
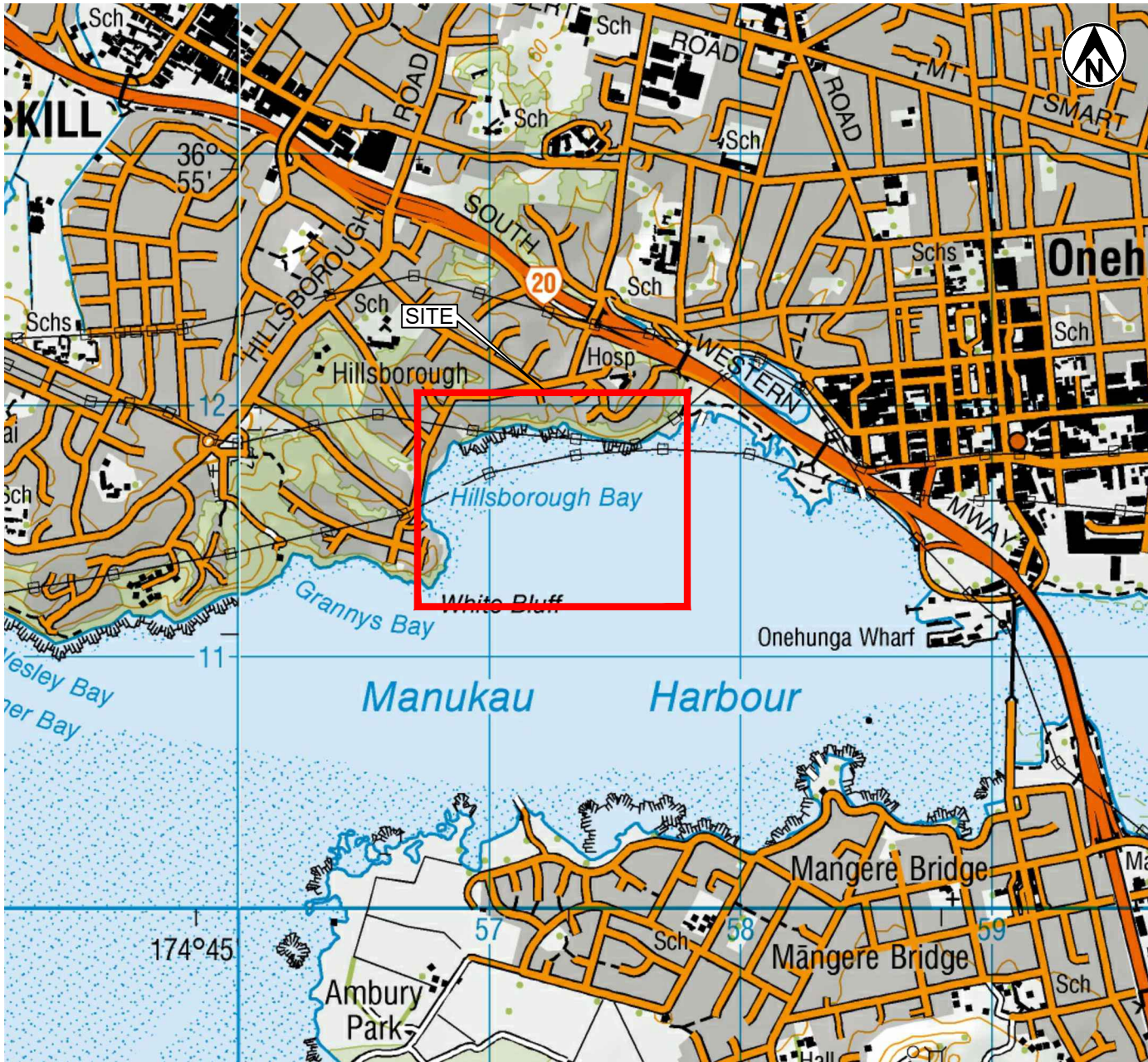


WATERCARE SERVICES LIMITED
PUMP STATION 23 ECOLOGICAL ENHANCEMENT
Draft Consent Level Design Issue

