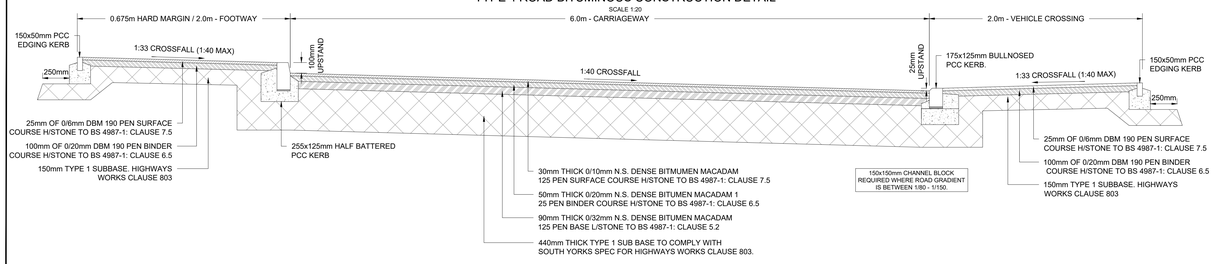
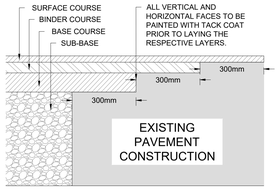
TYPE 4 ROAD BITUMINOUS CONSTRUCTION DETAIL

SCALE 1:20



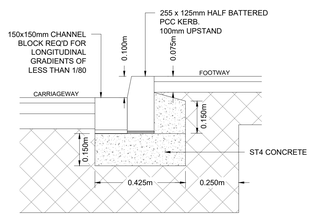
STEPPED CONSTRUCTION CARRIAGEWAY TIE-IN DETAIL

SCALE 1:10



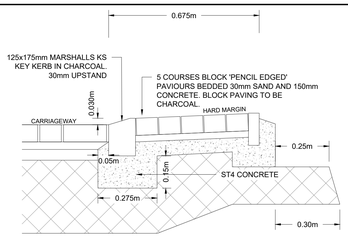
HALF BATTERED KERB - 100mm UPSTAND

SCALE 1:10



MARSHALLS KEY KS KERB - 30mm UPSTAND

SCALE 1:10



NOTES:

