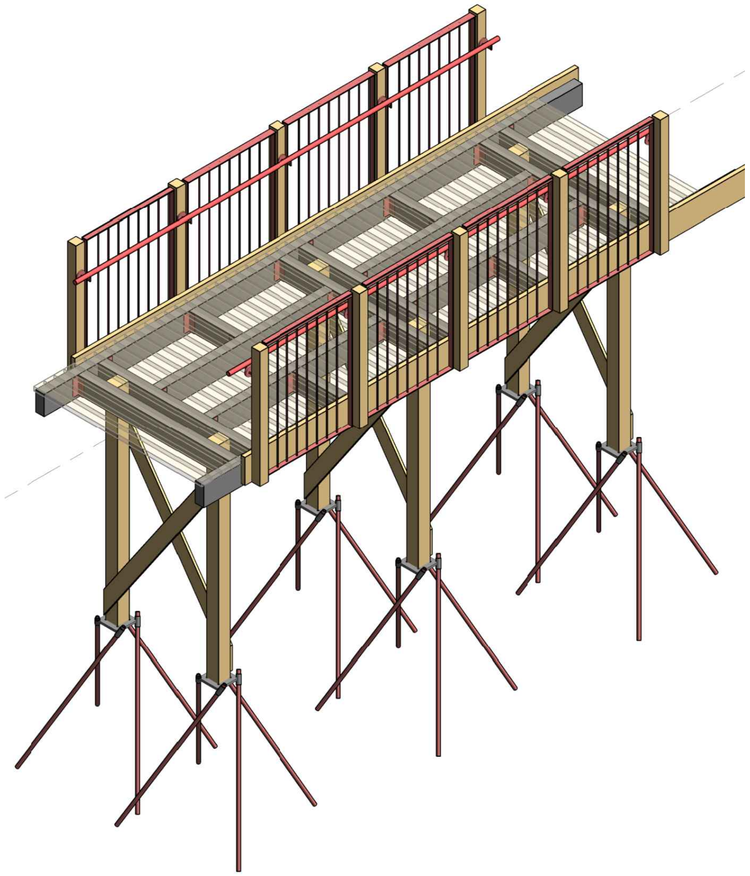




CELL 10 KEY PLAN

SCALE: 1:1000

CIVIL DRAWING LIST

SHEET NAME	DRAWING NUMBER	REVISION
COVER SHEET	J0439-CIV-DRG-1000	T1
STANDARD CIVIL NOTES	J0439-CIV-DRG-1001	T1
CELL 10_LONG SECTION CH 000 - CH 140	J0439-CIV-DRG-1011	T1
CELL 10_LONG SECTION CH 140 - CH 278	J0439-CIV-DRG-1012	T1
CELL 10_LONG SECTION CH 602 - CH 757	J0439-CIV-DRG-1015	T1
CELL 10_BOAT RAMP ENLARGED PLAN	J0439-CIV-DRG-1021	T1
CELL 10_CROSS SECTIONS CH 000 - 278	J0439-CIV-DRG-1031	T1
CELL 10_CROSS SECTIONS CH 602 - 757	J0439-CIV-DRG-1032	T1
STANDARD CIVIL DETAILS	J0439-CIV-DRG-1100	T1

STRUCTURAL DRAWING LIST

SHEET NAME	DRAWING NUMBER	REVISION
BOARDWALK STRUCTURE DETAILS 01	J0439-STR-DRG-0020	T1
BOARDWALK STRUCTURE DETAILS 02	J0439-STR-DRG-0030	T1

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MARION COASTAL WALKWAY UPGRADE - CIVIL AND STRUCTURAL DRAWING SET

NOTE:
1. FOR GENERAL NOTES REFER TO DRAWING J0439-CIV-DRG-1001
2. ALL DIMENSIONS TO BE CONFIRMED PRIOR TO CONSTRUCTION.
3. ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ARCHITECTURAL, SERVICES AND OTHER CONSULTANTS DRAWINGS.
4. REFER TYPICAL CROSS SECTION DETAIL A AND B ON SHEET 1100
5. REFER STRUCTURAL DRAWINGS 0020 AND 0030 FOR DETAILS OF BOARD WALK FROM CH 614 TO CH 728

SCALE 1 : 1000
0 10 20 30 40 50 100 m

TENDER

CLIENT:	REV:	DATE:	DESCRIPTION:	IVR:	APR'D:
ASPECT Studios™					
	T1	09/04/2021	ISSUED FOR TENDER	07	JCA

TITLE:	NAME:
DRAFTER	ESA
DRAFTING CHECK	TM
DESIGNER	JSH
DESIGN CHECK	JCA
PROJECT MANAGER	JSH

MARION COASTAL WALKWAY UPGRADE
CELL 10: FIELD RIVER
HALLETT COVE, SA 5158
COVER SHEET

INNOVIS Agile Outcomes

SCALE:	DATE:	PHASE:	SHT SIZE:
	09/04/2021	TENDER	A1

DRAWING NUMBER: J0439-CIV-DRG-1000
REVISION: T1

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FILE LOCATION: File Path

0 10mm AT A1 20 30 40 50 60 70 80 90 100

GENERAL NOTES

1. THESE DRAWINGS ARE NOT CADASTRAL PLANS AND MUST NOT BE USED IN DETERMINING PRECISE DETAILS WITH RESPECT TO BOUNDARIES.
2. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
3. ALL DIMENSIONS SHALL BE VERIFIED ON SITE.
4. ALL LEVELS ARE EXPRESSED IN METRES.
5. ALL CO-ORDINATES ARE A.M.G. BASED, UNLESS NOTED OTHERWISE.
6. LEVEL DATUM IS A.H.D.
7. OUTLET PIPE I.L. ARE SET AT PIT I.L. UNLESS NOTED OTHERWISE.

