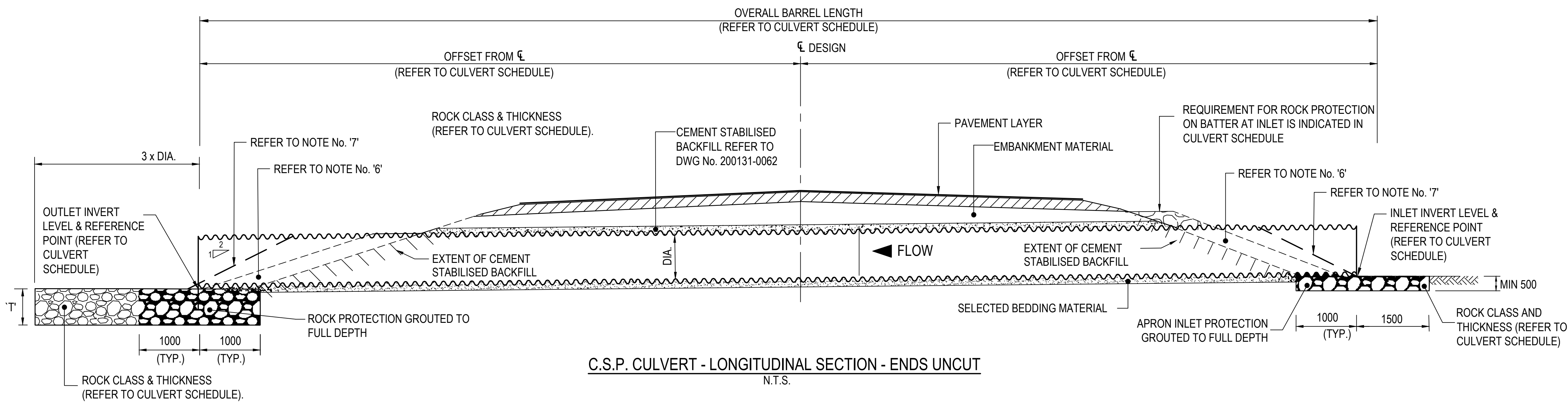
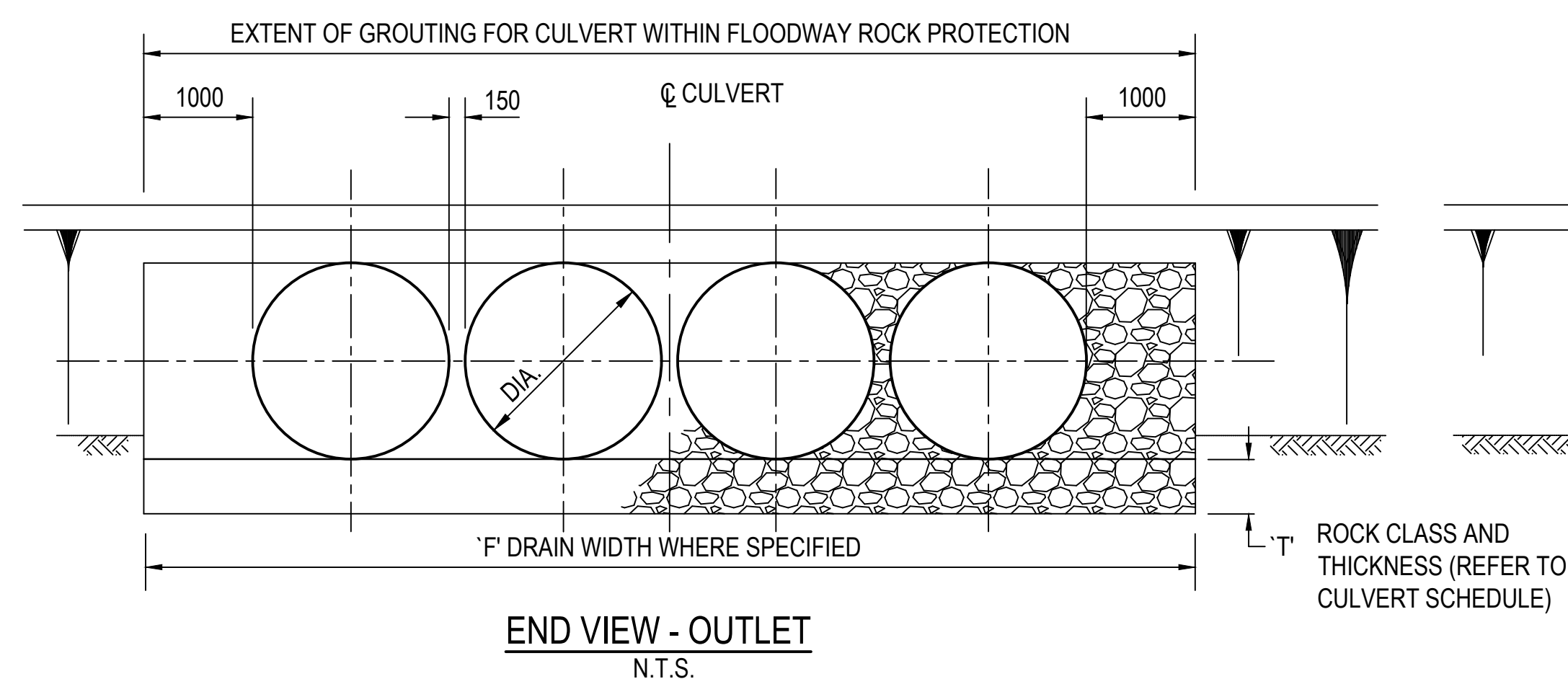
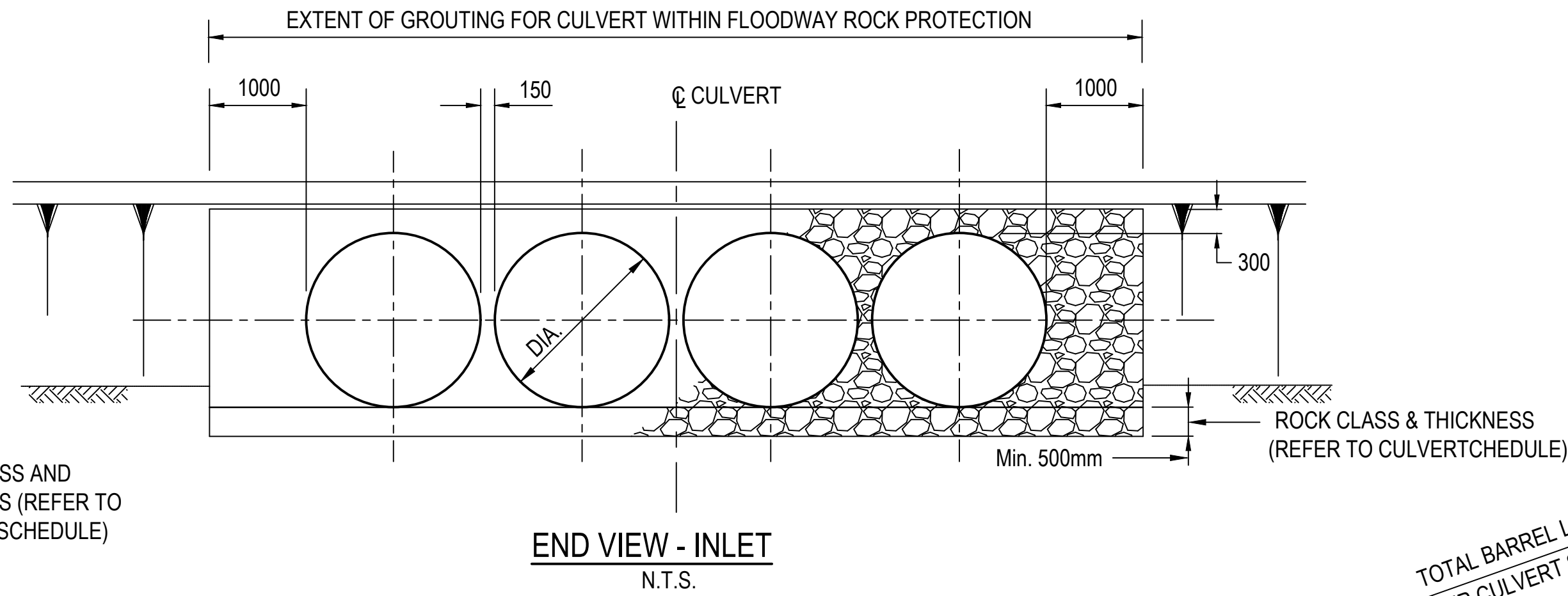




