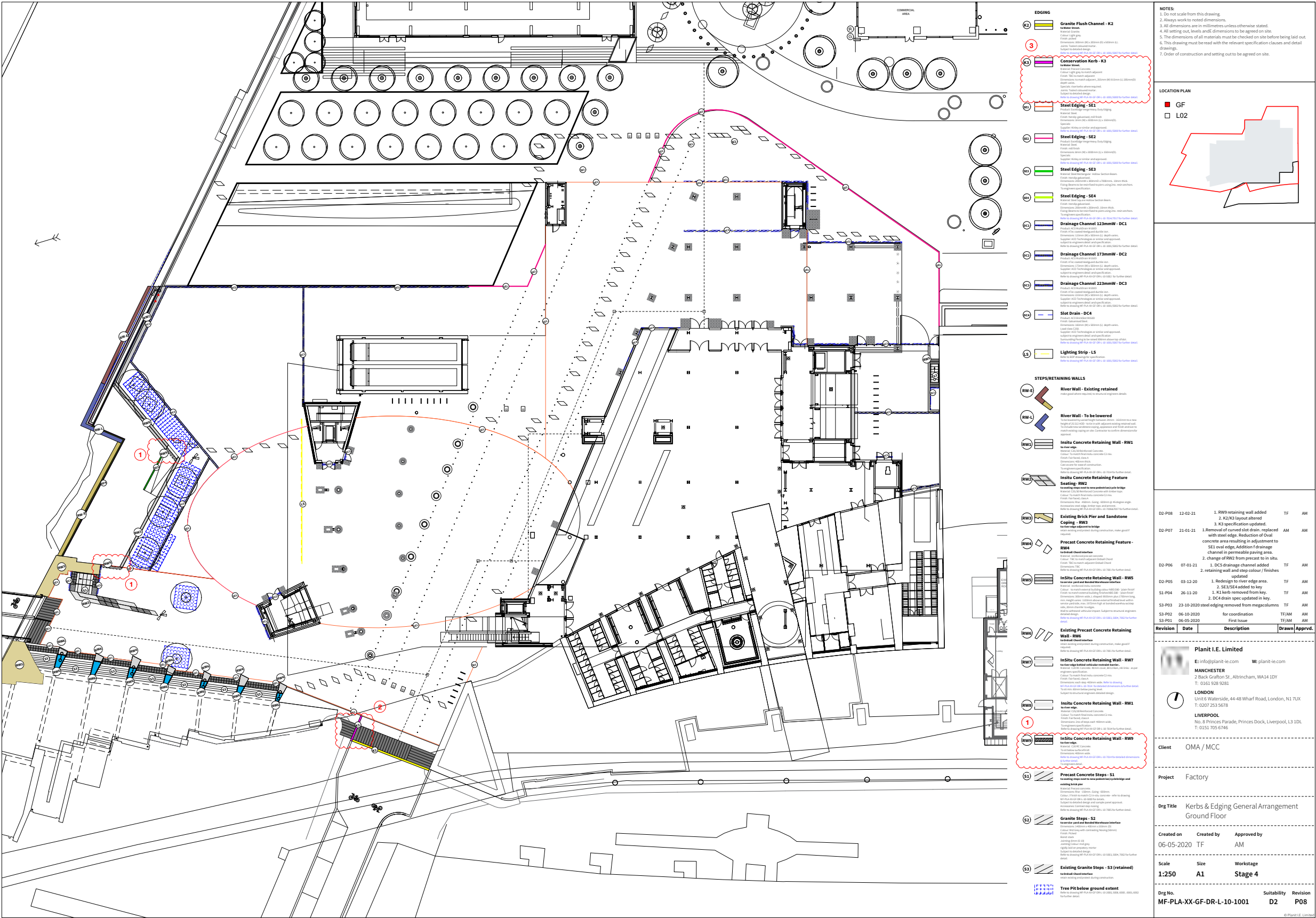
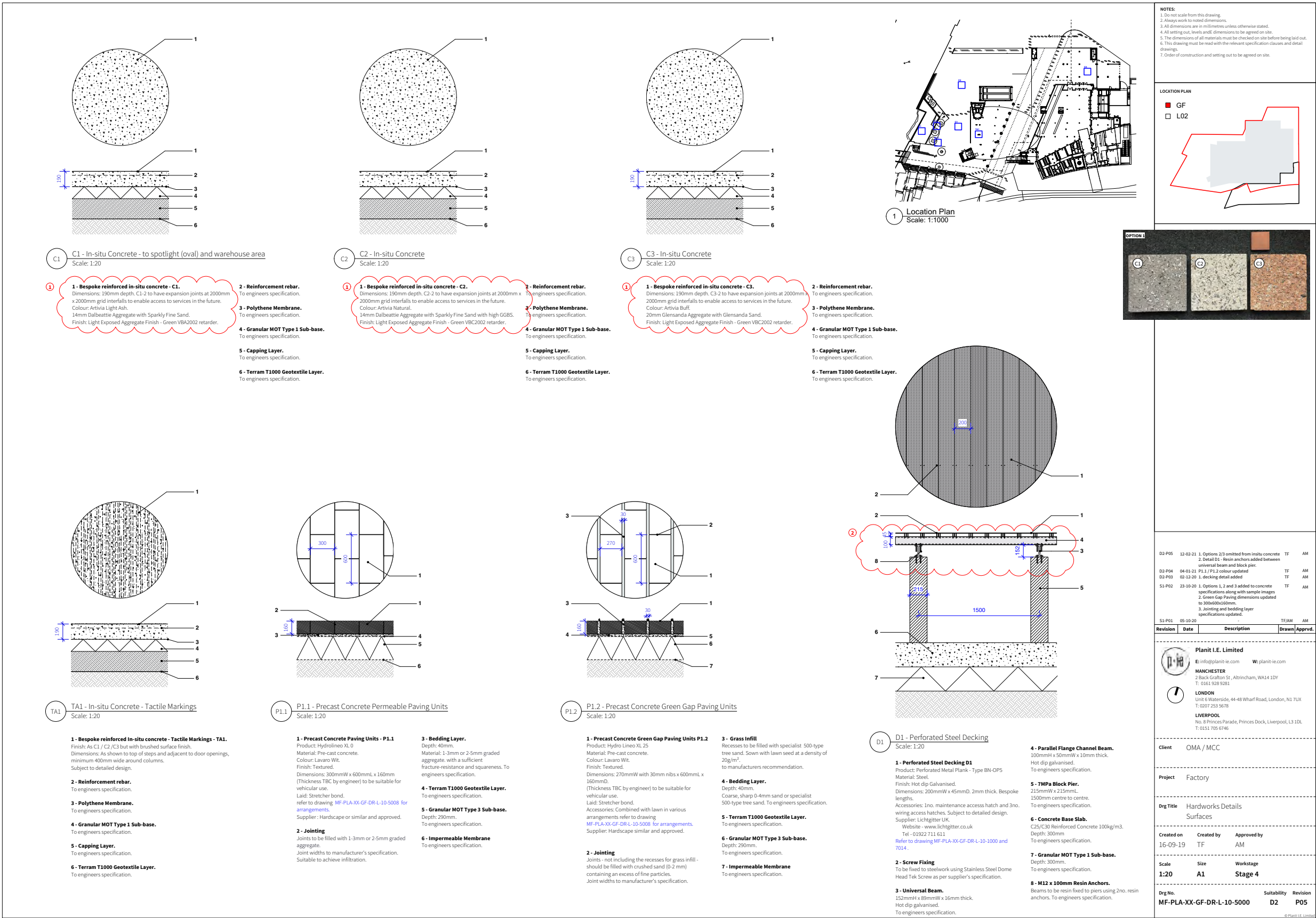
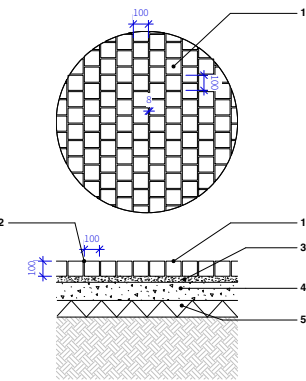








D1-P05	12-03-21	1. Options 2/3 omitted from insitu concrete 2. Detail D1 - Resin anchors added between universal beam and block pier.	TF	AM
D2-P04	04-01-21	P1.1 / P1.2 colour updated	TF	AM
D2-P03	02-12-20	1. decking detail added	TF	AM
S1-P02	23-10-20	1. Options 1, 2 and 3 added to concrete specifications along with sample images 2. Green Gap Paving dimensions updated to 300x600x160mm. 3. Jointing and bedding layer specifications updated.	TF	AM
S1-P01	05-10-20	-	TEAM	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	OMA / MCC			
Project	Factory			
Drg Title	Hardworks Details Surfaces			
Created on	16-09-19	Created by	TF	Approved by
Scale	1:20	Size	A1	Workstage
		Stage 4		
Drg No.	MF-PLA-XX-GF-DR-L-10-5000		Suitability	Revision
		D2		P05



P2a/P9a - Yorkstone/Granite Setts paving Units - Pedestrian Areas
Scale: 1:20

1 - Yorkstone Setts Paving Units (Stock Material) - P2
Material: Sandstone setts.
Colour: Natural.
Finish: Sawn.
Dimensions: 100mmH x 100mmW x 100mmD.
Bond: Random stretcher bond.
Subject to detailed design.

