AT CORRECT SCALE THIS IS 100 mm

CITY OF MANDURAH

WATERSIDE DRIVE SEAWALL RENEWAL

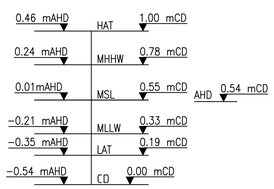
DRAWING No.	TITLE
D2301-01-01	DRAWING LIST & LOCALITY PLAN
D2301-02-01	EXISTING CONDITIONS & ACCESS
D2301-03-01	LAYOUT
D2301-04-01	SECTIONS

GENERAL NOTES:

1. THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE TECHNICAL SPECIFICATION. ANY DISCREPANCIES ARE TO BE REFERRED TO THE SUPERINTENDENT BEFORE PROCEEDING.
2. SURVEY COMPLETED BY CITY OF MANDURAH IN DECEMBER 2025. THE LEVELS AND CONTOURS REFLECTS THE SURFACE AT THE TIME OF SURVEY ONLY.
3. HORIZONTAL DATUM IS PERTH COASTAL GRID IN 1994. VERTICAL DATUM IS AUSTRALIAN HEIGHT DATUM (AHD).
4. AERIAL PHOTOGRAPH PROVIDED BY CITY OF MANDURAH TAKEN IN FEBRUARY 2026.
5. THE CONTRACTOR SHALL CONFIRM THE LOCATION OF AND PROTECT ANY UNDERGROUND SERVICES IN THE AREA OF THE WORKS. THE CONTRACTOR SHALL CONTACT BEFORE YOU DIG (WWW.BYDA.COM.AU).
6. ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
7. SET OUT COORDINATES AND DIMENSIONS ARE TO BE CONFIRMED ON SITE PRIOR TO WORKS COMMENCING. REFER ANY DISCREPANCY TO THE SUPERINTENDENT. IF IN DOUBT ASK.
8. SITE ACCESS AND LAYDOWN AREAS TO BE CONFIRMED WITH SUPERINTENDENT PRIOR TO WORKS.
9. ON COMPLETION OF THE WORKS A SET OF MARKED UP AND SIGNED "AS CONSTRUCTED" DRAWINGS SHALL BE FORWARDED TO THE SUPERINTENDENT.



LOCALITY PLAN
1:2,000



TAKEN FROM DOT MANDURAH SUBMERGENCE CURVE
DOT 696-82-01 30/08/2010

TIDAL LEVELS
1:20

AT CORRECT SCALE THIS IS 100 mm

CAD:D23010101[A]

REV	DATE	APPROVED	AMENDMENT
A	11.05.26	TSH	PRELIMINARY ISSUE

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CLIENT: CITY OF MANDURAH

DESIGNED	CHECKED	APPROVED
M SHARP	T HUNT	
DRAWN	CHECKED	
R ENCINAS	T HUNT	

m p rogers & associates pl
coastal and port engineers
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admin@coastsandports.com.au

PROJECT: WATERSIDE DRIVE SEAWALL RENEWAL
TITLE: DRAWING LIST & LOCALITY PLAN
SCALE AT A1: AS SHOWN
DRAWING NUMBER: D2301-01-01
REV: A

AT CORRECT SCALE THIS IS 100 mm

0 2 4 6 8 10m
SCALE 1:200 AT ORIGINAL SIZE

-2.0
0.0
-1.0
1.0
2.0

P1
P2
P3
P4
P5
P6

EXISTING NAVIGATION MARKER TO BE RETAINED AND PROTECTED

EXISTING SIGNS TO BE RETAINED AND PROTECTED

EXISTING TREES TO BE RETAINED AND PROTECTED

EXISTING WALL

EXISTING VEGETATION TO BE RETAINED AND PROTECTED

LEGEND:

- 0.0 — CONTOUR
- NAVIGATION MARKER
- SIGN
- TREE
- VEGETATION
- P1 — PHOTO LOCATION

NOTES:

1. SURVEY COMPLETED BY CITY OF MANDURAH IN DECEMBER 2025. THE LEVELS AND CONTOURS REFLECTS THE SURFACE AT THE TIME OF SURVEY ONLY.
2. CONTOURS SHOWN AT 0.2m INTERVALS.



