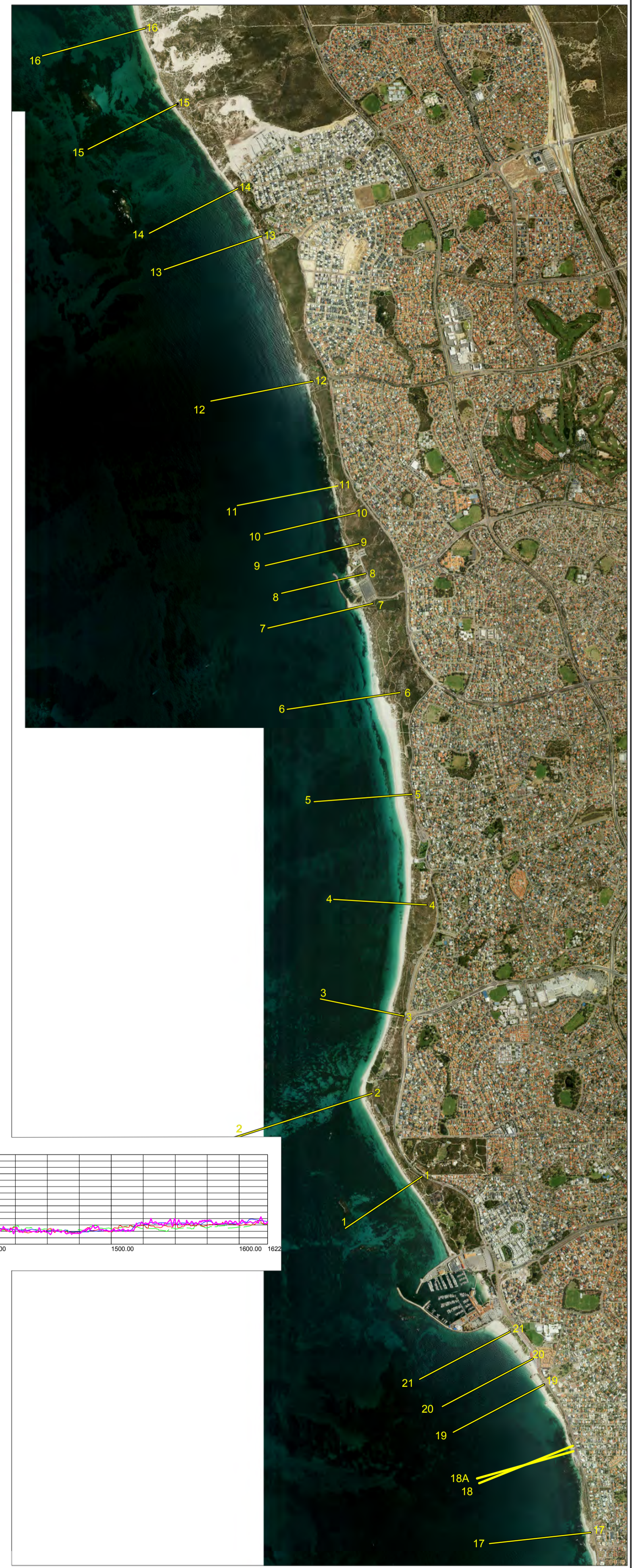
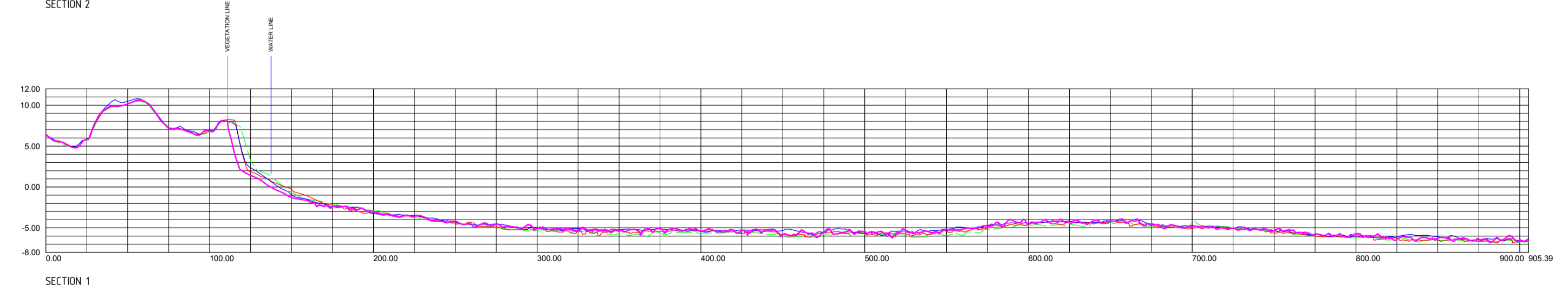
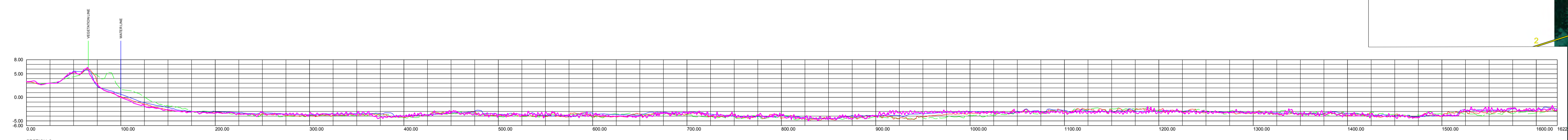
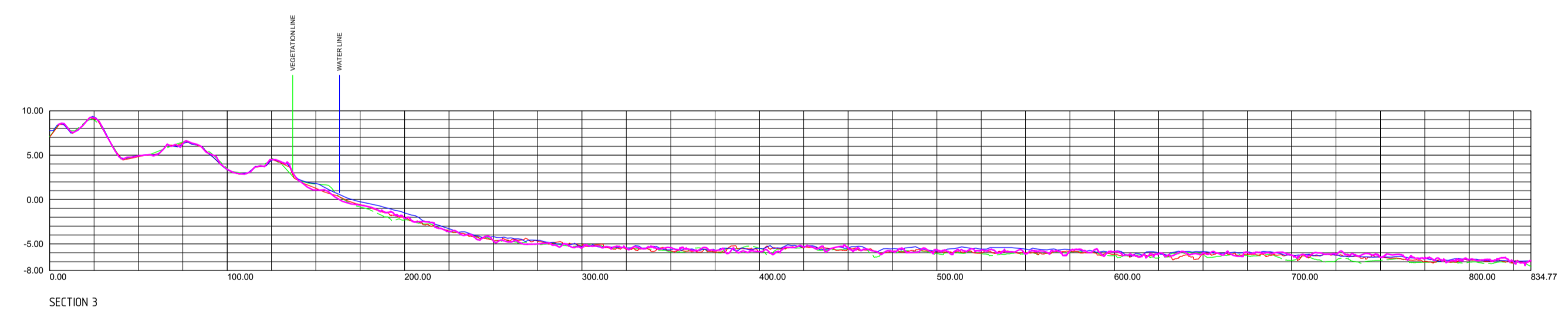
