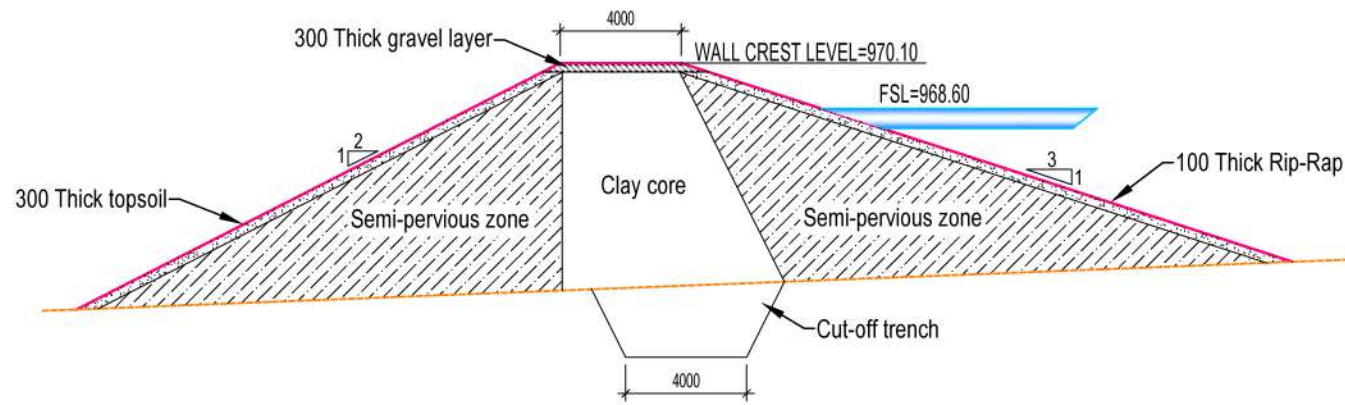
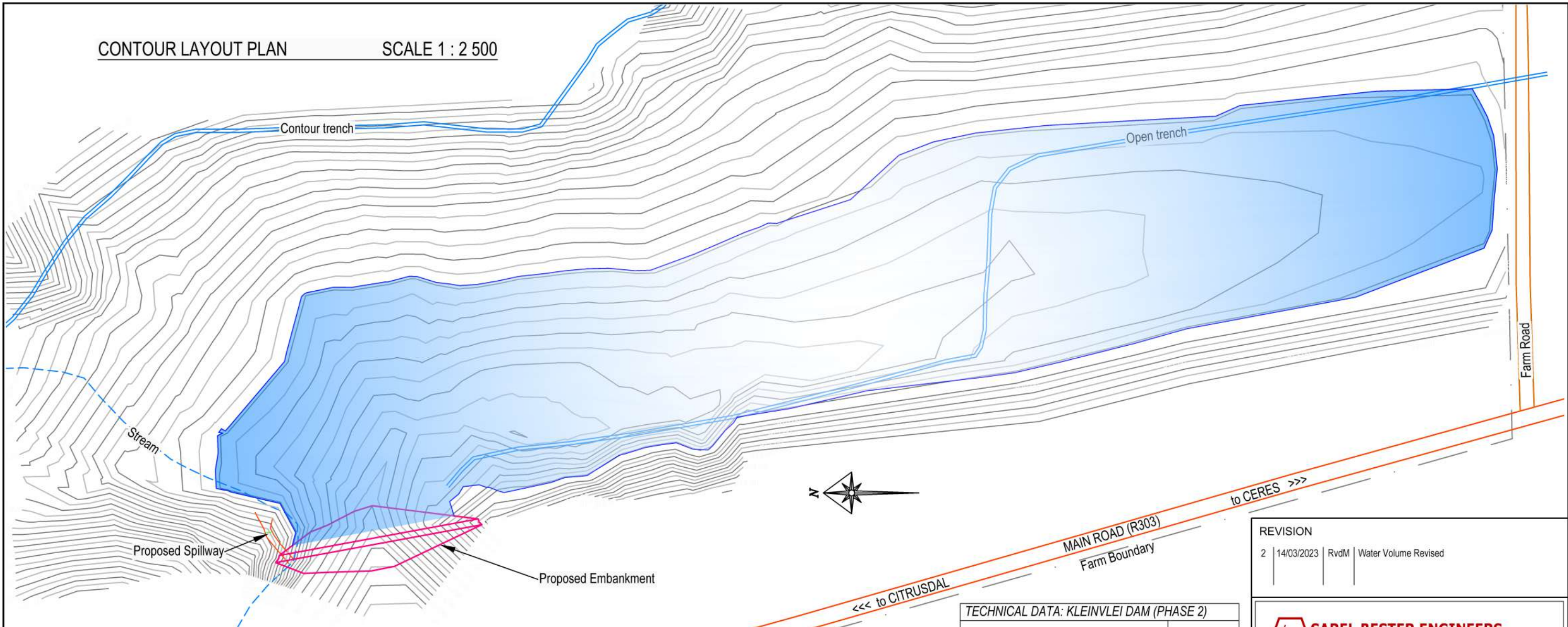
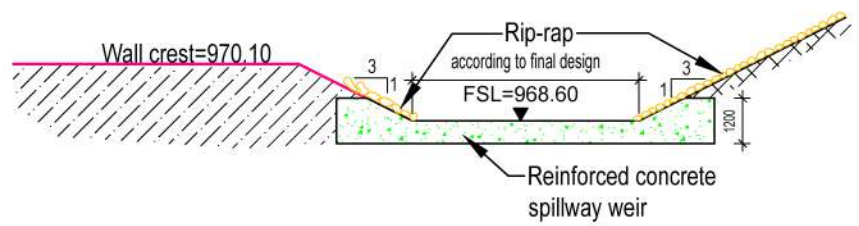


