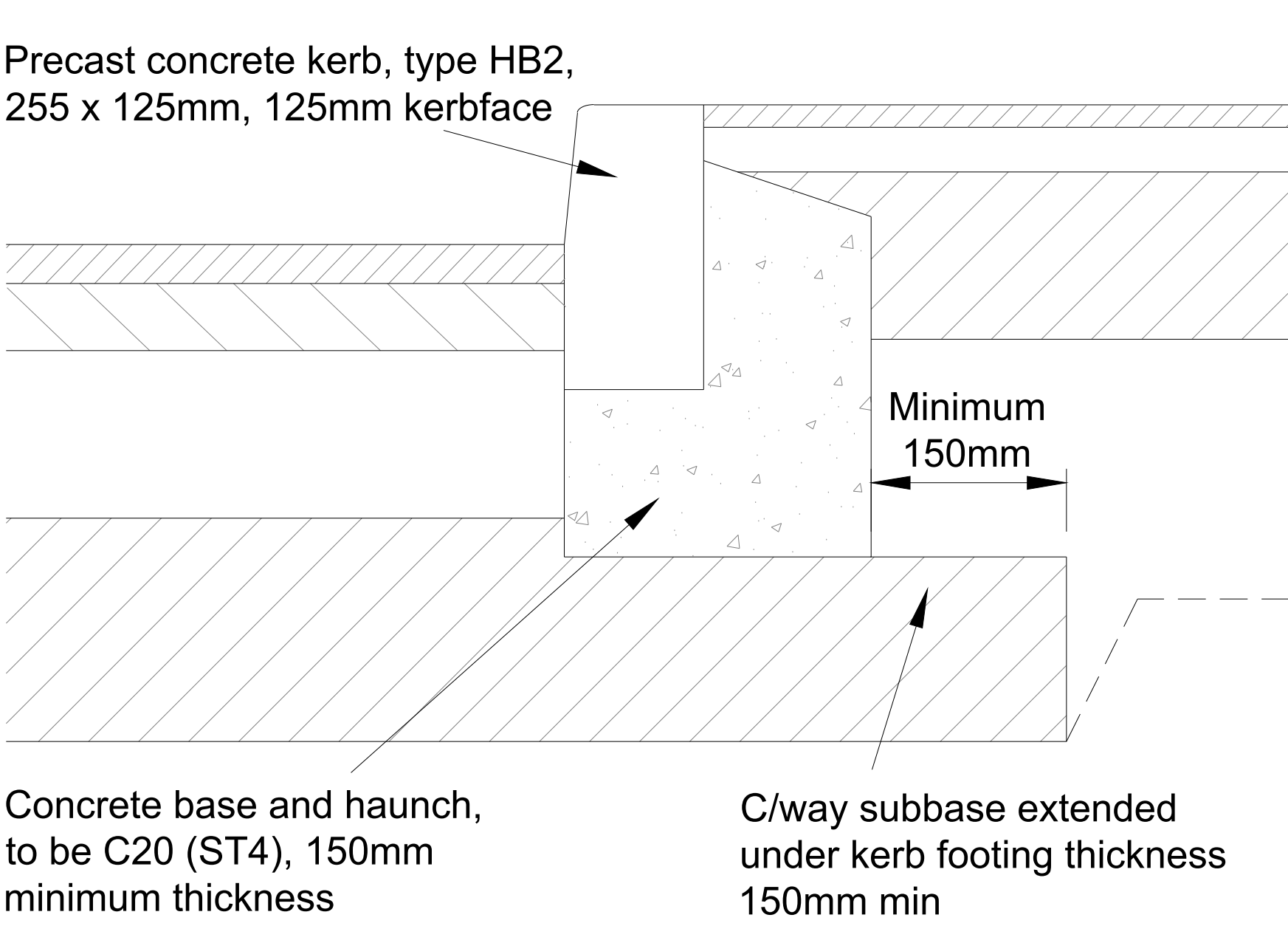
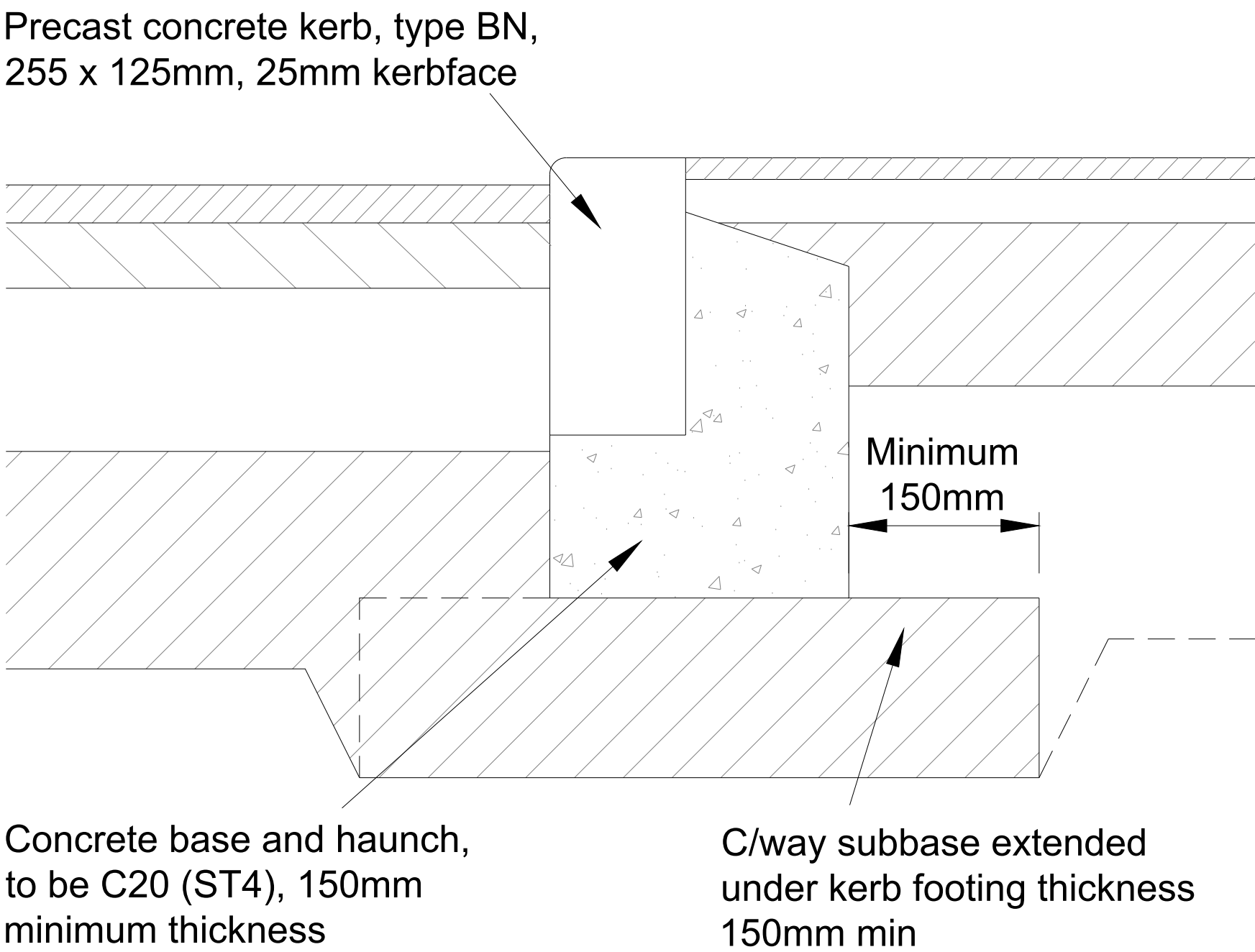
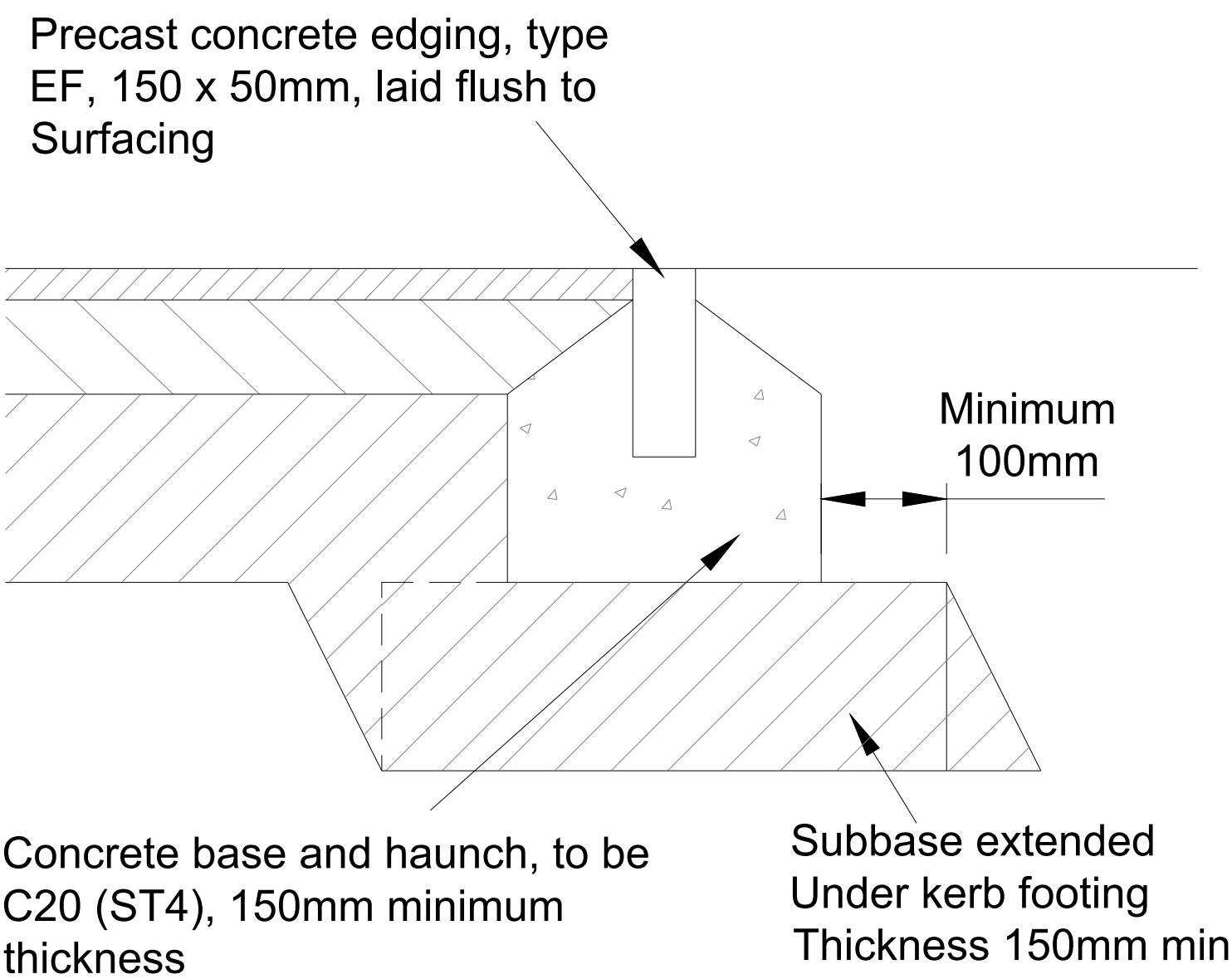