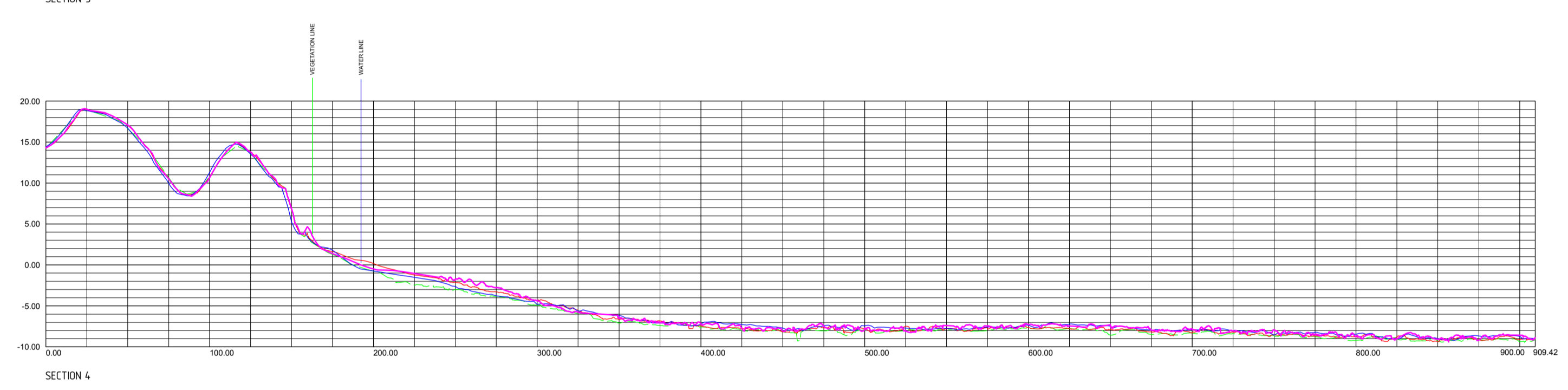
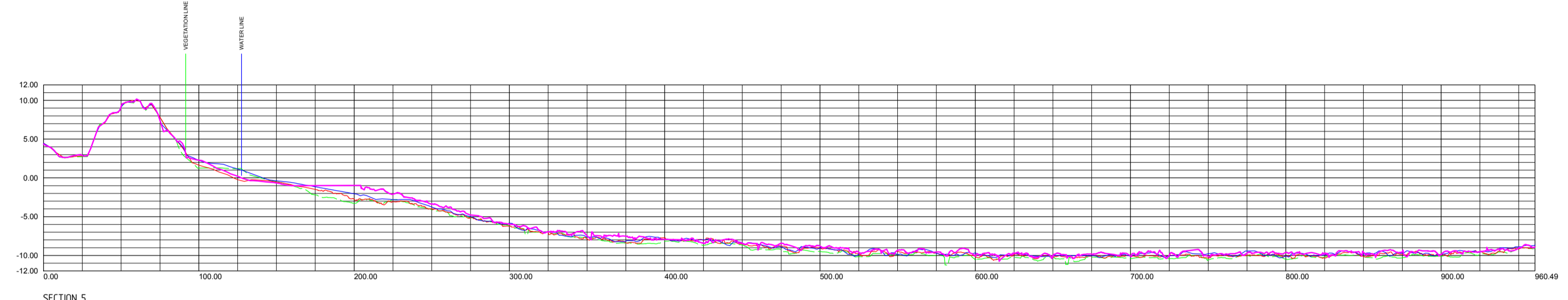
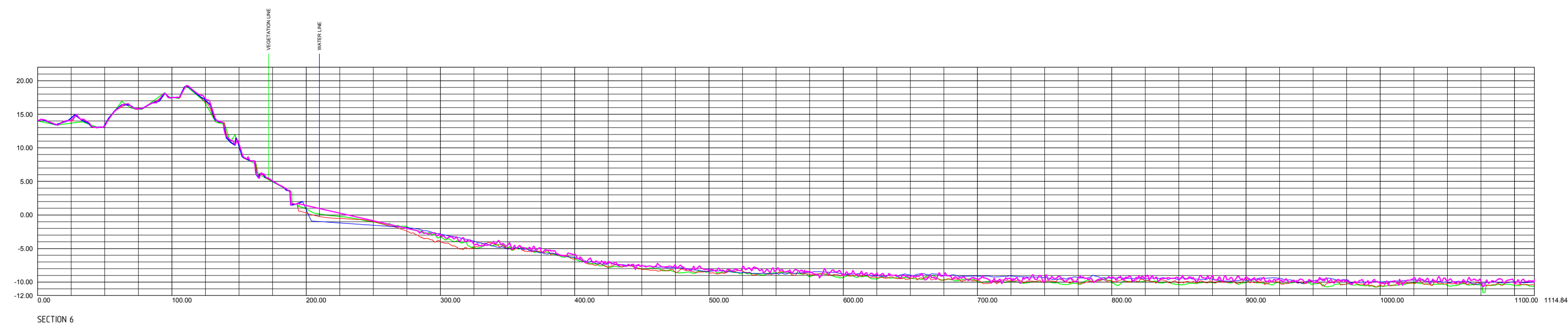


