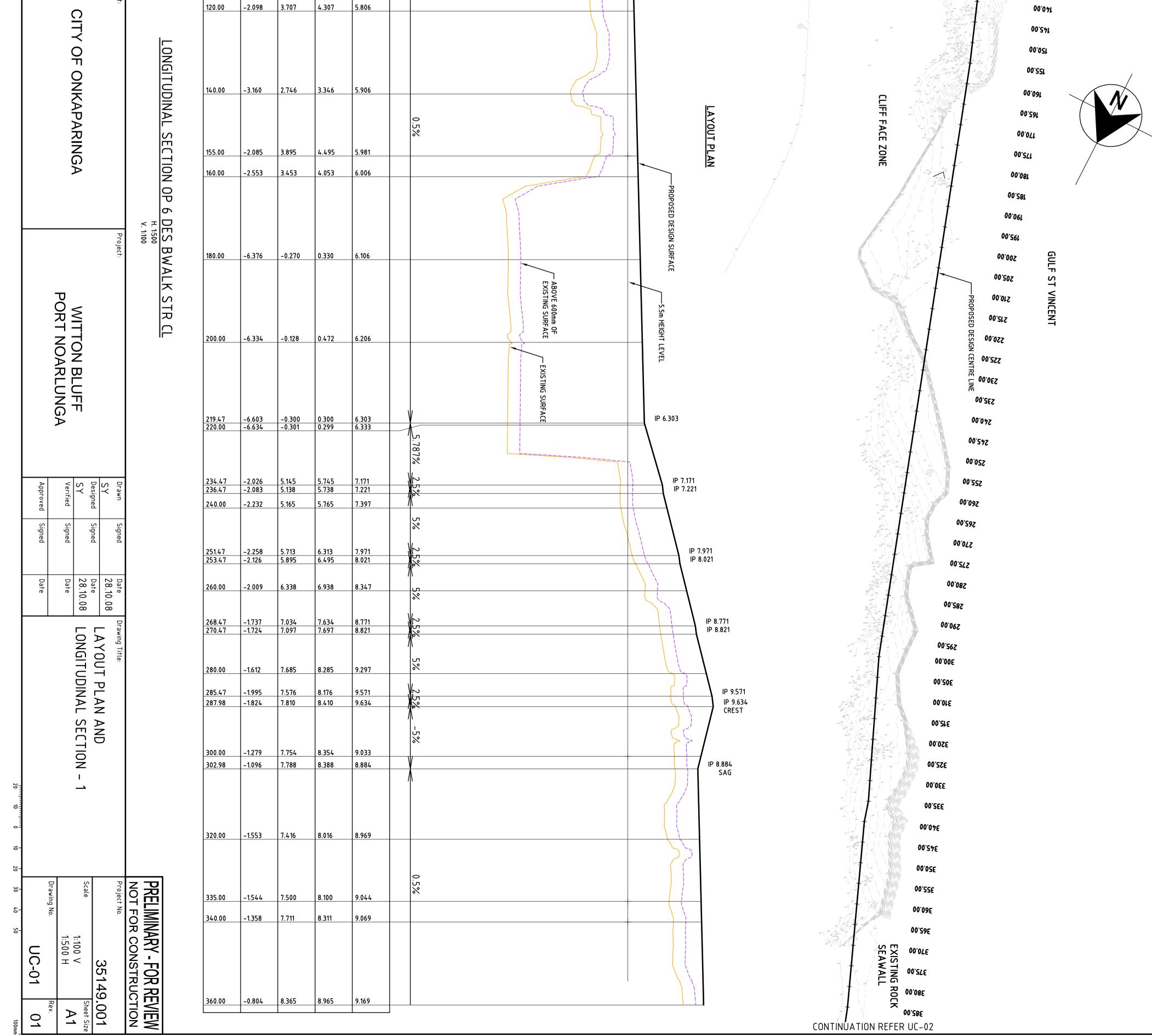
01 28.10.08 FOR REVIEW	DEPTH CENTRELINE CHAINAGE	DESIGN CENTRELINE LEVEL EXISTING SURFACE PLUS NATURAL SURFACE LEVEL	EXISTING BEACH AREA %% %% %% %% %% %% %% %% %% %% %% %% %%
	0.00 -0.300	6	in and the second secon
	5.00 -0.512		5%
	15.00 -2.629 15.01 -2.630 17.00 -2.223 20.00 -1.287	3.381 3.981 6.009 3.379 3.979 6.009 3.836 4.436 6.059 4.922 5.522 6.209	IP 6.009 IP 6.059 IP 6.059
	30.00 -3.307 32.00 -3.601 34.00 -3.737 35.00 -3.661	3.402 4.002 6.709 3.208 3.808 6.809 3.122 3.722 6.859 3.248 3.848 6.909	V V V V V V V V V V V V V V V V V V V
Y	40.00 -1.574 41.71 -1.089 43.71 -1.334		IP 7.245
	43.71 -1.334	5.861 6.461 7.195	
	50.00 -1.780	5.100 5.700 6.880	
Connell Wagner Pty Ltd ABN 55 Grenfell Street Adelaide South Australia 5000 Australia	58.71 -3.417 60.00 -3.363 60.71 -3.333 65.00 -3.116		N 00'5L UN 00'08 UN 00'58 UN 00'58 UN 00'06
and other	75.71 -2.435 77.71 -2.354 80.00 -2.317	3.210 3.810 5.645 3.240 3.840 5.595 3.289 3.889 5.606	N IP 5.645 IP 5.595 SAG
TEF 139 873 Telephone:+61 8 8237 9777 Facsimile: +61 8 8237 9778 Email: cwadl@conwag.com	100.00 -2.084	3.622 4.222 5.706	00'0EL 00'0EL
C	115.00 -2.013	3.768 4.368 5.781	00.2ET
ient:			

