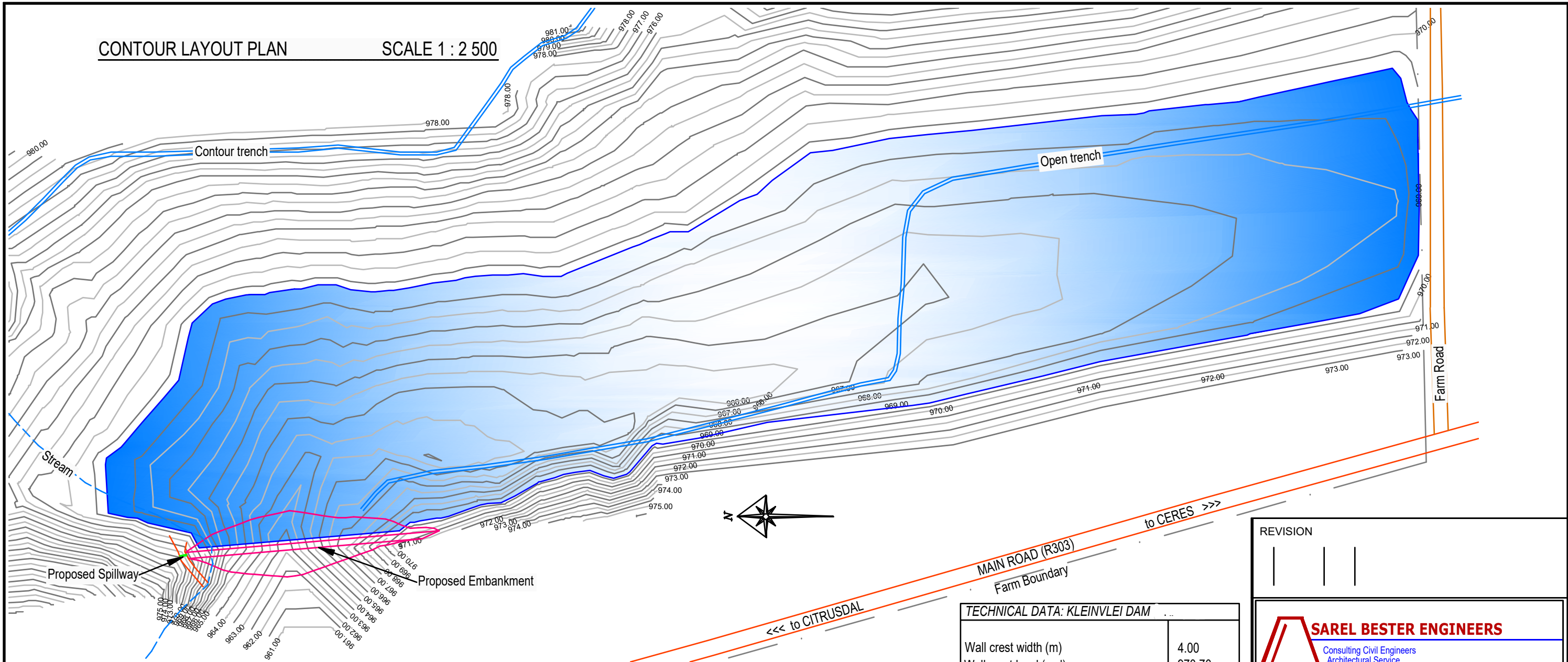


CONTOUR LAYOUT PLAN

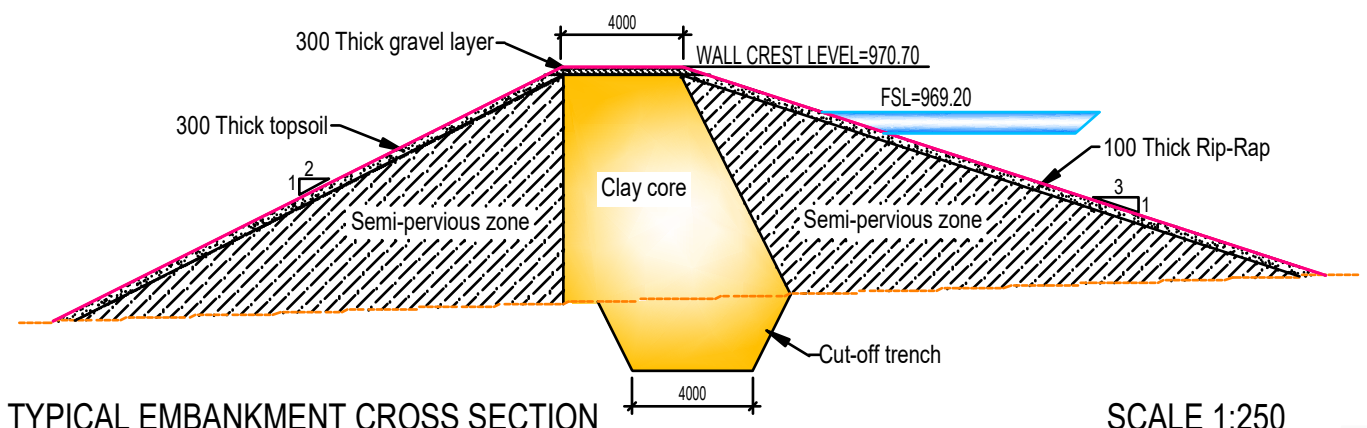
SCALE 1 : 2 500



Proposed Spillway Proposed Embankment

**TECHNICAL DATA: KLEINVLEI DAM**

Wall crest width (m)	4.00
Wall crest level (msl)	970.70
Lowest groundlevel D/S (msl)	962.30
Maximum wall height (m)	8.40
Wall crest length (m)	154.30
Upstream slope	1: 3.00
Downstream slope	1: 2.00
Earthfill -cut-off trench excluded (m³)	10 400
Total earthfill (m³)	13 300
Full supply level (msl)	969.20
Total freeboard (m)	1.50
Netto storage capacity (m³)	±235 000
Flooded area (ha)	±12.00
Dam footprint area (ha)	±13.00
Spillway crest length (m)	--

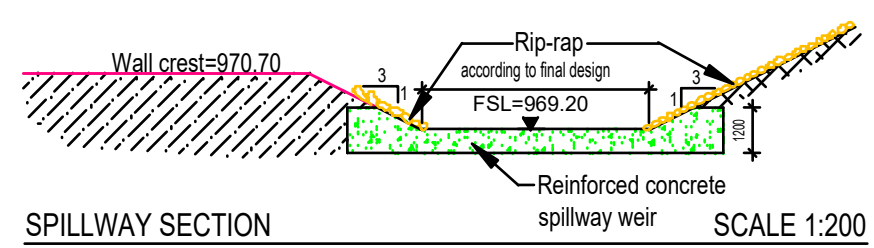
