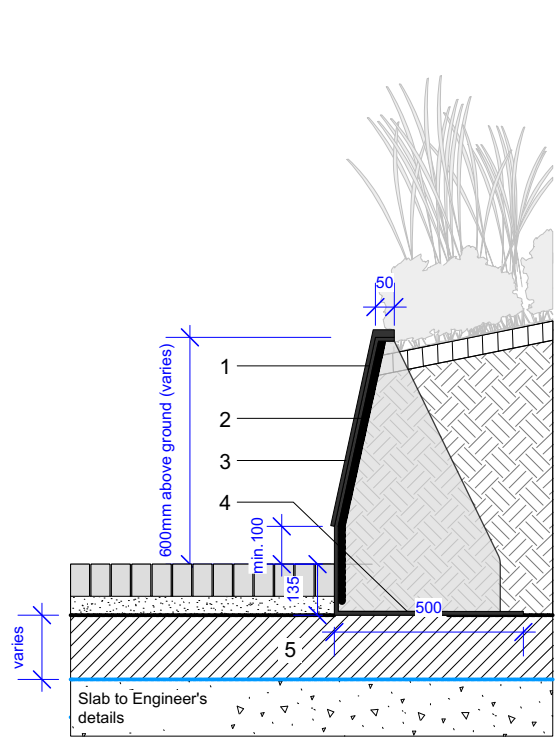
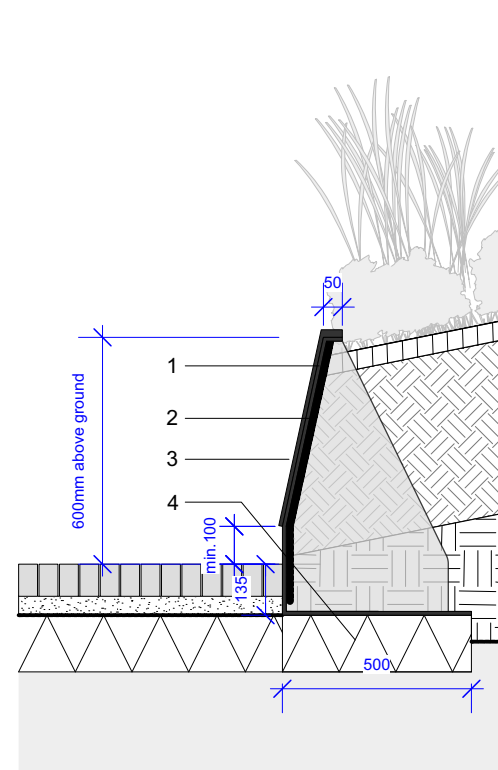




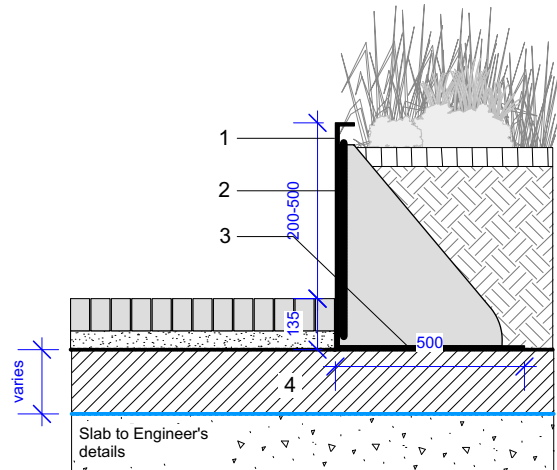
- 1) SE2.1 - ANGLED BLACKENED STEEL PLANTERS EDGE  
Product: Linier edge (bespoke)  
Material: Hot dipped galvanised Steel  
Finish: Blackened finish.  
Dimensions: vertical face min. 100mm above ground. Angled face 500mmH.  
135mm below ground.  
To have folded top edge, 50mm wide. To be fabricated in 1m long sections.  
Thickness: 6mm - or as per manufacturer's recommendations.  
Brackets: Velox RapidEdge (500x500mm) plates fabricated and laid to supplier's specification.  
Joints: welded jointing plates to ensure seamless butt jointing and prevent deviation.  
Corners to be fabricated out of a single sheet.  
Supplier: Logic or equal and approved.  
Refer to drawing NP4-PLA-04-XX-DR-L-5011 for cutting schedule.
- 2) Impermeable root and moisture barrier lining to internal side of steel edging to prevent moisture leaching through to face of edging.
- 3) Anti-skate strips.  
Material: Blackened steel - same material as planters.  
Size: 20mmW x 20mmD to tops of planters and 10mmD to sides - as per anti skate detail below for stone planters.  
Long strips - 530mmL. Short strips 230mmL.  
Placed a 1m intervals centred on joints in planter edge. Long and short strips to alternate along each edge.  
To be welded onto panel.
- 4) Lapped waterproofing membrane to top and bottom of steel
- 5) Podium build up to engineer's specification.  
To allow for drainage from planters.

