

- LEGEND**
- 0.5 FINISHED SURFACE CONTOURS
 - PROPOSED PROPERTY BOUNDARY
 - EXISTING/FUTURE PROPERTY BOUNDARY
 - MOUNTABLE KERB AND CHANNEL
 - FLUSH KERB
 - TOP OF BATTER
 - TOE OF BATTER
 - PROPOSED RETAINING WALL
 - EXISTING/FUTURE RETAINING WALL
 - + = AMOUNT OF FILL
- = AMOUNT OF CUT
FSL = FINISHED SURFACE LEVEL

EARTHWORKS DEPTH RANGE
fin EXISTING TO fin DESIGN

FILL 1.75m +	CUT 0m - 0.25m
FILL 1.5m - 1.75m	CUT 0.25m - 0.5m
FILL 1.25m - 1.5m	CUT 0.5m - 0.75m
FILL 1m - 1.25m	CUT 0.75m - 1m
FILL 0.75m - 1m	CUT 1m - 1.25m
FILL 0.5m - 0.75m	CUT 1.25m - 1.5m
FILL 0.25m - 0.5m	CUT 1.5m - 1.75m
FILL 0m - 0.25m	CUT 1.75m +

STIPPING DEPTH OF TOPSOIL TOPSOILING	0mm SOLID DEPTH 200mm COMPACTED DEPTH TO VERGES ONLY
---	--

STANDARD NOTES
GENERAL

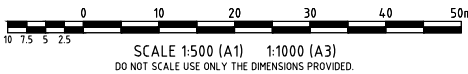
- THE DRAWINGS **WERE** ~~ARE~~ TO BE READ IN CONJUNCTION WITH THE RELEVANT MACKAY REGIONAL COUNCIL (MRC) STANDARD SPECIFICATIONS AND STANDARD DRAWINGS. ANY POINT OF CONFLICT **WAS** ~~WILL~~ BE RESOLVED BY THE SUPERINTENDENT.
- THE ACCURACY AND COMPLETENESS OF EXISTING SERVICE INFORMATION SHOWN ON THE DRAWINGS IS NOT GUARANTEED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL SERVICES PRIOR TO CONSTRUCTION AND ADVISE THE SUPERINTENDENT OF ANY DIFFERENCES FROM THE DRAWINGS.

TESTING

- ALL TESTING **WAS** ~~IS~~ TO BE IN ACCORDANCE WITH THE RELEVANT MRC STANDARD SPECIFICATION AND RELEVANT AUSTRALIAN STANDARDS.
- FREQUENCY OF TESTING **WAS** ~~IS~~ TO BE IN ACCORDANCE WITH MRC SPECIFICATION CQC (QUALITY CONTROL REQUIREMENTS) AND RELEVANT AUSTRALIAN STANDARDS. THE SUPERINTENDENT MAY ORDER ADDITIONAL TESTS.

