



**LEGEND**

- Property boundary
- Existing Contours (1.0m Intervals)
- Existing Contours (0.5m Intervals)
- Existing seawall
- Existing Massbloc wall
- Mean High Water Springs (RL 0.80m)
- Approximate extent of existing armour rock

A3 SCALE 1:1000  
 0 5 10 15 20 30 40 50 (m)  
 ORIGINAL IN COLOUR

DESIGNED :	DATE :	BY :
DRAWN :	DATE :	BY :
DESIGN CHECKED :	DATE :	BY :
DRAWING CHECKED :	DATE :	BY :
CADFILE :	851872-01.dwg	
APPROVED :	<p><b>NOT FOR CONSTRUCTION</b></p> <p>This drawing is not to be used for construction purposes unless signed and approved.</p> <p>COPYRIGHT ON THIS DRAWING IS RESERVED</p>	
REVISION DESCRIPTION	BR	DATE
1 Consent Issue	GWP	13/7/18
0 First Issue	GWP	13/7/18

**NOTES :**

- All dimensions are in millimetres unless noted otherwise.
- Coordinate Datum: New Zealand Geodetic Datum 2000 Mt Eden Circuit.
- Level Datum: Auckland Vertical Datum 1946, MHWs = RL 0.80m.
- Aerial photo sourced from Land Information New Zealand data (Crown Copyright Reserved), photo dated 2012.
- Survey provided by RMS Surveyors, Project No. F7116, Drawing No. T1.dwg, dated 24 June 2014

