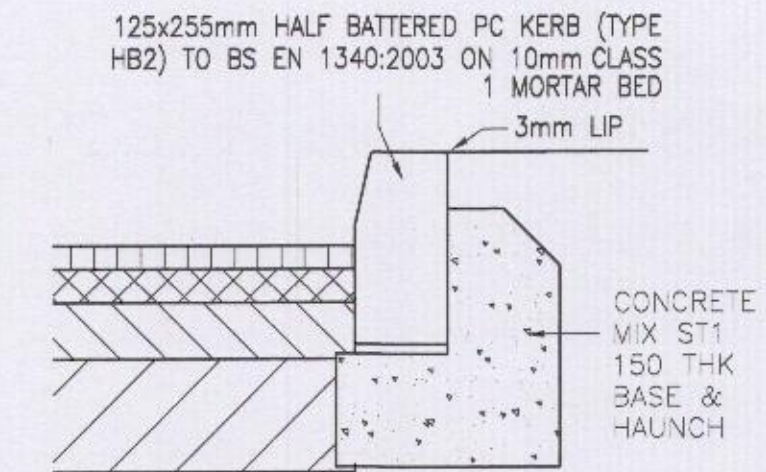
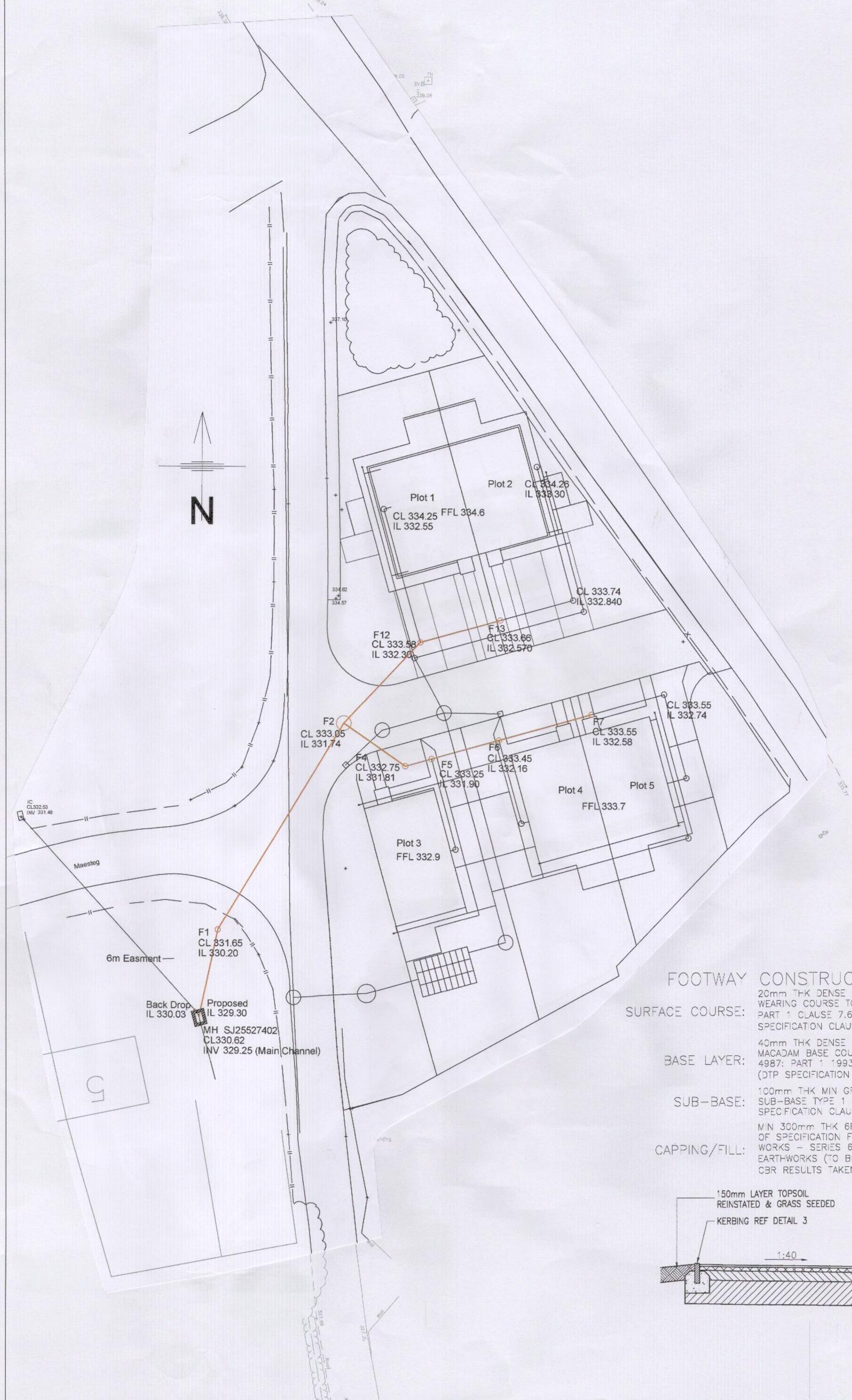
