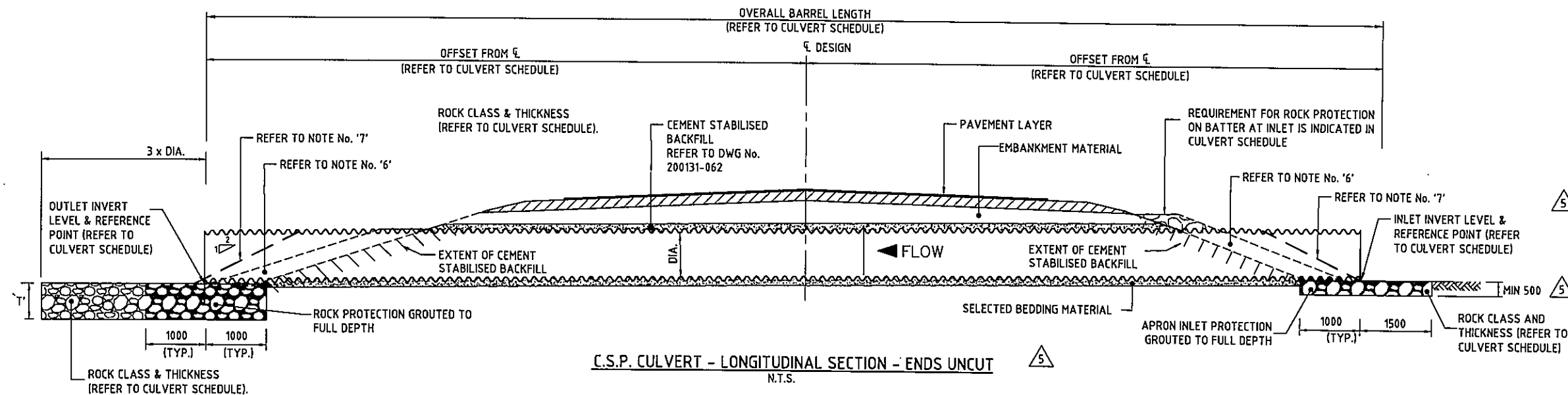
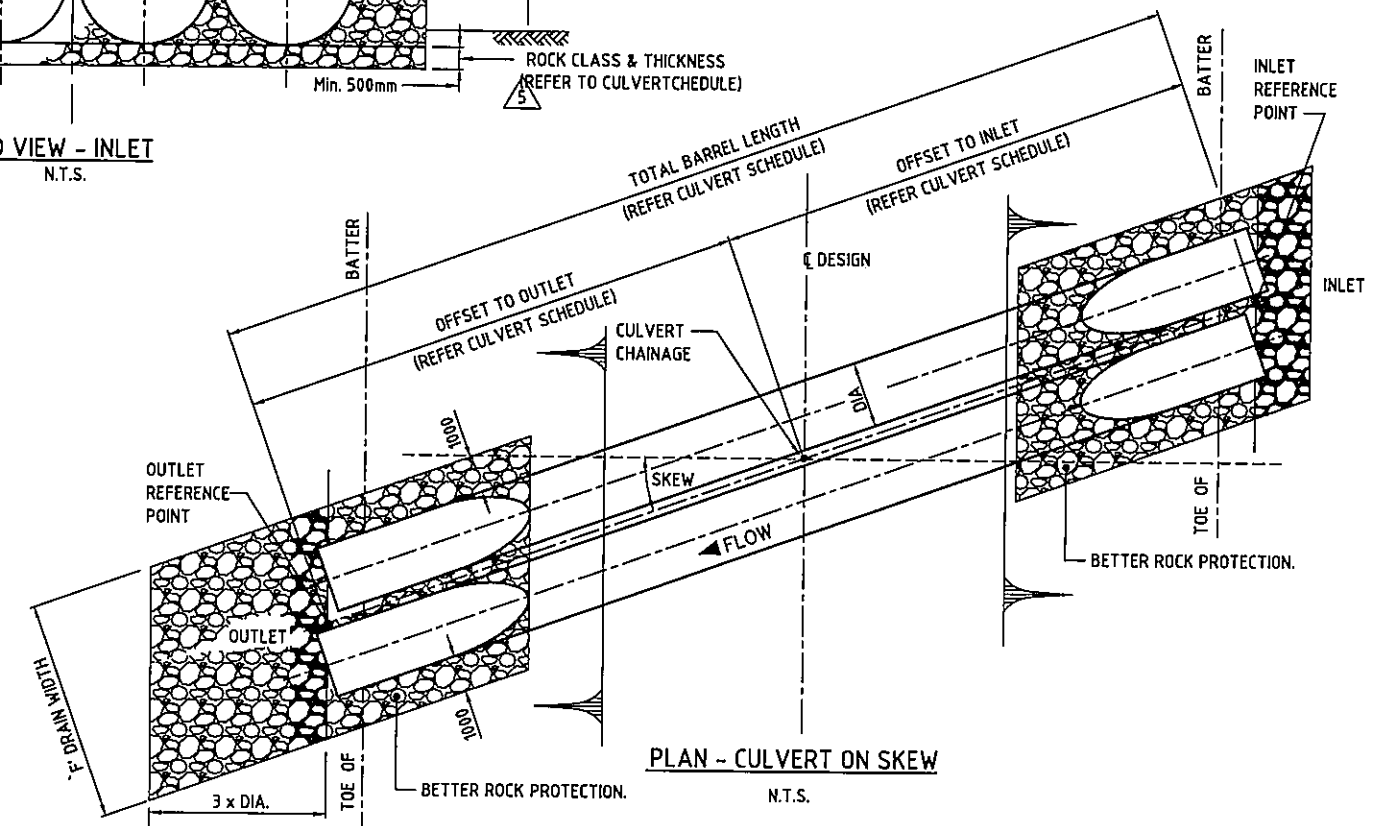
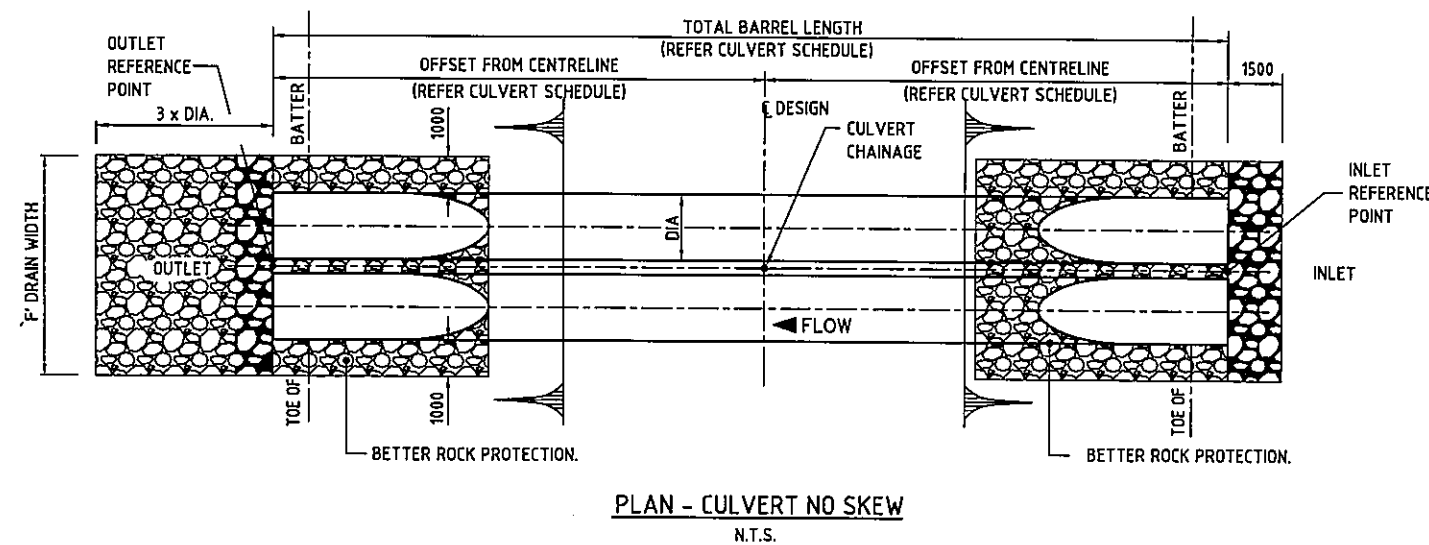
