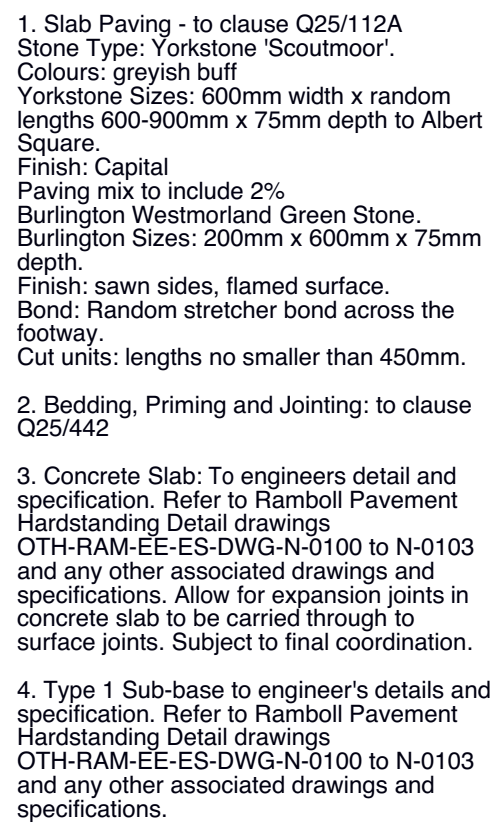




1. Slab Paving ZONES/112B
Stone Type: Yorkstone "Scoutmour".
Yorkstone Sizes: 150mm width x
random lengths 180-300mm x 100mm
Finish: Wire Sawn
Fining mix to include 2%
polymer.
Gravel: Green Stone,
Burlington Sizes: 15mm x 75mm x
100mm depth.
Gravel: 6 sides, flamed surface.
Bond: Random stretcher bond across
the footway.
2. Bedding, Priming and Jointing: to
clause QZ5/442
3. Concrete Slab: To engineers detail
and specification. Refer to Ramboll
drawing DRA-EE-S-DWG-N-0100 to
detail drawings.
OTH-RAM-EE-S-DWG-N-0100 related
drawings and specifications. Allow for
expansion joints in concrete slab to be
in accordance with surface joints.
Subject to final coordination.
4. Detail 1 Sub-base to engineer's
details and specification. Refer to
Ramboll drawing DRA-EE-S-DWG-N-0100
to detail drawings.
OTH-RAM-EE-S-DWG-N-0100 to
detail drawings and associated
drawings and specifications.

1. Slab Paving (2YK12SC) Stone Type: Yorkstone "Scoutmour". Color: greyish blue.
Yorkstone: 200mm width x random lengths 600-900mm x 63mm depth.
Laying mix to include 2% Burlington Western Stone.
Burlington Stones: 200mm x 600mm x 63mm depth.
Finish: diamond sawn, square edge. To have 6mm depth larch etched surface pattern as shown.
Bond: Random stretcher bond across the footway.
Cut units: lengths no smaller than 450mm
2. Bedding, Priming and Jointing: to clause 225/442
3. Concrete Slab: To engineers detail and specification. Refer to Ramboll Pavement Detail drawings
OTH-RAM-EE-ES-DWG-N-0100 to N-0103 and any other associated drawings. Allow for expansion joints in concrete slab to be carried through to surface joints. Subject to final coordination.
4. Type 1 Sub-base to engineer's details and specifications. Refer to Ramboll Pavement Handsetting Detail drawings OTH-RAM-EE-ES-DWG-N-0100 to N-0103 and any other associated drawings and specifications.

1. **Stain Paving:** To clause Q25/42A
Stone Type: blend of Portuguese Granite and
Scottish Green Schist
Colour / Surface Finish:
Grey Montemuro - 35% fine picked
Figured - 35% fine picked
Scottish Green Schist - 15% fine picked
Scottish Green Schist - 7.5% fine picked
- Finishes to sides / bottom: sawn
- Granite: 120mm width x random lengths
160 - 200mm x 100mm depth
- Schist: 60mm x 120mm x 100mm depth
Special units: Starter units adjacent to
diamond band in various sizes as indicated
diamond band
Cut units: lengths no smaller than 150mm.
2. **Bedding, Priming and Jointing:** to clause
Q25/442
3. **Concrete Slab:** To engineers detail and
specification. Refer to Ramboll Pavement
Handstanding Detail drawings
OTH-RAM-EEES-DWG-N-0100 to N-0103
and any other associated drawings and
specifications. Allow for expansion joints in
concrete slab to be carried through to surface
joints. Subject to final coordination.
4. **Type 1 Sub-base to engineer's details and
specification. Refer to Ramboll Pavement
Handstanding Detail drawings
OTH-RAM-EEES-DWG-N-0100 to N-0103
and any other associated drawings and
specifications.**