SE2.1 Angled Blackened Steel Planter Edge - On Podium  
Scale: 1:20



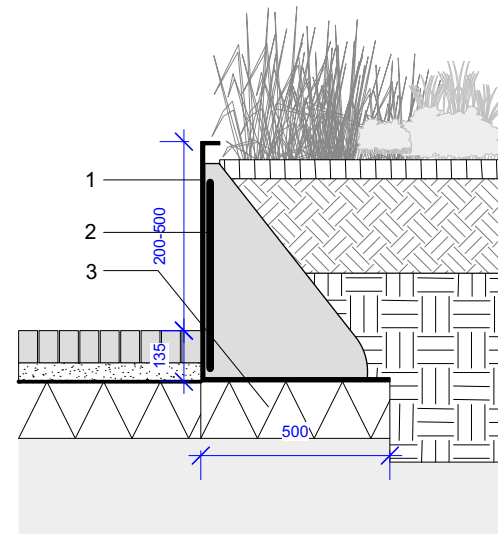
- 1) SE2.2 - ANGLED BLACKENED STEEL PLANTERS EDGE  
Product: Linier edge (bespoke)  
Material: Hot dipped galvanised Steel  
Finish: Blackened finish.  
Dimensions: vertical face min. 100mm above ground. Angled face 500mmH.  
135mm below ground.  
To have folded top edge, 50mm wide. To be fabricated in 1m long sections.  
Thickness: 6mm - or as per manufacturer's recommendations.  
Brackets: Velox RapidEdge (500x500mm) plates fabricated and laid to supplier's specification.  
Joints: welded jointing plates to ensure seamless butt jointing and prevent deviation.  
Corners to be fabricated out of a single sheet.  
Supplier: Logic or equal and approved.  
Refer to drawing NP4-PLA-04-XX-DR-L-5012-5013 for cutting schedule.
- 2) Impermeable root and moisture barrier lining to internal side of steel edging to prevent moisture leaching through to face of edging.
- 3) Anti-skate strips.  
Material: Blackened steel - same material as planters.  
Size: 20mmW x 20mmD to tops of planters and 10mmD to sides - as per anti skate detail below for stone planters.  
Long strips - 530mmL. Short strips 230mmL.  
Placed a 1m intervals centred on joints in planter edge. Long and short strips to alternate along each edge.  
To be welded onto panel.
- 4) Sub-base - MoT Type 1 to engineer's specification.