EARTHWORKS

- ALL EARTHWORKS **WERE** ~~TO BE~~ CONSTRUCTED IN ACCORDANCE WITH MRC STANDARD SPECIFICATION C213 AND AUSTRALIAN STANDARD AS3798-2007.
- FOR COMPACTION AND MATERIAL STANDARDS - REFER TO THE MRC SPECIFICATION C213 AND AUSTRALIAN STANDARD AS3798 2007. LEVEL 1 STANDARD **WAS** ~~SHALL~~ APPLY.
- EARTHWORKS LIMITS OF CUTTING AND FILLING AS SHOWN ON THE DRAWING **WAS** ~~TO BE~~ VERIFIED ON SITE. THE ACTUAL LIMITS **WAS** ~~TO BE~~ DETERMINED ON SITE BY THE SUPERINTENDENT DURING CONSTRUCTION.
- ALL FILL MATERIAL **WAS** ~~WILL~~ BE PLACED IN ACCORDANCE WITH MRC SPECIFICATION C213 AND AS3798.
- THE FILL MATERIAL **WILL** ~~COMPRISED~~ ONLY OF NATURAL EARTH AND ROCK AND **WAS** ~~SHALL~~ BE FREE OF ALL CONTAMINATES, NOXIOUS, HAZARDOUS, DELETERIOUS AND ORGANIC MATERIAL.
- THE FILL **WAS** ~~SHALL~~ BE COMPACTED IN LAYERS NOT EXCEEDING 150mm COMPACTED THICKNESS WITH STONE NO GREATER THAN 100mm. TO A MAXIMUM DRY DENSITY SPECIFIED BY THE MRC STANDARD SPECIFICATION C213 OR THE RELEVANT AUSTRALIAN STANDARD.
- THE PLACEMENT OF FILL **WAS** ~~TO BE~~ EXECUTED SO AS **WAS** ~~TO BE~~ FREE DRAINING AT ALL TIMES AND NOT CAUSE NUISANCE OR PONDING TO ADJOINING PROPERTY OR ROADS.
- NO DEMOLITION MATERIAL **WAS** ~~TO BE~~ USED AS FILL MATERIAL.
- WHERE UNSUITABLE MATERIAL IN AREAS OF FILL IS ENCOUNTERED, THIS WILL BE TREATED AS SET-OUT IN MRC SPECIFICATION C213.
- WHERE THERE **WERE** ~~ARE~~ DIFFERENCES BETWEEN MRC C213 AND AS 3798 THE REQUIREMENTS OF AS3798 TO HAVE PRECEDENCE UNLESS OTHERWISE DIRECTED BY SUPERINTENDENT.



SURVEYOR'S CERTIFICATION

AS CONSTRUCTED INFORMATION SURVEYED BY LEVEL UP SURVEYING PTY LTD AND CERTIFIED BY A REGISTERED CADASTRAL SURVEYOR:
NAME: **Brad Costello** REG NO. **7430**
SIGNATURE: *[Signature]* DATE **19/09/25**

ENGINEER'S CERTIFICATION

THIS DRAWING IS AN ACCURATE REPRESENTATION OF THE WORKS AND THE AS CONSTRUCTED DETAILS PROVIDED CONFORM WITH THE DESIGN INTENT:
NAME: **Chris Hobson** RPEQ **12732**
SIGNATURE: *[Signature]* DATE **22/9/2025**

AS CONSTRUCTED

ENGINEERING CERTIFICATION

[Signature]
Registered Engineer
Date **22/9/2025**
12732
Registered Accreditation