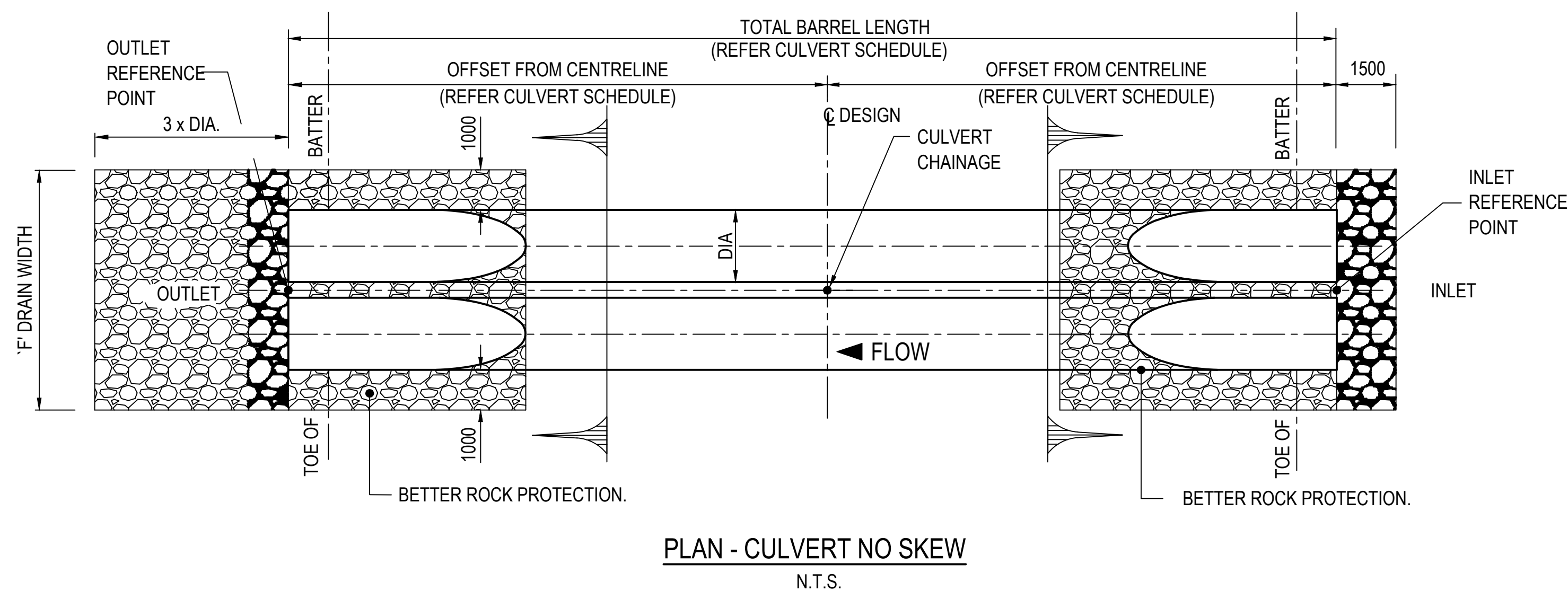
C.S.P. CULVERT - LONGITUDINAL SECTION - ENDS UNCUT
N.T.S.



