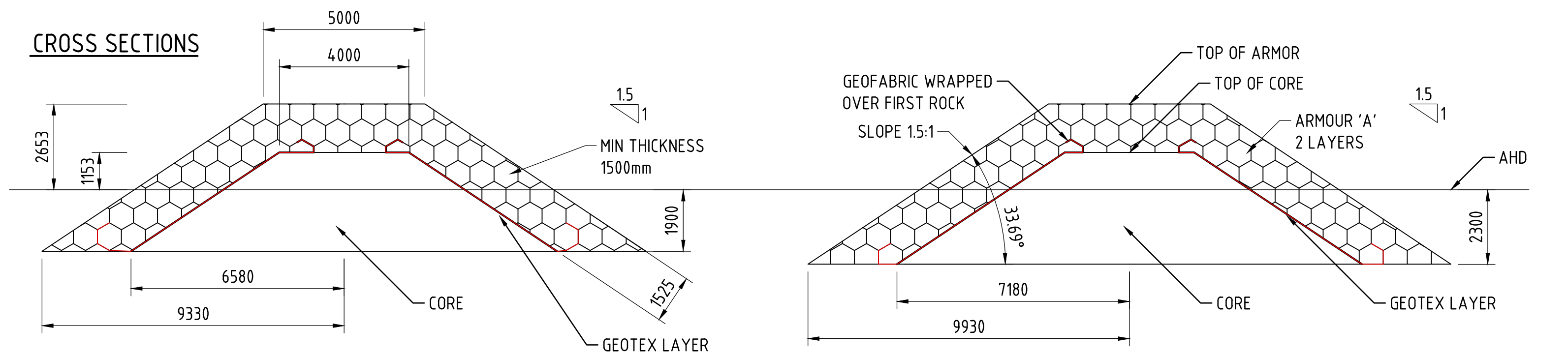
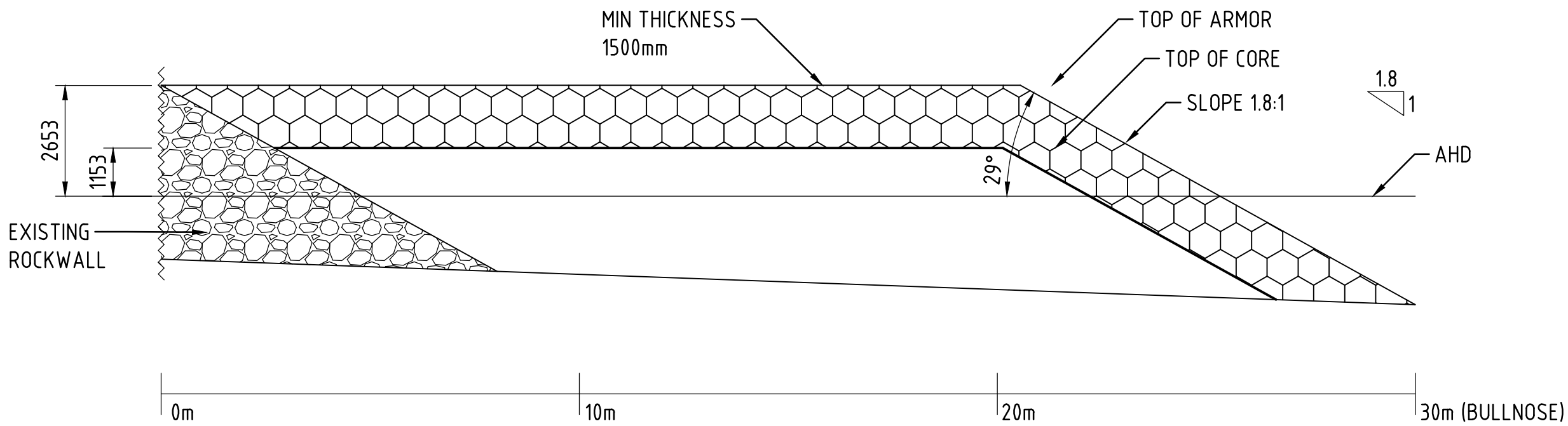