SUPPLIED SET OUT INFORMATION

8. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE RELEVANT SPECIFICATIONS AND LANDSCAPE ARCHITECTS DRAWINGS.
9. REFER TO STRUCTURAL ENGINEERS DRAWINGS FOR DETAILS OF BOARDWALK BEFORE SETTING OUT.
10. SPOIL TO BE STOCKPILED AS DIRECTED BY THE SUPERINTENDENT AND EXCESS NOT USED IS TO BE REMOVED FROM SITE BY CONTRACTOR.
11. THESE DRAWINGS ARE A SCHEMATIC PRESENTATION OF SERVICES INFORMATION CONTAINED IN DRAWINGS ISSUED BY THE RELEVANT AUTHORITIES.
    THE INFORMATION CONTAINED IN THESE DRAWINGS IS INDICATIVE ONLY, AND REFERENCE SHOULD BE MADE TO THE RELEVANT AUTHORITIES DOCUMENTATION TO CONFIRM ACCURACY AND COMPLETENESS, WHERE INFORMATION IS AVAILABLE, THE SUB-SURFACE SERVICES INSTALLED BY CONTRACTORS OTHER THAN THE AUTHORITIES HAVE BEEN SHOWN, BUT ADDITIONAL UNDOCUMENTED SERVICE MAY BE PRESENT, SHOULD THE CONTRACTOR SHOULD NOTIFY THE RELEVANT AUTHORITIES AND ESTABLISH THE EXACT LOCATION OF THE SERVICES.
12. THE FINISHED SURFACE SHALL BE EVENLY GRADED BETWEEN DESIGN SURFACE LEVELS.
13. DEMOLISH AND REMOVE ALL EXISTING INSTALLATIONS WHICH ARE NOT TO BE AFFECTED BY NEW WORKS EXTENT OF DEMOLITION TO BE CONFIRMED ON SITE WITH THE SUPERINTENDENT PRIOR TO COMMENCEMENT OF WORKS.
14. CONTRACTOR TO ADJUST LIDS OF EXISTING SERVICE PITS TO MATCH FINISHED SURFACE LEVEL. PROVIDE HEAVY DUTY COVER IF IN PAVED AREA TO THE REQUIREMENTS OF THE RELEVANT AUTHORITY, IF APPLICABLE RELOCATE SERVICE AS REQUIRED.
15. WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH THE RELEVANT CURRENT S.A.A. CODES INCLUDING ALL AMENDMENTS, AND LOCAL STATUTORY AUTHORITIES, EXCEPT WHERE VARIED BY THE CONTRACT DOCUMENTS.
16. ANY DISCREPANCY BETWEEN DRAWINGS SHALL BE REPORTED TO THE SUPERINTENDENT BEFORE WORK PROCEEDS.

SUBGRADE PREPARATION FOR PAVEMENT

1. THE EXISTING GROUND SURFACE IS TO BE STRIPPED TO REMOVE ANY LOOSE SURFICIAL SOIL OR TOPSOIL AND/ OR ASSOCIATED ORGANIC MATTER, ALL TOPSOIL AND UNCONTROLLED FILL IS TO BE STRIPPED AND THE UPPER 200mm OF EXPOSED SUB-GRADE COMPACTED TO ACHIEVE 98% STANDARD COMPACTION. ANY EXPOSED SOIL IS TO BE PROOF ROLLED, IN THE PRESENCE OF THE SUPERINTENDENT AND ENGINEER, WITH A NON-VIBRATING 20t SMOOTH DRUM ROLLER (OR APPROVED OTHER) TO IDENTIFY ANY SOFT OR WEAK AREAS.
2. DURING PROOF ROLLING, ALL SOFT, WET, WEAK OR ORGANIC MATERIALS ARE TO BE REMOVED AND REPLACED WITH SELECTED COMPACTED FILL.
3. ALL EXCAVATED AREAS BEFORE BACKFILL ARE TO BE SURVEYED BY LICENSED SURVEYOR TO QUALIFY SELECTED FILL QUANTITY. CONTRACTOR TO ALLOW THIS SURVEYING IN THEIR CONTRACT.
4. THE SELECTED FILL IS TO BE A WELL GRADED GRANULAR FILL SIMILAR IN COMPOSITION TO A QUARRY WASTE PRODUCT. THE SELECTED FILL IS TO BE PROPERLY MOISTURE CONDITIONED PRIOR TO PLACEMENT AND COMPACTION.
5. THE FILL IS TO BE PLACED AND COMPACTED IN LAYERS NOT EXCEEDING 200mm COMPACTED THICKNESS, TO A DENSITY NOT LESS THAT 98% OF STANDARD COMPACTION FOR GRAVEL FILL.
6. FIELD AND LABORATORY DENSITY TESTING ARE REQUIRED AFTER PROOF ROLLING OF STRIPPED GROUND, AFTER BACK FILLING ANY AREAS OF UNSUITABLE FOUNDATION SOIL AND DURING THE PLACEMENT OF ANY SELECTED FILL AND PAVEMENT LAYERS, TESTING AGENT TO BE NATA APPROVED AND TESTS TO BE CONDUCTED IIN ACCORDANCE WITH GUIDELINES.
7. PROOF ROLL PAVEMENT SUBGRADES PRIOR TO PAVEMENT INSTALLATION. CONTRACTOR TO HAVE A GEOTECHNICAL ENGINEER TEST THE WHOLE PAVEMENT SUB-SURFACE ONCE SUBGRADE LEVELS ARE REACHED FOR CBR VALUE. DESIGN CBR IS 5.0%. CONTRACTOR TO INFORM SUPERINTENDENT OF CBR VALUE ON SITE PRIOR TO NEW PAVEMENT CONSTRUCTION.