1. Granite Diamond Paving Bands to Class Q25/142B/C
Stone Type: Portuguese Granite
Color: Yellow to Reddish Finish
Grey Montemurro fine picked, with 50mm (recessed) sand blasted edge detail.
Finish: all sides / bottom: sawn
Sizes:
 - Main bands: 400mm width x 800mm length (typical size / sawn lengths of units required as indicated) x 100mm depth
 - Bands to perimeter of monuments: 300mm width x 100mm length (typical size - bespoke lengths of units required as indicated) x 100mm depth
 - Bespoke lengths of units required at intersections of bands and edge channelDiamond intersection units to have inlaid bronze castings as indicated (subject to approval of the Council). To be securely anchored into stone using threaded rod and epoxy resin.
2. Bored / Strecher band.
Cut units: lengths to be bespoke as indicated, cutting to be minimal and to be approved by the Landscape Architect prior to installation.
2. Bedding, Priming and Jointing: to class Q25/442
3. Concrete Slab: To Ramboll Pavement Handrasing Detail drawings
OTH-RAM-EE-ES-DWG-N-0100 to N-0104 and any other associated drawings and specifications. Allow for expansion joints in concrete slab to be carried through to surface joints. Subject to final coordination.
4. Type 1 Sub-base to engineer's details and specifications. Refer to Ramboll Pavement Handrasing Detail drawings OTH-RAM-EE-ES-DWG-N-0100 to N-0104 and any other associated drawings and specifications.

1. Granite Set Paving to Mountings to clause Q25/142A
2. Granite Set Paving to Mountings to clause Q25/142A
3. Granite Colour: Grey Montemuro
4. Finish: 50% flamed 50% picked surface finish, cropped sides, sawn bottom.
5. Granite Size: 100mm x 100mm x 60mm x 100mm depth: Allowance for larger and smaller
6. Granite to be cut to create half bogen pattern indicated.
7. Joint width: 8mm (6-10mm)
8. Half bogen pattern
9. Cut units: no smaller than half bogen pattern.
2. Bedding, Priming and Jointing: to clause Q25/142A
3. Concrete Slab: To engineers detail and specification. Refer to Ramboll drawing for details
4. Expansion Joints: to be in accordance with OTH-RAM-EES-DWG-N-0100 to N-0103 and any other associated drawings and specifications. Allow for expansion joints in concrete slab to be carried through to surface joints. Subject to final coordination
4. Type 1 Sub-base to engineer's detail and specification. Refer to Ramboll Pavement Handrasing Detail drawings OTH-RAM-EES-DWG-N-0100 to N-0103 and any other associated drawings and specifications.
5. Set Paving - to clause Q25/142A
6. Refer to S.2.1 for details.

1. Granite Set Paving to Around Existing Trees
2. Granite Q25/142E
Stone Type: Portuguese Granite
Colour: Grey Montemorro
Finish: 50% flamed 50% picked surface finish, cropped sides, sawn bottom
Sizes: 5-7 cubes, typically 60mm x 60mm x 60mm depth. Allowance for larger and smaller sizes as required to create pattern indicated.
Jointing: 3mm (6-10mm) Jointing material used to 3mm crushed igneous rock (split)
• Cut units: no smaller than half size of sett.
3. Bedding Layer: 55mm depth of unbound 3-6mm aggregate (crushed igneous rock) Compacted to approx. 40mm to clause Q25/442
4. Sub-base
• 100mm depth of unbound 25-28mm crushed igneous rock aggregate, compacted.
4. Set Paving - To clause Q25/142A
Refer to S2.1 for details.
5. Porous Resin Bound Gravel - To clause Q23/225A
6. Steel Edge
8mm thick, 150mm height
to clause A10/123B
7. Geotextile
Terram 2000 Membrane
8. Existing Subsoil
To be retained around existing mature trees

The figure consists of two parts. The top part is a top-down view of a square grid of circular holes, with a dimension line on the left indicating a width of 400 mm. The bottom part is a cross-sectional view of the experimental setup, showing a top plate, a middle layer, and a base, with a dimension line indicating a width of 400 mm.

1. Natural Stone Corduroy Hazing Paving
To clause Q25/144A
Finish: Type: Carlow Blue Limestone.
Size: 100mm x 400mm x 75mm depth.
Finish: sawn sides and bottom with flamed top with corduroy profiles.
Joint: width: 6mm
Bond: Stack bond
Layout: Double row to Albert Square entrance, single row to Cooper Street entrance.
Cut: lengths no smaller than half the paving unit.
Bond: Stack bond.
2. Bedding, Priming and Jointing: to clause Q25/442
3. Concrete Slab: To engineers detail and specification. Refer to Ramboll Pavement Handstanding Detail drawings
OTH-RAM-EE-ES-DWG-N-0100 to N-1013 and any other associated drawings and specifications.
4. Type I Sub-base to engineer's details and specification. Refer to Ramboll Pavement Handstanding Detail drawings
OTH-RAM-EE-ES-DWG-N-0100 to N-1013 and any other associated drawings and specifications.

