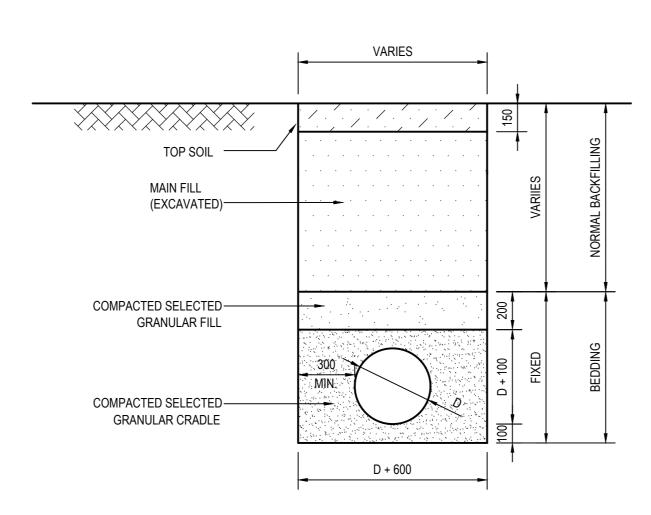
TOP SOIL ----(EXCAVATED)----SELECTED FILL BLANKET (SELECTED EXCAVATED MATERIAL)———

BED & BEDDING CRADLE

(SELECTED GRANULAR MATERIAL)——

PROPOSED TYPICAL TRENCH GEOMETRY FOR PAYMENT PURPOSES FOR PIPES > 700Ø AND ABOVE IN CLASS B BEDDING (STEEL PIPES) SCALE 1:20

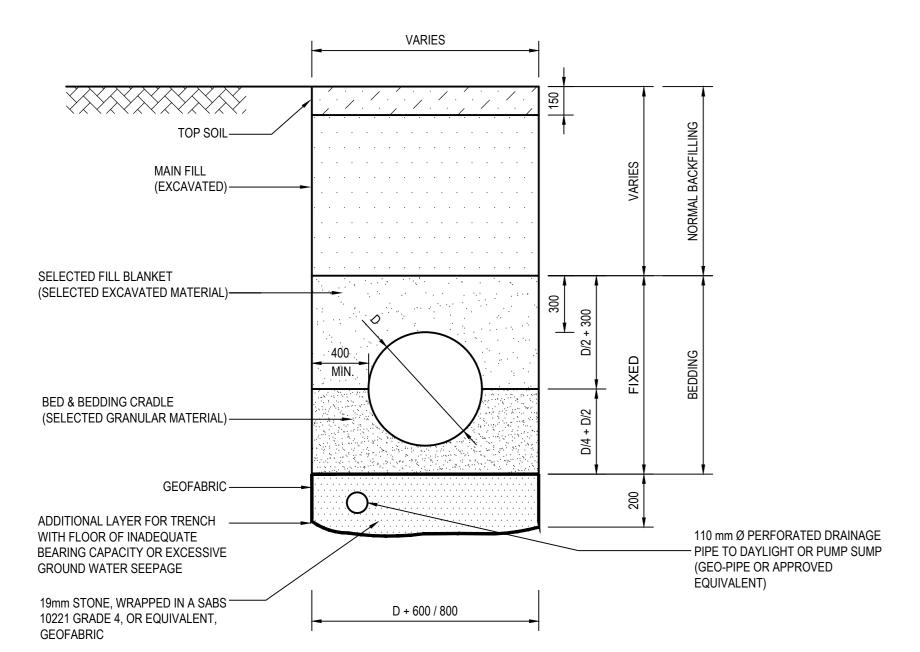
D + 600 / 800



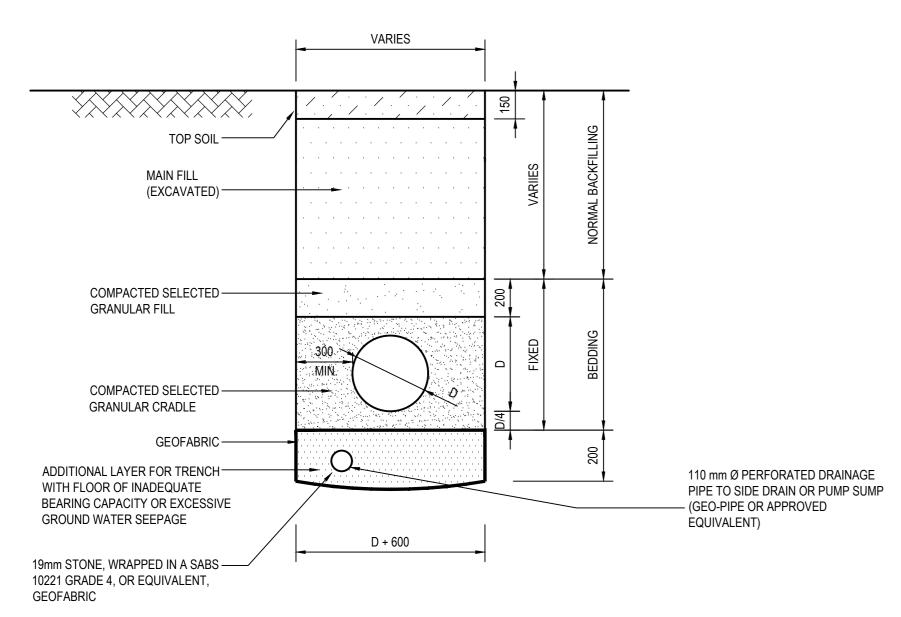
PROPOSED TYPICAL TRENCH GEOMETRY FOR PAYMENT PURPOSES IN AREAS FOR PIPES < 700Ø AND BELOW IN FLEXIBLE BEDDING (uPVC PIPES) SCALE 1:20

