



SEAWALL STANDARD SECTIONS

- GENERAL NOTES**
- THE STANDARD DESIGN IS APPLICABLE TO OPEN COAST CONDITION AS AN EROSION CONTROL STRUCTURE AGAINST WAVE IMPACT. CURRENT ATTACK, COASTAL INUNDATION TO BE CONSIDERED SEPARATELY.
 - THE SEAWALL IS TO BE DESIGNED IN A MANNER CONSISTENT WITH THE ACHIEVEMENT OF RELEVANT OUTCOMES OF THE SUNSHINE COAST PLANNING SCHEME, INCLUDING THE COASTAL HAZARDS OVERLAY CODE, FLOOD HAZARD OVERLAY CODE AND STORMWATER MANAGEMENT CODE.
 - TIDAL RANGE SHOWN INDICATIVELY. ACTUAL SITE SPECIFIC TIDAL RANGE TO BE PRESENTED.
 - ALL OTHER STRUCTURES SHALL BE SET BACK IN COMPLIANCE WITH THE PLANNING SCHEME.
 - BASEMENTS MAY BE ALLOWED TO PROTRUDE UP TO THE GEOTEXTILE LAYER ONLY. BASEMENT SHALL BE DESIGNED TO WITHSTAND ALL LOADS GENERATED DURING THE MAINTENANCE OF THE WALL AND MAY INCLUDE WALL CONSTRUCTION TRAFFIC IF SEAWALL WORKS SEQUENCED AFTER BASEMENT.

- SEAWALL NOTES**
- DESIGN LIFE OF SEAWALL TO BE THE MAXIMUM OF:
 - 50 YEARS
 - THE DESIGN LIFE OF THE PROPOSED DEVELOPMENT.
 - PRIMARY ARMOUR OF M50 = 5000kg DEEMED TO COMPLY, ACCEPTANCE OF REDUCED M50 POSSIBLE IF ADEQUATELY JUSTIFIED IN COASTAL HAZARD RISK ASSESSMENT, HOWEVER MINIMUM M50 REQUIRED TO BE > 400kg FOR PRIMARY ARMOUR.
 - LAYER THICKNESS COEFFICIENT (K_i) SUBJECT TO CONSTRUCTION METHOD AND PACKING STANDARD, TO BE PROJECT SPECIFIC.
 - TOE LEVEL -2mAHD ON SANDY FORESHORE DEEMED TO COMPLY. ACCEPTANCE OF HIGHER TOE LEVEL POSSIBLE IF ADEQUATELY JUSTIFIED IN COASTAL HAZARD RISK ASSESSMENT.
 - CREST LEVEL TO BE SPECIFIED BY THE COASTAL ENGINEER COMPLETING THE SITE BASED COASTAL HAZARD RISK ASSESSMENT.
 - WALL GLOBAL STABILITY TO BE CONFIRMED BY GEOTECHNICAL ENGINEER. MINIMUM FACTOR OF SAFETY TO BE:
 - LONG-TERM CONDITIONS - FOS 1.5
 - SHORT-TERM CONDITIONS - FOS 1.3
 - EARTHQUAKE HAZARD CONDITIONS - FOS 1.1

- CONSTRUCTION NOTES**
- SAND SHALL BE WASHED INTO BURIED SEAWALL TO FILL THE VOIDS BETWEEN BOULDERS AT THE CONCLUSION OF THE ROCK WORK. ANY EXCESS SAND FROM EXCAVATIONS MUST BE SCREENED AND PLACED ON FORESHORE.
 - ALL SAND TO BE SIEVED PRIOR TO REDISTRIBUTION SUCH THAT NO SEDIMENT OTHER THAN SAND (I.E. GRAVELS OR SILTS) IS PLACED ON THE BEACH.
 - CONSTRUCTION AND MAINTENANCE OF THE SEAWALL IS THE RESPONSIBILITY OF PROPERTY OWNER AND IS TO BE AT NO COST TO COUNCIL. A COASTAL HAZARD EASEMENT MUST BE REGISTERED OVER THE SEAWALL.
 - TEMPORARY WORKS MAY ONLY EXTEND OUTSIDE THE LOT BOUNDARY FOLLOWING APPROVAL FROM COUNCIL AND LODGMENT OF BOND. ALL DISTURBANCE MUST BE REINSTATED POST CONSTRUCTION. ANY DAMAGE TO FLORA AND FAUNA OR PERMANENT DISTURBANCE MAY RESULT IN A FINE.

2.5	2.0	1.5	1.0	0.5	0	1	2	3
SCALE 1:50 (m)								
C03	MINOR AMEUREMENT	31/05/24	KJP	CY	BL	DR		
C02	MINOR AMEUREMENT	28/05/24	KJP	CY	BL	DR		
C01	FOR APPROVAL	17/05/24	KJP	CY	BL	DR		
02	FOR REVIEW	03/05/24	KJP	XX	XX	XX		
01	FOR REVIEW	26/04/24	KJP	XX	XX	XX		
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Supplier

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2024s0610 - SCC - COASTAL HAZARD PLANNING SCHEME POLICY

Drawing Title

SEAWALL STANDARD DRAWING



Parent Model

NOT FROM MODEL

Security Classification

NA

Scale

NA

Author

KJP

Designer

CY

Checker

BL

Approver

DR

Suitability

FOR APPROVAL

Status

A1

Revision

C03

Information Container

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