

Peter Mickleburgh

From: Paul Neilson
Sent: 29 November 2022 14:31
To: Peter Mickleburgh
Subject: FW: NOMA 4AS : External Paving sample panel

Paul Neilson
Senior Contracts Manager

Tel: +44 (0)161 493 1880(x4258) | Mob: 07500 761856
North West Regional Office, 1st Floor, Altitude, Atlas Business Park, Manchester, M22 5PR

Email | Website



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From: Jennifer Atkinson <jennifer.atkinson@manchester.gov.uk>
Sent: 27 October 2022 12:45
To: Paul Neilson <p.neilson@bandk.co.uk>
Subject: Re: NOMA 4AS : External Paving sample panel

Paul

This looks fine, thanks jEN

Jennifer Atkinson
Principal Planning Manager

Development Management Central Core
Planning Building Control and Licensing - Growth and Development
Manchester City Council

Tel: 0161 234 4517
Email: jennifer.atkinson@manchester.gov.uk
www.manchester.gov.uk

Location address: Manchester City Council Town Hall Extension Lloyd Street Manchester M2 5DB.
Postal Address: Manchester City Council P.O. Box 532 Town Hall Manchester M60 2LA

From: Paul Neilson <p.neilson@bandk.co.uk>
Sent: 27 October 2022 10:54
To: Jennifer Atkinson <jennifer.atkinson@manchester.gov.uk>
Subject: RE: NOMA 4AS : External Paving sample panel

Hi Jen,

Sorry for the slight delay in coming back with the photos of our paving sample panel, we were awaiting the attached report from Planit, as they had completed an inspection.

Will the attached be sufficient for us to formally submit for discharge of the condition?

Regards
Paul

Paul Neilson
Senior Contracts Manager

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From: Jennifer Atkinson <jennifer.atkinson@manchester.gov.uk>
Sent: 26 September 2022 16:06
To: Paul Neilson <p.neilson@bandk.co.uk>
Subject: Re: NOMA 4AS : External Paving sample panel

Thanks Paul, Jen

Jennifer Atkinson
Principal Planning Manager

Development Management Central Core
Planning Building Control and Licensing - Growth and Development
Manchester City Council

Tel: 0161 234 4517
Email: jennifer.atkinson@manchester.gov.uk
www.manchester.gov.uk

Location address: Manchester City Council Town Hall Extension Lloyd Street Manchester M2 5DB.
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From: Paul Neilson <p.neilson@bandk.co.uk>
Sent: 26 September 2022 16:04
To: Jennifer Atkinson <jennifer.atkinson@manchester.gov.uk>
Subject: RE: NOMA 4AS : External Paving sample panel

Jen,

Thanks for the quick response.

I'll get a photo when I am next on site and I will send it to you.

Regards

Paul

Paul Neilson

Senior Contracts Manager

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From: Jennifer Atkinson <jennifer.atkinson@manchester.gov.uk>

Sent: 26 September 2022 15:45

To: Paul Neilson <p.neilson@bandk.co.uk>

Subject: Re: NOMA 4AS : External Paving sample panel

Paul

Are you able to send me a photo in the first instance? I can come to site however, if necessary.

Thanks Jen

Jennifer Atkinson

Principal Planning Manager

Development Management Central Core

Planning Building Control and Licensing - Growth and Development

Manchester City Council

Tel: 0161 234 4517

Email: jennifer.atkinson@manchester.gov.uk

www.manchester.gov.uk

Location address: Manchester City Council Town Hall Extension Lloyd Street Manchester M2 5DB.

Postal Address: Manchester City Council P.O. Box 532 Town Hall Manchester M60 2LA

From: Paul Neilson <p.neilson@bandk.co.uk>

Sent: 26 September 2022 15:21

To: Jennifer Atkinson <jennifer.atkinson@manchester.gov.uk>

Subject: NOMA 4AS : External Paving sample panel

Hi Jennifer,

Hope you are well.

We've prepared an external work paving sample panel for review, in support of the applicable planning condition.

Would it be you that needs to attend to inspect?

If you could let me know and we can get a date agreed?