DRAWINGS MUST NOT BE SCALED.

- GENERAL NOTES:
- THIS DRAWING TO BE READ IN CONJUNCTION WITH THE GENERAL NOTES DRAWINGS AND ALL PROJECT SPECIFICATIONS.
- ACCORDING TO THE COPYRIGHT ACT (ACT No 98 OF 1978) NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM OR TRANSMITTED IN ANY FORM OR BY ANY MEANS WHATSOEVER INCLUDING MECHANICAL, ELECTRONIC, PHOTOCOPYING, MICROFILMING OR ANY OTHER SYSTEM OF INFORMATION STORAGE WITHOUT WRITTEN PERMISSION OF



PROPOSED TYPICAL TRENCH GEOMETRY FOR PAYMENT PURPOSES IN AREAS WITH EXCESSIVE GROUND WATER FOR PIPES > 700Ø AND ABOVE IN CLASS B BEDDING (STEEL PIPES) SCALE 1:20



PROPOSED TYPICAL TRENCH GEOMETRY FOR PAYMENT PURPOSES IN AREAS WITH EXCESSIVE GROUND WATER FOR PIPES < 700Ø AND BELOW IN FLEXIBLE BEDDING (uPVC PIPES) SCALE 1:20

T. SHABALALA AUGUST 2021 T. SHABALALA AUGUST 2021 M. LUSUNZI AUGUST 2021 AUGUST 2021 SIGNATURE DATE Johannesburg Water

CONSULTING ENGINEERS

OXFORD CORNER
JELLICOE AVENUE
ROSEBANK, JOHANNESBURG
SOUTH AFRICA

17 HARRISON STREET MARSHALLTOWN

CLIENT

CHECKED

TEL: +27 11 214 4500 ECSA REG. No.

APPROVED BY:

CHECKED BY:

ECSA REG. No.

C. KAN

SIGNATURE

DATE

17 HARRISON STREET MARSHALLTOWN

Jobourg

HALFWAY HOUSE WATER UPGRADE

TYPICAL DETAILS FOR TRENCH **EXCAVATION AND BACKFILL**

APPROVAL BY JW DEPOT			SCALE	AMENDMENTS				DRAWING No.							
CHECKED				REV:	DESCRIPTION	DATE:									
APPROVED BY:				T0	ISSUED FOR TENDER	10/2021)000 DI		N OEC	<u>_</u>		
	SIGNATURE	DATE								0000-DRG-WW-0504				T	
							PROJEC	CT No.		D	RAWING	No.		RE	V.
APPROVAL BY JW PLANNING							A0			SHEET	:ET		OF		
CHECKED											'	1	OF		1
APPROVED BY:	APPROVED BY:			ORIGINAL PAGE SIZE FILE No.											
	SIGNATURE	DATE													

BED & CRADDLE MATERIAL

FILL BLANKET MATERIAL:

> 50% BIGGER THAN 0,075mm

< 15% SMALLER THAN 0,002mm</p>

NO BOULDERS > 150mm

UPPER 150mm OF SUBGRADE

IN AREAS SUBJECT OF TRAFFIC ROADS:

EXCAVATED MATERIAL CONTAINING LITTLE OR NO ORGANIC MATERIAL

MIN. CBR OF 15% AT SPECIFIED DENSITY IF BACKFILL IS PLACED IN

MIN. CBR OF 21% IF BACKFILL IS PLACED LOWER IN SUBGRADE

MATERIAL MUST BE COMPACTED TO AVOID SETTLEMENT

• PI WEIGHTED ≤ 15

MAIN BACKFILL

LESS THAN 2% PASSING 0,075mm

 0-10% PASSING THE 1,180mm SIEVE 90-100% PASSING THE 4,475mm SIEVE