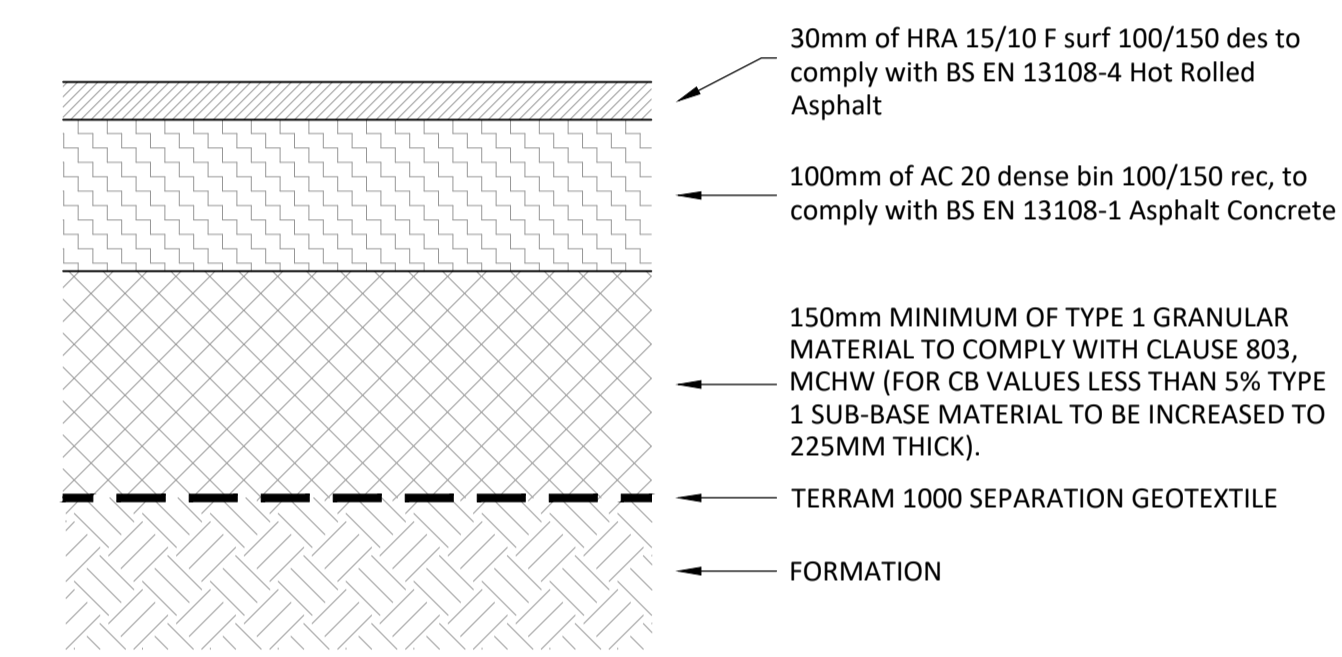
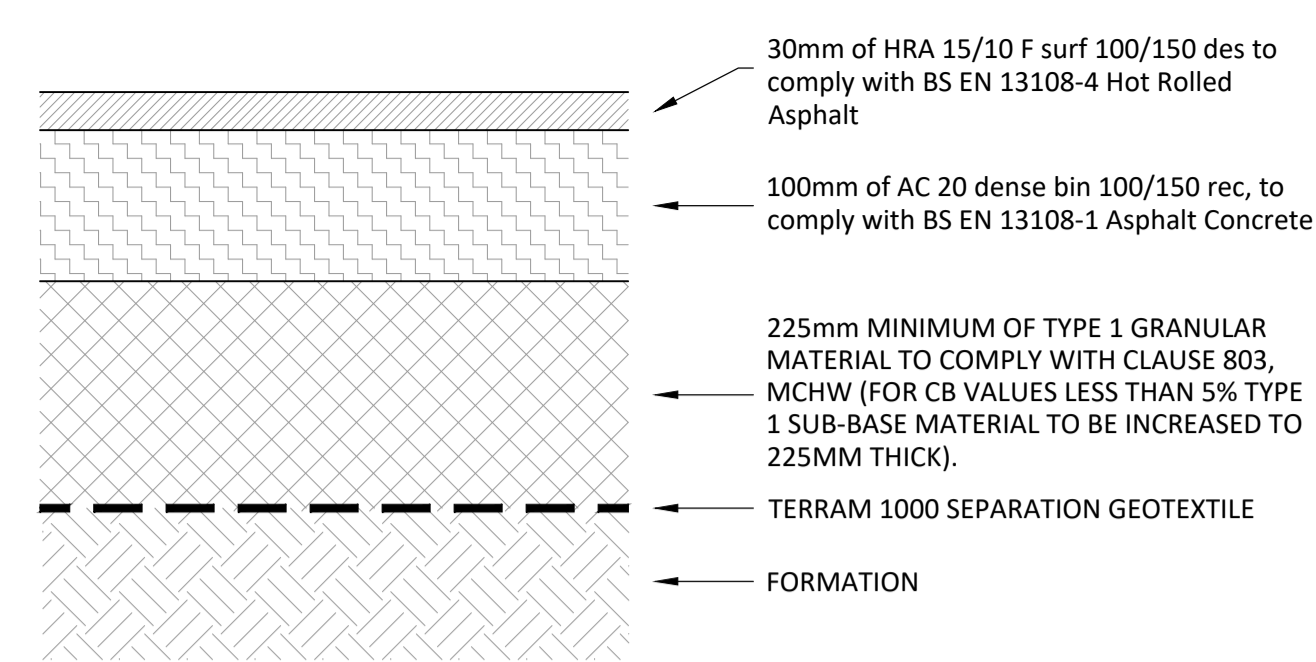