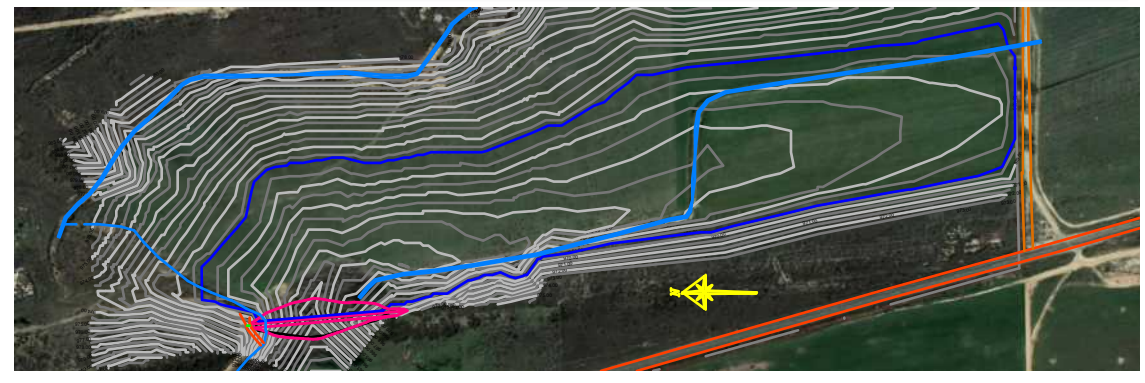


TYPICAL EMBANKMENT CROSS SECTION

SCALE 1:250

CONTOUR LAYOUT PLAN (AERIAL PHOTO)

SCALE 1 : 7 500



SPILLWAY SECTION

SCALE 1:200

REVISION

--	--	--

**SAREL BESTER ENGINEERS**  
 Consulting Civil Engineers  
 Architectural Service

Date: 12/12/2019

MC BESTER  
 Pr. Eng., B.Eng., MSAICE:970598, SACAP:T1218  
 P.O. Box 21 Ph: 023-312 2017  
 62 Lyell Street Fax: 023-312 3802  
 CERES, 6835 e-mail: admin@sbri.co.za

Howbill Farming (Pty) Ltd  
 P.O. Box 146  
 CERES  
 6835

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 DEC. 2019	SCALE as shown	SHEET 1 of 1
SURVEYED R van der Merwe SC Hartzenberg	DESIGNED Sarel Bester Engineers	DWG. NUMBER 1921-S2-01	REV.