SE2.2 Angled Blackened Steel Planter Edge - Off Podium  
Scale: 1:20



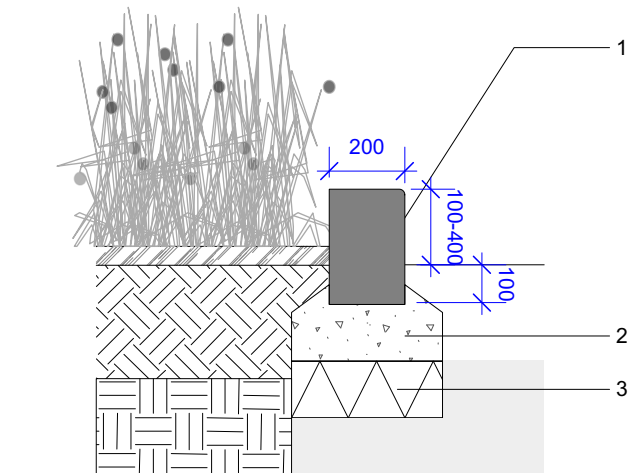
- 1) SE3.1 - VERTICAL BLACKENED STEEL PLANTER EDGE  
Product: Linier edge (bespoke)  
Material: Hot dipped galvanised Steel  
Finish: Blackened finish.  
Dimensions: 200mm / 500mmH - allow for transition sections.  
135mm below ground.  
To have folded top edge, 50mm wide. To be fabricated in 1m long sections.  
Thickness: 6mm - or as per manufacturer's recommendations.  
Brackets: Velox RapidEdge (500x500mm) plates fabricated and laid to supplier's specification.  
Joints: welded jointing plates to ensure seamless butt jointing and prevent deviation.  
Corners to be fabricated out of a single sheet.  
Supplier: Logic or equal and approved.  
Refer to drawing NP4-PLA-04-XX-DR-L-5016 for setting out.
- 2) Impermeable root and moisture barrier lining to internal side of steel edging to prevent moisture leaching through to face of edging.
- 3) Lapped waterproofing membrane to top and bottom of steel
- 4) Podium build up to engineer's specification.  
To allow for drainage from planters.

SE3.1 Vertical Blackened Steel Planter Edge - On Podium  
Scale: 1:20



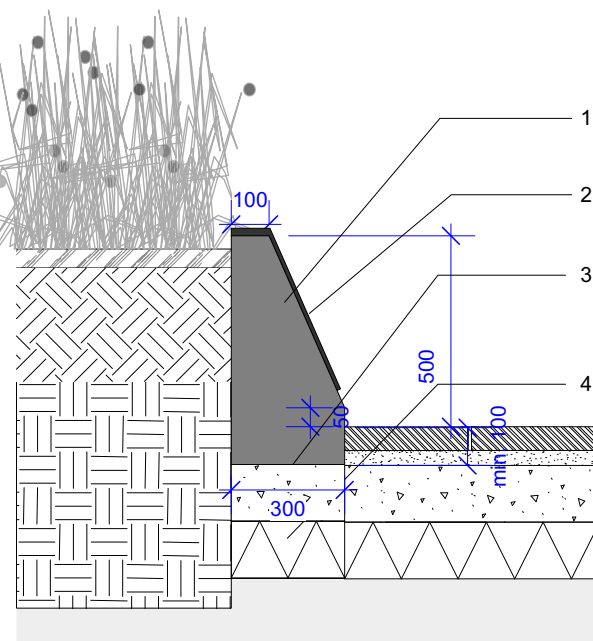
- 1) SE3.2 - VERTICAL BLACKENED STEEL PLANTER EDGE  
Product: Linier edge (bespoke)  
Material: Hot dipped galvanised Steel  
Finish: Blackened finish.  
Dimensions: 200mm / 500mmH - allow for transition sections.  
135mm below ground.  
To have folded top edge, 50mm wide. To be fabricated in 1m long sections.  
Thickness: 6mm - or as per manufacturer's recommendations.  
Brackets: Velox RapidEdge (500x500mm) plates fabricated and laid to supplier's specification.  
Joints: welded jointing plates to ensure seamless butt jointing and prevent deviation.  
Corners to be fabricated out of a single sheet.  
Supplier: Logic or equal and approved.  
Refer to drawing NP4-PLA-04-XX-DR-L-5010 for setting out.
- 2) Impermeable root and moisture barrier lining to internal side of steel edging to prevent moisture leaching through to face of edging.
- 3) Sub-base - MoT Type 1 to engineer's specification.