DEVICE= \\SYD2K_SERVER05\LEXMARK OPTRA N LEVEL 2 NORTH

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Connell Wagner Pty Ltd ABN 54 005 139 873 Telephone: +61 8 8237 97 55 Grenfell Street Adelaide South Australia 5000 Australia South Australia accepts the risk of: 1. using the drawings and other data in electronic form without requesting and checking them for			UT/FILL EPTH	NATURAL SURFACE LEVEL	EXISTING SURFACE PLUS 600	DESIGN CENTRELINE
ABN 5 Ide Istralia Istralia		360.00	-0.804	8.365	ACE PLUS 600	9.169
ABN 54 005 139 873 ABN 54 oof 139 873 ABN 54 oof 139 873		362.98 377.98 379.98	-0.815 -3.615 -3.531 -3.530	8.369 4.818 4.852 4.853	8.969 5.418 5.452 5.453	9.184 8.434 8.384 8.383
Telephone: +61 8 8237 9777 Facsimile: +61 8 8237 9778 Email: cwadl@conwag.com	ITUDINAL	380.00 385.00	-3.258	4.875	5.475	8.133
m	LONGITUDINAL SECTION OP	394.98 396.98 400.00	-2.624 -2.548 -2.422	5.009 5.035 5.011	5.609 5.635 5.611	7.634 7.584 7.433
\frown	6 DES H. 1:500 V. 1:100	411.98 413.98 420.00	-1.854 -1.806 -1.466	4.980 4.977 5.017	5.580 5.577 5.617	6.834 6.784 6.483
CITY OF ONKAPARINGA	BWALK STR CL	428.98 430.98 435.00	-0.971 -0.907 -0.821	5.062 5.076 5.104	5.662 5.676 5.704	6.034 5.984 5.925
ARINGA		440.00	-0.728	5.125	5.725	5.853
,	Project:	460.00 464.34	-0.147 -0.014	5.416	6.016 6.086	5.563
WITTO PORT N		480.00 483.09 484.34 484.85	0.000 0.000 -0.000 0.000	5.832 5.898 5.943 5.938	6.432 6.498 6.543 6.538	5.832 5.898 5.943 5.938
SYSY28.10.08DN BLUFFDesignedSignedDateSYSY28.10.08VerifiedVerifiedSignedDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDate	Drawn Signed Date Drawing Title:					

CENTRELINE CHAINAGE	CUT/FILL DEPTH	NATURAL SURFACE LEVEL	EXISTING SURFACE PLUS 600	DESIGN CENTRELINE LEVEL	Datum RL. 0.00	GRADE %	VERTICAL CURVE	HORIZONTAL CURVE		
360.00	-0.804	8.365	8.965	9.169		0				_
362.98	-0.815	8.369	8.969	9.184		5%				IP 9.184
502.70	-0.015	0.007	0.707	7.104		-5%				CREST
377.98	-3.615	4.818	5.418	8.434		-2.5%				IP 8.434
379.98	-3.531	4.852	5.452	8.384		Ψ <u>υ</u>				IP 8.384
380.00	-3.530	4.853	5.453	8.383		Å ≈				
385.00	-3.258	4.875	5.475	8.133		<u>∧</u> -5%				
<u>394.98</u> 396.98	-2.624 -2.548	5.009 5.035	5.609 5.635	7.634 7.584		-2.5%				IP 7.634 IP 7.584
						\mathbb{N}				
400.00	-2.422	5.011	5.611	7.433		-5%				PROPOS
/ 11 00	105/	1 000	F F 00	(07)		V.			/	
411.98	-1.854	4.980	5.580	6.834		᠊᠊ᡟᢅᡃᠳ				
413.98 420.00	<u>-1.806</u> -1.466	4.977 5.017	5.577 5.617	6.784 6.483		-5%				IP 6.834 IP 6.784 IP 6.784
						.				-

