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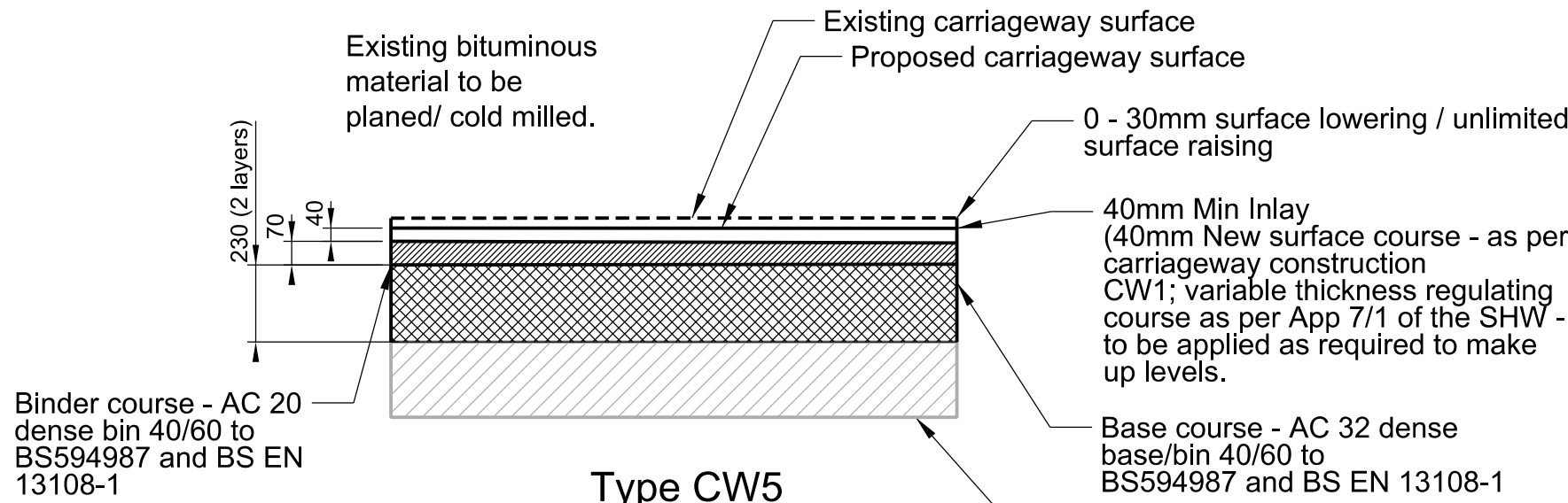
J

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Type CW5
Plane, Regulate and Resurface

(0mm to 30mm Lowering or Raising from existing levels)
Design to CD226.

Surface course PSV=65

NB1: Minimum of 40mm to be planned off, to be increased to a maximum of 70mm where carriageway levels are to be lowered up to 30mm from existing surface level.

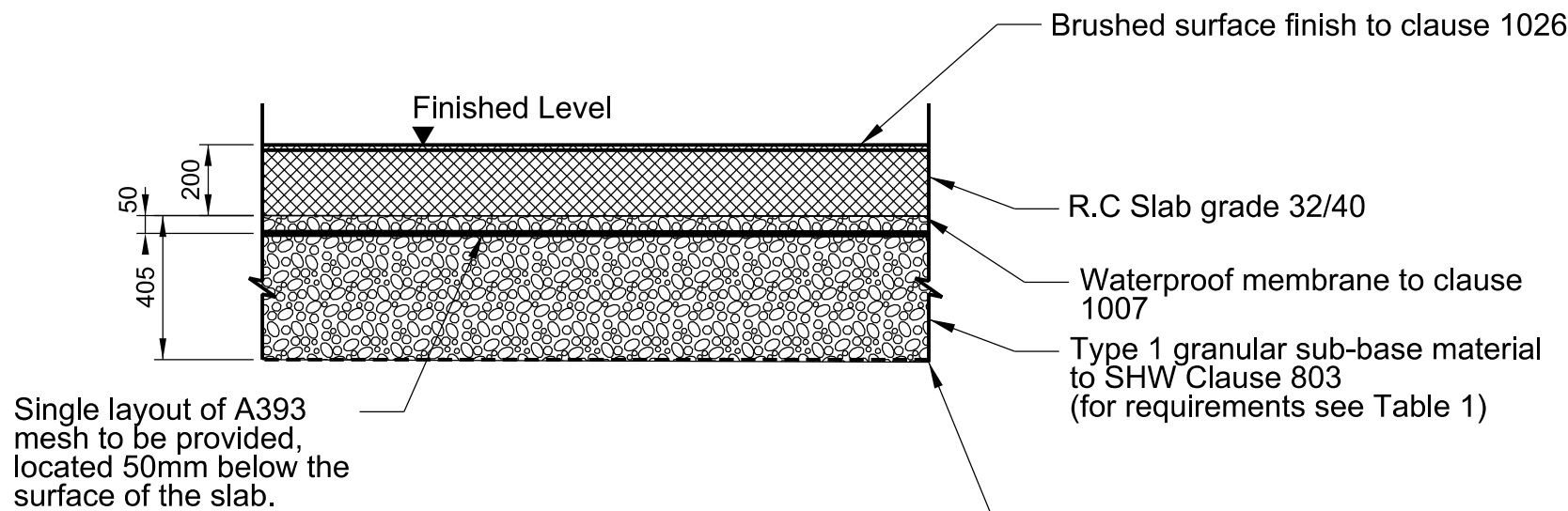
Build up to be:

Surface course - Black coloured SMA Surface Course. SMA Surf 14 to BS EN13108-5, BS594987 and BS EN 13043.