PHOTOGRAPH 1



PHOTOGRAPH 2



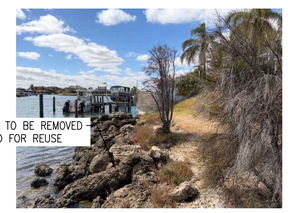
PHOTOGRAPH 3



PHOTOGRAPH 4



PHOTOGRAPH 5



PHOTOGRAPH 6

CAD:D23010201[A]

AT CORRECT SCALE THIS IS 100 mm

REV	DATE	APPROVED	AMENDMENT	REV	DATE	APPROVED	AMENDMENT
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DRAWN	CHECKED	
R ENCINAS	T HUNT	

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PROJECT: WATERSIDE DRIVE SEAWALL RENEWAL

TITLE: EXISTING CONDITIONS & ACCESS

SCALE AT A1	DRAWING NUMBER	REV
1:200	D2301-02-01	A

AT CORRECT SCALE THIS IS 100 mm

0 2 4 6 8 10m
SCALE 1:200 AT ORIGINAL SIZE

-2.0
-1.0
0.0
1.0
2.0

TOE LINE
SETOUT LINE
REAR OF CREST
EXISTING NAVIGATION MARKER TO BE RETAINED AND PROTECTED
TRANSITION FROM SECTION B TO C
TRANSITION FROM SECTION A TO B
SEAWALL TO BE LOCALLY MODIFIED AROUND TREES
TIE IN TO EXISTING LEVELS TO SUPERINTENDENT SATISFACTION
TIE IN TO EXISTING WALL
EXISTING WALL TO BE RETAINED AND PROTECTED
EXISTING VEGETATION TO BE RETAINED AND PROTECTED

R28
R49

SOP 1
SOP 2
SOP 3
SOP 4
SOP 5
SOP 6
SOP 7

A 04-01
B 04-01
C 04-01

SETOUT POINTS

SOP #	EASTING	NORTHING	CREST LEVEL (mAHD)	TOE LEVEL (mAHD)
SOP1	40,882.439	197,689.196	0.4	−0.8
SOP2	40,880.269	197,715.098	TRANSITION FROM 0.4 TO 0.8	
SOP3	40,883.116	197,736.503	0.8	TRANSITION FROM −0.8 TO −1.5
SOP4	40,915.171	197,753.358		
SOP5	40,948.059	197,744.875		−1.5
SOP6	40,974.692	197,736.295		
SOP7	40,999.989	197,726.479		

LEGEND:

- 0.0 — CONTOUR
- NEW SEAWALL
- SETOUT LINE
- SOP 1 — SETOUT POINT
- NAVIGATION MARKER
- SIGN
- TREE
- VEGETATION

NOTES:

1. SURVEY COMPLETED BY CITY OF MANDURAH IN DECEMBER 2025. THE LEVELS AND CONTOURS REFLECTS THE SURFACE AT THE TIME OF SURVEY ONLY.
2. CONTOURS SHOWN AT 0.2m INTERVALS.

