

ROADS

ASPHALT / BITUMEN MACADAM

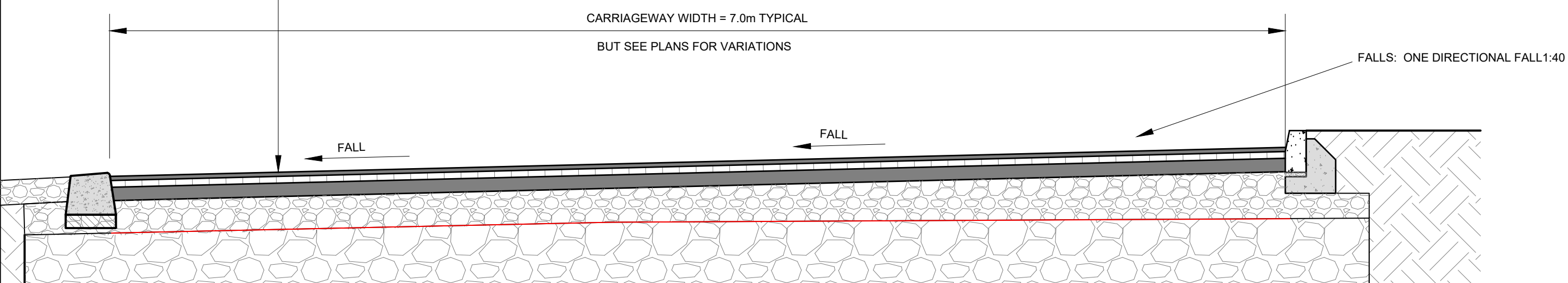
BLACK MACADAM

BUFF MACADAM

RED MACADAM

A1.1 ROAD ADJACENT TO SWALE

45mm min. THICK OF BLACK SMA 10 SURF PMB 65/105-60 TO IS EN 13108-5 & CC-SPW-00900 ON
95mm min. THICK OF AC20 HDM BIN 40/60 TO IS EN 13108-1 & CC-SPW-00900 ON
150mm min. THICK OF UNBOUND GRANULAR SUB-BASE TYPE B UBOM B6 TO CC-SPW-00900 ON
400mm min. THICK OF CLASS 6F1/6F2 CAPPING MATERIAL TO CLAUSE 613 OF CC-SPW-00900 [SUBJECT TO CBR RESULTS]
ON PERMEABLE GEOTEXTILE (TERRAM 1000 OR SIMILAR APPROVED) AS REQUIRED

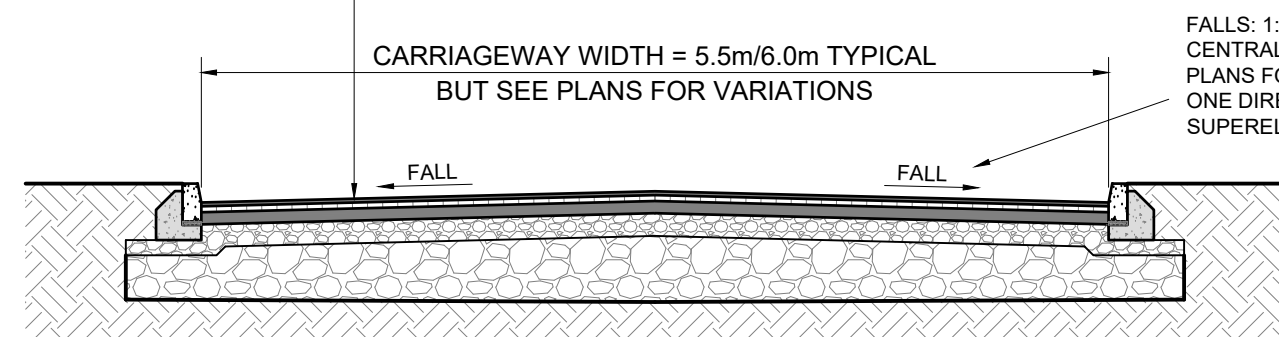


TYPICAL CROSS SECTION

SCALE @ A0: 1:20
SCALE @ A2: 1:50

A1.2 LOCAL STREET

40mm min. THICK OF BLACK SMA 10 SURF PMB 65/105-60 TO IS EN 13108-5 & CC-SPW-00900 ON
100mm min. THICK OF AC20 HDM BIN 40/60 TO IS EN 13108-1 & CC-SPW-00900 ON
150mm min. THICK OF UNBOUND GRANULAR SUB-BASE TYPE B UBOM B6 TO CC-SPW-00900 ON
70mm min. THICK OF CLASS 6F1/6F2 CAPPING MATERIAL TO CLAUSE 613 OF CC-SPW-00900
[SUBJECT TO CBR RESULTS]



