

ROADS

A1 ASPHALT / BITUMEN MACADAM

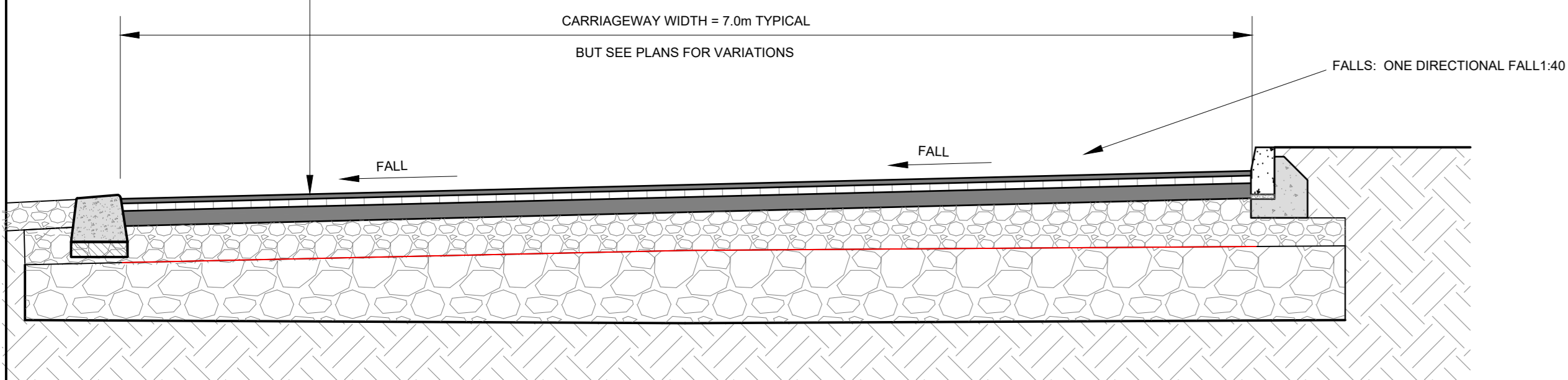
BLACK MACADAM BUFF MACADAM **RED MACADAM**

- NOTES**
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL ENGINEERS & ARCHITECTS DRAWINGS (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

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 40/90 TO IS EN 13108-1 & CC-SPW-00900 ON
 150mm min. THICK OF UNBOUND GRANULAR SUB-BASE TYPE B. URGM Bc TO CC-SPW-00800 ON
 400mm min. THICK OF CLASS 61/62 CAPPING MATERIAL TO CLAUSE 613 OF CC-SPW-00800 (SUBJECT TO CBR RESULTS) ON PERMEABLE GEOTEXTILE (TERRAM 1000 OR SIMILAR APPROVED) AS REQUIRED



