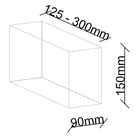


RECLAIMED SCOTTISH WHINSTONE SETT

SPECIFICATION

1. MATERIAL: SCOTTISH WHINSTONE (BS EN 1342:2012)

2. SIZE: 90mm WIDE +/-10mm, 150mm DEEP +/- 10mm, RANDOM LENGTH 125 - 300mm

3. FINISH: AS SUPPLIED TO MATCH EXISTING SETTS ON SITE. SETT TOP SURFACES TO HAVE SMOOTH, FLAT OR SLIGHTLY ROUNDED TOP SURFACE. MAXIMUM HEIGHT OF ROUNDED TOP ABOVE SETT EDGES TO BE 5mm. EDGES / CORNERS TO BE SLIGHTLY ROUNDED.

4. COLOUR: NATURAL GREY TONES TO MATCH EXISTING SETTS ON SITE

5. SUPPLIER: TRADSTOCKS : Dunaverig / Thornhill / Stirling / FK8 3QW / T : 01786 850400 OR EQUAL AND APPROVED

6. SETTS LAID IN ACCORDANCE WITH BS EN 7533-7:2010

7. SETTS LAID IN STRETCHER BOND AS ILLUSTRATED ON THE DRAWINGS WITH MIN. 50mm OVERLAP BETWEEN ADJACENT JOINTS AVOIDING RESBIN JOINTS.

8. JOINTS TO BE 10mm WIDTH +/- 2mm TOLERANCE. JOINTS TO BE FLUSH WITH SETT EDGES ALLOWING SETTS NATURAL ROUNDED SURFACE TO BE PROUD TO A MAX OF 5mm. JOINTS TO BE FILLED WITH WHINDUST WITH AGGREGATE SIZE 4mm TO DUST. DUST TO BE BRUSHED INTO JOINTS AND COMPACTED / VIBRATED TO ENSURE JOINTS ARE COMPLETELY FULL AND SOLID. EXCESS DUST MATERIAL TO BE REMOVED.

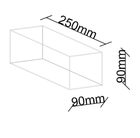
9. APPEARANCE: SETTS LAID IN A NEAT PATTERN WITH STRAIGHT AND REGULAR ROWS OF SETTS. JOINTS TO BE CONSISTENTLY STRAIGHT AND PARALLEL THROUGHOUT.

10. SURFACE: GENERALLY LAID FLAT TO THE GRADIENTS ILLUSTRATED ON THE DRAWINGS. MAXIMUM UNDULATIONS IN THE SURFACE OF PAVINGS UNDER A 1m STRAIGHT EDGE PLACED ANYWHERE ON THE SURFACE: 5mm. THE DIFFERENCE IN LEVEL BETWEEN ADJACENT SETTS TO BE MAX 2mm. SUDDEN IRREGULARITIES WILL NOT BE PERMITTED.

11. SETTS SHOULD NOT BE CUT AND ROWS SHOULD BE COMPLETED UTILISING THE VARIETY OF SETT LENGTHS AVAILABLE AND JOINT TOLERANCES. CONTRACTOR SHOULD ENSURE THAT SUFFICIENT SHORTER SETTS UNITS ARE SUPPLIED TO ALLOW FOR CREATION OF CASTELLATED PAVING AT ALL EDGES TO START AND END STRETCHER BOND PAVING.

12. SETTS WILL ALWAYS BE LAID EITHER PERPENDICULAR OR PARALLEL TO EDGINGNS, KERBS, WALLS OR BUILDING LINES UNLESS OTHERWISE SHOWN ON DRAWINGS.

13. APPROVALS: PROVIDE SAMPLE OF PRODUCT PRIOR TO PLACING ORDER DEMONSTRATING TYPICAL COLOUR, SIZE AND APPEARANCE. CONSTRUCT 2m x 2m SURFACE AREA AND GAIN APPROVAL FOR QUALITY AND APPEARANCE.



