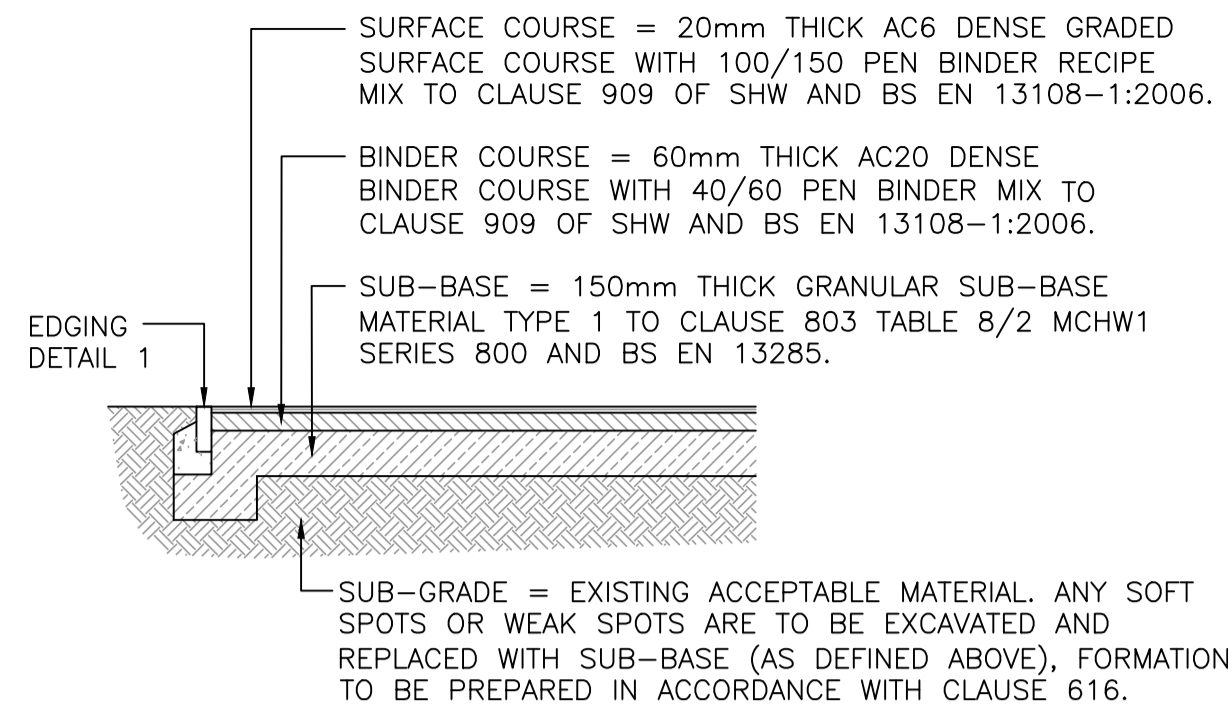


**SPECIFICATION FOR NEW ADOPTABLE ASPHALT ROAD CONSTRUCTION**  
SCALE 1:25



**SPECIFICATION FOR NEW ADOPTABLE ASPHALT FOOTWAY**  
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.

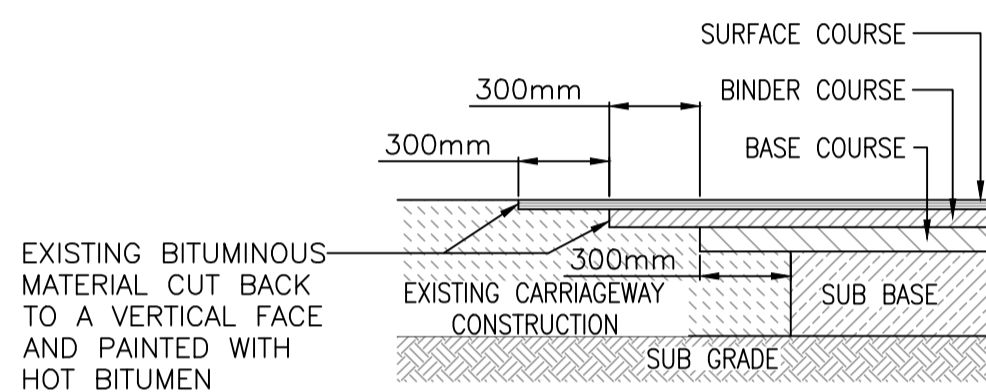
CARRIAGEWAY CONSTRUCTION AND DEPTH OF CAPPING LAYER IS BASED ON A CBR VALUE OF 2-3%, RECOMMENDED BY GEO ENVIRONMENTAL GROUP.

