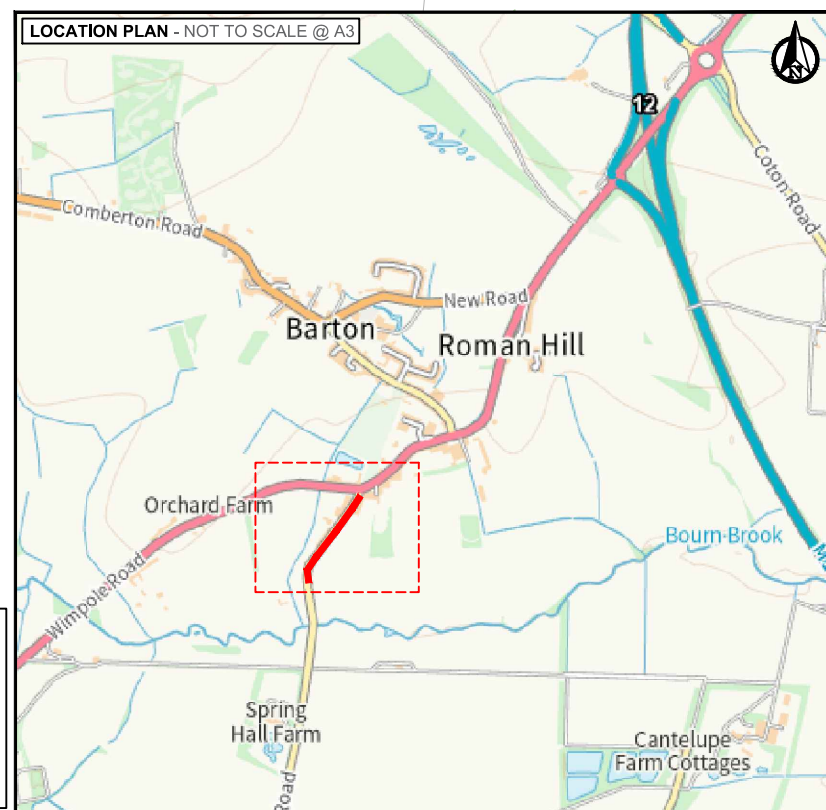


DRAWING REGISTER

SERIES 000 - GENERAL DRAWINGS	
PFHI-BARTON / 000 / 001	SCHEME OVERVIEW
SERIES 100 - PRELIMINARIES	
PFHI-BARTON / 100 / 001	LOCATION MEASURES
SERIES 700 - ROAD PAVEMENTS - GENERAL	
PFHI-BARTON / 700 / 001	CROSS SECTIONS & SCHEME QUANTITIES
SERIES 1200 - ROAD SIGNS	
PFHI-BARTON / 1200 / 001	PR(S)(P)001 (SEPARATE PDF)
PFHI-BARTON / 1200 / 002	PR(S)(P)002 (SEPARATE PDF)



- NOTES:**
- DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS ONLY.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE PROJECT PRE-CONSTRUCTION INFORMATION AND ALL OTHER RELEVANT DOCUMENTS.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL DESIGN DRAWINGS LISTED WITHIN THE "DRAWINGS REGISTER".
 - ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH THE CAMBRIDGESHIRE 'HOUSING ESTATE ROAD CONSTRUCTION SPECIFICATION (2023)' (HERCS) & THE 'SPECIFICATION FOR HIGHWAY WORKS' (SHW). IN EVENT OF DISCREPANCIES HERCS WILL TAKE PRECEDENCE.
 - ANY QUANTITIES PROVIDED WITHIN DESIGN DRAWINGS ARE TO BE USED AS AN ESTIMATE ONLY AND TO BE RE-CALCULATED BY THE CONTRACTOR.
 - ANY ISSUES OR DISCREPANCIES TO BE RAISED WITH THE CCC REPRESENTATIVE AS SOON AS THEY OCCUR OR ARE IDENTIFIED.
 - PLANS ARE TO BE PRINTED IN COLOUR & A3 PAPER SIZE ONLY.
 - WHAT3WORD REFERENCES (///) HAVE BEEN PROVIDED TO BETTER ATTAIN THE LOCATION OF THE PROPOSED FEATURES.
 - PLEASE REFER TO THE 700/001 NOTES SECTION FOR TECHNICAL REQUIREMENTS OF THE PROPOSED LINING.