NEW 'CYCLE FRIENDLY' SCOTTISH WHINSTONE SETT:

SPECIFICATION

1. MATERIAL: SCOTTISH WHINSTONE (BS EN 1342:2012)

2. SIZE: 90mm WIDE, 90mm DEEP, RANDOM LENGTH 125 - 250mm

3. FINISH: SAWN SIDES, FLAMED TOP / EXPOSED SURFACE AND TUMBLED TO ROUND EDGES.

4. COLOUR: NATURAL GREY TONES TO MATCH EXISTING SETTS ON SITE.

5. SUPPLIER: TRADSTOCKS : Dunaverig / Thornhill / Stirling / FK8 3QW / T : 01786 850400 OR EQUAL AND APPROVED

6. SETTS LAID IN ACCORDANCE WITH BS EN 7533-7:2010

7. SETTS LAID IN STRETCHER BOND AS ILLUSTRATED ON THE DRAWINGS WITH MIN. 50mm OVERLAP BETWEEN ADJACENT JOINTS AVOIDING RESBIN JOINTS.

8. JOINTS TO BE 5mm WIDTH +/- 1mm TOLERANCE. JOINTS TO BE FLUSH WITH SETT EDGES. JOINTS TO BE FILLED WITH WHINDUST WITH AGGREGATE SIZE 4mm TO DUST. DUST TO BE BRUSHED INTO JOINTS AND COMPACTED / VIBRATED TO ENSURE JOINTS ARE COMPLETELY FULL AND SOLID. EXCESS DUST MATERIAL TO BE REMOVED.

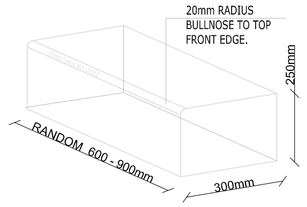
9. APPEARANCE: SETTS LAID IN A NEAT PATTERN WITH STRAIGHT AND REGULAR ROWS OF SETTS. JOINTS TO BE CONSISTENTLY STRAIGHT AND PARALLEL THROUGHOUT.

10. SURFACE: GENERALLY LAID FLAT TO THE GRADIENTS ILLUSTRATED ON THE DRAWINGS. MAXIMUM UNDULATIONS IN THE SURFACE OF PAVINGS UNDER A 1m STRAIGHT EDGE PLACED ANYWHERE ON THE SURFACE: 3mm. THE DIFFERENCE IN LEVEL BETWEEN ADJACENT SETTS TO BE MAX 2mm. SUDDEN IRREGULARITIES WILL NOT BE PERMITTED.

11. SETTS SHOULD NOT BE CUT AND ROWS SHOULD BE COMPLETED UTILISING THE VARIETY OF SETT LENGTHS AVAILABLE AND JOINT TOLERANCES. CONTRACTOR SHOULD ENSURE THAT SUFFICIENT SHORTER SETTS UNITS ARE SUPPLIED TO ALLOW FOR CREATION OF CASTELLATED PAVING AT ALL EDGES TO START AND END STRETCHER BOND PAVING.

12. SETTS WILL ALWAYS BE LAID EITHER PERPENDICULAR OR PARALLEL TO EDGINGNS, KERBS, WALLS OR BUILDING LINES UNLESS OTHERWISE SHOWN ON DRAWINGS.

13. APPROVALS: PROVIDE SAMPLE OF PRODUCT PRIOR TO PLACING ORDER DEMONSTRATING TYPICAL COLOUR, SIZE AND APPEARANCE. CONSTRUCT 2m x 2m SURFACE AREA AND GAIN APPROVAL FOR QUALITY AND APPEARANCE.



K1 TYPICAL GRANITE KERB UNIT

GRANITE KERB

SPECIFICATION

1. MATERIAL: UK OR EUROPEAN SOURCED WHITE OR LIGHT GREY GRANITE. RECLAIMED GRANITE KERBS WOULD BE CONSIDERED AS LONG AS THE GENERAL SPECIFICATION BELOW IS MET, AND SAMPLE APPROVED.

