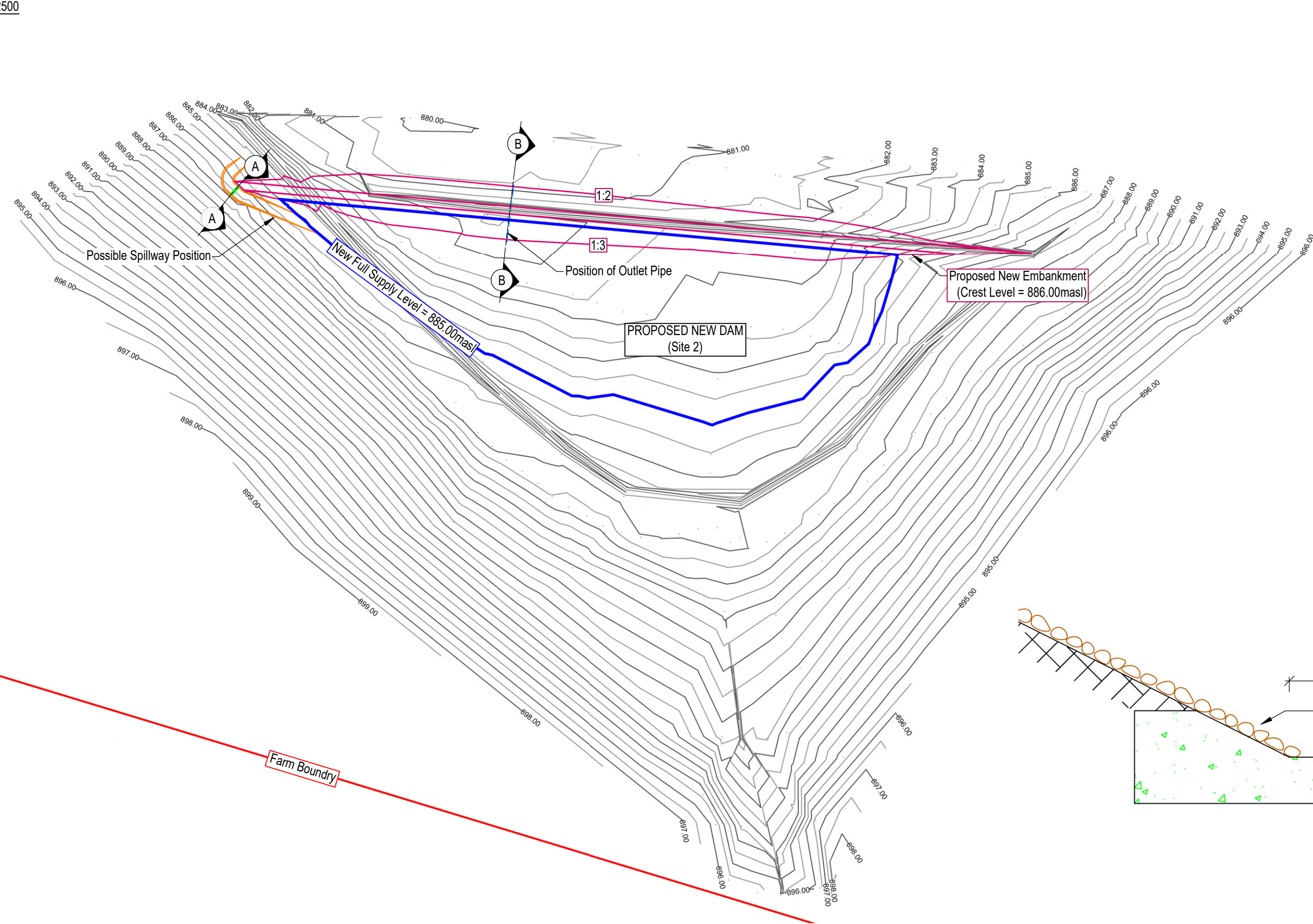
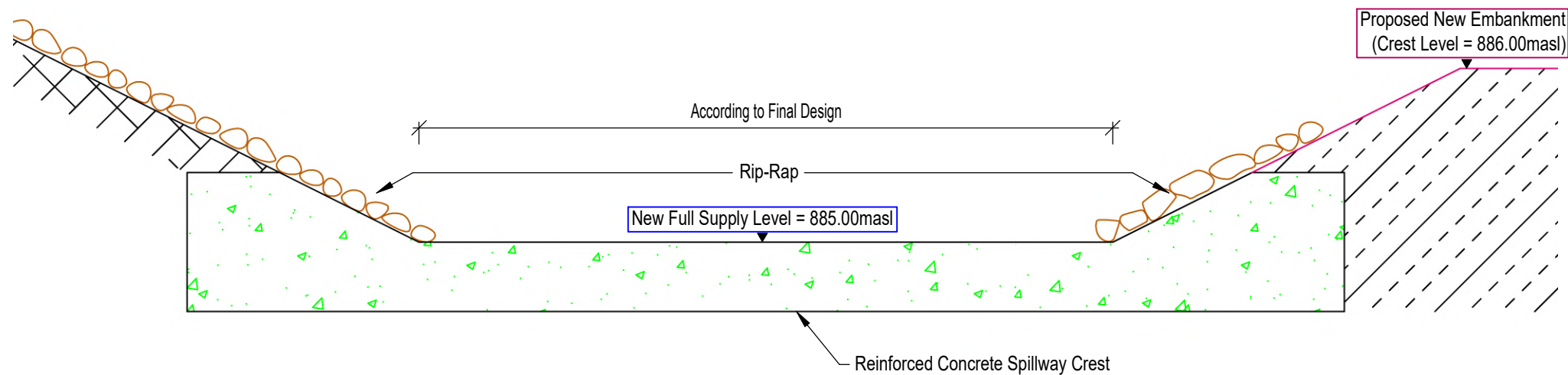