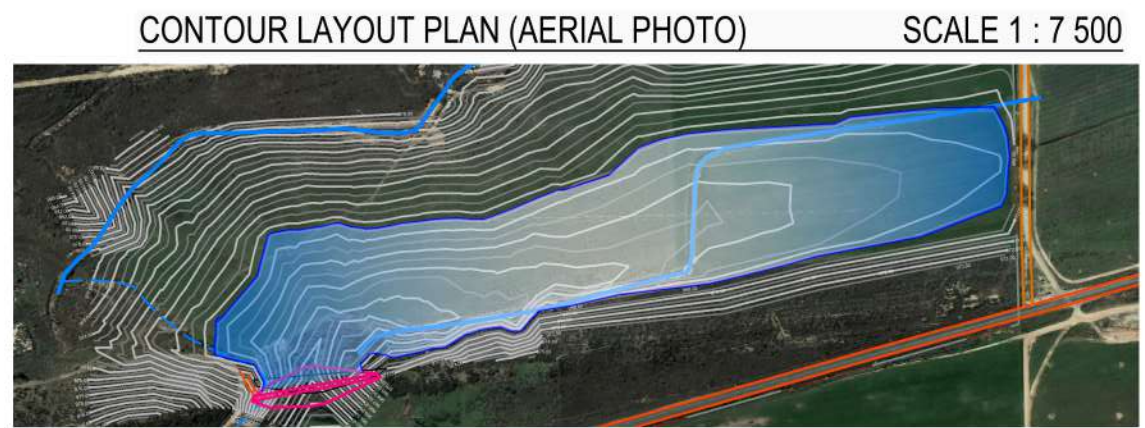
CONTOUR LAYOUT PLAN SCALE 1 : 2 500



TYPICAL EMBANKMENT CROSS SECTION SCALE 1:250



SPILLWAY SECTION SCALE 1:200



CONTOUR LAYOUT PLAN (AERIAL PHOTO) SCALE 1 : 7 500

TECHNICAL DATA: KLEINVLEI DAM (PHASE 2)

Wall crest width (m)	4.00
Wall crest level (msl)	970.10
Lowest groundlevel D/S (msl)	962.30
Maximum wall height (m)	7.80
Wall crest length (m)	130.00
Upstream slope	1: 3.00
Downstream slope	1: 2.00
Earthfill -cut-off trench excluded (m³)	9 570
Total earthfill (m³)	11 984
Full supply level (msl)	968.60
Total freeboard (m)	1.50
Netto storage capacity (m³)	±176 840
Flooded area (ha)	±10.47
Dam footprint area (ha)	±10.80
Spillway crest length (m)	--

REVISION

2	14/03/2023	RvdM	Water Volume Revised
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**SAREL BESTER ENGINEERS**  
 Consulting Civil Engineers  
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..... Date: 14/3/2023  
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PROPOSED KLEINVLEI DAM ON THE FARM  
 DE HOEK, KOUEBOKKEVELD, CERES

Proposed Contour Layout Plan, Aerial Photo,  
 Embankment & Spillway Cross Sections

DRAWN R van der Merwe SC Hartzenberg	DATE MAR. 2023	SCALE as shown	SHEET 1 of 1
SURVEYED R van der Merwe SC Hartzenberg	DESIGNED Sarel Bester Engineers	DWG. NUMBER 1921-S2-01	REV. 2