

PRECAST HEADWALL

_ WEDGE TRANSITION OVER 1M LENGTH

PIPE CULVERT OUTLET
TYPICAL SCOUR PROTECTION ARRANGEMENT

(NOT TO SCALE)

APRON STONE SIZE

CLASS 6B COARSE AGGREGATE

END OF APRON. MAKE SMOOTH

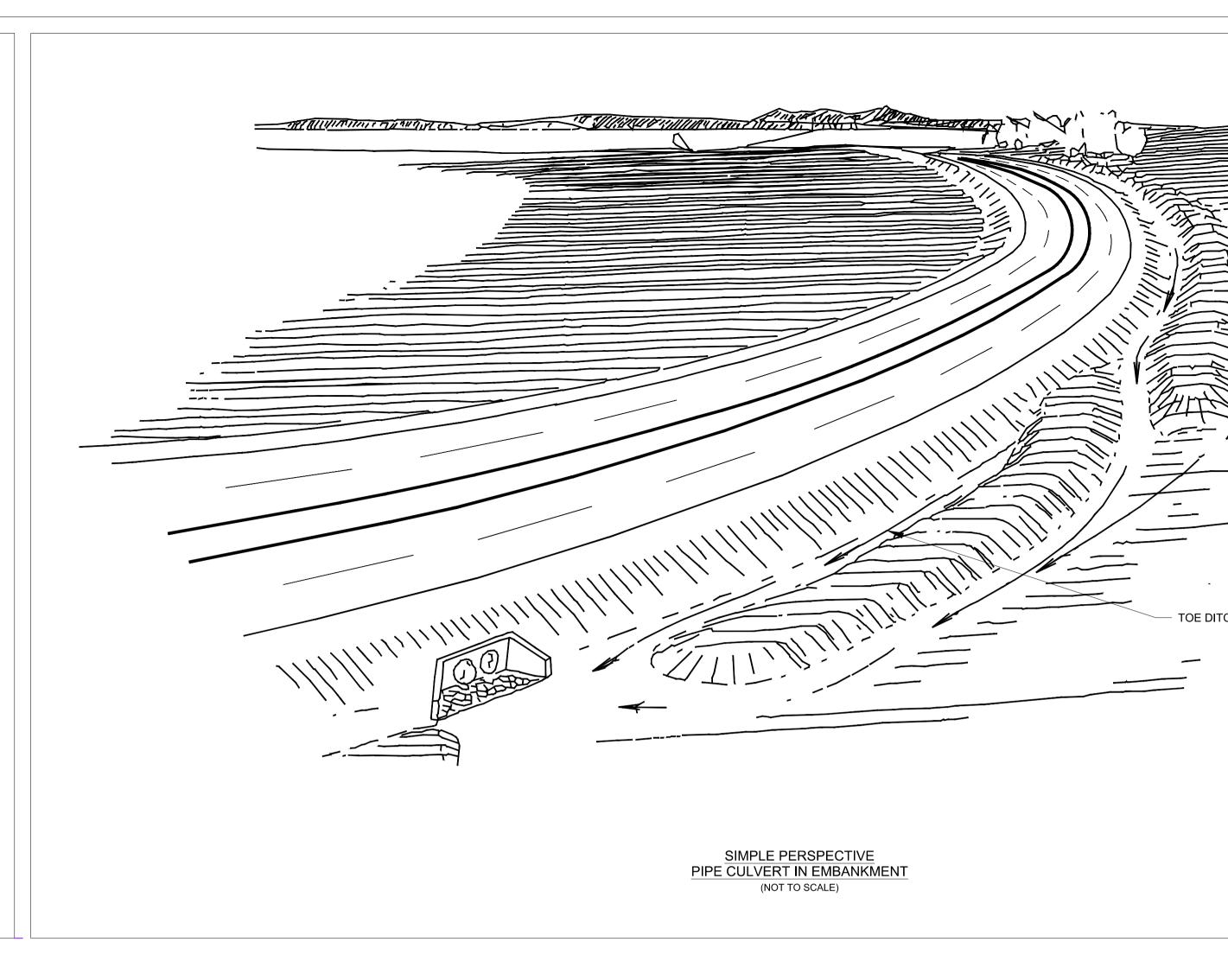
TRANSITION TO DOWNSTREAM
CHANNEL, WITH BED LEVEL
SAME AS TOP OF APRON.