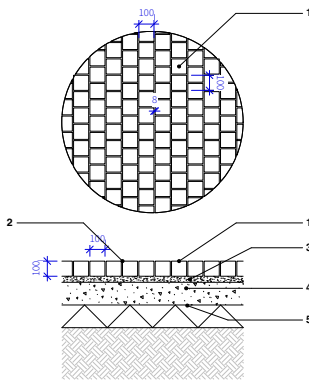
Granite Setts Paving Units (Stock Material) - P9.
Material: Granite
Colour: Tritanial - black
Finish: Sawn.
Dimensions: 100mmL x 100mmW x 100mmD.
Joint width: 8mm.
Bond: Random stack bond. Laid to engineers specification.

2 - Jointing
Rigid specialist jointing mortar.
Joint width: 8mm (6-10) to BS7533
Colour subject to LA approval.
Supplier: Steintec or similar and approved.

3 - Bedding Course.
Rigid specialist bedding mortar.
Supplier: Steintec or similar and approved.
to engineer specification.

4 - PQC (C32/40) - See engineers specification.
Depth: 120mm.
To engineers specification.

5 - Granular MOT Type 1 Sub-base.
Depth: 110mm
To engineers specification.



P2b/P9b - Yorkstone/Granite Setts paving Units - Vehicular Areas
Scale: 1:20

1 - Yorkstone Setts Paving Units (Stock Material) - P2
Material: Sandstone setts.
Colour: Natural.
Finish: Sawn.
Dimensions: 100mmH x 100mmW x 100mmD.
Joint width: 8mm (laid to engineers specification).
Bond: Random stretcher bond.
Subject to detailed design.

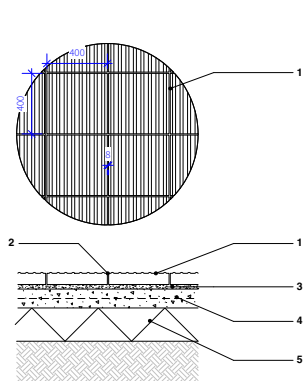
Granite Setts Paving Units (Stock Material) - P9.
Material: Granite
Colour: Tritanial - black
Finish: Sawn.
Dimensions: 100mmL x 100mmW x 100mmD.
Joint width: 8mm.
Bond: Random stack bond. Laid to engineers specification.

2 - Jointing
Rigid specialist jointing mortar.
Joint width: 8mm (6-10) to BS7533
Colour subject to LA approval.
Supplier: Steintec or similar and approved.

3 - Bedding Course.
Rigid specialist bedding mortar.
Supplier: Steintec or similar and approved.
to engineer specification.

4 - PQC (C32/40) - See engineers specification.
Depth: 150mm.
To engineers specification.

5 - Granular MOT Type 1 Sub-base.
To engineers specification.



TA2 - Corduroy Tactile Paving Units (moderate traffic)
Scale: 1:20

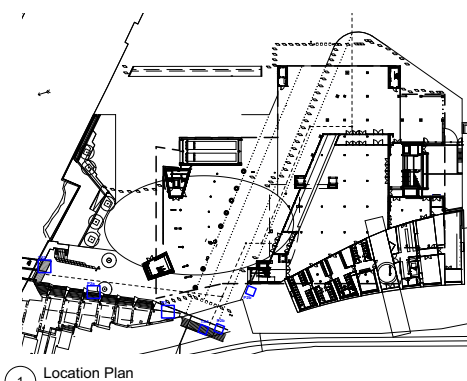
1 - TA2 - Tactile Paving
Material: Granite.
Colour: Black.
Dimensions: 400mm x 400mm x 80mm (suitable for moderate traffic).
Joint Width: 8mm.
Laid: Stack bond, 6 rows to cycle and pedestrian access routes.
Laid to engineers specification.

2 - Jointing
Rigid specialist jointing mortar.
Joint width: 8mm (6-10) to BS7533
Colour subject to LA approval.
Supplier: Steintec or similar and approved.

3 - Bedding Course.
Rigid specialist bedding mortar.
Supplier: Steintec or similar and approved.
to engineer specification.

4 - Concrete Base
Depth: 125mm.
To engineers specification.

5 - Granular MOT Type 1 Sub-base
Depth: 220mm.
To engineers specification.

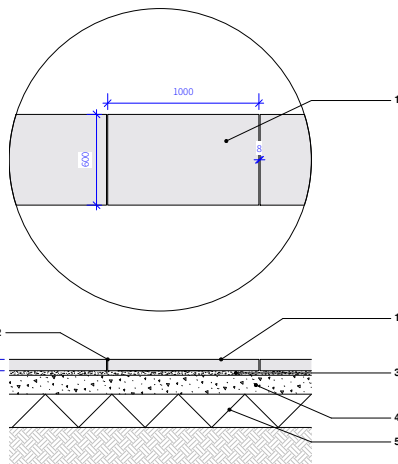
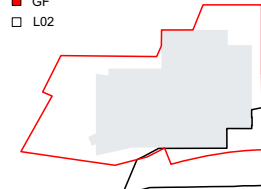


1 Location Plan
Scale: 1:1000

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

GF
L02



P8 - Granite Flag Paving Units (Stock Material)
Scale: 1:20

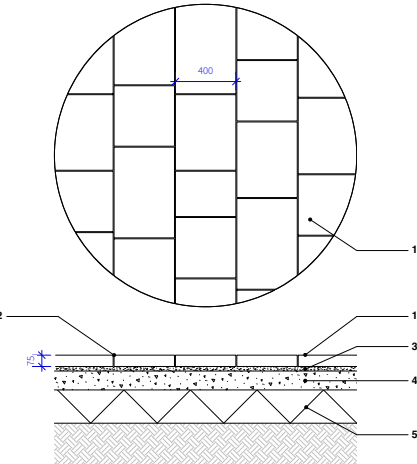
1 - P8 - Granite Flags (stock material)
Material: granite
Colour: Tritanial - black
Finish: Sawn.
Dimensions: 1000mmL x 600mmW x 75mmD.
Bond: Random stack bond.

2 - Jointing
Rigid specialist jointing mortar.
Joint width: 8mm (6-10) to BS7533
Colour subject to LA approval.
Supplier: Steintec or similar and approved.

3 - Bedding Course.
Rigid specialist bedding mortar.
Supplier: Steintec or similar and approved.
to engineer specification.

4 - Concrete Base
Depth: 125mm
To engineers specification.

5 - Granular MOT Type 1 Sub-base
Depth: 220mm.
To engineers specification.



P3 - Yorkstone Flag Paving (Partly Stock Material)
Scale: 1:20

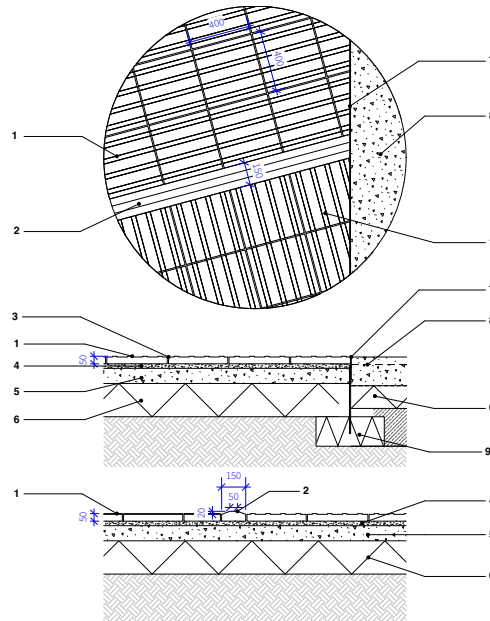
1 - Yorkstone Flag Paving P3
Material: sandstone setts.
Colour: Natural.
Finish: Sawn.
Dimensions: 400mm x RL x 75mmD.
Bond: Random stack bond.

