



STATISTICS: TIERHOEK DAM 1	
Wall crest level -80% representative crest level (msl)	: ±773.15
Wall crest width -vary (m)	: 3.40 - 4.40
Wall crest length (m)	: ±472.0
Lowest ground level at embankment toe (msl)	: ±756.00
Maximum wall height (m)	: ±17.00
Upstream slope (1:)	: ±2.50
Downstream slope (1:)	: ±1.50
Embankment earthfill: cut-off trench excl. (m³)	: ±143 000
Full supply level (msl)	: ±772.15
Total freeboard (m)	: ±1.00
Netto storage capacity (m³)	: 276 000
Flooded area (ha)	: ±4.40
Spillway crest width (m)	: 4.50
Dam footprint area (ha)	: ±5.40

STATISTICS: TIERHOEK DAM 2	
Wall crest level -80% representative crest level (msl)	: ±752.45
Wall crest width -vary (m)	: 3.60 - 5.30
Wall crest length (m)	: ±370.0
Lowest ground level at embankment toe (msl)	: ±739.15
Maximum wall height (m)	: ±13.30
Upstream slope (1:)	: ±2.8
Downstream slope (1:)	: ±1.6
Embankment earthfill: cut-off trench excl. (m³)	: ±52 000
Full supply level (msl)	: ±751.65
Total freeboard (m)	: ±0.80
Netto storage capacity (m³)	: 207 000
Flooded area (ha)	: ±3.30
Spillway crest width (m)	: 5.80
Dam footprint area (ha)	: ±4.00

REVISION			

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DRAWN	DATE	SCALE	SHEET
SC Hartzberg	OCT. 2018	1 : 2000	1 of 1
SURVEYED	DESIGNED	DWG. NR.	REV.
SC Hartzberg	Sarel Bester Engineers	1778-S3-05	

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PROJECT:
 TIERHOEK DAM 1 & DAM 2 ON THE FARM
 WILDSCUTSKRAAL 372, PTN 3, KNOWN AS
 PAARDEKOP, CLANWILLIAM RD

DETAIL:
 Contour Plan (Aerial Photo)