Appendix B Beach Survey Profiles



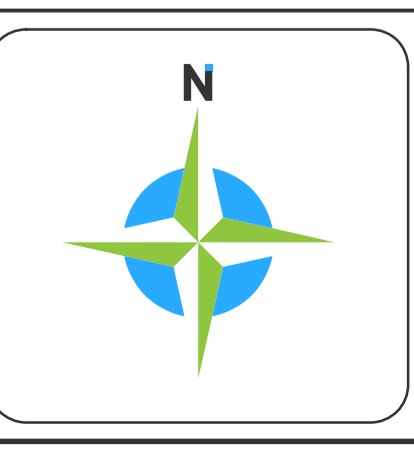
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C	Added 2017 Profiles	SAH	16/11/2017	DCK
B	Land Component Revised - Profile 6	SAH	13/11/2015	DCK
A	Initial Issue	SAH	13/11/2015	DCK

SCALE 1:2500 @ A1 - 1:5000 @ A3
 ALL DISTANCES ARE IN METRES
 For a true to scale reproduction of this plan, plot it to A1 with the Paging Scaling set to None.

FILES
 Ustation= 96402di-010c.dgn

ISO 9001 Quality Management
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FS 565311 OSH 591267



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Tel: (08) 6436 1599
 Fax: (08) 6436 1500
 info@mngsurvey.com.au
 www.mngsurvey.com.au
 ABN 90 009 363 311

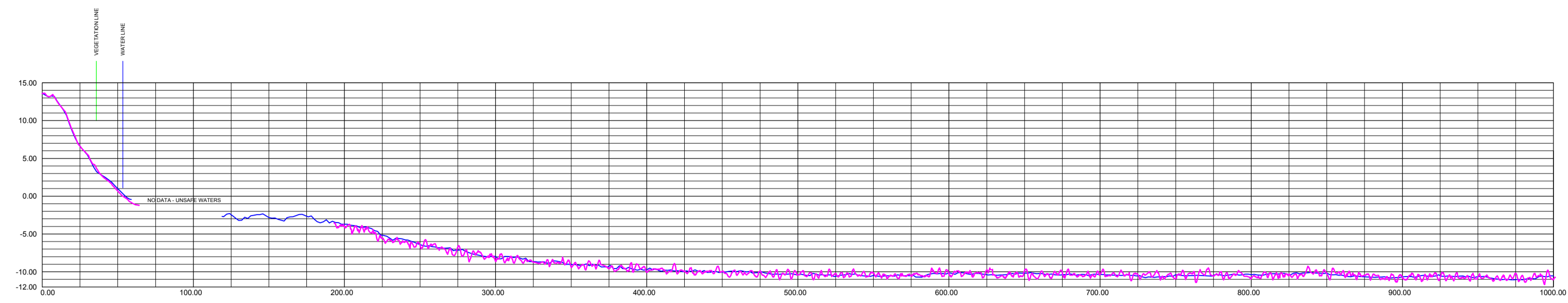
Offices in: Broome, Bunbury, Kununurra, Newman, Onslow, Port Hedland

HILLARYS TO OCEAN REEF
 FORSHORE MONITORING
 PROFILE 1 TO 6 - SHEET 1 OF 4.

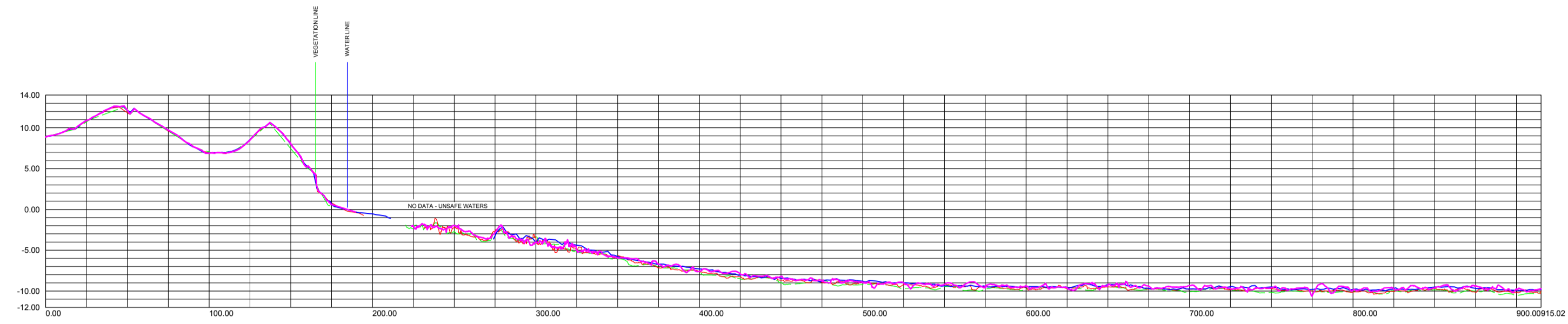
CLIENT: CITY OF JOONDALUP

Project Mngr: Dale Keighley Datum: PCG94/AHD

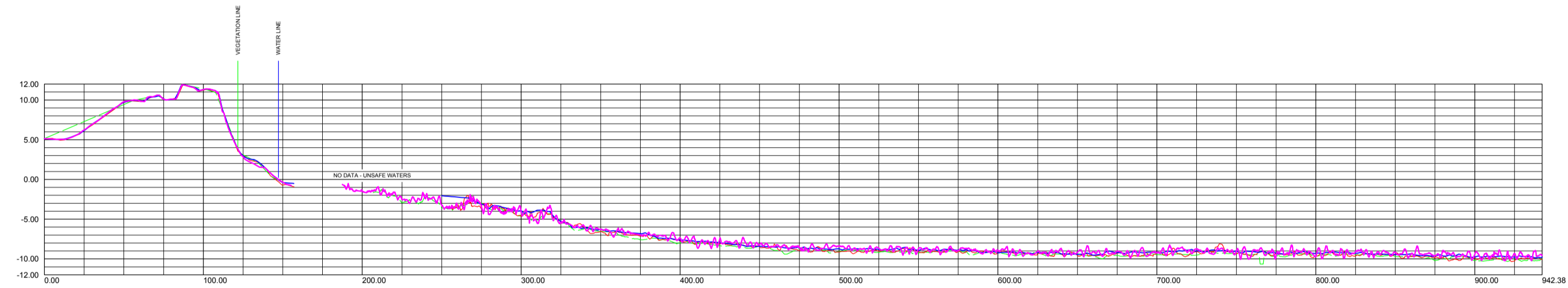
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 Job Number Plan Number Version



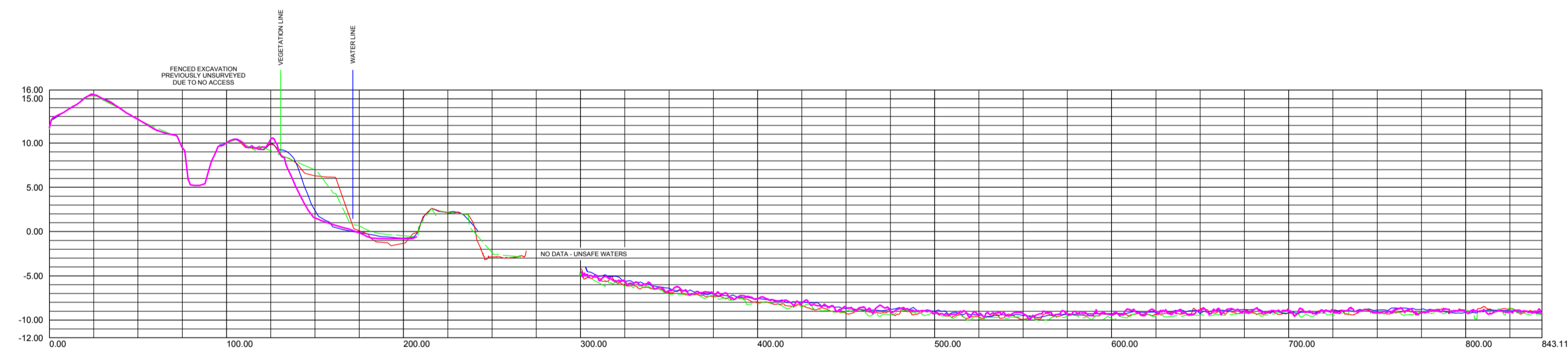
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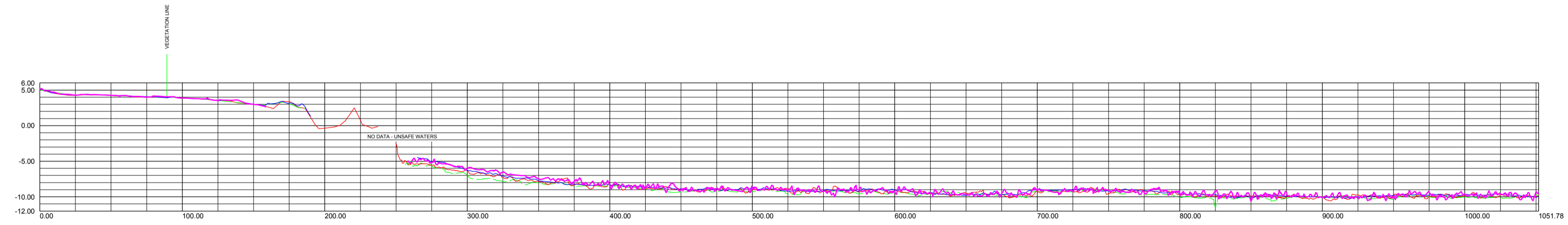
SECTION 10



