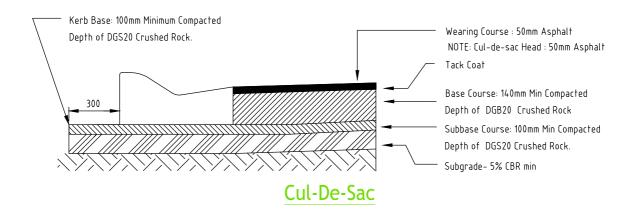


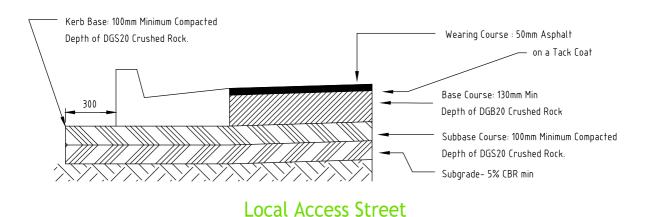
Federation Council Standard Drawing Index

<u>Series 100 - Road Pavements</u>

SD100 - Pavement Details - Cul-De-Sacs, Access Streets & Collector Roads

 $\underline{\mathsf{SD}}$ 101 - Pavement Details - Distributor, Industrial & Rural Roads





Kerb Base: 100mm Minimum Compacted Depth of DGS20 Crushed Rock. Wearing Course: 50mm Asphalt on a Tack Coat or Two Coat Bitumen Seal Base Course: 130mm Minimum Compacted Depth of DGB20 Crushed Rock Subbase Course: 150mm Minimum Compacted Depth of DGS20 Crushed Rock. Subgrade- 5% CBR min Collector Street

NOTES:

- Notwithstanding Council's minimum pavement requirements the proposed pavement is to be designed by a suitably qualified Geotechnical
 and/or Pavements Engineer in accordance with the following texts.
 - ••• Guide to Pavement Technology Part 2: Pavement Structural Design, Austroads 2017
- 2. All soil testing done for the purposes of pavement design shall be performed by NATA accredited Laboratories, with accreditation to perform all of the individual tests that are required. Testing shall also conform to the following Australian Standards:
 - ••• AS1726 Geotechnical Site Investigations
 - ••• AS1289 Testing of Soils for Engineering Purposes
 - ••• AS1141 Testing of Aggregates
- Min. Depths can be reduced subject to a Geotechnical Report, Pavement Design Report and approval.
- 4. Stabilised means the addition of 3% lime. Lime/cement stabilised soil can comply subject to approval.
- 5. Compaction- Base Course: 98% MMDD +/- 2% OMC. Subbase Course: 95% MMDD.
- 6. Min. CBR 5%, or refer Road Pavement Design Report.



Standard Drawing

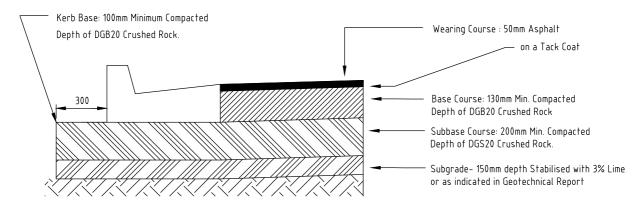
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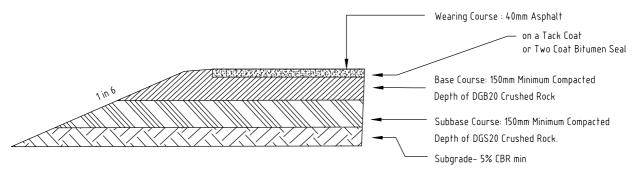
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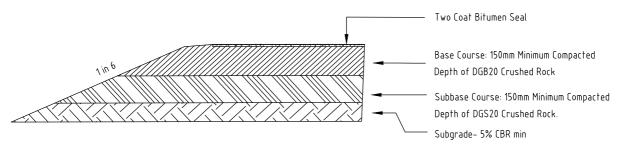
PAVEMENT DETAILS
CUL-DE-SAC, ACCESS STREETS & COLLECTOR ROADS



Distributor / Industrial Road



Intersections with Heavy Vehicle Movement



Rural - Sealed Road

NOTES:

- Notwithstanding Council's minimum pavement requirements the proposed pavement is to be designed by a suitably qualified Geotechnical and/or Pavements Engineer in accordance with the following texts.
 - Austroads Guide to Pavement Technology 2017 revision
- All soil testing done for the purposes of pavement design shall be performed by NATA accredited Laboratories, perform all of the individual tests that are required. Testing shall also conform to with accreditation to the following Australian Standards:
 - AS1726 Geotechnical Site Investigations
 - AS1289 Testing of Soils for Engineering Purposes
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- Min. CBR 5%, or refer Road Pavement Design Report.



Standard Drawing

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SD101

PAVEMENT DETAILS DISTRIBUTOR, INDUSTRIAL & RURAL ROADS