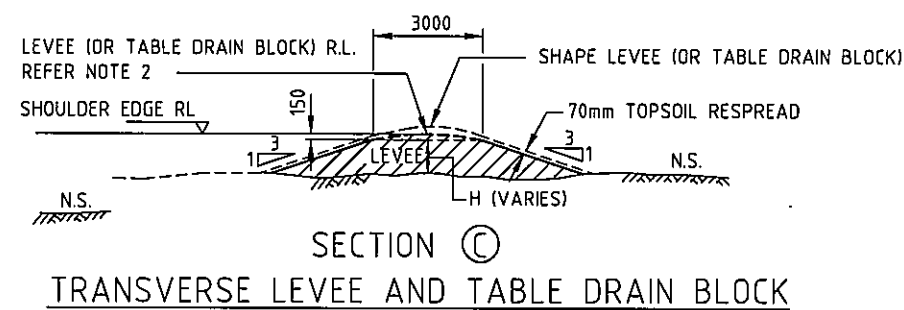
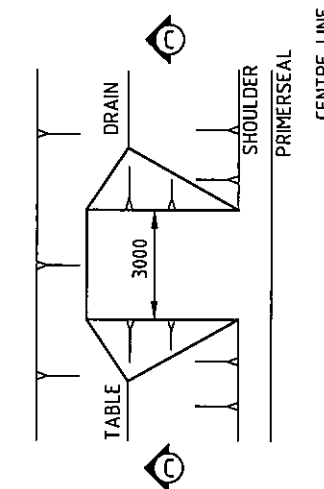
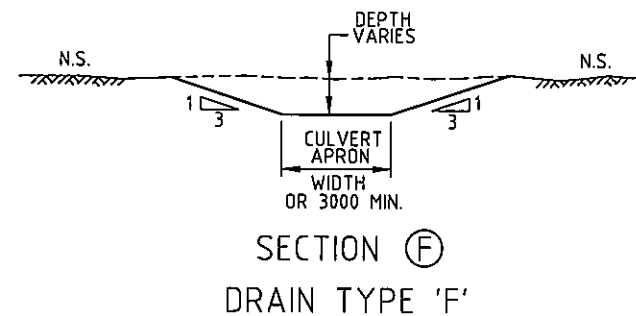
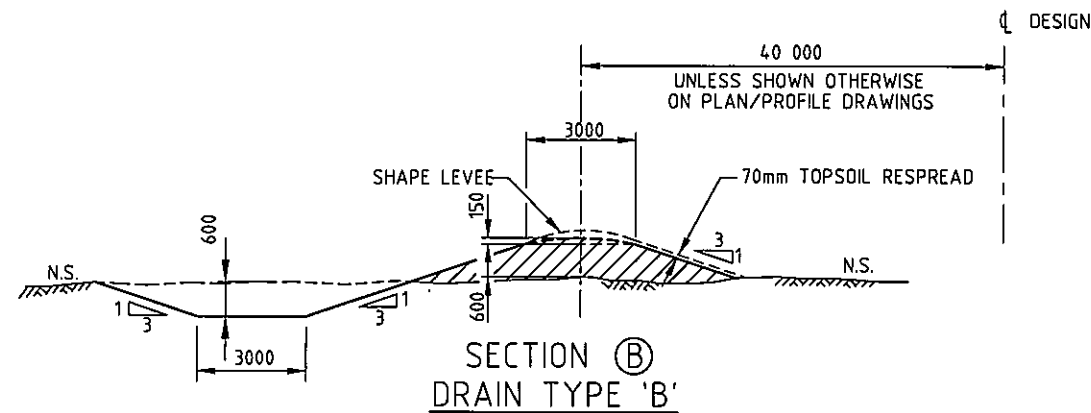
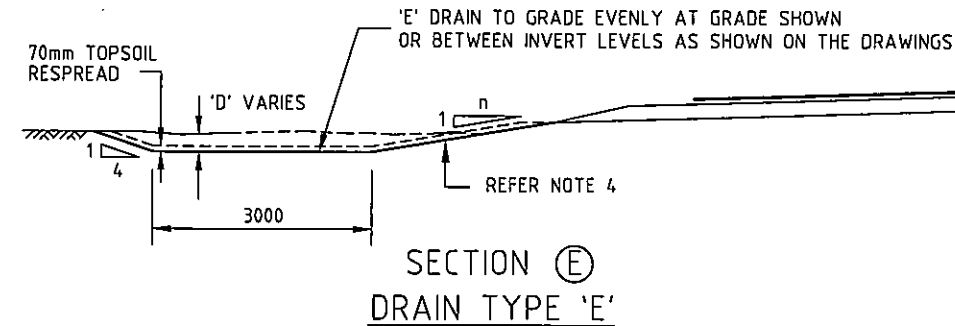
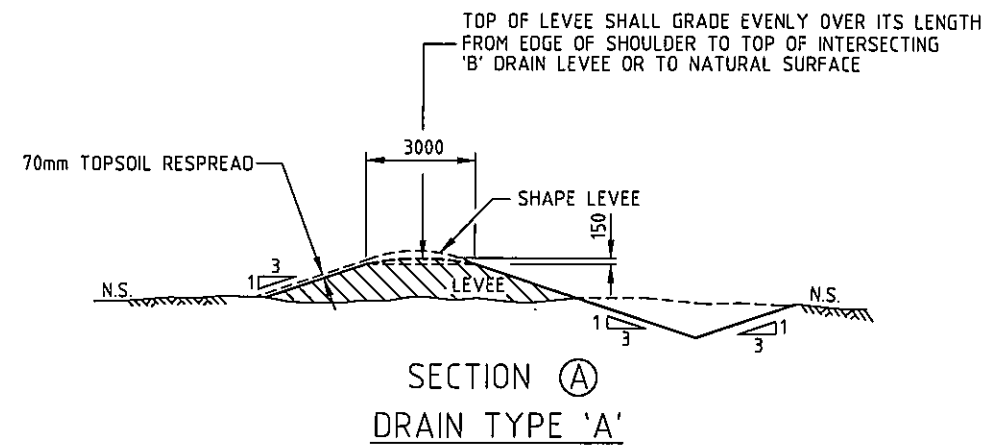