SECTION 9



SECTION 8



SECTION 7



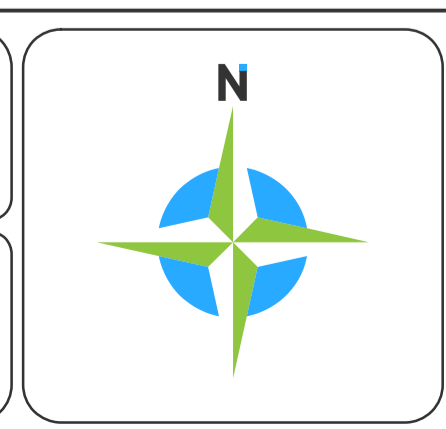
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B	Added 2017 Profiles	DKK	16/11/2017	SAH
A	Initial Issue	SAH	13/11/2015	DKK

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 ALL DISTANCES ARE IN METRES
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 SURVEYED DECEMBER 2013 - LAND / SEA
 SURVEYED NOVEMBER 2015 - LAND / SEA
 SURVEYED OCTOBER 2017 - LAND / SEA

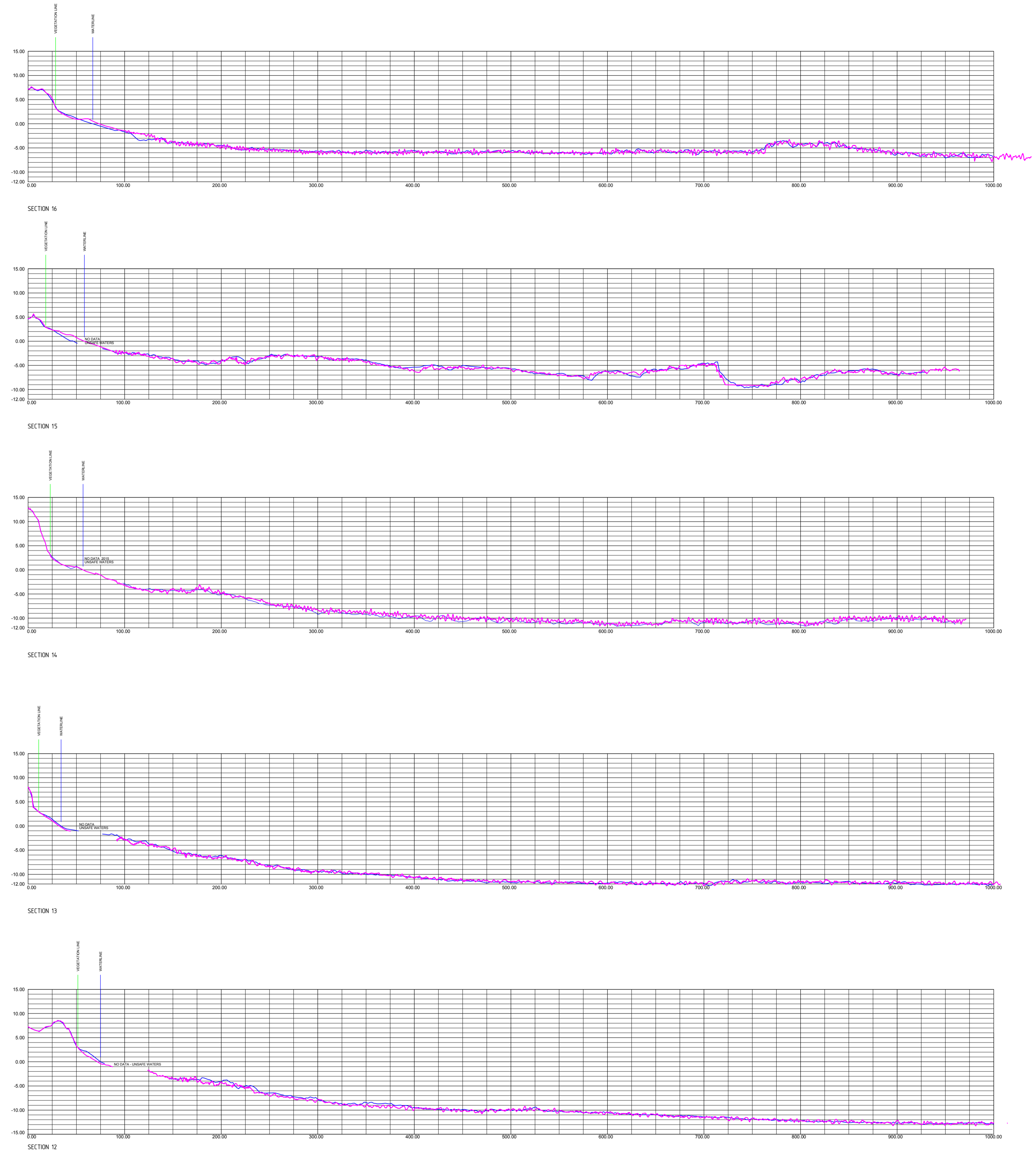
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HILLARYS TO OCEAN REEF
 FORESHORE MONITORING
 PROFILE 7 - 11 - SHEET 2 OF 4.

CLIENT: CITY OF JOONDALUP

Project Mgr.: Dale Keighley Datum: PCG94/AHD

96402 - 012 - B
 Job Number Plan Number Version



Rev.	Description	Drawn	Date	Checked
B	Added 2017 Profiles	DCK	16/11/2017	SAH
A	Initial Issue	SAH	13/11/2015	DCK

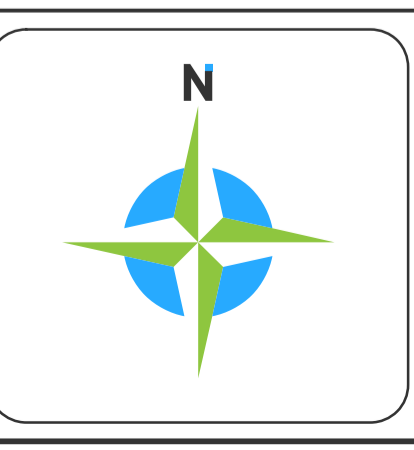
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 ALL DISTANCES ARE IN METRES
 For a true to scale reproduction of this plan, plot it to A1 with the Paging Scaling set to None.