SE3.2 Vertical Blackened Steel Planter Edge - Off Podium  
Scale: 1:20



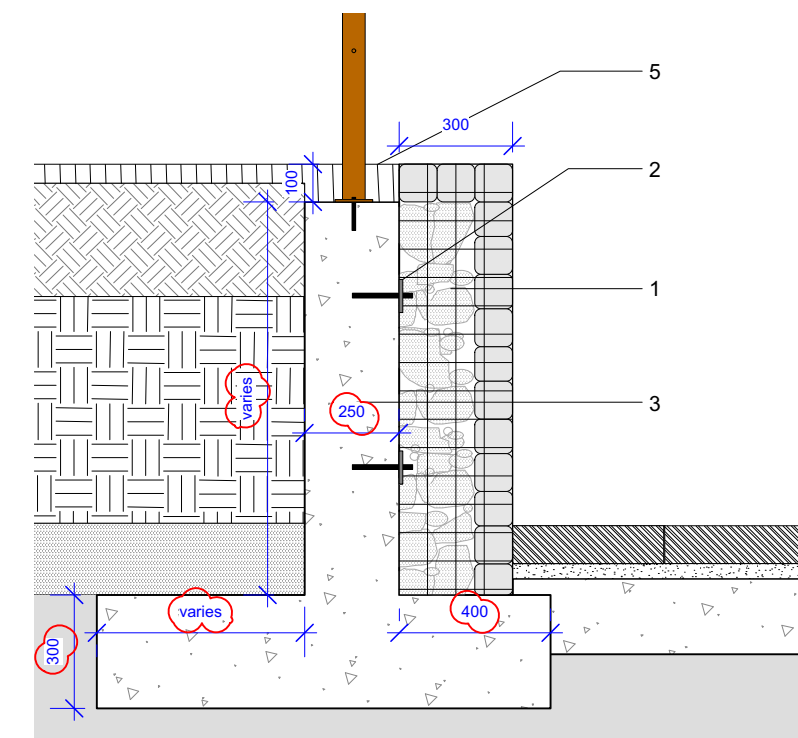
- 1) G1 - GRANITE EDGING  
small planters around service yard  
Product: Solid granite  
Dimensions: 200mm (W) x 200mm (H)  
Finished height: 100-400mm (100mm below ground)  
Colour: Crystal black  
Finish: Flamed  
Profile: All outer edges to have a 10mm bullnose.  
Supplier: Hardscape or other equal and approved.  
Refer to drawing NP4-PLA-04-XX-DR-L-5015 for cutting schedule.
- 2) Concrete haunch - to engineer's details
- 3) Sub-base - to engineer's details

G1 Granite Edging - 100-400mm upstand  
Scale: 1:20



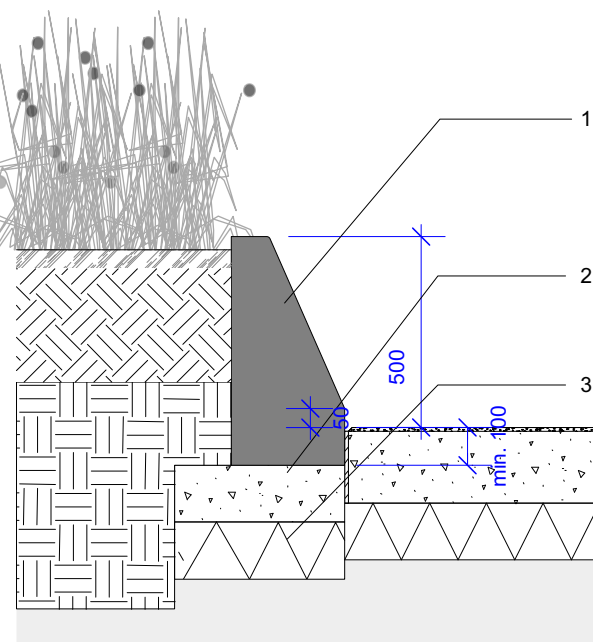
- 1) G2 - GRANITE EDGING (WITH ANTI-SKATE DETAIL)  
Location: Edge restraint to planter along Miller Street.  
Product: Crystal Black  
Finish: Flamed  
Profile: Slope face with square edges  
Dimensions: 550mmH x 994mmL x tapering width 100-300(W)mm.  
Laid at 500mm upstand. Minimum 100mm below ground.  
Joints: 6mm. To be filled with Ottoseal S70 natural stone silicone sealant. Colour to match stone - submit samples for LA approval.  
Supplier: Hardscape or similar and approved.  
Refer to drawing NP4-PLA-04-XX-DR-L-5014 for cutting schedule.
- 2) Anti-skate Strip - See detail below.  
316 grade steel. Blackened finish.
- 3) Concrete Base - to engineer's specification.
- 4) Sub-base - MoT Type 1 to engineer's specification.