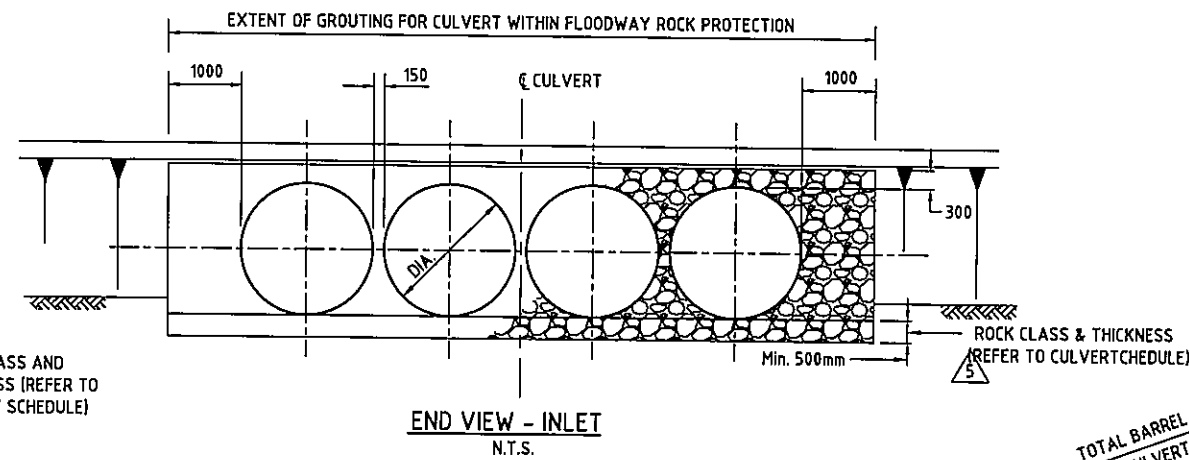
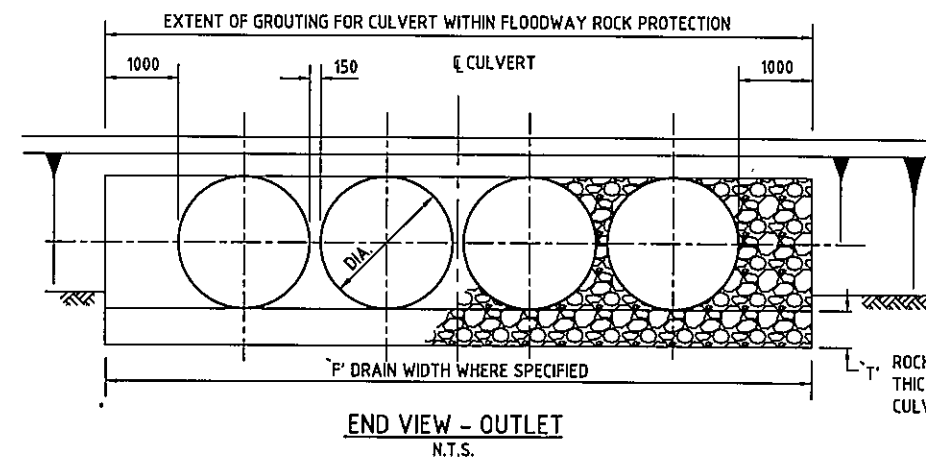