Many thanks

Paul

Paul Neilson
Senior Contracts Manager

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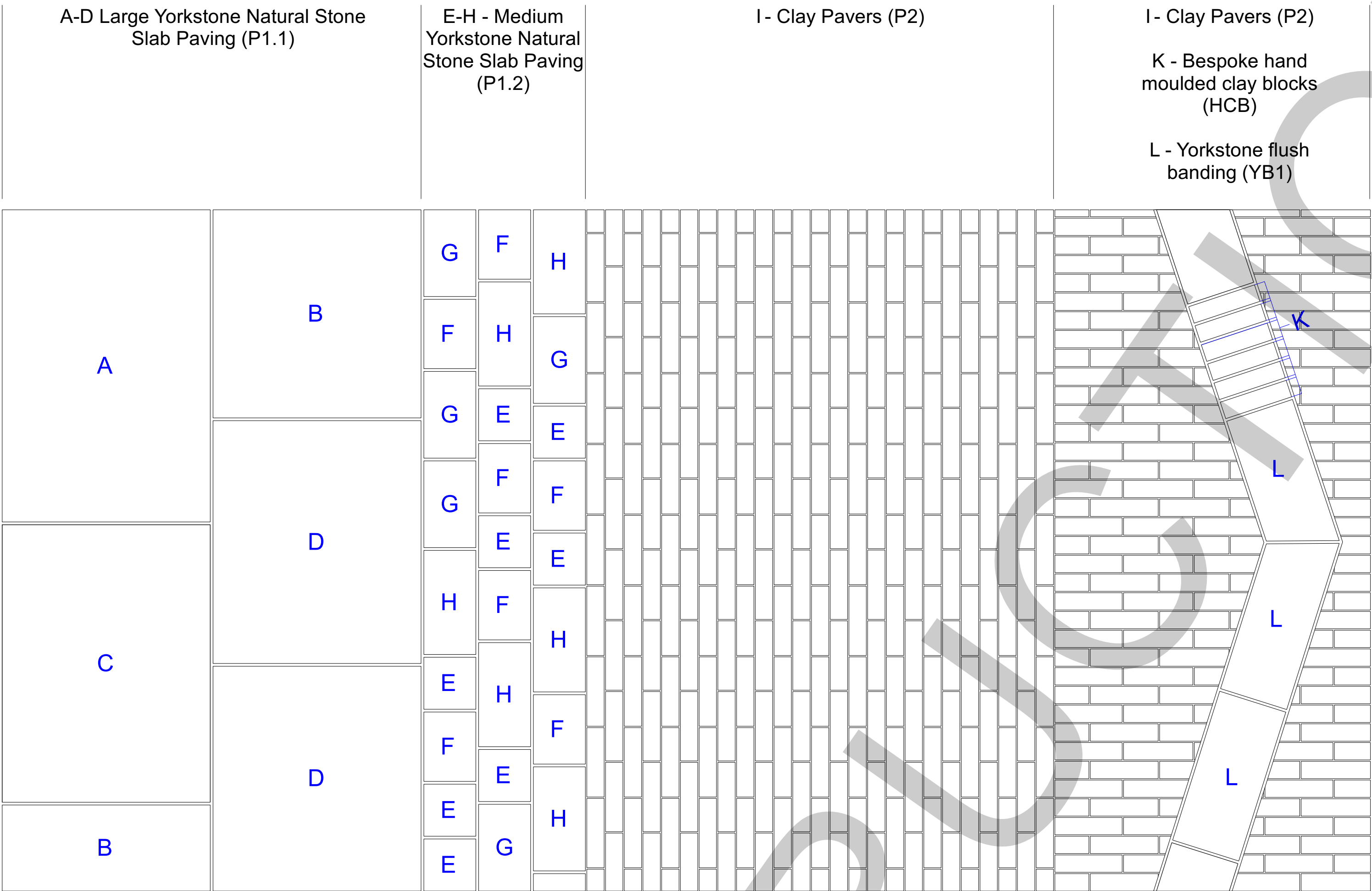
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A-D - Large Yorkstone natural Stone Slab Paving (P1.1)
Product: 'Scoutmoor' Yorkstone or similar and approved.
Colour: Greyish buff