**REFERENCE :**

**Tonkin+Taylor**

105 Carlton Gore Road, Newmarket, Auckland  
 Tel. (09) 355 6000 Fax: (09) 307 0265  
 www.tonkintaylor.co.nz

**DRAWING STATUS: CONSENT ISSUE**

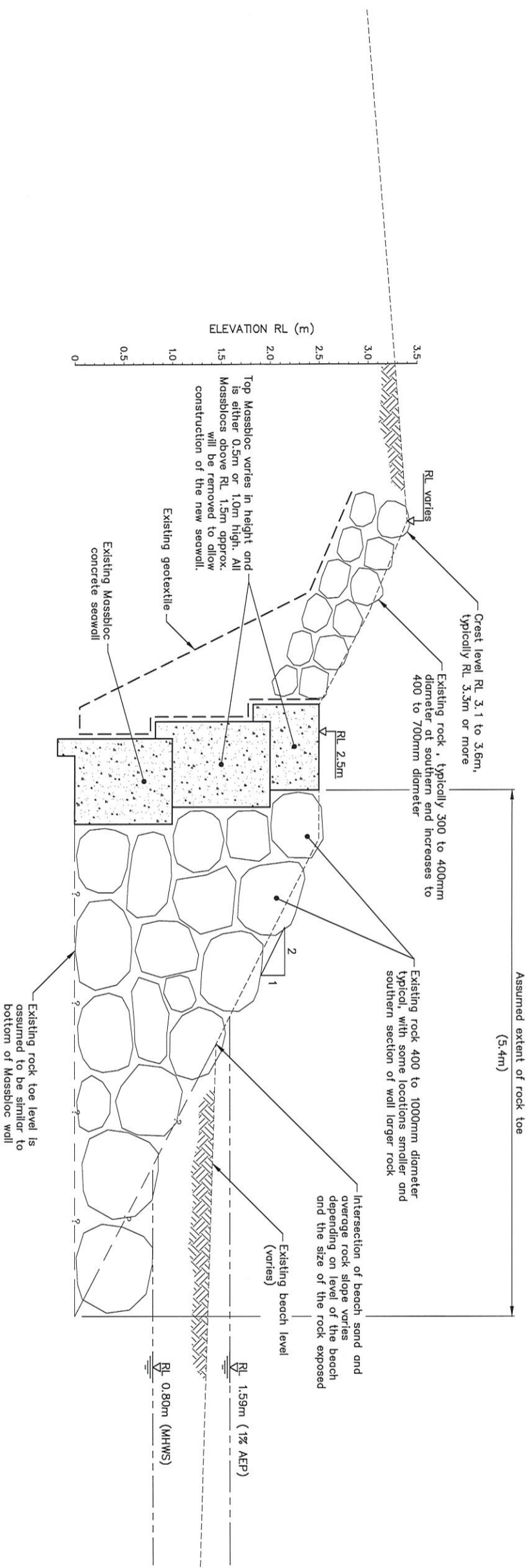
CLIENT PROJECT  
**BUFFALO BEACH HOMEOWNERS SEAWALL**  
 PROPOSED SEAWALL

TITLE  
**BUFFALO BEACH ROAD, WHITIANGA**  
 Aerial Photo & Topographic Survey

SCALE (AT A3 SIZE)  
 1:1000

DATE: 13/07/2018  
 DWG. No.: 851872-01  
 REV. 1





EXISTING WALL CONSTRUCTION  
TYPICAL SECTION  
SCALE 1:50

A3 SCALE 1:50  
0 0.5 1.0 1.5 2.0 2.5 (m)