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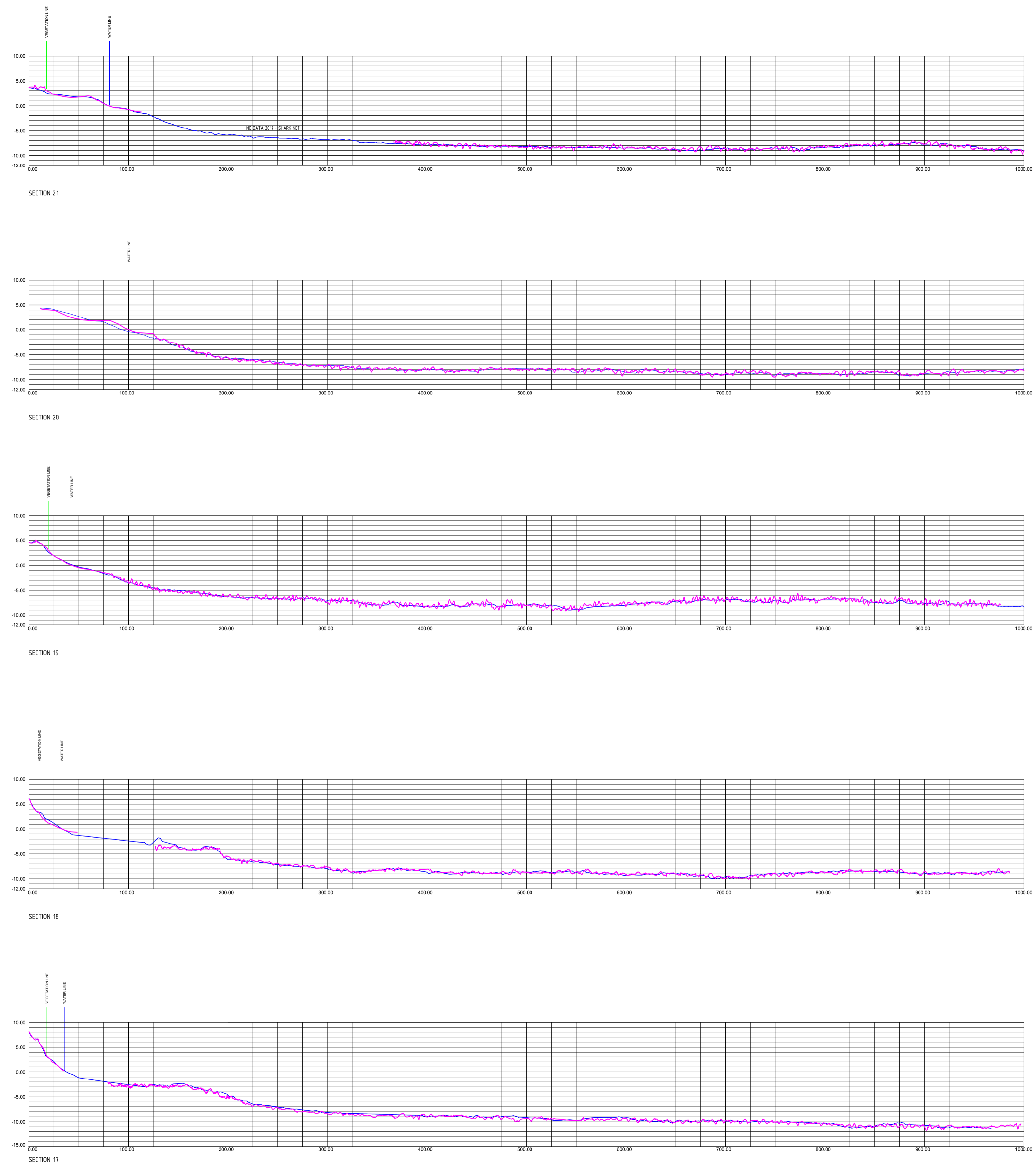
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HILLARYS TO OCEAN REEF
 FORESHORE MONITORING
 PROFILE 12-16 - SHEET 3 OF 4

CLIENT: CITY OF JOONDALUP

Project Mgr.: Dale Keighley Datum: PCG94/AHD

96402 - 013 - B
 Job Number Plan Number Version



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A	Initial Issue	SAH	13/11/2015	DCK

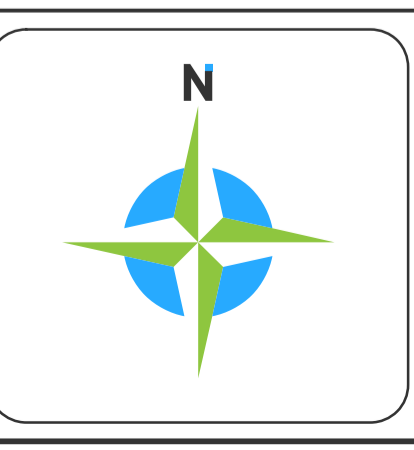
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 For a true to scale reproduction of this plan, plot it to A1 with the Paging Scaling set to None.

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FS 565311 OSH 591267



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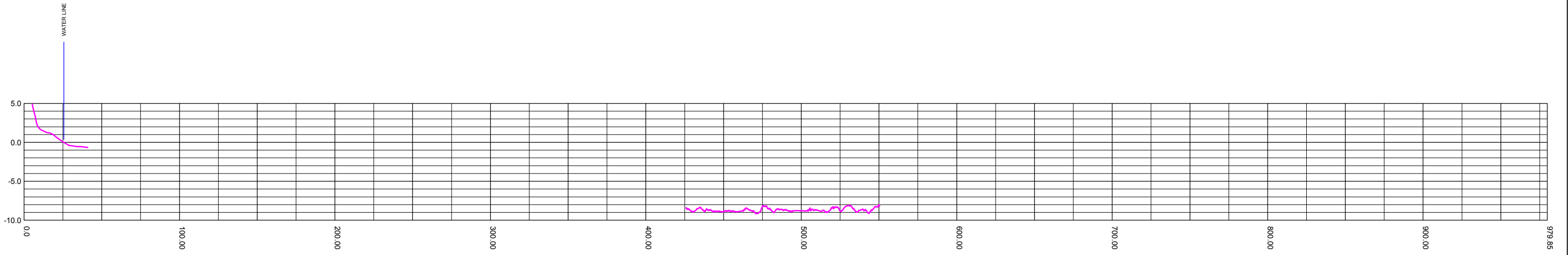
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HILLARYS TO OCEAN REEF
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 PROFILE 17-21 - SHEET 4 OF 4.

