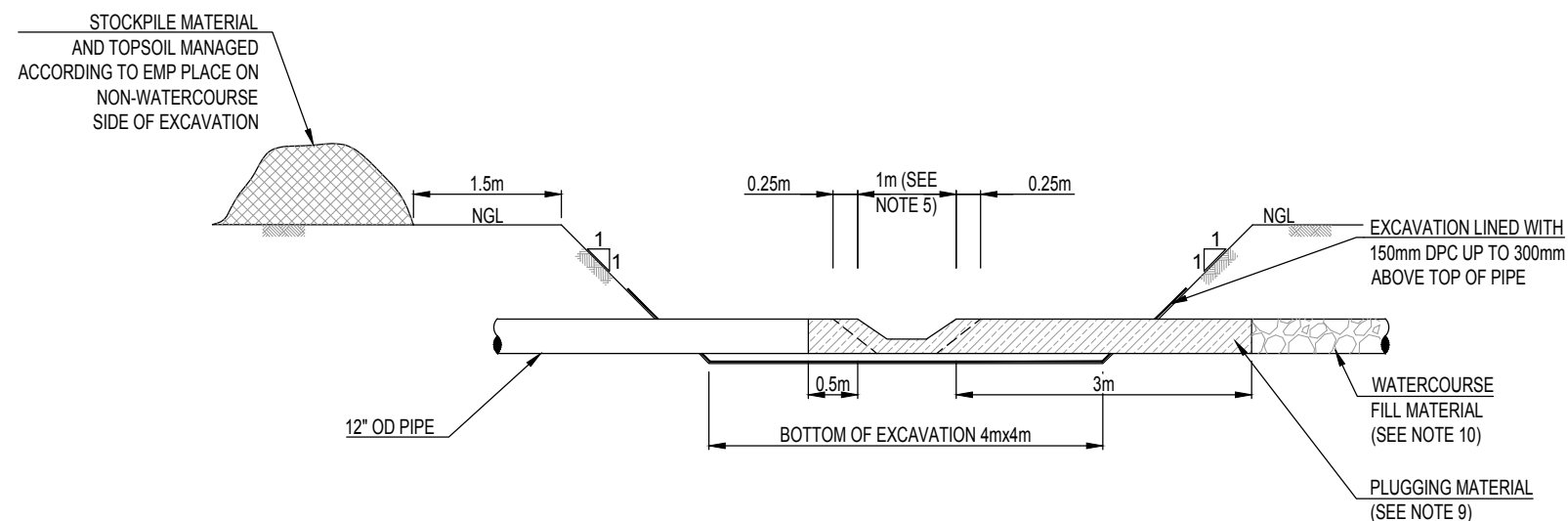
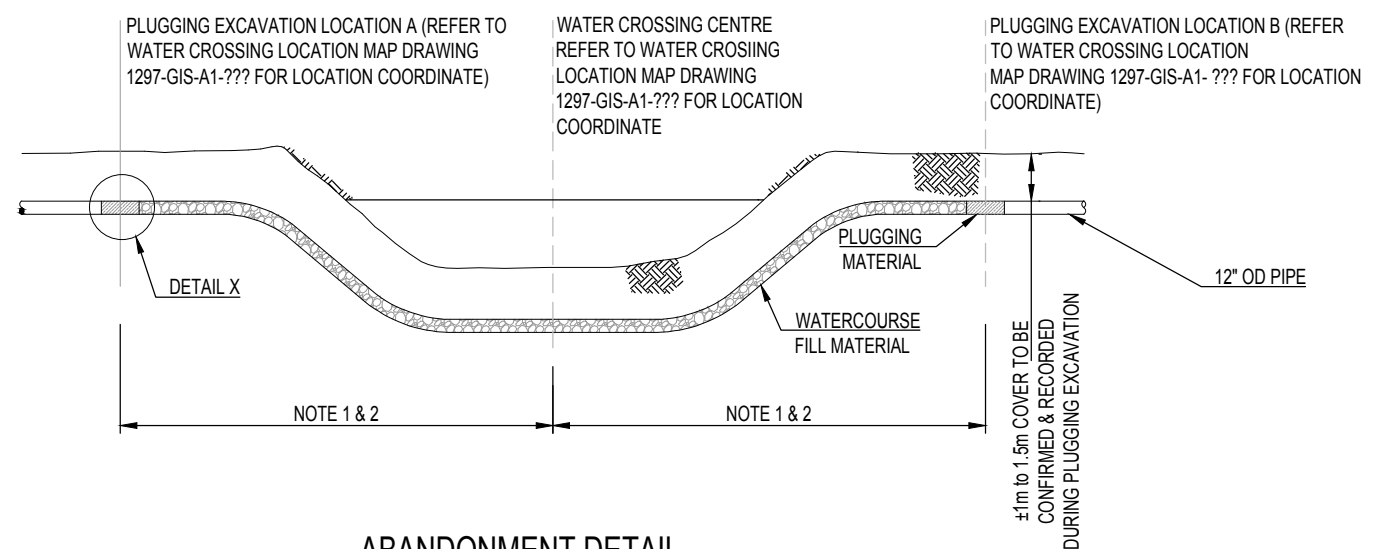