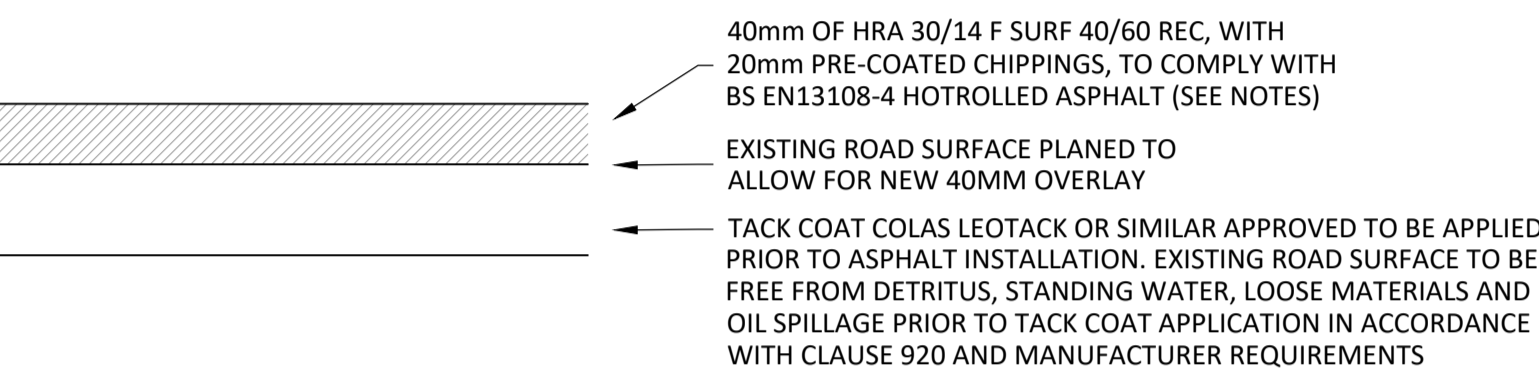
ADOPTABLE ROAD BUILD UP - ASPHALT ROAD WAY