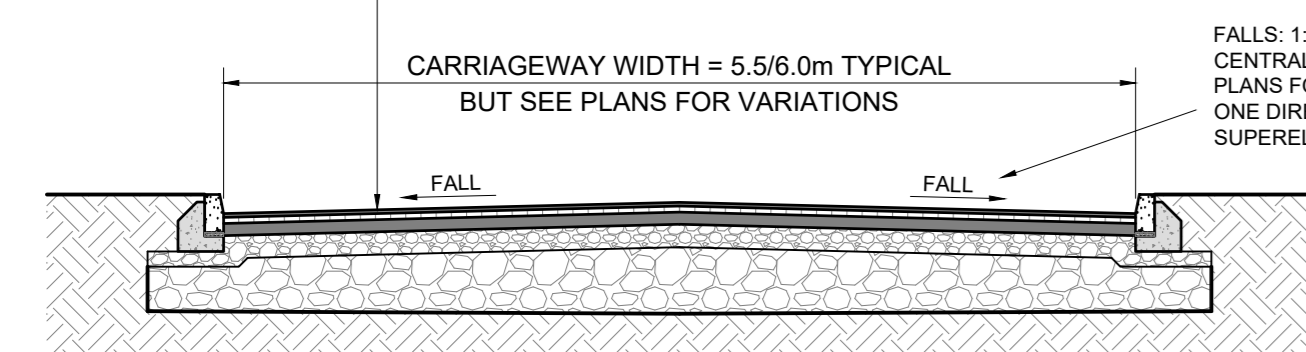
TYPICAL CROSS SECTION

SCALE @ A1: 1:25
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 40/90 TO IS EN 13108-1 & CC-SPW-00900 ON
 150mm min. THICK OF UNBOUND GRANULAR SUB-BASE TYPE B. URGM Bc TO CC-SPW-00800 ON
 70mm min. THICK OF CLASS 61/62 CAPPING MATERIAL TO CLAUSE 613 OF CC-SPW-00900 (SUBJECT TO CBR RESULTS)

THE SURFACING (i.e. WEARING COURSE AND BASE COURSE) SHOULD BE REPLACED BY ONE COURSE OF 50mm MIN. THICK OF HOT ROLLED ASPHALT TO BS 594 (20% COARSE AGGREGATE OF 20mm NOMINAL SIZE)



TYPICAL CROSS SECTION

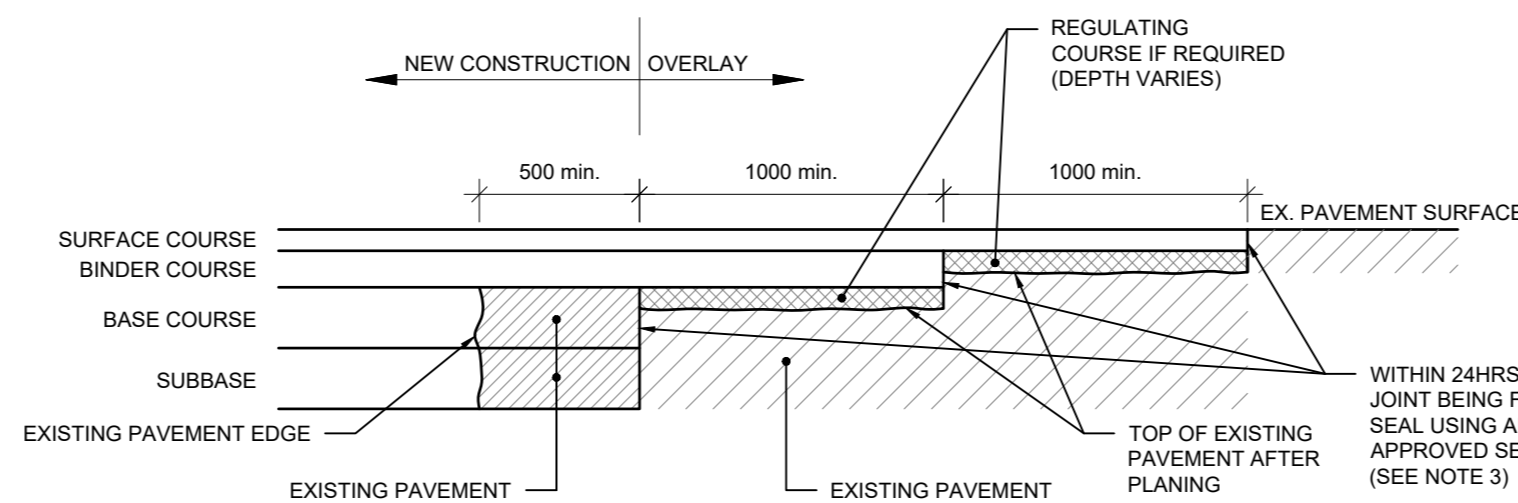
SCALE @ A1: 1:20
SCALE @ A2: 1:50

RT 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 1.0m MIN. WITH BINDER COURSE AND SURFACE COURSE TO BE EACH STEPPED IN A FURTHER 1.0m MIN. RESPECTIVELY
- WITHIN 24HRS OF A JOINT BEING FORMED AN APPROPRIATE SEALANT COMPLIANT WITH CLAUSE 10.1.8 OF TI 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 10.1.4 OF TI DOCUMENT CC-SPW-00900
- BEFORE SPRAYING IS COMMENCED, SURFACES SHALL BE FREE OF STANDING WATER, AND FREE OF ALL LOOSE MATERIAL.