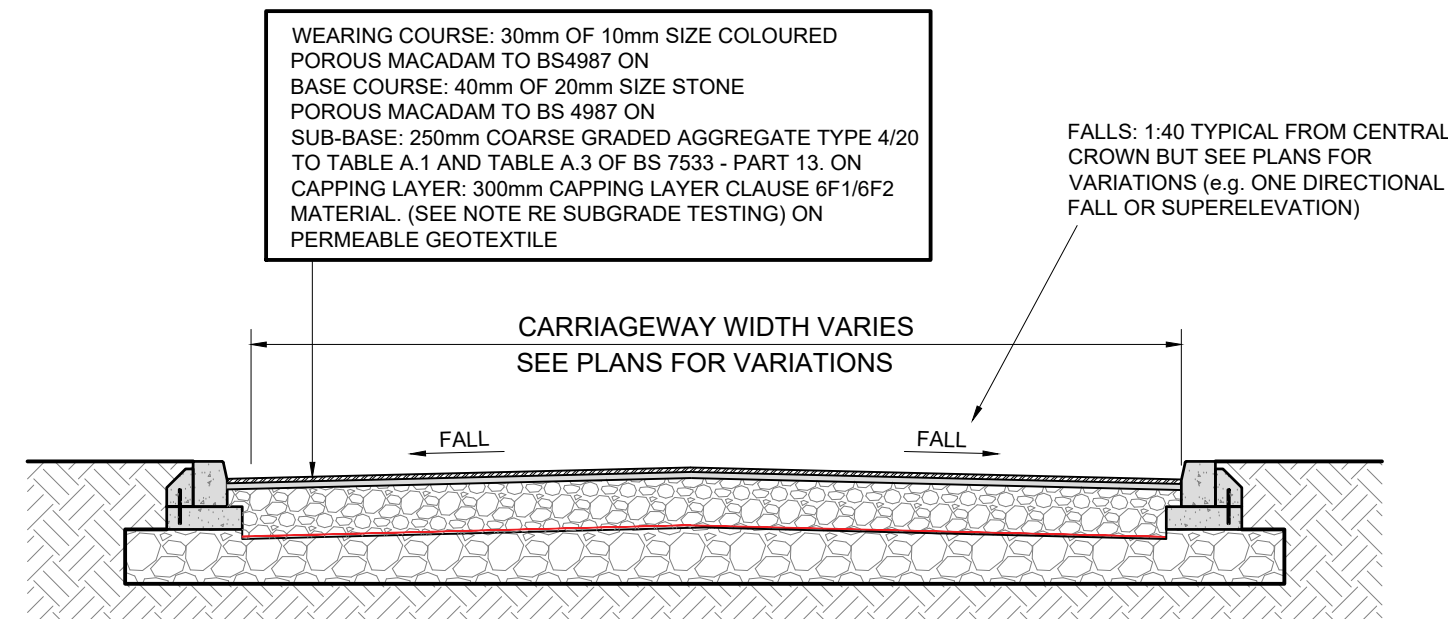
TYPICAL CROSS SECTION

SCALE @ A0: 1:50
SCALE @ A2: 1:100

* FOR ROADS TO BE TAKEN IN CHARGE BY DUBLIN CITY COUNCIL
THE SURFACING (i.e. WEARING COURSE AND BASECOURSE) SHOULD BE REPLACED BY ONE COURSE OF 50mm MIN. THICK OF HOT ROLLED ASPHALT TO BS 594 (20% COARSE AGGREGATE OF 20mm NOMINAL SIZE)