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

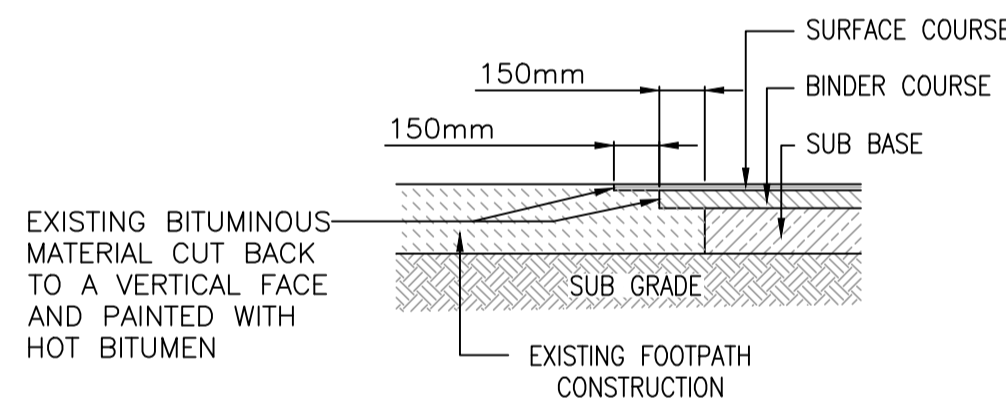
CAPPING AND SUB-BASE THICKNESS IN ACCORDANCE WITH HERTFORDSHIRE COUNTY COUNCIL'S DESIGN GUIDES. CBR VALUES TO BE CONFIRMED BY CONTRACTOR PRIOR TO ANY CONSTRUCTION COMMENCING AND REPORTED BACK TO THE ENGINEER.

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

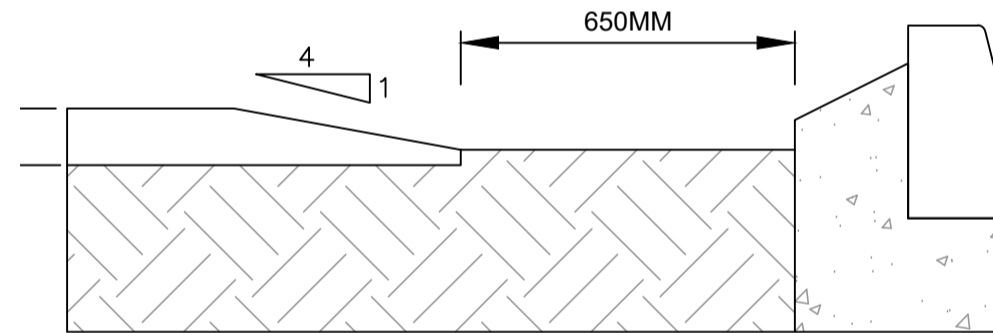
IF SURFACE COURSE IS NOT CONSTRUCTED WITHIN 3 DAYS OF BASE COURSE THEN BASE COURSE MUST BE CLEANED AND BOND COATED PRIOR TO LAYING.



