



SURFACE COURSE: 25mm THICKNESS OF 6mm DENSE ASPHALT CONCRETE SURFACE COURSE CONFORMING TO BS EN 13108-1 AND CLAUSE 909 OF THE SPECIFICATIONS FOR HIGHWAY WORKS, AMENDED NOVEMBER 2008 WITH A MINIMUM AGGREGATE PSV VALUE OF 65 AND A MAXIMUM AAV OF 14. (AC6 DENSE SURF 100/50 - PSV 65, AAV 14). NOTE LIMESTONE AGGREGATE WILL NOT BE PERMITTED IN ANY SURFACE COURSE.

BINDER COURSE: 60mm THICKNESS OF 20mm DENSE BASE AND BINDER COURSE ASPHALT CONCRETE (RECIPE MIXTURES) CONFORMING TO BS EN 13108-1 AND CLAUSE 906 OF THE SPECIFICATIONS FOR HIGHWAY WORKS, AMENDED NOVEMBER 2008 WITH A MINIMUM AGGREGATE PSV VALUE OF 65 AND A MAXIMUM AAV OF 14. (AC20 DENSE BIN 160/220 REC - PSV 65, AAV 14).

SUB BASE: 150mm THICKNESS OF TYPE 1 UNBOUND GRANULAR MATERIAL CONFORMING TO BS EN 13285 : 2003 AND CLAUSE 803 OF THE SPECIFICATIONS FOR HIGHWAY WORKS, AMENDED NOVEMBER 2007 AN TRANSPORTED, LAID, COMPACTED AND TRAFFICKED IN ACCORDANCE CLAUSE 802 OF THE SPECIFICATIONS FOR HIGHWAY WORKS, AMENDED NOVEMBER 2004.

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- NOTES**
- DO NOT SCALE FROM THIS DRAWING. USE FIGURE DIMENSIONS ONLY.
 - ALL DIMENSIONS ARE IN METRES, UNLESS STATED OTHERWISE.

KEY

- PROPOSED GROUND
- EXISTING GROUND

Rev	Date	Description	Prod	Chk	Rev	App
P01	11/11/24	FIRST ISSUE	GJ	SD	MG	MG

VALE OF GLAMORGAN
BRO MORGANWIG

Project: **Biglis to Dinas Powys ATR**

Site: Biglis to Dinas Powys Cardiff
Client: Vale of Glamorgan Council Civic Offices, Holton Rd, Barry CF83 4RU www.valeofglamorgan.gov.uk

ARCADIS

Registered office: 80 Fenchurch Street, London EC3M 4BY
Coordinating office: Arcadis Suite 4d, 4th Floor, Hodge House, 144-166 St Mary St, Cardiff CF10 1DY Tel: 44 (0)29 2092 6700

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TYPICAL CROSS SECTIONS

Designed: G.Jones	Signed: Digitally Signed	Date: 10/01/24
Produced: G.Jones	Signed: Digitally Signed	Date: 08/11/24
Checked: S.Davies	Signed: Digitally Signed	Date: 08/11/24
Reviewed: M.Griffiths	Signed: Digitally Signed	Date: 11/11/24
Approved: M.Griffiths	Signed: Digitally Signed	Date: 11/11/24

Design Stage: Preliminary Design

Original Size: A1 Grid: OS Datum: AOD

Suitability Code: S1 Scale: 1:500 Project Number: 10058585

Suitability Description: Suitable for Coordination

Drawing Number: 10058585 - ARC - XX - 072 - DR - C - 00001
Revision: P01