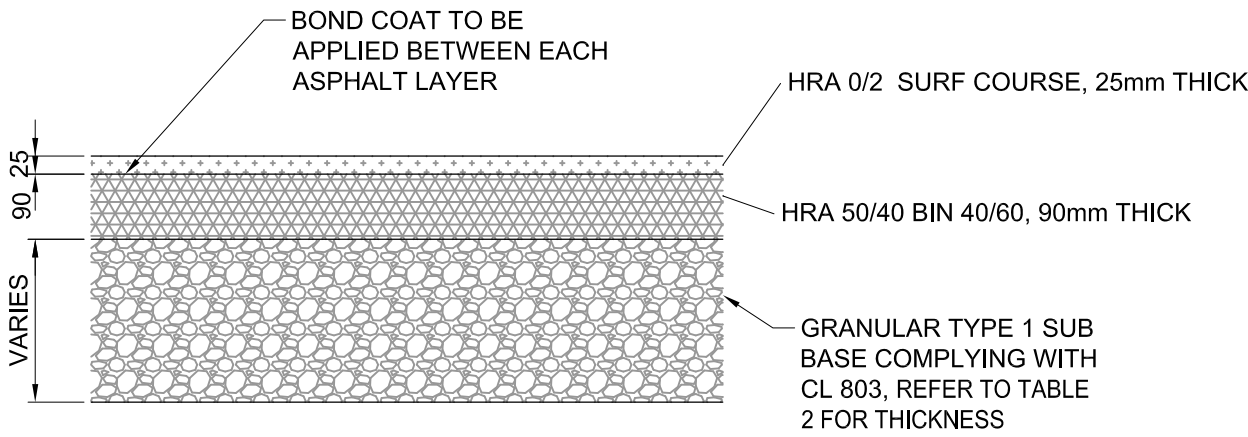


ROAD CONSTRUCTION DETAIL
SCALE 1:10

CBR VALUE	2.5% ≤CBR<3.5%	3.5% ≤CBR< 5%	5% ≤CBR<7.5%	7.5% ≤CBR<10%	CBR ≥10%
SUB-BASE	440mm	380mm	320mm	220 mm	240mm

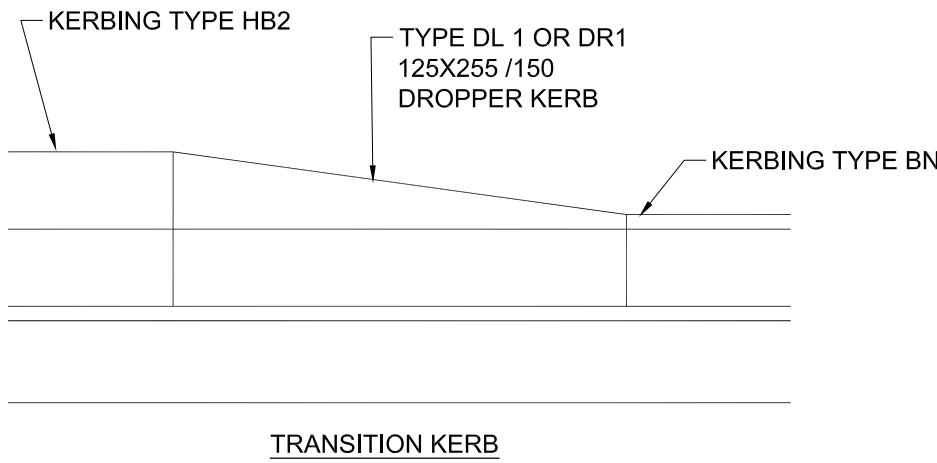
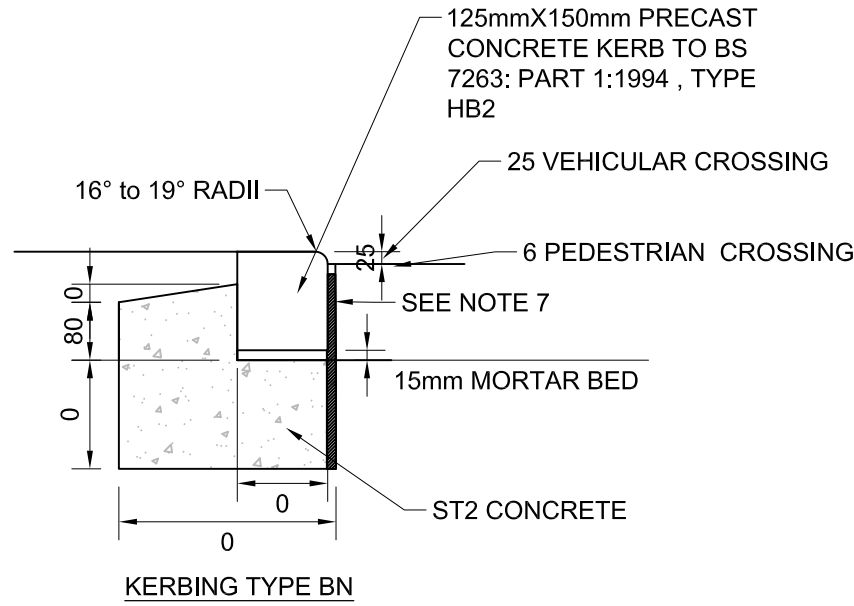
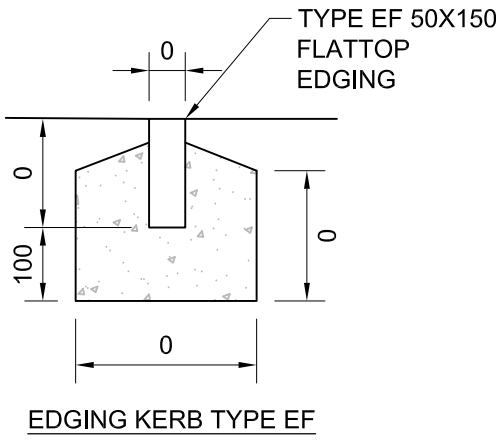
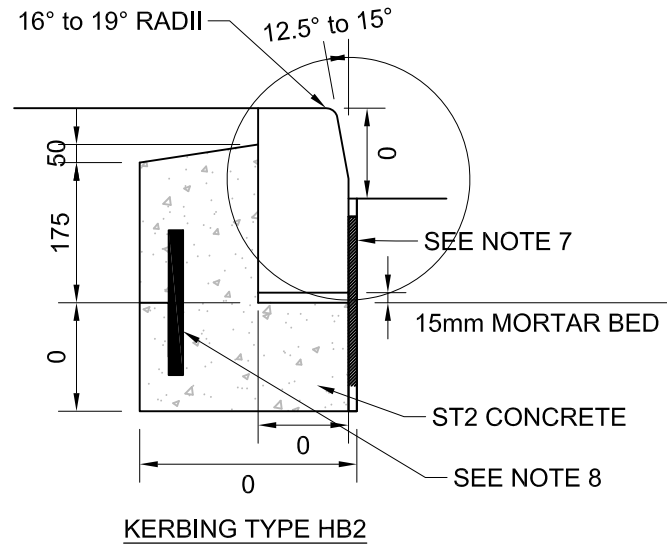
TABLE 1
SUB-BASE THICKNESS