G2 Granite Edging - 500mm upstand (Miller Street)  
Scale: 1:20



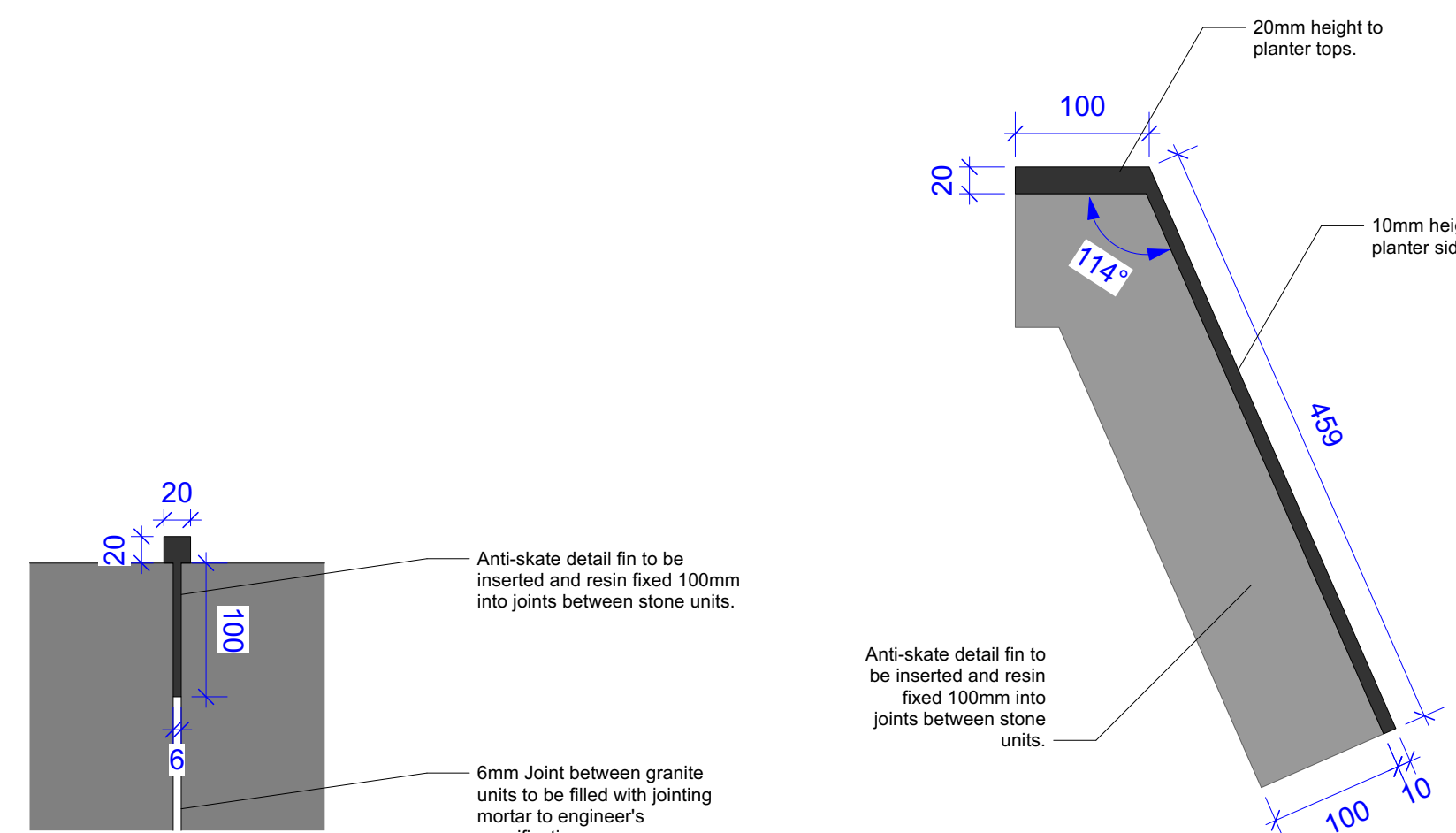
- 1) GW - GABION RETAINING WALL  
Gabion Basket Facing: Hand dressed with reclaimed bricks.  
Inner fill to be 6G (spec for highway works) gabion stone minimum 100-200mm.  
Gabion basket material: 4mm welded mesh gabion basket  
Gabion basket dimensions: 300mm deep basked with 75mm apertures.  
Hot dipped galvanised.  
Supplied by ENVIROMESH or equal and approved.  
Tel: +44 (0)845 136 0101  
Refer to drawing NP4-PLA-04-XX-DR-L-5010 for setting out.
- 2) Threaded bolt Resin fixed into concrete substrate. To engineer's details.
- 3) Concrete wall to engineer's specification.  
Refer to drawing NP4-PLA-04-XX-DR-L-5010 for setting out.
- 4) 6mm thick Corten steel bespoke fence  
1.1m height above planter - to follow retaining wall profile.  
Refer to Detail F below.  
Fence posts to be pinned into concrete haunch to engineer's specification
- 5) Bark Mulch - 100mm depth.

