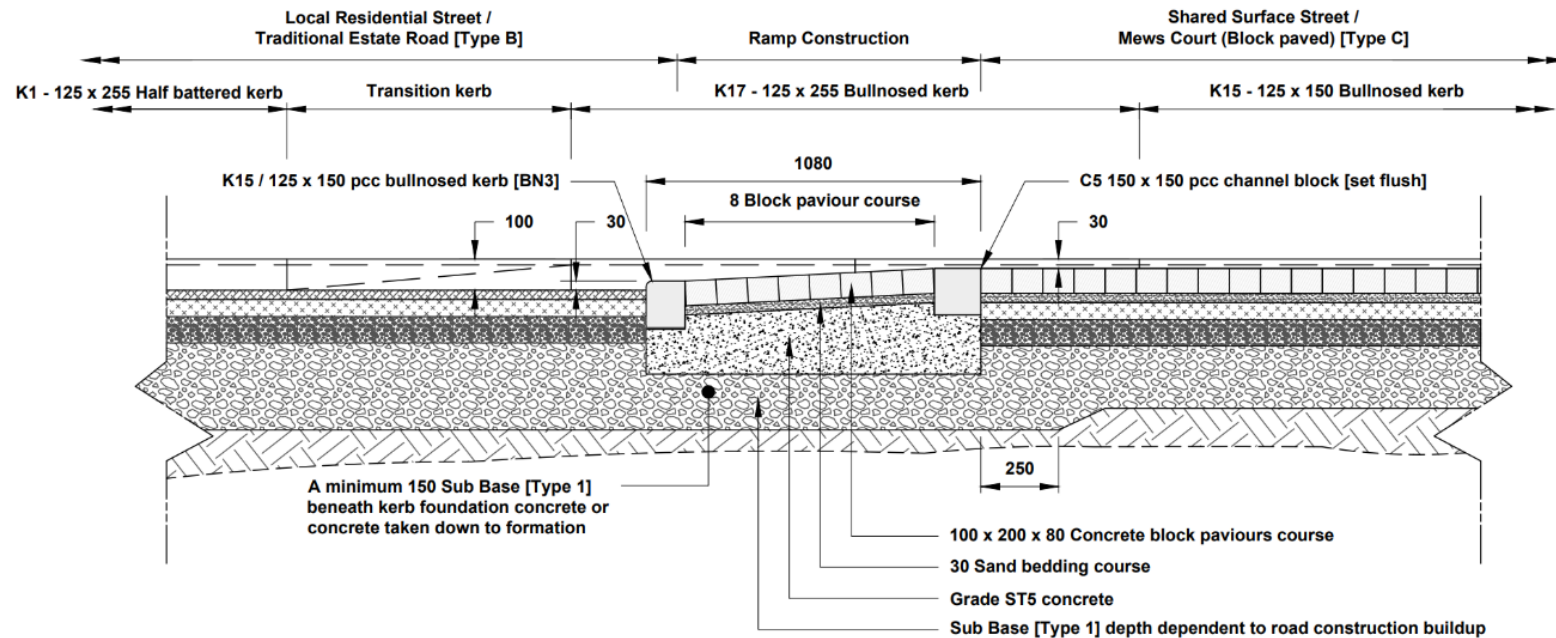


1. Unless stated otherwise all dimensions are in millimetres.



Commercial Regulatory and Operational Service
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Huddersfield, HD1 6LG