-1.45%

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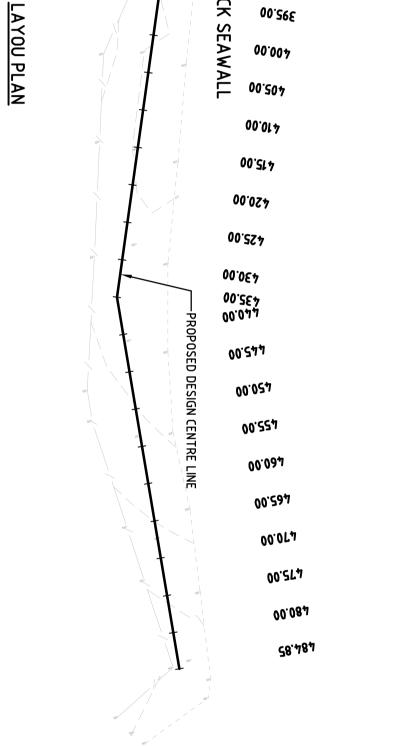
EXISTING SURFACE

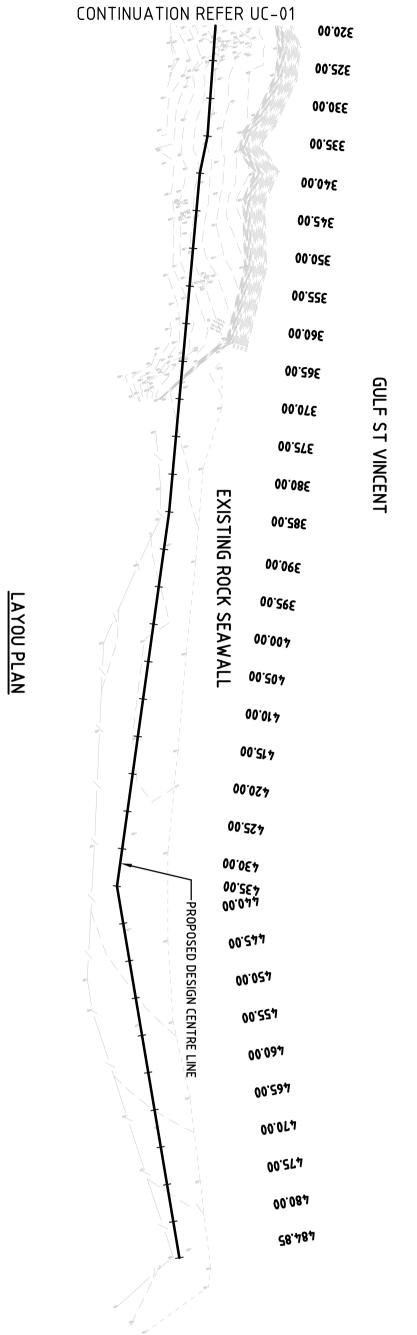
IP 6.034 IP 5.984

IP 5.500 SAG

- ABOVE 600mm OF EXISTING SURFACE CREST CREST

5.5m HEIGHT LEVEL





				01.DWG	FILENAME= W:\35149-001\UC 01.DWG	USER= SOPHIA YAN	SCALE=1:1	PLOT DATE=11/7/2008 11:31 AM	LOT DAT	
reed to in writing by Connell Wa	accuracy against the original hard copy versions; 2. using the drawings or other data for any purpose not agreed to in writing by Connell Wagner	Ver. App.	Ver.	Drn			Revision Details	Date	Rev.	STYLE=
pts the risk of: out requesting and checking the	A person using Connell Wagner drawings and other data accepts the risk of: 1. using the drawings and other data in electronic form without requesting and checking them for			ΥS			FOR REVIEW	28.10.08	01	:
										_
Facsimile: +61 8 8237 9778	55 Grenfell Street Adelaide South Australia 5000 Australia									
3 Telephone: +61 8 823	Connell Wagner Pty Ltd ABN 54 005 139 873 Telephone:+61 8 8237 9777									
	Connen Arghiel									
1										

	DESIGN OFFSET	EXISTING SURFACE	DEPTH	EXISTING SURFACE PLUS	design height	Centreline Data X = 4699.97 Y = 3019.734 Z = 5.956 Datum -1
CHAINAGE	2.022	2 ((7	0.000	600	2 6 6 7	
$\overline{\mathbf{A}}$	-2.023	3.667 3.669	0.000 -2.306	4.267 4.269	3.667 5.976	
	0.000	4.304	-1.652	4.209	5.956	1%
E 150.000	2.000	4.536 4.537	-1.400	5.136 5.137	5.936 4.537	-1%
00						Ϋ́