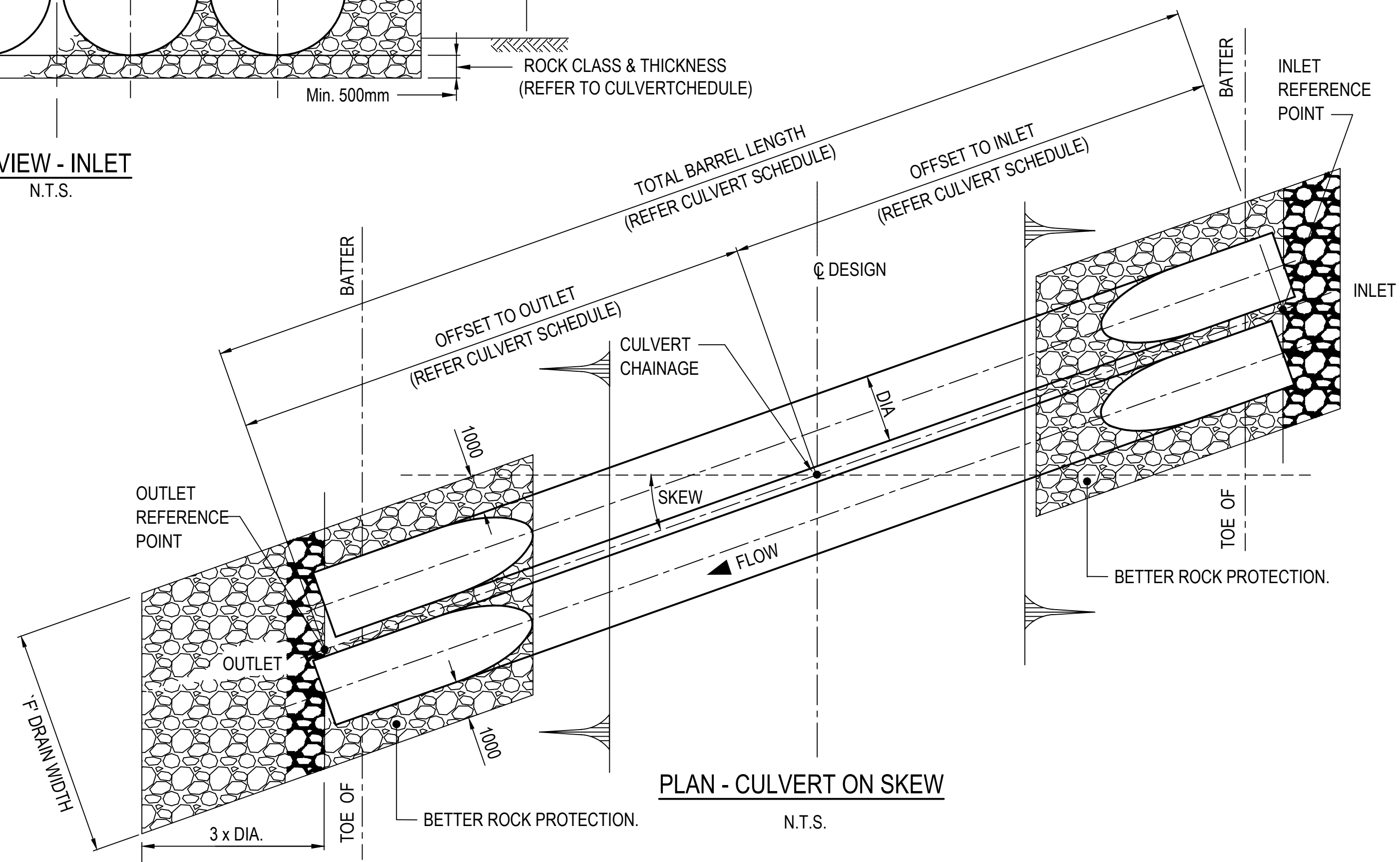
END VIEW - OUTLET
N.T.S.