**STAGGERED JOINT BETWEEN NEW AND EXISTING CARRIAGEWAY**  
SCALE 1:25

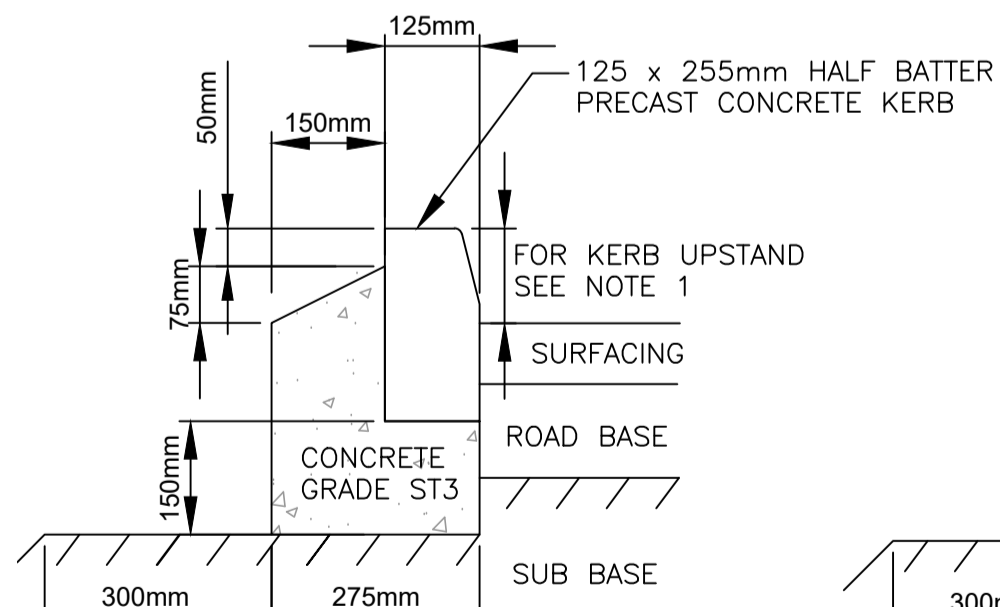


**STAGGERED JOINT BETWEEN NEW AND EXISTING FOOTWAY**  
SCALE 1:25

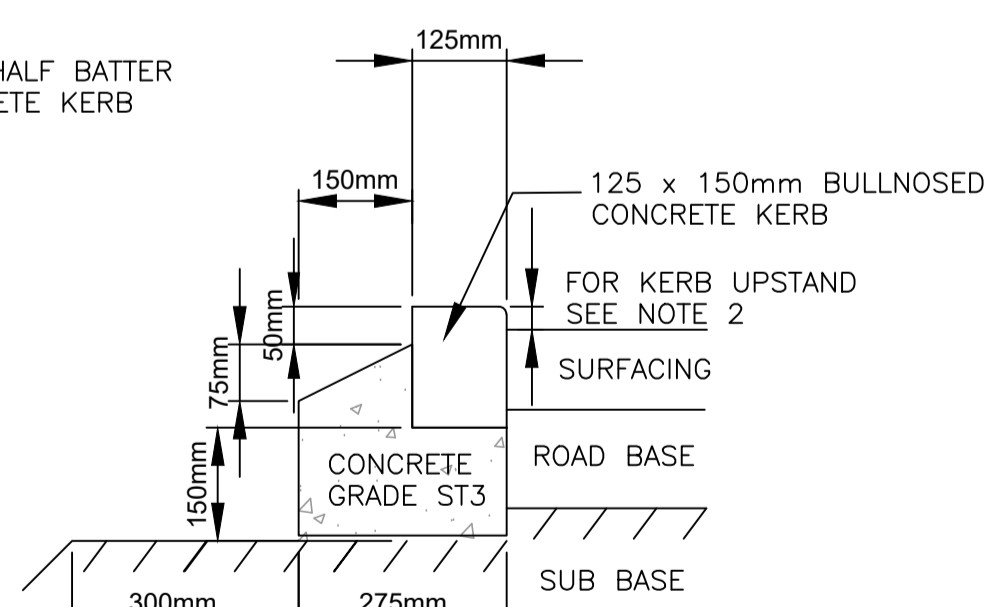


**ROAD CUSHION EDGE DETAIL**  
SCALE 1:10

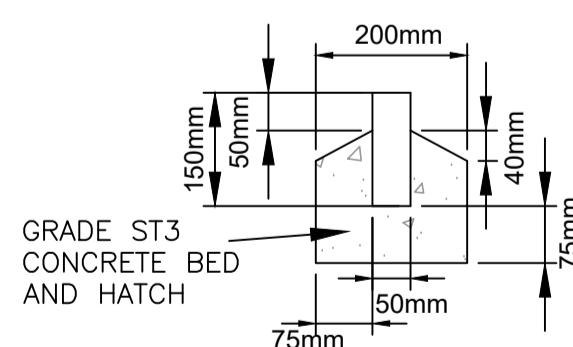
**KERB AND EDGING DETAILS**  
SCALE 1:10