2. SIZE: 300mm WIDE, 250mm DEEP, RANDOM LENGTHS 600-900mm

3. FINISH: ALL SIDES SAWN WITH TOP AND FACE FLAMED TEXTURED. 20mm RADIUS BULLNOSE TO FRONT FACING TOP EDGE.

4. COLOUR: WHITE OR LIGHT GREY

5. SUPPLIER: HARDSCAPE www.hardscape.co.uk OR EQUAL OR APPROVED.

6. SPECIAL UNITS: K2, K3 and K4, AS ILLUSTRATED ON THIS DRAWING

7. LAID IN STRAIGHT LINES OR SMOOTH FLOWING CURVES AS ILLUSTRATED ON THE DRAWINGS.

8. JOINTS TO BE DRY WITH 2-3mm AIR GAP.

9. NO INDIVIDUAL KERB UNIT TO BE CUT LESS THAN 450mm LENGTH.

10. KERB UNITS WILL BE LAID NEATLY AND ACCURATELY IN STRAIGHT OR RADIUS LINES. STRAIGHT KERB SECTIONS SHALL MEET RADIUS KERB UNITS ON AN ACCURATE TANGENT POINT. KINKS BETWEEN STRAIGHT AND RADIUS KERB SECTIONS SHALL NOT BE PERMITTED. THE CONTRACTOR SHALL ALLOW FOR CUTTING KERB UNITS TO FIT SETTING OUT DIMENSIONS. WHERE REQUIRED KERB UNITS WILL BE CUT NEATLY AND ACCURATELY WITH A MASONRY SAW EITHER AT 90 OR 45 DEGREE ANGLES TO THE KERB FACE UNLESS OTHERWISE AGREED WITH THE PROJECT MANGER. CUT KERBS WILL ALSO BE LOCATED CENTRALLY WITHIN ANY RUN AND NOT LOCATED IMMEDIATELY ADJACENT TO A CHANGE IN DIRECTION AND OR KERB TERMINUS POINT.

COLOURED ASPHALT

SPECIFICATION

1. MATERIAL: 'MASTERTINT' COLOURED ASPHALT, OR EQUAL AND APPROVED

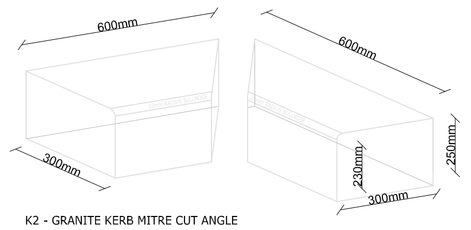
2. SIZE: 6mm AGGREGATE

3. COLOUR: 'NATURAL GRAVEL'

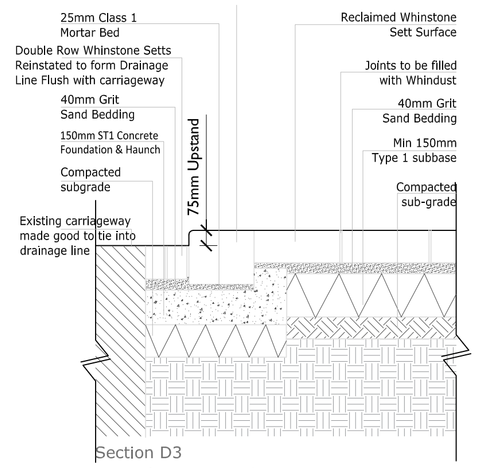
4. SUPPLIER: TARMAC - www.tarmac.co.uk

5. LAID IN ACCORDANCE WITH SUPPLIERS RECOMMENDATIONS

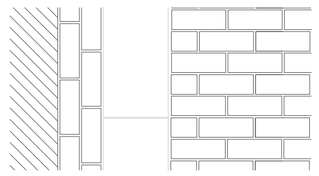
6. SURFACE TO BE LAID IN ONE PASS TO AVOID VISIBLE JOINTS OR SEAMS, AND LAID FLUSH WITH ADJACENT EDGINGS AND KERBS AVOIDING TRIPS OR SUDDEN CHANGES IN LEVEL.



