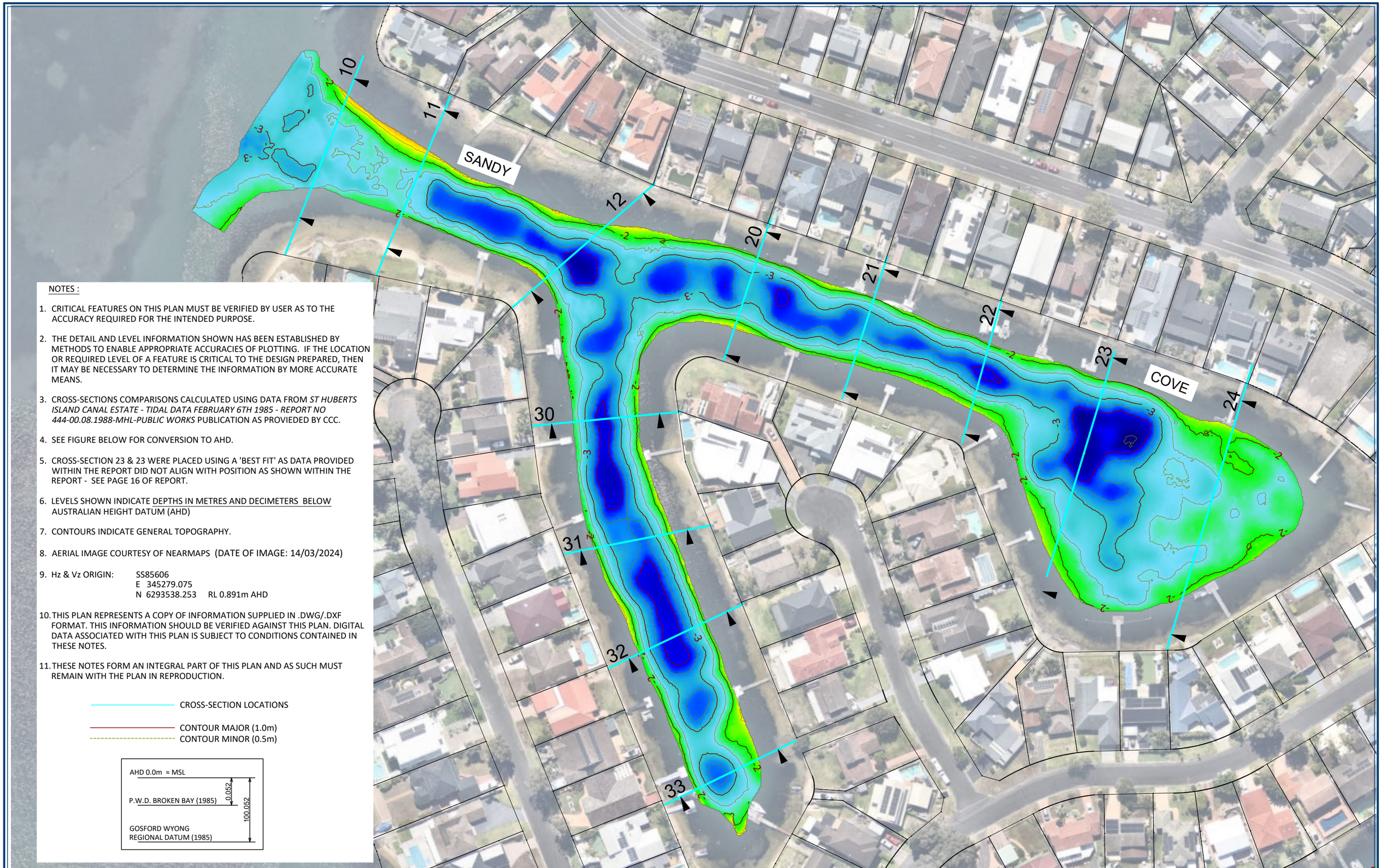

NOTES :