2 - Jointing
Rigid specialist jointing mortar.
Joint width: 8mm (6-10) to BS7533
Colour subject to LA approval.
Supplier: Steintec or similar and approved.
Joint widths to engineer specification.

3 - Bedding Course.
Rigid specialist bedding mortar.
Supplier: Steintec or similar and approved.
to engineer specification.

4 - Concrete Base
Depth: 125mm
To engineers specification.

5 - Granular MOT Type 1 Sub-base
Depth: 220mm
To engineers specification.



TA4 - Corduroy Tactile Paving Units - Pedestrian Areas
Scale: 1:20

1 - TA4 - Tactile Paving
Material: Pre-cast concrete paving with built in hazardous strips
Colour: Black.
Dimensions: 400mm x 400mm x 50mmD.
Include oversized units to avoid making small cuts to edge units.
Joint Width: 8mm.
Laid: Stack bond, 6 rows to end of cycle and pedestrian bridge.
Laid to engineers specification.

2 - Raised 'Tramline' separation strip.
Dimensions: 150mmW x 400mmL x 70mmH (20mm raised above ground).

3 - Jointing
Rigid specialist jointing mortar.
Joint width: 8mm (6-10) to BS7533
Colour subject to LA approval.
Supplier: Steintec or similar and approved.

4 - Bedding Course.
Rigid specialist bedding mortar.
Supplier: Steintec or similar and approved.
to engineers specification.

5 - Concrete Base
Depth: 100mm.
To engineers specification.

6 - Granular MOT Type 1 Sub-base
Depth: 220mm.
To engineers specification.

7 - Bespoke Steel Edge - SE1.
Refer to drawing MF-PLA-XX-GF-DR-L-10-5000 for specification.

8 - C2 Bespoke reinforced in-situ concrete.
Refer to MF-PLA-XX-GF-DR-L-10-5000 for detail.

9 - Granular MOT Type 1 Sub-base
To engineers specification.

D2-P03	04-12-20	for tender	TF	AM
S1-P03	28-10-20	1. Base course depth and spec amended as per engineers drawings.	TF	AM
S1-P02	23-10-20	2. P8 split into P8a and P8b.	TF/AM	AM
S1-P01	05-10-20	Jointing and bedding layer specifications updated on all details.	TF/AM	AM

Revision	Date	Description	Drawn	Apprvd.
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Client OMA / MCC

Project Factory

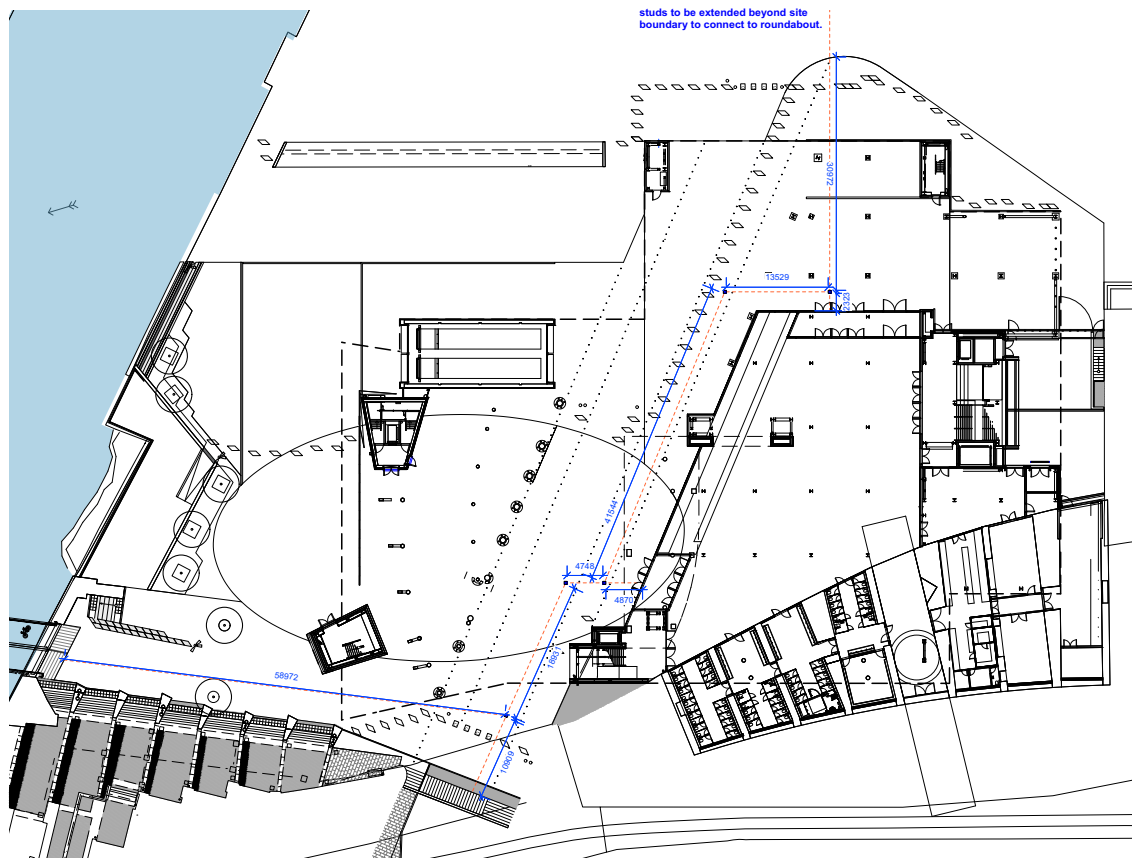
Drg Title Hardworks Details
Surfaces

Created on 16-09-19 Created by TF Approved by AM

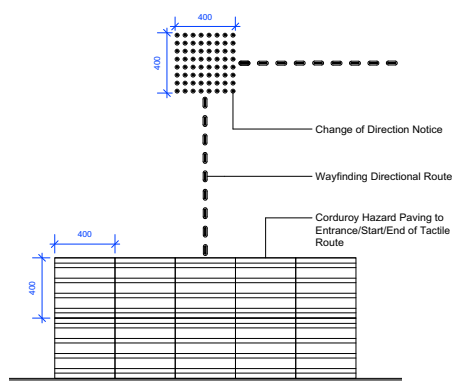
Scale 1:20 Size A1 Workstage Stage 4

Drg No. MF-PLA-XX-GF-DR-L-10-5001 Suitability D2 Revision P03





1 Wayfinding Location Plan
Scale: 1:400



2 Typical Tactile Stud Layout
Scale: 1:20

Above is the guidance system commonly used within mainland Europe and Scandinavia, legislative requirement for all new build schemes.



3 Wayfinding Directional Route - Detail Option 1
Scale: 1:10



4 Wayfinding Directional Route - Detail Option 2
Scale: 1:10



5 Wayfinding Directional Route - Detail Option 3
Scale: 1:10



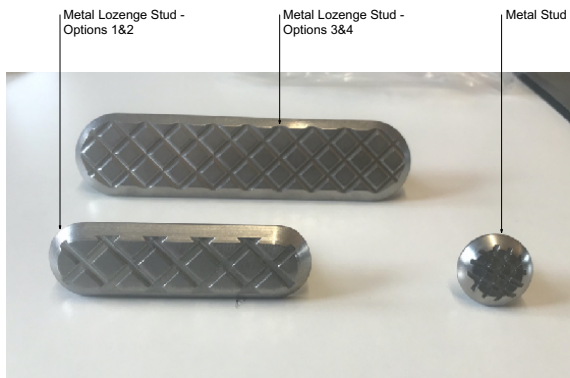
6 Wayfinding Directional Route - Detail Option 4
Scale: 1:10



7 Material Option 1 - Metal Studs
in Stainless Steel



8 Material Option 2 - Paving Finish
Tactile Blister Paving Unit

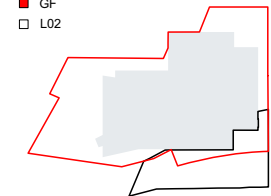


9 Material Option 1 - Metal Studs
Stainless steel

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

LOCATION PLAN

GF
L02



KEY

1. Way Finding Directional Route

Metal Lozenge Studs
Material: Stainless Steel
Product: Cross Grip Lozenge

Option 1: Dimensions: 80mm x 25mm tactile studs, 4-5mm upstand, with a 10mm spacing between individual studs
Option 2: Dimensions: 80mm x 25mm tactile studs, 4-5mm upstand, with a 50mm spacing between individual studs
Option 3: Dimensions: 380mm x 35mm tactile studs, 4-5mm upstand, with a 10mm spacing between individual studs
Option 4: Dimensions: 380mm x 35mm tactile studs, 4-5mm upstand, with a 50mm spacing between individual studs

Supplier: tactile paving services
Mobile: 07779 442180
Email: steve@tactilepaving.co.uk

All options to be costed separately and Option 1 used for cost plan at the moment with the option of VE to Options 2,3 or 4 if suitable.
We propose that a test area is installed on site to establish effectiveness of all options. Increased spacing might create loss of connection and lead to confusion. We feel all options might be within the acceptable range but this should be tested by a cane user group.

