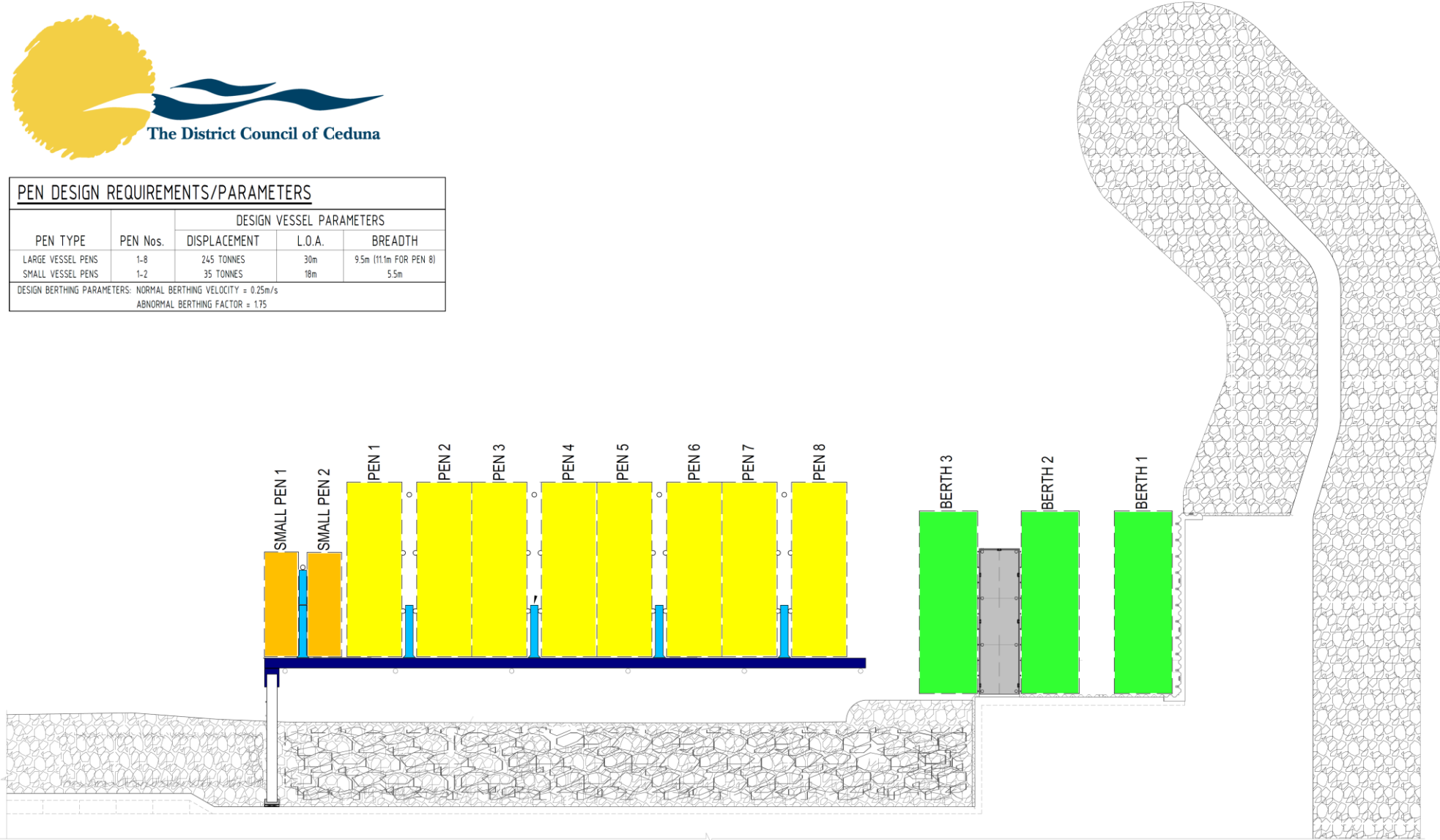


# ANNEXURE B



PEN DESIGN REQUIREMENTS/PARAMETERS				
PEN TYPE	PEN Nos.	DESIGN VESSEL PARAMETERS		
		DISPLACEMENT	L.O.A.	BREADTH
LARGE VESSEL PENS	1-8	245 TONNES	30m	9.5m (11.1m FOR PEN 8)
SMALL VESSEL PENS	1-2	35 TONNES	18m	5.5m

DESIGN BERTHING PARAMETERS: NORMAL BERTHING VELOCITY = 0.25m/s  
ABNORMAL BERTHING FACTOR = 1.75



Thevenard Marina Facility - Marina Pen and Wharf Berth Plan