DRAWING	Rev	Title
• 1015172.1600-000	1	DRAWING LIST AND LOCALITY PLAN
• 1015172.1600-001	1	EXISTING LAYOUT
• 1015172.1600-002	1	PROPOSED LAYOUT
• 1015172.1600-003	1	PROPOSED SECTIONS - SHEET 1 OF 2
• 1015172.1600-004	1	PROPOSED SECTIONS - SHEET 2 OF 2



CST60409838
Approved Resource Consent Plan
08/12/2022



TOPOMAP SOURCED FROM LINZ DATA SERVICE <<https://data.linz.govt.nz/layer/50767-nz-topo50-maps/>> . LICENSED BY LINZ FOR RE-USE UNDER THE CREATIVE COMMONS ATTRIBUTION 4.0 NEW ZEALAND LICENCE (CC BY 4.0). ACCESSED 09/08/2022.

LOCALITY PLAN
SCALE 1:25,000

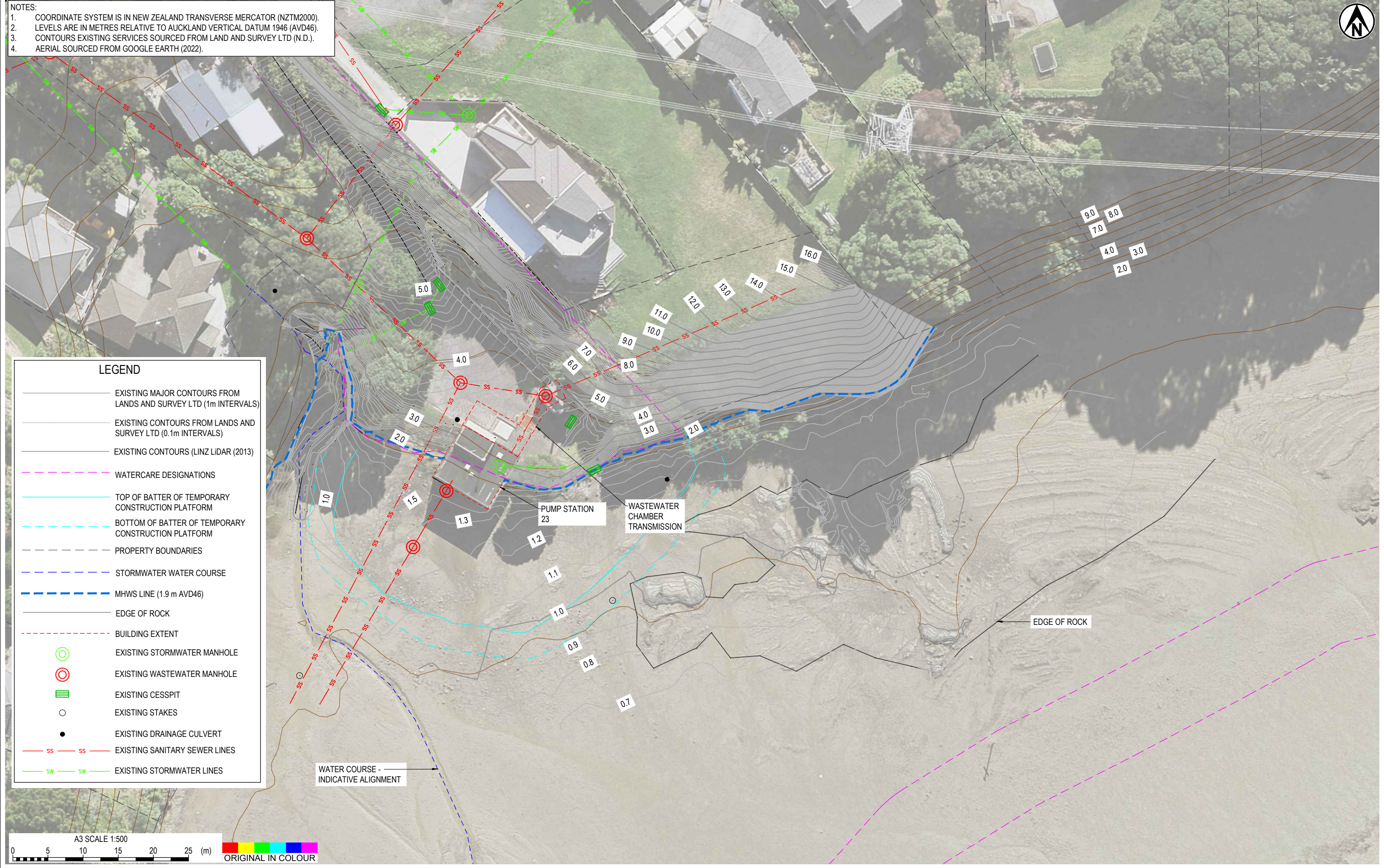
• Denotes drawing this issue: 07/10/2022