2. Change in Direction Notice

Metal studs
Material: stainless steel
Product: Cross Grip Stud
Dimensions: 400mm x 400mm square, with round 25mm tactile studs, upstand 4-5mm, 75mm apart from centre line.
Supplier: tactile paving services
Mobile: 07779 442180
Email: steve@tactilepaving.co.uk

D2-P01 04-12-20 for tender TF AM
S2-P01 2020.10.06 TF AM

Revision	Date	Description	Drawn	Apprv.
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Client OMA / MCC

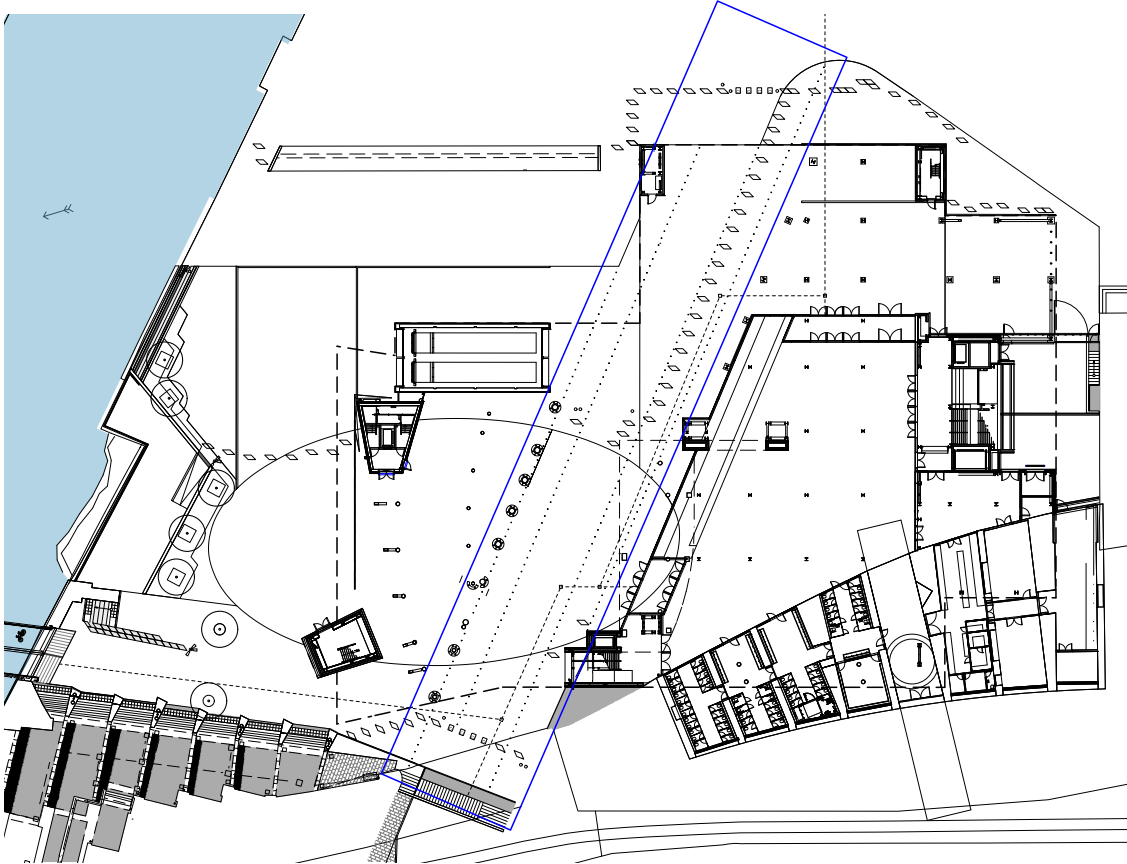
Project Factory

Drg Title Typical Hardworks Details
Wayfinding Paving

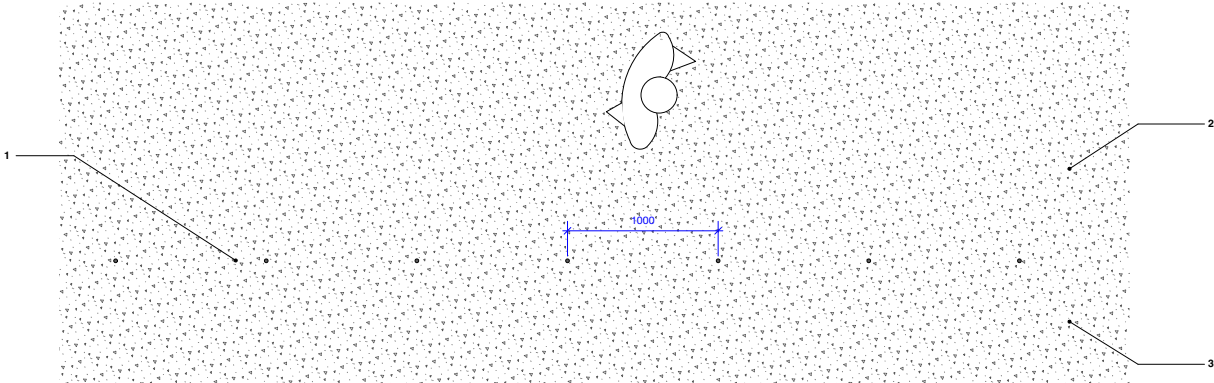
Created on 23-03-20 Created by TF Approved by AM

Scale 1:100 Size A1 Workstage Stage 4

Drg No. MF-PLA-XX-GF-DR-L-10-5005 Suitability D2 Revision P01



1 Demarcation Studs Location Plan
Scale: 1:400

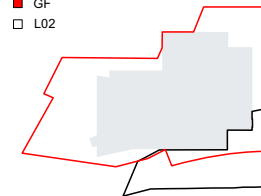


2 Demarcation Studs Detail Plan
Scale: 1:20

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.

LOCATION PLAN

■ GF
□ L02



KEY

1 - Demarcation Studs

To demarcate the highway land and private land as well as historic kerbline.
To be 25mm diam, low domed non-trip shaped, slip resistant, with one pin each resin fixed into insitu concrete.
Stainless Steel,
At 1000mm c/s distance.

Supplier: tactile paving services
Mobile: 07779 442180/01535 500902
Email: steve@tactilepaving.co.uk
or equal and approved.

Contractor to submit samples to landscape architect prior to ordering.

Fixing method for all studs:
interface with paving: neat core drilled holes at minimum visible diameter. Threaded bar to be cast in with suitable resin fixing.
In accordance with supplier's recommendation.

NOTE:

All studs to be stainless steel, 316 grade, without trip hazards and to be slip resistant through circular texture or engraved MIF logo. Provide costs for both.