Binder course - AC 20 dense bin 40/60 to BS594987 and BS EN 13108-1

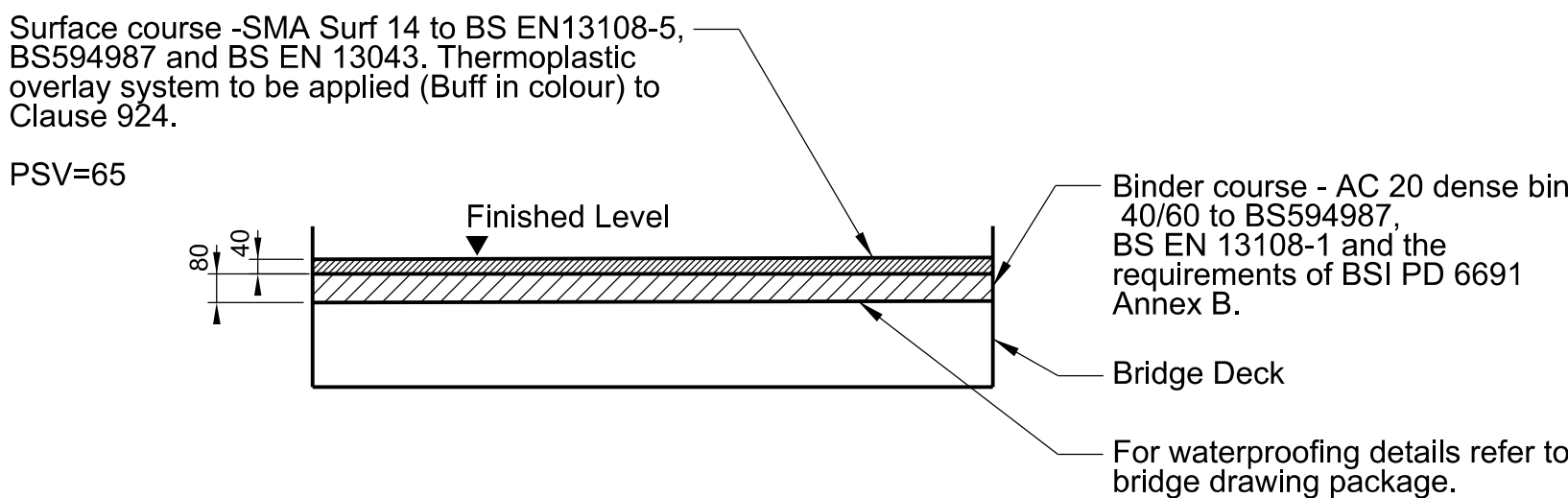
Base course - AC 32 dense base/bin 40/60 to BS594987 and BS EN 13108-1

