Key:

S278 Boundary

Kerb Types:

125 x 150 Precast Concrete BN Kerb (25mm Kerb Face, 0-6mm at pedestrian crossing) to BS EN 1340

50 x 150 EF Precast Concrete Edging to BS EN 1340

125 x 225/150 Precast Concrete DL1 or DR1 Taper Kerb to BS EN 1340

HB2 Kerb 125 x 225 (125mm Kerb Face)

150 x 150 CS Square Edging

Surfacing

Adoptable Macadam Carriageway

Surface Course:	50mm HRA 35/14 F PMB (Performance Spec) PD6691 Table C.3 Classification No 2 to Cl 943 including 20mm Pre-coated chippings Min PSV 65+
Binder Course:	70mm AC20 dense bin 100/150 rec. Clause 906 SHWRP - Warm mix
Base:	150mm AC32 base 40/60 des. Clause 906 SHWRP - Warm mix
Sub-Base:	200mm of thickness Type 1 granular material to CL.803.(S.H.W)
Capping:	*mm thk of 6F5 - thickness subject to CBR values

Adoptable Macadam Carriageway (Mansfield Road) Planed Areas

Surface Course:	50mm HRA 35/14 F PMB (Performance Spec) PD6691 Table C.3 Classification No 2 to Cl 943. - including 20mm pre-coated chippings min PSV 65.

Adoptable Macadam Footway - Build Outs

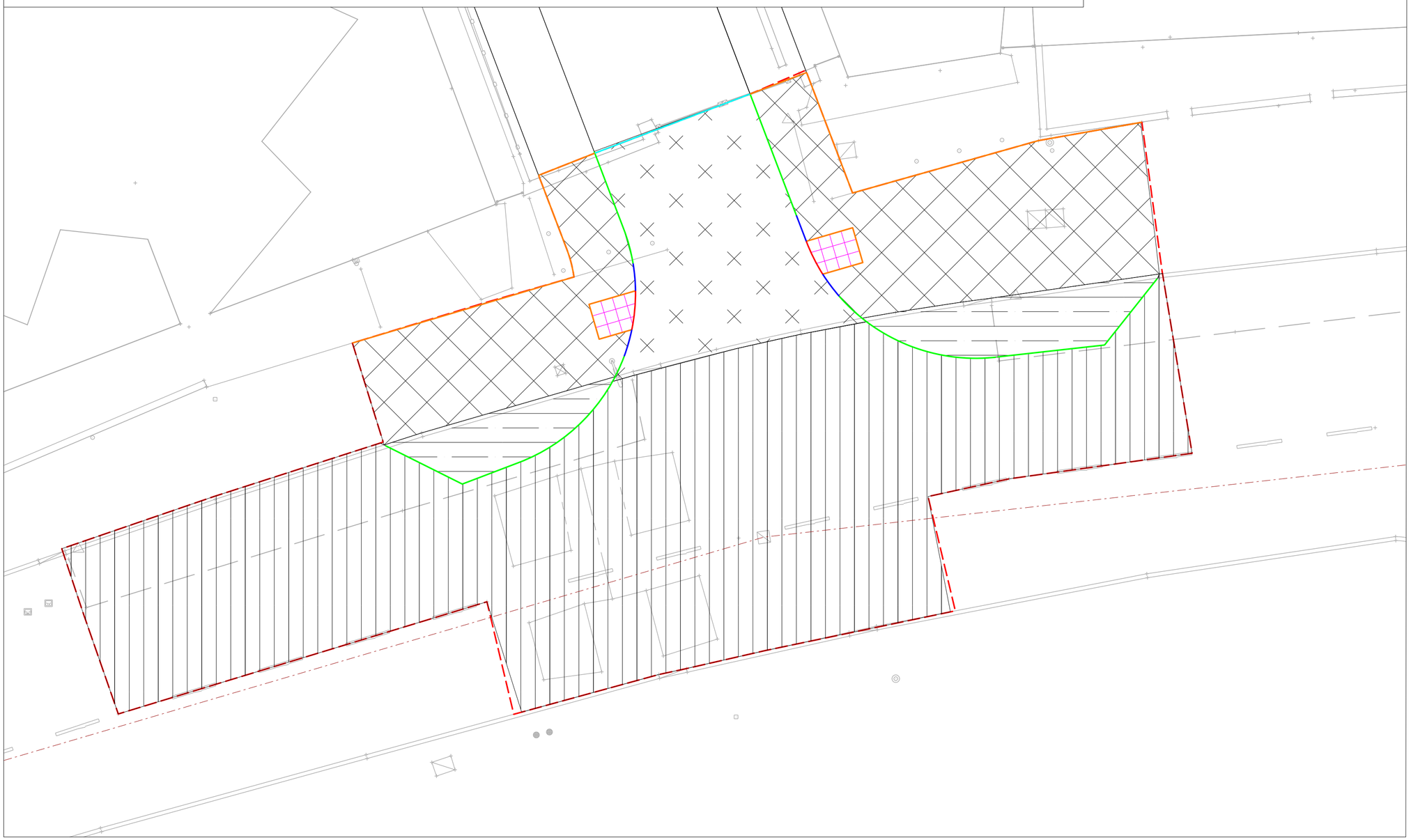
Surface Course:	20mm AC6 dense surf 70/100 to Clause 906.
Binder Course:	50mm AC20 dense bin 100/150 to Clause 909.
Regulating Course:	AC20 Dense bin 100/150 to Clause 909 - regulating course to build levels up on top of existing carriageway.