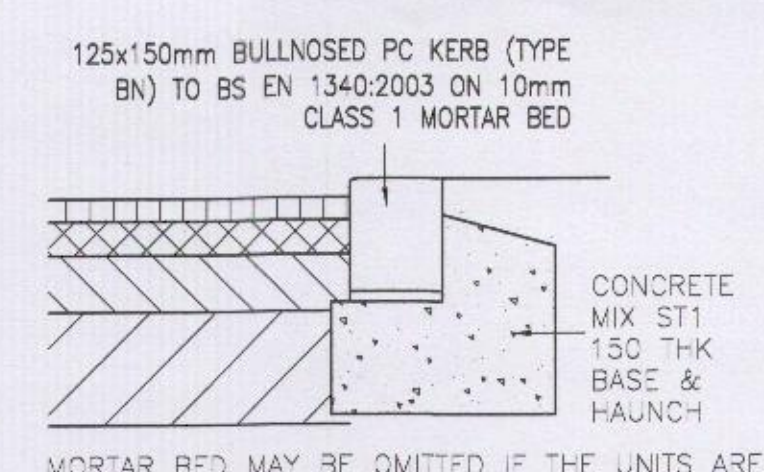
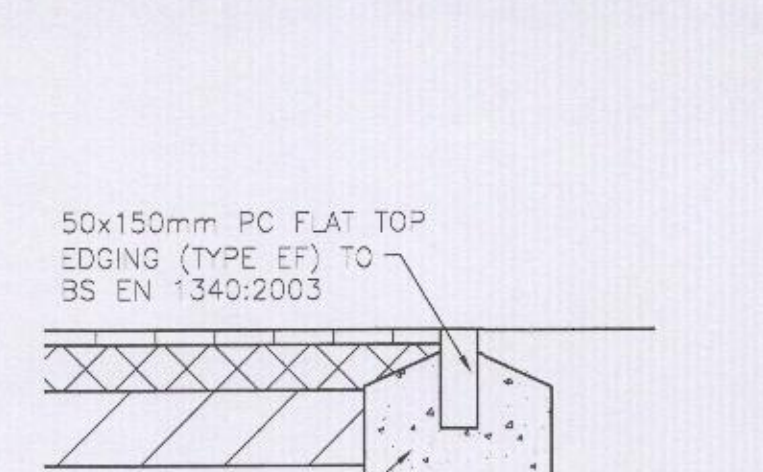