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1	DRAFT CONSENT LEVEL DESIGN ISSUE	CHLI	PWQ	07.10.22	DESIGNED DRAWN DESIGN CHECKED DRAWING CHECKED			COVA CHLI PWQ JC	Aug.22 Aug.22 Oct.22 Oct.22	DRAWING STATUS DRAFT CONSENT LEVEL DESIGN	CLIENT PROJECT	WATERCARE SERVICES LIMITED PUMP STATION 23 ECOLOGICAL ENHANCEMENT		
					NOT FOR CONSTRUCTION ----- THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED						TITLE	ECOLOGICAL ENHANCEMENT WORKS DRAWING LIST AND LOCATION PLAN		
										SCALE (A3)	1:25000	DWG No.	1015172.1600-000	REV
					REV	DESCRIPTION	CAD	CHK	DATE	APPROVED	DATE			

- NOTES:
1. COORDINATE SYSTEM IS IN NEW ZEALAND TRANSVERSE MERCATOR (NZTM2000).
 2. LEVELS ARE IN METRES RELATIVE TO AUCKLAND VERTICAL DATUM 1946 (AVD46).
 3. CONTOURS EXISTING SERVICES SOURCED FROM LAND AND SURVEY LTD (N.D.).
 4. AERIAL SOURCED FROM GOOGLE EARTH (2022).



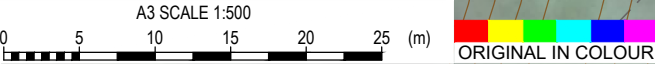
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1. COORDINATE SYSTEM IS IN NEW ZEALAND TRANSVERSE MERCATOR (NZTM2000).
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 4. AERIAL SOURCED FROM GOOGLE EARTH (2022).

LEGEND

- EXISTING STORMWATER MANHOLE
- EXISTING WASTEWATER MANHOLE
- EXISTING CESSPIT
- LOG PILES (INDICATIVE)
- PROPOSED SALT MARSH VEGETATION
- PROPOSED ROCK SILL
- PROPOSED BIRD ROOST