For tie in stepping in detail refer to drawing: A61-ARUP-XX-XX-DR-CH-142



Type CW8 - SMA River Access Road

(Access road designed to 8 msa)
Design to CD226

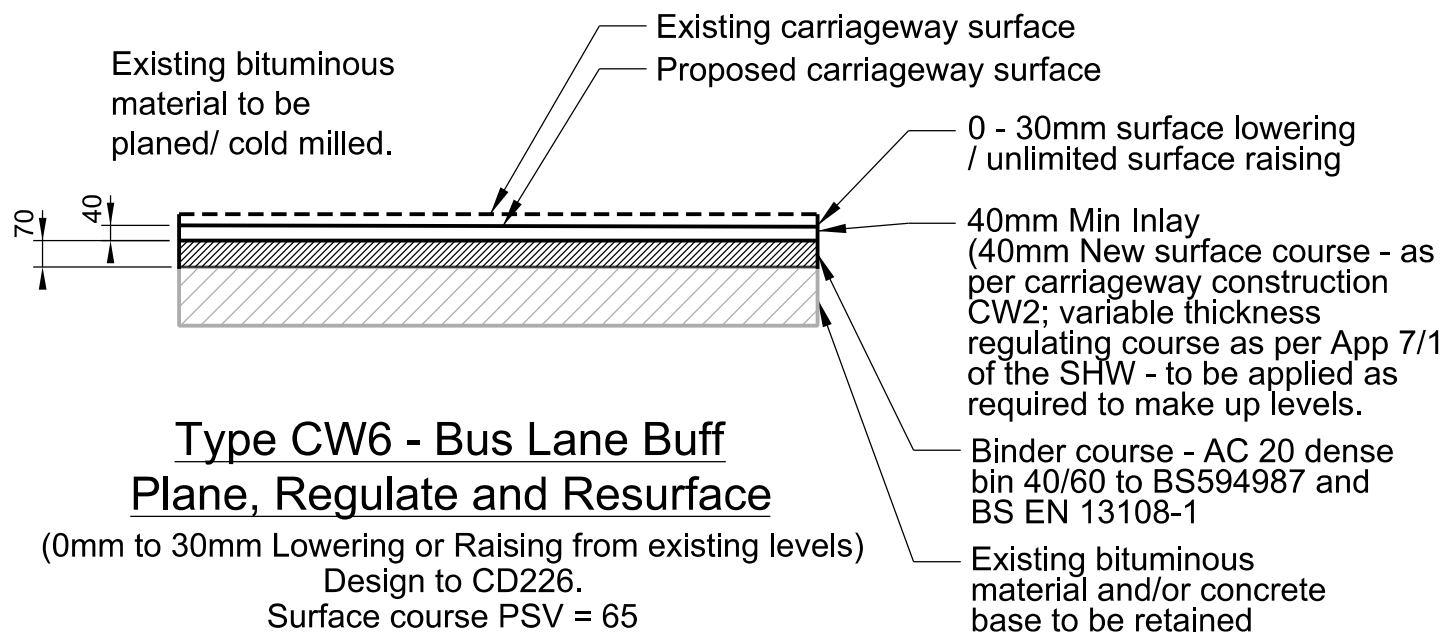


Type CW9 - SMA with Thermoplastic overlay
(Buff in colour) - Bridge Deck

(Carriageway designed to 50.81 msa)
Design to CD226.

Surface course PSV = 65

Surface course thickness/ Sub base design to BMBC Requirements



Type CW6 - Bus Lane Buff
Plane, Regulate and Resurface

(0mm to 30mm Lowering or Raising from existing levels)
Design to CD226.

Surface course PSV = 65

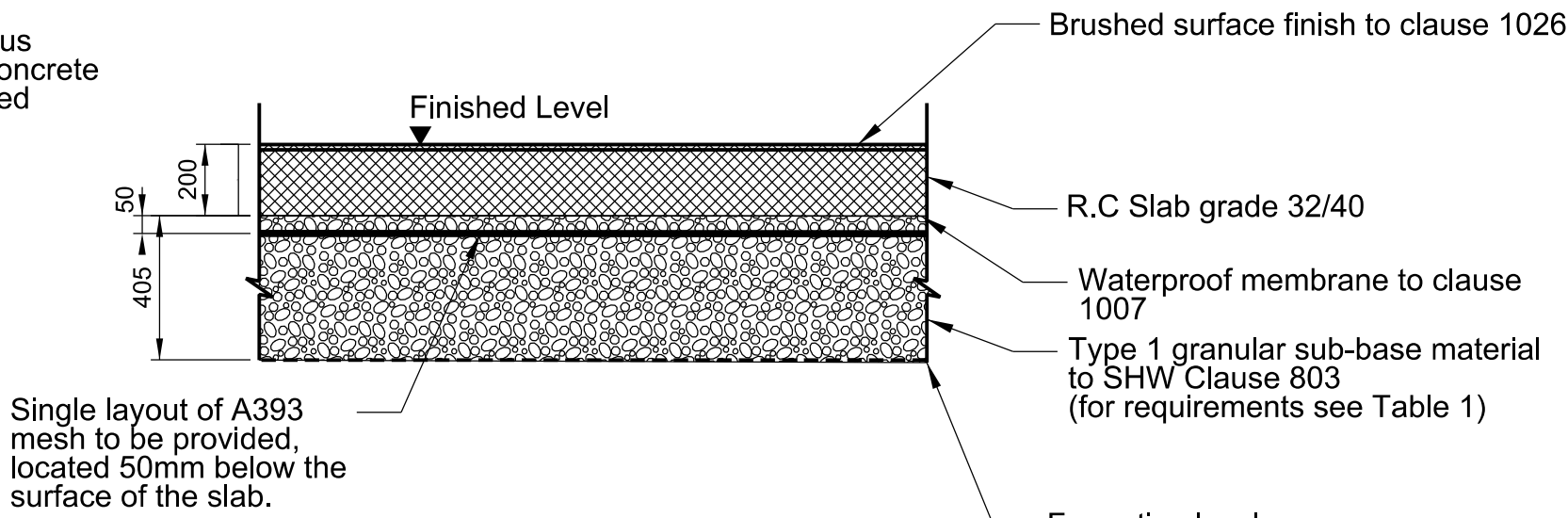
NB1: Minimum of 40mm to be planned off, to be increased to a maximum of 70mm where carriageway levels are to be lowered up to 30mm from existing surface level.

Build up to be:

Surface course - Surface course - SMA Surf 14 to BS EN13108-5, BS594987 and BS EN 13043. Thermoplastic overlay system for bus lanes to be applied (Buff in colour) to Clause 924. HFS to have appropriate HAPAS certification.