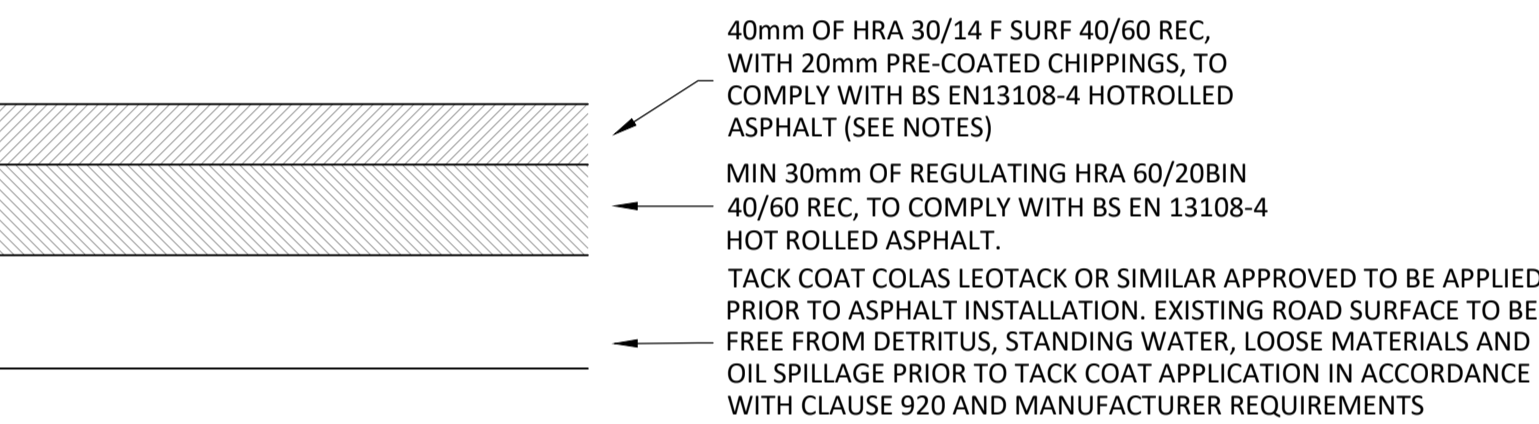
FOOTWAY AND CYCLEWAY BUILD UP



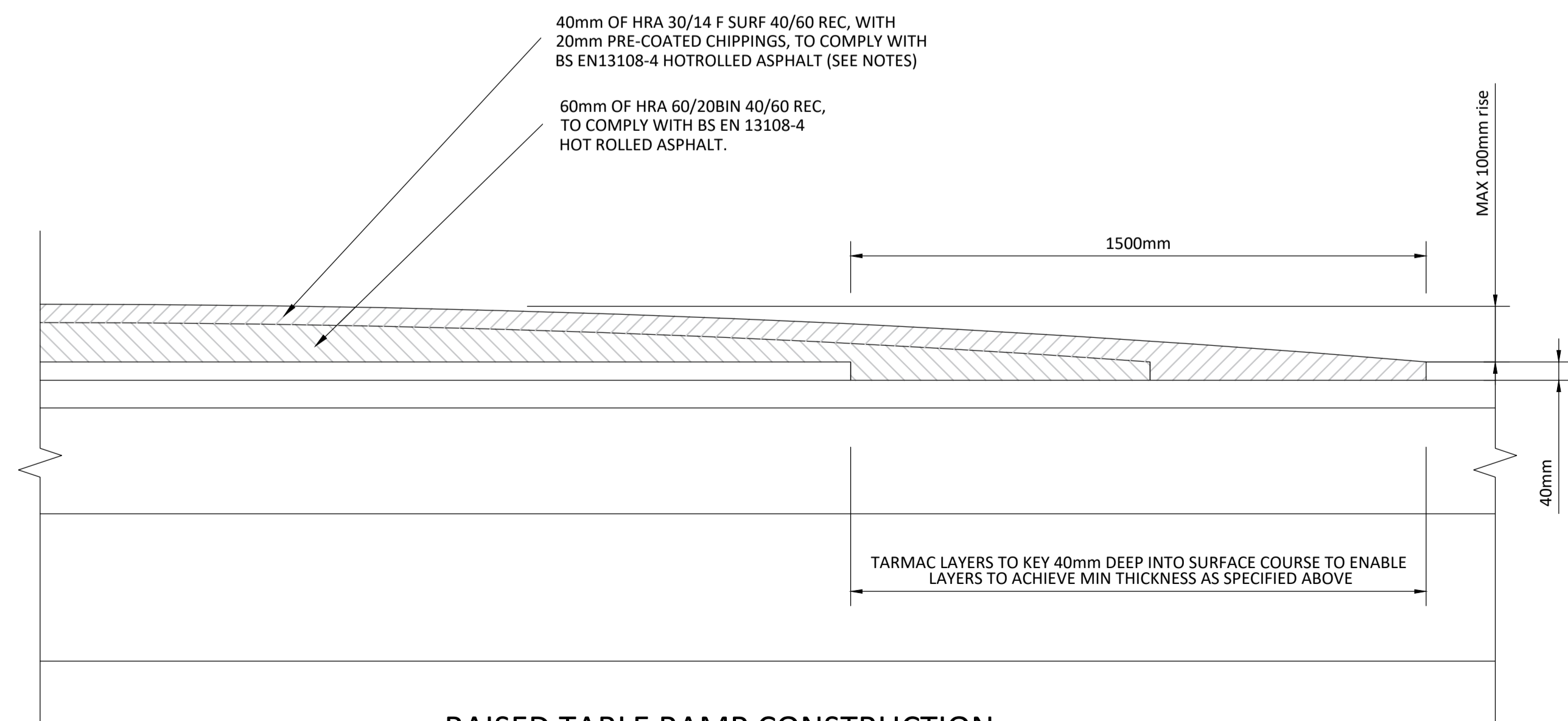