- KEY:**
- PROPOSED ASPHALT SPEED CUSHIONS & CARRIAGEWAY PATCH
 - PR(S)(P) PROPOSED ROAD SIGN & POST (BLACK) TO BE INSTALLED
 - MRS(P) MOVE ROAD SIGN & DISPOSE OF POST & FOUNDATIONS
 - VERGE CLEARANCE

SPEED CUSHIONS SPACING *

* BELOW DISTANCES ARE NOT TO BE USED IN MARK-OUT OF SPEED CUSHION PLACEMENT, PLEASE REFER TO 100/001

LOCATION		DISTANCE BETWEEN	
JUNCTION	&	1	80 METRES
1	&	2	88 METRES
2	&	3	95 METRES

Date	Rev	Check	Description
08/06/26	P01	J.T.M	FOR ISSUE



Project: HASLINGFIELD ROAD, BARTON PRIVATELY FUNDED HIGHWAYS IMPROVEMENT - 2025 - 2026

Title: SCHEME OVERVIEW
TRAFFIC CALMING
SPEED CUSHIONS

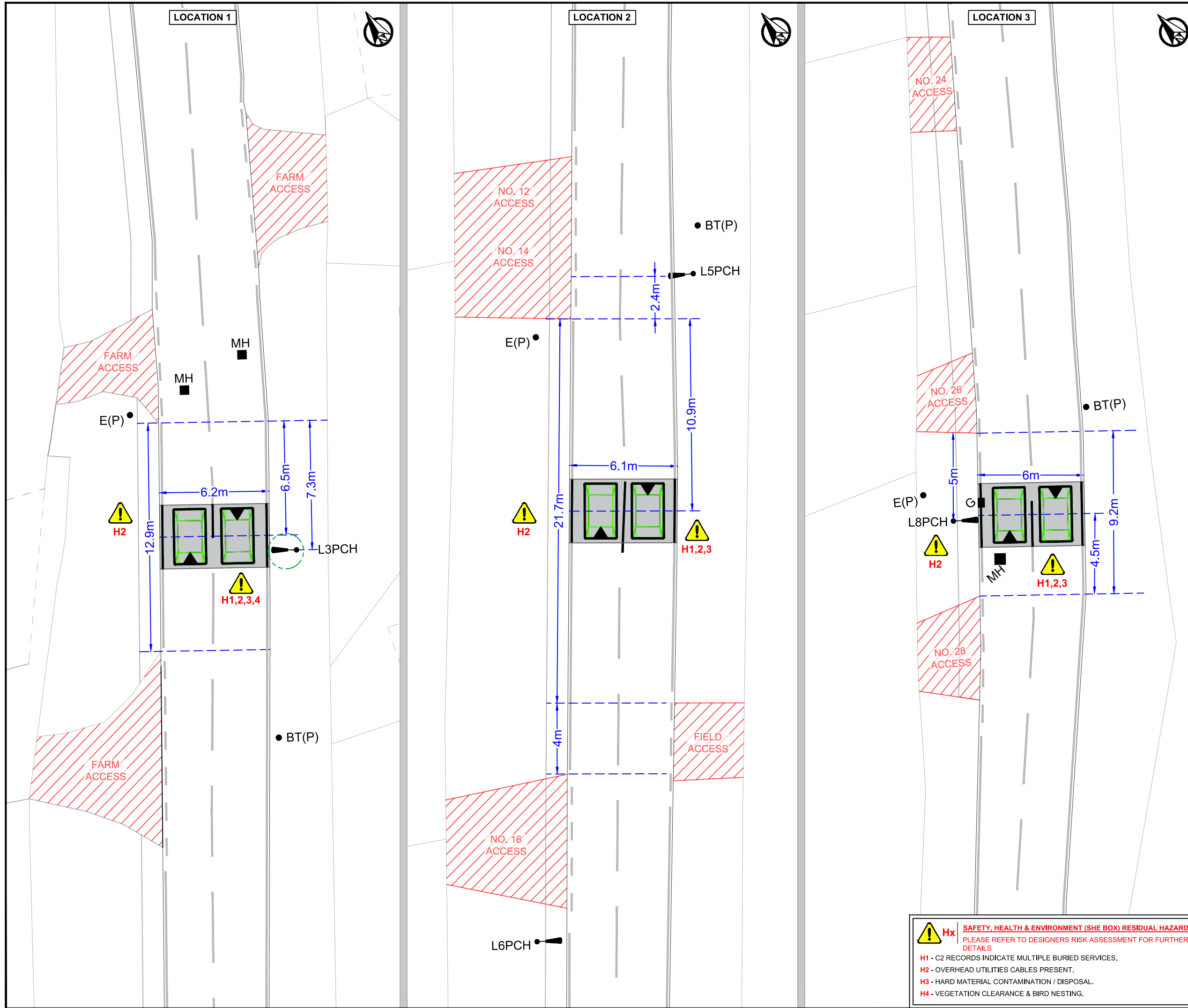
Scale	Drawn	Checked	Date
1:1250 @ A3	J.Hobbs	J.T.McGilley	08/06/2026