Dimensions:
A 600mm (W) x 900mm (L) x 75mm (D)
B 600mm (W) x 600mm (L) x 75mm (D)
C 600mm (W) x 800mm (L) x 75mm (D)
D 600mm (W) x 700mm (L) x 75mm (D)

Finish: Diamond sawn all sides
Jointing width 8mm (6-10mm)
Bond: Random stretcher bond to create mixed blend
Laid: Fully rigid construction, concrete slab with proprietary mortar system for bedding (Tuffbed by Steintec or equal and approved), jointing (Tufftop) and primer (Tuffbond) to Engineer's specification
Supplier: Hardscape or equal and approved

E-H - Medium Yorkstone Natural Stone Slab Paving (P1.2)
Product: 'Scoutmoor' Yorkstone or similar and approved.
Colour: Greyish buff

Dimensions:
E 150mm (W) x 150mm (L) x 75mm (D)
F 150mm (W) x 200mm (L) x 75mm (D)
G 150mm (W) x 250mm (L) x 75mm (D)
H 150mm (W) x 300mm (L) x 75mm (D)

Finish: Diamond sawn all sides
Jointing Width 8mm (6-10mm)
Bond: Random stretcher bond to create mixed blend
Laid: Fully rigid construction, concrete slab with proprietary mortar system for bedding (Tuffbed by Steintec or equal and approved), jointing (Tufftop) and primer (Tuffbond) to Engineer's specification
Supplier: Hardscape or equal and approved

I - Clay pavers- (P2)
Product: Wienerberger clay pavers
Colour: 50% Bruno WF (sanded)/ 50% Mastiek WF (sanded).

Dimensions: 50mm (W) x 200mm (L) x 85mm (D).

Jointing width: 3mm (2-5mm)
Bond: Stretcher bond, to include drain joints between every other joint.
Laid: Flexibly to engineer's details
Pattern: Stretcher bond.
Supplier: Hardscape or equal and approved

K - Bespoke hand moulded clay blocks (HCB)
Bespoke hand moulded clay blocks by Standard practice to sit within yorkstone band. To be engraved with historic factory numbers. To be developed with NOMA branding team.
Dimensions: 50mm (W) x 200mm (L) x 65mm (D).
Jointing width: 3mm (2-5mm)
Laid: Flexibly to engineer's details
Pattern: Stack bond

L - Yorkstone flush banding (YB1)
Product: 'Scoutmoor' Yorkstone
Colour: Greyish buff
Finish: Diamond sawn all sides
Dimensions: 200mm(W) x 450mm(L) x 63mm(D)
Cut units: lengths no smaller than 300mm
Bond: Stack bond
Laid: Fully rigid construction, concrete slab with proprietary mortar system for bedding (Tuffbed by Steintec or equal and approved), jointing (Tufftop) and primer (Tuffbond) to Engineer's specification
Supplier: Hardscape or equal and approved

S4-C03	25-10-22	Yorkstone spec - or similar and approved	TF	KR
S4-C02	12-08-22	P2.1 / P2.2 combined - colour, finish and depth updated.	TF	KR
S4-C01	01-04-22	for construction	TF	KR
S2-P02	19-01-22	For information	TF	KR
S3-P01	14-12-21	For comment / review	JN	KR
Revision	Date	Description	Drawn	Apprvd.

Client MEPC

Project Noma, Plot P, Manchester

Drg Title Sample Panel Layout

Created on 13.12.21
Created by JN
Approved by KR

Scale 1:10
Size A1
Workstage Stage 5

Drg No. NP4-PLA-04-XX-DR-L-5009
Suitability S4
Revision C03

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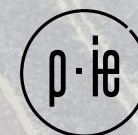
NOTES:
1. Do not scale from this drawing.
2. Always work to noted dimensions.
3. All dimensions are in millimetres unless otherwise stated.
4. All setting out, levels and dimensions to be agreed on site.
5. The dimensions of all materials must be checked on site before being laid out.
6. This drawing must be read with the relevant specification clauses and detail drawings.
7. Order of construction and setting out to be agreed on site.