LEGEND

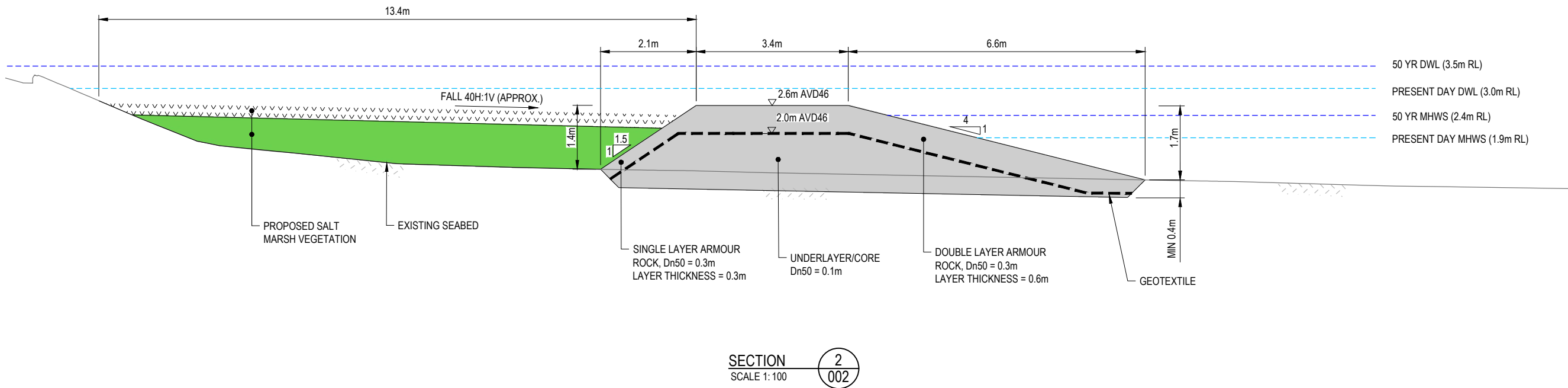
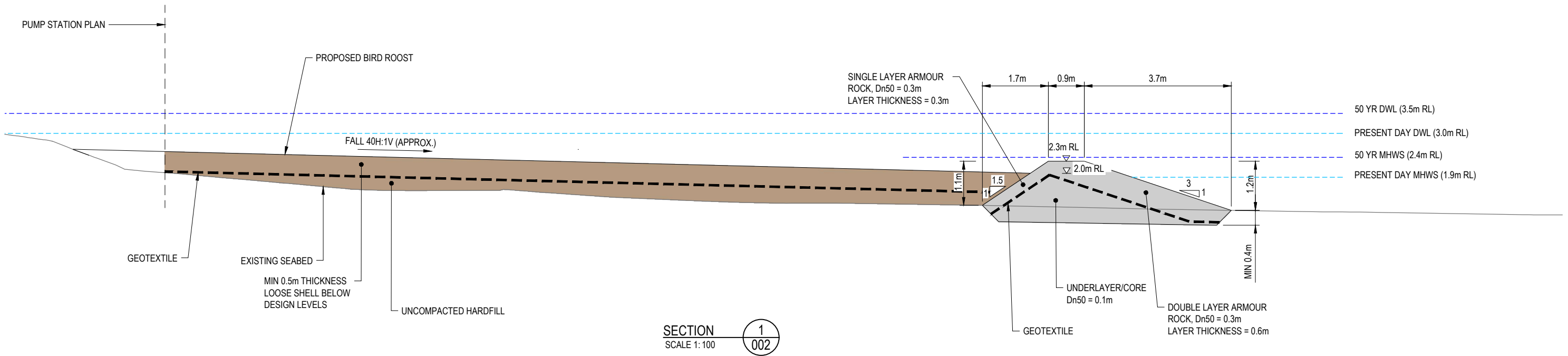
- EXISTING MAJOR CONTOURS FROM LANDS AND SURVEY LTD (1m INTERVALS)
- EXISTING CONTOURS FROM LANDS AND SURVEY LTD (0.1m INTERVALS)
- EXISTING CONTOURS (LINZ LIDAR (2013))
- WATERCARE DESIGNATIONS
- TOP OF BATTER OF TEMPORARY CONSTRUCTION PLATFORM
- BOTTOM OF BATTER OF TEMPORARY CONSTRUCTION PLATFORM
- PROPERTY BOUNDARIES
- STORMWATER WATER COURSE
- MHWS LINE (1.9 m AVD46)
- EDGE OF ROCK
- BUILDING EXTENT
- PROPOSED ROCK CREST EXTENT
- PROPOSED ROCK TOE EXTENT
- PROPOSED ROCK REVETMENT (CI WORKS)
- EXISTING SANITARY SEWER LINES
- EXISTING STORMWATER LINES