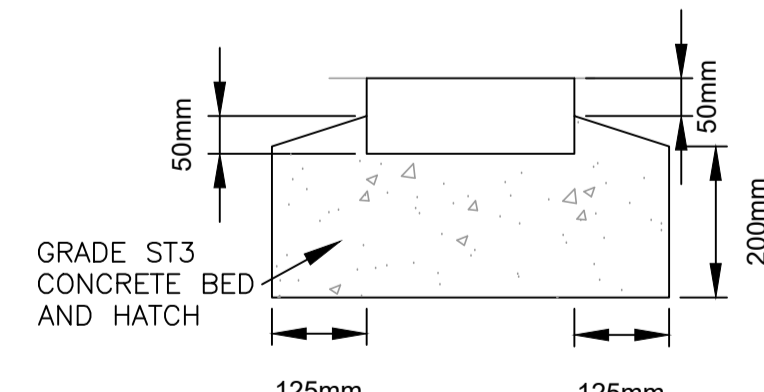
**KERB DETAIL 1**



**KERB DETAIL 2**



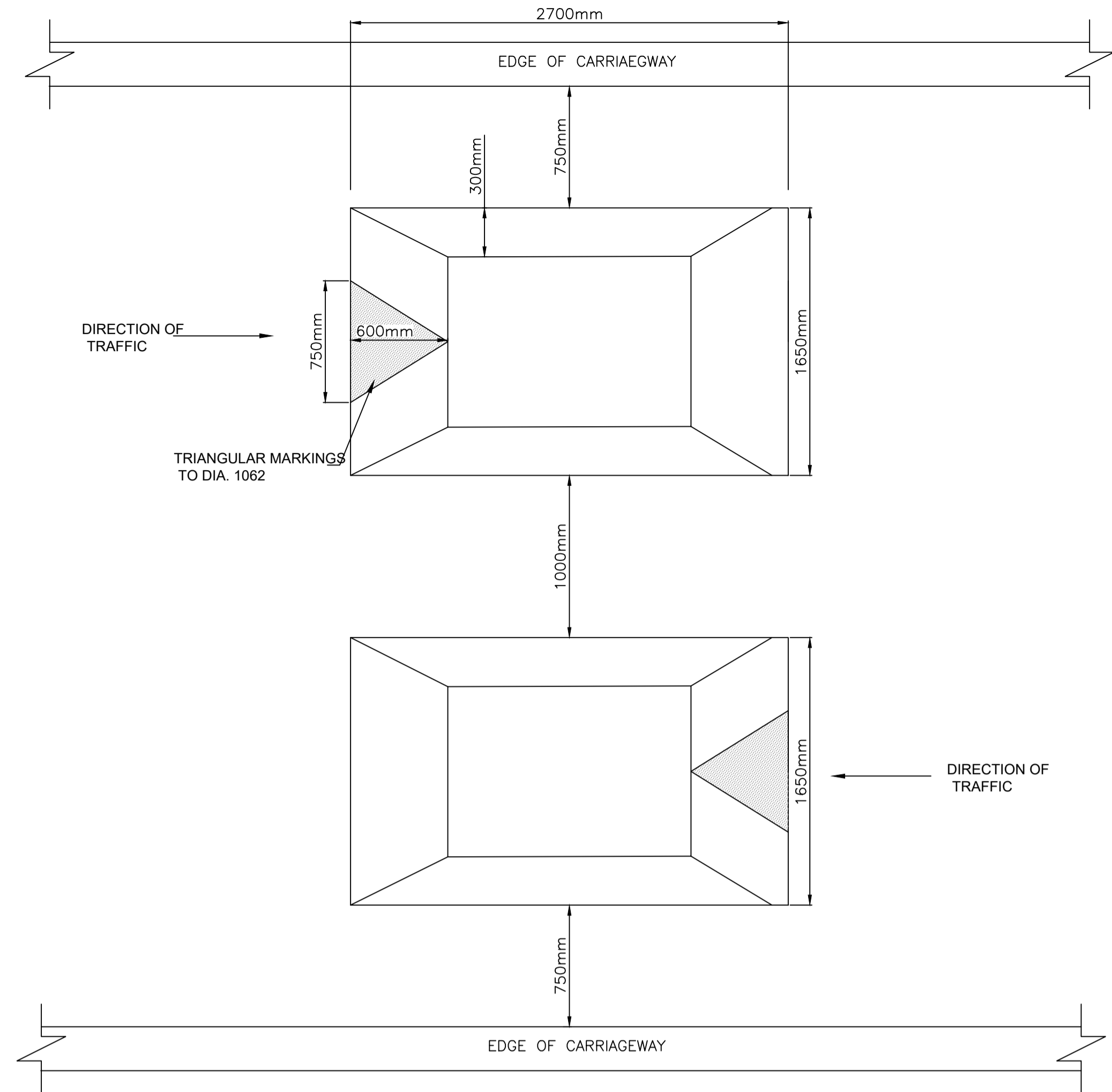
