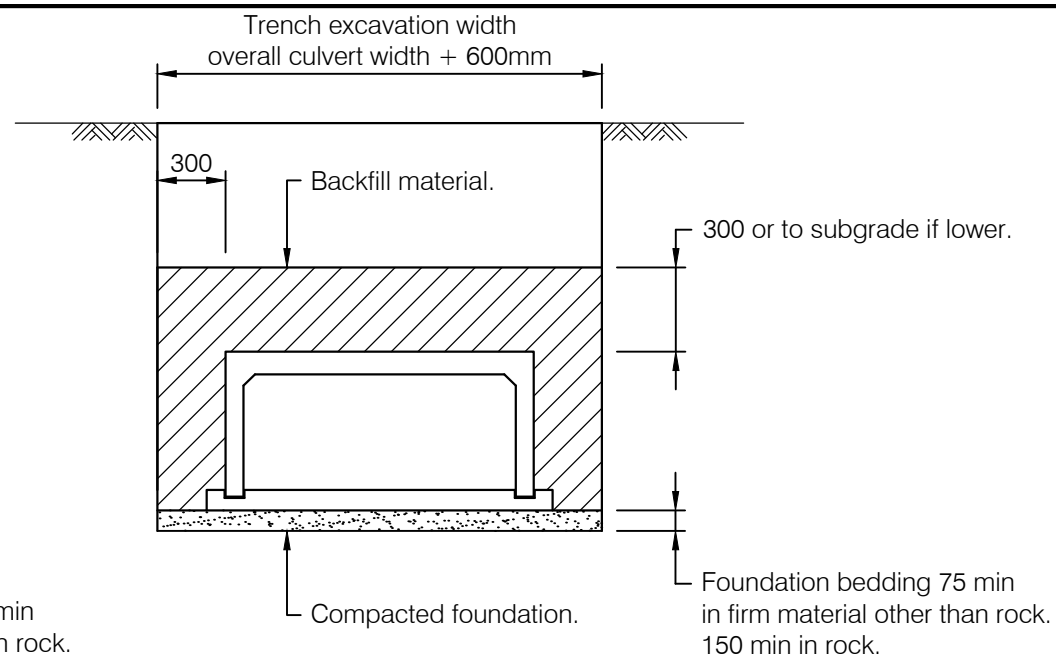
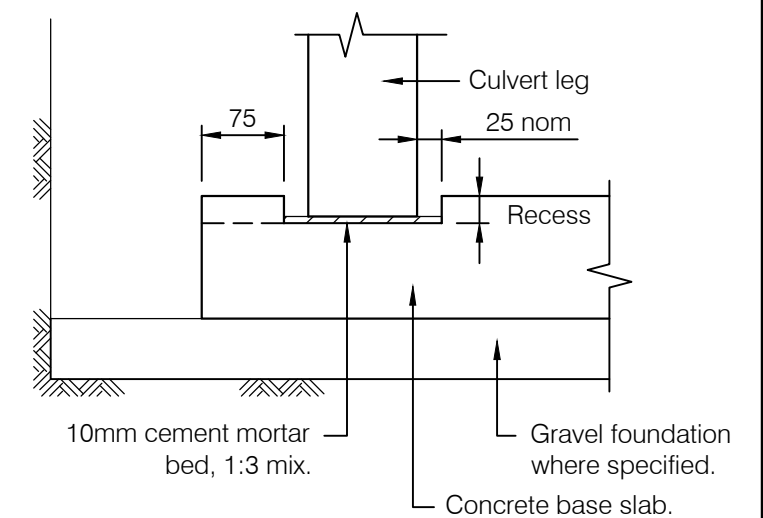