CAD:D23010301[A]

AT CORRECT SCALE THIS IS 100 mm

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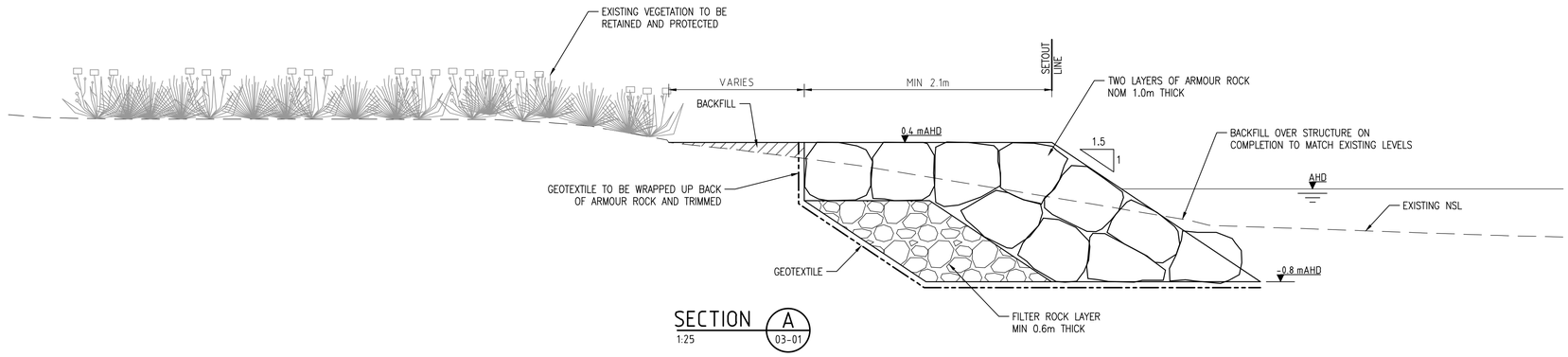
CLIENT: CITY OF MANDURAH

DESIGNED	CHECKED	APPROVED
M SHARP	T HUNT	
DRAWN	CHECKED	
R ENCINAS	T HUNT	

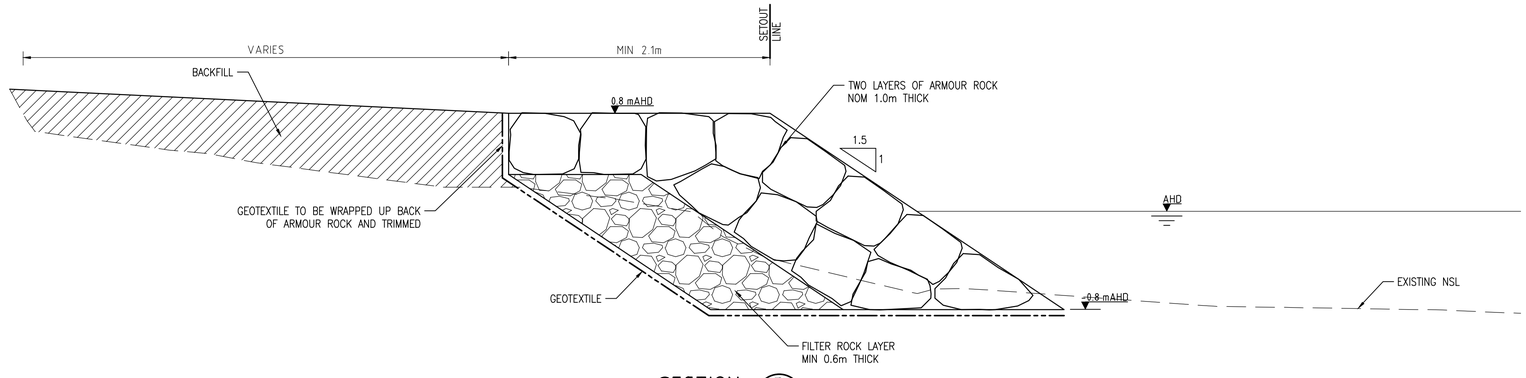
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PROJECT: WATERSIDE DRIVE SEAWALL RENEWAL
TITLE: LAYOUT
SCALE AT A1: 1:200
DRAWING NUMBER: D2301-03-01
REV: A

