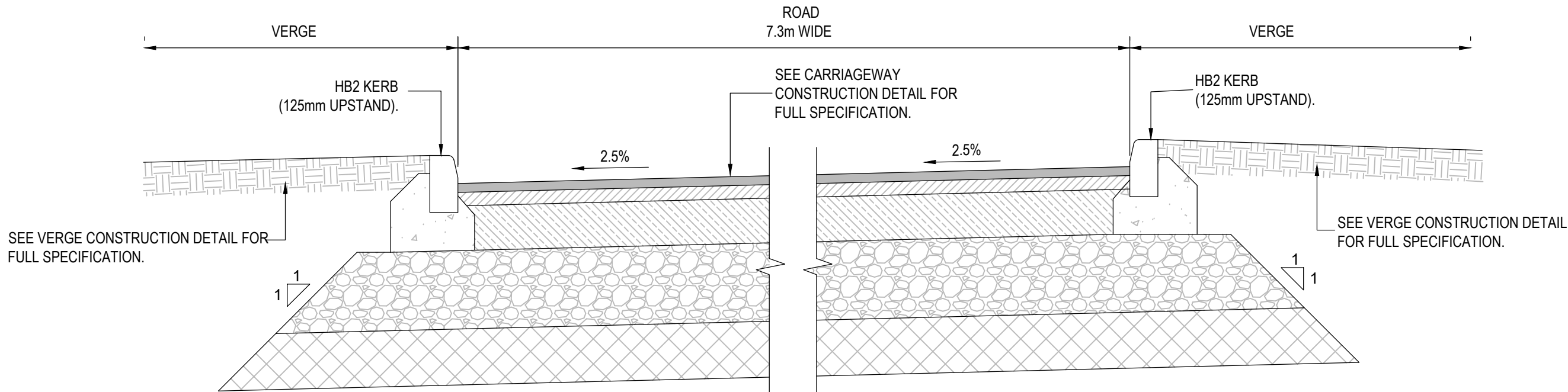
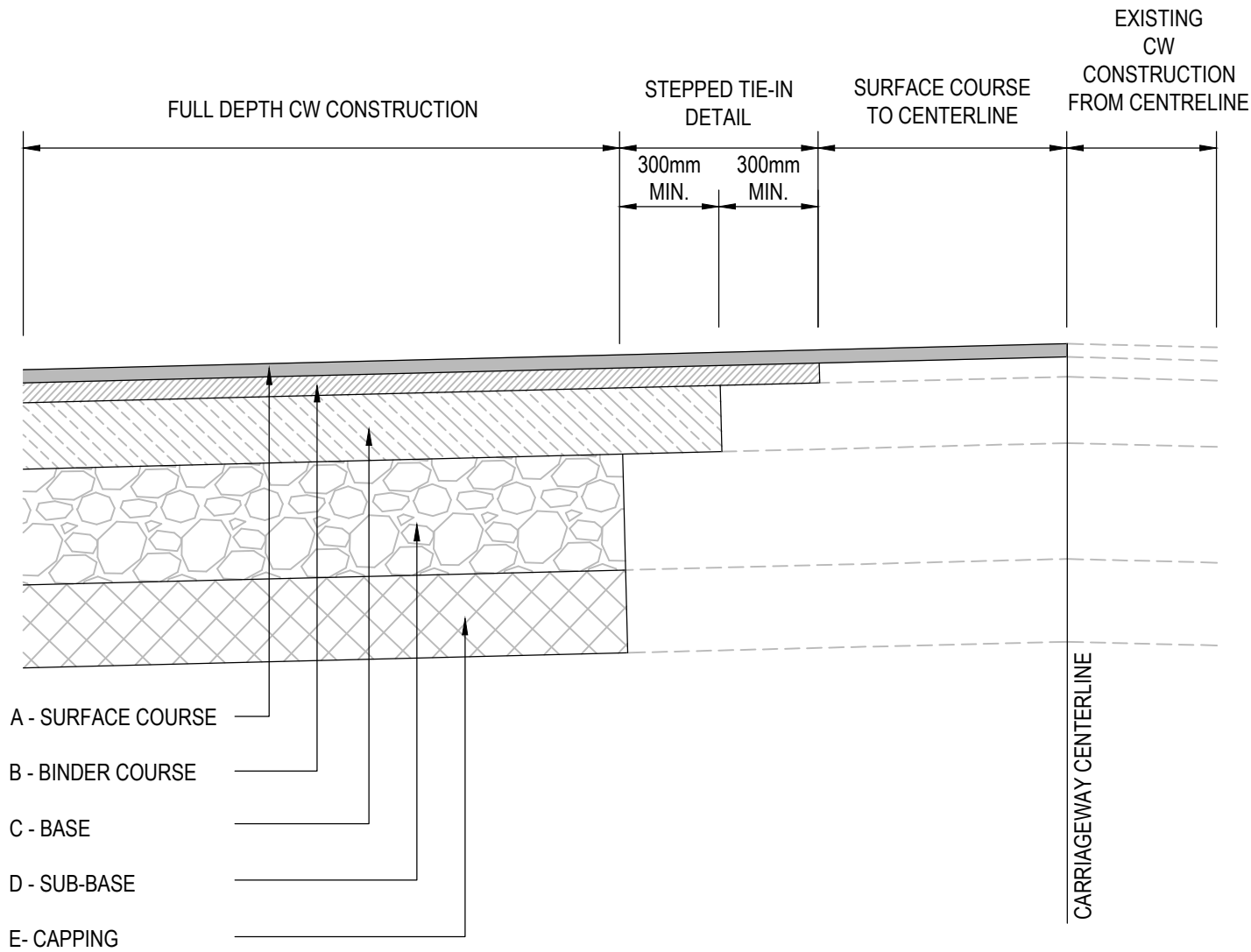