GENERAL COMPACTION NOTES

1. ALL AREAS TO BE FILLED SHALL BE COMPLETELY CLEARED OF ALL DELETERIOUS MATERIAL, INCLUDING THE FOLLOWING: TREES, ROOTS AND ALL OTHER DECAYED VEGETATION.
2. PRIOR TO THE COMMENCEMENT OF ANY CIVIL OR STRUCTURAL CONSTRUCTION, THE ENTIRE SITE AREA IS TO BE COMPACTED AND TESTED IN ACCORDANCE WITH AS1289.5.1.1 TO PRODUCE THE FOLLOWING:
    - 98% STANDARD COMPACTION AT THE SURFACE AND AT 300mm BELOW SURFACE LEVEL, WHEN PAVEMENTS AND STRUCTURES ARE TO BE CONSTRUCTED, ELSEWHERE 95%.
    - TESTING SHALL BE CARRIED OUT A RATE OF 1 TEST PER 150 sq/m AT EACH 200 mm LAYER OF FILL (MIN 5 TESTS PER LAYER).
    - TESTING SHALL BE EVENLY SPACED OVER THE ENTIRE SITE, AND AT RANDOM LOCATIONS.
    - TEST RESULTS SHALL BE FORWARDED TO THE SUPERINTENDENT FOR APPROVAL PRIOR TO COMMENCEMENT OF WORKS.
3. ALL NEW FILL SHALL BE COMPACTED TO PRODUCE 98% OF THE STANDARD COMPACTION TO AS 1289.5.1.1 (U.N.O.) WHEN BENEATH PAVING AND STRUCTURES, ELSEWHERE 95% FILL MATERIAL TO BE APPROVED BY THE SUPERINTENDENT, THE LOOSE THICKNESS OF EACH LAYER BEFORE COMPACTION SHOULD NOT EXCEED 200mm WITHOUT THE APPROVAL OF THE SUPERINTENDENT.
    PROVIDE COMPACTION TESTS FOR NEW FILL AS PER NOTE 2.
4. ALL EXISTING FILL WITHIN THE CONSTRUCTION AREA SHALL BE COMPLETELY REMOVED. MATERIAL SHALL BE REPLACED AND COMPACTED IN LAYERS NOT EXCEEDING 200mm. WHEN MEASURED LOOSE. EACH LAYER SHALL BE COMPACTED TO ACHIEVE A DENSITY OF NOT LESS THAN 98% STANDARD COMPACTION WHEN BENEATH PAVING AND STRUCTURES, ELSEWHERE 95%.
5. FILL SHALL BE FREE OF WEEDS AND PATHOGENS TO ENSURE THAT ? WEEDS OR CONTAMINATION SOURCES ARE NOT INTRODUCED INTO NEARBY COASTAL ENVIRONMENT.
6. PAVEMENT LAYERS SHALL BE COMPACTED IN ACCORDANCE WITH NOTES ON DRAWINGS.

NOT FOR CONSTRUCTION

TENDER

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ASPECT Studios™						DRAFTER	ESA
						DRAFTING CHECK	TM
						DESIGNER	JSH
						DESIGN CHECK	JA
	T1	09/04/2021	ISSUED FOR TENDER	7	JA	PROJECT MANAGER	JSH

MARION COASTAL WALKWAY UPGRADE
FIELD RIVER
HALLETT COVE, SA 5158
STANDARD CIVIL NOTES

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SCALE:	DATE:	PHASE:	SHT SIZE:
N.T.S.	09/04/2021	TENDER	A1

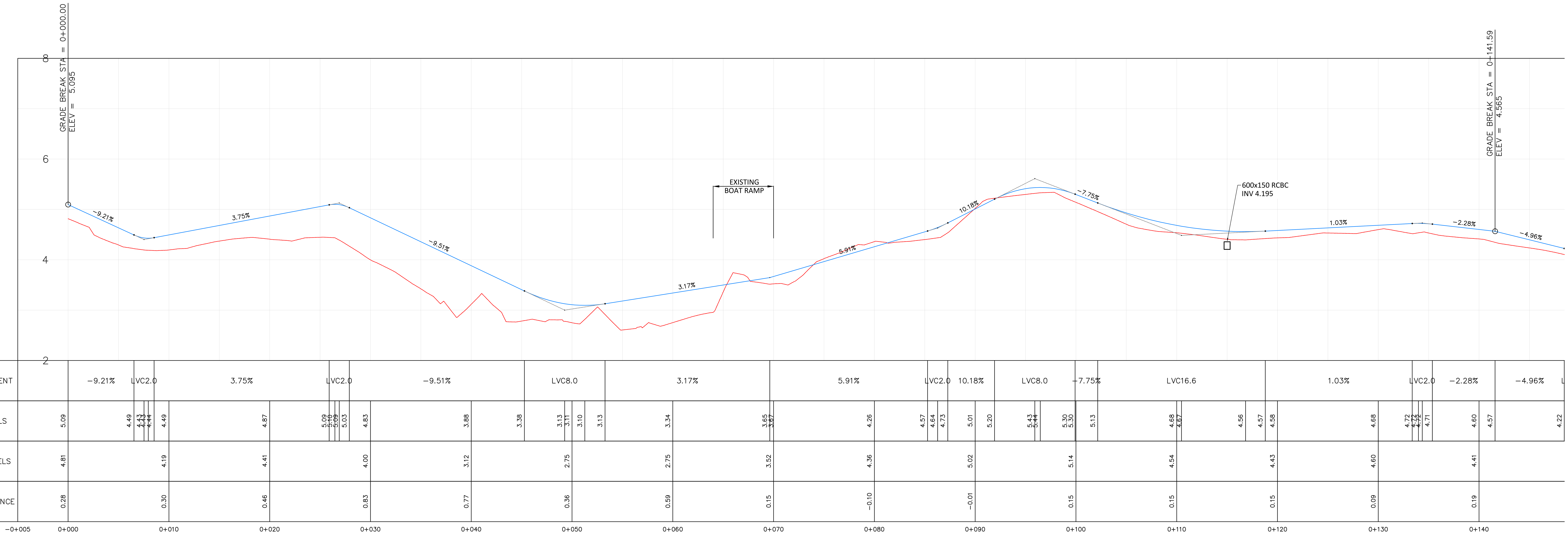
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REVISION: T1