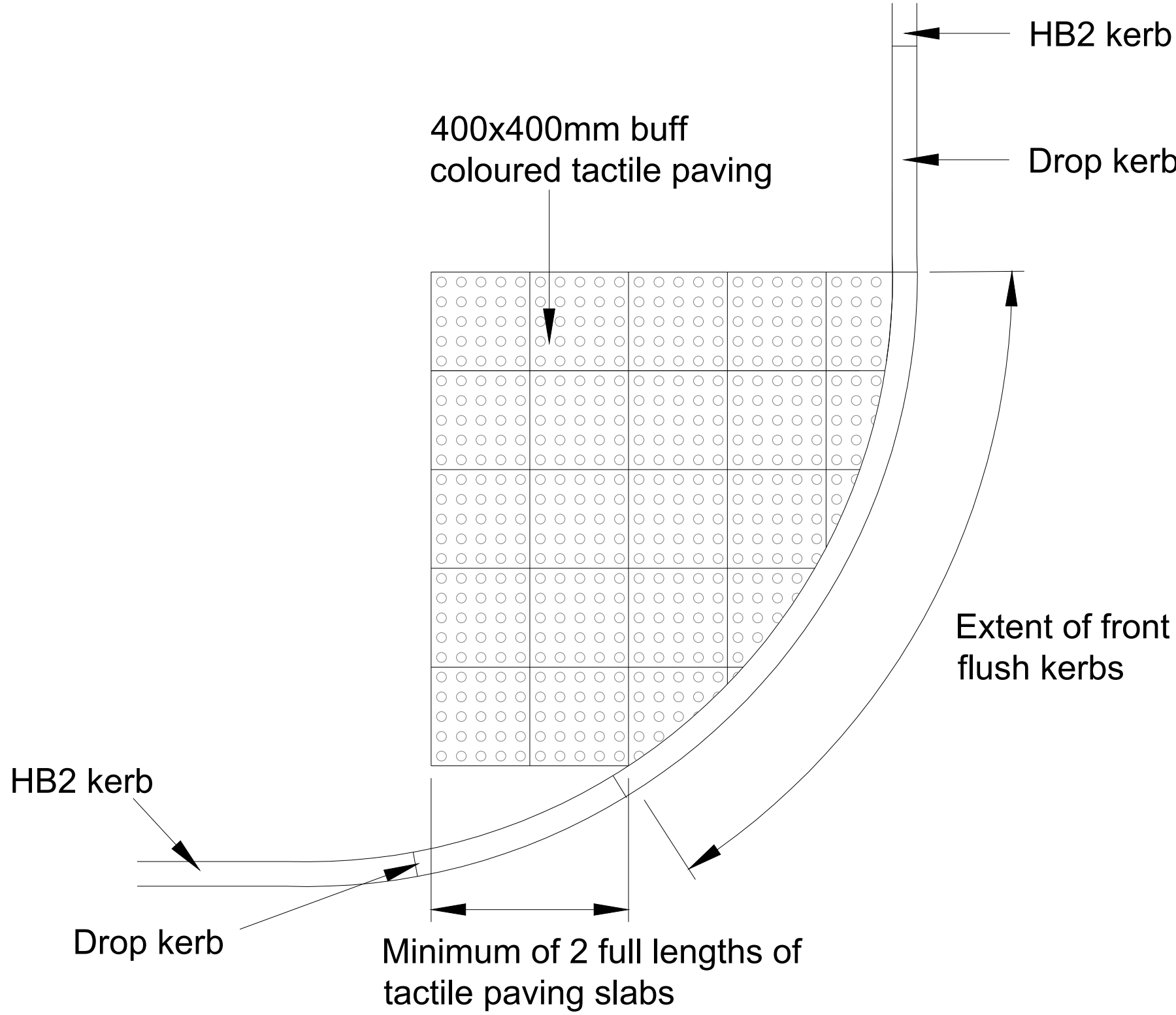
Precast Kerb, Type HB2



Precast Kerb, Type BN

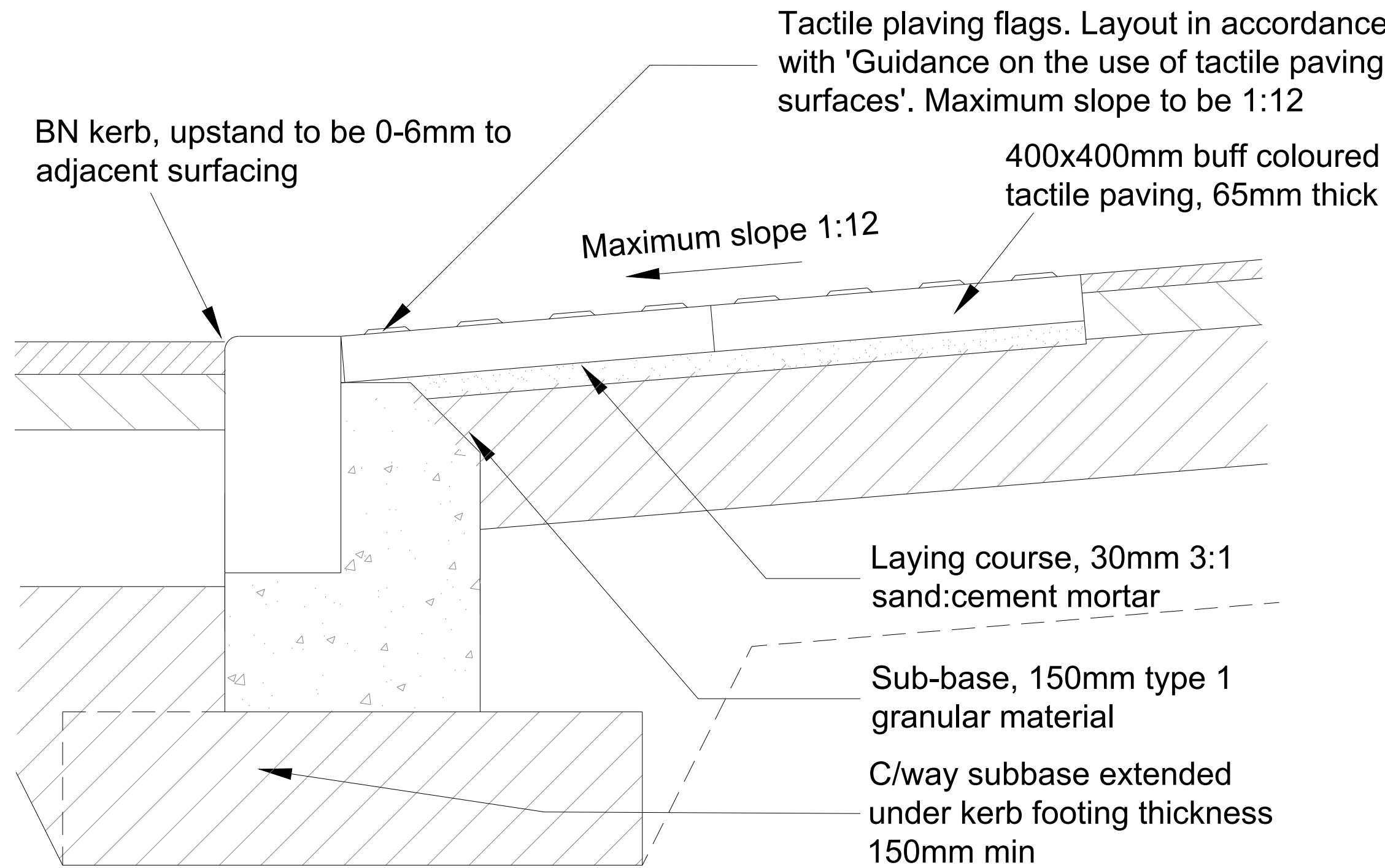


Precast Kerb, Type Ef

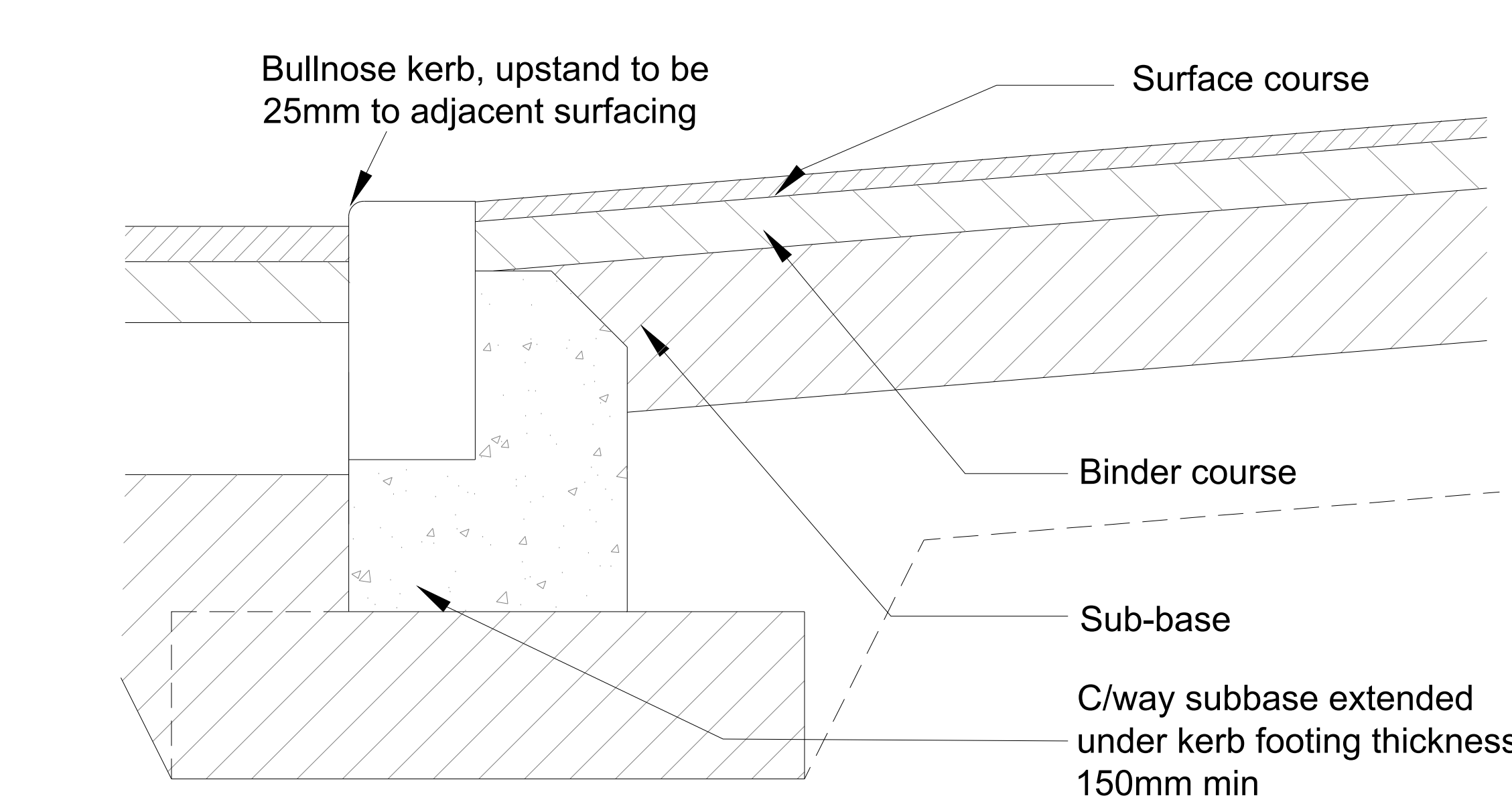


In-line Uncontrolled Pedestrian Crossing

- Notes:
1. Tactile paviors are to be aligned with the direction of the crossing. The crossing normally comprises eight uncut tactile paviors in two rows with cut paviors laid to rear of kerb as required.
 2. No tactile paving slab should be less than 1/3 of the slab size, however a continuous joint should be maintained.
 3. No dropped kerb should be less than half of the full length of the kerb and no block should be less than half of the full size.
 4. Dropped kerbs should be laid flush unless drainage problems are encountered, then a tolerance of 5mm will be allowed. Front flush kerbs should not be cut.

