



Legend

- River
- Contours
- Outflow
- Erf boundary
- Cross Sections
- 1:10 Year Floodline (No Attenuation)
- 1:50 Year Floodline (No Attenuation)
- 1:100 Year Floodline (No Attenuation)
- 1:50 Year Floodline (With Attenuation)
- 1:100 Year Floodline (With Attenuation)
- 32m Environmental Buffer

Phase I: Remedial Measures

- Non-return Valves
- Flood Protection Embankment
- Temporary Embankment
- Phala Road Crossing Upgrade

Phase II: Remedial Measures

Prison Dam Spillway & Embankment Upgrading & Repairs

- Upgraded Dam Spillway (120m x 0.75m)

Prison Dam Embankments

- 2m - 2.5m
- 3m - 3.5m
- 4.5m - 5m

CHECKING PROCESS		SIGNATURE	DATE
1. ORIGINATOR			
2. CHECKER			
3. PROJECT MANAGER			

REV	DR	CH	DATE	REVISIONS	REFERENCE DRAWINGS	NOTES	Distum: DATUM	PROJECTION	Control Method / Zone: C.M.ZONE	Copyright: All drawings are copyright protected in which we are SRK Consulting, unless otherwise agreed in writing. Drawings may not be reproduced or transmitted in any form or by any means without the prior written permission of the copyright holder.	SRK CONSULTING	Site: 47 Rynold Building, 300 The Hillside, Lynnwood 028 Pretoria	PO Box 33200, Menlo Park, 028 Pretoria	email: pretoria@srk.co.za, www.srk.co.za	Tel: +27 (0) 12 361 9821, Fax: +27 (0) 12 361 9821	CLIENT: RUSTENBURG PLATINUM MINES	PROJECT: BOITEKONG EXTENSION 15 MASTER DRAINAGE PLAN: PROPOSED REMEDIAL MEASURES (PHASE I & PHASE II)	ISSUED FOR REPORT PURPOSES

J:\proj\438209_Boitekong_FMP\GIS\PROJ\AMC\2020\011\Dam_wat_embankment_L1\as2.mxd