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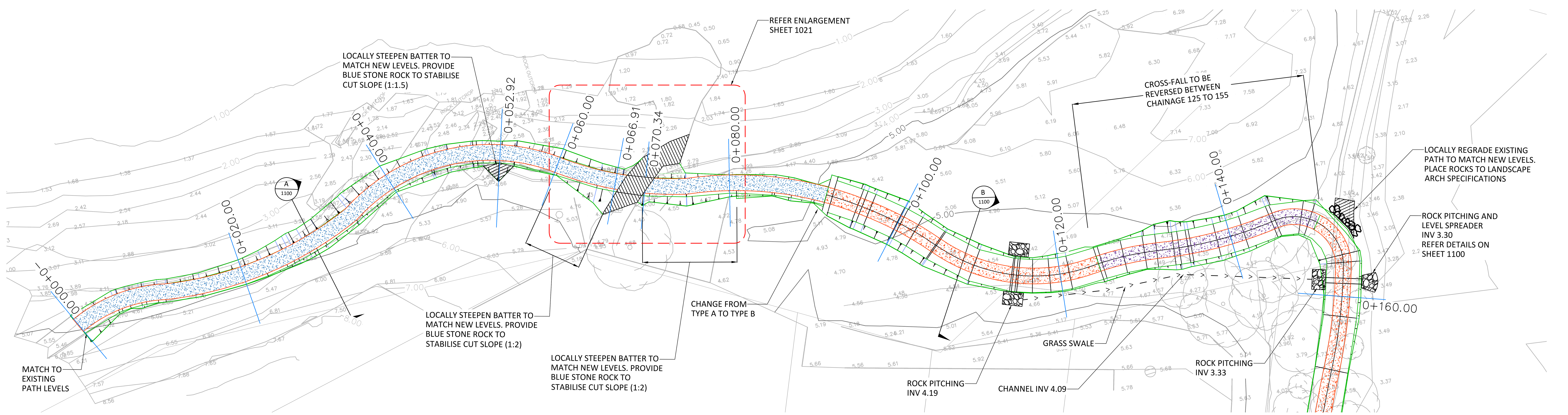
LONGITUDINAL SECTION - REFERENCE LINE AL01

SCALE: H 1:200
V 1:40

RC BOX CULVERT WITH ROCK PITCHING AT INLET AND OUTLET REFER DETAILS ON SHEET 1100

SHALLOW SWALE REFER DETAILS ON SHEET 1100

NOTE:
REFER ARCHITECTURAL DRAWINGS FOR FENCING LAYOUT AND DETAILS.



SETOUT PLAN - CH 00 - CH 140

SCALE: 1:250

NOTE:
1. FOR GENERAL NOTES REFER TO DRAWING J0439-CIV-DRG-1001
2. ALL DIMENSIONS TO BE CONFIRMED PRIOR TO CONSTRUCTION.
3. ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ARCHITECTURAL, SERVICES AND OTHER CONSULTANTS DRAWINGS.
4. REFER TYPICAL CROSS SECTION DETAIL A AND B ON SHEET 1100
5. REFER STRUCTURAL DRAWINGS 0020 AND 0030 FOR DETAILS OF BOARD WALK FROM CH 614 TO CH 728

SCALE 1 : 250
0 5 10 15 20 25 m

TENDER

CLIENT: ASPECT Studios™

REV:	DATE:	DESCRIPTION:	IVR:	APR'D:
T1	09/04/2021	ISSUED FOR TENDER	07	JCA

TITLE:	NAME:
DRAFTER	ESA
DRAFTING CHECK	TM
DESIGNER	JSH
DESIGN CHECK	JCA
PROJECT MANAGER	JSH

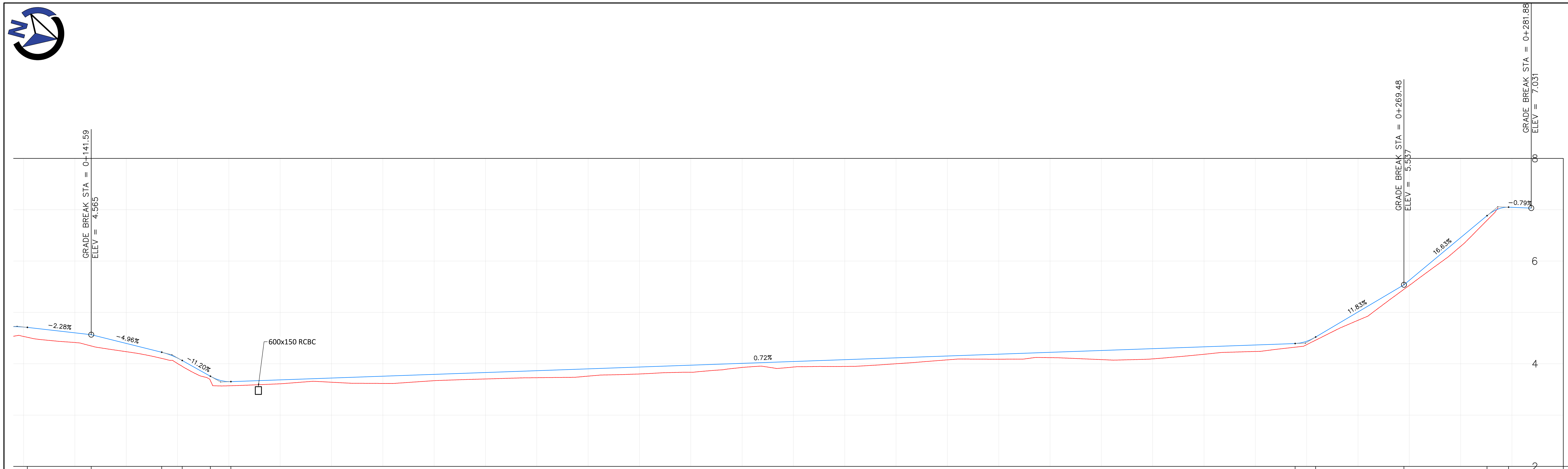
MARION COASTAL WALKWAY UPGRADE
CELL 10: FIELD RIVER
HALLETT COVE, SA 5158
CELL 10_LONG SECTION CH 00 - CH 140