Drawing number	Rev
PFHI-BARTON/000/001	P01

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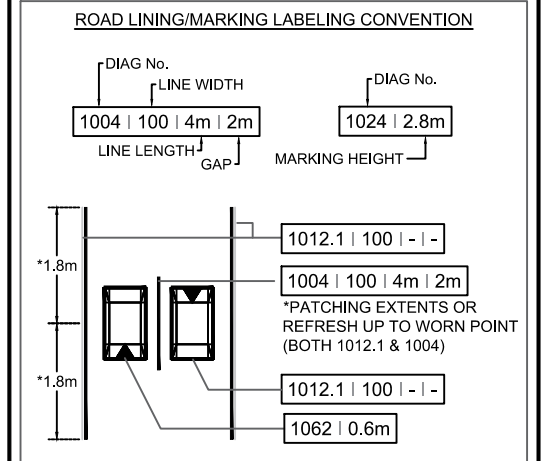
Hx SAFETY, HEALTH & ENVIRONMENT (SHE BOX) RESIDUAL HAZARDS
PLEASE REFER TO DESIGNERS RISK ASSESSMENT FOR FURTHER DETAILS

- H1 - C2 RECORDS INDICATE MULTIPLE BURIED SERVICES.
- H2 - OVERHEAD UTILITIES CABLES PRESENT.
- H3 - HARD MATERIAL CONTAMINATION / DISPOSAL.
- H4 - VEGETATION CLEARANCE & BIRD NESTING.



- NOTES:**
- PLEASE NOTE ALL MEASURES FROM ACCESSES ARE TAKEN FROM THE TOP (HIGHEST POINT) OF THE DROPPER KERB
 - DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS ONLY.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE PROJECT PRE-CONSTRUCTION INFORMATION AND ALL OTHER RELEVANT DOCUMENTS.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL DESIGN DRAWINGS LISTED WITHIN THE "DRAWINGS REGISTER".
 - ANY ISSUES OR DISCREPANCIES TO BE RAISED WITH THE CCC REPRESENTATIVE AS SOON AS THEY OCCUR OR ARE IDENTIFIED.
 - PLANS ARE TO BE PRINTED IN COLOUR & A3 PAPER SIZE ONLY.
 - PLEASE REFER TO THE 700/001 NOTES SECTION FOR TECHNICAL REQUIREMENTS OF THE PROPOSED LINING.