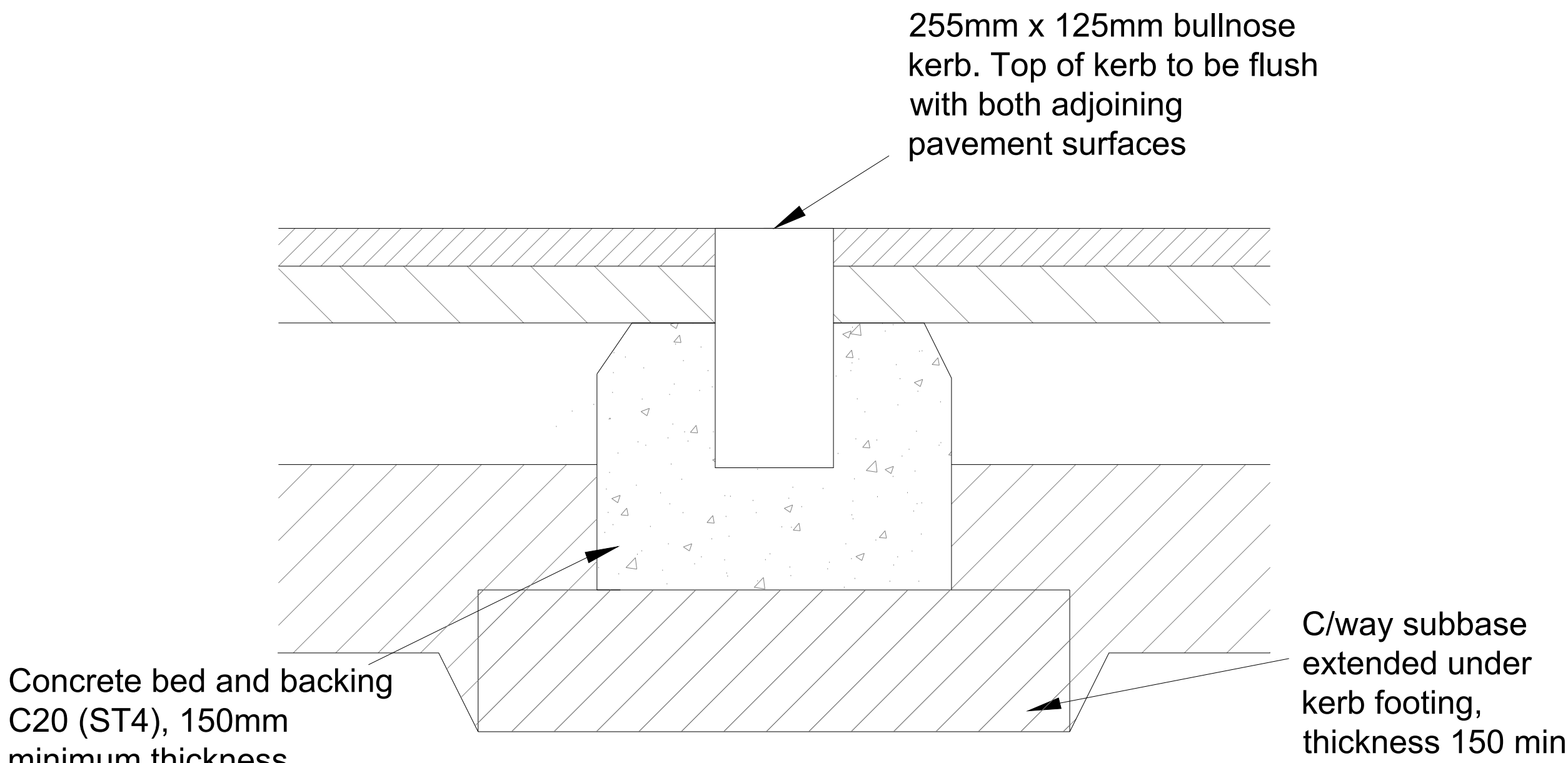


Kerbing/ Tactile Paving At Pedestrian Crossing

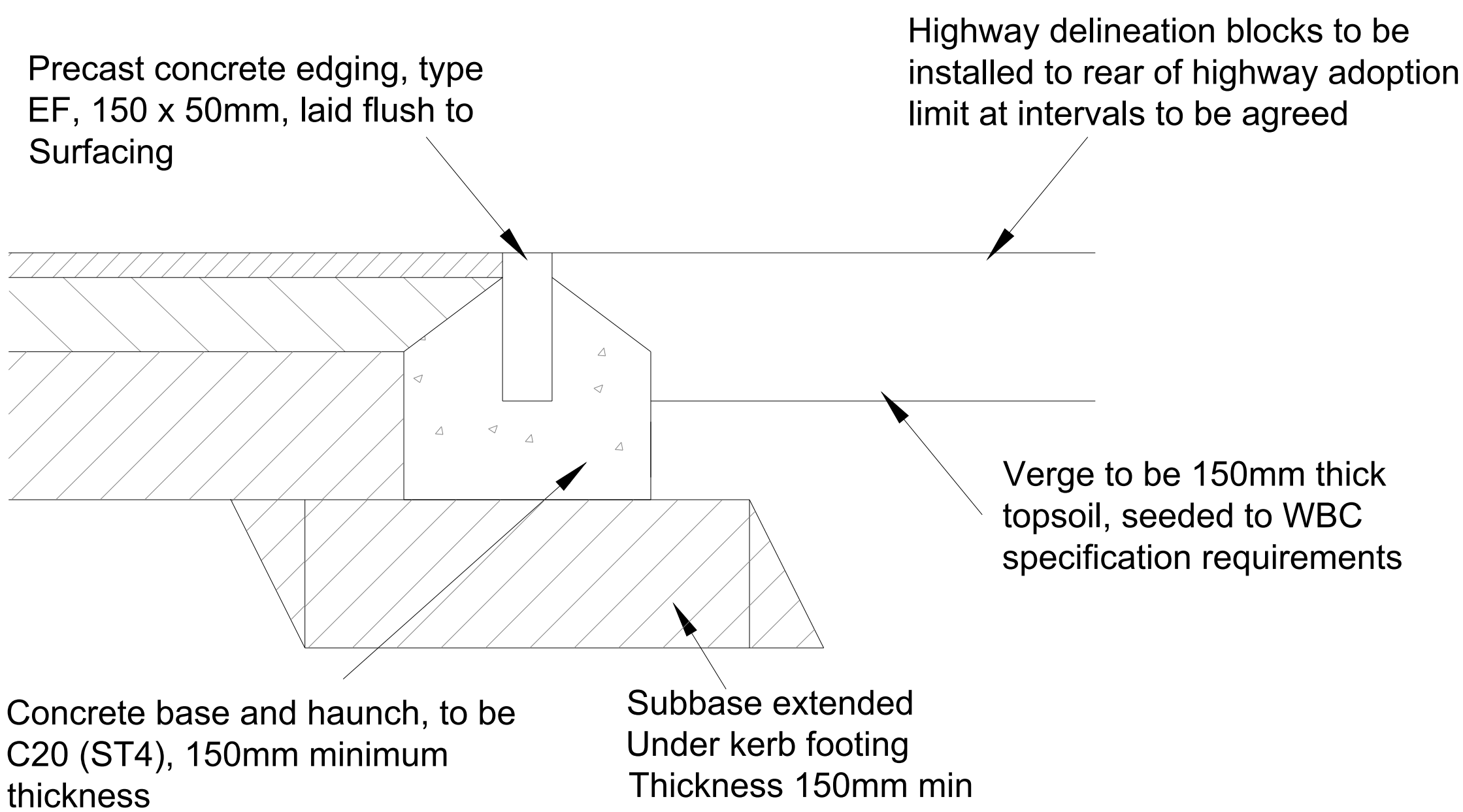


Kerbing At Vehicle Crossover

- Notes:
1. Vehicle crossings to be constructed to Type 1 in 2m wide footways, and to Type 2 in 3m cycleways, as per WBC drawing ref WDS_HD_04. Type 2 crossing to consist of 1m wide plateau and 2.0m wide ramp (including kerb width)



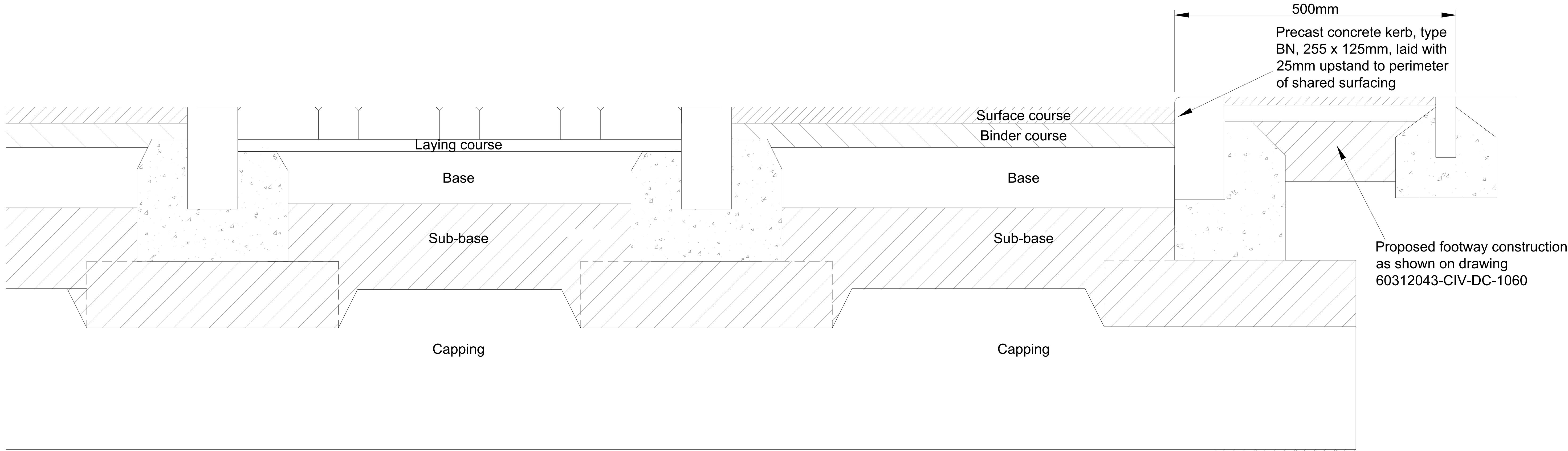
Delineation kerb to parallel car parking bays and Sainsbury's access vehicular crossover



Verge Detail

1. This drawing is not to be scaled.
2. All highway works to be in accordance with Wokingham Borough Council Design Guide 2019 and Specification, and in general accordance with MCHW Specification for Highway Works and Highway Construction Details.
3. Drawing to be read in conjunction with AECOM S38 drawing numbers '60312043-CIV-DC-1000-1140'
4. All works within the public highway must comply with current health and safety standards
5. Drawing subject to RMA and S38 approval
6. Highway drainage will be required to be tested prior to laying of the base course
7. Sub-grade CBR to be determined by using CBR test in accordance with BS 1377
8. Kerbs to be laid with 125mm upstand. Except where required to tie into existing kerb lines. At vehicle crossings the upstand is to be 25mm maximum. At dropped crossings for pedestrians and cyclists the upstand is to be 5mm maximum.
9. Tactile paving units and layouts to be in accordance with 'Guidance for use of tactile paving' (1999) produced by the DETR
10. Location of existing services and utilities to be confirmed prior to construction works commencing.
11. Speed table to be laid 75mm high kerb to kerb. 75mm height must not be exceeded (DfT TAL 02/96). It is recommended that the contractor adopts a laying specification of 65mm + 10mm / -0mm
12. For vehicle crossing and tactile paving layout refer to WBC highway construction details drawing WDS_HD_04
13. For inset parking bay layout refer to WBC highways construction details drawing WDS_HD_04
14. Sub-base beneath the footing shall be terminated with a fill slope at a slope of 2:1 (height:width) where the sub-base is composed of unbound granular material.
15. If kerbs and footing/ backing cannot be laid in one operation, then standard details shall be adapted to insert 20mm steel dowels at 450mm centres, minimum 50-80mm cover to all sides