Centreline Data X = 4793.845 Y = 2921.909 Z = 5.259 Datum 2

- 10/o

			1%	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	-1%
Centreline Data X = 4684.115 Y = 3067.151 Z = 6.206					
Datum -2			\checkmark		
Design Height		-0.285	6.226	6.206	6.186 -0.064
EXISTING SURFACE PLUS	600	0.315	0.316	0.472	0.530 0.536
DEPTH		-0.000	-6.510	-6.334	-6.256 0.000
EXISTING SURFACE		-0.285	-0.284	-0.128	-0.070 -0.064
DESIGN OFFSET		-2.065	-2.000	0.000	2.000 2.063

DESIGN OFFSET	EXISTING SURFACE	DEPTH	EXISTING SURFACE PLUS 6	DESIGN HEIGHT	Datum -2	П	X = 4684.115 Y = 3067.151	Centreline Data	
-2.065 -2.000 0.000	-0.285 -0.284 -0.128	-0.000 -6.510 -6.334	0.315 0.316 0.472	-0.285 6.226 6.206					
2.000	-0.070	-6.256	0.530	6.186					

	DESIGN OFFSET	EXISTING SURFACE	DEPTH	EXISTING SURFACE PLUS	design height	Centreline Data X = 4668.435 Y = 3114.628 Z = 7.897 Datum 4
CHAINAGE	-2.025 -2.000 0.000	5.441 5.444 5.642	-0.000 -2.474 -2.256	6.041 6.044 6.242	5.441 7.917 7.897	1%
E 250.000	2.000 2.020	5.874 5.876	-2.004	6.474 6.476	7.877 5.876	-1%

Centreline Data X = 4748.314 Y = 2933.177 Z = 6.88 Datum 0

EXISTING

SURFACE

EXISTING

SURFACE

PLUS

600

5.406

5.410

5.700

5.665

5.665

Design Height

4.806

6.900

6.880

6.860

5.065

DEPTH

0.000

-2.090

-1.780

-1.795

-0.000

DESIGN

OFFSET

-2.021 4.806

-2.000 4.810

2.000 5.065

2.018 5.065

5.100

0.000

CHAINAGE

50.000

000	00.			Þ	CHAINAGE 100.000	
	2.019	2.000	0.000	-2.000	-2.022 -2.000	DESIGN OFFSET
	3.771	3.770	3.622	3.506	3.505	EXISTING SURFACE
	-0.000	-1.916	-2.084	-2.220	0.000	DEPTH
	4.371	4.370	4.222	4.106	4.105	EXISTING SURFACE PLUS
	3.771	5.686	5.706	5.726	3.505 5.726	Design Height
EXISTING SURFACE						= 2974. = 5.706 atum 1
ABOVE 600mm OF EXISTING SURFACE		-1%	1%			Centreline Data X = 4719.962

PROPOSED DESIGN SURFACE

DEVICE= \\SYD2K_SERVER05\LEXMARK OPTRA N LEVEL 2 NORTH

DESIGN

OFFSET

-2.007 4.620 -2.000 4.621

2.000 5.563

2.003 5.566

0.000

4.959

CHAINAGE

0.000

EXISTING

SURFACE

EXISTING

SURFACE

PLUS

600

5.220

5.221

5.559

6.163

6.166

design height

4.620

5.279

5.259

5.239

5.566

DEPTH

-0.000

-0.658

-0.300

0.324

-0.000

Drawn SY Designed SY Verified Approved	.000							000							
Signed Date 28.10.08 Signed Date Signed Date Signed Date		DESIGN OFF	EXISTING 2	DEPTH	EXISTING SL		Centreline Data X = 4595.862 Y = 3300.271 Z = 5.708 Datum 4			DESIGN OF	EXISTING	DEPTH	EXISTING SL		X = 4575.109 Y = 3328.269 Z = 5.938 Datum 4
CROSS SECTIONS	CH	FSET	SURFACE		SURFACE PLUS 600	HEIGHT	152 ata	(CH,	OFFSET	SURFACE		SURFACE PLUS 600	HEIGHT	
SNO	CHAINAGE 450.	-2.005 -2.000 0.000 2.000 2.004	5.203 5.203 5.259 5.316 5.316	-0.000 -0.525 -0.449 -0.372 -0.000	5.803 5.803 5.859 5.916 5.916	5.203 5.728 5.708 5.688 5.316	1% -1%			-2.000 -2.000 0.000 2.000	5.931 5.931 5.938	-0.000 -0.027 0.000	6.531 6.531 6.538 5.918	5.931 5.958 5.938	1% -1%
	450.000								484.851						
Project No. Scale Drawing No. UC	PRELIMINARY - FOR REVIEW														
35149.001 30 V 00 H A1 A1 Pev Rev 01	FOR REVIEV														