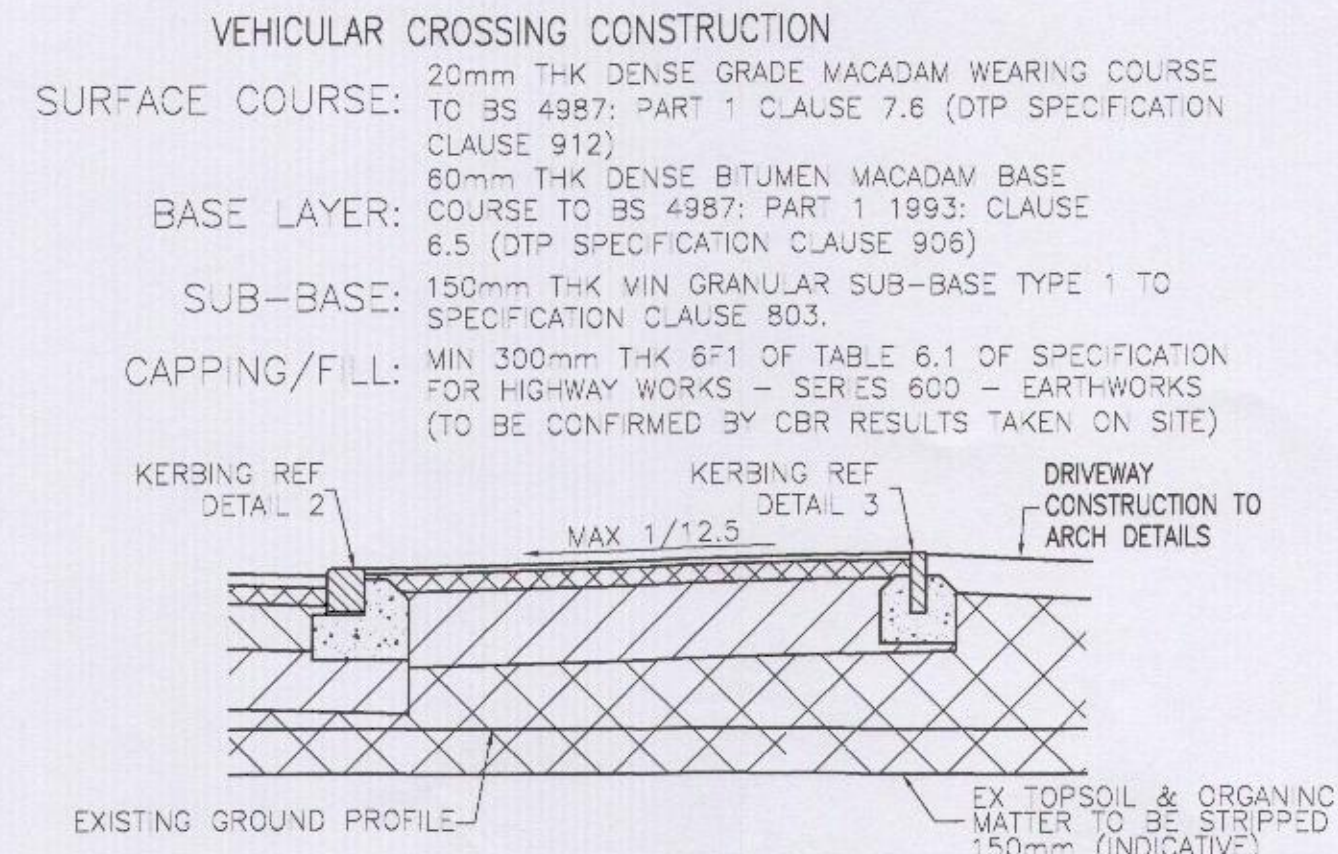
DETAIL 1
HB2 KERB DETAIL
SCALE: 1/10



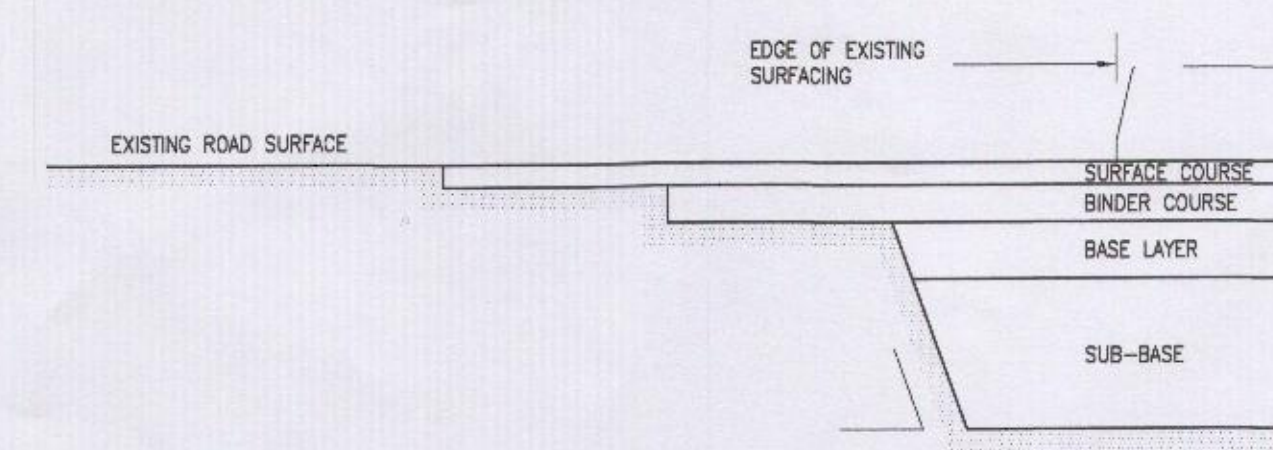
DETAIL 2
BN KERB DETAIL
SCALE: 1/10



DETAIL 3
EK KERB DETAIL
SCALE: 1/10



DETAIL 4
TYPICAL SECTION THROUGH VEHICULAR CROSSINGS
OVER FOOTWAY
SCALE: 1/25

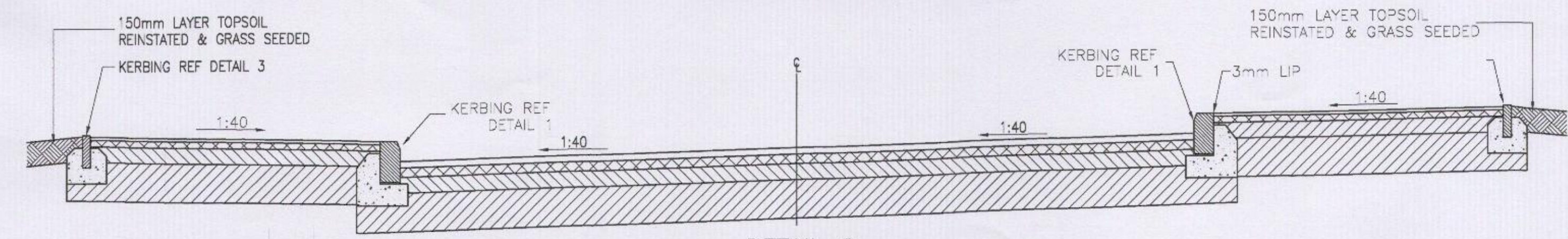


DETAIL 5
CROSS SECTION SHOWING LONGITUDINAL JOINT AT
EDGE OF EXISTING ROAD
SCALE: 1/10

FOOTWAY CONSTRUCTION
SURFACE COURSE: 20mm THK DENSE GRADE MACADAM WEARING COURSE TO BS 4987: PART 1 CLAUSE 7.6 (DTP SPECIFICATION CLAUSE 912)
BASE LAYER: 40mm THK DENSE BITUMEN MACADAM BASE COURSE TO BS 4987: PART 1 1993: CLAUSE 6.5 (DTP SPECIFICATION CLAUSE 906)
SUB-BASE: 100mm THK MIN GRANULAR SUB-BASE TYPE 1 TO SPECIFICATION CLAUSE 803