Rev	Date	Detail	Issue	Drawn	Checked	Approved
P4	15.05.20	Delineation kerb detail file amended	AB	MBR	CP	
P3	05.12.24	Block paving detail added	RA	DM	CP	
P2	23.07.24	Construction details updated to WBC requirements, B16 kerbing added for shared surfaces	DM	MBR	CP	
P1	01.12.23	Final Issue	DM	DM	CP	



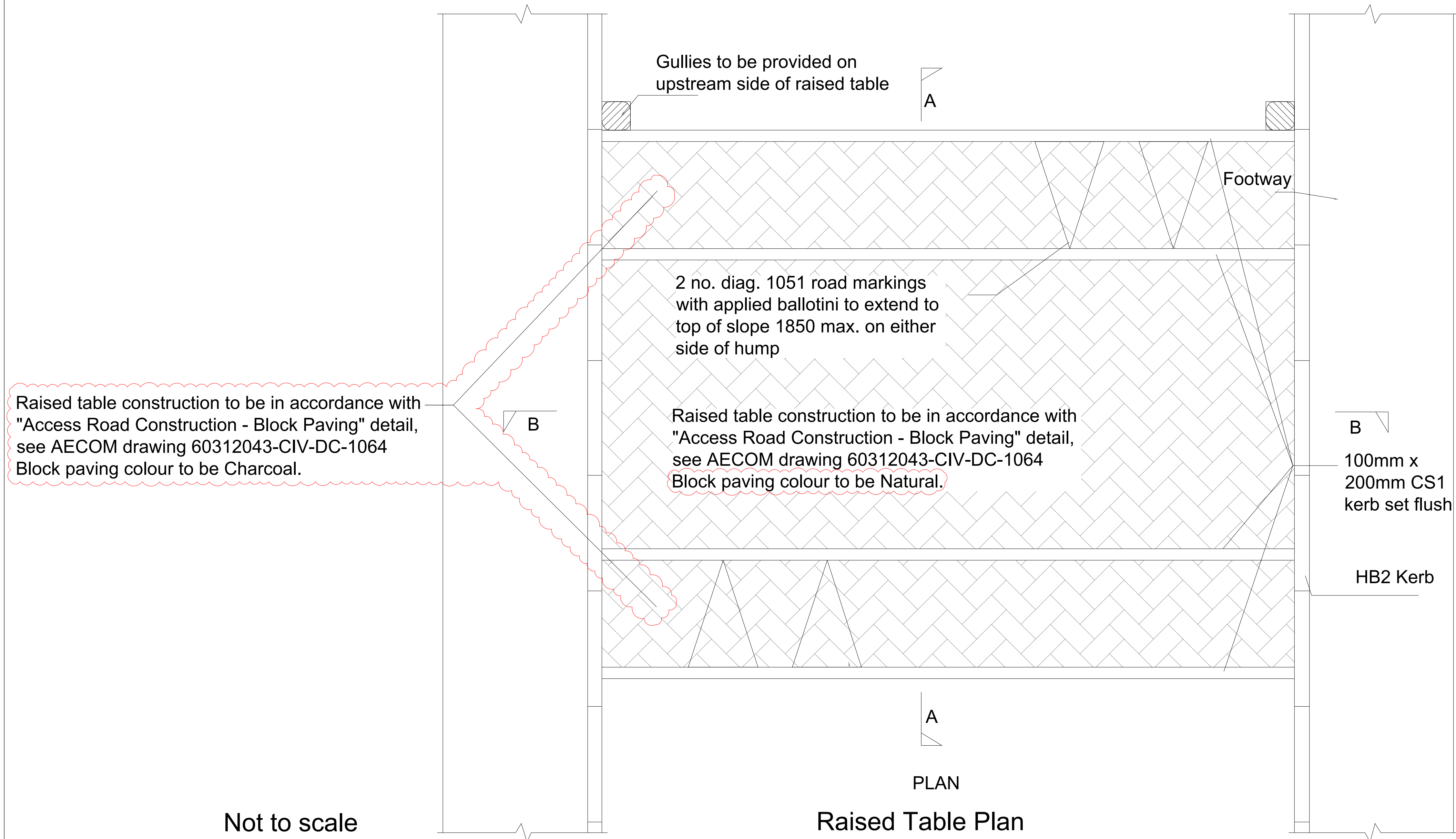
Shared Surface Entrance Feature Paving

Paving construction to be in accordance with "Access Road Construction - Block Paving" detail, see AECOM drawing 60312043-CIV-DC-1064
Block paving colour to be Natural.

Shared Surface Construction

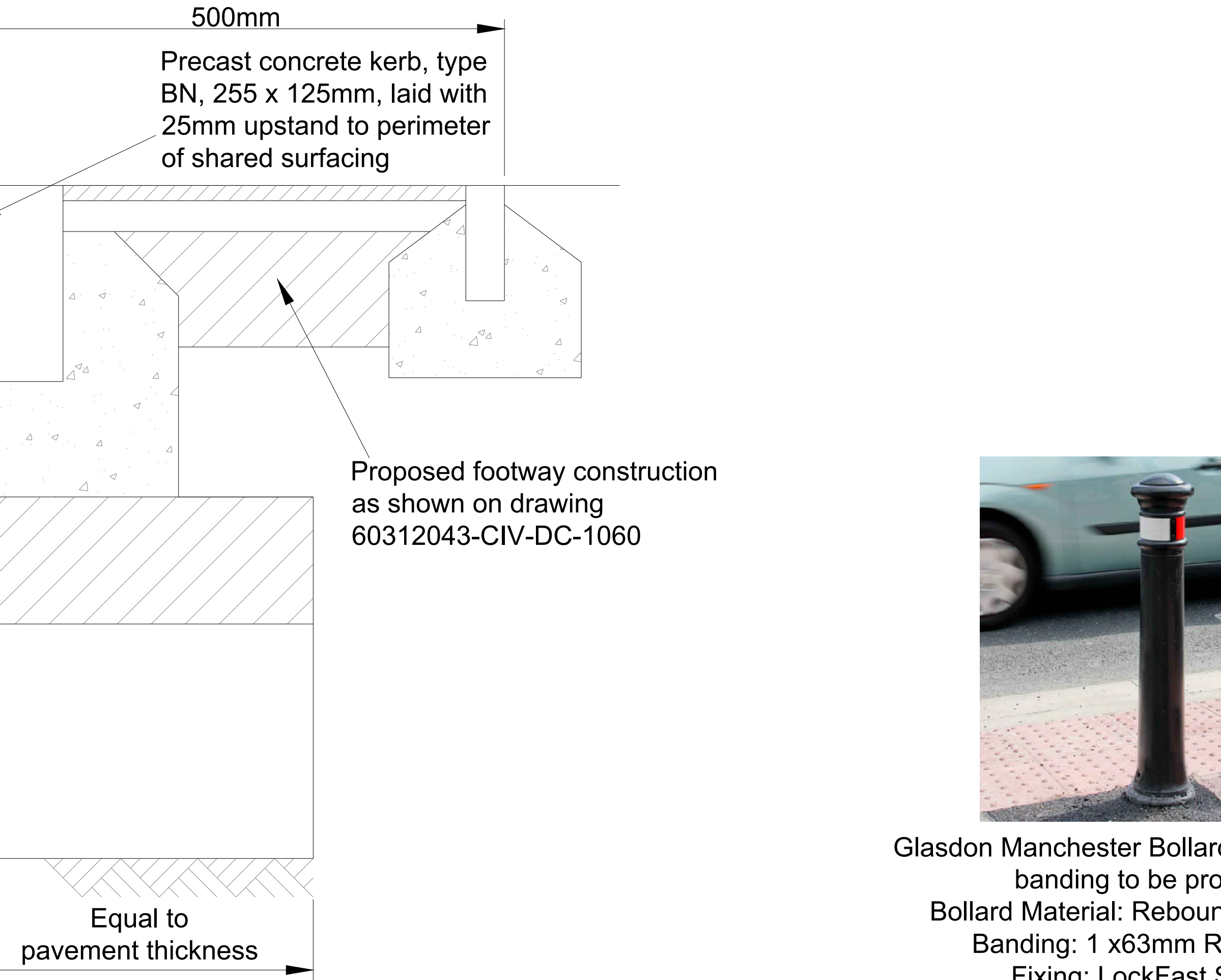
Surface course	40mm	Close graded asphalt concrete to BS EN 13108:Part 1, AC10 surf 40/60, min PSV 60, max AAV 14
Binder course	60mm	Close graded binder course to BS EN 13108:Part 1, AC20 bin 40/60
Base	130mm	Close graded base to BS EN 13108:Part 1, AC32 base 40/60
Sub-base	240mm	DFT Type 1 granular material to Specification for Highway Works, Clause 803
Capping	210mm	Class 6F1 or 6F2 granular material to Specification for Highway Works, Series 600, Table 6/1