Adoptable Macadam Footway

Surface Course:	20mm AC6 dense surf 70/100 to Clause 906.
Binder Course:	50mm AC20 dense bin 100/150 to Clause 909.
Sub-Base:	160mm of thickness Type 1 granular material to CL.803.(S.H.W)

Sub-Base to be omitted on existing footway areas.

400 x 400 Buff Tactile Paving



1.Drawing to be read in conjunction with all other relevant S278, Engineers and Architects details.

2.All works within the Public Highway must comply with the current Health and Safety standards and all signing to comply with Chapter 8 traffic safety measures and signs for roadwork's and temporary situations of the traffic manual.

3.All works to be constructed in accordance with the requirements of Derbyshire Highway Design Guidance.

4.It is the Contractors responsibility to locate existing utilities where they may be affected by the works.

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Contractors must verify all dimensions, levels and co-ordinates at the site before commencing any work or making any shop drawings; no dimensions to be taken from drawing.

Rev	Description	Drn	Vf'd	Date
C1	Issued for Construction following Technical Approval.	CM	MM	19/01/23
P3	Channel block made visible. Also returned the footway edgings at end of S278.	CM	AG	03/11/22
P2	Details updated following DCC comments.	CM	AG	11/10/22
P1	Initial issue for Approval	SE	CM	08/22

As outlined in section 2.3 of the CITB Industry Guidance to Designers, insignificant risks can usually be ignored, as can risks arising from routine construction activities, unless the design compounds or significantly alters these risks. In accordance with CDM Regulations 8, 9 and 11, any significant risks relating to the design features shown on this drawing have been identified and are annotated thus: [!]

☒ No significant risks have been identified.

☐ Significant risks have been identified - refer to notes on drawing for information on residual risks and any control measures to be employed.

Refer to the current Designer's Risk Assessment sheets for further details.

Designer's Signature | Date 08/22

Drawing Status
CONSTRUCTION ISSUE

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architecture: engineering: building consultancy

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Project
LAND TO REAR OF
45 MANSFIELD ROAD
ALFRETON

Client
GEDA CONSTRUCTION

Title
S278 KERBS & SURFACING

WmS Project Ref.	Drawn	Date	Scale	
12007	SE	02/08/22	1:100	@ A2

Drawing/Document Reference

Project	Originator	Zone	Level	Type	Role	Number	Status	Rev.
12007	WMS	ZZ	XX	DR	C	39513	A	C1