CHAINAGE 0-10m	
X-SECTION	54m ²
ARMOR VOL	277m ³
CORE VOL	262m ³

CHAINAGE 10-20m	
X-SECTION	62m ²
ARMOR VOL	299m ³
CORE VOL	317m ³

LONGITUDINAL SECTION



BIRDS EYE VIEW

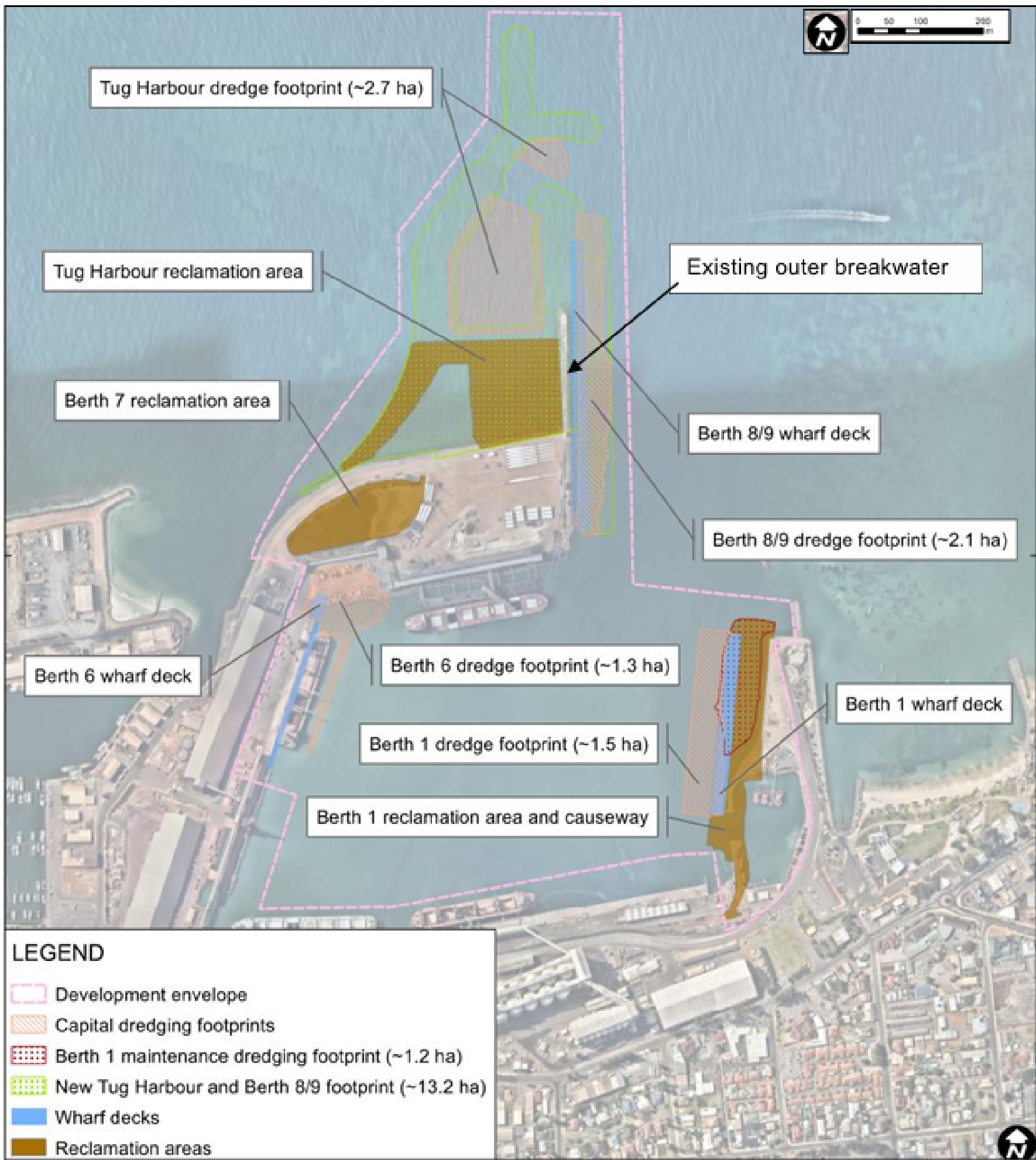
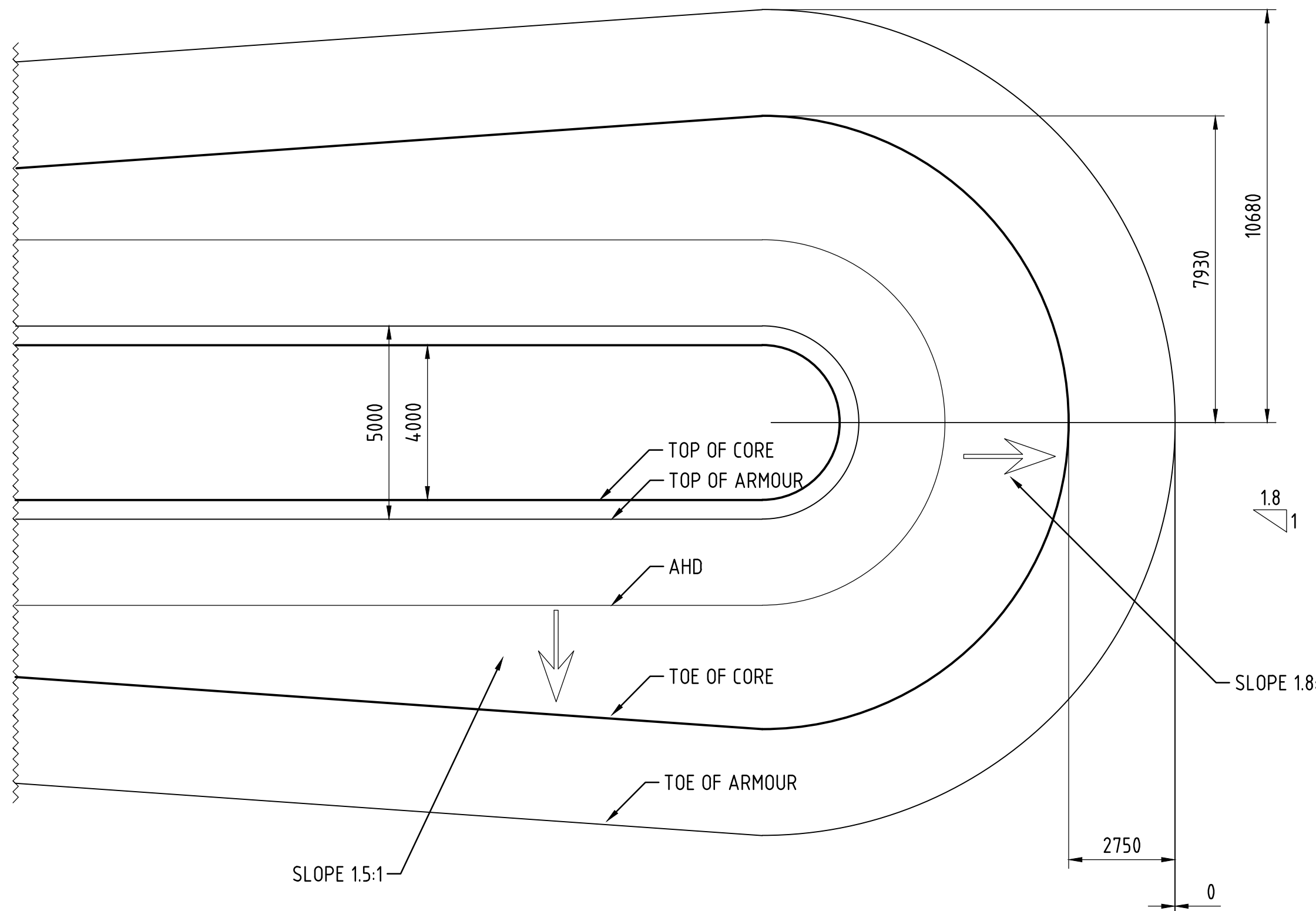