- KEY:**
- PROPOSED SPEED CUSHIONS & CARRIAGEWAY PATCH
 - LAMP COLUMN & UNIT NO. (LXXXX)
 - IDENTIFIED ACCESS
 - VEGETATION CLEARANCE AROUND LAMP COLUMN
 - E(P) ELECTRIC POST
 - BT(P) BT POST
 - MH MANHOLE
 - G GULLY



Date	Rev	Check	Description
08/06/26	P01	J.T.M	FOR ISSUE



Project: HASLINGFIELD ROAD, BARTON
PRIVATELY FUNDED HIGHWAYS
IMPROVEMENT - 2025 - 2026

Title: LOCATIONS MEASURES
TRAFFIC CALMING
SPEED CUSHIONS

Scale 1:200 @ A3	Drawn J.Hobbs	Checked J.T.McGilley	Date 08/06/2026
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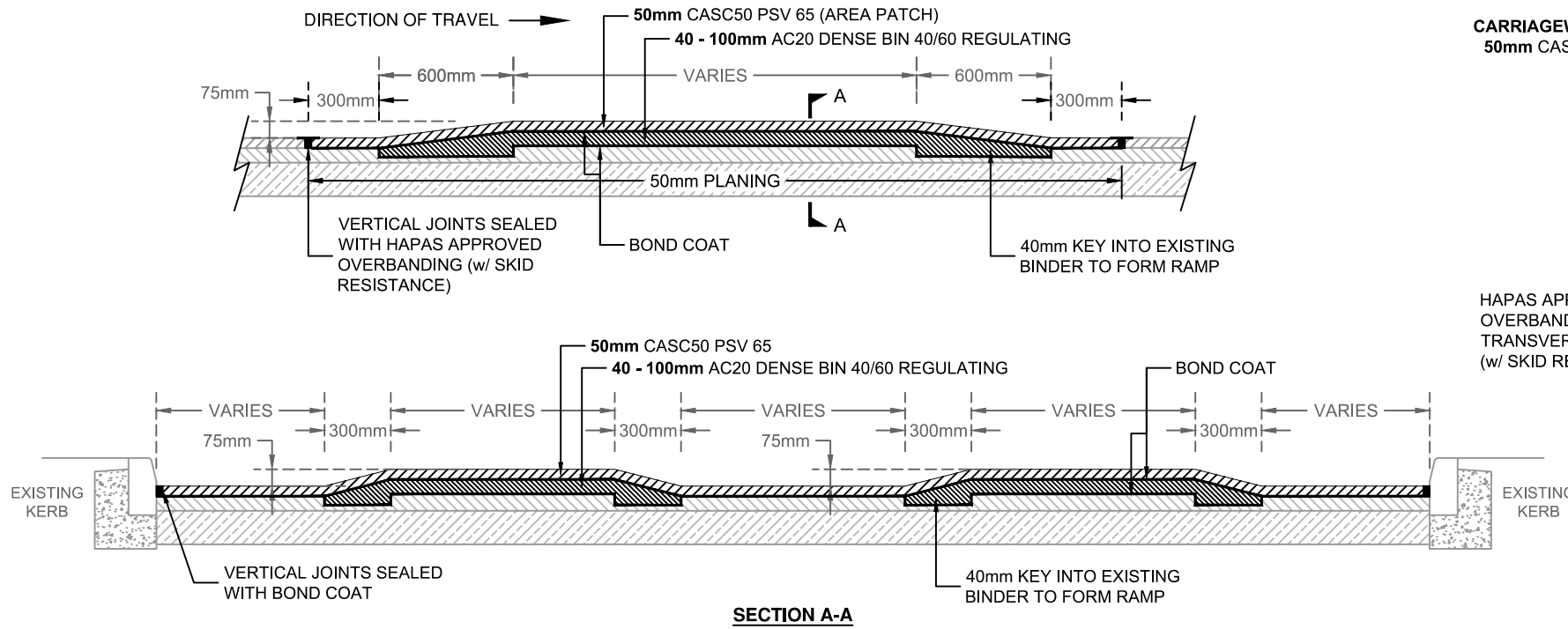
Drawing number: PFHI-BARTON/100/001 Rev: P01