END VIEW - INLET
N.T.S.



PLAN - CULVERT NO SKEW
N.T.S.



PLAN - CULVERT ON SKEW
N.T.S.

NOTE:

1. FOR ROCK CLASS GRADING REFER SPECIFICATION 406 ROCK PROTECTION.
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 200131-0062 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 GROUTED TO 300mm DEPTH.
7. INLET AND OUTLET TO BE CUT ON BEVEL WHERE SPECIFIED IN CULVERT SCHEDULE (TYP).

6	TITLE BLOCK AND FILE No. UPDATED.	C.M. 19/09/2025
5	ROAD SECTION AMENDED, TITLE BLOCK AMENDED, NOTE 6 AND 7 ADDED, MIN THICKNESS OF ROCK AT INLET LIMITED TO 500.	T.FREEMAN 22.12.17
4	ROCK PROTECTION GROUTING AMENDED	T.FREEMAN 21.9.12
No.	DESCRIPTION	APPROVED & DATE
AMENDMENTS		

6 TITLE BLOCK AND FILE No. UPDATED.
5 ROAD SECTION AMENDED; TITLE BLOCK AMENDED, NOTE 6 AND 7 ADDED, MIN THICKNESS OF ROCK AT INLET LIMITED TO 500.
4 ROCK PROTECTION GROUTING AMENDED

C.M. 19/09/2025
T.FREEMAN 22.12.17
T.FREEMAN 21.9.12



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WESTERN AUSTRALIA

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DRAWN	J. COOK/ K. KASIRI
DESIGNED	G. DE SILVA
VERIFIED	J. KARPINSKI 08.01.03
APPROVED	R. GROVE 16.01.03
FILE NO.	13/4330

STANDARD DRAWING
C.S.P. CULVERT DETAILS
MAXIMUM PIPE DIAMETER 1500
GENERAL ARRANGEMENT WITHOUT HEADWALL SHEET 3 OF 3
MRWA DRAWING NUMBER
200131-0066-6

THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRG. No. 201631-0064 AND 200131-0065

6

1:100 0 1m 2 3 4 5 6 7 8 9 10 11 12 13 14 15
1:50 0 0.5m 1 1.5 2 2.5 3 3.5 4 4.5 5 5.5 6 6.5 7 7.5
A 1