# AMENDMENTS

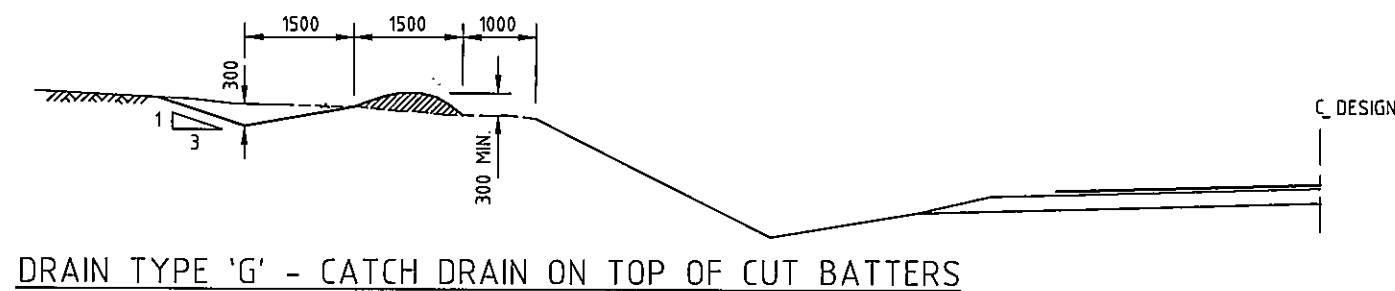
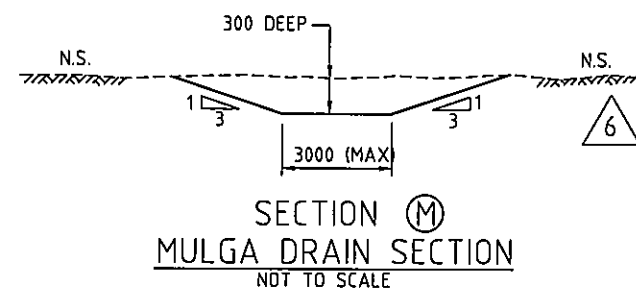
NO.	DESCRIPTION	APPROVED & DATE
1	AMENDED NOTE 1.	G. McLEAN 11.2.99
2	SECTION (C) AND NOTE 5 AMENDED.	R. GROVE 11.7.05
3	NOTE 3 DELETED AND NOTES RENUMBERED.	T. FREEMAN 6.4.06
4	NOTE ON SECTION (E) AMENDED. TITLE BLOCK UPDATED.	T. FREEMAN 28.5.07
5	REFERENCE ON SECTION (C) AMENDED.	T. FREEMAN 2.7.10
6	MULGA DRAIN SECTION (M) ADDED NOTE 5 ADDED	<i>AF</i> 8.4.14.

## NOTES



**FOR CULVERT OUTLETS**  
DRAIN 'F' EXTENDS FROM OUTLET OF CULVERT WITH INVERT OF DRAIN EQUAL TO INVERT OF CULVERT, GRADED AT A MAXIMUM 0.1%, UNTIL DRAIN INTERSECTS NATURAL SURFACE.

**FOR CULVERT INLETS**  
DRAIN 'F' TO GRADE EVENLY FROM CREEK LEVEL TO INLET INVERT LEVEL, OTHERWISE LENGTHS, LEVELS OR GRADE SHALL BE SHOWN ON THE PLAN AND PROFILE DRAWINGS.



## NOTES:

1. INVERT LEVEL OF DIVERSION DRAIN TYPE 'A' SHALL COMMENCE AT TOE OF BATTER OR AT TABLE DRAIN INVERT AND SHALL GRADE EVENLY TO NATURAL SURFACE.
2. TRANSVERSE LEVEE SHALL EXTEND FROM EDGE OF FORMATION WITH RL AT SAME LEVEL AS EDGE OF SHOULDER UNLESS SPECIFIED OTHERWISE.
3. DIMENSIONS MAY VARY DEPENDING ON GEOMECHANICAL PROPERTIES OF CUT/FILL MATERIALS AND VOLUME OF RUNOFF.
4. MAXIMUM FORESLOPE WITH INDICATED BACKSLOPE TO BE 1 IN 4. FOR OTHER COMBINATIONS REFER TO MAIN ROADS' GUIDELINE 'ROADWAYS' - CHAPTER 3.
5. MULGA DRAIN SHOULD FOLLOW CONTOUR

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FILE NUMBER

DESIGNED / DRAWN ROAD AND TRAFFIC STANDARDS

VERIFIED T. FREEMAN 18.11.98

APPROVED R. GROVE 18.11.98

GUIDELINE DRAWING  
OFF-ROAD DRAINAGE  
CROSS SECTIONS

LOCAL AUTHORITY

DRAWING TYPE DRAWING NUMBER AMEND

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