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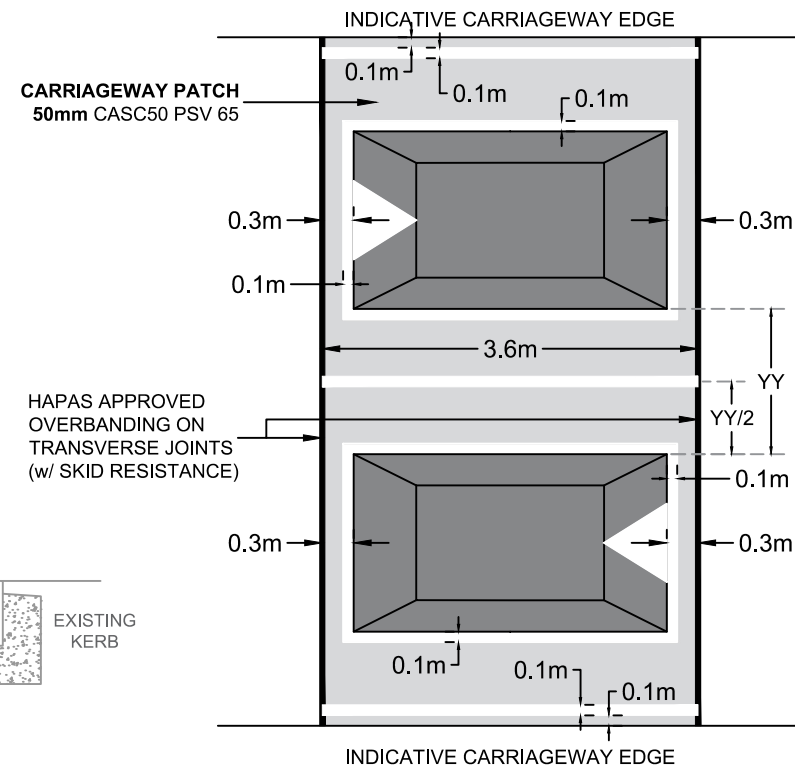
Hx SAFETY, HEALTH & ENVIRONMENT (SHE BOX) RESIDUAL HAZARDS
PLEASE REFER TO DESIGNERS RISK ASSESSMENT FOR FURTHER DETAILS

- H1 - C2 RECORDS INDICATE MULTIPLE BURIED SERVICES.
- H2 - OVERHEAD UTILITIES CABLES PRESENT.
- H3 - HARD MATERIAL CONTAMINATION / DISPOSAL.
- H4 - VEGETATION CLEARANCE & BIRD NESTING.

STANDARD DETAIL FOR PROPOSED SPEED CUSHION SETS N.T.S @ A3

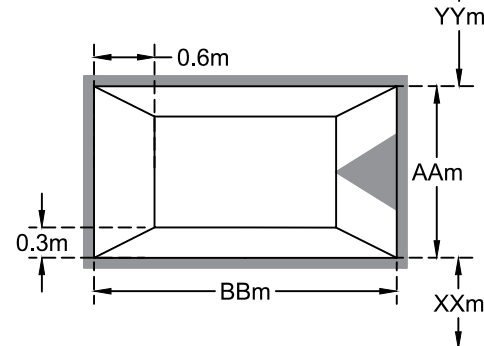
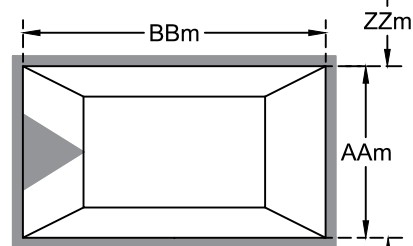