PLAN VIEW OF THE SITE  
SCALE 1:200



PLUGGING EXCAVATION DETAIL  
(DETAIL X)  
SCALE 1:75



ABANDONMENT DETAIL  
SCALE: N.T.S

NOTES:

- DISTANCE ENGINEERED TO ENSURE PLUGGING EXCAVATIONS ARE LOCATED OUTSIDE OF BOUNDARY OF WATERCOURSE AS DEFINED IN GENERAL AUTHORIZATION IN TERMS OF SECTION 39 OF THE NATIONAL WATER ACT: (ACT 36 OF 1998) FOR WATER USES AS DEFINED IN SECTION 21(C) OR SECTION 21(I). [GOVERNMENT GAZETTE 40229 (26 AUG 2016)]
- WHERE SITE SPECIFIC CONSTRAINTS DON'T ALLOW DISTANCES ACCORDING TO NOTE 1, WORK WILL BE COMPLETED IN ACCORDANCE WITH THE GENERAL AUTHORIZATION DETAILED IN ANNEXURE D.2 OF THE GOVERNMENT GAZETTE 40229.
- ALL WORKS ARE COMPLETED IN ACCORDANCE WITH THE PROJECT ENVIRONMENTAL MANAGEMENT PLAN.
- CONTRACTOR DESIGNS AND MAINTAINS SAFE ACCESS INTO EXCAVATIONS IN ACCORDANCE WITH PROJECT SPECIFICATIONS.
- REMOVE WRAPPING A MINIMUM DISTANCE OF 250mm TO OUTSIDE EDGE OF CUT-OUT, EXCESS WRAPPING MATERIAL DISPOSED IN ACCORDANCE WITH EMP.
- CUT-OUT PIPE SEGMENT DISPOSED ACCORDING TO EMP.
- SITE CLEARANCE AREA AND ESTABLISHMENT AROUND PLUGGING EXCAVATION LIMITED TO A MAXIMUM OF 300m<sup>2</sup>.
- CONTRACTOR REVIEWS AND RECORDS INTERNAL PIPE CONDITION ACCORDING TO PROJECT SPECIFICATIONS PRIOR TO PLUGGING COMMENCING.
- CONTRACTOR FILLS INTERNALS PIPE VOLUME WITH PLUGGING MATERIAL FOR MAXIMUM VOLUME DETAILED. PLUGGING MATERIAL IS PREPARED AND TESTED ACCORDING TO PROJECT SPECIFICATIONS.
- CONTRACTOR FILLS INTERNAL PIPE VOLUME BETWEEN PLUGS FOR ENTIRE DISTANCE OF CROSSING. FILL MATERIAL IS PREPARED AND TESTED ACCORDING TO PROJECT SPECIFICATIONS.
- CHANGING AND SHOWER FACILITIES ARE PROVIDED BY THE CONTRACTOR AT OFF-SITE LOCATION.
- WHERE ACCESS TO BOTH EDGES OF WATER COURSE IS EASILY ATTAINABLE ONLY ONE ESTABLISHMENT (TOILETS OR EATING FACILITY ) WILL BE ERECTED.

PROJECT:	SCALE:	CHECKED:	APPROVED:
DECOMMISSIONING OF THE DURBAN - JHB PIPELINE	AS SHOWN	L. STRAUCH	L. STRAUCH
TITLE:	PROJECT No:	DESIGN-DRAWN:	DATE:
TYPICAL WATER CROSSING ABANDONMENT AND PLUGGING EXCAVATION DETAIL	1297	M PHETWE	19-02-2019
	DRAWING No:	REV:	
	1297-C-A3-03109	B	

CONSULTANT:	REVISIONS
VGI CONSULTING (PTY) LTD	A 19-02-2019 FOR INFORMATION
www.vgi.co.za	B 18-04-2019 PLAN VIEW REVISED
e-mail: info@vgi.co.za	
Tel: +27 12 662 9140	

PROJECT NAME	DECOMMISSIONING OF DURBAN TO JHB PIPELINE
CHECKED	L. STRAUCH
APPROVED	L. STRAUCH
DATE	19-02-19 REF
SCALE	N.T.S.
DRAWING No.	PL

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DRAWING No.	PL

TRANSNET pipelines

TYPICAL WATER CROSSING ABANDONMENT & PLUGGING EXCAVATION DETAIL