WITTON BLUFF PORT NOARLUNGA

CITY OF ONKAPARINGA

	ect	
	Ξ	

CHAINAGE 300.0

EXISTING SURFACE

DESIGN OFFSET

-2.015 7.526 -2.000 7.527 0.000 7.754

8.203 8.204

2.000 2.008

DEPTH

-0.000 -1.526 -1.279

-0.809

ESIGN	XISTING	DEPTH	
OFFSET	SURF A CE		

Rev.	Date
1:200 V 1:200 H A1	28.10.08 Date
35149	07
	Date Drawing Title:
PRELIMINARY - FOR REVIEW	
CHAINAGE 450.000	
-2.005 -2.000 0.000 2.000 2.004	DESIGN OFFSET
	EXISTING SURFACE
-0.000 -0.525 -0.449 -0.372 -0.000	DEPTH
5.803 5.803 5.859 5.916 5.916	EXISTING SURFACE PLUS
5.203 5.728 5.708 5.688 5.316	Design Height
	Centreline Data X = 4595.862 Y = 3300.271 Z = 5.708 Datum 4
CHAINAGE 484.851	
-2.000 -2.000 0.000 2.000	DESIGN OFFSET
5.931 5.931 5.938	EXISTING SURFACE
-0.000 -0.027 0.000	DEPTH
6.531 6.538 5.918	EXISTING SURFACE PLUS
5.931 5.958 5.938	Design Height
	X = 4575.109 Y = 3328.269 Z = 5.938 Datum 4

atum 4	entreline Data = 4595.862 = 3300.271 = 5.708

design h	HEIGHT
EXISTING	SURFACE P
DEPTH	
EXISTING	SURFACE
DESIGN (OFFSET

I		1%
T	ĺ	1% -1%

Centreline Data X = 4652.754 Y = 3162.106 Z = 9.033 Datum -2

Design Height

7.526 9.053 9.033

9.013 8.204

EXISTING SURFACE PLUS

600

8.126 8.127 8.354

8.803 8.804

CHAINAGE 350.0

Centreline Data X = 4634.111 Datum 4 Design Height EXISTING SURFACE PLUS 600 EXISTING SURFACE			571 -1.448 8.271 9.119	
			1 9.1	
			8.271	
DEPTH		-	-1.448	
EXISTING SURFACE	7.442	7.444	7.671	8.064 8.067
DESIGN OFFSET	-2.017	-2.000	0.000	2.000 2.010

CHAINAGE 400.000

Centreline Data X = 4616.208 Y = 3255.134 Datum 3 DESIGN HEIGHT EXISTING SURFACE PLUS	600	5.596 4.996 5.596 7.453 ∕ →	5.611 7.433	5.663 7.413 3
EXISTING SURFACE PLUS	600			
DEPTH		0.000 -2.456	-2.422	-2.349 0.000
EXISTING SURFACE		4.996	5.011	5.063 5.065
DESIGN OFFSET		-2.025 -2.000	0.000	2.000 2.023

DESIGN OFFSET	EXISTING SURFACE	DEPTH	EXISTING SURFACE PLUS	DESIGN HEIGHT	2 = 7.433 Datum 3	X = 4616.208 Y = 3255.134
			600			1
-2.025	4.996	0.000	5.596	4.996		
-2.000	4.996	-2.456	5.596	7.453		
0.000	5.011	-2.422	5.611	7.433		