2 - Highway Land (MCC)

C1/C2 - In-situ Concrete

3 - Private Land (MIF/ALLIED LONDON)

C1/C2 - In-situ Concrete

D2-P01	04-12-20	for tender	TF	AM
S1-P01	25-11-20	for coordination	TF	AM
S1-P01	06-10-20	first issue	TF	AM

Revision	Date	Description	Drawn	Apprvd.
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Client OMA / MCC

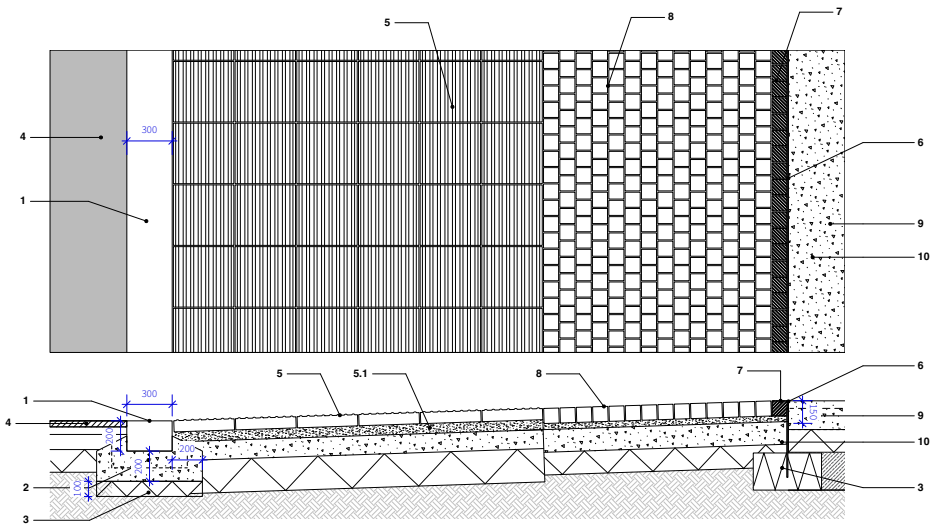
Project Factory

Drg Title Typical Hardworks Details
Highway Demarcation

Created on 23-03-20 Created by TF Approved by AM

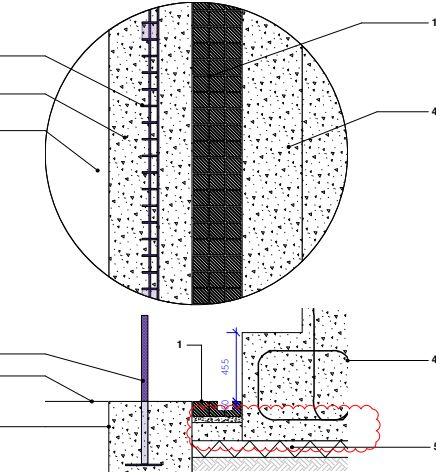
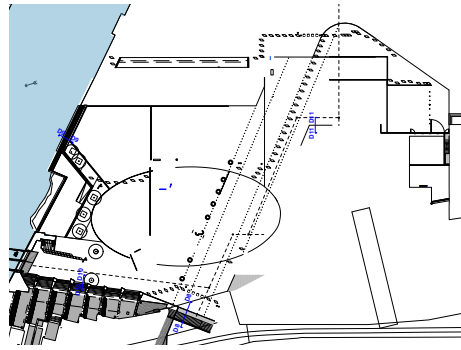
Scale 1:400, 1:20 Size A1 Workstage Stage 4

Drg No. MF-PLA-XX-GF-DR-L-10-5006 Suitability D2 Revision P01



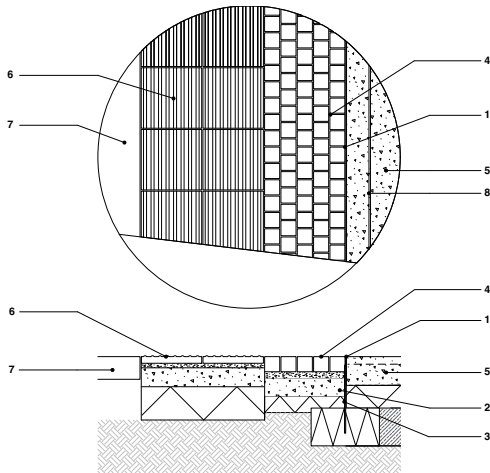
D8 K2 Granite Flush Channel / TA4 Tactile Paving / P9 Yorkstone Setts / P2 Granite Setts / SE1 Steel Edge / C2 In-situ Concrete
Scale: 1:20

- 1 - K2 Granite Flush Channel**
Material: Granite.
Colour: Light grey.
Finish: picked.
Dimensions: 300mm (W) x 200mm (D) x 500mm (L).
Joints: Tooled coloured mortar.
Subject to detailed design.
- 2 - Concrete haunch with reinforcement.**
To engineers specification.
- 3 - Granular MOT Type 1 Sub-base.**
To engineers specification.
- 4 - Bituminous Asphalt Road Surface.**
To engineers specification.
- 5 - TA4 Tactile Paving**
Refer to MF-PLA-XX-GF-DR-L-10-5001 for detail.
- 5.1 - Bedding layer**
To be 65mm to tie in with adjacent bedding layer to P2 Yorkstone setts.
- 6 - Steel edge - SE1.**
Product: Verge ExcelEdge Heavy Duty Edging.
Material: Steel.
Finish: Hot dip galvanised.
Dimensions: 3mm (W) x 3000mm (L) x 150mm (D).
Supplier: Kinley or similar and approved.
- Laid flush to surface.
Joints between section: Each section to be staked into sub-base using 450mm stakes and 3mm connector plate.
- 7 - P9 Granite Setts Paving Units (Stock Material).**
Refer to MF-PLA-XX-GF-DR-L-10-5000 for detail.
- 8 - P2 Yorkstone Setts Paving Units (Stock Material).**
Refer to MF-PLA-XX-GF-DR-L-10-5000 for detail.
- 9 - C2 Bespoke reinforced in-situ concrete.**
Refer to MF-PLA-XX-GF-DR-L-10-5000 for detail.
- 10 - Spiral Securing Stakes.**
Length: 250mm
To be fixed into MOT Type 1 Sub-base to engineer / supplier's specification.



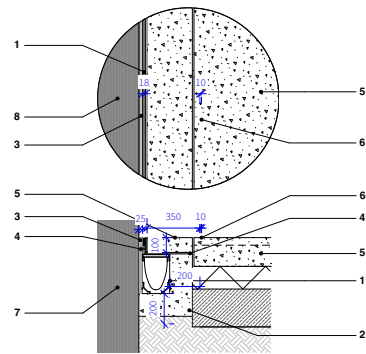
D9 P9 Granite Setts / Guardrail Wall / In-situ Seating Steps
Scale: 1:20

- 1 - P9 Granite Setts (stock material).**
Refer to MF-PLA-XX-GF-DR-L-10-5001 for detail.
- 2 - Concrete foundation to Guard Rail**
Refer to drawing MF-PLA-XX-GF-DR-L-7016 for detail.
- 3 - Ballustrade - Ba**
Refer to drawing MF-PLA-XX-GF-DR-L-7016 for detail.
- 4 - In-situ Reinforced Concrete Seating Wall**
To sit min. 60mm below paving level.
Refer to drawing MF-PLA-XX-GF-DR-L-7014 for detail.
- 5 - Granular MOT Type 1 Sub-base.**
To engineers specification.
- 6 - Existing River Wall**



D10 TA2 Tactile Paving / P2 Setts Paving Units / SE1 Steel Edging / C2 Insitu Concrete
Scale: 1:20

- 1 - Steel edge - SE1.**
Product: Contour ExcelEdge Heavy Duty Edging.
Material: Steel.
Finish: Hot dip galvanised. Milled.
Dimensions: 6mm (W) x 3000mm (L) x 150mm (D).
Supplier: Kinley or similar and approved.
- Laid flush to surface.
Joints between section: seamless butt jointing. Each section to be staked into sub-base using 250mm stakes.
- NOTE: corner units to be formed as single section to tie in adjacent edges.
- 2 - Spiral Securing Stakes.**
Length: 250mm
To be fixed into MOT Type 1 Sub-base to engineer / supplier's specification.
- 3 - Granular MOT Type 1 Sub-base.**
To engineers specification.
- 4 - P2 Yorkstone Setts Paving Units (Stock Material).**
Refer to MF-PLA-XX-GF-DR-L-10-5000 for detail.
- 5 - C2 Bespoke reinforced in-situ concrete.**
Refer to MF-PLA-XX-GF-DR-L-10-5000 for detail.
- 6 - TA4 Tactile Paving**
Refer to MF-PLA-XX-GF-DR-L-10-5001 for detail.
- 7 - Existing Step to Ordsall Chord Interface**



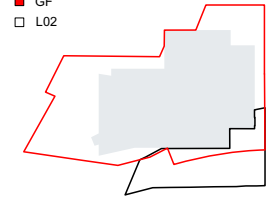
D11 Building Facade / DC4 Slot Drain / C2 In-situ Concrete
Scale: 1:20

- 1 - Slot Drain - DC4**
Product: ACO BrickSlot M150D
Finish: Galvanised Steel.
Dimensions: 183mm (W) x 500mm (L) depth varies.
Load class C250.
Supplier: ACO Technologies or similar and approved.
subject to engineers detail and specification.
Surrounding Paving to be raised 306mm above top of slot.
- 2 - Concrete haunch.**
Min 80mm offset from facade.
To engineers specification.
- 3 - Sealant**
Product: OttoSeal S70 Natural Stone Sealant.
Colour: C6113 Matt Concrete Grey.
- 4 - Polymer Modified Mortar**
To engineers specification.
- 5 - C2 Bespoke reinforced in-situ concrete.**
Refer to MF-PLA-XX-GF-DR-L-10-5000 for detail.
- 6 - 10mm Isolation Joint.**
Sealant colour to be specified by landscape architect.
To engineers specification
- 7 - Building Facade.**

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.