Project

STANDARD DETAILS

Title

RAMP DETAIL
CROSS SECTION B - B

Scale

1:20

Drawn
MWN

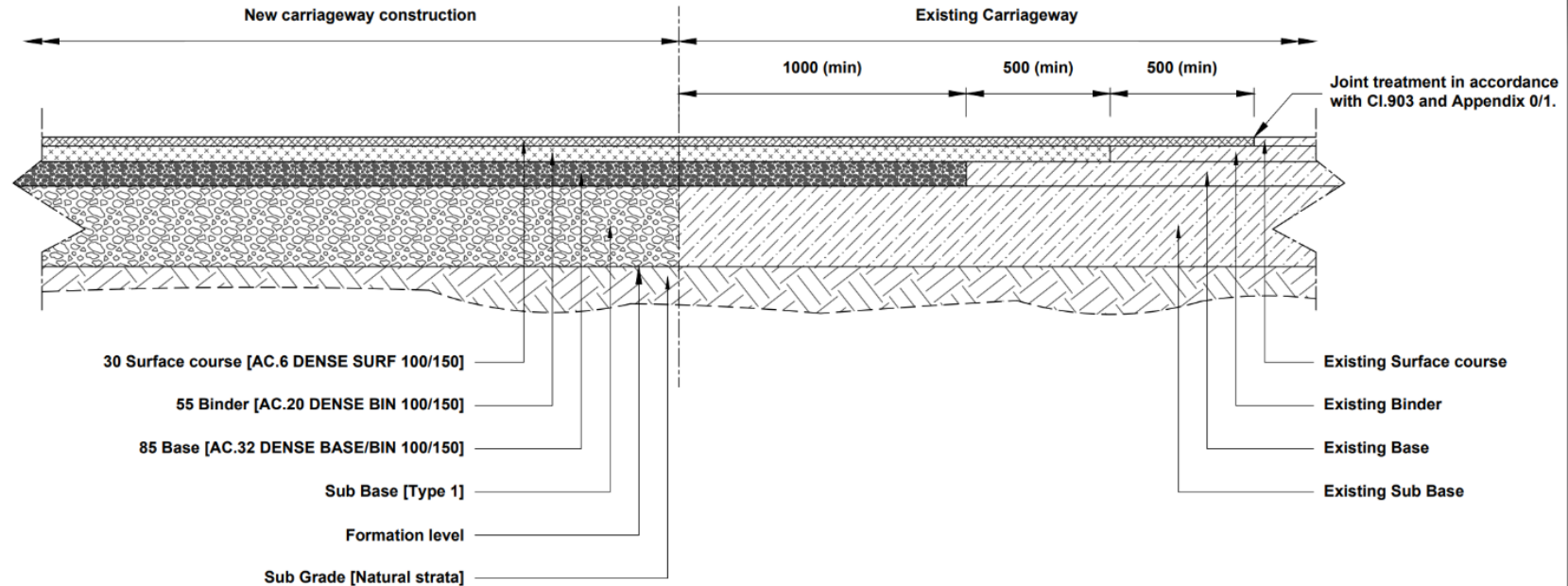
Checked
JMH

Section
HD

Date
MAY 2022

Drawing No. HD-SD-07-17A

1. Unless stated otherwise all dimensions are in millimetres.



THIS DETAIL SHOWS NEW TO NEW & NEW TO EXISTING, TRADITIONAL ESTATE ROAD TO AN EXISTING TRADITIONAL ESTATE ROAD TIE-IN DETAILS
FOR ANY OTHER CATEGORY OF ROAD, A BESPOKE TIE-IN DETAIL IS REQUIRED



Project

STANDARD DETAILS

Scale

1:20

Drawn

MWN

Checked

JMH

Commercial Regulatory and Operational Service
Highway Design
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Title

**CARRIAGEWAY TIE-IN
SECTION C-C**

Section

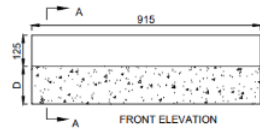
HD

Date

MAY 2022

Drawing No.

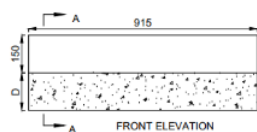
HD-SD-07-18A



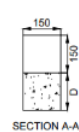
CHANNEL TYPE 1
C1/ DEPTH OF BED(mm)



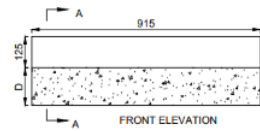
SECTION A-A



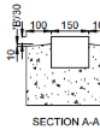
CHANNEL TYPE 5
C5/ DEPTH OF BED(mm)



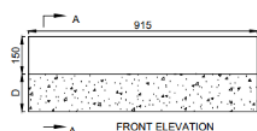
SECTION A-A



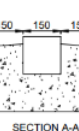
CHANNEL TYPE 2
C2/ DEPTH OF BED(mm)



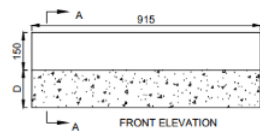
SECTION A-A



CHANNEL TYPE 6
C6/ DEPTH OF BED(mm)