POROUS ASPHALT

A4.1 HOME ZONE - COLOURED ASPHALT



TYPICAL CROSS SECTION

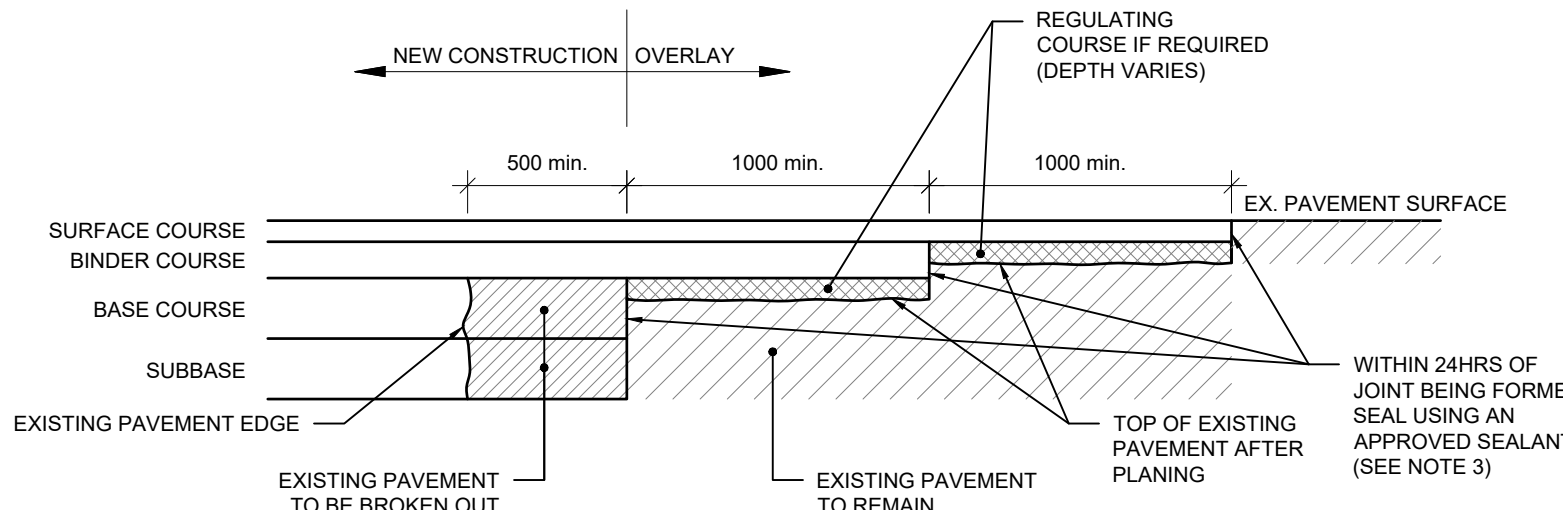
SCALE @ A0: 1:50
SCALE @ A2: 1:100

ROAD TIE DETAILS - NEW TO EXISTING

RT.1 TRANSVERSE JOINT

NOTES ON TRANSVERSE JOINTS:

- EDGE OF EXISTING CARRIAGEWAY TO BE CUT BACK BY 0.5m WITH A ROTARY SAW TO FORM A VERTICAL FACE
- WHERE THE BASE COURSE IS TO BE LAID IN TWO LAYERS THE UPPER LAYER OF BASE COURSE SHOULD BE STEPPED INTO THE EXISTING PAVEMENT BY 10mm min. WITH BINDER COURSE AND SURFACE COURSE TO BE EACH STEPPED IN A FURTHER 10mm MIN RESPECTIVELY
- WITHIN 24HRS OF A JOINT BEING FORMED AN APPROPRIATE SEALANT COMPLIANT WITH CLAUSE 10.1.8 OF TII DOCUMENT CC-SPW-00900 SHALL BE APPLIED
- A BOND COAT SHALL BE SPRAYED ONTO ALL EXISTING PAVEMENT SURFACES, AND BETWEEN NEW COURSES OF BITUMINOUS MATERIAL PRIOR TO LAYING OVERLYING COURSES, IN ACCORDANCE WITH CLAUSE 11.1.4 OF TII DOCUMENT CC-SPW-00900
- BEFORE SPRAYING IS COMMENCED, SURFACES SHALL BE FREE OF STANDING WATER, AND FREE OF ALL LOOSE MATERIAL.