SHARED FOOTWAY/CYCLEWAY CONSTRUCTION DETAIL
SCALE 1:10

CBR VALUE	CBR≤2%	CBR≤3%	CBR≤4%	CBR≤5%	CBR>5%
SUB-BASE	365mm	270mm	210mm	165mm	150mm

TABLE 2
SUB BASE THICKNESS FOOTWAY/CYCLEWAY



PRECAST CONCRETE KERBS, AND EDGINGS TO BS EN 1340:2003
SCALE 1:10

- NOTES:
- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
 - ALL PAVING TO BE IN ACCORDANCE WITH THE SPECIFICATION FOR HIGHWAYS WORKS AND CARDIFF CITY COUNTY SPECIFICATION.
 - THE THICKNESS OF THE PROPOSED SUB-BASE WILL BE DETERMINED BY THE CBR VALUE OF THE EXISTING SUB-GRADE. TESTING TO BE CARRIED OUT BY THE CONTRACTOR. METHOD AND INTERVALS TO BE APPROVED BY THE ENGINEER. SEE TABLE 1.
 - WHERE THE CBR OF THE SUBGRADE IS FOUND TO BE LESS THAN 2.5% CONSULT THE ENGINEER.
 - EXISTING PAVEMENT LAYERS TO BE CUT OUT TO ACCOMMODATE FULL DEPTH OF NEW CONSTRUCTION LAYER.
 - EXISTING PAVEMENT AGAINST WHICH BITUMINOUS COURSES ARE TO BE LAID ARE TO BE BRUSHED FREE OF DUST AND LOOSE MATERIAL BEFORE THE APPLICATION OF A BOND COAT.
 - WHERE KERBING IS TO BE LAID AGAINST EXISTING CARRIAGEWAY, WHICH IS NOT TO BE SURFACED, THE GAP BETWEEN THE CARRIAGEWAY AND THE KERB SHALL BE AS FOLLOWS:
A: GAPS LESS THAN 25mm CLEAN OUT TO A MINIMUM OF 20mm DEEP AND SEAL TO CLAUSE 1017.5 OF THE SHW.
B: GAPS GREATER THAN 25mm CLEAN OUT TO A MINIMUM OF 50mm DEEP FILL WITH FINE COLD ASPHALT WELL COMPACTED.
 - 200mm LONG DIA. DEFORMED STEEL BARS PLACED AT 450mm CENTERS TO TIE KERB BACKING TO BEDDING IF KERBS ARE BACKED AT A LATER TIME THAN THE KERB BASE IS LAID, AND SHALL APPLY TO SHARP BENDS AND RADIUS KERBS (TURNING HEADS AND JUNCTIONS) IRRESPECTIVE OF WHETHER OR NOT THE KERB RACE IS LAID IN TWO OPERATIONS OR NOT.

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Rev	Date	Description	Drawn	Check	Approv
P01	16/10/18	FIRST ISSUE	AA	MT	MG

Client

Dŵr Cymru Welsh Water.

PROJECT:

LLANISHEN & LISVANE RESERVOIR VISITOR CENTRE

Site

Dŵr Cymru Welsh Water
Llanishen & Lisvane Reservoir Cardiff

Client

Dŵr Cymru Welsh Water
Ty Awen
Newport NP10 8FZ
United Kingdom
www.dwrcymru.com

Design & Consultancy
for natural and built assets

Registered office:

Arcadis House
34 York Way
London
N1 9AB

Coordinating office:

Arcadis Cymru House
Fortran Road, St Mellons
Cardiff CF3 0EY
Tel: 44 (0)29 2092 6700

www.arcadis.com

TITLE:

STANDARD ROAD DETAILS

Designed	A.AMIN	Signed	Date
Drawn	A.AMIN	Signed	16/10/2018
Checked	M.TOWLER	Signed	Date
Approved	M.GRIFFITHS	Signed	16/10/2018
Scale:	1:10	Datum:	ODN
Original Size:	A1	Grid:	OS
Suitability Code:	S2	Project Number:	10025954

Suitability Description:

ISSUED FOR INFORMATION
NOT TO BE USED FOR CONSTRUCTION

Drawing Number:

LIS-ARC-XX-070-DR-C-0008

Revision:

P01