CAPPING/FILL: MIN 300mm THK 6F1 OF TABLE 6.1 OF SPECIFICATION FOR HIGHWAY WORKS - SERIES 600 - EARTHWORKS (TO BE CONFIRMED BY CBR RESULTS TAKEN ON SITE)

ACCESS ROAD CONSTRUCTION
SURFACE COURSE: 40mm THK HOT ROLLED ASPHALT 55/10C SURF 40/60 DES PSV 55 TO BS EN 13108-4
BINDER COURSE: 60mm THK DENSE BITUMEN MACADAM BINDER COURSE (125 PEN BINDER & 20mm AGGREGATE) TO BS 4987: PART 1 CLAUSE 6.5 (DTP SPECIFICATION CLAUSE 906)
BASE LAYER: 100mm THK DENSE BITUMEN MACADAM BASE COURSE (125 PEN BINDER & 28mm AGGREGATE) TO BS 4987: PART 1 CLAUSE 5.2 (DTP SPECIFICATION CLAUSE 903)
SUB-BASE: 240mm THK MOT TYPE 1 SUB-BASE MATERIAL TO SPECIFICATION CLAUSE 803
CAPPING/FILL: MIN 300mm THK 6F1 OF TABLE 6.1 OF SPECIFICATION FOR HIGHWAY WORKS - SERIES 600 - EARTHWORKS (TO BE CONFIRMED BY CBR RESULTS TAKEN ON SITE)