DESIGNED :	GWP	Jul. 18
DRAWN :	TU	Jul. 18
DESIGN CHECKED :		
DRAFTING CHECKED :	AKS	7/18
CADFILE :	\\851872-03.dwg	
APPROVED :	<p><b>NOT FOR CONSTRUCTION</b> This drawing is not to be used for construction purposes unless signed as approved COPYRIGHT ON THIS DRAWING IS RESERVED</p>	
REVISION DESCRIPTION	BY	DATE
1 Consent Issue	GWP	18/5/18
0 First Issue		

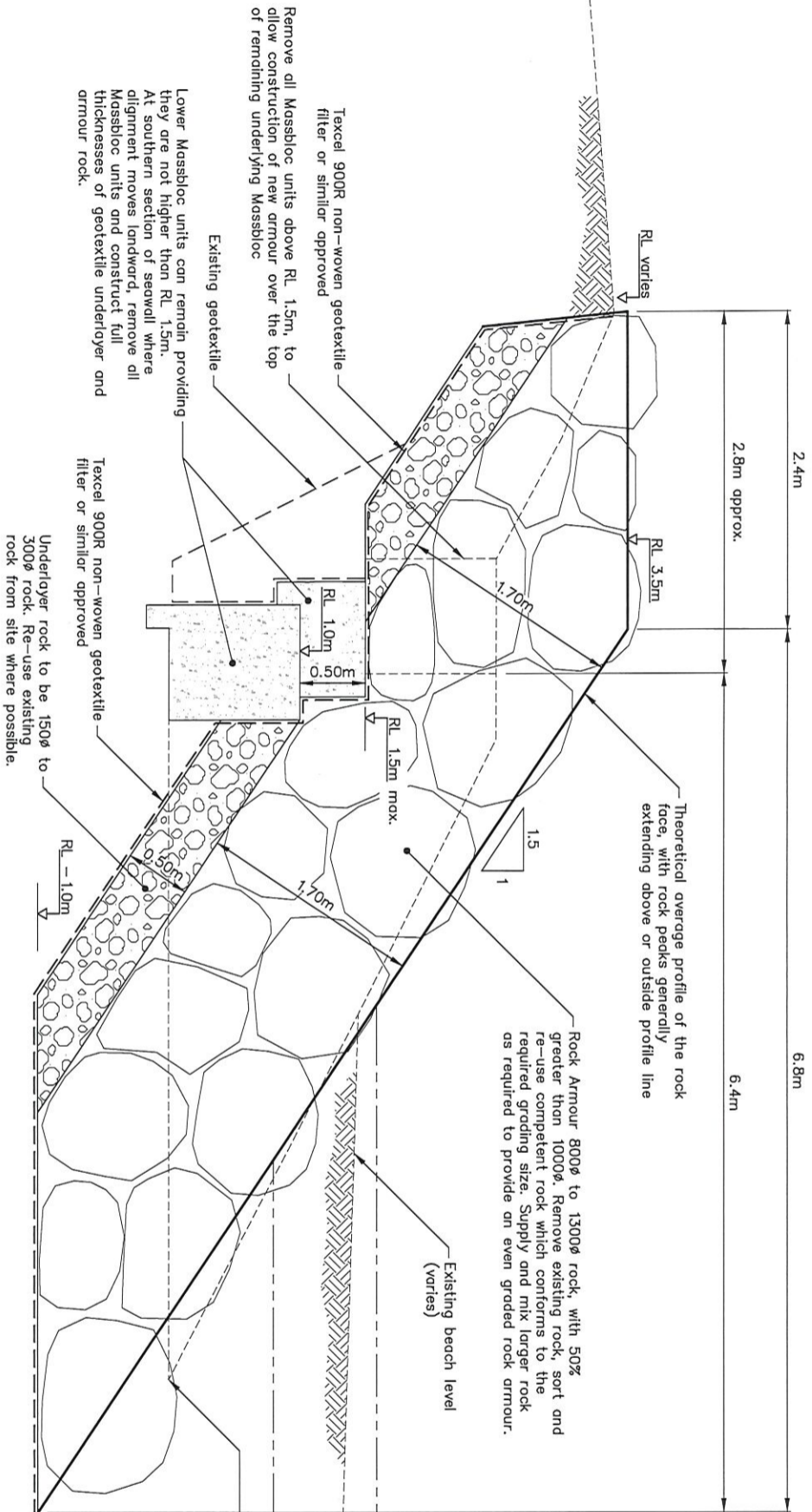
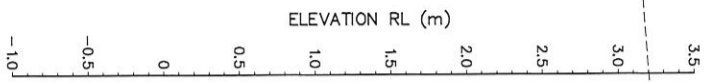
- NOTES :
- All dimensions are in millimetres unless noted otherwise.
  - Level Datum: Auckland Vertical Datum 1946, MHWS = RL 0.80m.