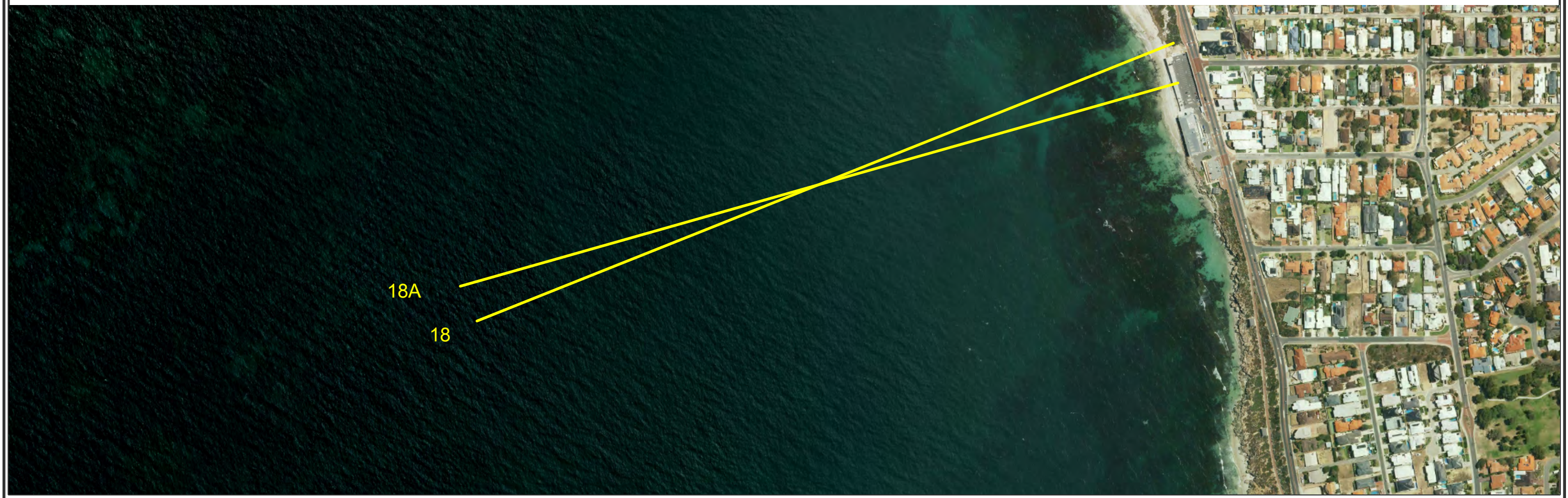
CLIENT: CITY OF JOONDALUP

Project Mngr: Dale Keighley Datum: PCG94/AHD

96402 - 014 - B
 Job Number Plan Number Version



SECTION 18A



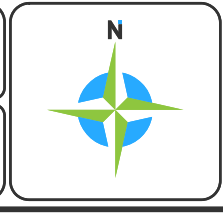
Rev.	Description	Drawn	Date	Checked
A	Initial Issue	DCK	23/11/2017	SAH

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 Model- 96402mp-017

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 FS 565311 OSH 591267



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 PROFILE 18A

CLIENT: CITY OF JOONDALUP

Project Mgr:	Dale Keighley	Datum	PCG98 / AHD
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96402 - 017 - A

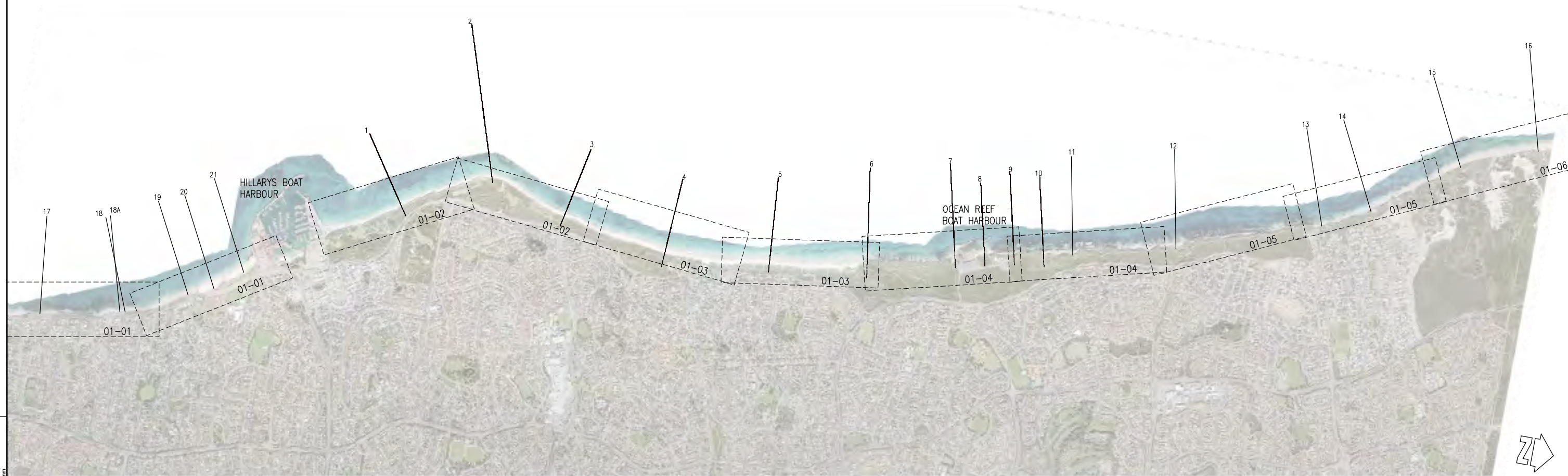
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Appendix C Photographic Monitoring & Survey Locations

CITY OF JOONDALUP

COASTAL MONITORING

DRAWING No.	TITLE
D1477-02-01	MARMION TO SORRENTO
D1477-02-02	HILLARYS TO WHITFORDS
D1477-02-03	WHITFORDS TO MULLALOO
D1477-02-04	OCEAN REEF
D1477-02-05	ILUKA TO BURNS BEACH
D1477-02-06	BURNS BEACH



CAD: D14770200A

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<p>DESIGNED T. HUNT</p>				<p>CHECKED T. HUNT</p>				<p>APPROVED</p>				<p>SCALE AT A1 NTS</p>											
<p>DRAWN R. BORJA</p>				<p>CHECKED T. HUNT</p>				<p>DRAWING NUMBER D1477-02-00</p>				<p>REV A</p>											
REV	DATE	APPROVED	AMENDMENT	REV	DATE	APPROVED	AMENDMENT																
A	11.12.17	TSH	PRELIMINARY ISSUE																				

AT CORRECT SCALE THIS IS 100 mm



LEGEND:

- SEAWALL
- EXPOSED ROCK
- X MONITORING PHOTO
- MONITORING PROFILE



- NOTES:**
1. AERIAL PHOTOGRAPH TAKEN AUGUST 2017.
 2. EXPOSED ROCK FROM DOT (2005).
 3. SEAWALL LOCATIONS FROM DOT (2005).

