

MINIMUM PERMISSIBLE PAVEMENT COMPOSITION
FOR SUBGRADE CBR = 3%

THIS DRAWING IS TO BE USED IN CONJUNCTION WITH 'GUIDE TO DESIGN OF FLEXIBLE PAVEMENTS FOR NEW URBAN RESIDENTIAL STREETS', BY ALLAN BOWMAN & ASSOCIATES PTY LTD. PREPARED FOR WYNDHAM CITY COUNCIL.

ACCESS PLACE, DTL = 7.0×10^3 ESAs

WEARING COURSE	25mm	SIZE 7 TYPE L ASPHALT
INTERLAYER	10mm	SAMI TREATMENT
BITUMINOUS PRIME	-	PRIME OR PRIMERSEAL
BASE	165mm	20mm CLASS 2 FINE CRUSHED ROCK
UPPER SUBBASE	75mm	20mm CLASS 3 FINE CRUSHED ROCK
LOWER SUBBASE	≥ 150mm	LOWER SUBBASE MATERIAL
TOTAL	≥ 425mm	

ACCESS STREET, DTL = 3.0×10^4 ESAs

WEARING COURSE	30mm	SIZE 10 TYPE L ASPHALT
INTERLAYER	10mm	SAMI TREATMENT
BITUMINOUS PRIME	-	PRIME OR PRIMERSEAL
BASE	160mm	20mm CLASS 2 FINE CRUSHED ROCK
UPPER SUBBASE	75mm	20mm CLASS 3 FINE CRUSHED ROCK
LOWER SUBBASE	≥ 195mm	LOWER SUBBASE MATERIAL
TOTAL	≥ 470mm	

COLLECTOR STREET, DTL = 1.5×10^5 ESAs

WEARING COURSE	35mm	SIZE 10 TYPE N ASPHALT
INTERLAYER	10mm	SAMI TREATMENT
BITUMINOUS PRIME	-	PRIME OR PRIMERSEAL
BASE	155mm	20mm CLASS 2 FINE CRUSHED ROCK
UPPER SUBBASE	100mm	40mm CLASS 3 FINE CRUSHED ROCK
LOWER SUBBASE	≥ 225mm	LOWER SUBBASE MATERIAL
TOTAL	≥ 525mm	

TRUNK COLLECTOR, DTL = 5.0×10^5 ESAs

WEARING COURSE	40mm	SIZE 14 TYPE N ASPHALT
INTERLAYER	10mm	SAMI TREATMENT
BITUMINOUS PRIME	-	PRIME OR PRIMERSEAL
BASE	150mm	20mm CLASS 2 FINE CRUSHED ROCK
UPPER SUBBASE	100mm	40mm CLASS 3 FINE CRUSHED ROCK
LOWER SUBBASE	≥ 280mm	LOWER SUBBASE MATERIAL
TOTAL	≥ 580mm	

NOTES:

- PAVEMENT DESIGN NOT COVERED BY THESE CHARTS, SHALL BE DESIGNED BY ACCREDITED VICROADS DESIGNERS FOR ND1, ND2, RM1 AND RM2 AND APPROVED BY WYNDHAM CITY COUNCIL.
- LOWER SUB-BASE MATERIALS SHALL BE IN ACCORDANCE WITH WYNDHAM CITY COUNCILS GENERAL SPECIFICATIONS, SECTIONS 204 AND 811.

Drawing name: I:\Roads Shared\Standard Dwg Review 2007\SD8-3.dwg (22 May, 2009)

Rev	Amendments	Approved	Date		<p align="center">MINIMUM PERMISSABLE PAVEMENT COMPOSITION</p>	Cad File : SD8-3.DWG
B	Minor drafting modifications		17-07-07			Drawn Date : 02/02/09
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					Engineering Services Approval No.: ES001	Date : 21/05/09

GENERAL NOTES: -DRAWINGS ARE NOT TO SCALE.
 -ALL MEASUREMENTS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
 -FOR UP TO DATE DRAWINGS PLEASE CHECK WYNDHAM CITY COUNCIL WEB SITE.
 -ALL STANDARD DRAWINGS TO BE USED IN CONJUNCTION WITH SD1-1 (STANDARD DRAWINGS CONDITIONS OF USE).