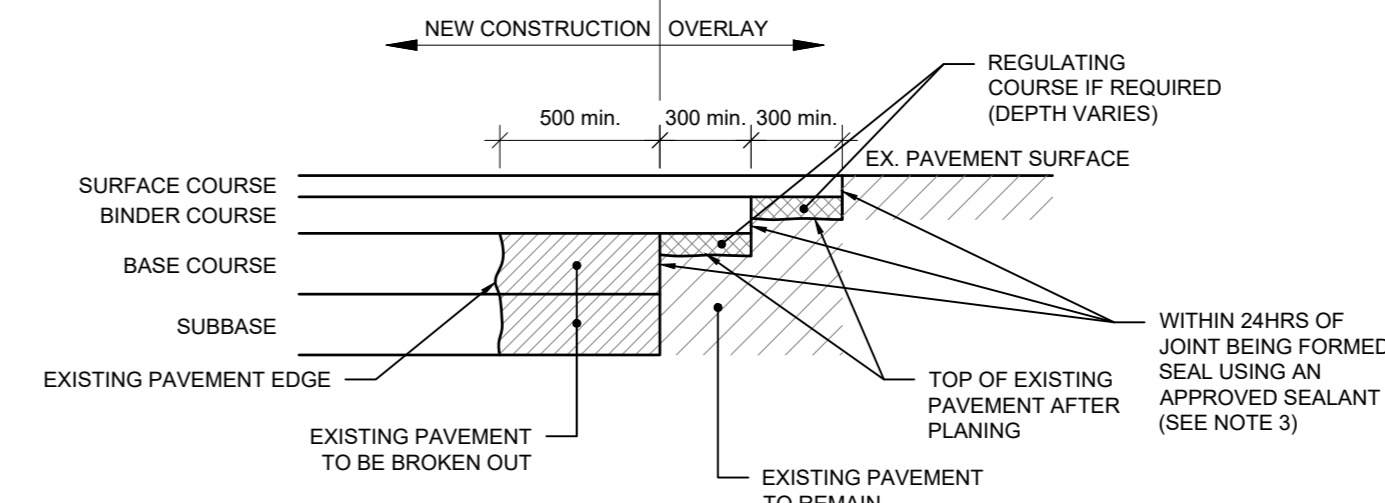
TYPICAL DETAIL

SCALE @ A1: 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 TI 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 10.1.4 OF TI DOCUMENT CC-SPW-00900
- BEFORE SPRAYING IS COMMENCED, SURFACES SHALL BE FREE OF STANDING WATER, AND FREE OF ALL LOOSE MATERIAL.