1. THESE NOTES ARE INTENDED TO AUGMENT DRAWINGS AND SPECIFICATIONS. WHERE CONFLICT OF REQUIREMENTS EXIST THE ORDER OF PRECEDENCE SHALL BE AS SHOWN IN THE SPECIFICATION. OTHERWISE THE STRICTEST PROVISION SHALL GOVERN.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ENGINEERS AND ARCHITECTS DRAWINGS.
3. DRAWINGS NOT TO BE SCALED. ALL DIMENSIONS TO BE CHECKED ON SITE BY THE CONTRACTOR. ANY DISCREPANCIES TO BE NOTIFIED TO THE ENGINEER AND FURTHER INSTRUCTIONS OBTAINED BEFORE WORK IS COMMENCED.
4. LEVELS AT TIE IN TO EXISTING ROAD CONSTRUCTION TO BE CONFIRMED, ANY DISCREPANCIES TO BE NOTIFIED TO THE ENGINEER.
5. ALL WORKS TO BE IN ACCORDANCE WITH THE LOCAL HIGHWAY AUTHORITY'S CONSTRUCTION GUIDE.
6. THE WORKS WILL BE ADOPTED BY THE HIGHWAY AUTHORITY, THE DEVELOPER AND/OR PRINCIPAL CONTRACTOR MUST THEREFORE ENSURE THAT THE WHOLE WORKS COMPLY BOTH WITH THE SPECIFICATION AND THE DRAWINGS WHICH ARE SUBJECT TO INSPECTION AND APPROVAL BY THE RELEVANT AUTHORITY.
7. WHERE REQUIRED BY THE LOCAL HIGHWAY AUTHORITY, THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE AUTHORITY PRIOR TO COMMENCEMENT OF EACH STAGE OF THE WORK FOR THEIR REPRESENTATIVE TO CARRY OUT INSPECTION TO ENSURE COMPLIANCE WITH THEIR SPECIFICATION AND APPROVED DETAILS. IF ANY SUCH REQUESTS OR INSTRUCTIONS CAUSE CONFLICT WITH THE SPECIFICATION THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER.
8. ALL MATERIAL WITHIN 450mm OF THE FINISHED CARRIAGEWAY SURFACE SHALL BE NON-FROST SUSCEPTIBLE AS REQUIRED BY S.H.W. SERIES 800 CLAUSE 801.
9. GENERALLY ALL WORKS TO BE UNDERTAKEN IN ACCORDANCE WITH "THE MANUAL OF CONTRACT DOCUMENTS FOR HIGHWAY WORKS - VOLUME 1 - SPECIFICATION FOR HIGHWAY WORKS (S.H.W)
10. CLAUSES SHOWN ON THE DRAWING REFER TO CLAUSES IN THE UK GOVERNMENT'S MANUAL OF CONTRACT DOCUMENTS FOR HIGHWAY WORKS, VOLUME 1 SPECIFICATION OF HIGHWAY WORKS.
11. THE CONTRACTOR IS RESPONSIBLE FOR ACQUIRING UP TO DATE SERVICE INFORMATION AND SHALL TAKE ALL NECESSARY MEASURES TO IDENTIFY AND LOCATE EXISTING UNDERGROUND SERVICES INCLUDING ANY PRIVATE SUPPLIES, AND IMPLEMENT APPROPRIATE CONTROL MEASURES BEFORE UNDERTAKING ANY EXCAVATIONS.
12. SAFE DIGGING PRACTICES MUST BE USED WHEN ESTABLISHING THE ACTUAL POSITION OF MAINS PIPES, SERVICES AND OTHER APPARATUS ON SITE BEFORE ANY MECHANICAL PLANT IS USED.
13. CBR'S TO BE TAKEN ON ROAD FORMATION, AT 20m INTERVALS USING 600mm DIAMETER PLATE. RESULTS OF WHICH ALONG WITH A LOCATION PLAN IS TO BE PRESENTED TO BMBC ENGINEER TO REVIEW.
14. ANY TREES WITHIN 3.66m OF THE PROSPECTIVELY ADAOPTABLE HIGHWAY WILL REQUIRE A ROOT BARRIER - SEE CONSTRUCTION ENGINEER TO REVIEW.
15. CCTV OF HIGHWAY DRAINAGE TO BE PROVIDED TO BMBC FOR REVIEW PRIOR TO A PART 1 CERTIFICATE AND PRIOR TO FINAL SURFACING.

THE INFORMATION ON THIS DRAWING IS FOR APPROVAL PURPOSES ONLY. NO CONSTRUCTION WORKS ARE TO BE UNDERTAKEN UNTIL WRITTEN APPROVAL IS RECEIVED FROM LOCAL HIGHWAYS AUTHORITY.

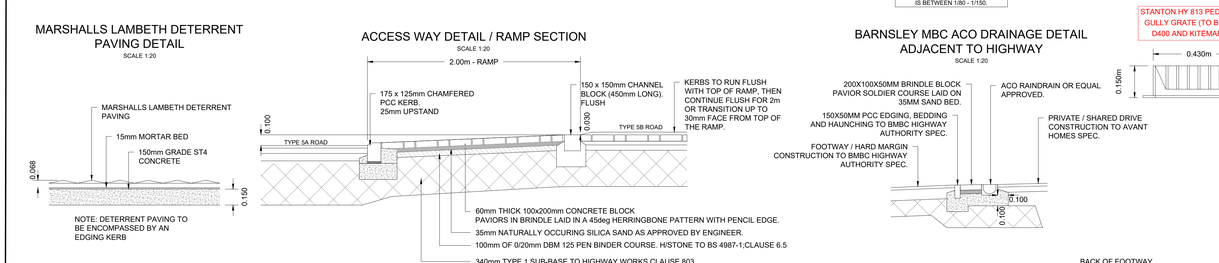
THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE FOLLOWING DRAWING REFERENCE 25027/;