K2 - GRANITE KERB MITRE CUT ANGLE



Section D3
Typical Granite Kerb



Plan D3
Typical Granite kerb

STEEL BOLLARD

SPECIFICATION

1. MATERIAL: MILD STEEL

2. SIZE: 1400MM TOTAL LENGTH, 900mm ABOVE GROUND, 175x175mm SQUARE SECTION, WITH FULLY WELDED CAP

3. FINISH: HOT DIPPED GALVANISED TO BS EN ISO 1461:2009, POWDER COATED

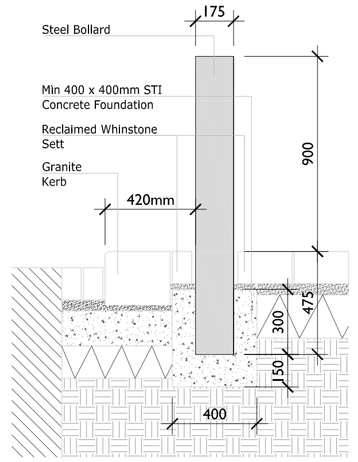
4. COLOUR: DARK RED / MAROON TO MATCH EXISTING STORAGE UNITS ON CANAL.. RAL TO BE CONFIRMED

5. SUPPLIER: BLUETON www.bluetonltd.com OR EQUAL AND APPROVED

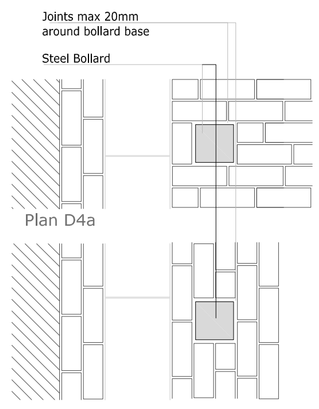
6. BOLLARDS INSERTED PLUMB VERTICAL AND ACCURATELY OFFSET 420mm FROM KERB LINE, AND AT 2.5m CENTERS.

7. APPEARANCE: CONSISTENT COLOUR AND FINISH FREE FROM MARKS, STAINS, SCRATCHES, DENTS ETC.

8. JOINTS AROUND BASE OF BOLLARD TO BE MAX 20mm AND TO PATTERNS ILLUSTRATED BELOW. EXCESSIVE AND / OR UNTIDY JOINTS AND / OR CUT SETTS WILL NOT BE PERMITTED.