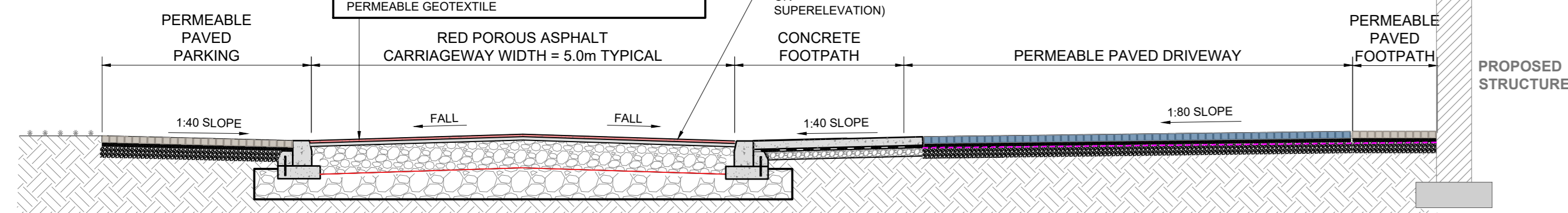
TYPICAL DETAIL

SCALE @ A1: 1:20
SCALE @ A2: 1:50

A4.1 HOME ZONE - RED POROUS ASPHALT

WEARING COURSE: 30mm OF 10mm SIZE COLOURED POROUS MACADAM TO BS4987 ON
 BASE COURSE: 40mm OF 20mm SIZE STONE POROUS MACADAM TO BS 4987 ON
 SUB-BASE: 250mm COARSE GRADED AGGREGATE TYPE 4/20 TO TABLE A.1 AND TABLE A.3 OF BS 7333 - PART 13 ON
 CAPPING LAYER: 300mm CAPPING LAYER CLAUSE 61/62 MATERIAL (SEE NOTE RE SUBGRADE TESTING) ON PERMEABLE GEOTEXTILE

FALLS: 1:40 TYPICAL FROM CENTRAL CROWN BUT SEE PLANS FOR VARIATIONS (e.g. ONE DIRECTIONAL FALL OR SUPERELEVATION)

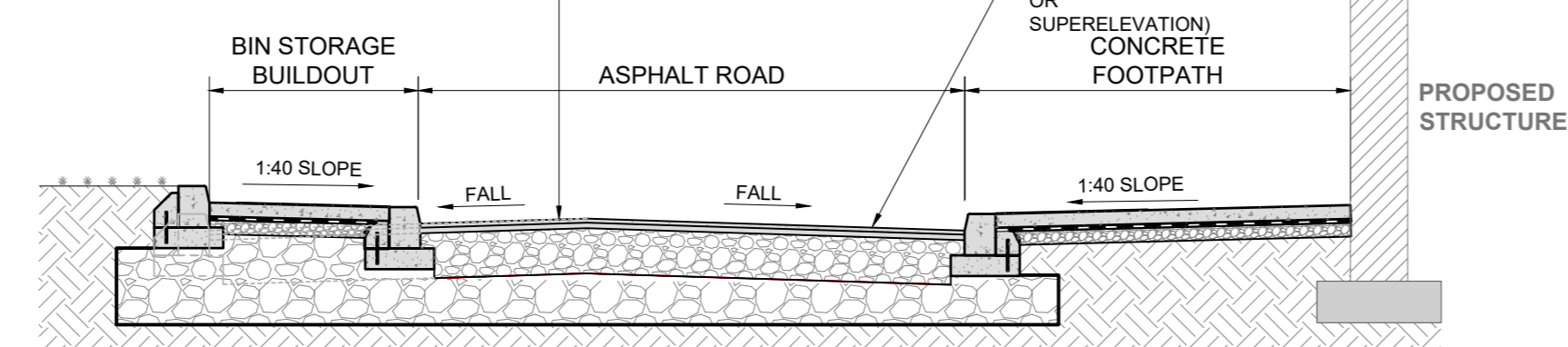


TYPICAL CROSS SECTION (HOMEZONES)

SCALE @ A1: 1:20
SCALE @ A2: 1:50

WEARING COURSE: 30mm OF 10mm SIZE COLOURED POROUS MACADAM TO BS4987 ON
 BASE COURSE: 40mm OF 20mm SIZE STONE POROUS MACADAM TO BS 4987 ON
 SUB-BASE: 250mm COARSE GRADED AGGREGATE TYPE 4/20 TO TABLE A.1 AND TABLE A.3 OF BS 7333 - PART 13 ON
 CAPPING LAYER: 300mm CAPPING LAYER CLAUSE 61/62 MATERIAL (SEE NOTE RE SUBGRADE TESTING) ON PERMEABLE GEOTEXTILE