FOOTWAY AND CYCLEWAY SUBJECT TO VEHICLE OVERRUN BUILD UP



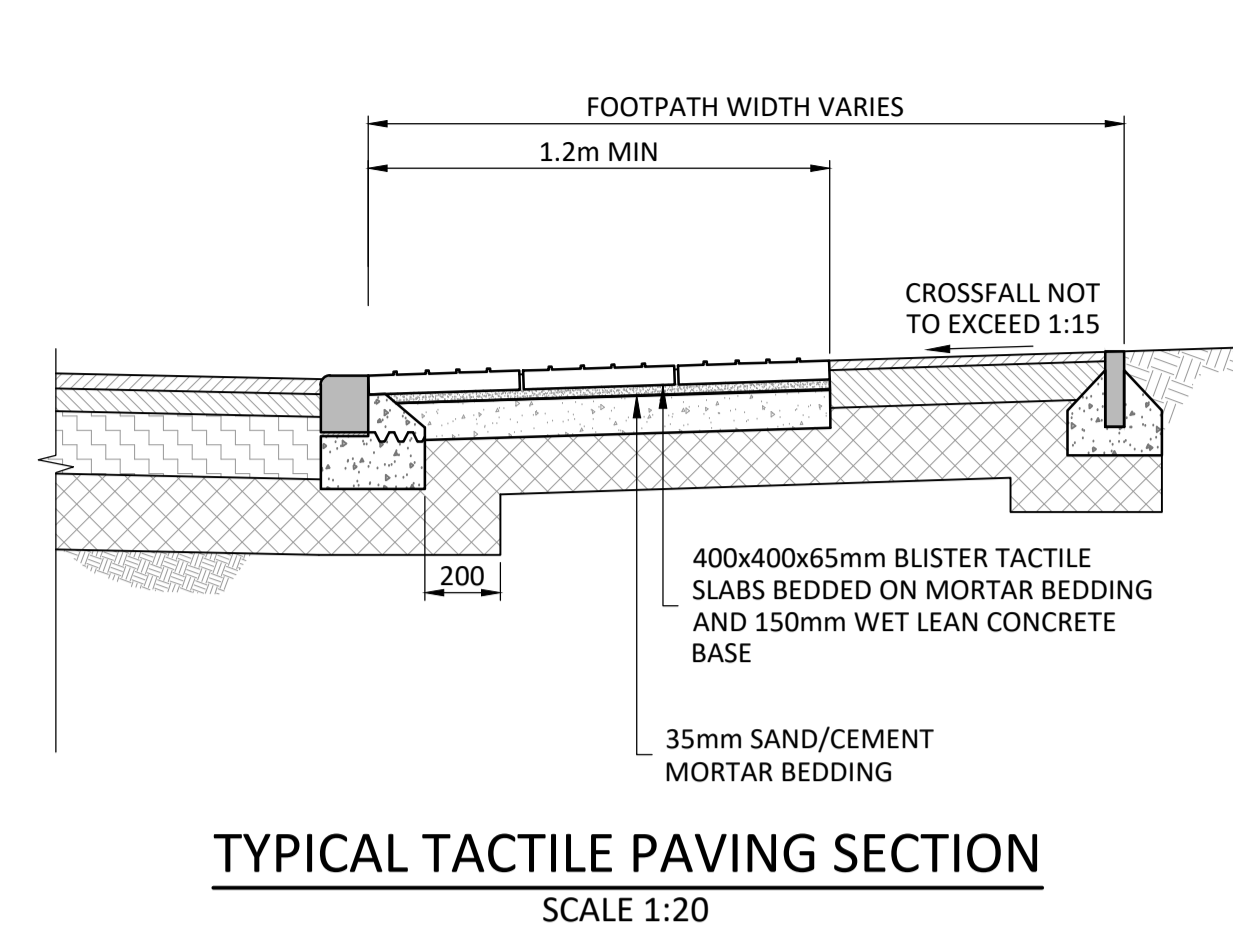
