

SPECIFICATION FOR NEW ADOPTABLE ASPHALT ACCESS ROAD CONSTRUCTION
SCALE 1:25

MINIMUM SUB-GRADE AND CAPPING THICKNESS BY CBR VALUE FROM HERTFORDSHIRE HIGHWAYS DESIGN GUIDE 3RD EDITION		
CBR Value	Minimum Capping Thickness	Minimum Sub-base Thickness
LESS THAN <2.5%	600mm	150mm
2.5-5.0%	-	350mm
5.0-15.0%	350mm	150mm
15.0-30.0%	-	225mm
GREATER THAN >30%	-	150mm

NOTES

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT DRAWINGS, DOCUMENTS AND SPECIFICATIONS.

DIMENSIONS NOT TO BE SCALED.

ALL WORKS SHALL COMPLY & BE CARRIED OUT IN ACCORDANCE WITH HERTFORDSHIRE COUNTY COUNCIL'S DESIGN GUIDES.

UNLESS NOTED OTHERWISE, CLAUSES REFER TO THE SPECIFICATION FOR HIGHWAY WORKS: VOLUME 1 OF THE MANUAL OF CONTRACT DOCUMENTS FOR HIGHWAY WORKS.

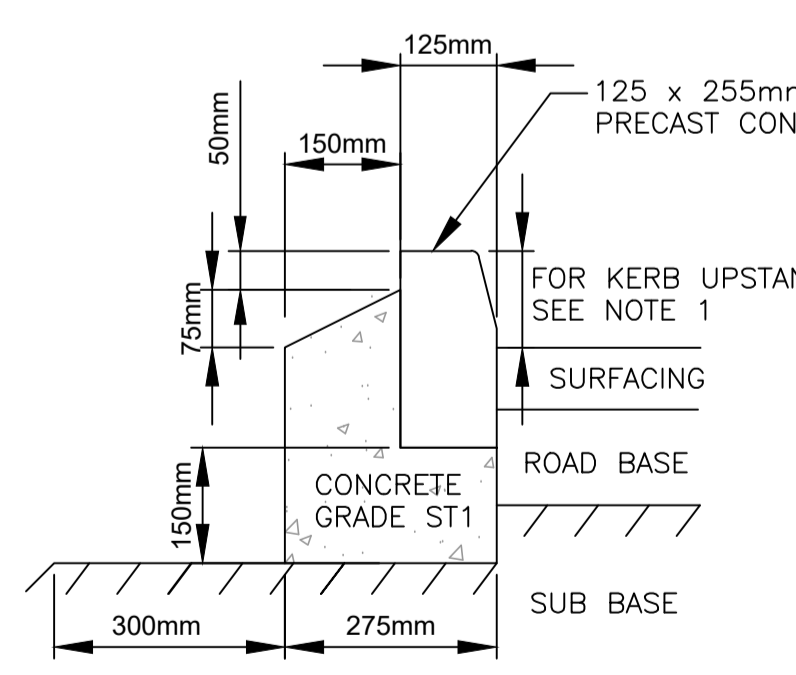
CARRIAGEWAY CONSTRUCTION AND DEPTH OF CAPPING LAYER IS BASED ON A CBR VALUE OF 2-3%, RECOMMENDED BY GEO ENVIRONMENTAL GROUP.

REPORT TITLE: PHASE II GEO-ENVIRONMENTAL ASSESSMENT - INTERPRETATIVE REPORT
REPORT NUMBER: KGV-GE2-2015-001
DATED: JUNE 2015