1. CRITICAL FEATURES ON THIS PLAN MUST BE VERIFIED BY USER AS TO THE ACCURACY REQUIRED FOR THE INTENDED PURPOSE.
2. THE DETAIL AND LEVEL INFORMATION SHOWN HAS BEEN ESTABLISHED BY METHODS TO ENABLE APPROPRIATE ACCURACIES OF PLOTTING. IF THE LOCATION OR REQUIRED LEVEL OF A FEATURE IS CRITICAL TO THE DESIGN PREPARED, THEN IT MAY BE NECESSARY TO DETERMINE THE INFORMATION BY MORE ACCURATE MEANS.
3. CROSS-SECTIONS COMPARISONS CALCULATED USING DATA FROM *ST HUBERTS ISLAND CANAL ESTATE - TIDAL DATA FEBRUARY 6TH 1985 - REPORT NO 444-00.08.1988-MHL-PUBLIC WORKS* PUBLICATION AS PROVIEDED BY CCC.
4. SEE FIGURE BELOW FOR CONVERSION TO AHD.
5. CROSS-SECTION 23 & 23 WERE PLACED USING A 'BEST FIT' AS DATA PROVIDED WITHIN THE REPORT DID NOT ALIGN WITH POSITION AS SHOWN WITHIN THE REPORT - SEE PAGE 16 OF REPORT.
6. LEVELS SHOWN INDICATE DEPTHS IN METRES AND DECIMETERS BELOW AUSTRALIAN HEIGHT DATUM (AHD)
7. CONTOURS INDICATE GENERAL TOPOGRAPHY.
8. AERIAL IMAGE COURTESY OF NEARMAPS (DATE OF IMAGE: 14/03/2024)
9. Hz & Vz ORIGIN: SS85606
   E 345279.075
   N 6293538.253 RL 0.891m AHD
10. THIS PLAN REPRESENTS A COPY OF INFORMATION SUPPLIED IN .DWG/.DXF FORMAT. THIS INFORMATION SHOULD BE VERIFIED AGAINST THIS PLAN. DIGITAL DATA ASSOCIATED WITH THIS PLAN IS SUBJECT TO CONDITIONS CONTAINED IN THESE NOTES.
11. THESE NOTES FORM AN INTEGRAL PART OF THIS PLAN AND AS SUCH MUST REMAIN WITH THE PLAN IN REPRODUCTION.

CROSS-SECTION LOCATIONS

CONTOUR MAJOR (1.0m)
CONTOUR MINOR (0.5m)

CLIENT:	CENTRAL COAST COUNCIL		
0	22/05/2024	ORIGINAL ISSUE	SB
REV	DATE	DESCRIPTION	CKD

Central Coast Council

PROJECT

SANDY COVE CANAL COMPARISON
ST HUBERTS ISLAND
NSW 2257

HYDROGRAPHIC SURVEY & XS PLAN

N

HORZ. DATUM	MGA56 (2020)
VERT. DATUM	AHD71
ORIGIN OF HEIGHTS	
SSM 85605	RL 0.891mAHD
ORIGINAL SHEET SIZE:	A3

SHEET 01 OF 03

DRAWING NUMBER NCS-XS-00 REVISION 0

0m 12.5m 25m 37.500 50m
LENGTHS ARE IN METERS

SCALE 1:1250			
	SURVEYED	PH	09/05/2024
	DRAFTED	PH	22/05/2024
NCS NUMBER 24046	CHECKED	SB	22/05/2024
	APPROVED	JS	22/05/2024

NORTH COAST SURVEYS
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Phone: (02) 6696 3758

240510 ST HUBERTS ISLAND HYDRO CAD.DWG

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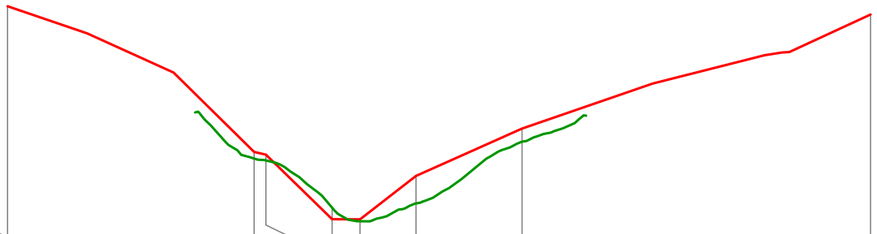
PLOTTED: 5/23/2024 10:16 AM