1. Yorkstone In-ground Marking - To reclaime spots on Mount Street;
100mm deep stone slabs with epoxy painted laser etched marking
Repeated etching at 5m intervals.
Refer to drawing
OTH-PLA-EE-ES-DWG-L-4003 for locations
Refer to spec clause; Q25/144C
2. Yorkstone In-ground Marking - To parking bays on Lloyd Street;
100mm deep stone slabs with epoxy painted laser etched marking
Repeated etching at 5m intervals.
Refer to drawing OTH-PLA-EE-ES-DWG-L-4003 for locations
Refer to spec clause; Q25/144C
3. Retained yorkstone slabs to Lloyd Street have cycling etched laser-etched/shoistblasted (epoxy painted) in-situ.
Repeated etching at 5m intervals.
Refer to drawing OTH-PLA-EE-ES-DWG-L-4003 for locations
Refer to spec clause; Q25/144C
3. Bedding, Priming and Jointing; to clause Q25/442
4. Concrete Slab: Existing.
5. Existing Sub-base.

1. Existing Yorkstone slab paving areas to Mount Street, Lloyd Street, Cooper Street and St. George Street to be retained or lifted and relaid as indicated on drawings
2. LA-EE-ESE-DWG-L-1000 to 1005.
3. Paving units: Reclaimed natural stone slabs (Yorkstone).
4. Laying: Mortarment material for damaged paving: To match existing material exactly, including type, plan size and depth, any distinctive features / bespoke details.
5. Removal: Removal to meet criteria. All materials removed are to be are to be carefully handled, bagged and safely stored (if located) to be agreed and confirmed with Manchester City Council). They will remain the property of MCC. C25/115A
6. Bedding, Priming and Jointing: to clause 12/54/42
7. Concrete Slab: Existing.
8. Existing Sub-base.

1. Existing granite seal paving to Albert Square to be reclaimed and recycled with carryaway on to the site.
2. Remove all existing concrete / Southmill Street, County Street and any other areas identified on drawings.
3. OTH-PLA-EESE-DWG-A-1000 to 1009.
4. Paving units: Reclaimed seals (Granite - silver grey colour only).
5. All materials removed are to be are to be carefully handled, salvaged and recycled. All materials to be removed and confirmed with Manchester City Council. They will remain then to be removed by MGC. Q25R1J51a

2. Bedding, Priming and Jointing to be done to clause Q25/442

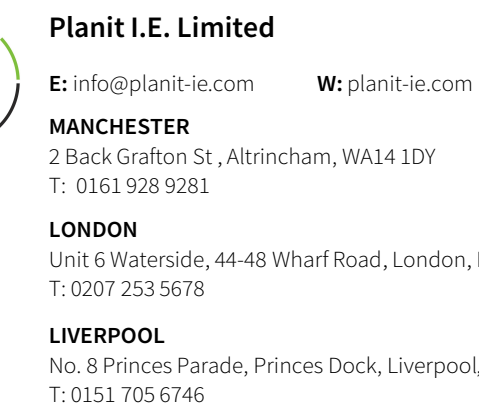
3. Concrete Slab: To engineers detail and specification. Refer to Ramboll paving Handstanding Detail drawings and specifications.
4. OTH-RAM-EESE-DWG-N-0100 to 1009 to be used for the detail drawings and specifications. Allow for expansion joints in concrete slab to be located to suit joints in paving units. Subject to final coordination.

4. Type 1 Sub-base to engineer's details and specification. Refer to Ramboll paving Handstanding Detail drawings and specifications.
5. OTH-RAM-EESE-DWG-N-0100 to 1009 to be used for the detail drawings and specifications.

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Revision Notes:					
1. Finish updated following Project Access Group review					
2. Pattern in abeyance following Project Access Group review					
C02	02/02/22	Construction Issue	SR	MS/KR	
C01	01/04/21	Construction Issue	SR	MS/KR	
06	26/02/21	Stage 4 Issue (Re-Coordination)	SR	MS/KR	
05	11/10/19	Stage 4 Issue	SR	MS/KR	
04	06/09/19	Planning Issue	SR	MS/KR	
03	26/07/19	Stage 4 Issue	AD	MS/KR	
02	29/05/19	Stage 3+ Issue	AD	MS/KR	
01	30/11/18	Stage 3 Issue	AD	MS/KR	

Revision	Date	Description	Drawn	Apprvd.
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Client Manchester City Council

Project Our Town Hall

Drg Title Typical Paving Details

Created on	Created by	Approved by
30.11.18	AD	MS/KR

Scale	Size	Workstage
1:20	A1	Stage 5

Drg No.	Suitability	Revision
OTH-PLA-EE-ES-DWG-L-5000	S4	C02