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1	DRAFT CONSENT LEVEL DESIGN ISSUE	COVA	PWQ	07.10.22	DESIGNED	COVA	Aug.22	DRAWING STATUS	DRAFT CONSENT LEVEL DESIGN	CLIENT	WATERCARE SERVICES LIMITED				
					DRAWN	COVA	Aug.22			PROJECT	PUMP STATION 23 ECOLOGICAL ENHANCEMENT				
					DESIGN CHECKED	PWQ	Oct.22			TITLE	ECOLOGICAL ENHANCEMENT WORKS				
					DRAWING CHECKED	JC	Oct.22			PROPOSED LAYOUT					
					NOT FOR CONSTRUCTION					THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED					
REV	DESCRIPTION	CAD	CHK	DATE	APPROVED	DATE				SCALE (A3)	1:500	DWG No.	1015172.1600-002	REV	1

- NOTES:
1. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
 2. LEVELS ARE IN METRES RELATIVE TO AUCKLAND VERTICAL DATUM 1946 (AVD46).
 3. ECOLOGICAL ENHANCEMENT EXTENTS AND LOCATION CONCEPT ONLY, SUBJECT TO CHANGE DURING DETAILED DESIGN.



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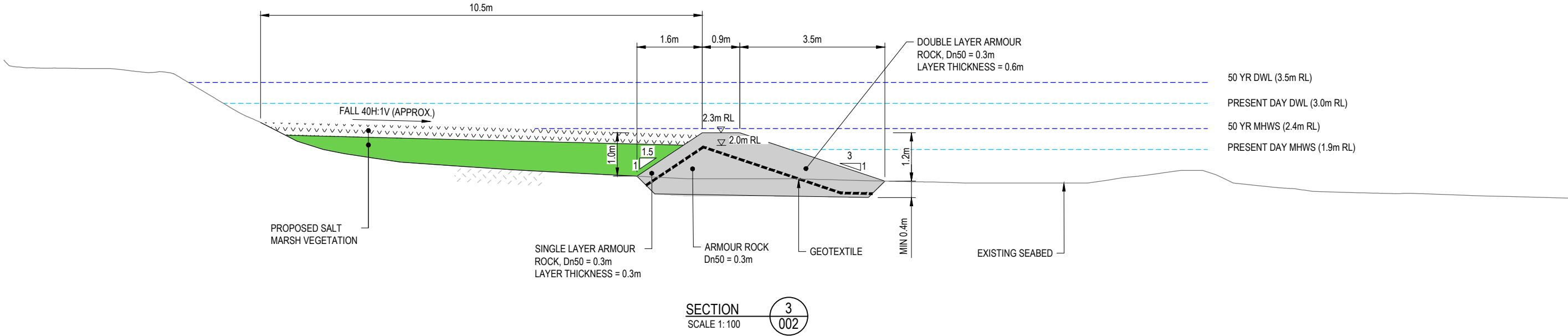
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					DRAWN	COVA	Aug.22		PROJECT	PUMP STATION 23 ECOLOGICAL ENHANCEMENT				
					DESIGN CHECKED	PWQ	Oct.22		TITLE	ECOLOGICAL ENHANCEMENT WORKS				
					DRAWING CHECKED	JC	Oct.22			PROPOSED SECTIONS - SHEET 1 OF 2				
					NOT FOR CONSTRUCTION			THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED						
REV	DESCRIPTION	CAD	CHK	DATE	APPROVED			DATE	SCALE (A3)	1:100	DWG No.	1015172.1600-003	REV	1

- NOTES:
1.

ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
2.

LEVELS ARE IN METRES RELATIVE TO AUCKLAND VERTICAL DATUM 1946 (AVD46).
3.

ECOLOGICAL ENHANCEMENT EXTENTS AND LOCATION CONCEPT ONLY, SUBJECT TO CHANGE DURING DETAILED DESIGN.



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					DRAWN	COVA	Aug.22		PROJECT	
					DESIGN CHECKED	PWQ	Oct.22		TITLE	
					DRAWING CHECKED	JC	Oct.22		SCALE (A3)	
REV	DESCRIPTION	CAD	CHK	DATE	NOT FOR CONSTRUCTION			THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED	DWG No.	1015172.1600-004
					APPROVED		DATE		REV	1