FOOTWAY CONSTRUCTION
SURFACE COURSE: 20mm THK DENSE GRADE MACADAM WEARING COURSE TO BS 4987: PART 1 CLAUSE 7.6 (DTP SPECIFICATION CLAUSE 912)
BASE LAYER: 40mm THK DENSE BITUMEN MACADAM BASE COURSE TO BS 4987: PART 1 1993: CLAUSE 6.5 (DTP SPECIFICATION CLAUSE 906)
SUB-BASE: 100mm THK MIN GRANULAR SUB-BASE TYPE 1 TO SPECIFICATION CLAUSE 803
CAPPING/FILL: MIN 300mm THK 6F1 OF TABLE 6.1 OF SPECIFICATION FOR HIGHWAY WORKS - SERIES 600 - EARTHWORKS (TO BE CONFIRMED BY CBR RESULTS TAKEN ON SITE)



DETAIL 6
TYPICAL CARRIAGEWAY CONSTRUCTION
SCALE: 1/25

NOTES

- DO NOT SCALE FROM THIS DRAWING.
- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED ON THE DRAWING.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ENGINEER'S & ARCHITECTS DRAWINGS AND RELEVANT SPECIFICATION CLAUSES.

KEY

■ DENOTES PROPOSED HIGHWAY CONSTRUCTION.

SURFACE COURSE: 45mm HOT ROLLED ASPHALT (HRA) TO CI 911 BS EN 594 TABLE 3 20mm NOMINAL AGGREGATE SIZE.

BINDER COURSE: 60mm THK DENSE BITUMEN MACADAM BINDER COURSE (125 PEN BINDER & 20mm AGGREGATE) TO BS 4987: PART 1 CLAUSE 6.5 (DTP SPECIFICATION CLAUSE 906).

BASE LAYER: 100mm THK DENSE BITUMEN MACADAM BASE COURSE (125 PEN BINDER & 28mm AGGREGATE) TO BS 4987: PART 1 CLAUSE 5.2 (DTP SPECIFICATION CLAUSE 903).

SUB-BASE: 150mm THK MOT TYPE 1 SUB-BASE MATERIAL TO SPECIFICATION CLAUSE 803.

CAPPING/FILL: MIN 300mm THK 6F1 OF SPECIFICATION FOR HIGHWAY WORKS - SERIES 600 - EARTHWORKS TO BE CONFIRMED BY CBR TESTS.

■ DENOTES PROPOSED FOOTWAY CONSTRUCTION.

SURFACE COURSE: 20mm THK DENSE GRADE MACADAM WEARING COURSE TO BS4987: PART 1 CLAUSE 7.6 (DTP SPECIFICATION CLAUSE 912).

BASE LAYER: 40mm THK DENSE BITUMEN MACADAM BASE COURSE TO BS4987: PART 1 1993: CLAUSE 6.5 (DTP SPECIFICATION CLAUSE 906).

SUB-BASE: 150mm THK MIN GRANULAR SUB-BASE TYPE 1 TO SPECIFICATION CLAUSE 803.

CAPPING/FILL: MIN 300mm THK 6F1 FILL MATERIAL (TABLE 6.1 OF SPECIFICATION FOR HIGHWAY WORKS - SERIES 600 - EARTHWORKS TO BE CONFIRMED BY CBR TESTS).

■ DENOTES PROPOSED FOOTWAY CROSSING CONSTRUCTION.

SURFACE COURSE: 20mm THK DENSE GRADE MACADAM WEARING COURSE TO BS4987: PART 1 CLAUSE 7.6 (DTP SPECIFICATION CLAUSE 912).

BASE LAYER: 40mm THK DENSE BITUMEN MACADAM BASE COURSE TO BS4987: PART 1 1993: CLAUSE 6.5 (DTP SPECIFICATION CLAUSE 906).