25/10/22

ISSUED

4 Angel Square

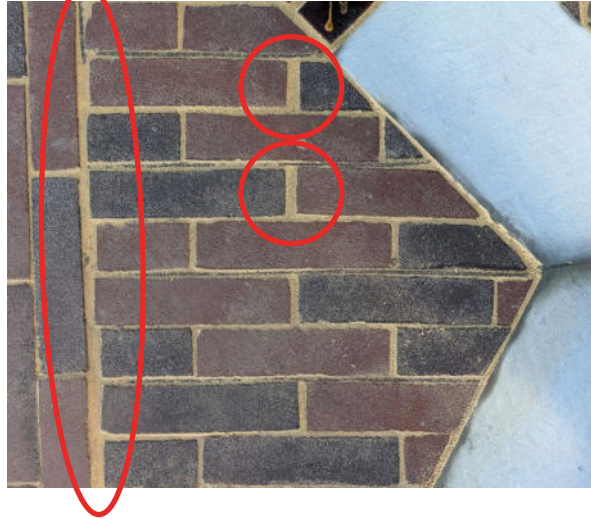
Samples Panel Comments



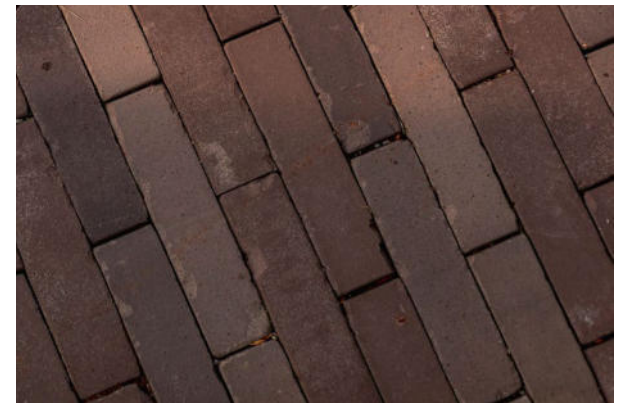
Comment 1 - Clay paver joints too wide.

Joints look to be up to 10mm - they need to be 3-4mm as specified - see example images for reference.

SAMPLE PANEL REVIEWED ON SITE



REFERENCE IMAGES



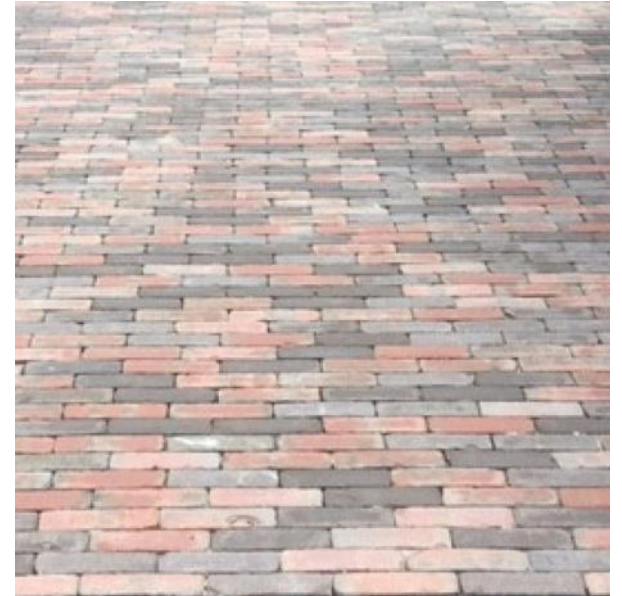
Comment 2 - two colours of clay paving to be laid in a random mix.

The two paver colours have been laid alternately resulting in diagonal striped. This is not the desired result - they need to be laid in a random mix - see reference images.