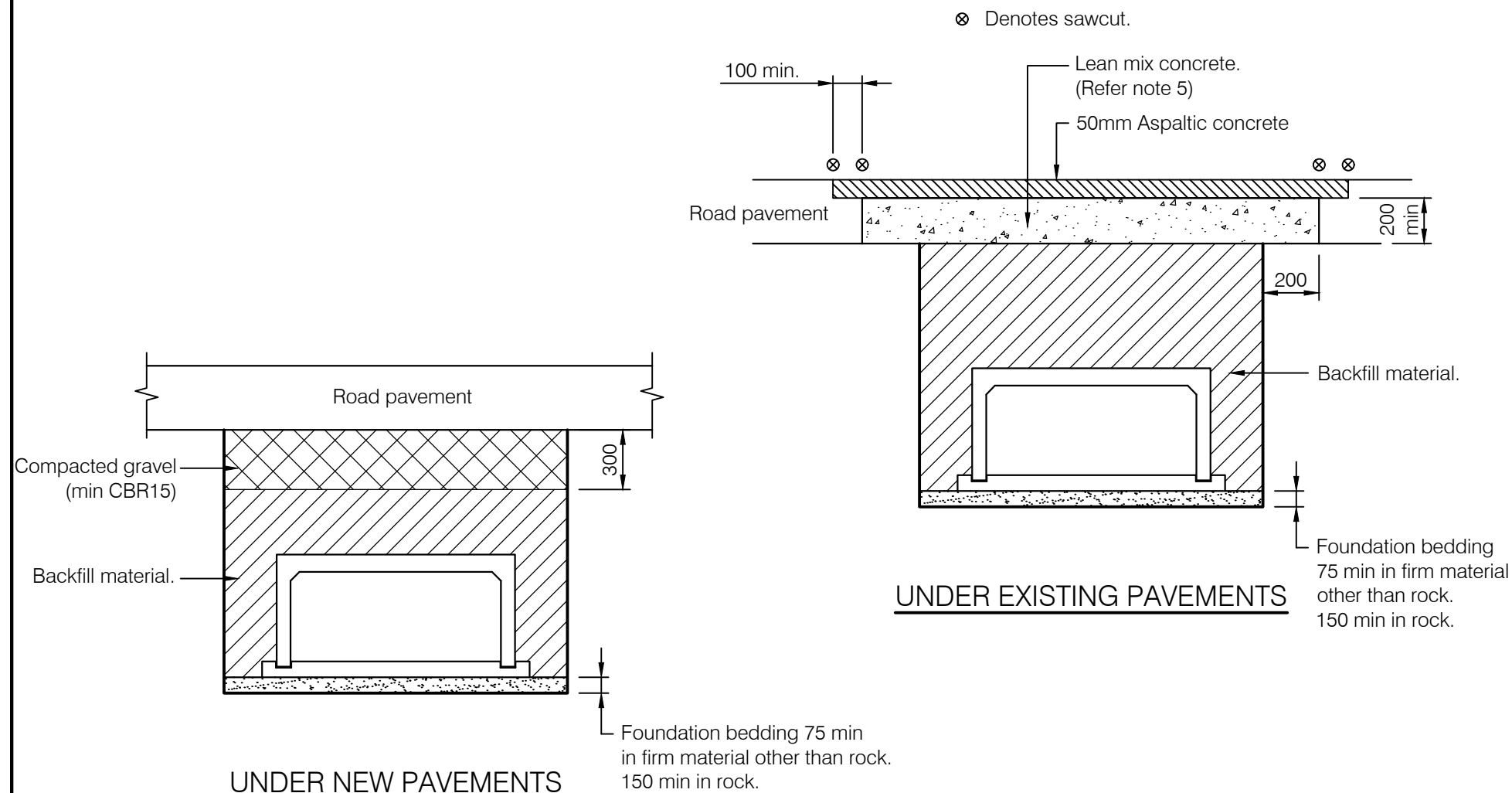
EMBANKMENT INSTALLATION



TRENCH INSTALLATION



INSTALLATION OF CROWN UNITS



UNDER NEW PAVEMENTS

UNDER EXISTING PAVEMENTS

NOTES:

1. Refer project drawing for details of culvert foundations / working platforms in poor ground conditions.
2. Refer Main Roads Standard Drawing S1250 & 1260 for installation of cast insitu RC box culverts & slab link box culverts.
3. All joints to be as per manufacturers recommendation and subject to approval by Council.
4. Backfill compaction:
Compacted foundation / backfill materials - 95% standard compaction.
Compacted gravel (300mm layer) under road pavement - 98% standard compaction
Compacted fill - at footpaths / private property - 95% standard compaction.
Max. densities determined by standard compaction tests to AS 1289.E5.1.
5. On residential streets, and rural roads the pavement may be reinstated to the satisfaction of council in lieu of lean mix concrete.
6. In aggressive environments or where any part of the culvert is below RL 1.800, culvert units and base slabs reinforcing shall be required to meet the exposure classification of AS 3600.
7. All dimensions in millimetres.

B	NOTES CHANGED	27/08/20
A	ORIGINAL ISSUE	12/03/04
REVISIONS		DATE

DISCLAIMER

The authors and sponsoring organisations shall have no liability or responsibility to the user or any other person or entity with respect to any liability, loss or damage caused or alleged to be caused, directly or indirectly, by the adoption and use of these Standard Drawings including, but not limited to, any interruption of service, loss of business or anticipatory profits, or consequential damages resulting from the use of these Standard Drawings. Persons must not rely on these Standard Drawings as the equivalent of, or a substitute for, project-specific design and assessment by an appropriately qualified professional.



**EXCAVATION, BEDDING AND
BACKFILLING OF PRECAST BOX CULVERTS**

Standard
Drawing
S1045

A	B			
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