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DRAWING STATUS: CONSENT ISSUE

CLIENT PROJECT	BUFFALO BEACH HOMEOWNERS SEAWALL
TITLE	BUFFALO BEACH ROAD, WHITIANGA
PROPOSED SEAWALL	Existing Wall Construction - Typical Section
SCALES (AT A3 SIZE)	1:50
DWG. No.	851872-03
REV.	1



NEW SEAWALL CONSTRUCTION  
TYPICAL SECTION  
SCALE 1:50



DESIGNED :	GWP	Jul. 18
DRAWN :	TJ	Jul. 18
DESIGN CHECKED :		
DRAWING CHECKED :	MK	7/8
CADFILE :	\\851872-04.dwg	
APPROVED :	<b>NOT FOR CONSTRUCTION</b>	
REVISION DESCRIPTION	BY	DATE
1 Consent Issue	GWP	18/5/18
0 First Issue		

NOTES :

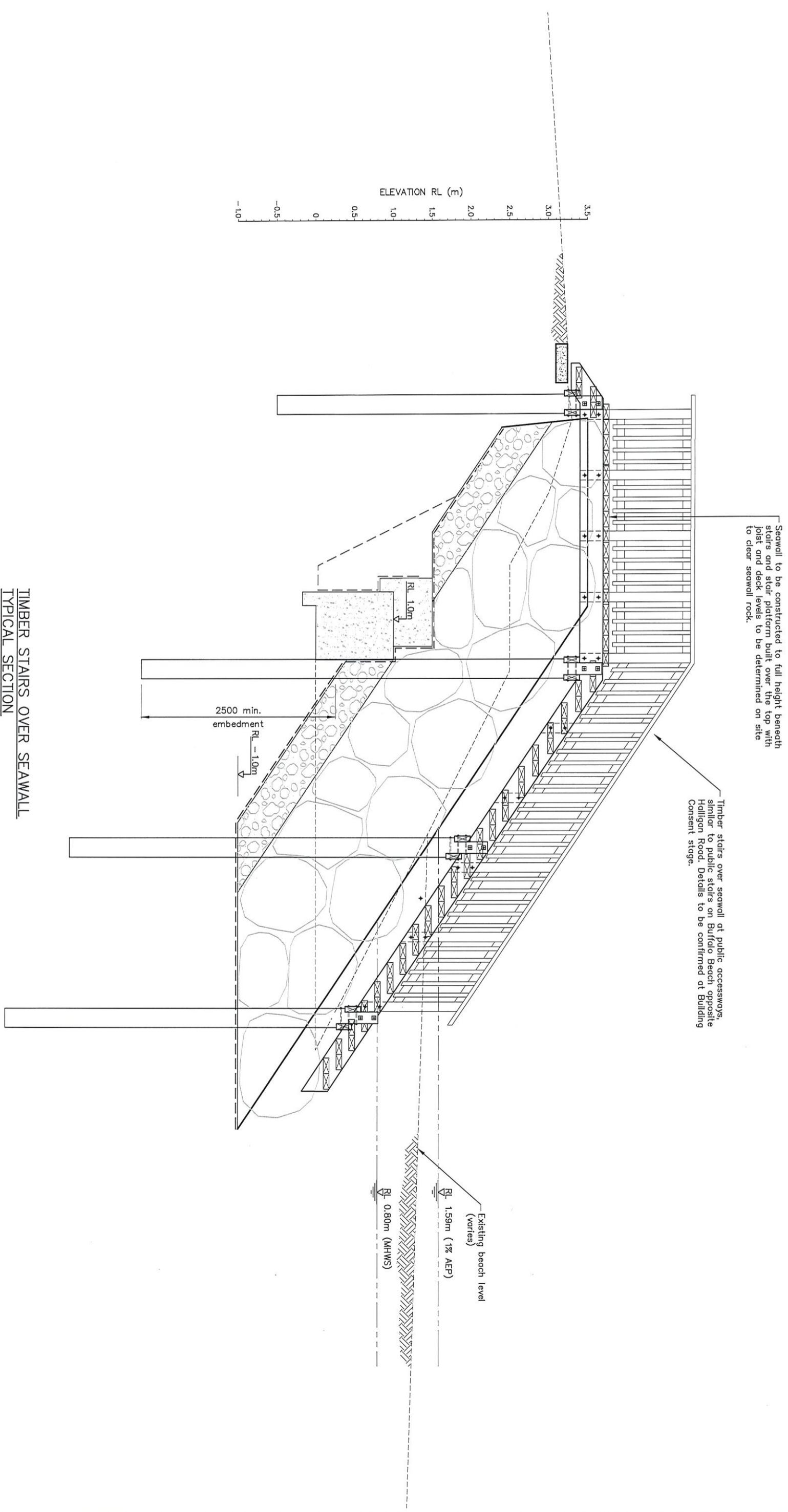
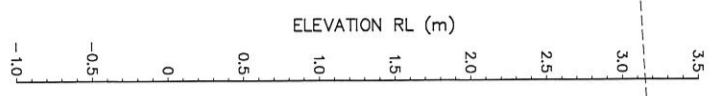
1. All dimensions are in millimetres unless noted otherwise.
2. Level Datum: Auckland Vertical Datum 1946, MHWS = RL 0.80m.
3. Remove existing seawall entirely over southern 60m.
4. Remove all rock from existing seawall, sort for re-use or disposal off-site.

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DRAWING STATUS: CONSENT ISSUE

CLIENT PROJECT	BUFFALO BEACH HOMEOWNERS SEAWALL
TITLE	BUFFALO BEACH ROAD, WHITIANGA
PROPOSED SEAWALL	New Seawall Construction - Typical Section
SCALES (AT A3 SIZE)	DWG No. 851872-04
1:50	REV. 1



TIMBER STAIRS OVER SEAWALL  
TYPICAL SECTION  
SCALE 1:50



DESIGNED :	GWP	Jul. 18
DRAWN :	TJ	Jul. 18
DESIGN CHECKED :		
DRAFTING CHECKED :	JK	7/18
CADFILE :	\\851872-05.dwg	
APPROVED :	<b>NOT FOR CONSTRUCTION</b>	
REVISION DESCRIPTION	BY	DATE
1 Consent Issue	JK	7/18
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- NOTES :
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  - Level Datum: Auckland Vertical Datum 1946, MHWS = RL 0.80m.

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CLIENT PROJECT	BUFFALO BEACH HOMEOWNERS SEAWALL
TITLE	PROPOSED SEAWALL
SCALE (AT A3 SIZE)	1:50
DWG. No.	851872-05
REV.	1

DRAWING STATUS: CONSENT ISSUE