- Notes:
- Road construction based on a CBR of 5%.
 - In-situ CBR values to be confirmed by testing at formation level at 20-30m intervals prior to works. If lower CBR values are obtain, road construction specification must amended in accordance with WBC Construction Details (WBC_HD_01). Where higher values are determined, road construction to remain as shown.
 - Materials within minimum 450mm depth below finished road surface to be non-frost susceptible.
 - Metal stud demarcation line to be installed in accordance with WBC detail shown on drawing WDS_HD_03



Not to scale

Raised Table Plan



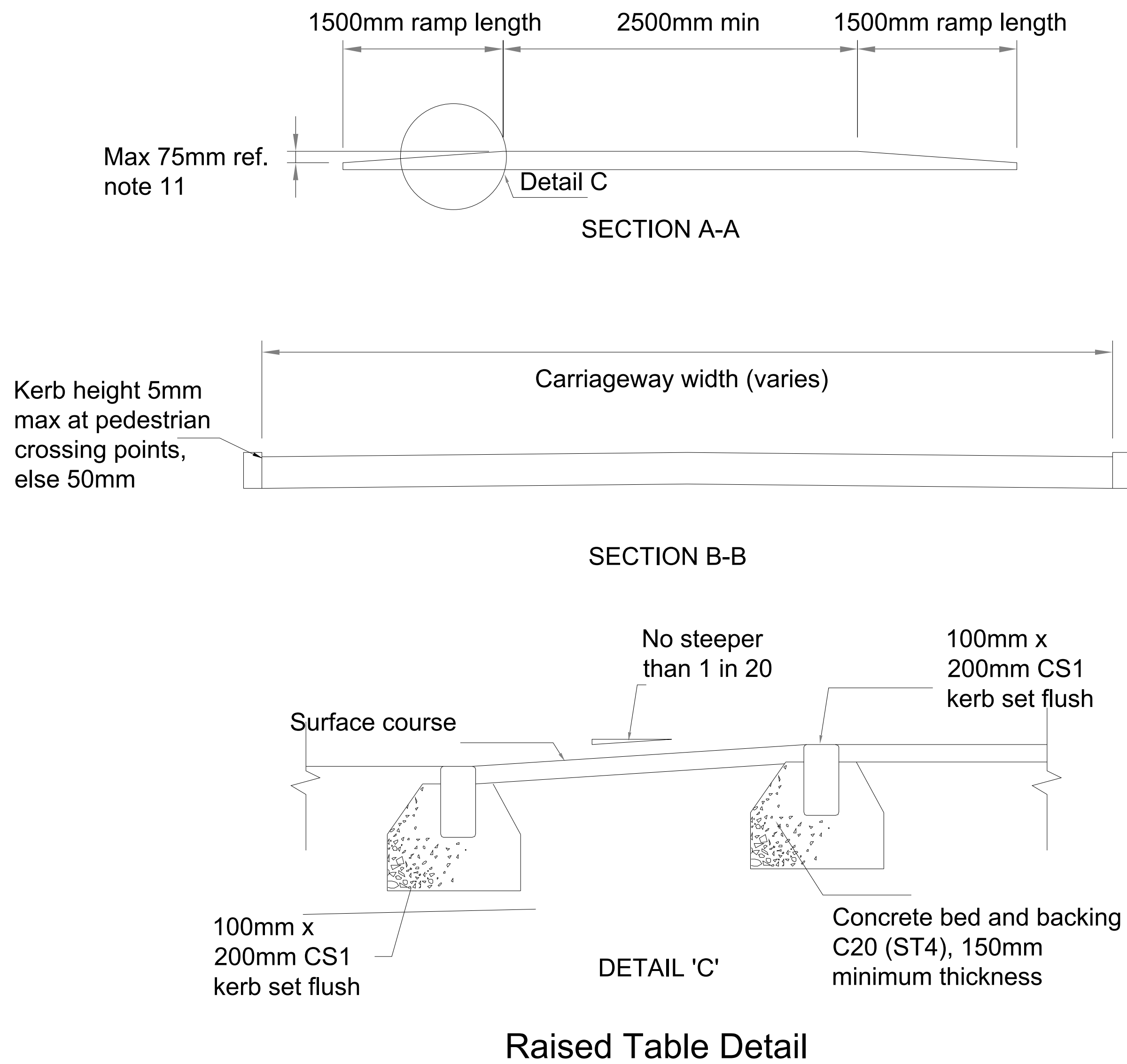
Glasdon Manchester Bollards with reflective banding to be provided.
Bollard Material: Rebound Impactapol
Banding: 1 x63mm Red/ White
Fixing: LockFast Socket

Bollard with Reflective Banding Detail
Annotated on plan with 'R.B.' symbol



Glasdon Manchester Bollards to be provided.
Bollard Material: Rebound Impactapol
Banding: 3 x12mm Gold Decorative
Fixing: LockFast Socket

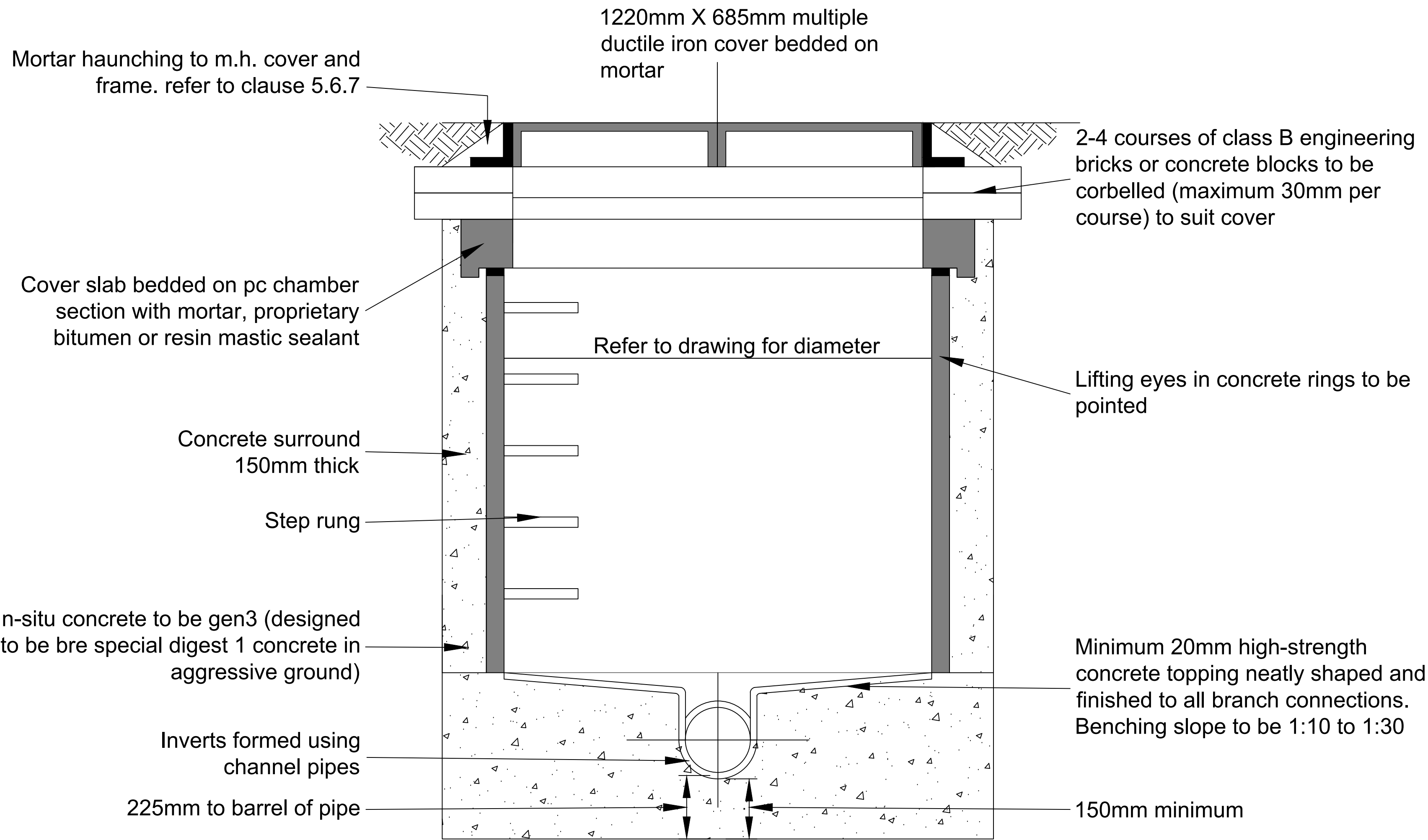
Bollard Detail
Annotated on plan with 'B' symbol