CAD: D14770201A

REV	DATE	APPROVED	AMENDMENT	REV	DATE	APPROVED	AMENDMENT
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 admin@coastsandports.com.au

PROJECT	JOONDALUP COASTAL MONITORING
TITLE	SHORELINE MOVEMENT PLAN MARMION TO SORRENTO
SCALE AT A1	1:2,000
DRAWING NUMBER	D1477-02-01
REV	A

AT CORRECT SCALE THIS IS 100 mm



LEGEND:

- SEAWALL
- EXPOSED ROCK
- X MONITORING PHOTO
- MONITORING PROFILE



NOTES:

1. AERIAL PHOTOGRAPH TAKEN AUGUST 2017.
2. EXPOSED ROCK FROM DOT (2005).
3. SEAWALL LOCATIONS FROM DOT (2005).

CAD: D14770202A

REV	DATE	APPROVED	AMENDMENT	REV	DATE	APPROVED	AMENDMENT
A	11.12.17	TSH	PRELIMINARY ISSUE				

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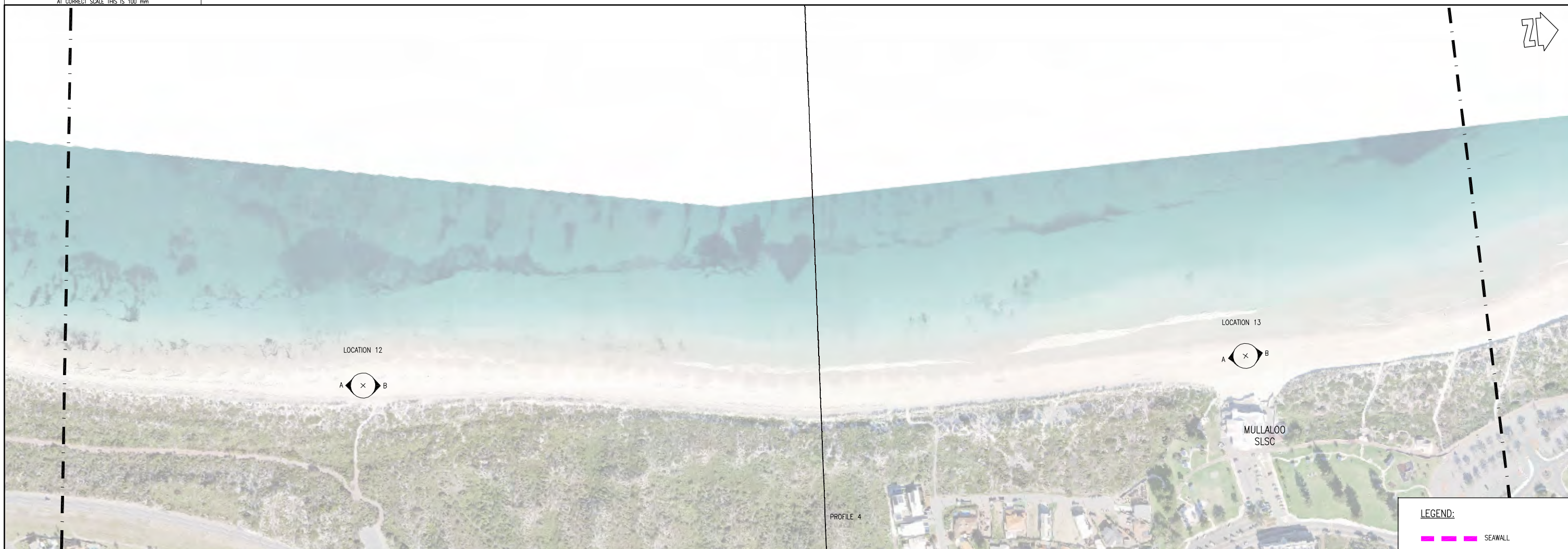
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PROJECT JOONDALUP COASTAL MONITORING	TITLE SHORELINE MOVEMENT PLAN HILLARYS TO WHITFORDS
SCALE AT A1 1:2,000	DRAWING NUMBER D1477-02-02
REV A	

AT CORRECT SCALE THIS IS 100 mm



LOCATION 12






LOCATION 13



MULLALOO SLSC

PROFILE 4

LEGEND:

-  SEAWALL
-  EXPOSED ROCK
-  MONITORING PHOTO
- MONITORING PROFILE



PROFILE 5

LOCATION 14



PROFILE 6

NOTES:

1. AERIAL PHOTOGRAPH TAKEN AUGUST 2017.
2. EXPOSED ROCK FROM DOT (2005).
3. SEAWALL LOCATIONS FROM DOT-(2005).

CAD: D14770203A

REV	DATE	APPROVED	AMENDMENT
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Western Australia



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PROJECT	JOONDALUP COASTAL MONITORING
TITLE	SHORELINE MOVEMENT PLAN WHITFORDS TO MULLALOO
SCALE AT A1	1:2,000
DRAWING NUMBER	D1477-02-03
REV	A

AT CORRECT SCALE THIS IS 100 mm



LEGEND:

- █ SEAWALL
- █ EXPOSED ROCK
-  MONITORING PHOTO
-  MONITORING PROFILE



NOTES:

1. AERIAL PHOTOGRAPH TAKEN AUGUST 2017.
2. EXPOSED ROCK FROM DOT (2005).
3. SEAWALL LOCATIONS FROM DOT (2005).

CAD: D14770204A

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<p>CHECKED T. HUNT</p>			<p>APPROVED</p>		

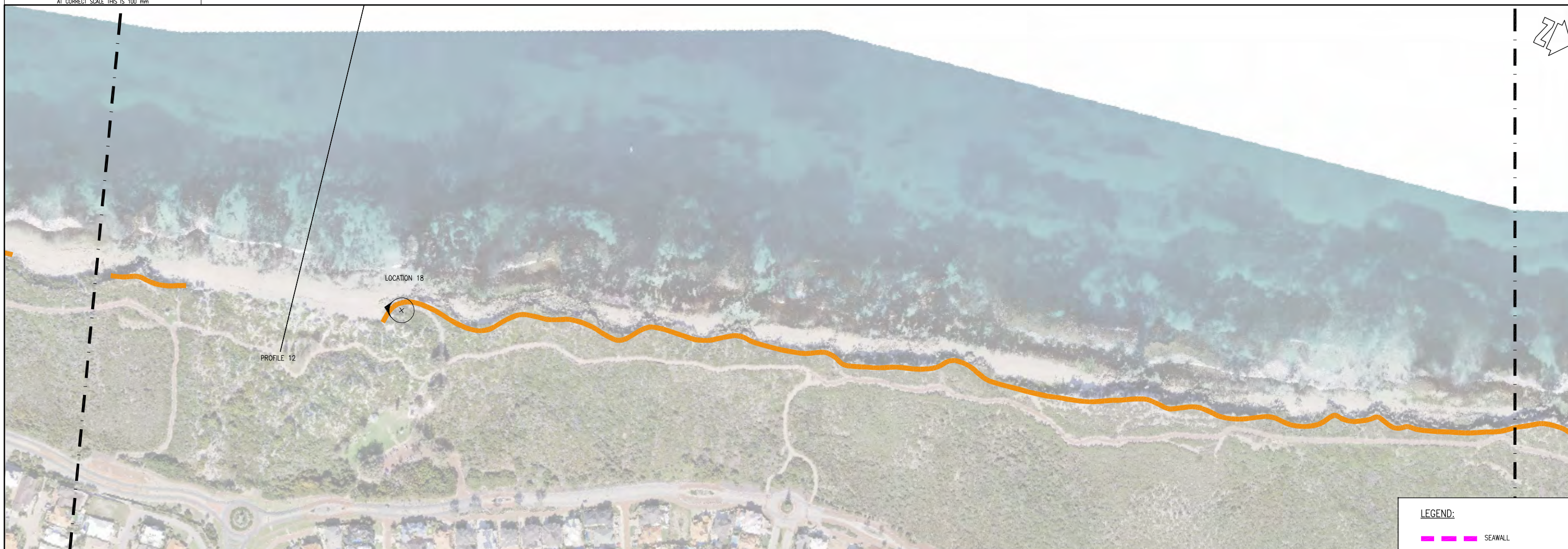
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Western Australia