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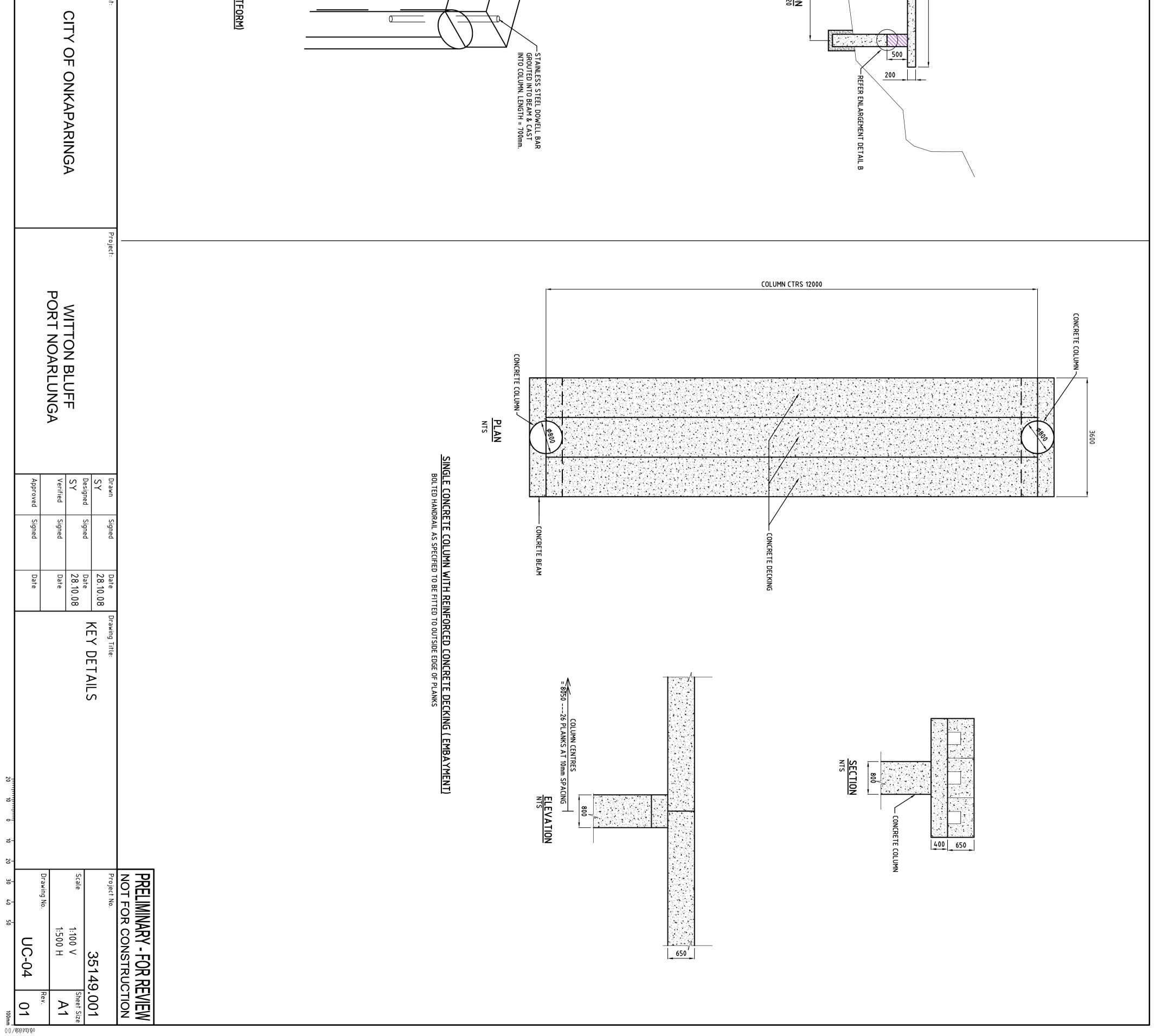
CHAINAGE 200.000

YLE=		DEVICE= \\SYD2K_SERVER05\LEXMARK OPTRA N LEVEL 2 NORTH		
01 Rev.				
28.10.08 Date			$\nabla \sqrt{1}$	
FOR REVIEW Revision Details			STANLESS DOWELL IGmmø DOWELL BAR C BOOMELLONG S DOWELL BAR C B GROUTED NI	COLUMN CTRS 4950 CONCRETE COLUMN SCALE 1:20
Drn Ver.			300mm LONG STAINLESS STEEL DOWELL BAR CAST INTO BEAM & GROUTED INTO PLANK	CONCRETE BE
r. App.		BOLTED	MING BEAMS	ITE BEAM
	Connell Wagner Pty Ltd ABN 54 005 139 873 55 Grenfell Street Adelaide South Australia 5000 Australia	RETE COLUMN WITH REINFOR NANDRAIL AS SPECIFIED TO BE FITTED	NG BEAM SPANNING COLUMNS	REFER ENLA
A person using Connell Wagner drawings and other data accepts the risk of: 1. using the drawings and other data in electronic form without requesting and checking them for accuracy against the original hard copy versions; 2. using the drawings or other data for any purpose not agreed to in writing by Connell Wagner.	ABN 54 005 139 873 Telephone: +61 8 8237 9777 Facsimile: +61 8 8237 9778 Email: cwadl@conwag.com	LE TAIL B NTS		ARGEMENT DETAIL A
	Client:	2 PLATE		3800 2500 SECTION SCALE 1:20

300

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GLIMPSED VIEWS OF THE ROCK PLATFORM. THE PROPOSED BASE TRAIL WILL BE VISIBLE FROM THIS LOCATION. OPTIONS FOR MATERIAL COLOUR WILL NEED TO CONSIDER COMPLIMENTING COLOURATION OF THE ROCK PLATFORM.

.

VIEWS TOWARD THE PORT NOARLUNGA JETTY FROM VIEWING AREA ON THE ESPLANADE. THE BASE TRAIL WILL HAVE LIMITED VISUAL IMPACT FROM THIS AREA DUE TO VEGETATION AND TOPOGRPAHIC SCREENING.

VIEWS TOWARDS THE NORTHERN HEADLAND. THERE IS POTENTIAL TO PLANT COASTAL VEGETATION WITHIN THIS AREA TO REDUCE THE IMPACT OF THE PROPOSED RAMP.