Binder course - AC 20 dense bin 100/150 to BS594987 and BS EN 13108-1

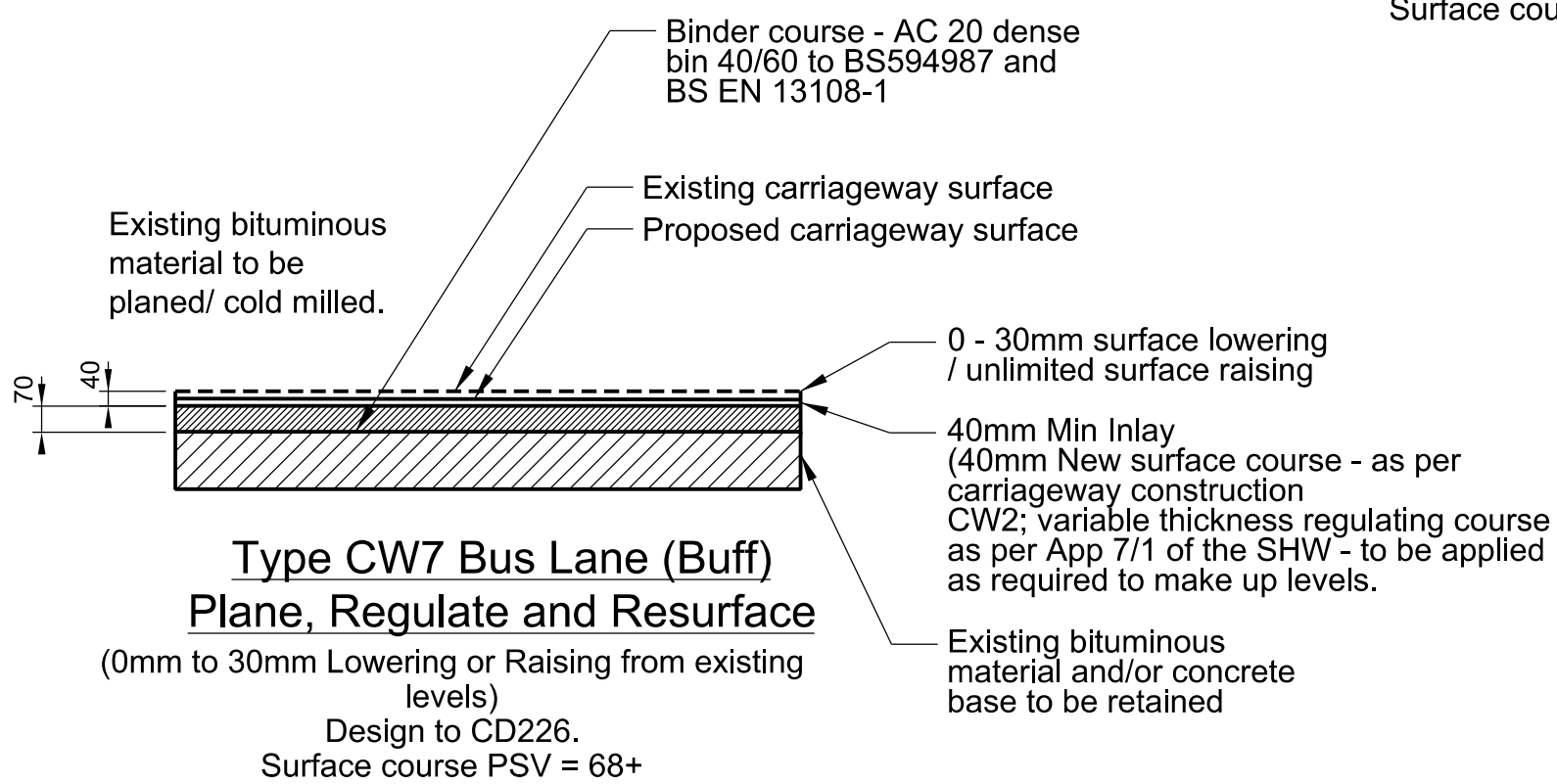
For tie in stepping in detail refer to drawing: A61-ARUP-XX-XX-DR-CH-142



Type CW10 - Bus stop (Concrete)

(Bus stop designed to 1 msa)
Design to CD226

Surface course thickness/ Sub base design to BMBC Requirements



Type CW7 Bus Lane (Buff)
Plane, Regulate and Resurface

(0mm to 30mm Lowering or Raising from existing levels)
Design to CD226.