PLAN VIEW SPEED CUSHION SETS N.T.S @ A3



PROPOSED LAYOUT OF SPEED CUSHION SETS N.T.S @ A3

SOUTH-EAST CARRIAGEWAY EDGE



NORTH-WEST CARRIAGEWAY EDGE

- TRIANGLE DIAGRAMS TO TSRGD DIAGRAM 1062 TO BE INSTALLED ON RAMP FACING ONCOMING VEHICLES USING WHITE THERMOPLASTIC SCREED.
- WHERE THREE SPEED CUSHIONS ARE INSTALLED IN A ROW, CENTRAL CUSHION TO HAVE DIRECTIONAL ARROWS ON BOTH SIDES.
- DIMENSIONS XX AND YY TO COMPLY WITH MINIMUM REQUIREMENTS SET OUT IN LOCAL TRANSPORT NOTE 1/07 - TRAFFIC CALMING (SECTION 4.2.18).
- BOXED LINING TO BE INSTALLED AROUND THE SPEED CUSHIONS USING 100MM WIDE WHITE THERMOPLASTIC SCREED.
- GRADIENT OF THE RAMPS TO BE INSTALLED AS PER THE GUIDANCE IN LTN 1/07, BEING 1:8 FOR THE ON & OFF RAMPS & 1:4 FOR THE SIDE RAMPS.

PLEASE NOTE BELOW SPACINGS ARE POSITIONED WITH REFERENCE TO EXISTING ROAD MARKINGS (EDGE LINES & CENTRE LINES). CUSHIONS ARE POSITIONED CENTRALLY WITHIN THESE LANES. XX DIM IS TAKEN FROM THE **NORTH-WEST** SIDE OF THE CARRIAGEWAY.

LOCATIONS		SPEED CUSHION SPACINGS			SPEED CUSHION SIZING	
SPEED CUSHION	ROAD WIDTH	XX DIM	YY DIM	ZZ DIM	AA DIM	BB DIM
LOCATION 1	6.2m	0.78m	1.20m	0.82m	1.7m	3.0m
LOCATION 2	6.1m	0.79m	1.11m	0.80m	1.7m	3.0m
LOCATION 3	6.0m	0.72m	1.06m	0.82m	1.7m	3.0m

SITE CLEARANCE

ITEM	QUANTITY
COLD MILLING - ASPHALT (50mm SURFACE)	3.3 m3
COLD MILLING - ASPHALT (BINDER KEYS)	1.5 m3
TREE CLEARING / TRIMMING (LAMP COLUMNS & VERGES)	1 SHIFT

PLEASE NOTE: NO CORING DATA IS AVAILABLE THEREFORE THE COLD MILLED MATERIAL IS TO BE TREATED AS **CONTAMINATED** AND DISPOSED OF ACCORDINGLY.

MATERIAL QUANTITIES

ITEM	QUANTITY
CASC50 (PSV 65)	3.3 m3
AC20 DENSE BIN 40/60 REGULATING	2.1 m3
BOND COAT	99 m2
JOINT OVERBANDING	37 m
REMOVE & DISPOSAL EXISTING POST & FOUNDATIONS	1 No.
REMOVE SIGN & RE-HANG ON NEW POST (BEND WARNING SIGN DIAG. 512)	1 No.
DIAG. 557.1 + SUPPLEMENTARY PLATE (SEE 1200/001 & 002)	2 No.
ALL POSTS TO BE BLACK IN COLOUR DUE TO BEING WITHIN A CONSERVATION AREA	
88.9mm (O.D. 3mm THICK) SCS S275 POST - LENGTH: 4013mm	1 No.
88.9mm (O.D. 4mm THICK) SCS S275 POST - LENGTH: 4901mm	1 No.
PLANTED CONCRETE FOUNDATIONS (C20/C25) - VOLUME: 0.1m3	2 No.