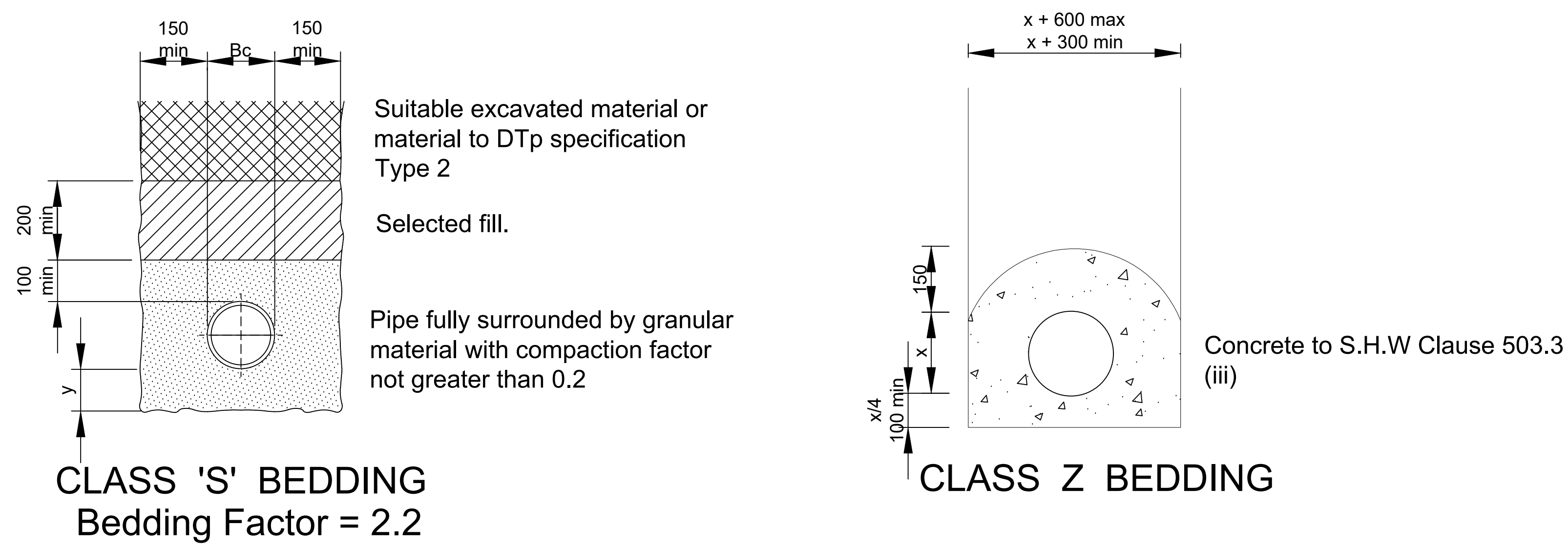
Raised Table Detail

- This drawing is not to be scaled.
- All Highway works to be in accordance with Wokingham Borough Council Design Guide 2019 and Specification, and in general accordance with MCHW Specification for Highway Works and Highway Construction Details.
- Drawing to be read in conjunction with AECOM S38 drawing numbers '60312043-CIV-DC-1000-1140'
- All works within the public highway must comply with current health and safety standards
- Drawing subject to RMA and S38 approval
- Highway drainage will be required to be tested prior to laying of the base course
- Sub-grade CBR to be determined by using CBR test in accordance with BS 1377
- Kerbs to be laid with 125mm upstand. Except where required to tie into existing kerb lines. At vehicle crossings the upstand is to be 25mm maximum. At dropped crossings for pedestrians and cyclists the upstand is to be 5mm maximum.
- Tactile paving units and layouts to be in accordance with 'Guidance for use of tactile paving' (1998) produced by the DETR
- Location of existing services and utilities to be confirmed prior to construction works commencing.
- Speed table to be laid 75mm high kerb to kerb. 75mm height must not be exceeded (DFT TAL 02/96). It is recommended that the contractor adopts a laying specification of 65mm + 10mm / 4mm
- For vehicle crossing and tactile paving layout refer to WBC highway construction details drawing WDS_HD_04
- For inset parking bay layout refer to WBC highways construction details drawing WDS_HD_04
- Sub-base beneath the footing shall be terminated with a fill slope at a slope of 2:1 (height:width) where the sub-base is composed of unbound granular material.
- If kerbs and footings/ backing cannot be laid in one operation, then standard details shall be adapted to insert 20mm steel dowels at 450mm centres, minimum 50-80mm cover to all sides

Rev	Date	Detail	Issue	CHKD	Appd
P05	16.05.25	Block Paving colour specified	AB	MBB	CP
P04	10.03.25	Base thickness reduced	RA	MBB	CP
P03	04.12.24	Bollard details added, raised table upstand clarified	RA	MBB	CP
P02	23.07.24	Construction details updated to WBC requirements, Shared surface paving detail added	DM	MBB	CP
P01	10.12.23	Final Issue	DM	DM	CP



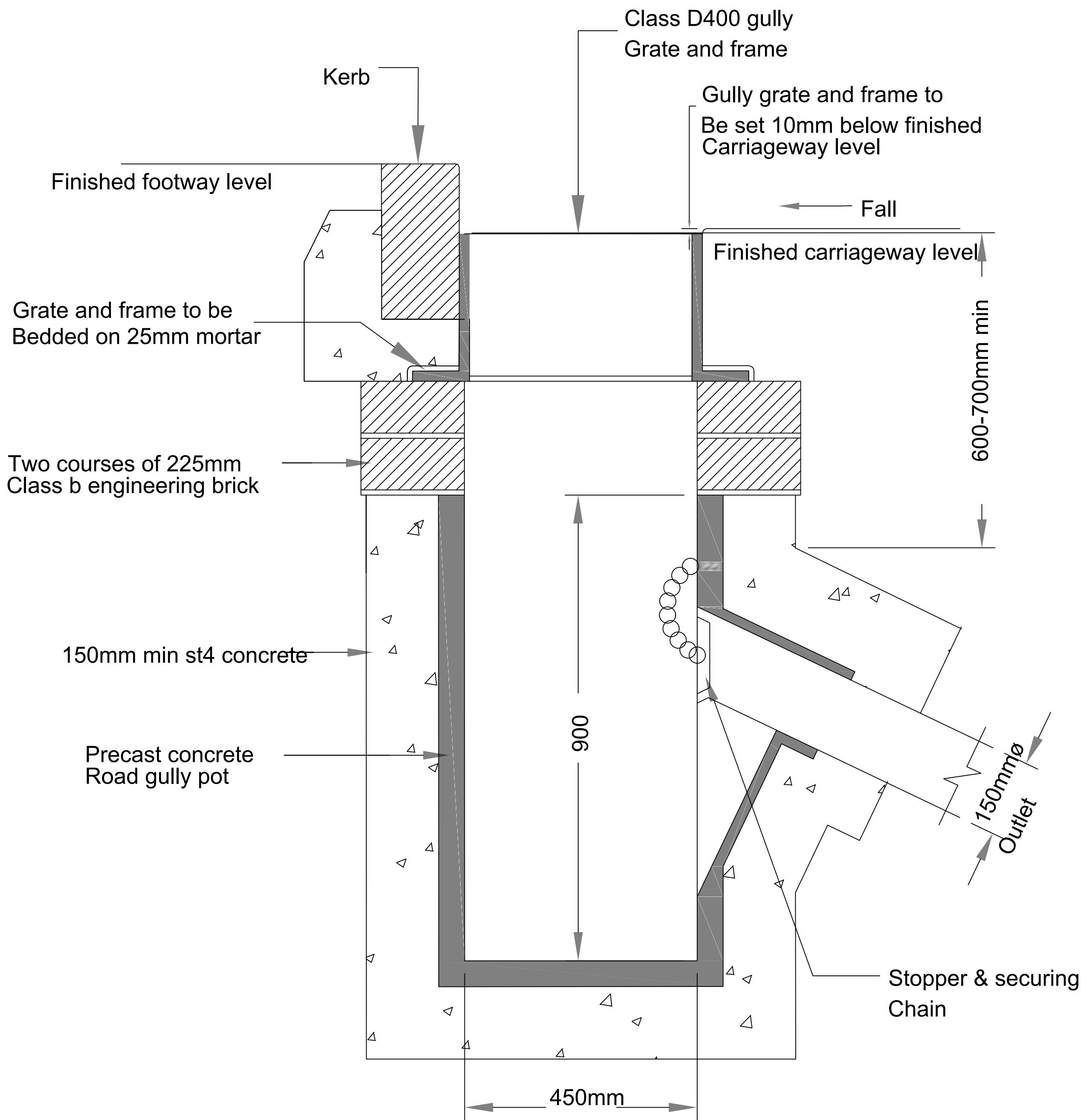
Highway Manhole Construction (Depth to soffit less than 1.5m)



Notes

- Dimension y = 1/16 Bc or 100mm under barrels, and 50mm minimum under sockets, whichever is greater (400 maximum). Rock or other hard material y = 1/4 Bc and 150mm under sockets (400 maximum).
- Class Z bedding to be used for all pipe crossovers with less than 300mm clearance. Concrete surround to extend 1m along the length of pipes beyond crossover.