Surface course PSV = 68+

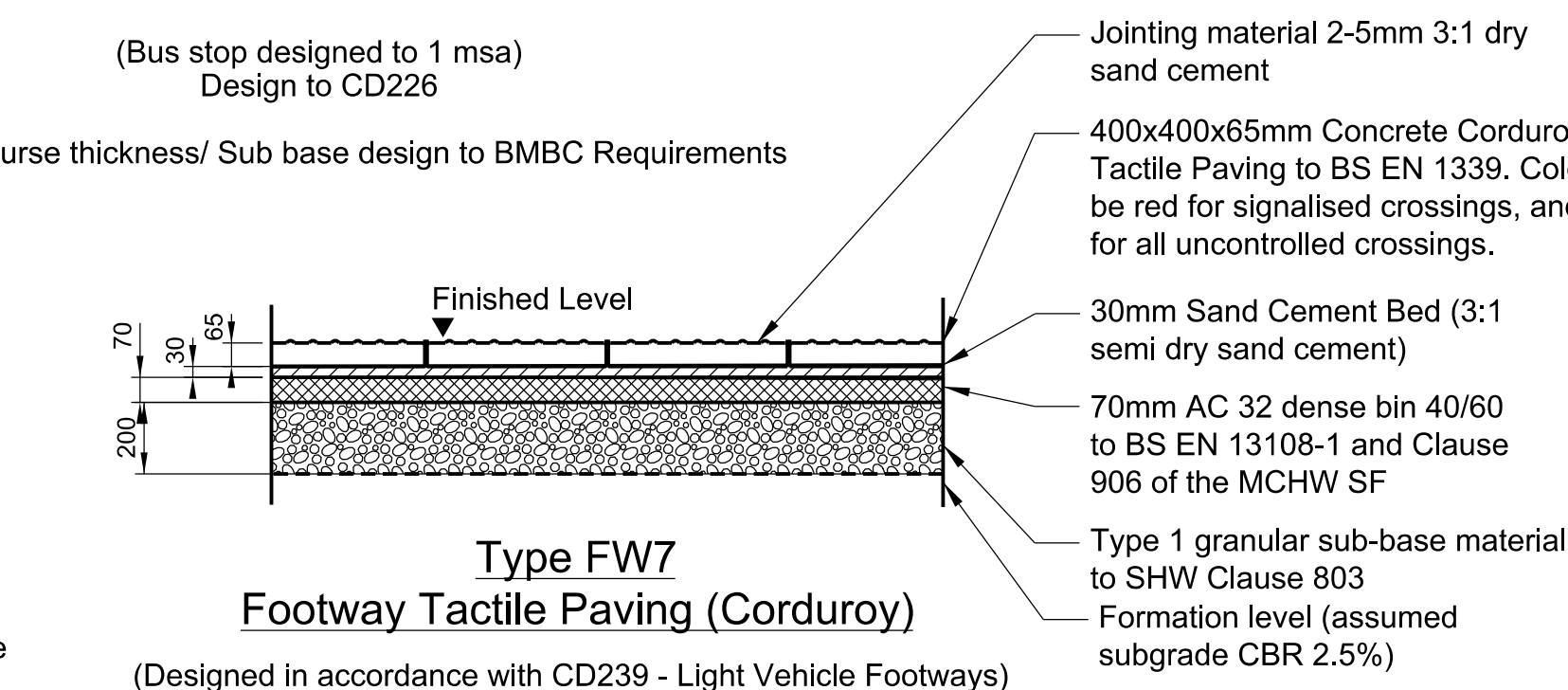
NB1: Minimum of 40mm to be planned off, to be increased to a maximum of 70mm where carriageway levels are to be lowered up to 30mm from existing surface level.

Build up to be:

Surface course - Surface course - SMA Surf 14 to BS EN13108-5, BS594987 and BS EN 13043. Thermoplastic High Friction Surface to be applied (Buff in colour) to Clause 924. HFS to have appropriate HAPAS certification.

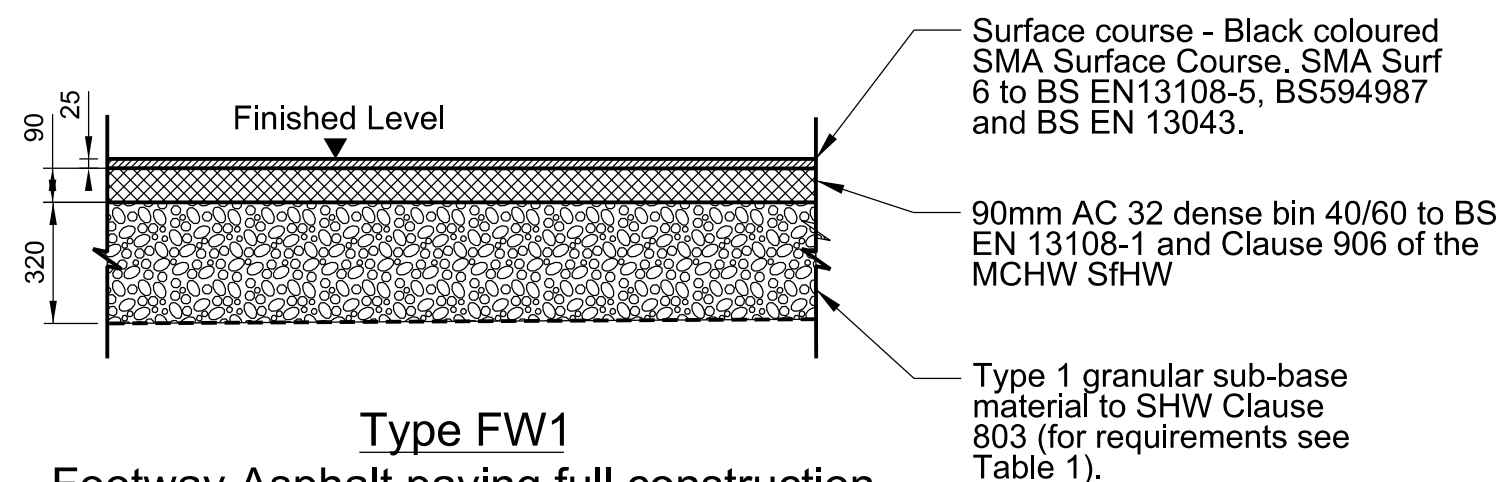
Binder course - AC 20 dense bin 100/150 to BS594987 and BS EN 13108-1