FALLS: 1:40 TYPICAL FROM CENTRAL CROWN BUT SEE PLANS FOR VARIATIONS (e.g. ONE DIRECTIONAL FALL OR SUPERELEVATION)

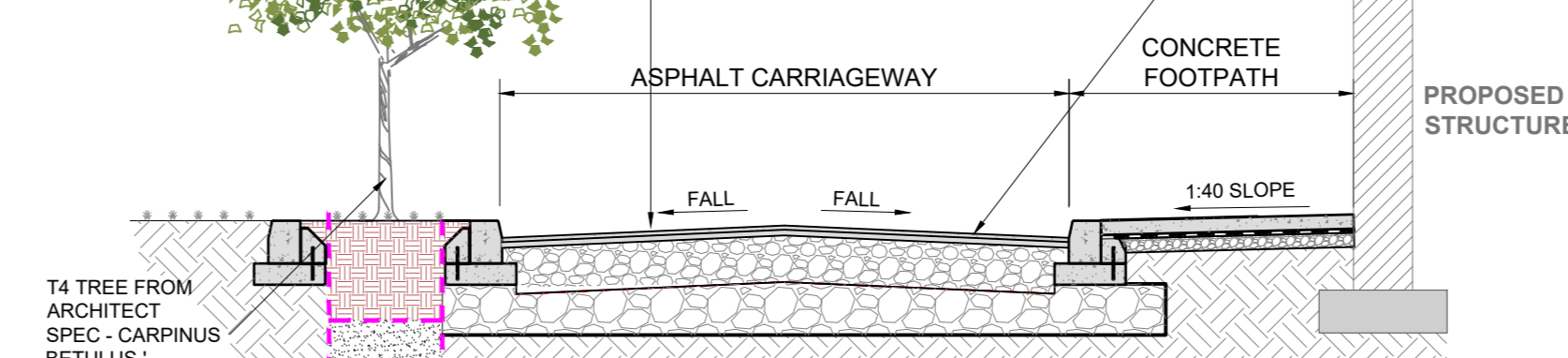


TYPICAL CROSS SECTION (BIN STAGING AREA)

SCALE @ A1: 1:20
SCALE @ A2: 1:50

WEARING COURSE: 30mm OF 10mm SIZE COLOURED POROUS MACADAM TO BS4987 ON
 BASE COURSE: 40mm OF 20mm SIZE STONE POROUS MACADAM TO BS 4987 ON
 SUB-BASE: 250mm COARSE GRADED AGGREGATE TYPE 4/20 TO TABLE A.1 AND TABLE A.3 OF BS 7333 - PART 13 ON
 CAPPING LAYER: 300mm CAPPING LAYER CLAUSE 61/62 MATERIAL (SEE NOTE RE SUBGRADE TESTING) ON PERMEABLE GEOTEXTILE

FALLS: 1:40 TYPICAL FROM CENTRAL CROWN BUT SEE PLANS FOR VARIATIONS (e.g. ONE DIRECTIONAL FALL OR SUPERELEVATION)



TYPICAL CROSS SECTION (TREE BUILD OUT AREA)

SCALE @ A1: 1:20
SCALE @ A2: 1:50

PL1	05.06.20	ISSUED FOR PLANNING	MA
ISSUE	DATE	DESCRIPTION	BY
Project Engineer: ABIGAIL HARRIS		Project Director: CIARAN KENNEDY	

PLANNING

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CLIENT: **GOLDEN PORT HOMES LIMITED**

PROJECT TITLE: **FOREST LITTLE ROAD GOLDENPORT** BM PROJECT No: **24.183**

REFERENCE	SUITABILITY	REVISION

DRAWING TITLE: **ROADS STANDARD DETAILS - SHEET 1**

DRAWING REFERENCE	STATUS	REVISION
FR-BMCE-ZZ-DR-C-14100		PL1