SUB-BASE: 300mm THK MIN GRANULAR SUB-BASE TYPE 1 TO SPECIFICATION CLAUSE 803.

CAPPING/FILL: MIN 300mm THK 6F1 FILL MATERIAL (TABLE 6.1 OF SPECIFICATION FOR HIGHWAY WORKS - SERIES 600 - EARTHWORKS TO BE CONFIRMED BY CBR TESTS).

- EXISTING ROAD CONSTRUCTION TO BE SCARIFIED AT ALL INTERFACES WITH NEW ROAD CONSTRUCTION.
- IMMEDIATELY PRIOR TO LAYING EACH NEW CONSTRUCTION COURSE THE EXISTING SURFACE AT ITS INTERFACE SHALL BE DRY AND BRUSHED CLEAN OF DIRT AND LOOSE MATERIAL. ADDITIONALLY, WHERE THE NEW CONSTRUCTION COURSE COMPRISES OF A BITUMEN OR TAR BOUND MATERIAL, A TACK COAT OF 30% SPRAY GRADE CATIONIC EMULSION SHALL BE APPLIED AT THE RATE OF 0.4 litres/sq.m.
- THE PAVEMENT FOUNDATION IS TO BE DESIGNED AND APPROVED BY DENBIGHSHIRE COUNTY COUNCIL HIGHWAY AUTHORITY FOLLOWING THE RESULTS OF CBR TESTING PRIOR TO CONSTRUCTION.

WHITE LINING NOTES

- FOR REFERENCE TO ROAD MARKINGS REFER TO TRAFFIC SIGN REGULATIONS AND GENERAL DIRECTIONS (TSRD) LATEST DOCUMENT.
- ROAD MARKINGS SHOULD BE IN ACCORDANCE WITH SPECIFICATION FOR HIGHWAY WORKS SERIES 1200.
- ALL MARKINGS TO BE OF THERMOPLASTIC SPRAY OR SCREED WITH APPLIED SOLID CLASS BEADS AND DESIGNED IN ACCORDANCE WITH CHAPTER 5 OF THE TRAFFIC SIGNS MANUAL.

KERBING NOTES

- ALL KERBING TO BE CARRIED OUT IN ACCORDANCE WITH THE SPECIFICATION FOR HIGHWAY WORKS SERIES 1100 AT THE CHANGES OF DIRECTION, APPROPRIATE QUADRANTS OR ANGLES SHALL BE USED.
- FOR KERBS LAID AT A RADIUS BETWEEN 1-12m, THE APPROPRIATE DROP KERB UNIT SHALL BE USED WHERE SHOWN AS DK.
- WHERE KERB LINES TERMINATE THE APPROPRIATE DROP KERB UNIT SHALL BE USED WHERE SHOWN AS DK.
- ALL KERBS SHALL BE PRECAST CONCRETE TO BS7263 : 1994.

LEGEND

- HB2 125 x 250mm PC HALF BATTERED KERB (HB2) - REF: DETAIL 1.
- DK SINGLE PC HALF BATTERED DROP KERB.
- BN 125 x 150mm PC BULLNOSED KERB (BN) - REF DETAIL 2.
- EF 150 x 50mm PC FLAT TOP EDGING KERB (EF) - REF DETAIL 3.

DRAFT ISSUE FOR DISCUSSION

Revisions.				
Revision	Made by	Date	Checked	Description
A	K.B.	09/02/17	B.T.	AMEND TO SUIT NEW ARCHITECT LAYOUT.
Bingham Rawlings Partnership Limited Consulting Civil & Structural Engineers The Stables 1 Grosvenor Road Wrexham LL11 1BS Telephone: (01978) 353522 Fax: (01978) 355177 e-mail : consult@brp2000.co.uk				
Project: MAESTEG, WREXHAM.				
Drawing Title: KERBING & SURFACING LAYOUT				
Architect	D2 ARCHITECTS			
Client	D.W.STANTS			
Scale	1:200			
Drawn	K.Blackwell			
Date	24.09.16			
Checked	B.Thorne			
Revision				A
3597				533