SECTION 38

0001-0002 - SECTION 38 - AGREEMENT PLAN
0003-0004 - SECTION 38 - SURFACING PLAN
0005-0006 - SECTION 38 - KERBING PLAN
0007-0008 - SECTION 38 - PROPOSED LEVELS PLAN
0009-0010 - SECTION 38 - VEHICLE TRACKING
0011 - SECTION 38 - HIGHWAYS CONSTRUCTION DETAILS
0013-0014 - SECTION 38 - GULLY AREAS PLAN
0015 - SECTION 38/104 - HIGHWAY/DRAINAGE LONG SECTIONS
0017-0018 - SECTION 38 - ROAD MARKINGS AND TRAFFIC SIGNS

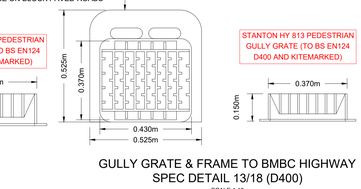
TYPE 4 ROAD BITUMINOUS CONSTRUCTION DETAIL

SCALE 1:20



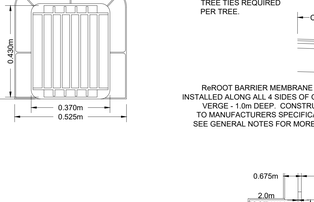
GULLY CONNECTION

SCALE NTS



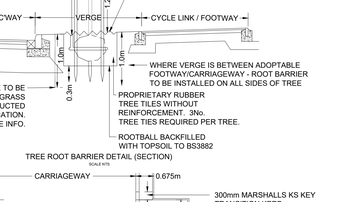
VEHICULAR CROSSING KERB - 25mm UPSTAND

SCALE 1:10



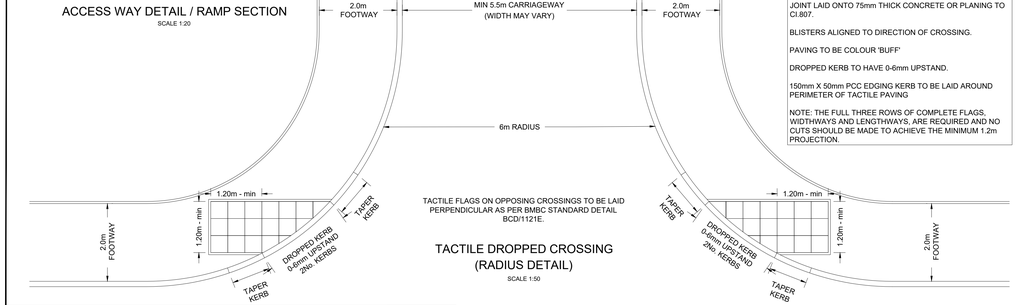
PEDESTRIAN CROSSING KERB - 0-6mm UPSTAND

SCALE 1:10



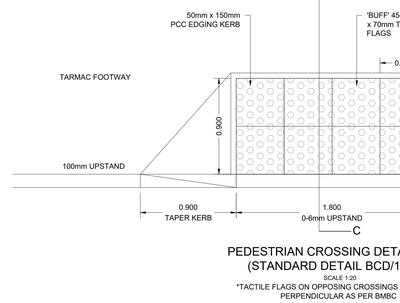
TYPE 5B ROAD - BLOCK PAVED CONSTRUCTION DETAIL

SCALE 1:20



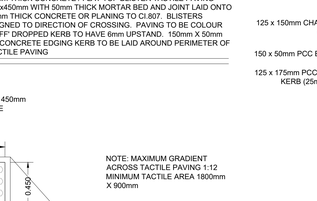
TACTILE PAVING SECTION

SCALE 1:10



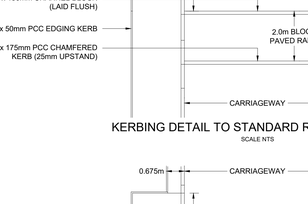
TRANSITION AT RAMP (BN KERB) - 25mm UPSTAND