XS12

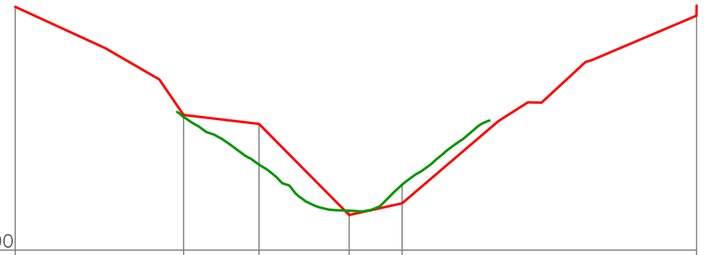


Datum R.L. −5.00

DIFFERENCE		+0.16 +0.14	−0.28	+0.05	+0.67	+0.32		
1985	0.95	−2.61 −2.68	−4.26	−4.26	−3.20	−2.04		0.75
2024		−2.78 −2.82	−3.98	−4.31	−3.87	−2.36		
Chainage	0.0	20.1 21.1	26.5	28.7	33.3	42.0		70.4

Scale Horizontal 1:500 Vertical 1:150

XS22

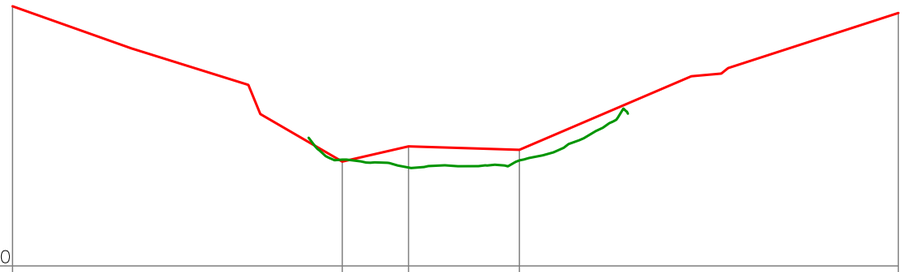


Datum R.L. −5.00

DIFFERENCE		+0.05	+0.99	−0.11	−0.46			
1985	0.95	−1.69	−1.91	−4.14	−3.85			0.98
2024		−1.75	−2.91	−4.03	−3.40			
Chainage	0.0	13.7	19.9	27.2	31.6			55.6

Scale Horizontal 1:500 Vertical 1:150

XS11

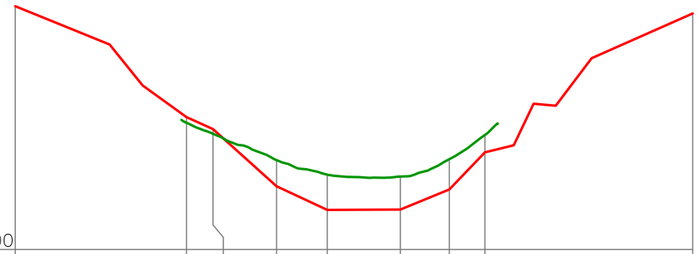


Datum R.L. −5.00

DIFFERENCE		−0.05	+0.52	+0.26				
1985	1.35	−2.45	−2.08	−2.16				1.18
2024		−2.40	−2.59	−2.42				
CHAINAGE	0.0	26.9	32.3	41.3				72.2

Scale Horizontal 1:500 Vertical 1:150

XS21

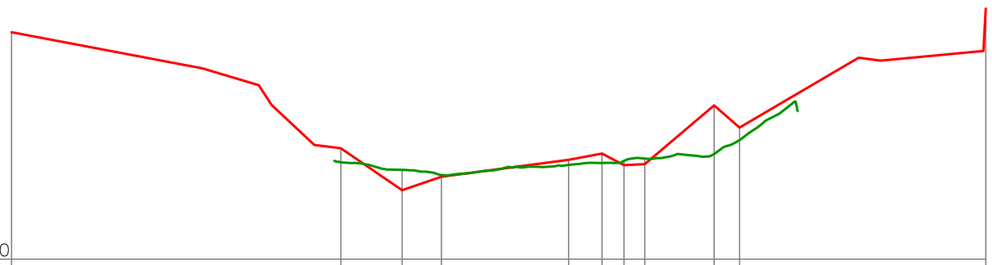


Datum R.L. −5.00

DIFFERENCE		+0.14 +0.11	−0.64	−0.86	−0.81	−0.74	−0.42	
1985	0.95	−1.76 −2.05	−3.45	−4.03	−4.02	−3.53	−2.62	0.77
2024		−1.90 −2.17	−2.82	−3.17	−3.22	−2.79	−2.20	
Chainage	0.0	14.0 16.1	21.3	25.4	31.4	35.4	38.3	55.2