Figure 3.1 PMaxP Layout (SLR 2024)

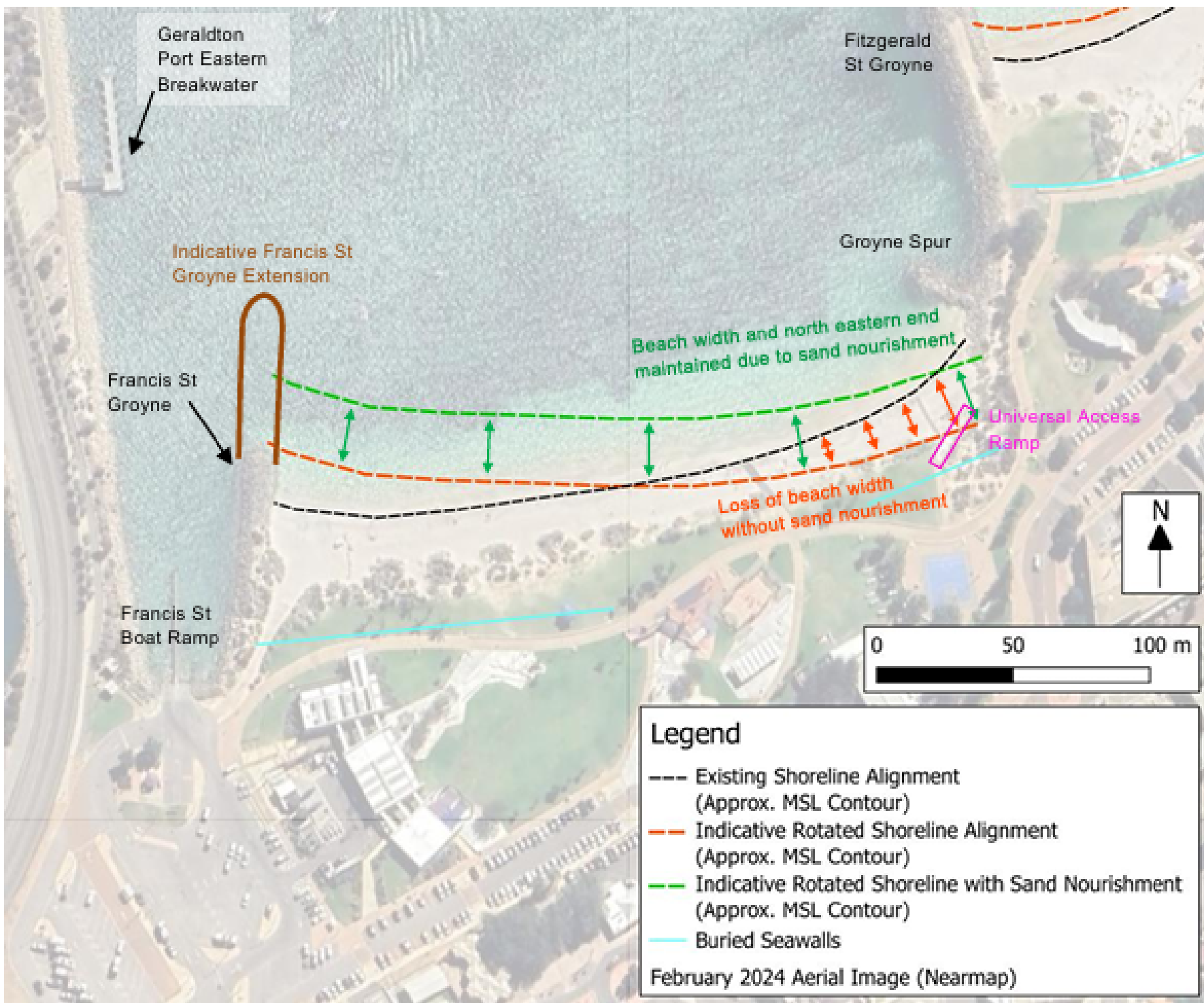


Figure 5.1 Indicative Example of Shoreline Rotation, Sand Nourishment & Groyne Extension for the South Western Beach Compartment

PROPERTIES OF ARMOR	
ARMOR	TYPE A
MATERIAL	GRANITE
UNIT WT (t/m ²)	2.65
W50 (t)	1.0
WMIN (t)	0.5
WMAX (t)	2.0
W15 - W85 (t)	0.62 - 1.62

PROPERTIES OF CORE	
D50 (m)	0.25
D15 - D85 (m)	0.1 - 0.4

BULLNOSE	
ARMOR VOL	232m ³
CORE VOL	150m ³

GEOTEXTILE	
TOTAL AREA	326m ²
TOTAL AREA +15%	375m ²

TOTAL CHAINAGE 0-20m	
X-SECTION	VARIES
ARMOR VOL	807m ³
CORE VOL	729m ³

VERTICAL DATUM = AHD

						MWPA PROJECT No:				 MID WEST PORTS AUTHORITY 298 Marine Terrace, GERALDTON 6530 Tel: +61 8 9964 0520 www.midwestports.com.au		GERALDTON PORT								
D	9.06.2026	ADJUSTED GEOTEXTILE ABOVE CORE		TA	WG	DESIGNED		W. GREENAWAY	DESIGN CHECK			FRANCIS STREET								
C	15.05.2026	UPDATED SIZE VALUES		TA	WG	DRAWN		T. ARMSTRONG	CHECKED			GROYNE EXTENSION - 30m								
B	21.04.2026	ADJUSTED LENGTH AND SLOPE		TA	WG	ENGINEER			APPROVED			W. GREENAWAY	ARMOUR AND DIMENSIONS							
A	06.03.2026	ISSUED FOR INFORMATION		TA	WG															
REV	DATE	DESCRIPTION		DRN	APP	DRAWING No.		DRAWING TITLE		This drawing and all the information thereon remains the property of the Mid West Ports Authority and shall be returned on demand. It is issued on the condition that, except with written permission, it must not be reproduced, copied or communicated to any other party, nor used for any other purpose than that stated on the particular order, enquiry, or contract with which it was issued.										
REVISIONS						REFERENCE DRAWINGS						SCALE		A1 - NTS	DRG No.		010-C-0039	REV.		D