Not to scale



Highway Gully Detail



NOTES

- This drawing is not to be scaled.
- All Highway works to be in accordance with Wokingham Borough Council Design Guide 2019 and Specification, and in general accordance with MCHW Specification for Highway Works and Highway Construction Details.
- Drawing to be read in conjunction with AECOM S38 drawing numbers '60312043-CIV-DC-1000-1140'
- All works within the public highway must comply with current health and safety standards
- Drawing subject to RMA and S38 approval
- Highway drainage will be required to be tested prior to laying of the base course
- Sub-grade CBR to be determined by using CBR test in accordance with BS 1377
- Kerbs to be laid with 125mm upstand. Except where required to tie into existing kerb lines. At vehicle crossings the upstand is to be 25mm maximum. At dropped crossings for pedestrians and cyclists the upstand is to be 5mm maximum.
- Tactile paving units and layouts to be in accordance with 'Guidance for use of tactile paving' (1999) produced by the DETR
- Location of existing services and utilities to be confirmed prior to construction works commencing.
- Speed table to be laid 75mm high kerb to kerb. 75mm height must not be exceeded (DfT TAL 02/96). It is recommended that the contractor adopts a laying specification of 65mm + 10mm / 4mm
- For vehicle crossing and tactile paving layout refer to WBC highway construction details drawing WDS_HO_04
- For inset parking bay layout refer to WBC highways construction details drawing WDS_HO_04
- Sub-base beneath the footing shall be terminated with a fill slope at a slope of 2:1 (height:width) where the sub-base is composed of unbound granular material.
- If kerbs and footings backing cannot be laid in one operation, then standard details shall be adapted to insert 20mm steel dowels at 450mm centres, minimum 50-80mm cover to all sides

ISSUE/REVISION

Rev	Date	Detail	Made	CHKD	App'd
PI	23.07.24	Issue for approval	DM	MWB	CP

PROJECT NUMBER

60312043

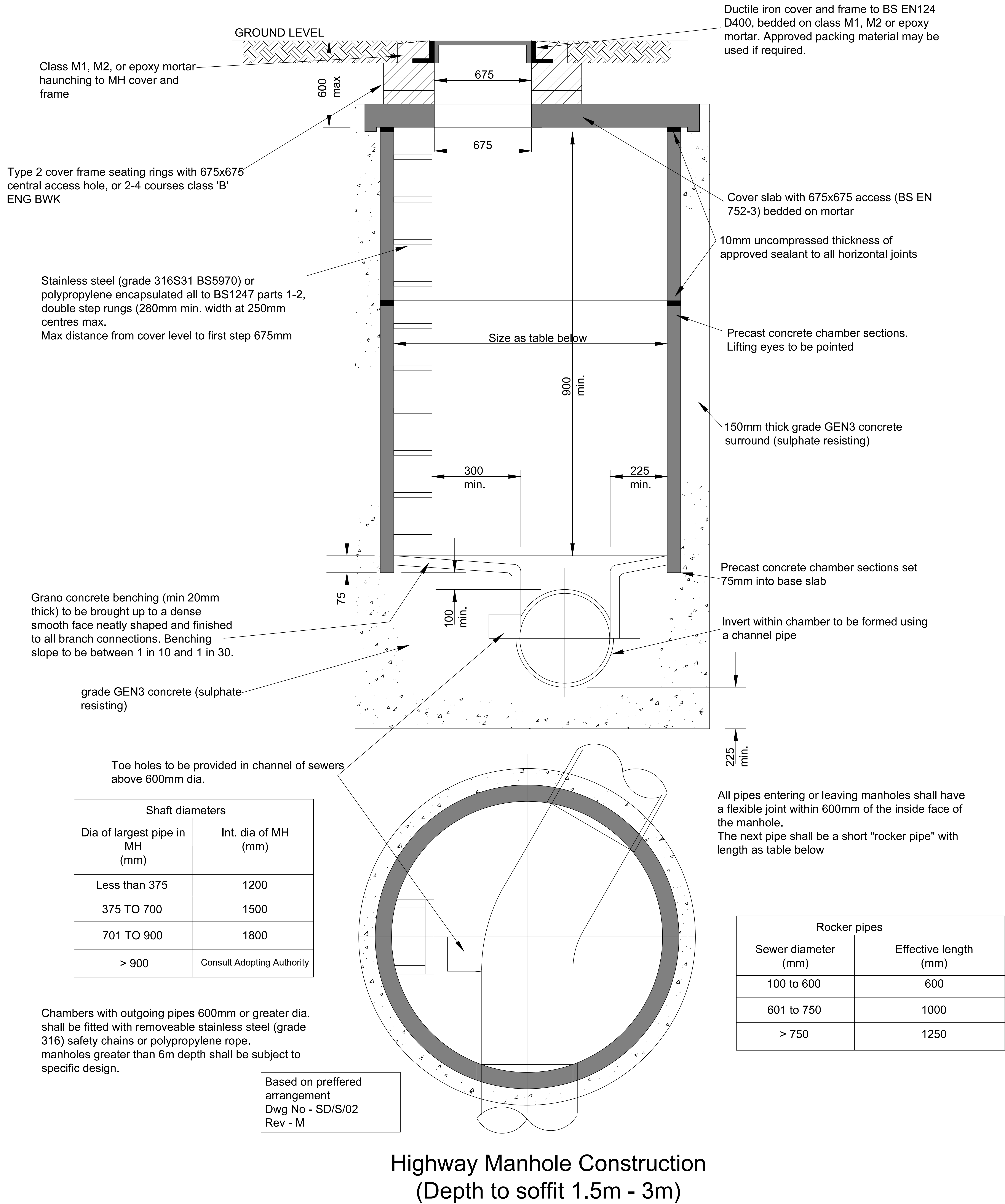
SHEET TITLE

District Centre
Highway Construction Details
Sheet 3

SHEET NUMBER

60312043/CIV/DC/1062

File name: P:\PROJECTS\MUNICIPAL INFRASTRUCTURE - ARBORFIELD GARRISON SDC\DRAWINGS\CURRENT DRAWINGS\DISTRICT CENTRE DESIGN WORK\DISTRICT CENTRE SPINE ROAD SECTION 360312043-CIV-DC-1063 PAX - DC HIGHWAY CONSTRUCTION DETAILS - SHEET 1-4.DWG Last saved by: RYAN ABELL Last Printed: 2024-12-04 Project Management Initials: Designer: Checked: Approved: ISO A0 841mm x 1189mm



AECOM

PROJECT

Arborfield Garrison SDL

CLIENT

Crest Nicholson

CONSULTANT

AECOM
Colmore Plaza
Colmore Circus Queensway
Birmingham
B4 6AT
T +44 (0)121 710 1100
F +44 (0)121 710 1399
www.aecom.com

KEY

NOTES

- This drawing is not to be scaled.
- All Highway works to be in accordance with Wokingham Borough Council Design Guide 2019 and Specification, and in general accordance with MCHW Specification for Highway Works and Highway Construction Details.
- Drawing to be read in conjunction with AECOM S38 drawing numbers '60312043-CIV-DC-1000-1140'
- All works within the public highway must comply with current health and safety standards
- Drawing subject to RMA and S38 approval
- Highway drainage will be required to be tested prior to laying of the base course
- Sub-grade CBR to be determined by using CBR test in accordance with BS 1377
- Kerbs to be laid with 125mm upstand. Except where required to tie into existing kerb lines. At vehicle crossings the upstand is to be 25mm maximum. At dropped crossings for pedestrians and cyclists the upstand is to be 5mm maximum.
- Tactile paving units and layouts to be in accordance with 'Guidance for use of tactile paving' (1999) produced by the DETR
- Location of existing services and utilities to be confirmed prior to construction works commencing.
- Speed table to be laid 75mm high kerb to kerb. 75mm height must not be exceeded (DFT TAL 02/96). It is recommended that the contractor adopts a laying specification of 65mm + 10mm / 4mm
- For vehicle crossing and tactile paving layout refer to WBC highway construction details drawing WDS_HO_04
- For inset parking bay layout refer to WBC highways construction details drawing WDS_HO_04
- Sub-base beneath the footing shall be terminated with a fill slope at a slope of 2:1 (height:width) where the sub-base is composed of unbound granular material.
- If kerbs and footings/ backing cannot be laid in one operation, then standard details shall be adapted to insert 20mm steel dowels at 450mm centres, minimum 50-80mm cover to all sides

ISSUE/REVISION

--	--	--	--	--	--

PROJECT NUMBER

60312043

SHEET TITLE

District Centre
Highway Construction Details
Sheet 4

SHEET NUMBER

60312043/CIV/DC/1063