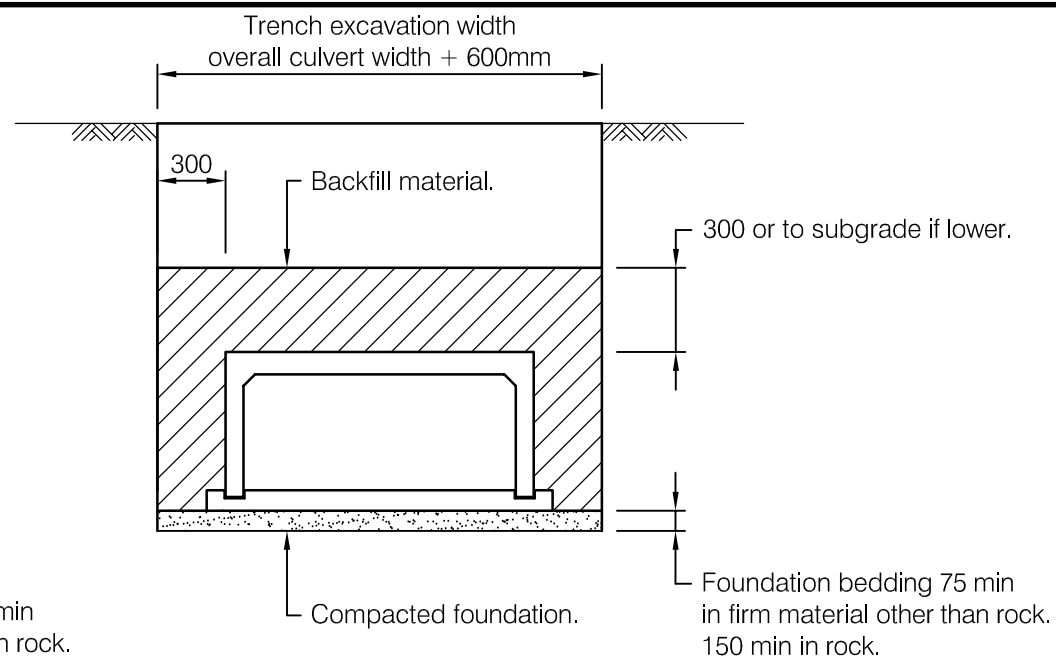
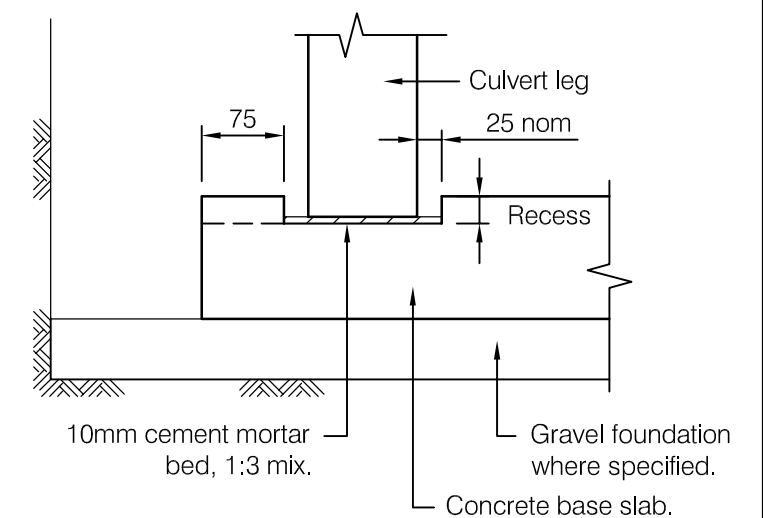