LINING QUANTITIES

LINE TYPE	WIDTH	LENGTH	GAP	QUANTITY
DIA. 1004 (HAZARD CENTRELINE)	0.1	4	2	12
DIA. 1013.1 (EDGE LINE)	0.1	Continuous	-	24
SPEED CUSHION SURROUNDS	0.1	Continuous	-	60

SYMBOL MARKING QUANTITIES

SYMBOL TYPE	PREVIEW	SIZE	QUANTITY
CUSHION ARROW (DIA. 1062)		W: 750mm, H: 600mm	No. 6

NOTES:

- DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS ONLY.
- ANY ISSUES OR DISCREPANCIES TO BE RAISED WITH A CCC REPRESENTATIVE AS SOON AS THEY OCCUR OR ARE IDENTIFIED.
- ALL PAVEMENT WORK SHALL BE UNDERTAKEN IN ACCORDANCE WITH THE RELEVANT HIGHWAY WORKS SPECIFICATIONS AND STANDARDS, INCLUDING, BUT NOT LIMITED TO:
 - SPECIFICATION OF HIGHWAY WORKS (SHW) SERIES 900, IN PARTICULAR CLAUSE 903 FOR THE PLACING AND COMPACTION OF BITUMINOUS MIXTURES.
 - BRITISH STANDARDS, IN PARTICULAR BS EN 594987:2024 FOR THE REQUIREMENTS OF LAYING AND COMPACTION OF ASPHALT MIXTURES; AND,
 - CCC'S HOUSING ESTATE ROAD CONSTRUCTION SPECIFICATION (HERCS) 2023, IN PARTICULAR CLAUSES 11 TO 12.
 - CCC'S CASC50 INHOUSE SPECIFICATION.
- CASC50 IN ACCORDANCE WITH CCC CASC SPECIFICATION AND BS EN 13108 (AS APPLICABLE). BINDER: 40/60 PEN.
- BINDER COURSE: AC 20 DENSE BIN 40/60 TO BS EN 13108-1 AND PD 6691.
- SURFACE COURSE TO HAVE A POLISHED STONE VALUE (PSV) OF 65.
- BOND COAT IS TO BE LAID IN ACCORDANCE WITH BS EN 13808 & SHW CLAUSE 920. APPLICATION RATE: 0.6L/m².
- THE ASPHALT SPEED CUSHIONS ARE TO BE NO MORE THAN 75mm IN HEIGHT.
- ALL VERTICAL SURFACES ARE TO BE PAINTED WITH BOND COAT PRIOR TO SURFACING.
- CARRIAGEWAY PATCH JOINTS ARE TO HAVE OVERBANDING TO ENSURE ADEQUATE SEALING.
- PLANS ARE TO BE PRINTED IN COLOUR & A3 PAPER SIZE ONLY.

Date	Rev	Check	Description
08/06/26	P01	J.T.M	FOR ISSUE



Project: **HASLINGFIELD ROAD, BARTON PRIVATELY FUNDED HIGHWAYS IMPROVEMENT - 2025 - 2026**

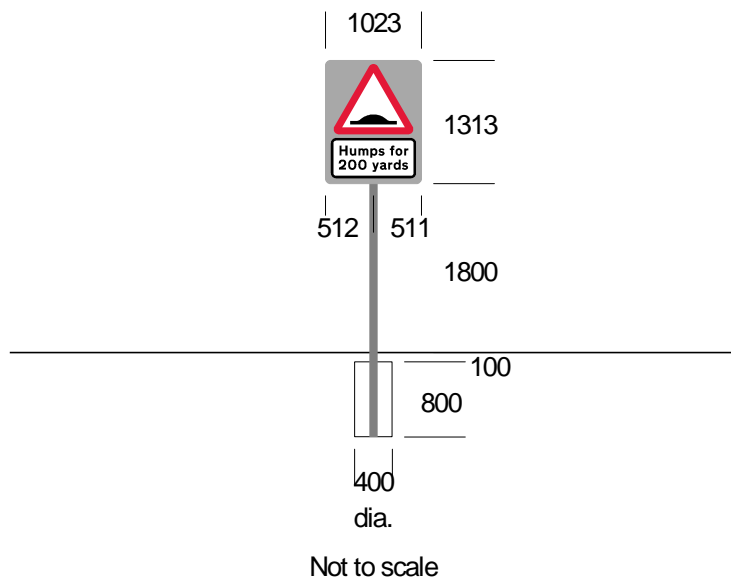
Title: **CROSS SECTIONS & SCHEME QUANTITIES SPEED CUSHIONS**