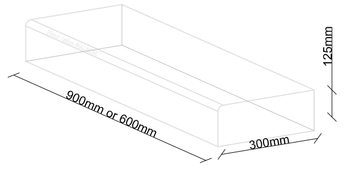


Section D4
Steel Bollard

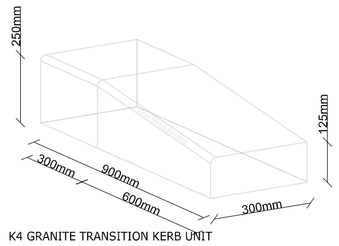


Plan D4a

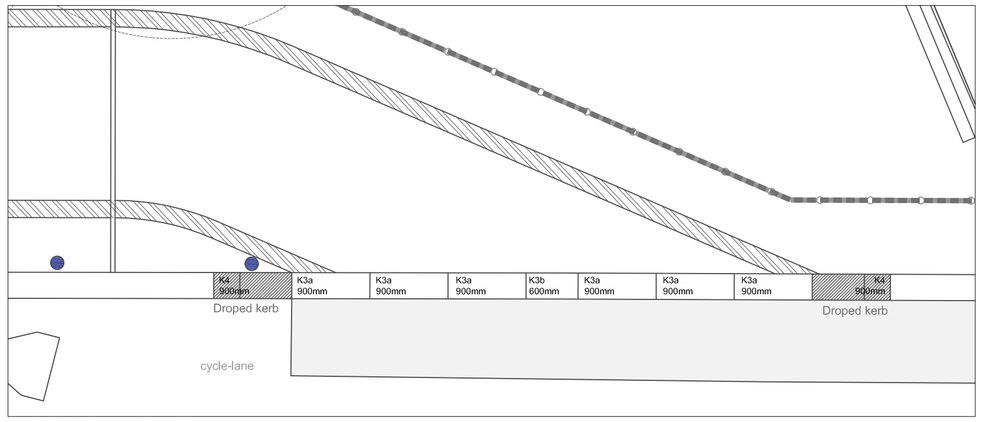
Plan D4b
Steel Bollard



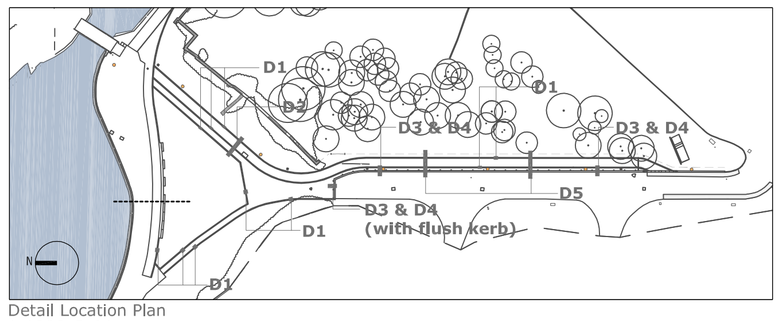
K3 GRANITE DROPPED KERB UNIT
K3a - 900mm length = 6 units
K3b - 600mm length = 1 unit



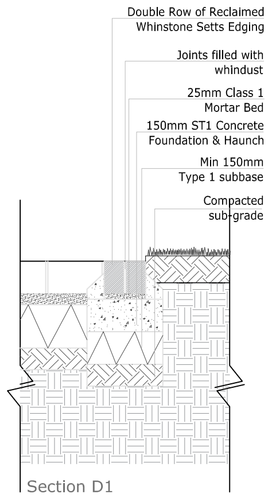
K4 GRANITE TRANSITION KERB UNIT
NOTE: THIS UNIT WILL NEED TO BE REPLICATED IN MIRROR



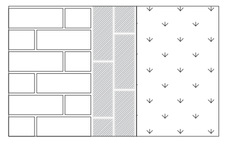
Kerb Detail Location Plan
1:50 @ A1



Detail Location Plan
1:1000 @ A1



Section D1
Double Row of Reclaimed Setts Edging



Plan D1
Double Row of Reclaimed Setts Edging

1. SETTS LAID IN DOUBLE ROW STRETCHER BOND AS ILLUSTRATED ON THE DRAWINGS WITH MIN. 50mm OVERLAP BETWEEN ADJACENT JOINTS AVOIDING RESBIN JOINTS.

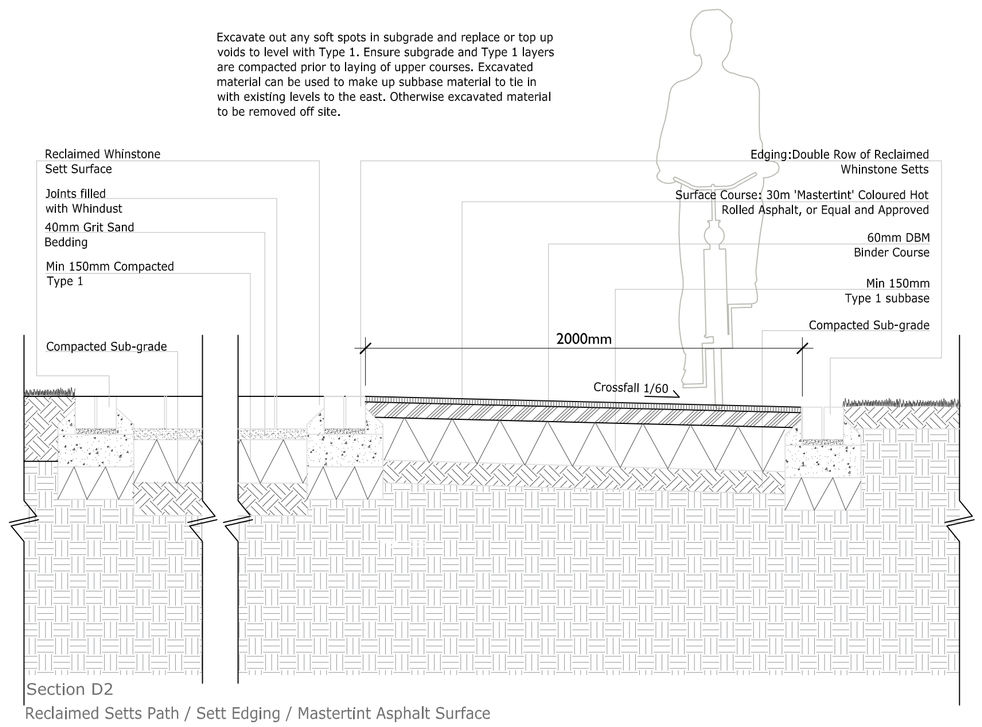
2. JOINTS TO BE 10mm WIDTH +/- 2mm TOLERANCE. JOINTS TO BE FLUSH WITH SETT EDGES ALLOWING SETTS NATURAL ROUNDED SURFACE TO BE PROUD TO A MAX OF 5mm.