Scale Horizontal 1:500 Vertical 1:150

XS10

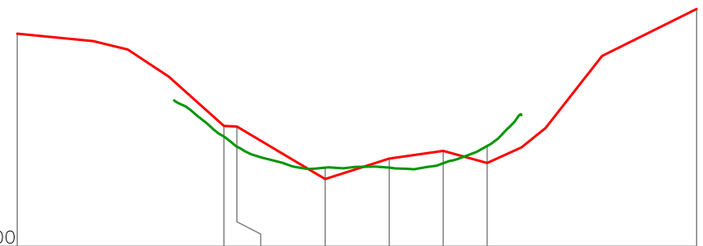


Datum R.L. −5.00

DIFFERENCE		+0.34	−0.50	−0.04	+0.12	+0.23	−0.10	−0.14	+1.19	+0.31			
1985	0.55	−2.29	−3.31	−2.98	−2.57	−2.42	−2.70	−2.68	−1.24	−1.78			1.13
2024		−2.63	−2.82	−2.94	−2.69	−2.65	−2.60	−2.54	−2.43	−2.09			
Chainage	0.0	26.9	31.9	35.1	45.4	48.2	50.0	51.6	57.3	59.4			79.5

Scale Horizontal 1:500 Vertical 1:150

XS20



Datum R.L. −5.00

DIFFERENCE		+0.26 +0.49	−0.28	+0.22	+0.30	−0.42		
1985	0.20	−2.06 −2.07	−3.36	−2.85	−2.67	−2.96		0.80
2024		−2.31 −2.56	−3.07	−3.07	−2.97	−2.55		
Chainage	0.0	16.9 17.9	25.1	30.3	34.7	38.3		55.4

Scale Horizontal 1:500 Vertical 1:150

CLIENT:	CENTRAL COAST COUNCIL		
0	22/05/2024	ORIGINAL ISSUE	SB
REV	DATE	DESCRIPTION	CKD

Central Coast Council

PROJECT

SANDY COVE
ST HUBERTS ISLAND
NSW 2257

CROSS-SECTIONS 10 - 22

HORZ. DATUM MGA56 (2020)
VERT. DATUM AHD71
ORIGIN OF HEIGHTS
SSM 85605 RL 0.891mAHD
ORIGINAL SHEET SIZE: A3

SHEET 02 OF 03

DRAWING NUMBER NCS-XS-01 REVISION 0

SCALE

NCS NUMBER 24046

SURVEYED	PH	09/05/2024
DRAFTED	PH	22/05/2024
CHECKED	SB	22/05/2024
APPROVED	JS	22/05/2024

NORTH COAST SURVEYS
Web: northcoastsurveys.com.au
Email: office@northcoastsurveys.com.au
Phone: (02) 6696 3758

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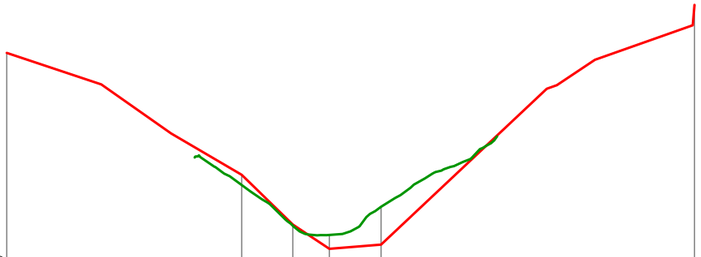
XS30