GW Gabion Wall - Section Detail  
Scale: 1:20

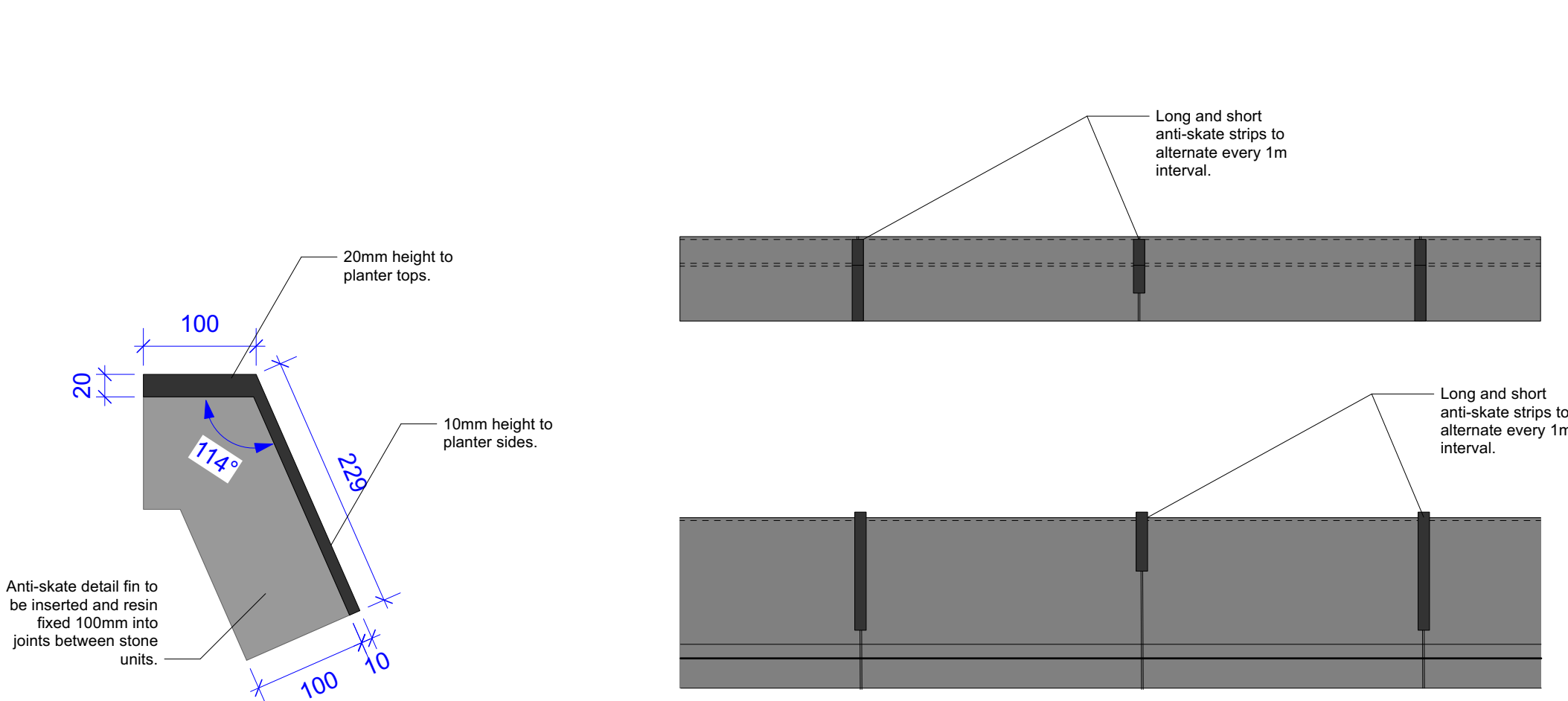


- 1) G2 - GRANITE EDGING  
Location: Edge restraint to planter in Service yard.  
Product: Crystal Black  
Finish: Flamed  
Profile: Slope face with square edges  
Dimensions: 550mmH x 994mmL x tapering width 100-300(W)mm.  
Laid at 500mm upstand. Minimum 100mm below ground.  
Joints: 6mm. To be filled with Ottoseal S70 natural stone silicone sealant. Colour to match stone - submit samples for LA approval.  
Supplier: Hardscape or similar and approved.  
Refer to drawing NP4-PLA-04-XX-DR-L-5015 for cutting schedule.
- 2) Concrete Base - to engineer's specification.  
Concrete haunch to extend to back of granite plinth - to allow galvanised tension wires to fill into it to support the pine trees. To engineer's details.  
Refer to drawing NP4-PLA-04-XX-DR-L-6000 for tree pit detail.
- 3) Sub-base - MoT Type 1 to engineer's specification.

G2 Granite Edging - 500mm upstand (Service Yard)  
Scale: 1:20



AS Anti-skate Detail to Miller Street Planter  
Scale: 1:5



Example of anti-skate strips

Refer to drawing NP4-PLA-04-XX-DR-L-1001 for edging general arrangement drawing

Refer to NP4-PLA-04-XX-SP-L-0001 for Hardworks NBS specification  
Refer to clause Q10 Kerbs and Edgings

DESIGN INTENT ONLY  
- refer to fabrication drawings

NOTE:  
For all sub-surface and structurally relevant elements refer to the engineers' details and specification.  
Don't scale from the drawing, engineers' dimensions take precedence. Please consult with us in case of inconsistencies with engineers' information.  
Submit proposals and samples for all surface materials for approval prior to construction.

|          |  |      |  |             |            |       |                                                                    |        |             |  |  |
|----------|--|------|--|-------------|------------|-------|--------------------------------------------------------------------|--------|-------------|--|--|
|          |  |      |  |             | Client     |       | MEPC                                                               |        |             |  |  |
