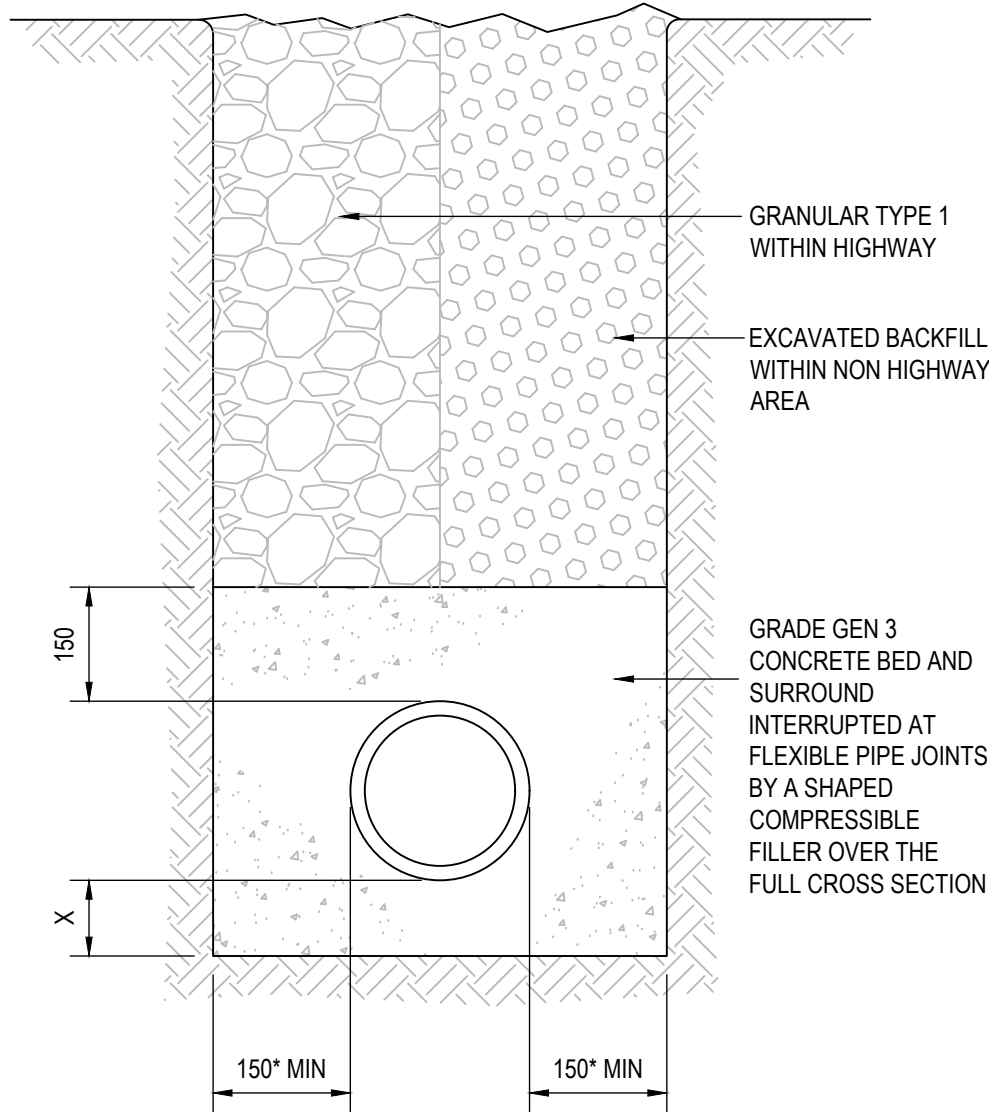
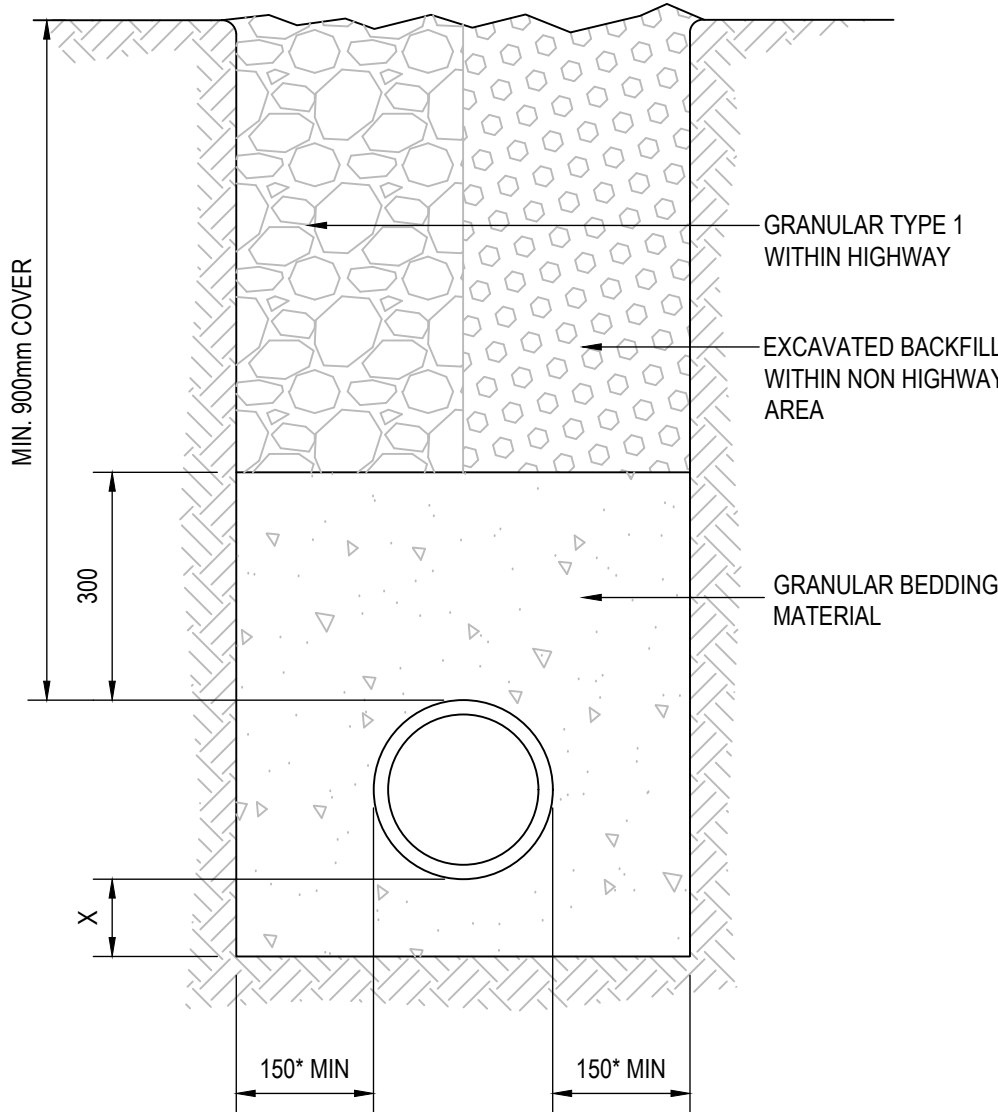