LOCATION PLAN

GF
L02



D2-P05	12-02-21	Foundation detail to wall updated (D9)	TF	AM
D2-P04	03-12-20	Detail D9 Updated	TF	AM
S1-P03	11-11-20	1. Brickslot drain foundation reduced to 150mm (Load Class C250).	TF	AM
S1-P02	28-10-20	1. Base course to yorkstone setts updated 2. Brickslot drain interface with building updated.	TF	AM

S1-P01	05-10-20	-	TEAM	AM
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Revision	Date	Description	Drawn	Apprvd.
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T: 0151 705 6746

Client OMA / MCC

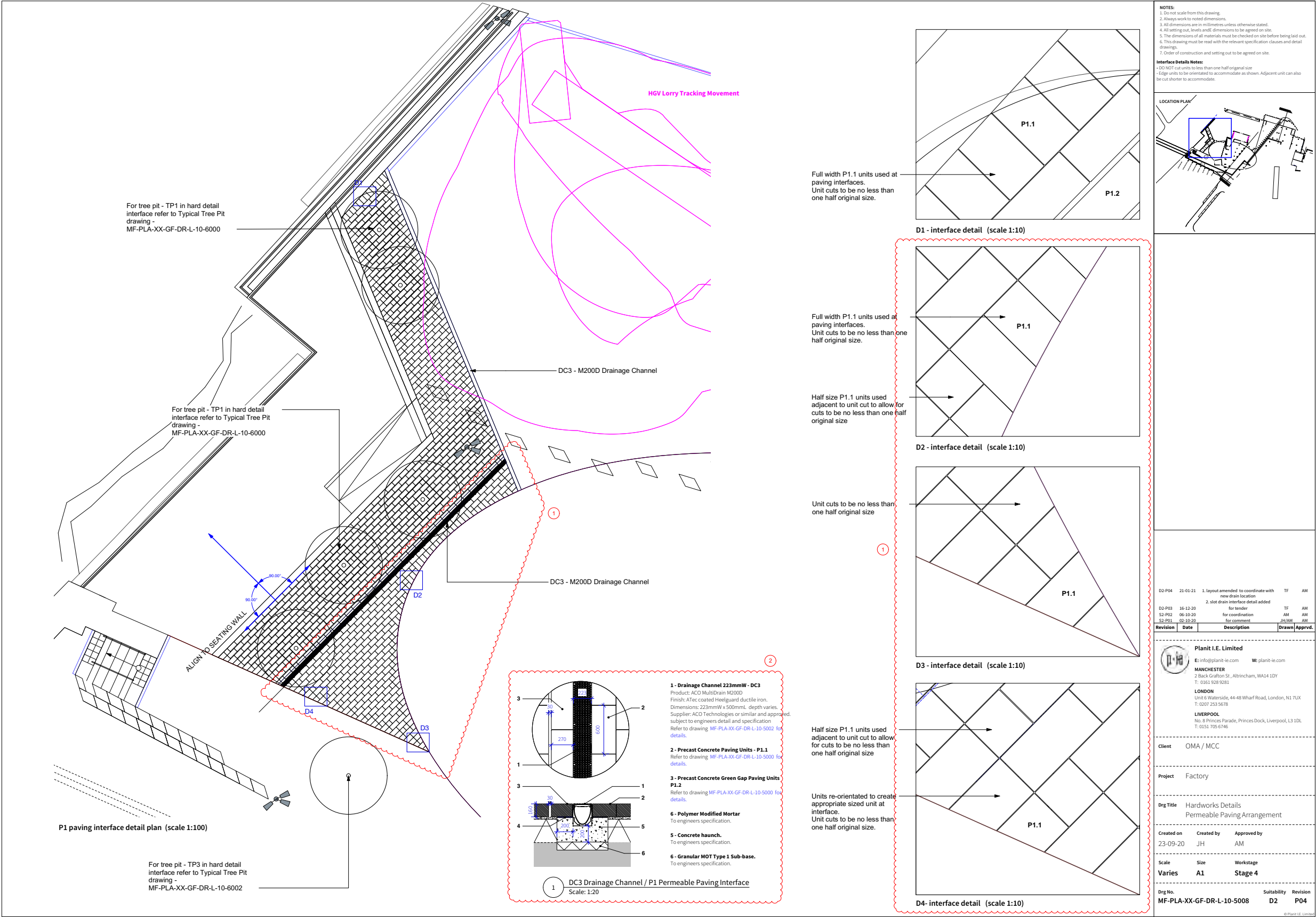
Project Factory

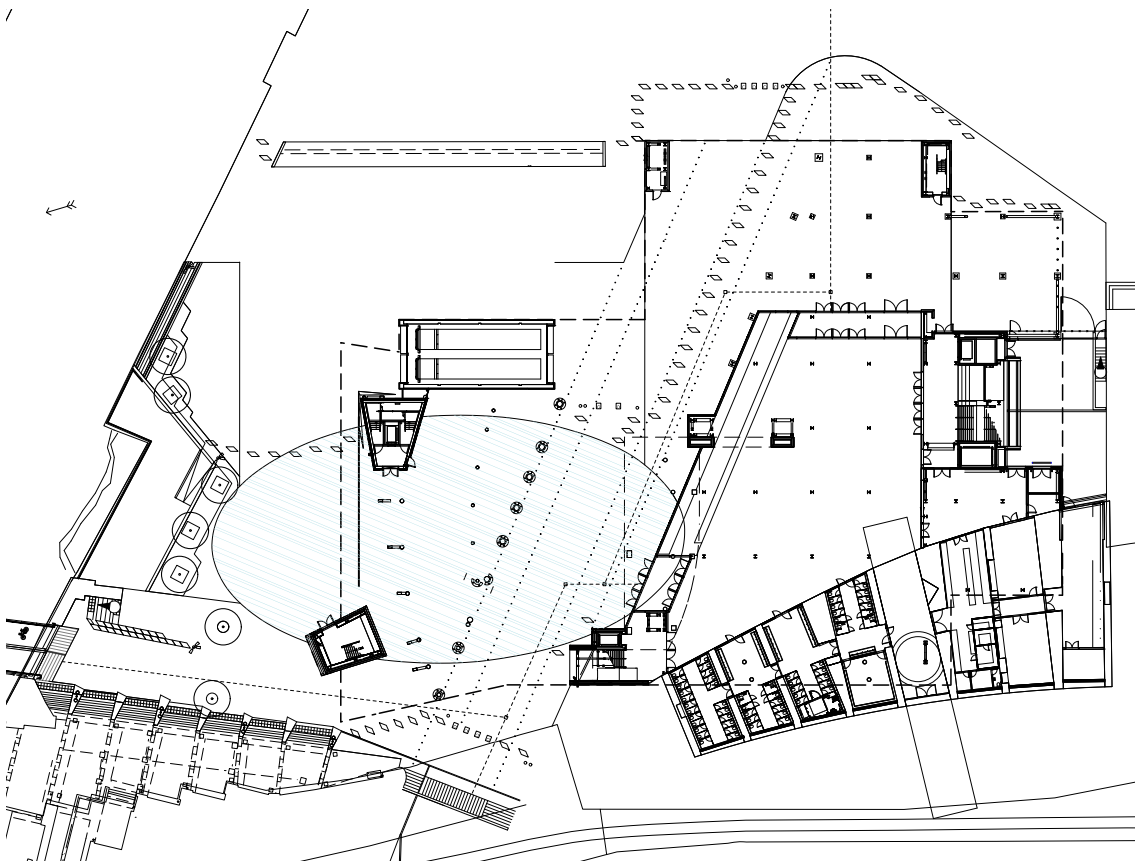
Drg Title Hardworks Details
Interfaces

Created on 16-09-19 Created by TF Approved by AM

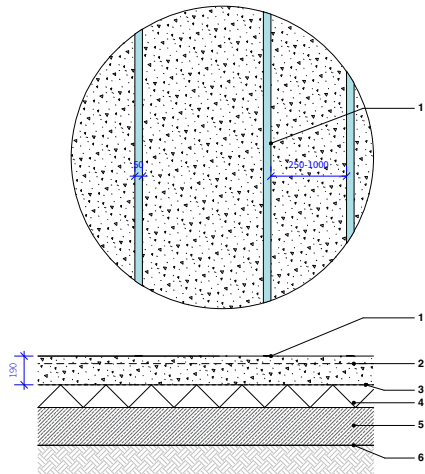
Scale 1:20 Size A1 Workstage Stage 4

Drg No. MF-PLA-XX-GF-DR-L-10-5007 Suitability D2 Revision P05





1 Demarcation Studs Location Plan
Scale: 1:400



C1 C1 Option 2 - In-situ Concrete - to spotlight (oval)
Scale: 1:20

- 1 - Thermoplastic Line Marking.**
Product: Quickline Preformed Rolls with anti-slip properties.
Supplier: Kestrel Thermoplastics Ltd.
Colour: Light Blue - RAL 5012 - subject to LA approval prior to application.
Dimensions: 50mmW x 3mmD x length varies. Approx total length: 2300m.