ADOPTABLE ROAD RESURFACING



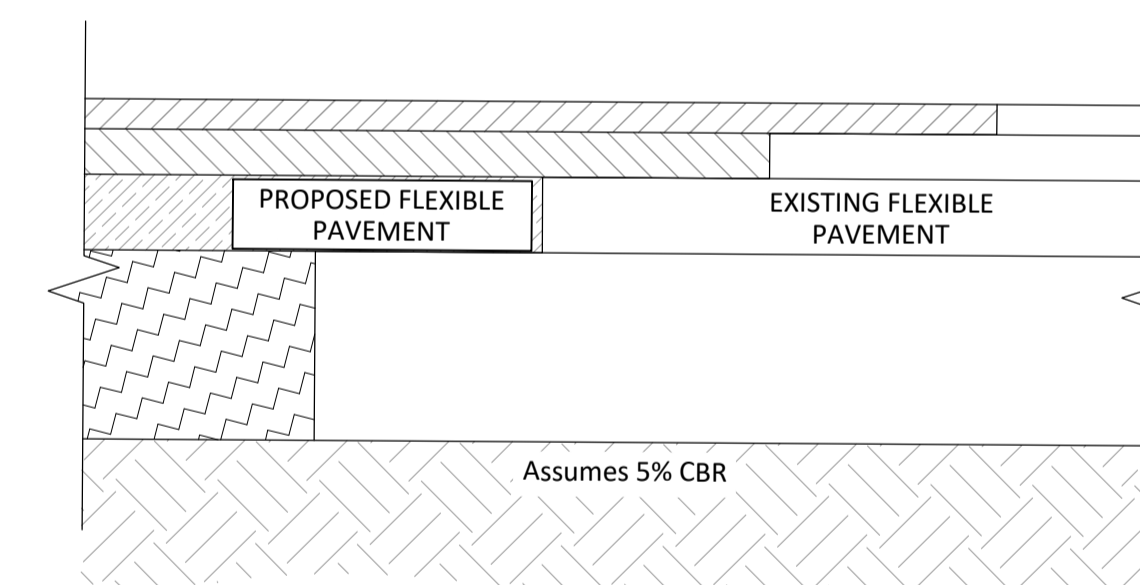
ADOPTABLE ROAD RESURFACING WITH BINDER REGULATING



