

LEGEND

	FINISHED SURFACE CONTOURS
	PROPOSED EASEMENT
	PROPOSED PROPERTY BOUNDARY
	EXISTING/FUTURE PROPERTY BOUNDARY
	EDGE OF BITUMEN
	EDGE OF GRAVEL
	FLUSH KERB
	MOUNTABLE KERB AND CHANNEL
	SWALE DRAIN
	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 +

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 IS TO BE IN ACCORDANCE WITH THE RELEVANT MRC STANDARD SPECIFICATION AND RELEVANT AUSTRALIAN STANDARDS.
- FREQUENCY OF TESTING 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 SHALL APPLY.
- EARTHWORKS LIMITS OF CUTTING AND FILLING AS SHOWN ON THE DRAWING TO BE VERIFIED ON SITE. THE ACTUAL LIMITS 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 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 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 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 VERIS AUSTRALIA PTY LTD AND CERTIFIED BY A REGISTRANT OF THE BOARD OF SURVEYORS:

NAME: Alistair Byrom (Delegate)
SIGNATURE: DATE: 21/09/2022

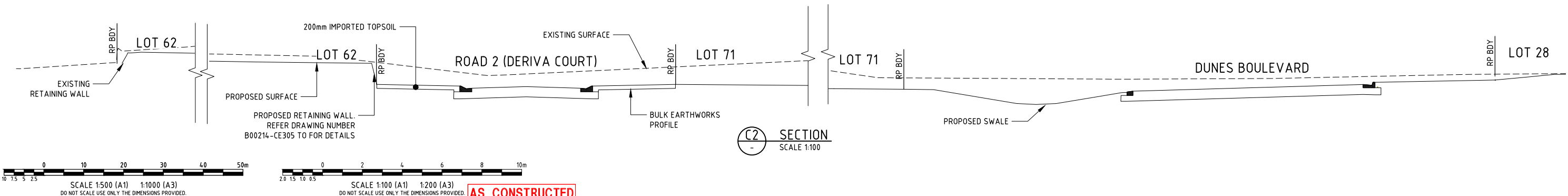
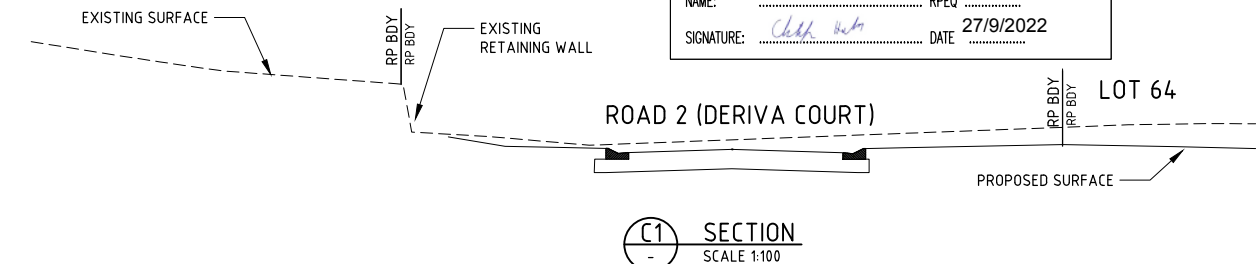
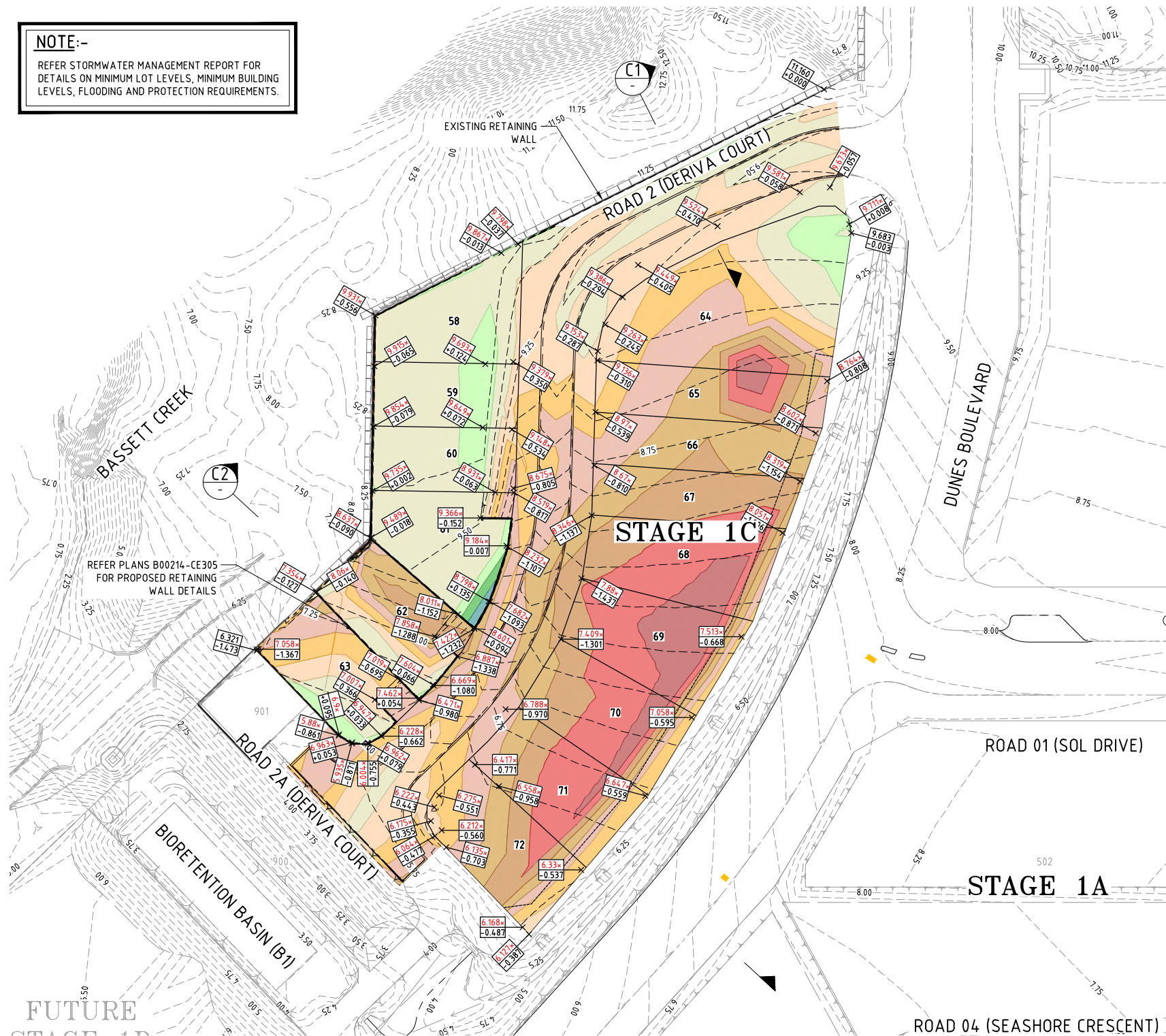
ENGINEER'S CERTIFICATION

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: DATE: 27/9/2022

NOTE:-

REFER STORMWATER MANAGEMENT REPORT FOR DETAILS ON MINIMUM LOT LEVELS, MINIMUM BUILDING LEVELS, FLOODING AND PROTECTION REQUIREMENTS.



0	AS CONSTRUCTED	MC	JT	CH	CH	XX/01/22	ENGINEERING CERTIFICATION
No.	Amendments	Drawn	Design	Design	Chk	Appd	Date

urbex

Empower
ENGINEERS &
PROJECT MANAGERS
ABN 23 010 743 692

Client: **EAST POINT MACKAY PTY LTD**
Project: **EAST POINT DRIVE MACKAY - STAGE 1C**
Title: **EARTHWORKS MANAGEMENT PLAN**

Datum: **AHD**
PSM 118600
RL 7.152M
(MGA) COORD
AS CONSTRUCTED
Project No. Drawing No. Rev
B00214-CE301 **0**