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SCALE: | DATE: 09/04/2021 | PHASE: TENDER | SHT SIZE: A1
DRAWING NUMBER: J0439-CIV-DRG-1011 | REVISION: T1

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DESIGN LEVELS: 4.72, 4.71, 4.60, 4.57, 4.22, 4.16, 4.11, 4.06, 3.76, 3.67, 3.65, 3.69, 3.76, 3.83, 3.90, 3.97, 4.04, 4.12, 4.19, 4.26, 4.33, 4.39, 4.44, 4.52, 5.54, 5.62, 6.88, 7.01, 7.05, 7.05, 7.03

	0+140	0+150	0+160	0+170	0+180	0+190	0+200	0+210	0+220	0+230	0+240	0+250	0+260	0+270	0+280	0+285
EXISTING LEVELS	4.41	4.00	3.61	3.62	3.70	3.76	3.83	3.94	4.00	4.09	4.08	4.18	4.37	5.53		
LEVEL DIFFERENCE	0.19	0.11	0.08	0.14	0.13	0.14	0.14	0.11	0.12	0.10	0.18	0.15	0.07	0.10		

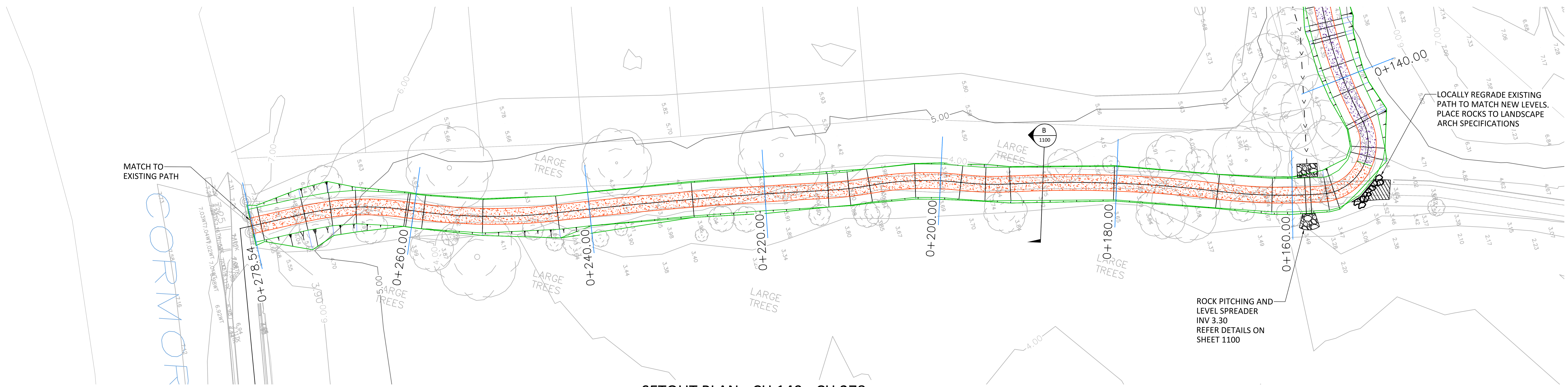
LONGITUDINAL SECTION - REFERENCE LINE AL01

SCALE: H 1:200
V 1:40

RC BOX CULVERT WITH ROCK PITCHING AT INLET AND OUTLET REFER DETAILS ON SHEET 1100

— > — > — SHALLOW SWALE REFER DETAILS ON SHEET 1100

NOTE:
REFER ARCHITECTURAL DRAWINGS FOR FENCING LAYOUT AND DETAILS.



SETOUT PLAN - CH 140 - CH 278

SCALE: 1:250

NOTE:
1. FOR GENERAL NOTES REFER TO DRAWING J0439-CIV-DRG-1001
2. ALL DIMENSIONS TO BE CONFIRMED PRIOR TO CONSTRUCTION.
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4. REFER TYPICAL CROSS SECTION DETAIL A AND B ON SHEET 1100
5. REFER STRUCTURAL DRAWINGS 0020 AND 0030 FOR DETAILS OF BOARD WALK FROM CH 614 TO CH 728

SCALE 1 : 250
0 5 10 15 20 25 m

TENDER

CLIENT: ASPECT Studios™

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T1	09/04/2021	ISSUED FOR TENDER	07	JCA

TITLE:	NAME:
DRAFTER	ESA
DRAFTING CHECK	TM
DESIGNER	JSH
DESIGN CHECK	JCA
PROJECT MANAGER	JSH

MARION COASTAL WALKWAY UPGRADE
CELL 10: FIELD RIVER
HALLETT COVE, SA 5158
CELL 10_LONG SECTION CH 140 - CH 278

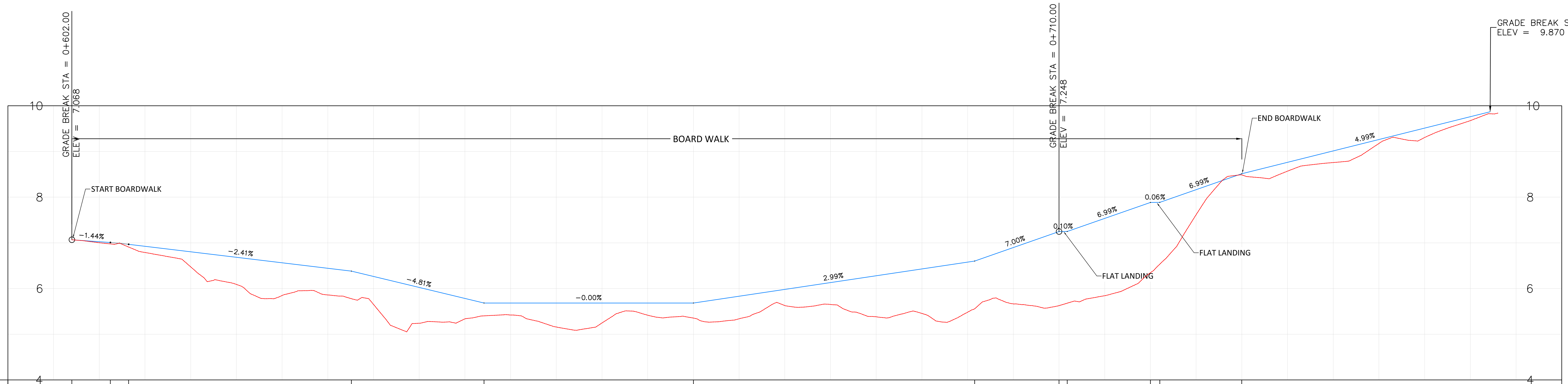
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DRAWING NUMBER: J0439-CIV-DRG-1012 | REVISION: T1