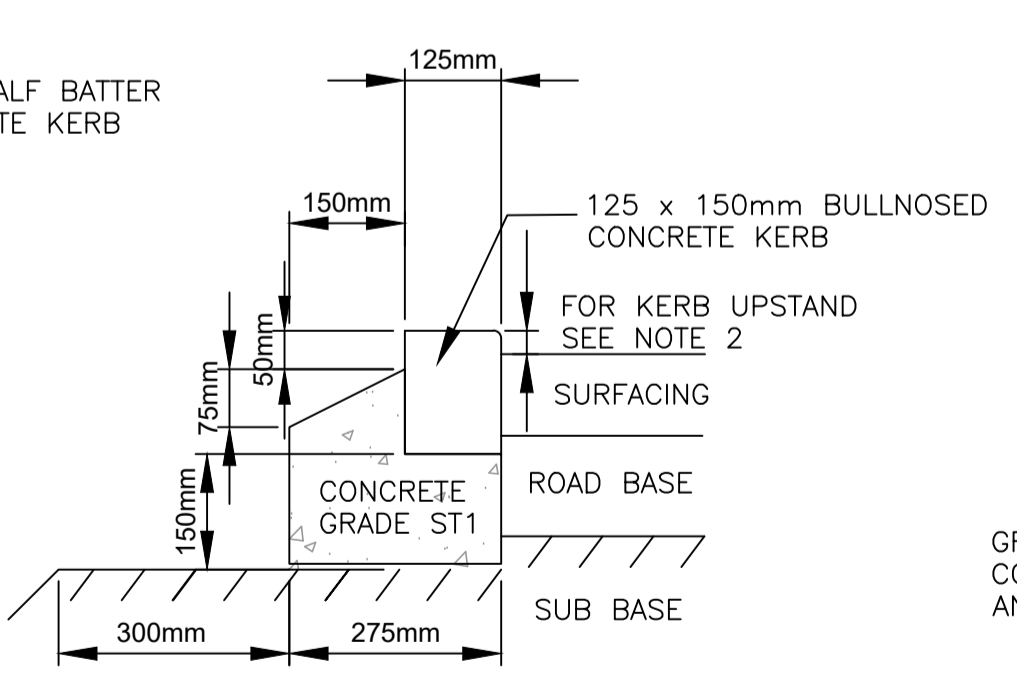
CAPPING AND SUB-BASE THICKNESS IN ACCORDANCE WITH HERTFORDSHIRE COUNTY COUNCIL'S DESIGN GUIDES. CBR VALUES TO BE CONFIRMED BY CONTRACTOR PRIOR TO ANY CONSTRUCTION COMMENCING AND REPORTED BACK TO THE ENGINEER.

BITUMINOUS MATERIAL TO BE IN ACCORDANCE WITH BS EN 13108-1:2006.

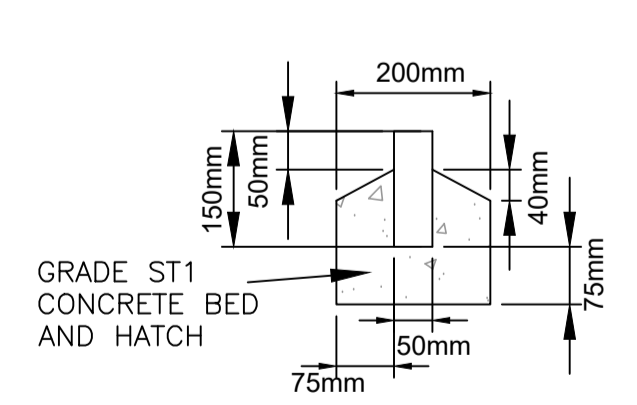
IF SURFACE COURSE IS NOT CONSTRUCTED WITHIN 3 DAYS OF BASE COURSE THEN BASE COURSE MUST BE CLEANED AND BOND COATED PRIOR TO LAYING.