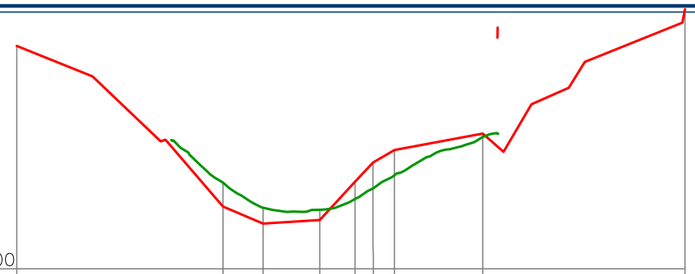


Datum R.L. −5.00

DIFFERENCE		+0.25	+0.03	−0.34	−0.93		
1985 0.35		−2.63	−3.85	−4.44	−4.34		1.52
2024		−2.88	−3.87	−4.10	−3.41		
Chainage 0.0		19.2	23.3	26.3	30.5		56.1

Scale Horizontal 1:500 Vertical 1:150

XS33

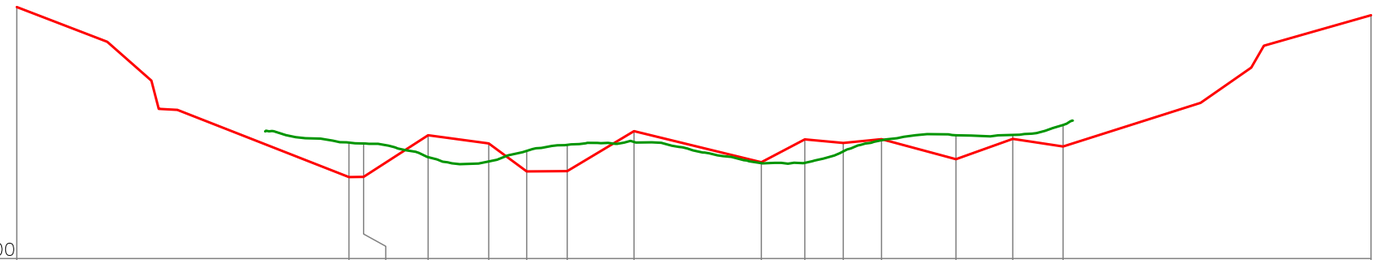


Datum R.L. −5.00

DIFFERENCE		−0.59 −0.39	−0.25	+0.42	+0.63	+0.62	+0.08		
1985 0.45		−3.48 −3.89	−3.81	−2.87	−2.40	−2.10	−1.69		1.35
2024		−2.89 −3.51	−3.56	−3.29	−3.04	−2.71	−1.78		
Chainage 0.0		16.8 20.1	24.7	27.6	29.0	30.8	38.0		54.5

Scale Horizontal 1:500 Vertical 1:150

XS24

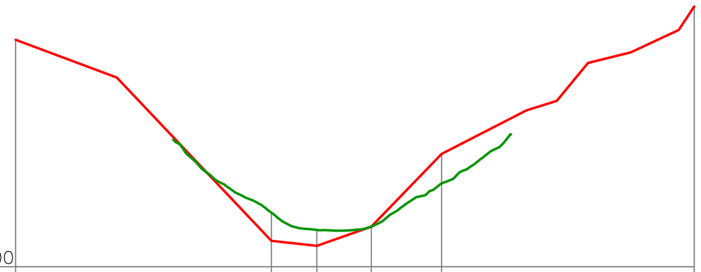


Datum R.L. −5.00

DIFFERENCE		−0.84 −0.82	+0.53	+0.44	−0.50	−0.64	+0.26		+0.02	+0.57	+0.21	+0.03		−0.59	−0.10	−0.53				
1985 1.15		−3.01 −3.00	−1.98	−2.18	−2.87	−2.86	−1.88		−2.64	−2.09	−2.17	−2.08		−2.57	−2.07	−2.26		0.95		
2024		−2.17 −2.19	−2.52	−2.63	−2.37	−2.22	−2.15		−2.67	−2.66	−2.38	−2.11		−1.99	−1.98	−1.73				
Chainage 0.0		27.1 28.3	33.5	38.5	41.6	44.9	50.3		60.7	64.3	67.4	70.5		76.6	81.2	85.3		110.4		