3. JOINTS TO BE FILLED WITH WHINDUST WITH AGGREGATE SIZE 4mm TO DUST. DUST TO BE BRUSHED INTO JOINTS AND COMPACTED / VIBRATED TO ENSURE JOINTS ARE COMPLETELY FULL AND SOLID. EXCESS DUST MATERIAL TO BE REMOVED.

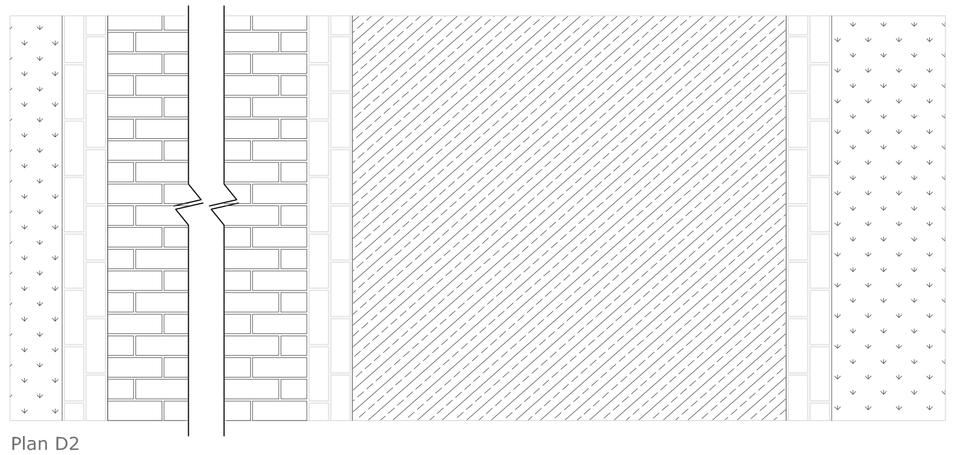
4. APPEARANCE: DOUBLE ROW TO BE LAID IN A NEAT STRAIGHT LINES OR SMOOTH FLOWING CURVES AS ILLUSTRATED ON THE DRAWINGS. KINKS OR '50p PIECE' EDGES WILL NOT BE PERMITTED UNLESS CLEARLY IDENTIFIED ON THE DRAWINGS. JOINTS TO BE CONSISTENTLY STRAIGHT AND PARALLEL THROUGHOUT.

5. SETTS SHOULD NOT BE CUT AND ROWS SHOULD BE COMPLETED UTILISING THE VARIETY OF SETT LENGTHS AVAILABLE AND JOINT TOLERANCES.

Excavate out any soft spots in subgrade and replace or top up voids to level with Type 1. Ensure subgrade and Type 1 layers are compacted prior to laying of upper courses. Excavated material can be used to make up subbase material to tie in with existing levels to the east. Otherwise excavated material to be removed off site.