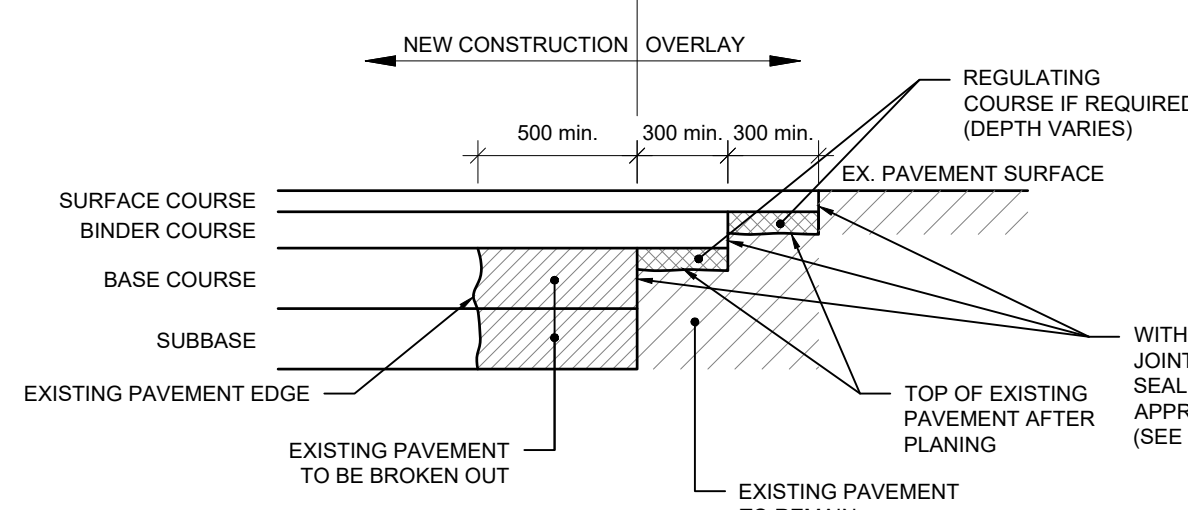
TYPICAL DETAIL

SCALE @ A0: 1:20
SCALE @ A2: 1:50

RT.2 LONGITUDINAL JOINT

NOTES ON LONGITUDINAL JOINTS:

- EDGE OF EXISTING CARRIAGEWAY TO BE CUT BACK BY 0.5m WITH A ROTARY SAW TO FORM A VERTICAL FACE
- WHERE THE BASE COURSE IS TO BE LAID IN TWO LAYERS THE UPPER LAYER OF BASE COURSE SHOULD BE STEPPED INTO THE EXISTING PAVEMENT BY 0.3m min. WITH BINDER COURSE AND SURFACE COURSE TO BE EACH STEPPED IN A FURTHER 0.3m min. RESPECTIVELY
- WITHIN 24HRS OF A JOINT BEING FORMED AN APPROPRIATE SEALANT COMPLIANT WITH CLAUSE 10.1.8 OF TII DOCUMENT CC-SPW-00900 SHALL BE APPLIED
- A BOND COAT SHALL BE SPRAYED ONTO ALL EXISTING PAVEMENT SURFACES, AND BETWEEN NEW COURSES OF BITUMINOUS MATERIAL PRIOR TO LAYING OVERLYING COURSES, IN ACCORDANCE WITH CLAUSE 11.1.4 OF TII DOCUMENT CC-SPW-00900
- BEFORE SPRAYING IS COMMENCED, SURFACES SHALL BE FREE OF STANDING WATER, AND FREE OF ALL LOOSE MATERIAL.



TYPICAL DETAIL

SCALE @ A0: 1:25
SCALE @ A2: 1:50

NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL ENGINEERS & ARCHITECTS DRAWINGS FIGURED DIMENSIONS ONLY (NOT SCALING) TO BE USED, WHERE A CONFLICT OF INFORMATION EXISTS OR IF IN ANY DOUBT - ASK
- CONSULTANTS TO BE INFORMED IMMEDIATELY OF ANY DISCREPANCIES BEFORE WORK PROCEEDS.

REFER TO DRAWING REFERENCE
C-10000, CIVIL ENGINEERING
GENERAL NOTES FOR ROAD /
FOOTPATH NOTES FOR ALL NOTE
REFERRALS ON THIS DRAWING

PL2	16.05.25	ISSUED FOR PLANNING	MA
PL1	22.07.24	ISSUED FOR PLANNING	MA
ISSUE	DATE	DESCRIPTION	BY

Project Engineer: BO

Project Director: CK

BM STAGE

PLANNING

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CLIENT
GOLDEN PORT HOMES LIMITED

PROJECT TITLE FOREST LITTLE ROAD GOLDENPORT	BM PROJECT No. 24.183
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DRAWING TITLE ROADS STANDARD DETAILS - SHEET 1	SUITABILITY +	REVISION +
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DRAWING REFERENCE FR-BMCE-ZZ-ZZ-DR-C-12100	STATUS -	REVISION PL2
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