Scale Horizontal 1:500 Vertical 1:150

XS32

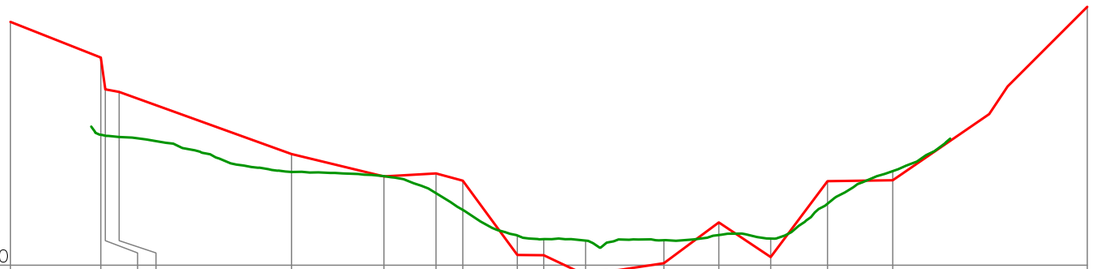


Datum R.L. −5.00

DIFFERENCE		−0.69 −0.39	−0.00	+0.72			
1985 0.55		−4.37 −4.49	−4.02	−2.24		1.36	
2024		−3.68 −4.10	−4.02	−2.96			
Chainage 0.0		20.9 24.6	29.0	34.7		55.3	

Scale Horizontal 1:500 Vertical 1:150

XS23

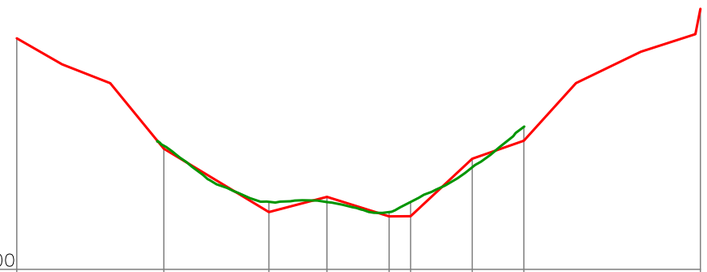


Datum R.L. −5.00

DIFFERENCE		+1.89 +1.13 +1.10		+0.44		−0.01	+0.48	+0.71		−0.48	−0.39	−0.84		−0.56	+0.31	−0.45		+0.55	−0.23	
1985 0.95		0.08 −0.70 −0.76		−2.28		−2.83	−2.76	−2.93		−4.75	−4.76	−5.24		−4.95	−3.95	−4.80		−2.95	−2.92	1.32
2024		−1.81 −1.83 −1.87		−2.72		−2.82	−3.24	−3.65		−4.27	−4.36	−4.40		−4.39	−4.26	−4.35		−3.50	−2.70	
Chainage 0.0		7.4 7.7 8.9		22.9		30.5	34.7	36.9		41.3	43.5	46.9		53.3	57.8	62.0		66.6	72.0	87.8

Scale Horizontal 1:500 Vertical 1:150

XS31



Datum R.L. −5.00

DIFFERENCE		−0.07	−0.25	+0.13	−0.11	−0.34	+0.21	−0.34	
1985 0.65		−2.05	−3.60	−3.23	−3.70	−3.70	−2.30	−1.85	1.37
2024		−1.98	−3.35	−3.35	−3.60	−3.36	−2.50	−1.51	
Chainage 0.0		12.0	20.6	25.3	30.4	32.1	37.1	41.4	55.8

Scale Horizontal 1:500 Vertical 1:150

CLIENT:	CENTRAL COAST COUNCIL		
0	22/05/2024	ORIGINAL ISSUE	SB
REV	DATE	DESCRIPTION	CKD

Central Coast Council

PROJECT

SANDY COVE
ST HUBERTS ISLAND
NSW 2257

CROSS-SECTIONS 23 - 33

HORZ. DATUM	MGA56 (2020)
VERT. DATUM	AHD71
ORIGIN OF HEIGHTS	SSM 85605 RL 0.891mAHD
ORIGINAL SHEET SIZE:	A3
SHEET	03 OF 03
DRAWING NUMBER	NCS-XS-02
REVISION	0
SCALE	
NCS NUMBER	24046

SURVEYED	PH	09/05/2024
DRAFTED	PH	22/05/2024
CHECKED	SB	22/05/2024
APPROVED	JS	22/05/2024

NORTH COAST SURVEYS
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Phone: (02) 6696 3758

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