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Chainage	DESIGN LEVELS	EXISTING LEVELS	LEVEL DIFFERENCE
0+595			
0+600	7.07		
	7.01 / 6.99 / 6.97		
0+610	6.93	6.79	0.14
0+620	6.68	6.09	0.59
0+630	6.44	5.86	0.58
	6.38		
0+640	6.02	5.24	0.78
	5.68		
0+650	5.68	5.42	0.26
0+660	5.68	5.25	0.44
0+670	5.68	5.35	0.33
0+680	5.98	5.63	0.35
0+690	6.28	5.38	0.90
0+700	6.58 / 6.60	5.48	1.10
0+710	7.25 / 7.25	5.63	1.62
0+720	7.88 / 7.89	6.35	1.54
0+730	8.51	8.49	0.03
0+740	9.01	8.76	0.25
0+750	9.51	9.31	0.21
	9.87		
0+760			
0+765			

DESIGN GRADIENT												
	−1.44%	VC2.0	−2.41%	−4.81%	−0.00%	2.99%	7.00%	0.10%	6.99%	0.06%	6.99%	4.99%

LONGITUDINAL SECTION - REFERENCE LINE AL01

SCALE: H 1:250
V 1:50



SETOUT PLAN - CH 602 - CH 757

SCALE: 1:250

SCALE 1 : 250
0 5 10 15 20 25 m

NOTE:
1. FOR GENERAL NOTES REFER TO DRAWING J0439-CIV-DRG-1001
2. ALL DIMENSIONS TO BE CONFIRMED PRIOR TO CONSTRUCTION.
3. ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ARCHITECTURAL, SERVICES AND OTHER CONSULTANTS DRAWINGS.
4. REFER TYPICAL CROSS SECTION DETAIL A AND B ON SHEET 1100
5. REFER STRUCTURAL DRAWINGS 0020 AND 0030 FOR DETAILS OF BOARD WALK FROM CH 614 TO CH 728

TENDER

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T1	09/04/2021	ISSUED FOR TENDER	07	JCA

TITLE:	NAME:
DRAFTER	ESA
DRAFTING CHECK	TM
DESIGNER	JSH
DESIGN CHECK	JCA
PROJECT MANAGER	JSH

MARION COASTAL WALKWAY UPGRADE
CELL 10: FIELD RIVER
HALLETT COVE, SA 5158
CELL 10_LONG SECTION CH 602 - CH 757

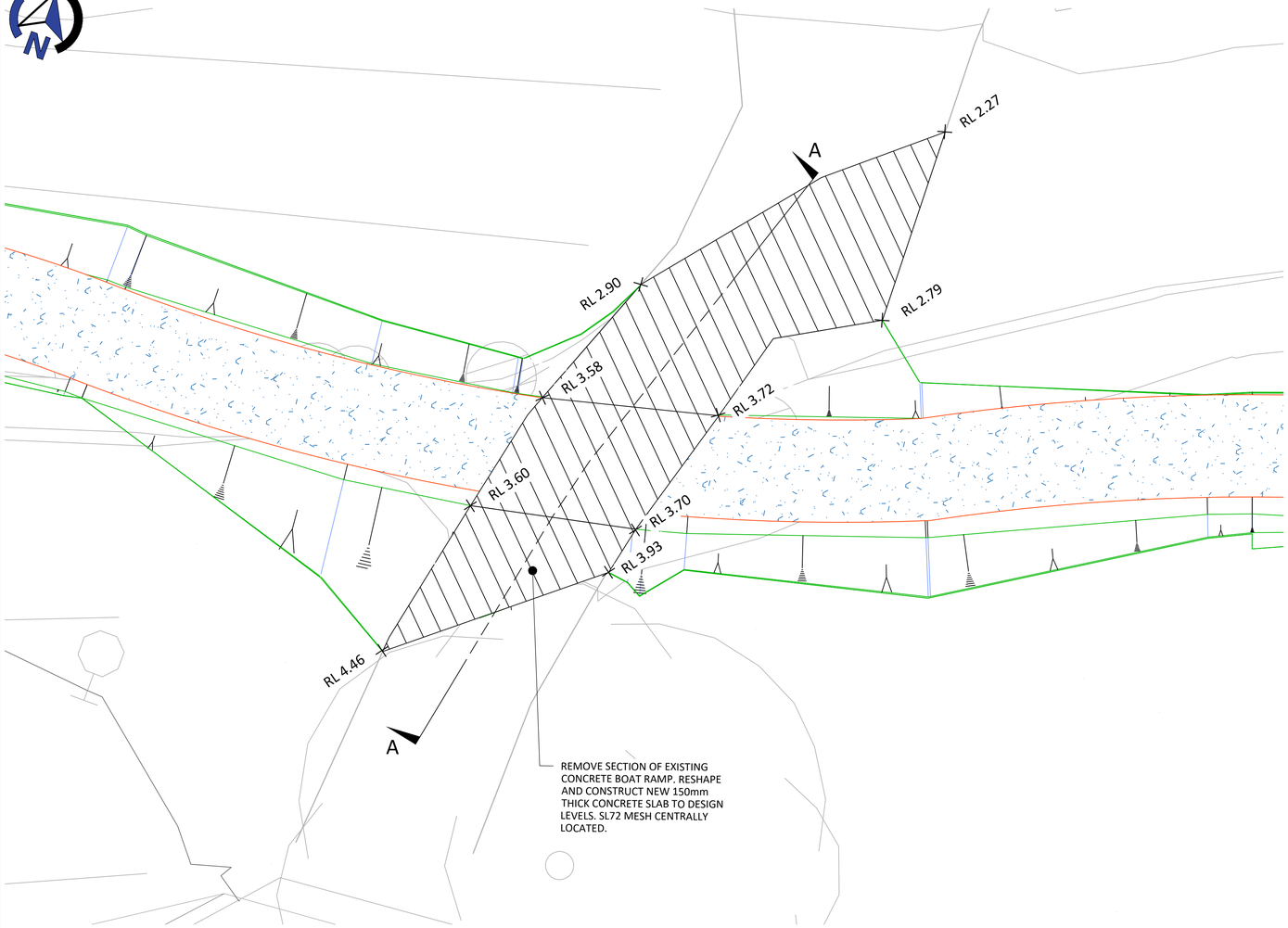
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SCALE: 1:250 | DATE: 09/04/2021 | PHASE: TENDER | SHT SIZE: A1
DRAWING NUMBER: J0439-CIV-DRG-1015 | REVISION: T1