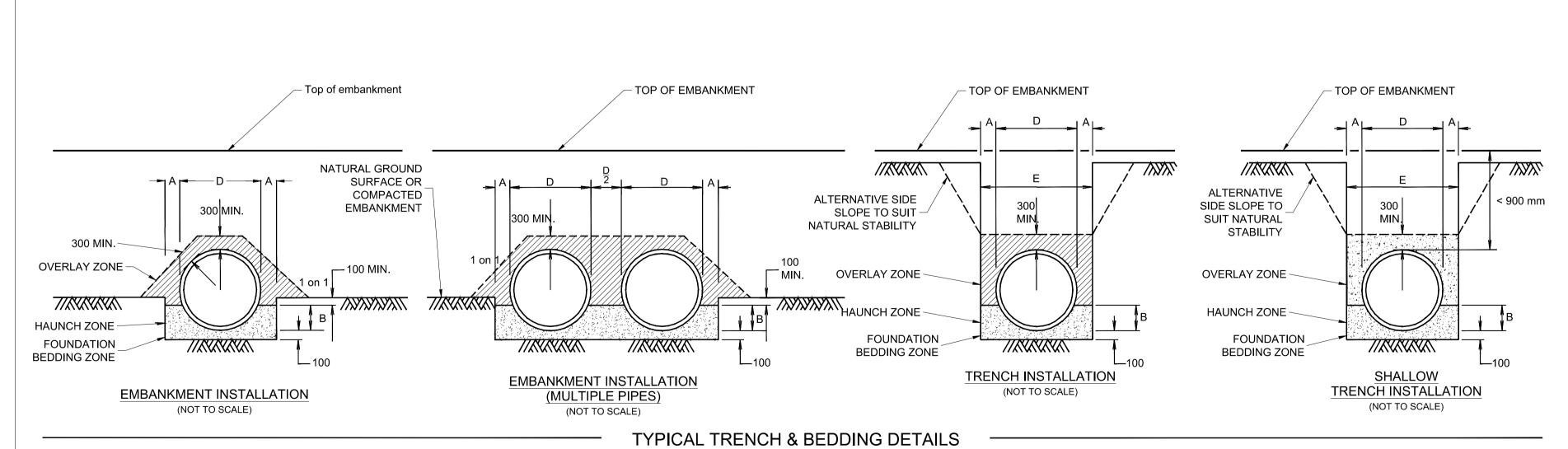
GEOTEXTILE SEPARATOR FABRIC

− D50 = 150MM

- INTERCEPTION DITCH

- 1. DESIGN SUBJECT TO CHANGE.
- 2. ALL WORKS TO BE IN ACCORDANCE WITH THE
- SPECIFICATIONS OF HIGHWAYS WORKS (SHW).
 3. "D" DENOTES EXTERNAL DIAMETER OF CULVERT.





NOMINAL INTERNAL DIAMETER, ID(mm)	MINIMUM WIDTH, A (mm)	HAUNCH DEPTH, B (mm)	MAXIMUM ALLOWABLE WIDTH, E(m) TRENCH INSTALLATION
300	300	110	1.1
375	300	135	1.2
450	300	160	1.3
525	300	180	1.5
600	300	205	1.6
750	450	255	1.8
900	450	310	1.9

KEY

- CONCRETE TO S.H.W. CLAUSE 503.3(III)
- CLASS 8 MATERIAL TO S.H.W. CLAUSE 503.3(IV)

			_	
P01	RC	GA	RB	30/03/18
P01 FIRST IS		GA	RB	30/03/18
		GA Checked	RB Approved	30/03/18 Date
FIRST IS	SSUE Drawn / Des			
FIRST IS	Drawn / Des			30/03/18 Date Suitability





∧TKINS mouchel iii

Orawing Title

FIGURE 5.15B TYPICAL PIPE CULVERT

Scale	Designed / Drawn	Checked	Approved	Authorised
AS SHOWN	RC	GA	RB	SB
Original Size	Date	Date	Date	Date
A1	30/03/18	30/03/18	30/03/18	30/03/18
Drawing Number	•	Revision		
Project	Originat	tor	Volume	
A	P01			

X_ZZZZZ_ZZ - DR - DE - 0517

Location Type Role

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