Filename: U:\333800456\01_WIP\DR_Drawing\38342-HYD-XX-XX-DR-D-0155_S278 Drainage Detail.dwg



CLASS Z CONCRETE SURROUND



CLASS S BEDDING

PIPE BEDDING DETAILS

Not to scale

NOTES:

- * = 150 FOR PIPES DIAMETER UP TO 300mm,
* = 200mm FOR PIPE DIAMETERS OVER 300mmØ

BASED ON NARROW TRENCH THEORY:
DESIGNER TO CONFIRM FOR SPECIFIC PIPELINE.
- BACKFILL MATERIAL TO BE SELECTED
EXCAVATED MATERIAL WHERE THIS MATERIAL
COMPLIES WITH CESWI. ADDITIONAL MATERIAL
TO MAKE UP ANY DEFICIENCY TO BE GRANULAR
SUB-BASE TYPE 1 UNLESS STATED OTHERWISE.
- IN WET, SOFT, OR SILTY SOILS, WHERE LATERAL
SUPPORT IS NOT OBTAINED OR WHERE FINES
MAY MIGRATE, THE GRANULAR BEDDING
MATERIAL SHALL BE SURROUNDED BY
GEOTEXTILE FABRIC WITH MIN 200 OVERLAP.
- TRENCH BACKFILL TO MEET HIGHWAY
SPECIFICATION WHEN LAID IN ROAD OR
FOOTPATH.
- REFER TO LONG SECTION DRAWINGS FOR
LOCATION OF BACKFILL TYPES.

NOMINAL BORE OF PIPE (min)	AGGREGATE SIZE (mm)	
	SINGLE SIZEDGRADED	
100	10	-
150	10 OR 14	14 TO 5
225-300	10,14 OR 20	14 TO 5 OR 20 TO 5
375-525	14 OR 20	14 TO 5 OR 20 TO 5
EXCEEDING 525	14,20 OR 40	14 TO 5 OR 20 TO 5 40 TO 5

DIM X ≥ 100mm FOR PIPES ≤ 100mmØ
DIM X ≥ 150mm FOR PIPES > 100mmØ
DIM X ≥ 200mm FOR PIPES TRENCHES IN ROCK

DO NOT SCALE

NOTES:

- THE CONTRACTOR IS TO DETERMINE THE LOCATION AND STATUS OF
ANY UTILITY APPARATUS PRIOR TO THE COMMENCEMENT OF ANY
WORKS.
- DRAWING TO BE READ IN CONJUNCTION WITH DRAWINGS:
 - D-0150: DRAINAGE & CONTOUR LAYOUT.
 - D-0151: DRAINAGE CULVERT LONG SECTION.
- TO BE READ IN CONJUNCTION WITH SPECIFICATION FOR HIGHWAY
WORKS (SHW) SERIES 500 DRAINAGE AND SERVICE DUCTS.
- GULLIES SHALL CONFORM TO CLAUSE 508 AND MAY BE EITHER
RECTANGULAR OR CIRCULAR, UNLESS EITHER IS SPECIFICALLY
REQUIRED.
- GULLY GRATING AND FRAME SHALL CONFORM TO BS.EN.124

REVISIONS

PO2	ROAD GULLY REMOVED	19/06/25	WG	RJP RJP
PO1	FIRST ISSUE	06/06/25	RJP	SW RJP
Rev.	Revision Notes	Date	Drawn By	Checked Approved



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CLIENT

EARTHLINE LTD

PROJECT

BLACKBURR FARM QUARRY

TITLE

SECTION S278 AGREEMENT
MAIN SITE ACCESS JUNCTION
DRAINAGE DETAILS

STANTEC PROJECT NO. 33800456		SCALE @ A2 1:250	
STATUS DESCRIPTION SUITABLE FOR STAGE APPROVAL			STATUS S4
DRAWING NO. 38342-HYD-XX-XX-DR-D-0155			REVISION P02