PRINT DATE: 30/01/2020 11:08:01 AM

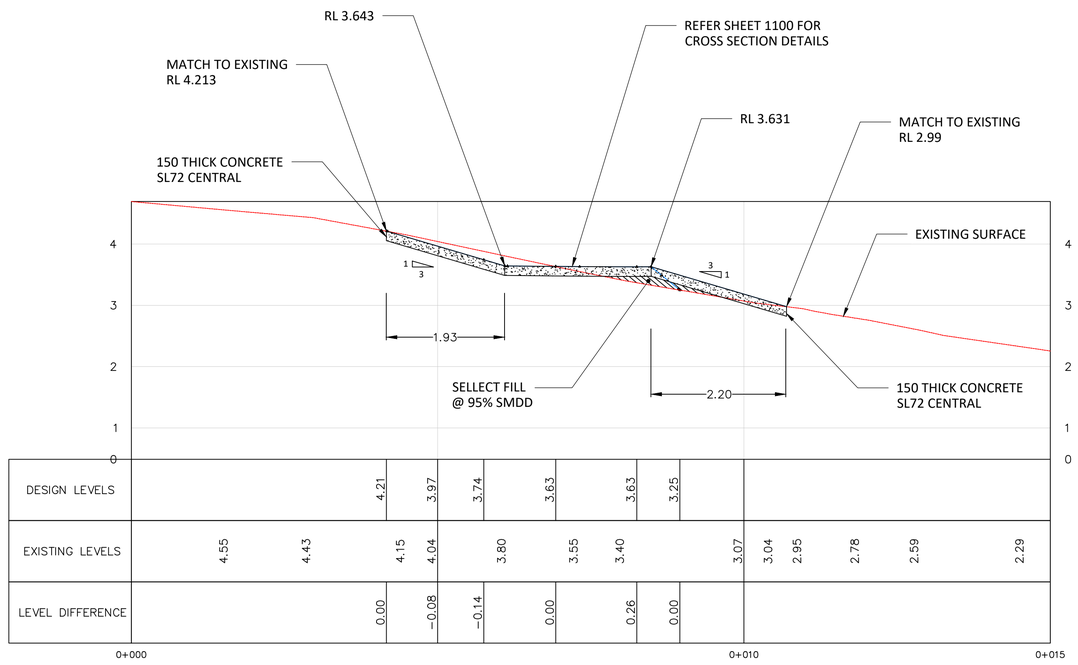
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BOAT RAMP ENLARGEMENT PLAN

SCALE: 1:50



SECTION A-A

SCALE: H 1:100
V 1:100

NOTE:
REFER ARCHITECTURAL DRAWINGS FOR FENCING LAYOUT AND DETAILS.

NOTE:
1. FOR GENERAL NOTES REFER TO DRAWING J0439-CIV-DRG-1001
2. ALL DIMENSIONS TO BE CONFIRMED PRIOR TO CONSTRUCTION.
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5. REFER STRUCTURAL DRAWINGS 0020 AND 0030 FOR DETAILS OF BOARD WALK FROM CH 614 TO CH 728

SCALE 1 : 50
0 5 10 15 20 25 5 m

10mm @ A1

TENDER

CLIENT:	REV:	DATE:	DESCRIPTION:	IVR:	APR'D:	TITLE:	NAME:
ASPECT Studios™						DRAFTER	ESA
						DRAFTING CHECK	TM
						DESIGNER	JSH
						DESIGN CHECK	JCA
	T1	09/04/2021	ISSUED FOR TENDER	07	JCA	PROJECT MANAGER	JSH

MARION COASTAL WALKWAY UPGRADE
CELL 10: FIELD RIVER
HALLETT COVE, SA 5158
CELL 10_BOAT RAMP ENLARGEMENT

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SCALE:	DATE: 09/04/2021	PHASE: TENDER	SHT SIZE: A1

DRAWING NUMBER: J0439-CIV-DRG-1021
REVISION: T1

FILE LOCATION: File Path

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PROPOSED ELEVATIONS				2.87	3.54	3.56	3.59	4.12	4.12
EXISTING ELEVATIONS	2.38	2.50	2.60	2.79	2.99	3.71	3.89	4.03	4.25	4.44	4.52
LEVEL DIFFERENCE				0.00	0.52	−0.15	−0.33	0.03	0.03	
OFFSET				−1.60	−0.92	0.00	1.18	2.24	2.25	

0+066.91



PROPOSED ELEVATIONS					4.75	4.55	4.64	4.60	4.57	4.25	4.24
EXISTING ELEVATIONS	5.58	5.34	5.10	4.86	4.69	4.55	4.41	4.33	4.27	4.20	4.16	4.15
LEVEL DIFFERENCE				−0.01	−0.13	0.03	0.19	0.26	0.00	0.00	
OFFSET				−2.51	−1.90	−1.40	0.00	1.40	2.32	2.34	