Scale	Drawn	Checked	Date
N.T.S @ A3	J.Hobbs	J.T.McGillye	08/06/2026

Drawing number	Rev
PFHI-BARTON/700/001	P01

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Scale 1:15
 Dimensions (mm):
 Width: 1023, Height: 1313
 x-Height: 75
 Area: 1.34 m²

Colours:
 1 grey
 2 black on white

Material: BS EN 12899-1:2007
 class: RA2/R2

Sign offset: Min.600mm
 Post offset: 1100mm (Approx.)

Note. All traffic signs are to conform to 'The Traffic Signs Regulations & General Directions 2016' (TSRGD 2016) & any subsequent amendments

Structure Details:
 1 no. Steel circular section S275:
 88.9mm O.D. 3mm thick (**BLACK**)
 Support length: 4013 mm
 Passively safe to BS EN 12767:2019
 BS EN 12899-1:2007 classes:
 WL2, TDB5, PL3, PAF1
 83% capacity used
 17% spare capacity

Passively safe to BS EN 12767:2019

Planted foundation to PD 6547 (& former BD 94):
 Soil type: poor or unknown
 Depth of soft fill: 100 mm
 Height of footing: 800 mm
 Diameter of footing: 400 mm

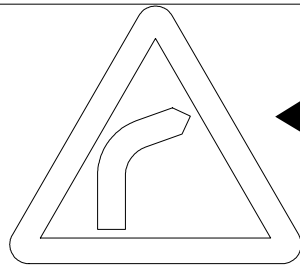
Scheme: Hasinglingfield Road, Barton (PFH)

Date printed: 11-05-26

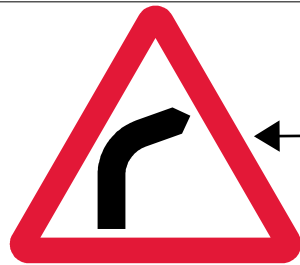
SignPlot v3.75

Drg. Title. PRS(P)001

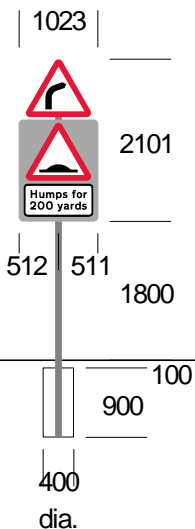
Drg. no. 1200/001



EXISTING ROAD SIGN TO BE RE-USED



EXISTING ROAD SIGN TO BE RE-USED



Not to scale

Scale 1:22
Dimensions (mm & m²):
Width: 849, Height: 750, Area: 0.37
Width: 1023, Height: 1313, Area: 1.34
x-Height: 75
Total area: 1.71 m²

Colours:
1 grey
2 black on white

Material: BS EN 12899-1:2007
class: RA2/R2

Sign offset: Min.600mm
Post offset: 1100mm (approx.)

Note. All traffic signs are to conform to 'The Traffic Signs Regulations & General Directions 2016' (TSRGD 2016) & any subsequent amendments

Structure Details:
1 no. Steel circular section S275:
88.9mm O.D. 4mm thick (**BLACK**)
Support length: 4901 mm
Passively safe to BS EN 12767:2019
BS EN 12899-1:2007 classes:
WL2, TDB5, PL3, PAF1
91% capacity used
9% spare capacity

Passively safe to BS EN 12767:2019

Planted foundation to PD 6547 (& former BD 94):
Soil type: poor or unknown
Depth of soft fill: 100 mm
Height of footing: 900 mm
Diameter of footing: 400 mm

Diagram 512 (Right) is an existing sign on site and is to be taken down and re-hung on this proposed post.

Date printed: 27-05-26

SignPlot v3.75

Drg. Title. PRS(P)002

Drg. no. 1200/002