SCALE 1:10



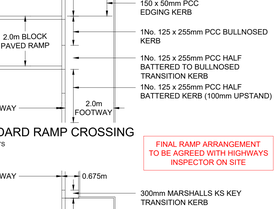
FOOTWAY EDGING KERB - FLUSH

SCALE 1:10



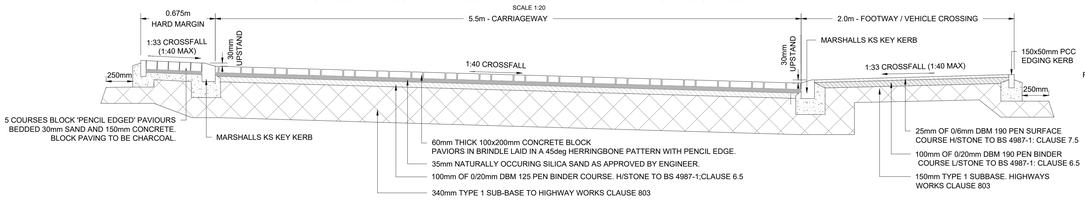
FOOTPATH EDGING KERB (ENTRANCE TO SHARED DRIVES ONLY)

SCALE 1:10



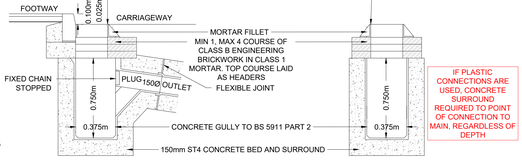
TYPE 5B ROAD - BLOCK PAVED CONSTRUCTION DETAIL WITH BITUMINOUS FOOTWAY

SCALE 1:20



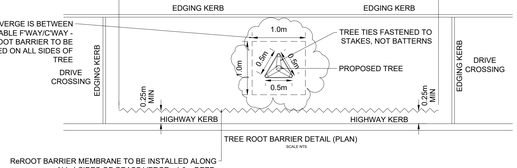
GULLY CROSS SECTION DETAIL

SCALE 1:20



TREE ROOT BARRIER DETAIL (PLAN)

SCALE NTS



MARSHALLS LAMBETH DETERRENT PAVING DETAIL

SCALE 1:20

ACCESS WAY DETAIL / RAMP SECTION

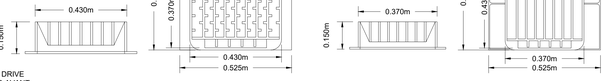
SCALE 1:20

BARNSLEY MBC ACO DRAINAGE DETAIL ADJACENT TO HIGHWAY

SCALE 1:20

GULLY GRATE & FRAME TO BMBC HIGHWAY SPEC DETAIL 13/18 (D400)

SCALE 1:10



ACCESS WAY DETAIL / RAMP SECTION

SCALE 1:20

TACTILE DROPPED CROSSING (RADIUS DETAIL)

SCALE 1:50

65mm THICK CONCRETE / FLAT TOP BLISTER TACTILE PAVING 400x400mm WITH 20mm THICK MORTAR BED AND JOINT LAID ONTO 75mm THICK CONCRETE OR PLANING TO CI.807.

BLISTERS ALIGNED TO DIRECTION OF CROSSING.

PAVING TO BE COLOUR 'BUFF'

DROPPED KERB TO HAVE 0-6mm UPSTAND.