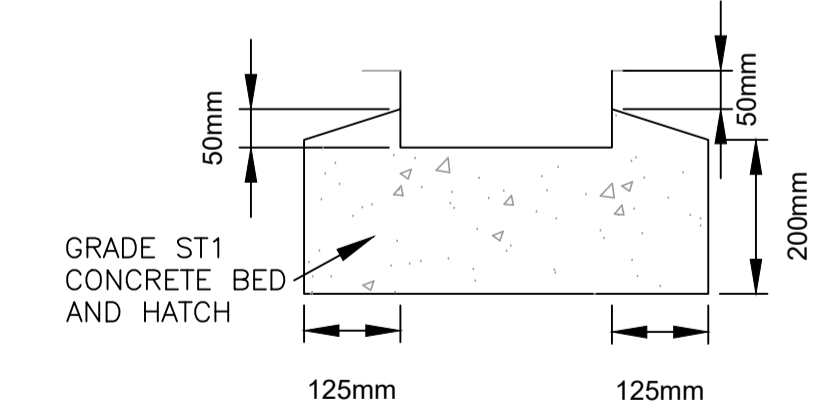
KERB DETAIL 1



KERB DETAIL 2



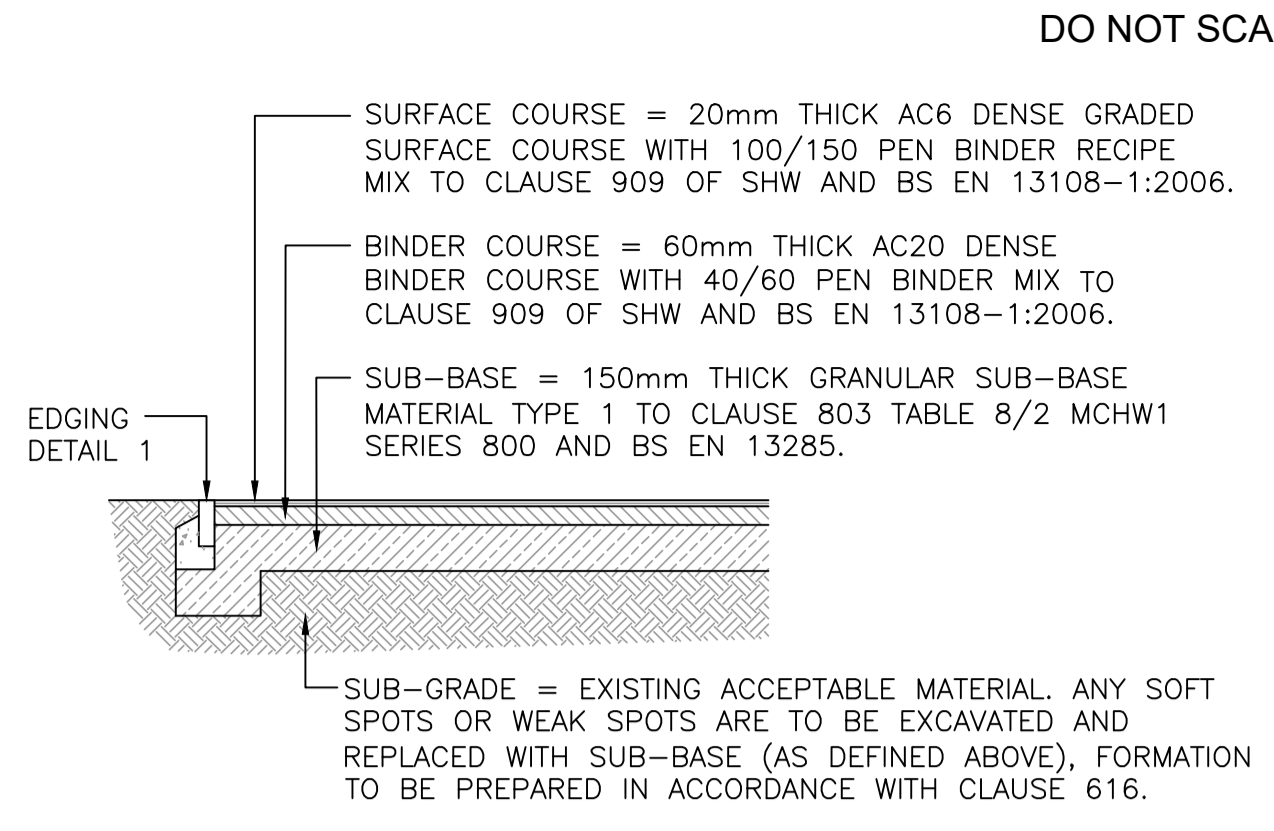
EDGING DETAIL 1



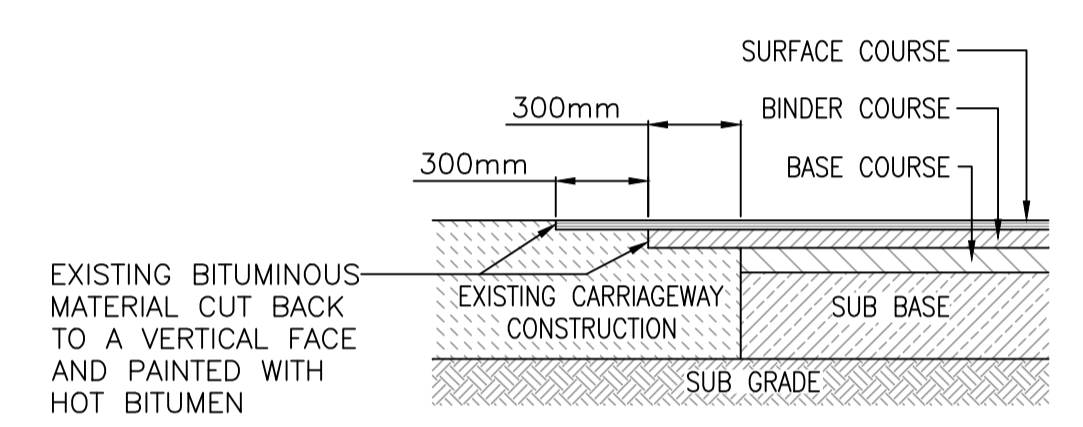
CHANNEL DETAIL
SCALE 1:10

KERB NOTES:

- WHERE FOOTWAY/CYCLE TRACK IS ADJACENT TO THE CARRIAGEWAY THE UPSTAND SHOULD BE 125mm. AN UPSTAND OF 40mm WILL BE SUFFICIENT WHERE ADJACENT PROPERTIES, FOOTWAYS AND CYCLE TRACKS ARE TO BE SEPARATED FROM AN AREA OF SHARED SURFACE BLOCK PAVED CARRIAGEWAY
- AT DROPPED KERB VEHICULAR CROSSING THE UPSTAND SHOULD BE 25mm. AT CROSSINGS USED BY PEDESTRIANS, OR CYCLISTS THE UPSTAND SHOULD BE ZERO.