> VIEW TOWARDS THE NORTH WITH THE COVE FORMING A ZONE OF PROTECTION FROM THE PREVAILING SOUTH WESTERLY WINDS. THE RAMP SHOULD REFELCT THE CURVE PROVIDING OPPORTUNITIES FOR **REVEGETATION OF COASTAL SHRUB.**

WITTON BLUFF BASE TRAIL SITE ANALYSIS

© SWANBURY PENGLASE ARCHITECTS ACN 008 202 775 244 GILBERT ST ADELAIDE SA 5000 TEL (08) 8212 2679 FAX (08) 8212 3162 mail@swanburypenglase.com www.swanburypenglase.com

WITTON BLUFF- THE SOUTHERN HEADLAND OF THE BASE TRAIL AND POINT OF CONNECTION TO PORT NOARLUNGA. THE PROPOSED RAMP CONSIDERS THE SENSITIVITY OF THE HEADLAND.

VIEWS TOWARDS WITTON BLUFF. IT IS IMPORTANT TO PROVIDE VIEWS OF THE HEADLAND FROM THE TRAIL AS IT IS A LANDMARK REFERENCE.

VIEWS OF THE ROCK PLATFORM. THE PROPOSED BASE TRAIL WILL BE VISIBLE FROM THIS LOCATION. THE COLOURATION OF THE ROCK PLATFORM WILL NEED TO BE CONSIDERED FOR A COMPLIMENTARY MATERIAL COLOUR SELECTION.

VIEWS TOWARDS THE PROPOSED WITTON BLUFF BASE TRAIL FROM THE PORT NOARLUNGA JETTY. THE ANGLE OF INCLINE OF THE ROCK PLATFORM AND COLOURATION OF THE CLIFF FACE WILL NEED TO BE CONSIDERED IN THE MATERIAL PALETTE SELECTION. THE EMBAYMENT TO THE CENTRE OF THE FIELD OF VIEW FORMS A SIGNIFICANT FEATURE AND WILL NEED TO BE TREATED WITH SENSITIVITY. FURTHERMORE THE ELEVATION OF THE STRUCTURE ON THE ROCK PLATFORM WILL NEED TO CONSIDER THE VISUAL MASS OF THE STRUCTURE BY LIMITING THE AMOUNT OF COLUMNS .

the second second second

SMALL ERODED DEPRESSION ON THE ROCK PLATFORM. THE DESIGN OF THE STRUCTURE WILL NEED TO CONSIDER ELIMINATING THE NEED FOR STRUCTURAL COLUMNS IN THIS LOCATION. THIS WILL REDUCE THE VISUAL MASS FROM VIEWPOINTS ALONG THE PORT NOARLUNGA JETTY. LOCATED CLOSE TO THIS SMALL DE-PRESSION ARE PILE HOLES WHERE A SHELTER STRUCTURE ONCE WAS ERECTED.



VIEWS ACROSS THE EMBAYMENT. THIS AREA IS A FEATURE OF THE TRAIL. THE BASE TRAIL DESIGN WILL NEED TO CONSIDER A STRUCTURAL FORM WHICH ACCENTUATES THIS LOCATION. THERE IS AN OPPORTUNITY TO DESIGN AN ICONIC STRUCTURE.





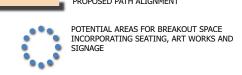
swanbury penglase architects *of human space*