For tie in stepping in detail refer to drawing: A61-ARUP-XX-XX-DR-CH-142



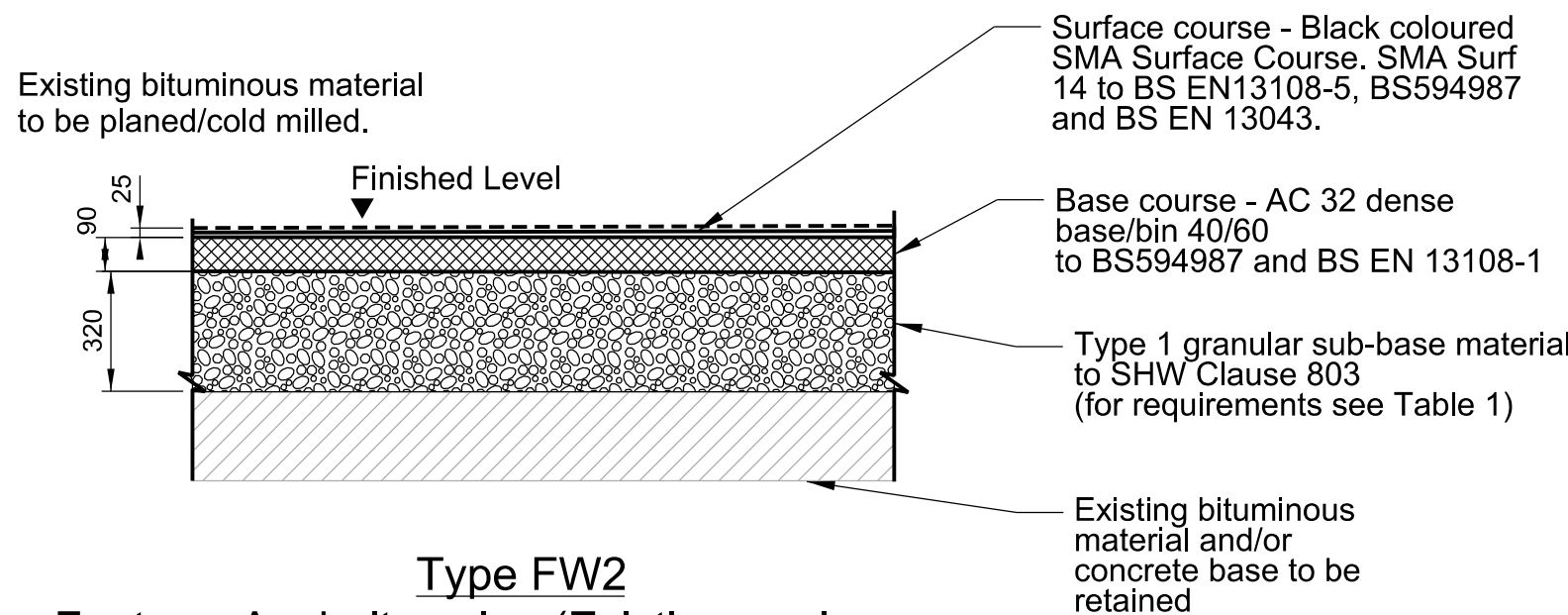
Type FW7
Footway Tactile Paving (Corduroy)

(Designed in accordance with CD239 - Light Vehicle Footways)



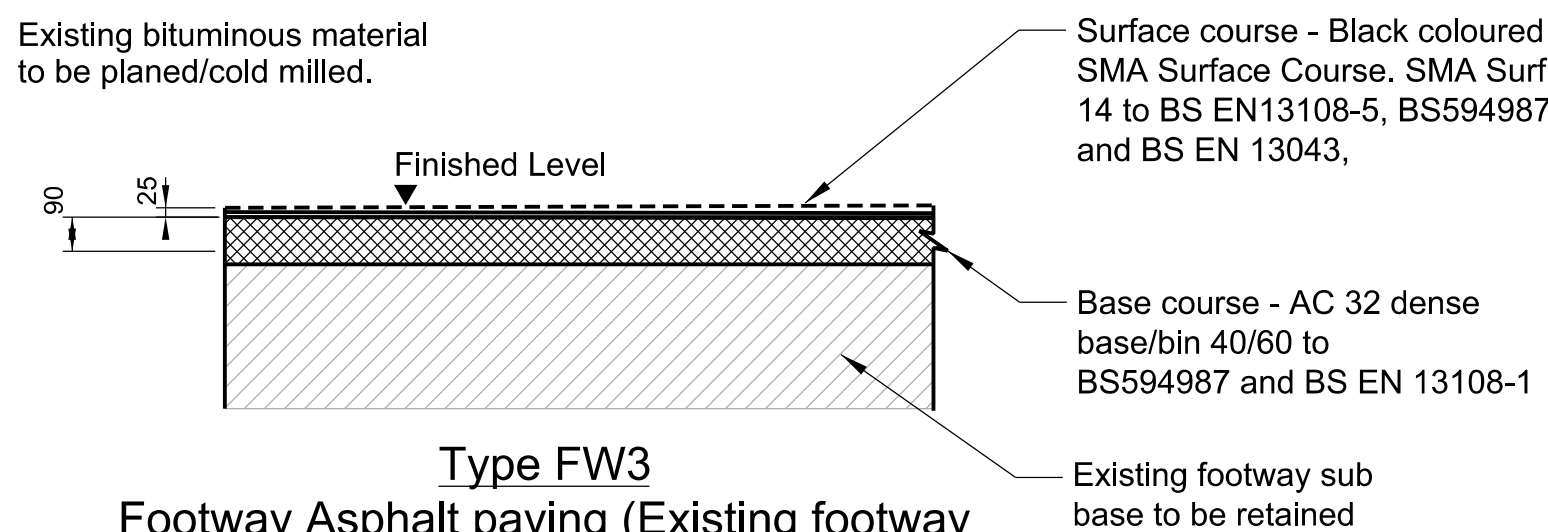
Type FW1
Footway Asphalt paving full construction