SAMPLE PANEL REVIEWED ON SITE



REFERENCE IMAGES

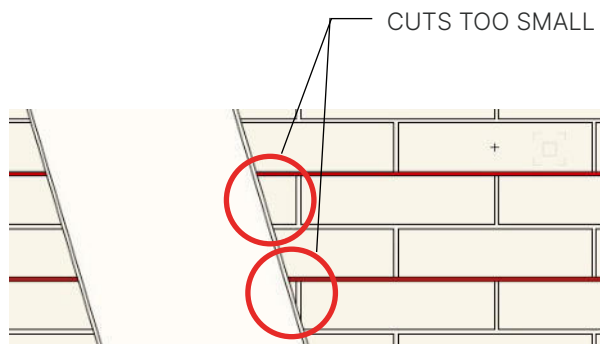
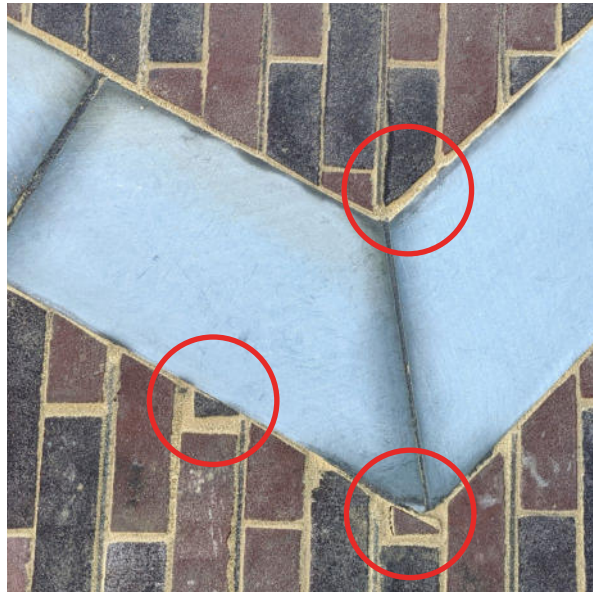


Comment 3 - Omit small angled cuts.

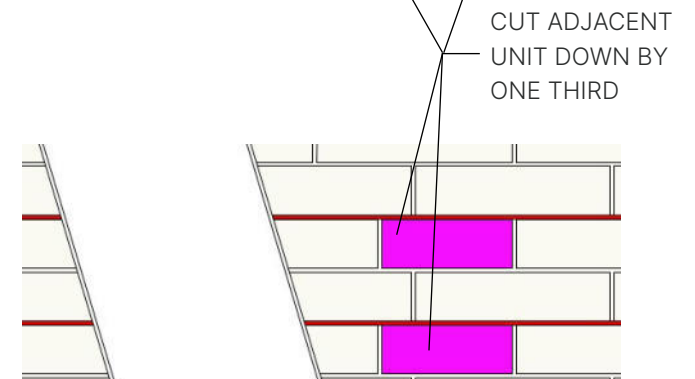
Units cut to angles to be more consistent.

Units cut to angle not to be less than 1/3 of original unit size. Cut the adjacent unit down by one third - 133mm - to enable a larger cut angle unit.

SAMPLE PANEL REVIEWED ON SITE



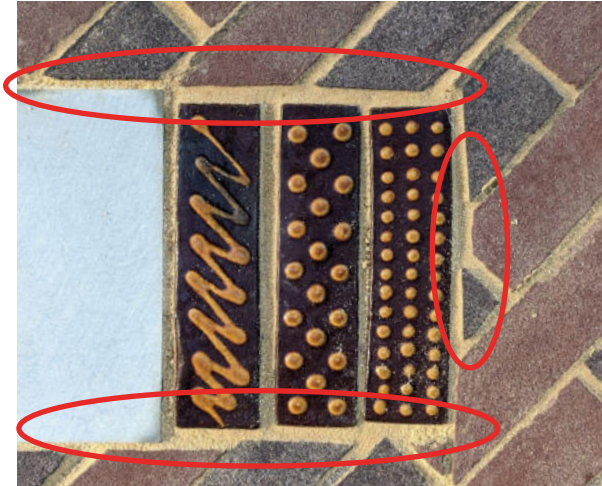
REFERENCE IMAGES



Comment 4 - Neater cuts to angles.

Angled cuts to run through in a straight line.

SAMPLE PANEL REVIEWED ON SITE



Angled cuts to run through in a straight line.



REFERENCE IMAGES



Comment 5 - Felt joints to be cut to finish 2-3mm below finish paving level.

Felt joints rise above paving level in some areas which looks untidy and can pose a trip hazard.



Comment 5 - Fill up mortar joints in yorkstone paving to be flush with paving.

Top up joints in yorkstone paving to ensure consistent level throughout.



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