Client **EASTPOINT MACKAY PTY LTD**

Project **DUNES, HARBOUR BEACH - STAGE 1D**

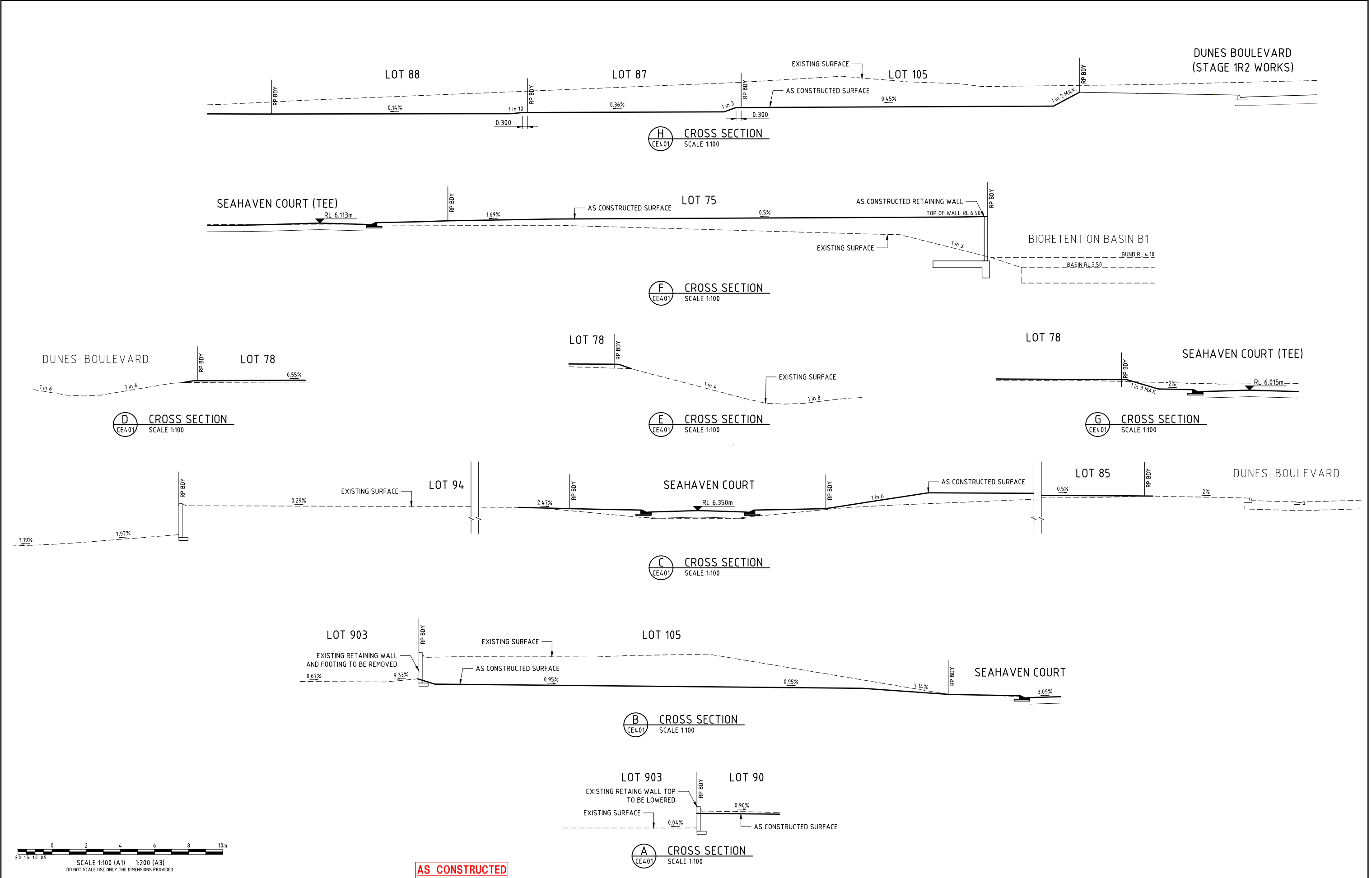
Title **EARTHWORKS MANAGEMENT PLAN**

Datum **AHD**
PSM **118600**
RL **7.152M**
(MGA) COORD

AS CONSTRUCTED

Project No. **B00214-CE401** Drawing No. **2**

Plot Date: 9/09/2025 4:30:45 PM
User: ETHAN SCHAFER
File Name: S:\1026\Urban\MANZOS\101800214 - 101800214 - CIVIL - DRS\101800214 - ST1D - EWM - SECT



AS CONSTRUCTED						ENGINEERING CERTIFICATION	
2	AS CONSTRUCTED - REV IN PROGRESS	EM	ES	LW	CH	22/09/25	Registered Engineer
1	MINOR CHANGES TO CONCRETE DRIVEWAYS	ES	LW	LW	CH	24/01/25	Date 22/9/2025
0	ISSUED FOR CONSTRUCTION	ES	LW	LW	CH	23/01/25	12732
No.	Amendments	Drawn	Design	Design Chk	Appd	Date	Registered Accreditation
This drawing cannot be copied or reproduced in any form or used for any purpose other than that originally intended without the written permission of Empower Engineers and Project Managers ©COPYRIGHT 2018							



Client	EASTPOINT MACKAY PTY LTD	Datum	AHD
Project	DUNES, HARBOUR BEACH - STAGE 1D	PSM	118600
Title	EARTHWORKS MANAGEMENT SECTIONS	RL	7.152M (MGA) COORD
Project No.	B00214-CE402	Drawing No.	2