(Designed in accordance with CD239 - Heavy-vehicle footways)



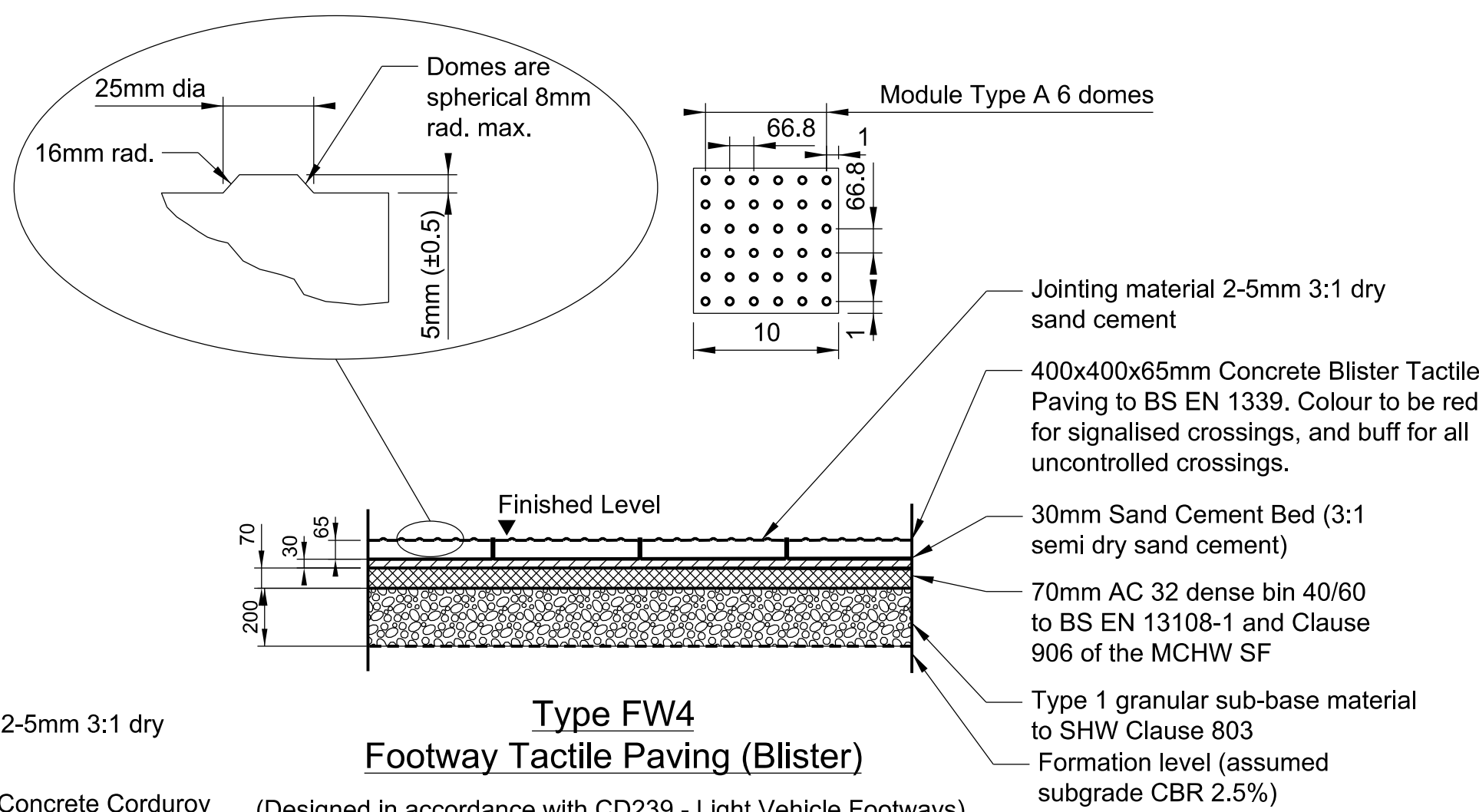
Type FW2
Footway Asphalt paving (Existing carriageway planed, regulated and resurfaced)

(Designed in accordance with CD239 - Heavy-vehicle footways)