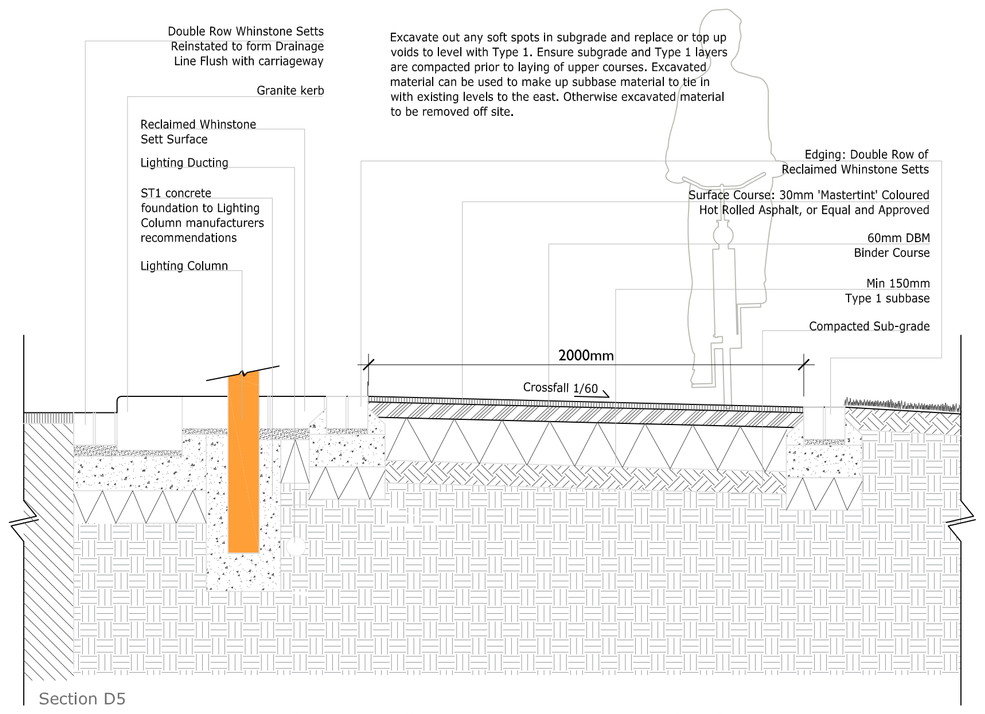
Section D2
Reclaimed Setts Path / Sett Edging / Mastertint Asphalt Surface



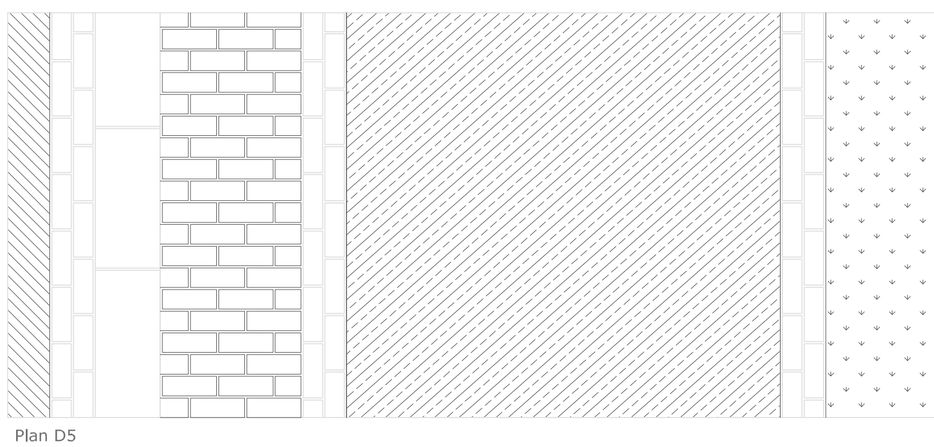
Plan D2
Reclaimed Setts Path / Sett Edgings / Mastertint Asphalt Surface

Double Row Whinstone Setts
Reinstated to form Drainage
Line Flush with carriageway
Granite kerb
Reclaimed Whinstone
Sett Surface
Lighting Ducting
ST1 concrete
foundation to Lighting
Column manufacturers
recommendations
Lighting Column

Excavate out any soft spots in subgrade and replace or top up voids to level with Type 1. Ensure subgrade and Type 1 layers are compacted prior to laying of upper courses. Excavated material can be used to make up subbase material to tie in with existing levels to the east. Otherwise excavated material to be removed off site.



Section D5
Upstand Granite Kerb / Lighting Column / Sett Buffer / Sett Edgings / Mastertint Asphalt Surface



Plan D5
Upstand Granite Kerb / Lighting Column / Sett Buffer / Sett Edgings / Mastertint Asphalt Surface

A	11.12.15	Tender Issue	RF	DAL	MT
Iss	Date	Issue Notes	Drawn	Des	Chkd

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glasgow@landuse.co.uk
www.landuse.co.uk

Project
Bairds Brae Environmental Improvements

Client
Scottish Canals

Title
Construction details

Scale	Status
1/20 @ A1	Tender

Job No.	Drawing No.	Issue
6575A	LD_DET_601	A

Do not scale from this drawing
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