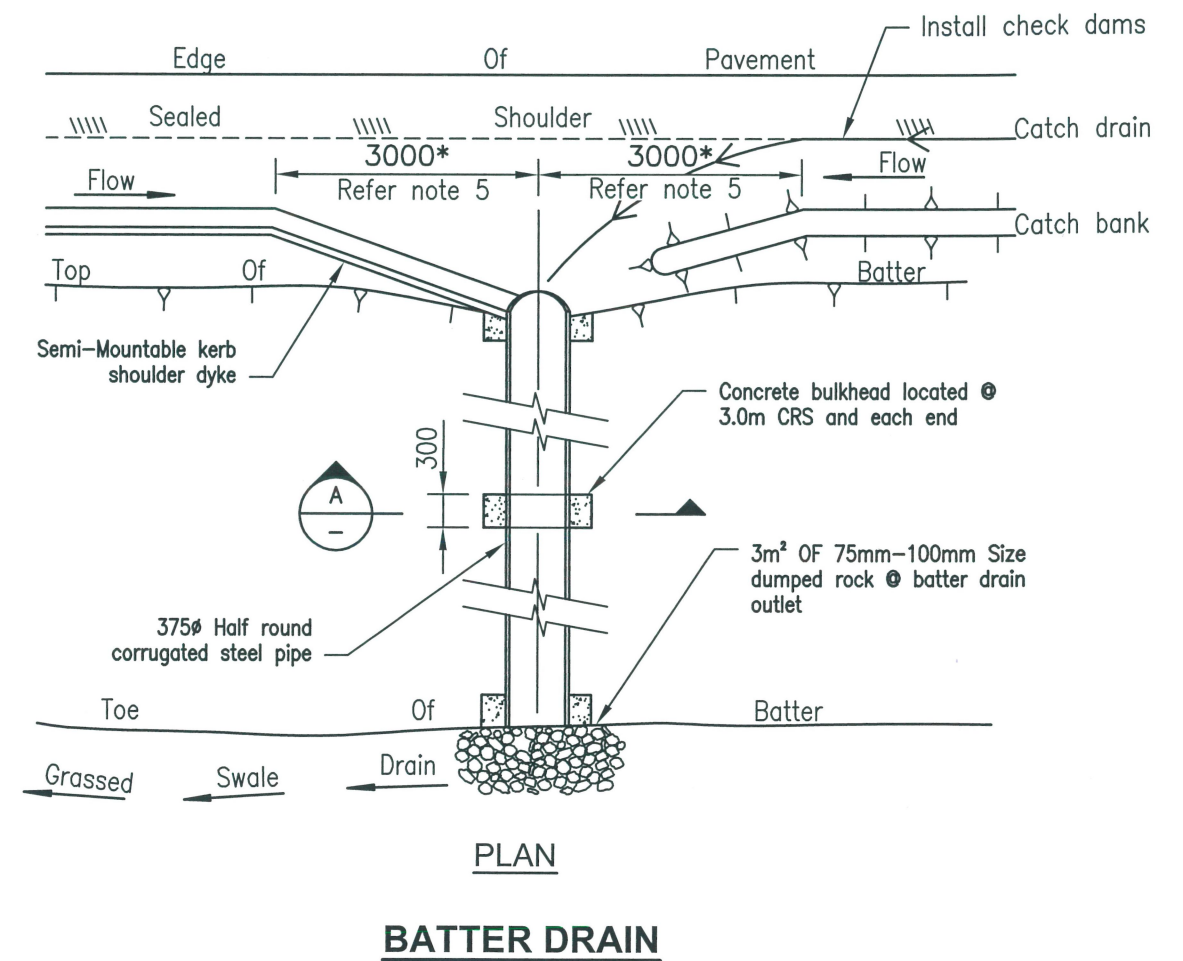
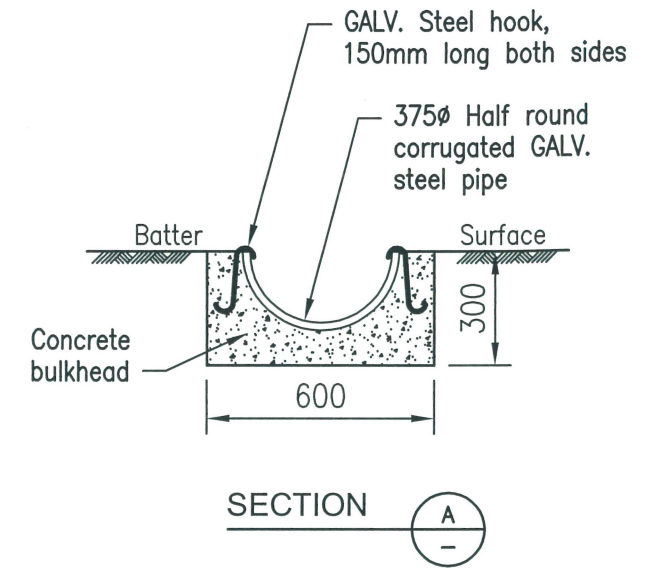
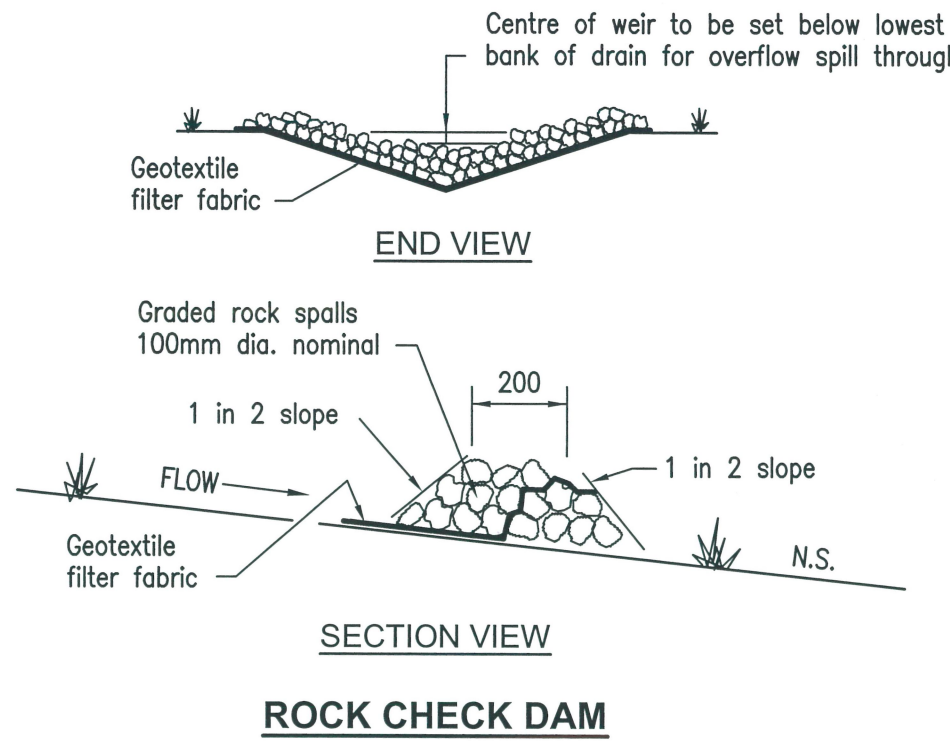
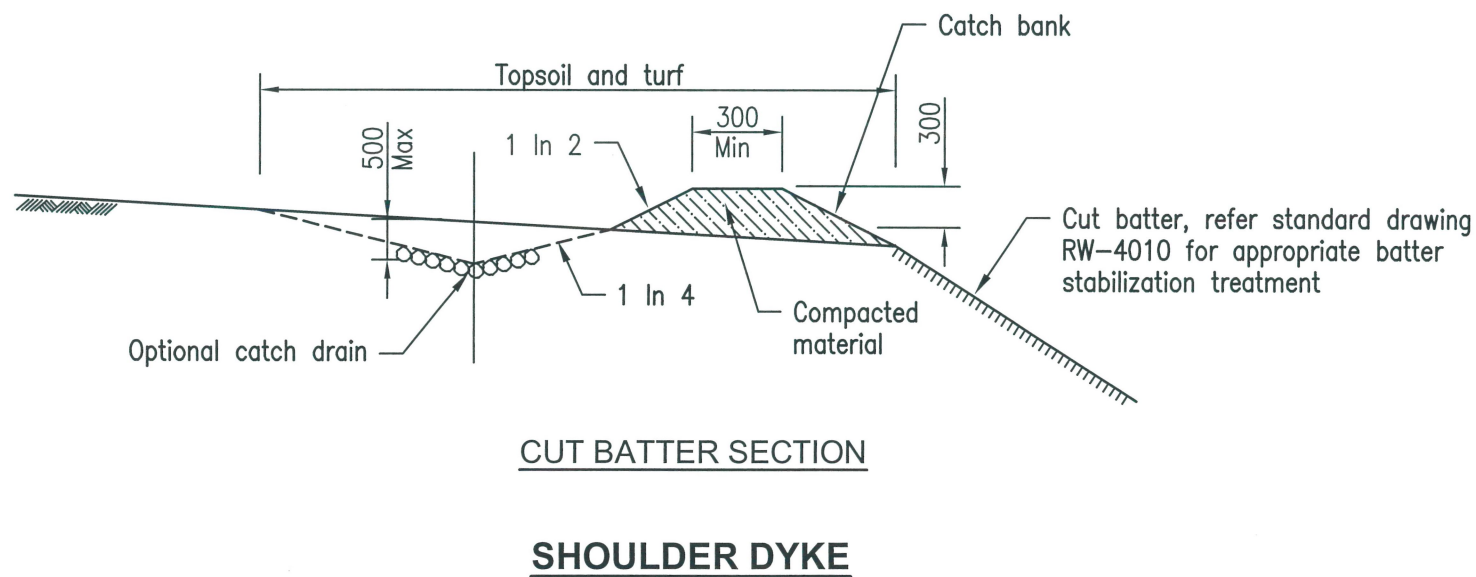
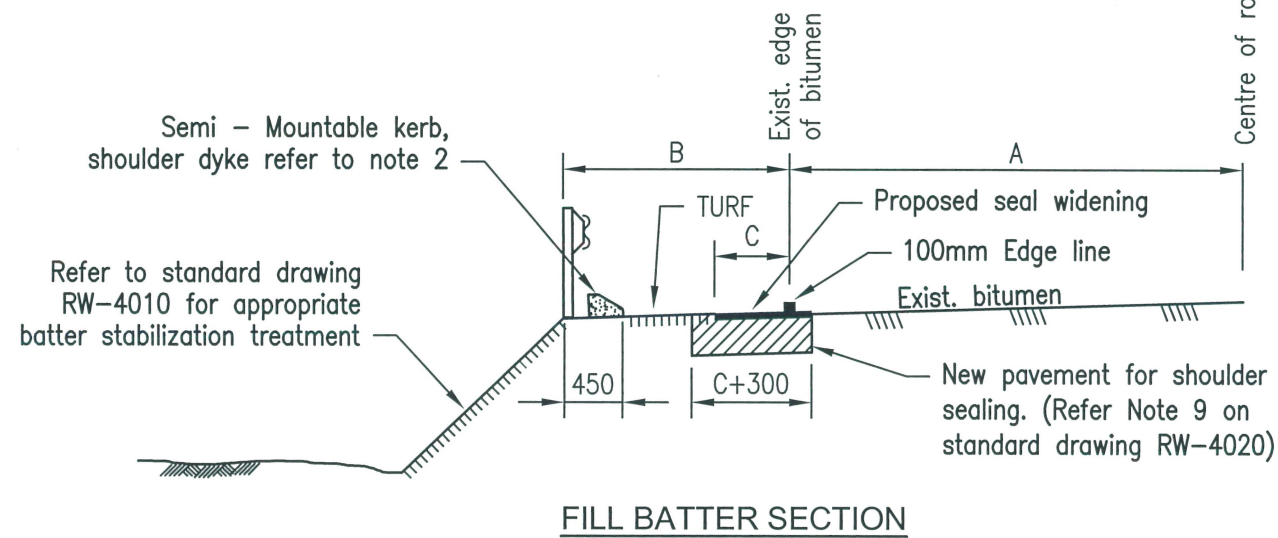


NOTES

- Batter drains are to be positioned adjacent to culverts and where surface flows on shoulder encroach on to the driving lane and in accordance with the 'International Erosion Control Association - Best Practise for Erosion and Sediment Control' Chapter 4.3.
- Shoulder dyke may be omitted on superelevated curves where roadway crossfall slopes away from shoulder or where fill batter is less than 1.0m in height.
- Catch drains are to be treated as for swale drains. Refer standard drawing RW-4020.
- For dimensions A, B & C refer to Table 2 on standard drawing RW-4020.
- This dimension to be reduced to 1000 when there is no flow from this direction.
- Final position of batter drains and extent of shoulder dyke to be determined by Council's Engineer.



REVISIONS		INIT	DATE	SCALES		Drawn	JN	Date	07/16
E						Coordinator	PP	Date	07/16
D						AUTHORISED 07/07/16 Manager Integrated Transport Planning & Design RPEQ 6872			
C									
B									
A									
ORIGINAL ISSUE		JN	07/16						

**ROADSIDE DRAINAGE
UPGRADING OF EXISTING ROADS
SHOULDER DYKES AND BATTER DRAINS**



DRG No. **RW-4021**

ORIGINAL SIZE **A3**

REVISION