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admin@coastsandports.com.au

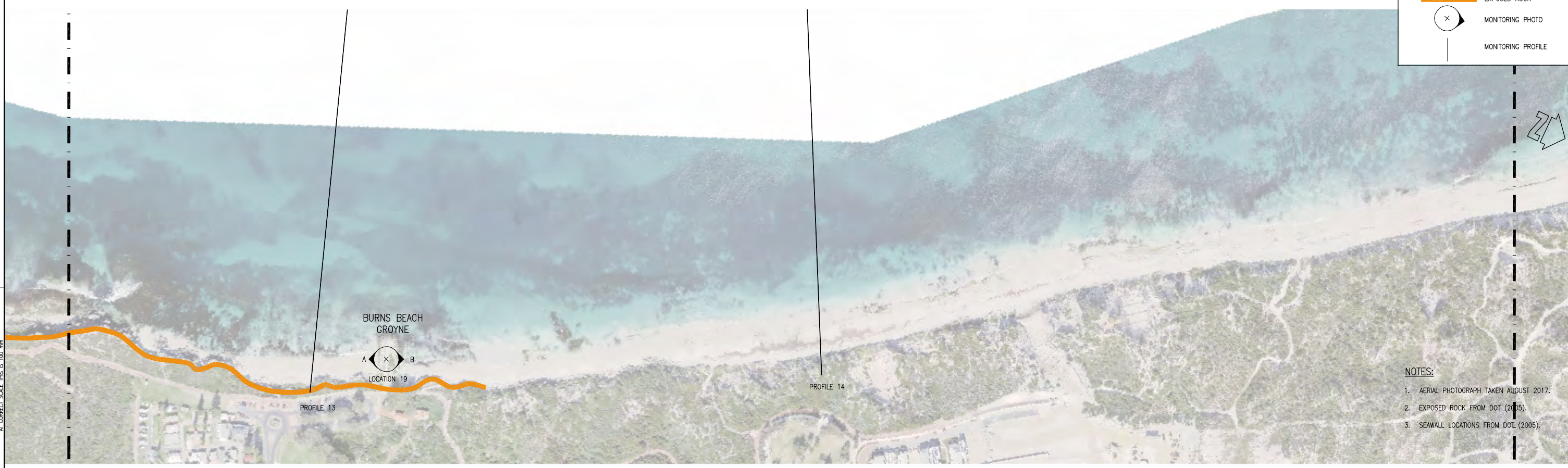
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SCALE AT A1 1:2,000	DRAWING NUMBER D1477-02-04	REV A	

AT CORRECT SCALE THIS IS 100 mm



LEGEND:

- SEAWALL
- EXPOSED ROCK
- MONITORING PHOTO
- MONITORING PROFILE



- NOTES:**
1. AERIAL PHOTOGRAPH TAKEN AUGUST 2017.
 2. EXPOSED ROCK FROM DOT (2005).
 3. SEAWALL LOCATIONS FROM DOT (2005).

CAD: D14770205A

REV	DATE	APPROVED	AMENDMENT	REV	DATE	APPROVED	AMENDMENT
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CLIENT CITY OF JOONDALUP		
DESIGNED	CHECKED	APPROVED
R. BORJA	T. HUNT	

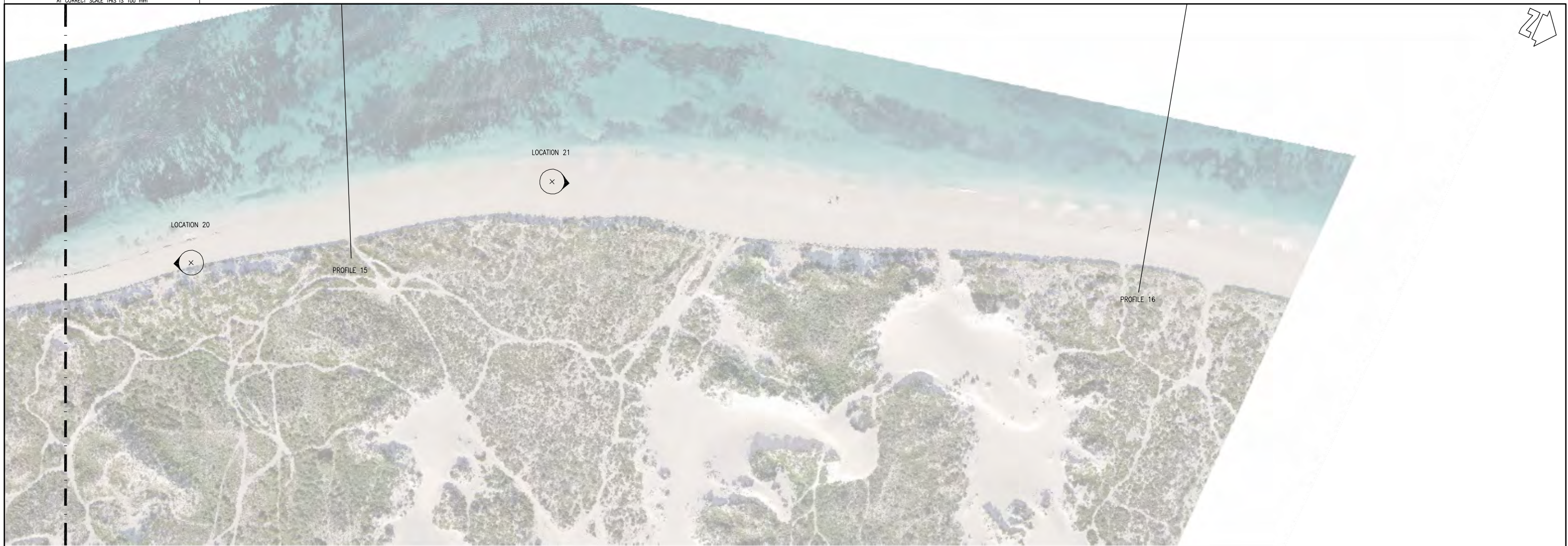
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PROJECT	JOONDALUP COASTAL MONITORING
TITLE	PHOTO & SURVEY LOCATION PLAN ILUKA TO BURNS BEACH
SCALE AT A1	1:2,000
DRAWING NUMBER	D1477-02-05
REV	A

AT CORRECT SCALE THIS IS 100 mm



LEGEND:

-  SEAWALL
-  EXPOSED ROCK
-  MONITORING PHOTO
-  MONITORING PROFILE

NOTES:

1. AERIAL PHOTOGRAPH TAKEN AUGUST 2017.
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												<p>TITLE PHOTO & SURVEY LOCATION PLAN BURNS BEACH</p>											
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