Filename: U:\333800456\01_WIP\DR_Drawing\38342-HYD-XX-XX-DR-D-0170&0175_S278 Pavement Layout.dwg



TYPICAL ACCESS ROAD
CROSS SECTION
NTS



TIE-IN DETAIL WITH EXISTING ROAD
SCALE 1:20

TYPICAL CARRIAGEWAY CONSTRUCTION		
LAYER	SPECIFICATION	
SURFACE COURSE	SMA 10 SURF PMB 75/130-75 WITH A MINIMUM BINDER CONTENT OF 6.5%, MINIMUM 65 PSV Max AAV 14.	40mm
BINDER COURSE	AC 20 HDM BIN 40/60 DES TO MCHW SHW CLAUSE 929 - BSI PD 6691 ANNEX B	60mm
BASE COURSE	AC 32 HDM BASE 40/60 DES TO MCHW SHW CLAUSE 929 - BSI PD 6691 ANNEX B	220mm
SUB-BASE COURSE	TYPE 1 GRANULAR SUB BASE TO COMPLY WITH SHW CLAUSE 803. (BASED ON 2.5% DESIGN CBR FROM TABLE 1 WITH GROUND STABILISATION) MUST BE FREE FROM EXTRANEOUS MATTER. WEED MUST BE REMOVED AND SUBGRADE BE SPRAYED WITH SYSTEMIC WEEDKILLER.	*350mm
CAPPING COURSE	6F2 / 6F5 CAPPING MATERIAL TO MCHW1 CLAUSE 613.	*250mm

DRAWING TO BE READ IN CONJUNCTION WITH WILTSHIRE COUNCIL DRAWING AND SPECIFICATION WC-SHCD-0700-D001 REV C02

- *CBR FOUNDATION TABLE TAKEN FROM WILTSHIRE COUNCIL GUIDANCE.
- *FIGURES USED IN TABLE HAVE BEEN BASED CD225 DESIGN FOR NEW PAVEMENT FOUNDATION).
- THE CBR TABLE BELOW IS BASED ON CLASS 2 RESTRICTED FOUNDATION DESIGN. CLASS 2 FOUNDATION CAN ONLY BE USED WHERE THE DESIGN TRAFFIC DOES NOT EXCEED 80msa.
 - ALL SUBBASE IS TO BE TYPE 1 IN COMPLIANCE WITH MCHW1 803
 - ALL CAPPING IS TO BE 6F2 OR 6F5 IN COMPLIANCE WITH MCHW1 613
 - GRADING CERTIFICATES FOR ALL GRANULAR FILL ARE TO BE PROVIDED FOR EVERY 500 TONNES.
 - FOUNDATIONS ON COHESIVE SOILS ARE TO USE SUBBASE ON CAPPING FOUNDATION TYPE.

- *FOUNDATION NOTES:
- THE FOUNDATION DESIGN IS TO BE USED AT CONSTRUCTION IF INSITU CBR RESULTS ARE OF THE SAME VALUE OF GREATER THAN THE DESIGN CBR. IF THE INSITU CBR RESULTS ARE LESS THAN THIS VALUE THEN THE PAVEMENT FOUNDATION WILL BE INCREASED AS PER TABLE 1.
 - CBR TESTING IS REQUIRED AT 30M CENTRES. THE LOWEST CBR RESULT IS TO BE USED TO DETERMINE THE NEEDED FOUNDATION. FOUNDATION REQUIREMENTS ARE TO BE APPROVED BY OCC ENGINEER BEFORE THE FOUNDATION IS CONSTRUCTED, THIS WILL REQUIRE THE INSITU CBR RESULTS TO BE PROVIDED.
 - GRADING CERTIFICATES FOR ALL GRANULAR FILL ARE TO BE PROVIDED FOR EVERY 500 TONNES OF MATERIAL.
 - FOUNDATIONS ON COHESIVE SOILS ARE TO BE SUB BASE ON CAPPING FOUNDATION TYPE.
 - GROUND STABILISATION
CBR RESULTS OF 2.5% OR LESS WILL REQUIRE GROUND STABILISATION. THE METHOD OF GROUND STABILISATION AND DESIGN IS TO BE APPROVED BY WC'S SCHEME ENGINEER PRIOR TO IMPLEMENTAION.

IMPLEMENTATION WITHOUT WC'S ENGINEER APPROVAL COULD RESULT IN THE ROAD BECOMING UNADOPTABLE OR REMEDIATION WORKS AT THE CONTRACTORS OR DEVELOPER'S EXPENSE IF THE GROUND STABILISATION METHOD OR DESIGN IS NOT ACCEPTED BY WC'S ENGINEER.

DO NOT SCALE

REVISIONS

PO2	TIE-IN DETAIL UPDATED	19/06/25	WG	RJP RJP
PO1	FIRST ISSUE	06/06/25	RJP	SW RJP
Rev.	Revision Notes	Date	Drawn By	Checked Approved


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CLIENT



PROJECT

BLACKBURR FARM QUARRY

TITLE

SECTION S278 AGREEMENT
MAIN SITE ACCESS JUNCTION
CONSTRUCTION DETAILS

STANTEC PROJECT NO. 333800456	SCALE @ A2 1:250	STATUS S4
STATUS DESCRIPTION SUITABLE FOR STAGE APPROVAL		REVISION P02
DRAWING NO. 38342-HYD-XX-XX-DR-D-0175		