**EDGING DETAIL 1**



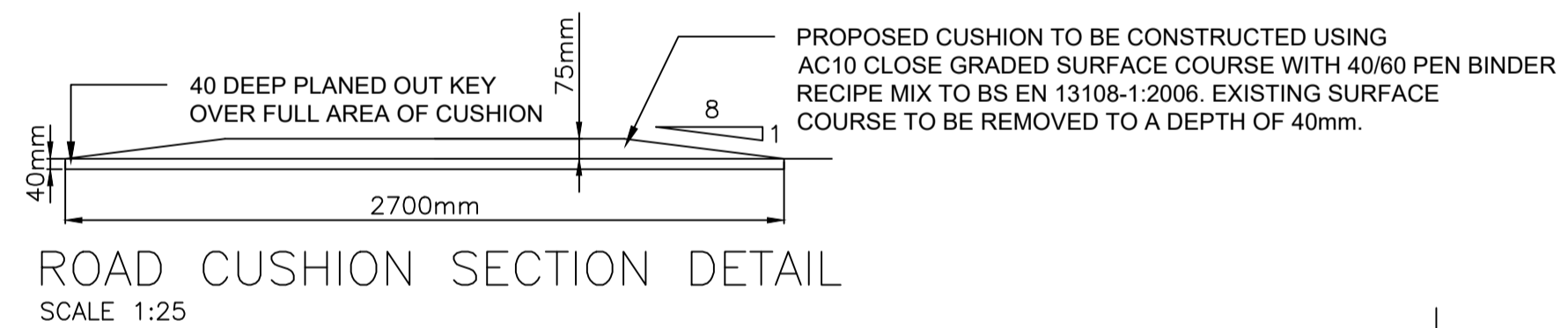
**CHANNEL DETAIL**  
SCALE 1:10

- 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.