NOTE:

1. FOR ROCK CLASS GRADING REFER SPECIFICATION 406
2. CULVERT LOCATION AND INVERT LEVELS TO BE CONFIRMED BY SUPERINTENDENT PRIOR TO CONSTRUCTION.
3. GROUTING DETAILS AND MIX TO BE AS PER SPECIFICATION.
4. SKEW CULVERTS WITH ENDS CUT SHALL BE CUT AT 1 IN 2 BEVEL AND ROTATED ON-SITE TO SUIT BATTER SLOPE AS DIRECTED BY SUPERINTENDENT.
5. REFER TO DRAWING 200131-062 FOR BEDDING AND BACKFILL DETAILS.
6. OUTSIDE FLOODWAY : BATTER ROCK 500mm THICK FACING CLASS WITHIN FLOODWAY : BATTER ROCK TO BE THE SAME AS FLOODWAY ROCK PROTECTION AND GROUDED TO 300mm DEPTH.
7. INLET AND OUTLET TO BE CUT ON BEVEL WHERE SPECIFIED IN CULVERT SCHEDULE (TYP).



5.	ROAD SECTION AMENDED, TITLE BLOCK AMENDED, NOTE 6 AND 7 ADDED, MIN THICKNESS OF ROCK AT INLET LIMITED TO 500.	22.12.17
4.	ROCK PROTECTION GROUTING AMENDED.	TRECKMAN 21.12
3.	ROCK PROTECTION UNDER PIPE AMENDED.	TRECKMAN 21.12
2.	REMOVED BEDDING DETAILS AND ADDED NOTE 5.	CMAGRIPLS 23.6.19
1.	SELECTED FILL CHANGED TO EMBANKMENT MATERIAL.	R. GROVE 6.9.95
No.	DESCRIPTION	APPROVED & DATE
	AMENDMENTS	

No.	DESCRIPTION	APPROVED & DATE
	AMENDMENTS	

THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRG. NO. 200131-064, 200131-065		STANDARD DRAWING	
		C.P.S. CULVERT DETAILS	
PLANNING AND TECHNICAL SERVICES DIRECTORATE ROAD AND TRAFFIC ENGINEERING BRANCH WATERLOO CRESCENT Telephone (08) 9323 4111		MAXIMUM PIPE DIAMETER 1500 GENERAL ARRANGEMENT WITHOUT HEADWALL SHEET 3 OF 3	
DESIGNED: G. DE SILVA DRAWN: J. COOK / K. KASIRI VERIFIED: J. KARPINSKI 08.01.03 APPROVED: R. GROVE 16.01.03 FILE NUMBER:		LOCAL AUTHORITY: MRWA DRAWING NUMBER: 200131-066-5	