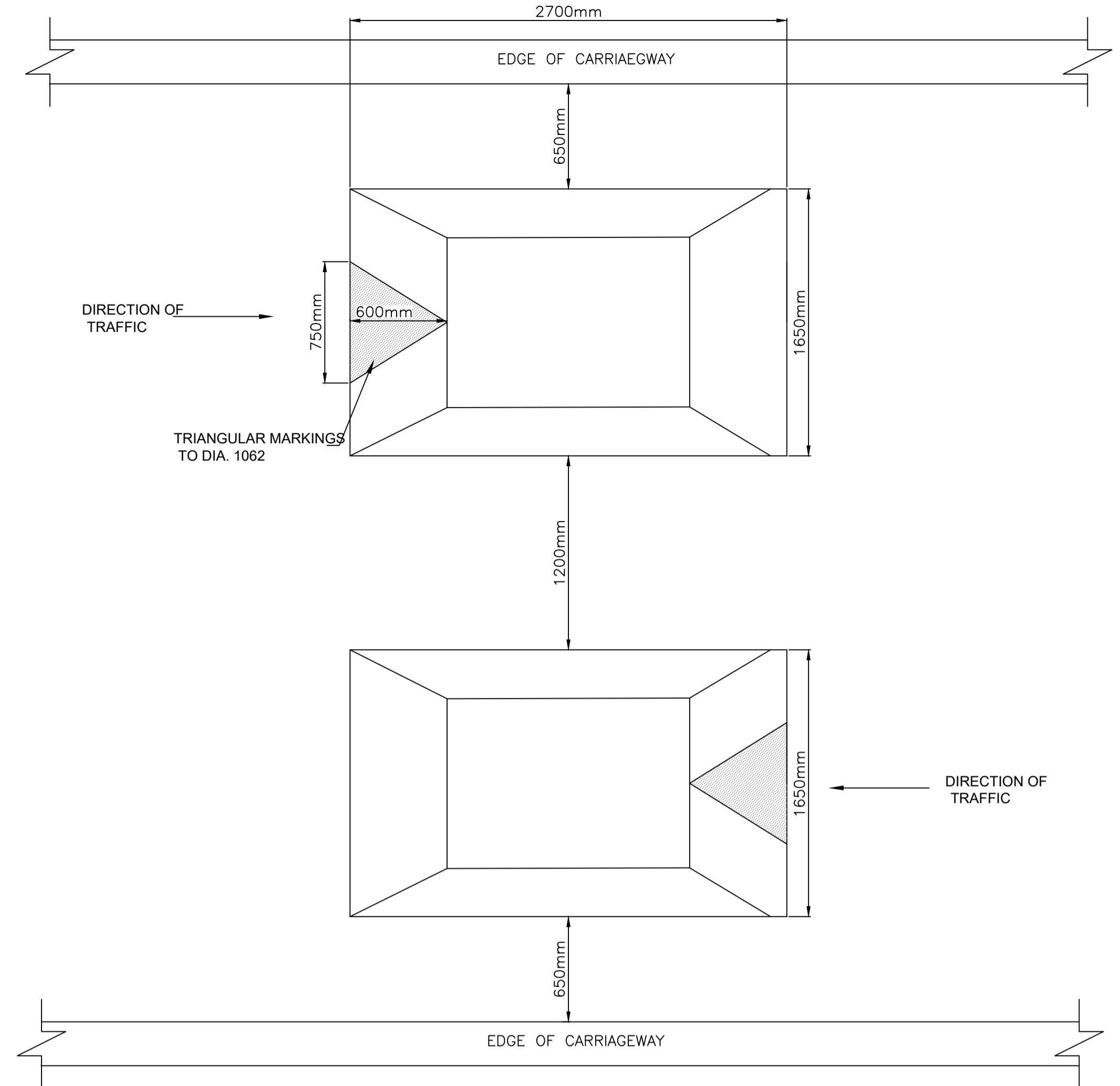


SPECIFICATION FOR NEW ADOPTABLE ASPHALT FOOTWAY
SCALE 1:25

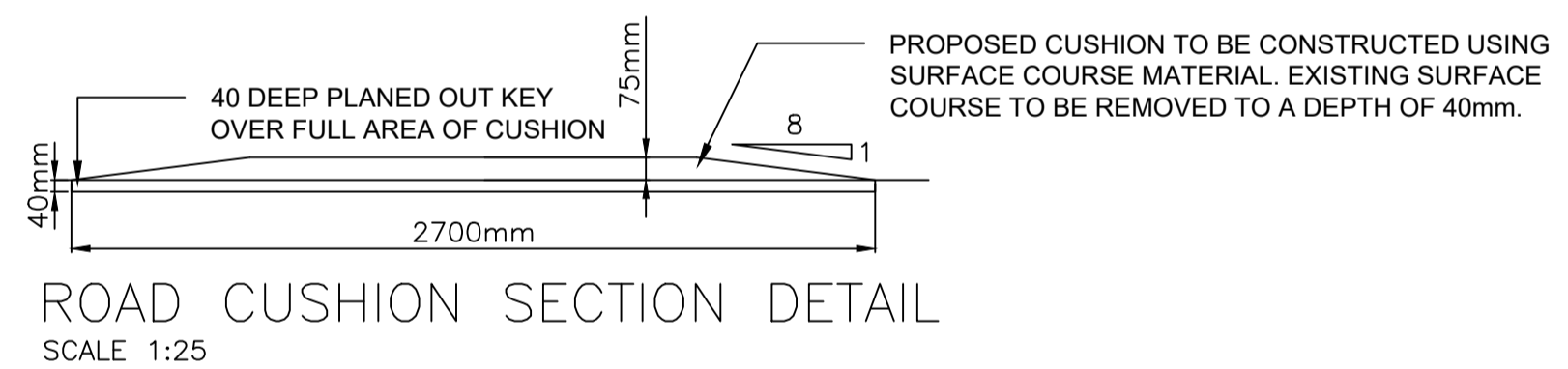


STAGGERED JOINT BETWEEN NEW AND EXISTING CARRIAGEWAY
SCALE 1:25

DO NOT SCALE



SPECIFICATION FOR RELOCATED SPEED CUSHIONS
SCALE 1:25



ROAD CUSHION SECTION DETAIL
SCALE 1:25

DETAILS AND SPECIFICATION SUBJECT TO S278 APPROVAL FROM HERTFORDSHIRE COUNTY COUNCIL.

REV	DESCRIPTION	BY	DATE
A	CHANNEL KERB DETAIL ADDED	AJM	03.02.23
-	INITIAL ISSUE	AJM	12.10.22
MK	REVISION		

DRAWING STATUS
PRELIMINARY

DRAWING TITLE
S278 CONSTRUCTION DETAILS

PROJECT
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Drawn AJM	Chkd AU	Scales As Noted	Date FEB 2023
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Purpose of Issue
FOR APPROVAL

Project Number P22-772	Drawing Number 88	Revision A
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