|          |  |      |  |             | Project    |       | Noma, Plot P, Manchester                                           |        |             |  |  |
|          |  |      |  |             | Drg Title  |       | Planter Edge Details                                               |        |             |  |  |
|          |  |      |  |             | Created on |       | Created by                                                         |        | Approved by |  |  |
|          |  |      |  |             | 05.04.19   |       | AT                                                                 |        | KR          |  |  |
| D4-C02   |  |      |  |             | 06-10-22   |       | Gabion concrete wall dims updated in line with engineer's comments |        | TF KR       |  |  |
| D4-C01   |  |      |  |             | 15-03-22   |       | Stage 5                                                            |        | TF KR       |  |  |
| S4-P06   |  |      |  |             | 04-12-20   |       | Stage 4                                                            |        | AT AT       |  |  |
| S4-P05   |  |      |  |             | 18-10-19   |       | Issued for Tender                                                  |        | AT AT       |  |  |
| S4-P04   |  |      |  |             | 16-10-19   |       | Coordination with BH                                               |        | AT AT       |  |  |
| S4-P03   |  |      |  |             | 20-09-19   |       | Issued for Stage 3                                                 |        | AT AT       |  |  |
| S1-P02   |  |      |  |             | 03-09-19   |       | Coordination with BH                                               |        | AT GB       |  |  |
| S1-P01   |  |      |  |             | 29-08-19   |       | For comment                                                        |        | AT AT       |  |  |
| Revision |  | Date |  | Description |            | Drawn |                                                                    | Apprv. |             |  |  |

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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 with the client.