150mm X 50mm PCC EDGING KERB TO BE LAID AROUND PERIMETER OF TACTILE PAVING

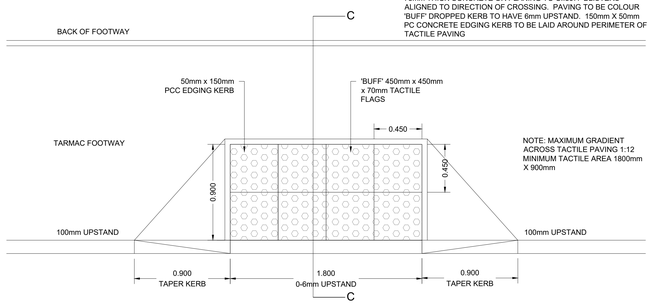
NOTE: THE FULL THREE ROWS OF COMPLETE FLAGS, WIDTHWAYS AND LENGTHWAYS, ARE REQUIRED AND NO CUTS SHOULD BE MADE TO ACHIEVE THE MINIMUM 1.2m PROJECTION.

65mm THICK CONCRETE / FLAT TOP BLISTER TACTILE PAVING 450x450mm WITH 50mm THICK MORTAR BED AND JOINT LAID ONTO 75mm THICK CONCRETE OR PLANING TO CI.807. BLISTERS ALIGNED TO DIRECTION OF CROSSING. PAVING TO BE COLOUR 'BUFF' DROPPED KERB TO HAVE 6mm UPSTAND. 150mm X 50mm PC CONCRETE EDGING KERB TO BE LAID AROUND PERIMETER OF TACTILE PAVING

PEDESTRIAN CROSSING DETAIL - 1.8m (STANDARD DETAIL BCD/1121E)

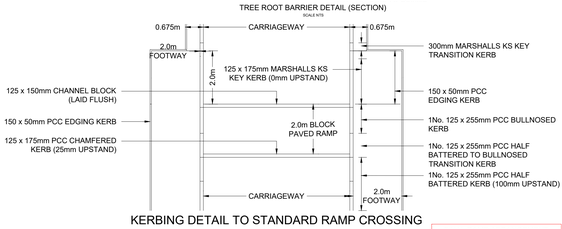
SCALE 1:20

*TACTILE FLAGS ON OPPOSING CROSSINGS TO BE LAID PERPENDICULAR AS PER BMBC



KERBING DETAIL TO STANDARD RAMP CROSSING

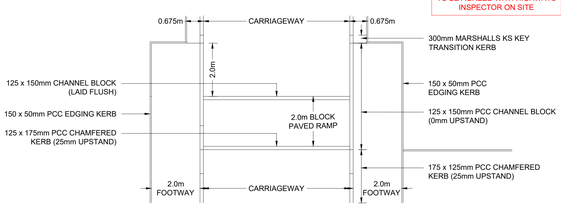
SCALE NTS



FINAL RAMP ARRANGEMENT TO BE AGREED WITH HIGHWAYS INSPECTOR ON SITE

KERBING DETAIL ADJACENT TO DRIVE CROSSINGS 'FLAT' RAMP CROSSING

SCALE NTS



SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING SIGNIFICANT RESIDUAL RISKS:

Stat	Purpose of Issue	Date	Auth
S4	FOR APPROVAL	06.02.26	CK
S4	FOR APPROVAL	08.01.26	CK
S4	FOR APPROVAL	30.06.25	RSL

Rev	Description	By	Date	Chk'd	Auth
P03	UPDATED FOLLOWING LA COMMENTS	WO	06.02.26	CK	CK
P02	UPDATED FOLLOWING LA COMMENTS	WO	08.01.26	CK	CK
P01	FIRST ISSUE	WO	30.06.25	CK	RSL

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Client: AVANT homes

Project: GREAT HOUGHTON BARNSLEY

Title: SECTION 38 - CONSTRUCTION DETAILS

Sheet Size	Original Scale	Designed/Drawn	Checked	Authorised
A0	AS SHOWN	CK Date 30.06.25	CK Date 30.06.25	RSL Date 30.06.25

Status	Drawing Number	Rev
S4	25027-LE-ZZ-ZZ-DR-D-0011	P03

A0 0 10 100 DO NOT SCALE