Spacing: Random intervals between 500-1000mm in increments of 250mm.
Fixing: Hot applied with gas torch to supplier's specification.
Prior to laying, apply Kestrel 2 pack epoxy resin primer to strengthen bond - to supplier's specification.
- 2 - C1 Option 2 Bespoke reinforced in-situ concrete.**
As C1 (Option 2) in-situ concrete specification. See drawing MF-PLA-XX-GF-DR-L-10-5000.
- 3 - Polythene Membrane.**
To engineers specification.
- 4 - Granular MOT Type 1 Sub-base.**
To engineers specification.
- 5 - Capping Layer.**
To engineers specification.
- 6 - Terram T1000 Geotextile Layer.**
To engineers specification.

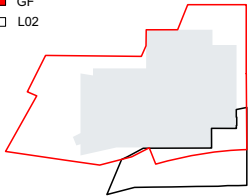


Kestrel Quickline Preformed Thermoplastic Roll.

- 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.

LOCATION PLAN

- GF
□ L02



KEY

D2-P01	04-12-20	for tender	TF	AM
S1-P01	23-10-20	First Issue	TF	AM
Revision	Date	Description	Drawn	Approved

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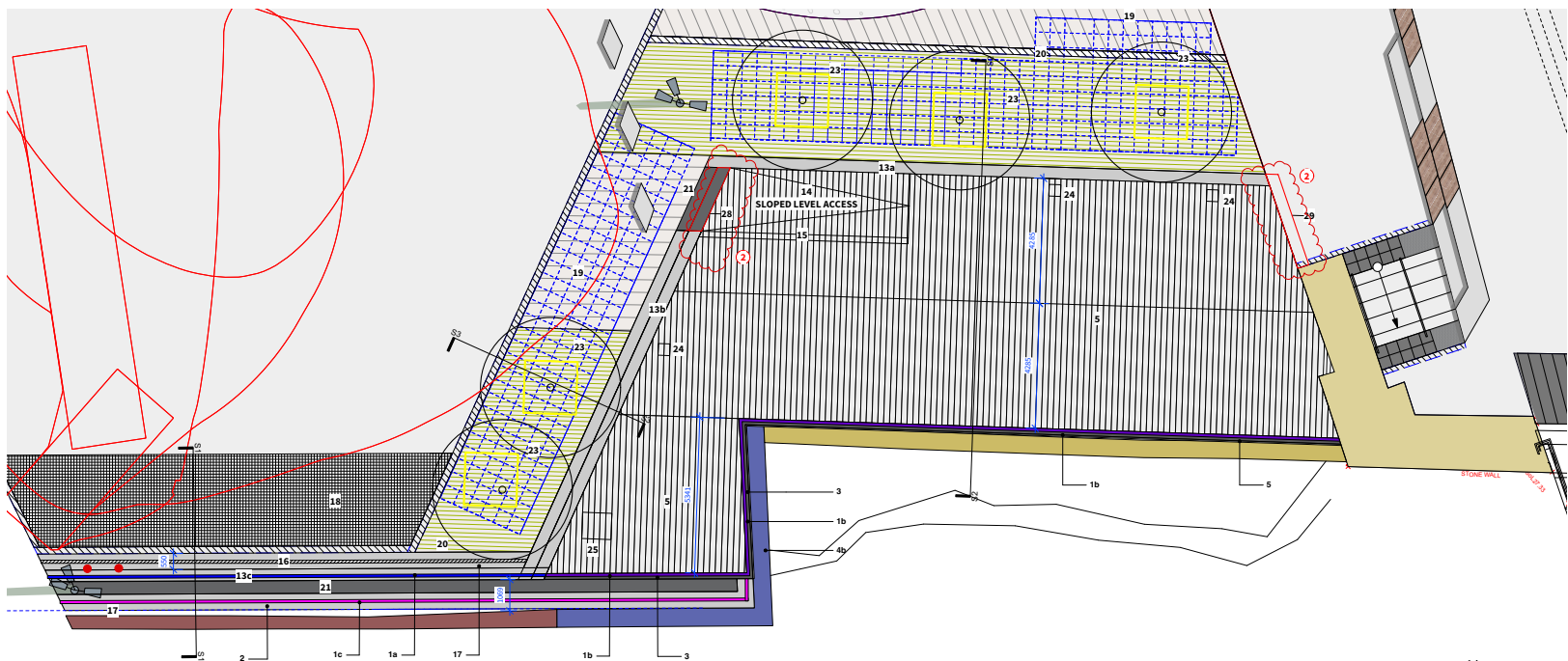
Project Factory

Drg Title Typical Hardworks Details
Thermoplastic Markings

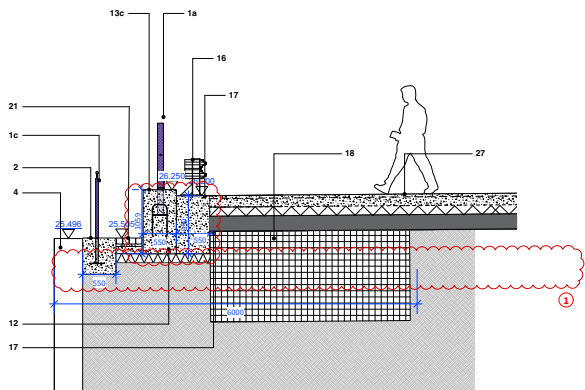
Created on 14-10-20 Created by TF Approved by AM

Scale 1:400, 1:20 Size A1 Workstage Stage 4

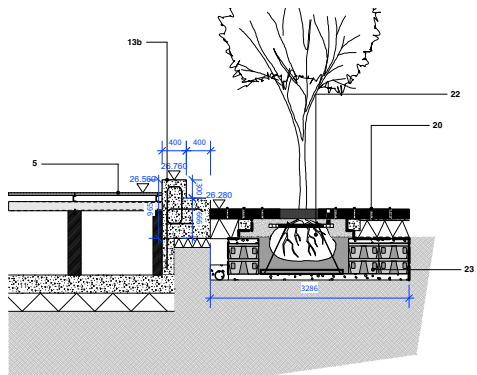
Drg No. MF-PLA-XX-GF-DR-L-10-5009 Suitability D2 Revision P01