10.10.08 **08146SK01B**



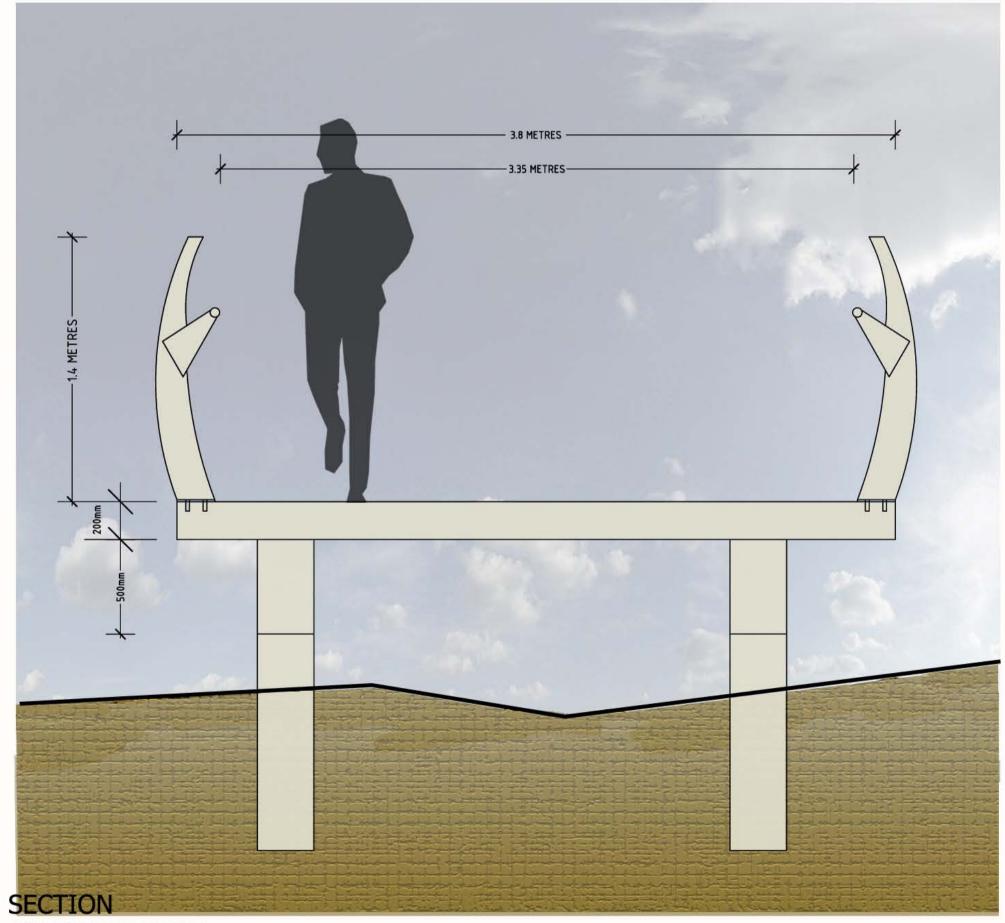


LANDSCAPE CONCEPT

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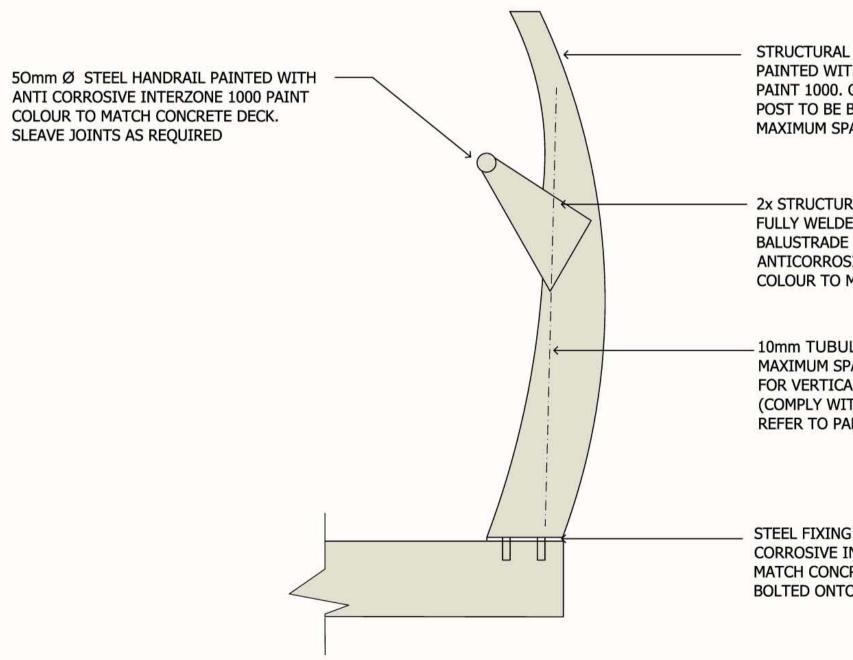
08146SK02B





CONCRETE DECK SCALE 1:20@A1

WITTON BLUFF BASE TRAIL **CONCRETE DECK**



SECTION BALUSTRADE DETAIL SCALE 1:10@A1

STRUCTURAL STEEL BALUSTRADE POST PAINTED WITH ANTI CORROSIVE INTERZONE PAINT 1000. COLOUR TO MATCH CONCRETE DECK. POST TO BE BOLTED TO CONCRETE DECK MAXIMUM SPACING OF 2000mm

- 2x STRUCTURAL STEEL FLAT BAR FULLY WELDED TO BOTH SIDES OF BALUSTRADE POST. PAINTED WITH ANTICORROSIVE INTERZONE PAINT 1000 COLOUR TO MATCH CONCRETE DECK

— 10mm TUBULAR STEEL MAXIMUM SPACING OF 80mm FOR VERTICALS (COMPLY WITH BCA) REFER TO PANEL ELEVATION

STEEL FIXING PLATE PAINTED WITH ANTI CORROSIVE INTERZONE 1000. COLOUR TO MATCH CONCRETE DECK BOLTED ONTO CONCRETE BEAM.





10.10.08 08146 SK05C



PHOTOMONTAGE- ARTISTS IMPRESSION NOT TO SCALE

WITTON BLUFF BASE TRAIL PHOTOMONTAGE

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11.11.08 08146 SK10