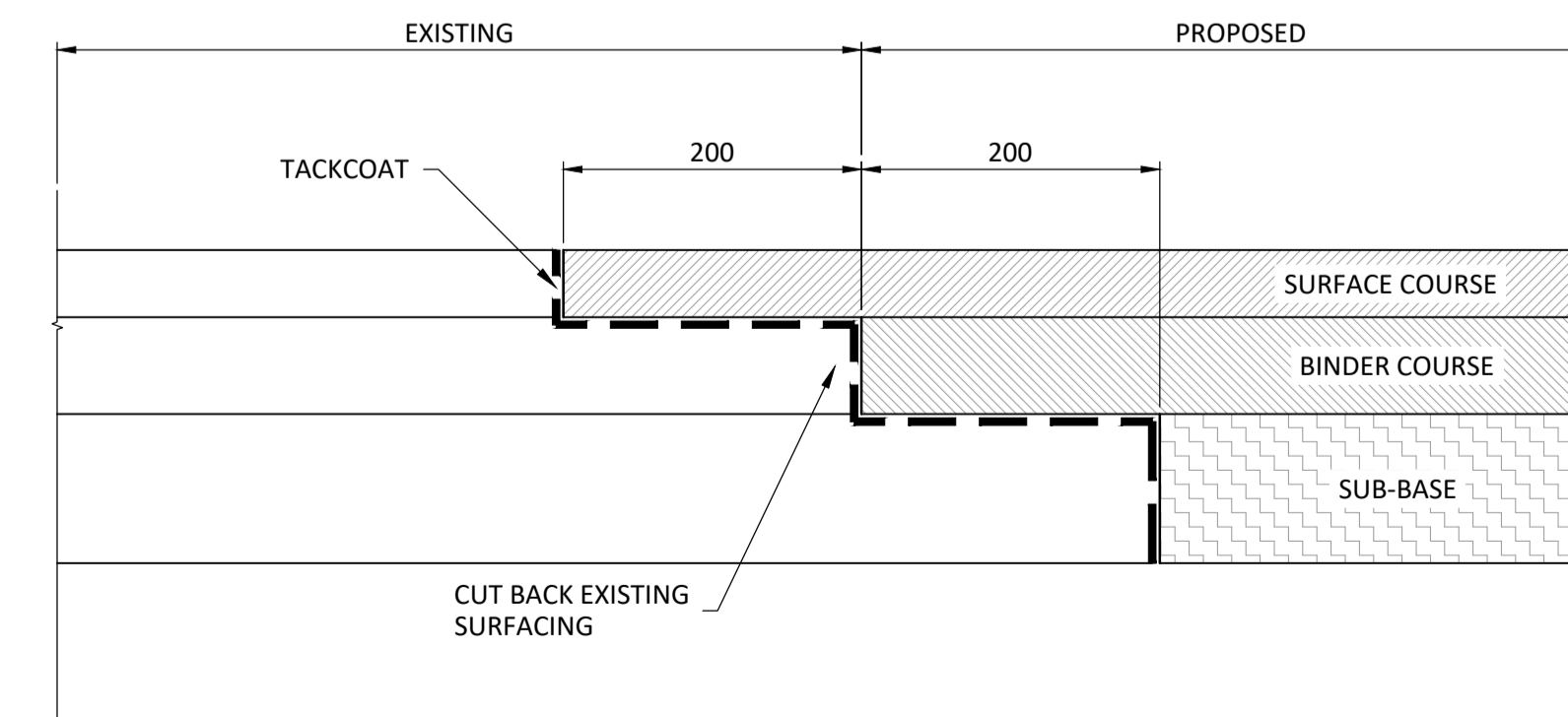
RAISED TABLE RAMP CONSTRUCTION



TYPICAL TACTILE PAVING SECTION
SCALE 1:20



PROPOSED TO EXISTING PAVEMENT TIE IN DETAIL
Scale 1:10



NEW FOOTWAY TIE-IN TO EXISTING

GENERAL ADOPTABLE ROAD NOTES:

1. ALL MATERIAL IN CARRIAGEWAYS TO BE LAID BY MACHINE.
2. ALL MATERIAL TO BE IN ACCORDANCE WITH MCHW, UNLESS OTHERWISE AGREED.
3. DESIGN TYPE SURFACE COURSES MAY ONLY BE USED IN SPECIAL CASES WITH PRIOR WRITTEN APPROVAL OF THE PROJECT ENGINEER.
4. DEFINITIONS - AC = ASPHALT CONCRETE, HRA = HOT ROLLED ASPHALT, CBR = CALIFORNIAN BEARING RATIO.
5. MINIMUM LONGITUDINAL FALL IN CHANNELS TO BE 1:170.
6. MINIMUM DEPTH OF NON-FROST SUSCEPTIBLE MATERIAL IS 450MM FOR ROAD PAVEMENTS.
7. THE MINIMUM PSV AND AAV FOR SURFACE COURSES WITH AND WITHOUT PRE-COATED CHIPPINGS, FOR ADOPTABLE ROADS IS AS DESCRIBED IN PARAGRAPH 4.6.8 OF THIS MANUAL.
8. TO DETERMINE THE REQUIRED CAPPING LAYER THICKNESS TO RESTORE FORMATION TO 15% REFER TO INTERIM ADVICE NOTE 73/06 REVISION 1. (2009) FOR CLASS 2 RESTRICTED DESIGN OPTIONS - IAN 73/06 REPLACES HD 25/94.
NOTE: CAPPING AND SUB-BASE LAYER THICKNESSES CAN BE REDUCED IF COMBINED WITH A GEOSYNTHETIC MATERIAL TO THE APPROVAL OF THE PROJECT ENGINEER.
9. COMMERCIAL/INDUSTRIAL ADOPTABLE ROADS AND SPINE ROADS SHOULD BE DESIGNED IN ACCORDANCE WITH THE DESIGN MANUAL FOR ROADS AND BRIDGES.
10. THE AVERAGE TEXTURE DEPTH FOR BITUMINOUS SURFACING SHALL BE EQUAL TO OR MORE THAN 1MM AND NOT MORE THAN 1.2mm.
11. FOR ALL BITUMINOUS MATERIALS, TRANSPORTATION, LAYING, COMPACTION AND TYPE TESTING PROTOCOLS SHALL CONFORM TO BS 594987:2010.
12. WHERE AGREED IN WRITING WITH THE HIGHWAY AUTHORITY, RECLAIMED ASPHALT MAY BE USED IN ACCORDANCE WITH BS EN 13108 AND CLAUSES 902 AND 948, MCHW. FOR ADDITIONAL GUIDANCE REFER TO PD 6691: 2007.
13. WHERE THE SURFACE FINISH VARIES WITHIN THE WORKS E.G. ASPHALT, CONCRETE, BLOCK PAVERS ETC. THE SPECIFICATION OF MATERIALS USED SHALL REMAIN CONSISTENT THROUGHOUT UNLESS AGREED OTHERWISE BY THE PROJECT ENGINEER.
14. BASECOURSE MATERIAL - THE AC32 MATERIALS LARGE STONE CONTENT CAN RESULT IN IT BEING OPEN WHEN LAID AND PRONE TO FRETTING. THEREFORE, IF THE BASECOURSE IS TO REMAIN UNCOVERED FOR ANY LENGTH OF TIME AN OVERLAY OF AC20 BINDER COURSE IS REQUIRED.

Standard Notes

1. This drawing is to be read in conjunction with all relevant Architect's and Engineer's drawings and the specification.
2. This drawing should not be scaled.
3. All dimensions are to be verified by the contractor on site.
4. All discrepancies should be reported to the C.A. prior to the commencement of the works.

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Notes and Keys

1. ALL BUILT UPS REQUIRE S278 APPROVAL FROM SBC HIGHWAYS
2. DRAWING TO BE READ IN CONJUNCTION WITH CIVIC ENGINEERS TENDER PACKAGE
3. ALL DETAILS IN ACCORDANCE WITH ESSEX HIGHWAYS DESIGN GUIDANCE

Date	Rev	Description	Drawn	Chkd
26.04.22	P03	ISSUED FOR TENDER	AF	RWI
28.02.22	P02	STAGE 4 ISSUE	AF	RWI
26.11.21	P01	First Issue	AF	RWI

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Project
**PORTERS PLACE SOUTHEND-ON-SEA LLP
BETTER QUEENSWAY**

Title
**PROPOSED S278 AGREEMENT
BUILD UP DETAILS**

Status
TENDER

Project Number	Scale @ A1	Date Created	Drawn	Checked	Suitability
1042-01	1:10	NOV 21	ZTP	RWi	S5

Drawing Number
1042-01-CIV-XX-XX-D-H-41003

Revision
P03