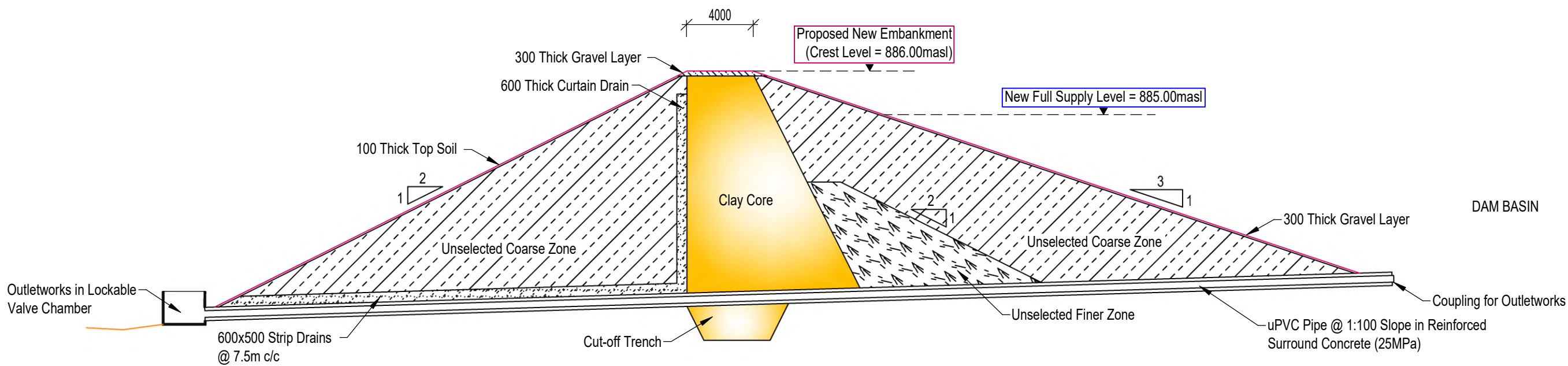


TECHNICAL INFORMATION: DAM 2 (SITE 2)	
Wall crest level	: 886.00 masl
Wall crest width	: 4.00 m
Wall crest length	: 392.60 m
Lowest ground level at embankment toe	: 880.60 masl
Maximum wall height	: 5.40 m
Upstream slope	1V : 3.00 H
Downstream slope	1V : 2.00 H
Embankment earthfill: cut-off trench excl.	: ±16 900 m³
Total estimated earthfill	: ±23 400 m³
Full supply level	: 885.00 masl
Total freeboard	: 1.00 m
Netto storage capacity	: ±45 200 m³
Flooded area	: ±2.10 ha
Dam footprint area	: ±2.70 ha

TYPICAL SECTION THROUGH SECTION (B-B)
SCALE 1:50



TYPICAL SECTION THROUGH EMBANKMENT (A-A)
SCALE 1:100



REVISION



SAREL BESTER ENGINEERS CC

Consulting Civil Engineers

Architectural Services

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Date: 11/11/2024

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PROJECT:

PROPOSED NEW DAM

ON FARM 202 PORTION 5, CERES DISTRICT

DETAIL:

Contour Plan, Embankment Cross Section &

Spillway Section

DRAWN	DATE	SCALE	SHEET
R van der Merwe	NOV. 2024	as shown	3
SURVEYED	DESIGNED	DWG. NUMBER	REV.
R van der Merwe	Sarel Bester	2235-S2-03	
D La Meyer	Engineers		
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