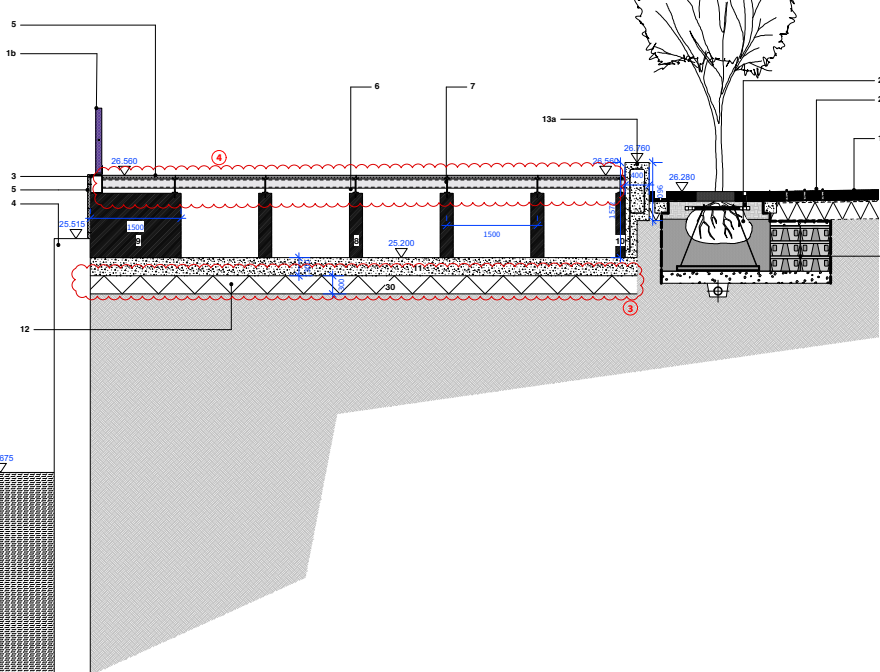
1 Plan View - River Wall Interface
Scale: 1:100



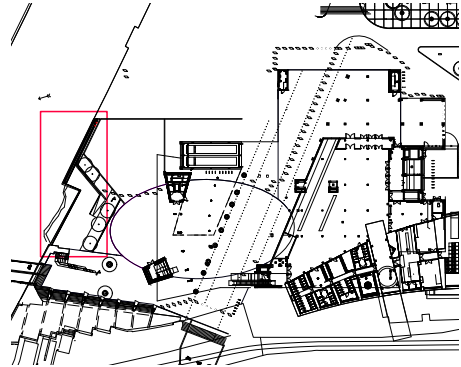
2 Section 1
Scale: 1:50



3 Section 2
Scale: 1:50



4 Section 3
Scale: 1:50



12 - Granular MOT Type 1 Sub-base.
Depth: 300mm thick below concrete slab for decking.
150mm thick below concrete seating walls.
To engineers specification.

13a - In-situ Reinforced Concrete Seating Wall - RW1
C25/30 Reinforced Concrete, 400mm thick. Cast as one for ease of construction. To include 30mm chamfer to exposed edges.
Colour: To match final insitu concrete C2 mix.
Finish: Fair faced, class A.
To engineers specification.

13b - In-situ Reinforced Concrete Stepped Seating Wall - RW2
Colour: To match final insitu concrete C2 mix.
Finish: Fair faced, class A.
Size: 400mm thick - 2 x 400mm steps. To include 30mm chamfer to exposed edges.
C25/30 RC Reinforced Concrete retaining wall, 300T8k, 100kg/m3 reinf with architectural seat, 40mm cover, B12 Bars, H8 links - as per engineers specification. Cast as one for ease of construction.

13c - In-situ Reinforced Concrete Wall - RW7
Colour: To match final insitu concrete C2 mix.
Finish: Fair faced, class A.
Size: 500mm thick. To include 30mm chamfer to exposed edges.
subject to engineers detail.

15 - Steel Edging - SE3
Material: Steel Rectangular Hollow Section Beam.
Finish: Hot dip galvanised.
Dimensions: 200mmW x 300mmD x 7000mmL, 10mm thick.
Fitting: Beams to be resin fixed to piers using 2no. resin anchors.
To engineers specification.

16 - Armco Barrier.
To highway engineers specification.

17 - Concrete Footing.
To highway engineers specification.

18 - Void former
To be provided for a distance of 6m from face of river wall and a depth of 1.5m. To engineers specification.

19 - Precast Concrete Paving Units - P1.1
Refer to drawing MF-PLA-XX-GF-DR-L-5000 for details.

20 - Precast Concrete Green Gap Paving Units - P1.2
Refer to drawing MF-PLA-XX-GF-DR-L-5000 for details.

21 - Granite Set Paving - P9
3 rows to seating steps below armco barrier.
4 rows to bottom of steel decking ramp.
Dimensions: 100x100x100mm, with 8mm joints.
Refer to drawing MF-PLA-XX-GF-DR-L-5000 for details.

22 - Semi-mature Tree Pit in Hard landscape - TP1
Refer to drawing MF-PLA-XX-GF-DR-L-6000 for details.

23 - Stratacell Root Cell Modules for Tree Pits.
Refer to drawing MF-PLA-XX-GF-DR-L-6000 for details.

24 - Ducting Access Hatch
electricity connection for future events
3no hatches for access for wiring during events. Subject to further design.

25 - Maintenance Access Hatch
1no. maintenance hatch for maintenance below decking.
Subject to further design.

27 - In Situ Concrete

28 - In-situ Reinforced Concrete Retaining Wall
below surface finish
to engineers detail.

29 - In-situ Reinforced Concrete Retaining Wall
below surface finish
to engineers detail.

30 - Sub-Base
300T8k as engineers details.

NOTES:
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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.

1a - Balustrade - Ba1
Refer to drawing MF-PLA-XX-GF-DR-L-7016 for detail.

1b - Balustrade - Ba2
Refer to drawing MF-PLA-XX-GF-DR-L-7017 for detail.

1c - Balustrade - Ba

2 - Concrete foundation
to balustrade adjacent to lower river wall level
Dimensions: 550mmW x 550mmL x 600mmD
C20 RC Concrete, 40mm cover, H10 links - as per engineers specification.
Refer to drawing MF-PLA-XX-GF-DR-L-7016 for detail.
Colour: To match final insitu concrete C2 mix.
Finish: Fair faced, class A.

3 - Steel Edging - SE4
to metal steel decking edging.
Material: Steel Square Hollow Section Beam.
Finish: Hot dip galvanised.
Dimensions: 200mmW x 300mmD, 10mm thick.
Fitting: Beams to be resin fixed to piers using 2no. resin anchors.
To engineers specification.

4 - Existing River Wall

4b - Existing River Wall - lowered to level with adjacent wall and new sandstone stone coping matching adjacent.

5 - Perforated Steel Decking D1

Product: Perforated Metal Plank - Type BN-OPS
Material: Steel.
Finish: Hot dip Galvanised.
Dimensions: 200mmW x 450mmD, 2mm thick. Bespoke lengths.
Accessories: 2no. maintenance access hatch and 3no. wing access hatches. Subject to detailed design.
To include side cladding panels to decking area facing the river to close off ends of block pier and sloped access area. Subject to further detail.
Supplier: Lichagier UK
Website: www.lichagier.co.uk
Tel: 01922 711 611.
Refer to drawing MF-PLA-XX-GF-DR-L-10-1000 and 5000.

6 - Universal Beam.
150mmH x 80mmW x 16mm thick.
Hot dip galvanised.
Beams to be resin fixed to piers using 2no. M12 x 100mm Resin Anchors. To engineers specification.

7 - Parallel Flange Channel Beam.
100mmH x 50mmW x 10mm thick.
Hot dip galvanised.
To engineers specification.

8 - TMPa Block Pier.
215mmW x 215mmL.
150mmW centre to centre.
To engineers specification.

9 - TMPa Block Wall to river wall edge.
215mmW x 150mmL.
To engineers specification.

10 - TMPa Continuous Block Wall.
150mm thick.
To engineers specification.

11 - Concrete Base Slab.
C25/30 Reinforced Concrete 100kg/m3.
Depth: 300mm
To engineers specification.

D2-P10	12-02-21	1. tie back omitted 2. below ground retaining walls added 3. sub-base changed to 330mm thick 4. decking bulldozer updated	AM	AM
D2-P09	21-01-21	1. Ba reference added, changed specification	AM	AM
D2-P08	07-01-21	1. Ba reference changed to Ba1 and Ba2 2. colour finish to retaining walls added 3. dimensions added to retaining walls 4. Note added for steel decking panels to close off block piers along river wall	TF	AM
D2-P07	10-12-20	for tender	TF	AM
D2-P06	09-12-20	Sections, plan and spec updated to reflect new river wall design	TF	AM
S3-P05	30-10-20	Cross sections updated	TF	AM
S3-P04	22-10-20	for review and comment	AM	AM
S3-P03	21-10-20	for review and comment	AM	AM
S3-P02	31-03-20	for review and comment	AM	AM
S3-P01	28-03-20	for review and comment	AM	AM

Revision	Date	Description	Drawn	Appr.
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Client OMA / MCC

Project Factory

Drg Title River Wall Detail

Created on 24.01.20 Created by TF Approved by AM

Scale Varies Size A1 Workstage Stage 4

Drg No. MF-PLA-XX-GF-DR-L-10-7014 Suitability D2 Revision P10