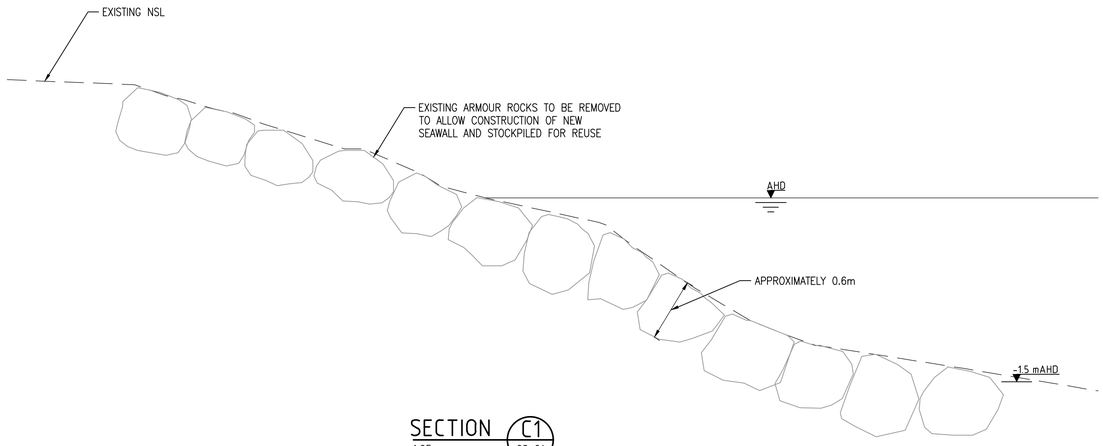
AT CORRECT SCALE THIS IS 100 mm



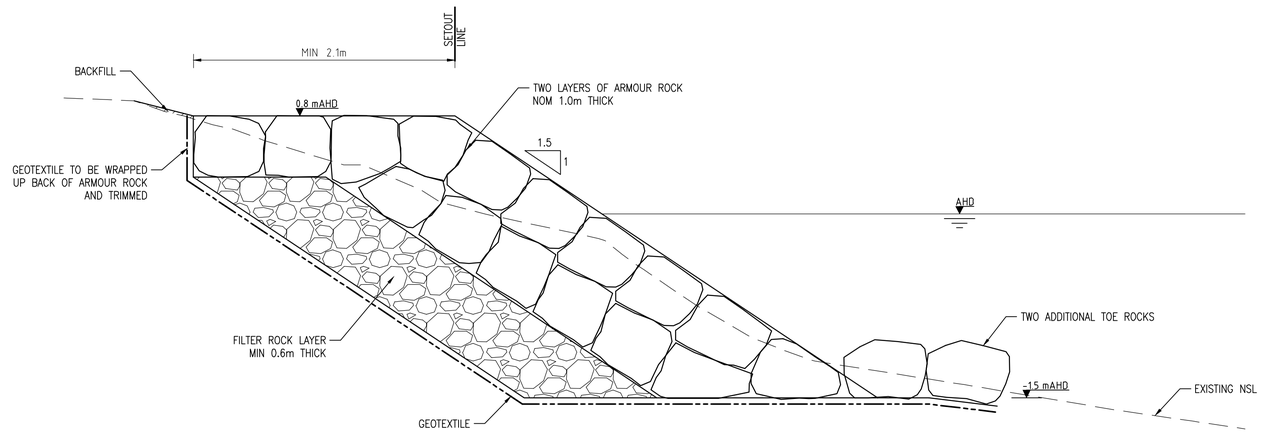
SECTION A
1:25
03-01



SECTION B
1:25
03-01



SECTION C1
1:25
03-01



SECTION C2
1:25
03-01

CAD:D23010401[A]

AT CORRECT SCALE THIS IS 100 mm

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PROJECT: WATERSIDE DRIVE SEAWALL RENEWAL

TITLE: SECTIONS

SCALE AT A1: AS SHOWN

DRAWING NUMBER: D2301-04-01

REV: A