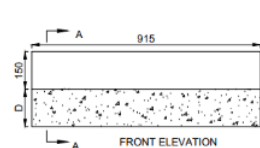
SECTION A-A



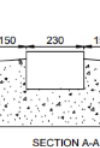
CHANNEL TYPE 3
C3/ DEPTH OF BED(mm)



SECTION A-A



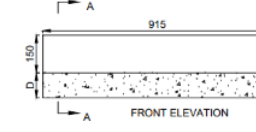
CHANNEL TYPE 4
C4/ DEPTH OF BED(mm)



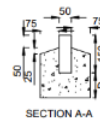
SECTION A-A

NOTE

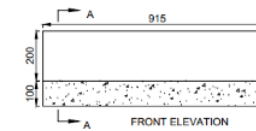
1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. THE DEPTH 'D' OF FOUNDATIONS, BEDS, CHANNELS ETC. SHALL UNLESS OTHERWISE SHOWN, BE MEASURED AT THE EDGE OF THE CARRIAGEWAY OR HARD SHOULDER DEFINED ON THE DRAWINGS AND SHALL INCLUDE THE MORTAR BED WHERE APPROPRIATE.
3. ALTHOUGH THE UNDERSIDE OF FOUNDATIONS ARE SHOWN HORIZONTAL ON THE STANDARD DETAIL DRAWINGS, ALLOWANCE MUST BE MADE FOR CROSS-FALLS OF FORMATIONS AND PAVEMENT COURSES AND VERGES.
4. WHERE A CONCRETE CHANNEL ABUTS ROLLED ASPHALT WEARING COURSE, IT SHALL BE PAINTED WITH A TACK COAT OF 70/100 PEN. PAVING GRADE BITUMEN.
5. STANDARD 125 x 150 BULLNOSED KERBS SHALL NOT BE PERMITTED AS CHANNELS.
6. FOR CHANNELLING INCLUDING THE SUFFIX 'V', GRADE C25/30 CONCRETE IS TO BE USED IN THE FOUNDATION AND BACKING.
7. INSITU CONCRETE TO BE CLASS C8/10 OR ST2.
8. FOR CHANNELS ADJACENT TO FLAGGED OR BLOCK PAVED AREAS, DIMENSION 'B' SHALL BE 15mm GREATER THAN DEPTH OF PRECAST ELEMENT OR UNIT. IN ALL OTHER SITUATIONS DEPTH AS SHOWN



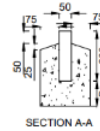
EDGING TYPE 1
E1/ DEPTH OF BED(mm)



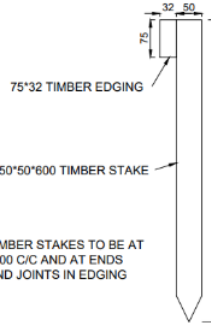
SECTION A-A



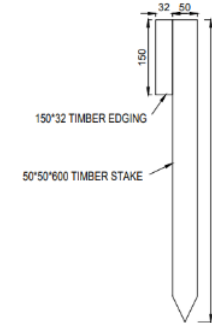
EDGING TYPE 2
E2/ DEPTH OF BED(mm)



SECTION A-A



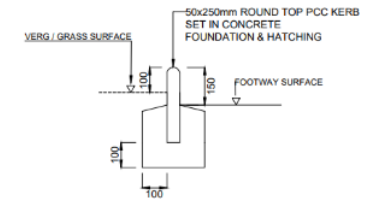
EDGING TYPE 3
E3



EDGING TYPE 4
E4

NOTE

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. INSITU CONCRETE TO BE CLASS C8/10 OR ST2.
3. WHERE THE SUFFIX 'V' IS INCLUDED, GRADE C25/30 CONCRETE IS TO BE USED IN THE FOUNDATION AND BACKING.
4. TREATMENT OF TIMBER TO BE IN ACCORDANCE WITH CLAUSE 311 OF THE SPECIFICATION
5. TIMBER EDGINGS SHALL BE FIXED TO STAKES WITH 75mm GALVANISED STEEL NAILS, TWO PER STAKE.



EDGING TYPE 5
E5



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Project

STANDARD DETAILS

Title

CHANNEL AND EDGING

Scale

NOT TO SCALE

Drawn

AKKV

Checked

DB

Section

HD

Date

APRIL 22

Drawing No. HD/SD/11/05B