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.**

NO	REVISION	BY	DATE
C	FOOTPATH TIE IN DETAIL ADDED IN LINE WITH HCC COMMENTS.	AU	15.12.23
B	GULLY DETAIL ADDED IN LINE WITH HCC COMMENTS. SPEED CUSHIONS UPDATED IN LINE WITH RSA COMMENTS.	AS	12.10.23
A	CHANNEL KERB DETAIL ADDED	AJM	03.02.23
-	INITIAL ISSUE	AJM	12.10.22

DRAWING STATUS

**APPROVED**

DRAWING TITLE

**S278 CONSTRUCTION DETAILS**

PROJECT

**NORTHAW ROAD EAST, CUFFLEY**

**simpson | tws**  
Unit B10  
Elmbridge Court Business Park  
Gloucester GL3 1JZ  
T: 01452 309 727  
E: mail@simpsoneng.com  
W: www.simpsoneng.com

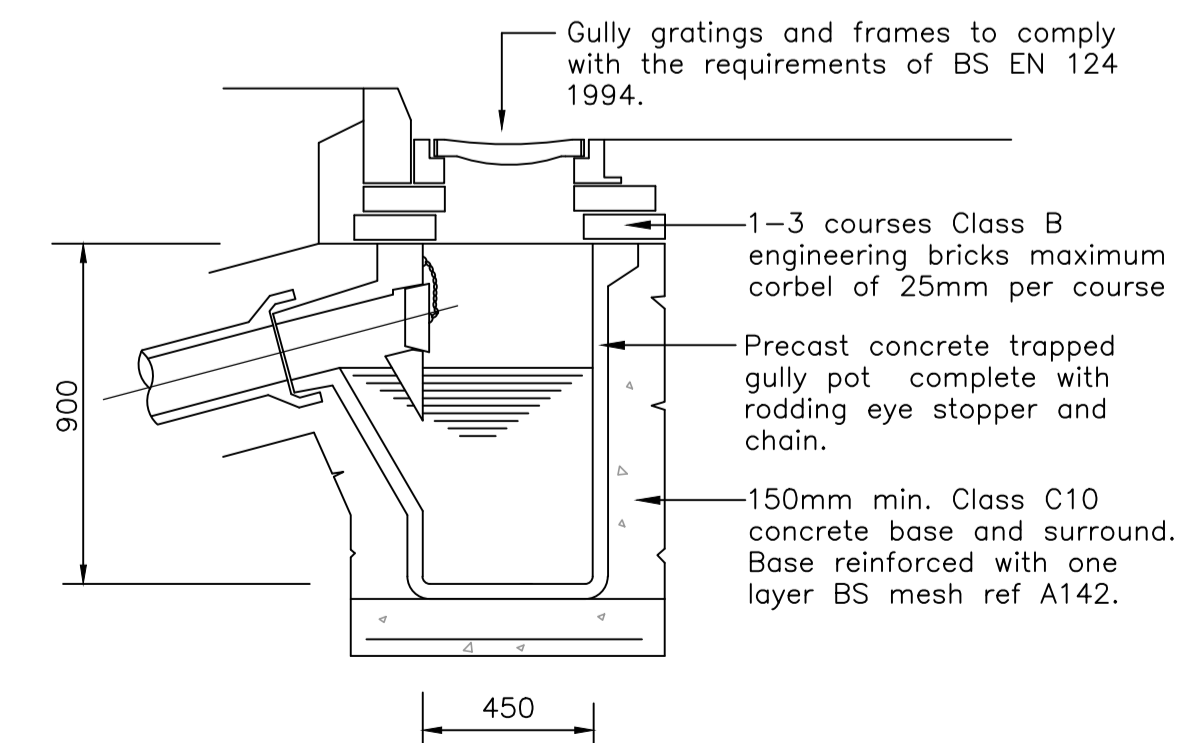
London, Henley-on-Thames, Gloucester and Exeter

Drawn	Ch'd	Scale	Date
AJM	AU	As Noted	FEB 2023

Purpose of Issue

**FINAL**

Project Number	Drawing Number	Revision
<b>P22-772</b>	<b>88</b>	<b>C</b>



**PRECAST TRAPPED GULLY**  
SCALE 1:20