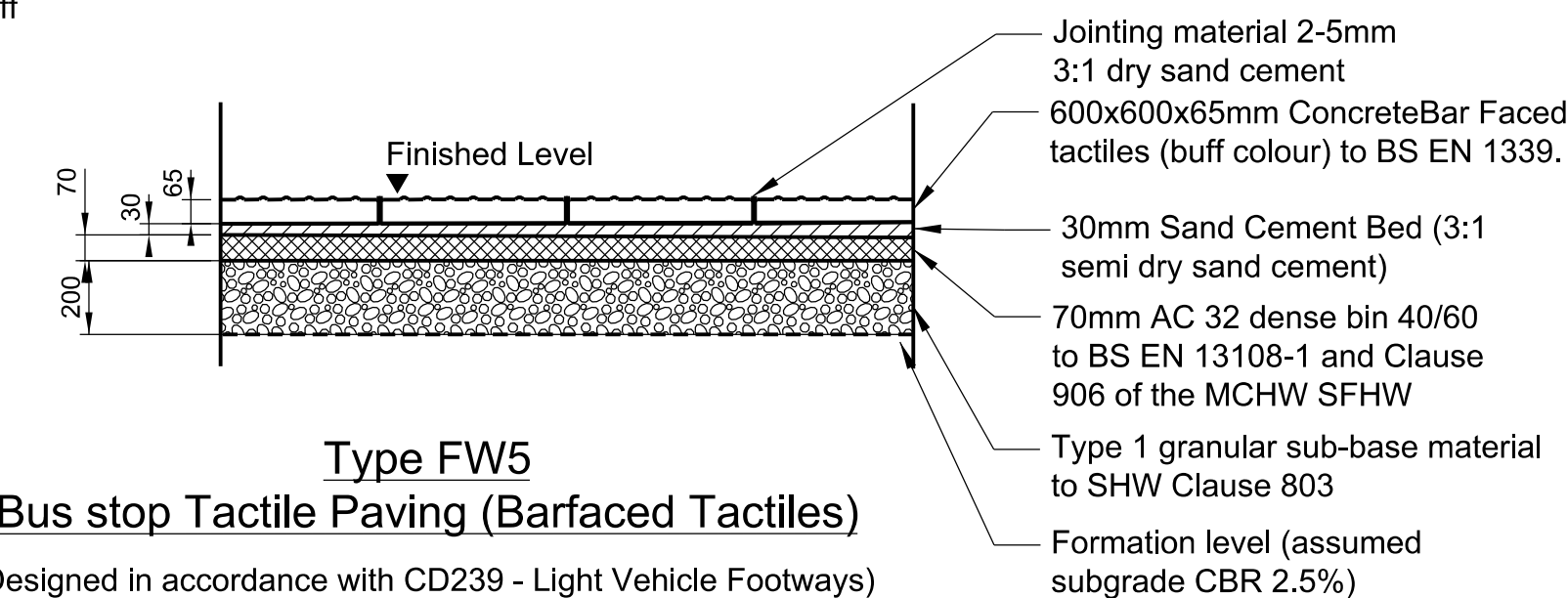
Type FW3
Footway Asphalt paving (Existing footway planed, regulated and resurfaced)

(Designed in accordance with CD239 - Heavy-vehicle footways)



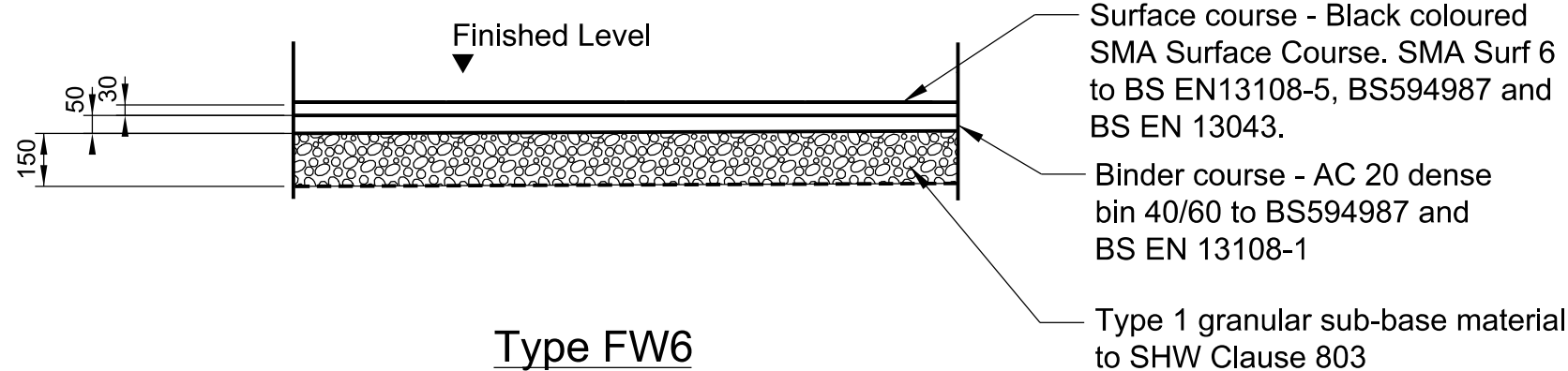
Type FW4
Footway Tactile Paving (Blister)

(Designed in accordance with CD239 - Light Vehicle Footways)



Type FW5
Bus stop Tactile Paving (Barfaced Tactiles)

(Designed in accordance with CD239 - Light Vehicle Footways)



Type FW6
Asda ramp/footway access and TPT footway paving full construction

(Designed in accordance with CD239 - Light Vehicle Footways)

Notes:

- To be read in conjunction with drawing A61-ARUP-XX-XX-DR-CH-112.

P02	29/03/22	HG	HJ	CW
Updated to reflect RSA and Planning comments				
P01	08/10/21	KK	HJ	CW
Stage 4 Issue				
Rev	Date	By	Chkd	Appd

ARUP

Admiral House, Rose Wharf,
78 East Street, Leeds, LS9 8EE
Tel +44(0)113 242 8498 Fax +44(0)113 242 8573
www.arup.com

Client

South Yorkshire Passenger
Transport Executive

Project Title

A61 Corridor

Drawing Title

Pavement Construction
Build-ups

Scale at A1

1:20

Role

Civil - General

Suitability

-

Arup Job No

253511-00

Rev

P02

Name

A61-ARUP-XX-XX-DR-CH-113