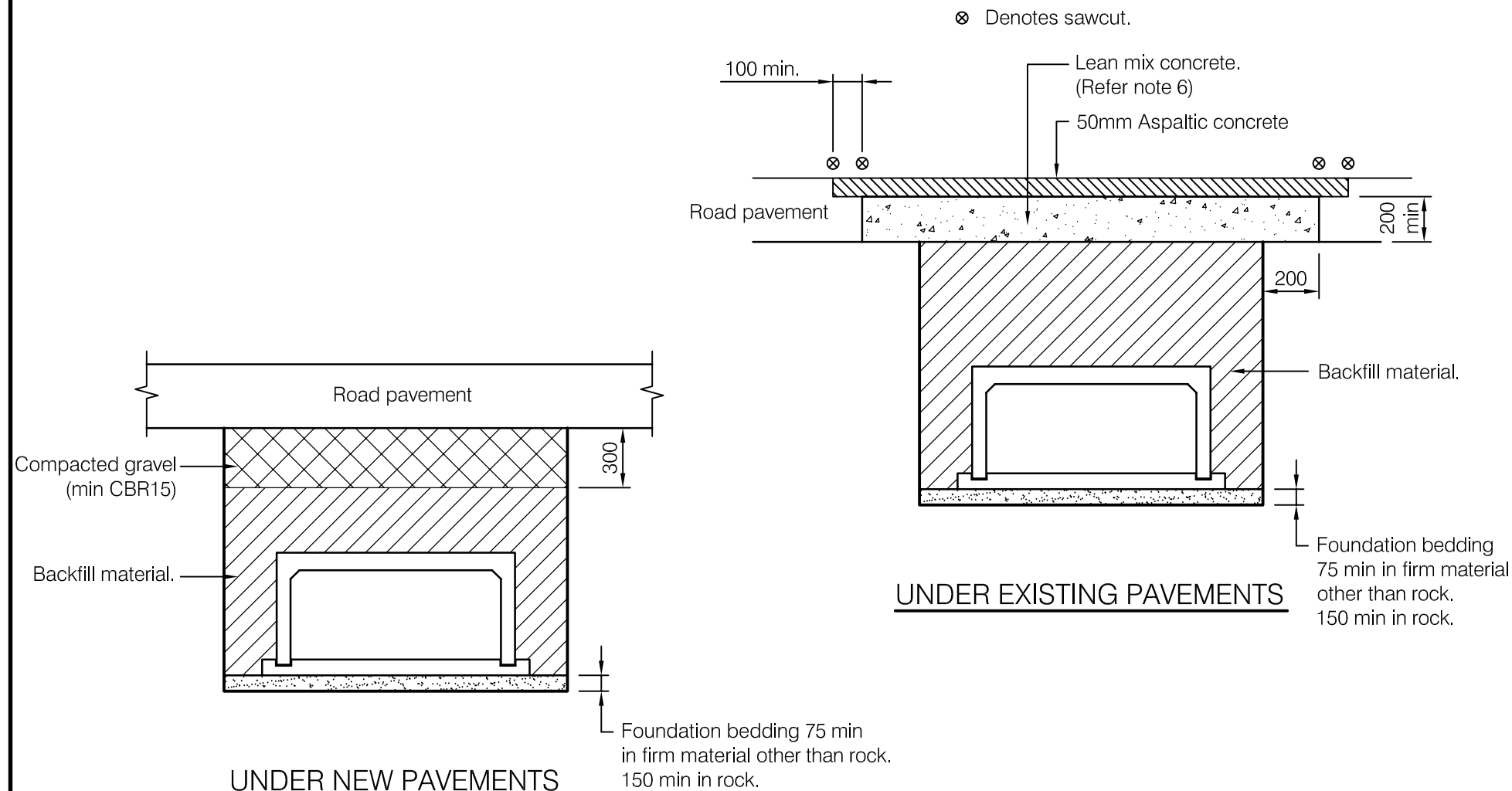
**EMBANKMENT INSTALLATION**



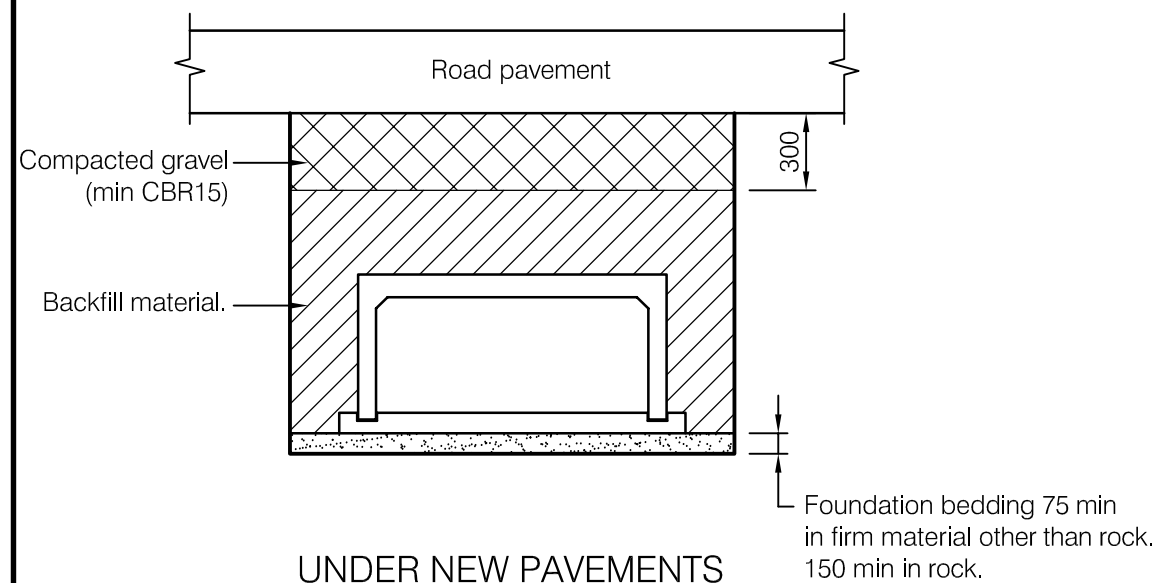
**TRENCH INSTALLATION**



**INSTALLATION OF CROWN UNITS**



**UNDER EXISTING PAVEMENTS**



**UNDER NEW PAVEMENTS**

### NOTES:

1. Refer project drawing for details of culvert foundations / working platforms in poor ground conditions.
2. Refer Main Roads Standard Drawing 1316 for installation of precast culverts.
3. Refer Main Roads Standard Drawing 1318 for construction of reinforced concrete bases.
4. All joints to have manufacture recommended joint seals or alternatively shall be tapped with 75mm wide "Denso" (600) tape.
5. 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.
6. On residential streets, and rural roads the pavement may be reinstated to the satisfaction of council in lieu of lean mix concrete.
7. 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.
8. All dimensions in millimetres.

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### DISCLAIMER

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## EXCAVATION, BEDDING AND BACKFILLING OF PRECAST BOX CULVERTS

Standard  
Drawing  
**S1045**

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