0+140.00



PROPOSED ELEVATIONS					3.78	3.78	4.05	4.22	4.26	4.21	4.19
EXISTING ELEVATIONS	3.58	3.60	3.73	4.04	4.08	4.08	4.12	4.20	4.28	4.40	4.56
LEVEL DIFFERENCE	−0.03	−0.03	0.00	0.11	0.18	0.14	0.02	0.00			
OFFSET	−2.74	−2.74	−1.92	−1.40	0.00	1.40	1.90	1.94			

0+240.00



PROPOSED ELEVATIONS				2.32	3.32	3.34	3.37	3.35	
EXISTING ELEVATIONS	2.16	2.24	2.24	2.30	2.47	2.75	3.05	4.10	4.38	4.58	4.62
LEVEL DIFFERENCE				0.00	0.82	0.59	0.11	0.01			
OFFSET				−1.90	−0.90	0.00	1.20	1.28			

0+060.00



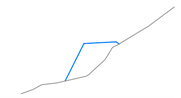
PROPOSED ELEVATIONS				4.52	4.55	4.58	4.62	4.49	
EXISTING ELEVATIONS	4.78	4.68	4.59	4.49	4.41	4.43	4.46	4.49	4.70	4.93	5.17
LEVEL DIFFERENCE				0.00	0.12	0.15	0.14	0.00			
OFFSET				−2.36	−1.40	0.00	1.40	2.03			

0+120.00



PROPOSED ELEVATIONS				3.79	3.90	4.08	4.12	4.06	4.03	
EXISTING ELEVATIONS	3.50	3.56	3.68	3.82	3.95	4.00	4.04	4.03	4.10	4.30	4.52
LEVEL DIFFERENCE				0.00	0.06	0.17	0.12	0.11	0.03	0.00	
OFFSET				−2.22	−1.90	−1.40	0.00	1.40	1.90	1.99	

0+220.00



PROPOSED ELEVATIONS				2.64	3.86	3.88	3.91	3.84		
EXISTING ELEVATIONS	2.22	2.42	2.55	2.65	2.76	3.11	3.74	4.03	4.33	4.68	5.05
LEVEL DIFFERENCE				0.00	1.08	0.77	0.12	0.00			
OFFSET				−2.12	−0.90	0.00	1.20	1.40			

0+040.00



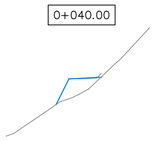
PROPOSED ELEVATIONS				5.35	5.26	5.30	5.33	4.95	4.93	
EXISTING ELEVATIONS	5.54	5.48	5.39	5.30	5.21	5.14	5.08	5.01	4.93	4.85	4.78
LEVEL DIFFERENCE				−0.01	0.02	0.15	0.28	0.00	−0.01		
OFFSET				−2.71	−1.40	0.00	1.40	2.79	2.82		

0+100.00



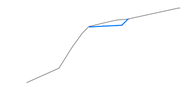
PROPOSED ELEVATIONS				3.69	3.76	3.94	3.97	4.01	3.97	3.92	3.97
EXISTING ELEVATIONS	3.74	3.73	3.69	3.69	3.73	3.83	3.92	3.97	4.05	4.17	4.29
LEVEL DIFFERENCE				0.00	0.07	0.25	0.14	0.07	−0.04	0.00	
OFFSET				−2.10	−1.90	−1.40	0.00	1.40	1.90	2.05	

0+200.00



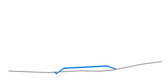
PROPOSED ELEVATIONS					4.01	4.85	4.86	4.88	5.03		
EXISTING ELEVATIONS	2.98	3.23	3.57	3.92	4.18	4.41	4.81	5.28	5.78	6.32	6.84
LEVEL DIFFERENCE				0.00	0.65	0.45	0.10	0.11			
OFFSET				−1.73	−0.90	0.00	0.93	1.22			

0+020.00



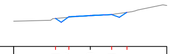
PROPOSED ELEVATIONS					4.24	4.26	4.29	4.49	4.49		
EXISTING ELEVATIONS	2.42	2.64	2.87	3.60	4.22	4.36	4.46	4.54	4.64	4.75	4.85
LEVEL DIFFERENCE				−0.01	−0.10	−0.18	0.00	0.00	0.00		
OFFSET				−0.90	0.00	1.20	1.60	1.62			

0+080.00



PROPOSED ELEVATIONS					3.66	3.79	3.83	3.86	3.75		
EXISTING ELEVATIONS	3.70	3.68	3.66	3.66	3.69	3.70	3.70	3.75	3.86	3.94	4.01
LEVEL DIFFERENCE				0.00	0.12	0.13	0.15	0.00			
OFFSET				−2.03	−1.40	0.00	1.40	1.97			

0+180.00



PROPOSED ELEVATIONS					6.91	6.97	7.00	7.04	7.11		
EXISTING ELEVATIONS	6.82	6.84	6.85	6.93	6.97	7.01	7.03	7.08	7.17	7.28	7.34
LEVEL DIFFERENCE				0.00	0.02	−0.01	−0.01	0.00			
OFFSET				−2.27	−1.40	0.00	1.40	2.39			

0+278.54



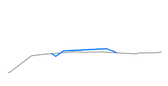
PROPOSED ELEVATIONS				4.52	5.09	5.12	5.52	5.53		
EXISTING ELEVATIONS	3.87	4.01	4.19	4.39	4.62	4.81	5.10	5.40	5.70	6.08	6.49
LEVEL DIFFERENCE				0.00	0.28	−0.05	0.00	0.00			
OFFSET				−1.44	0.00	1.21	2.42	2.45			

0+000.08



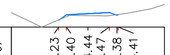
PROPOSED ELEVATIONS				3.24	3.67	3.69	3.71	4.09	4.10	
EXISTING ELEVATIONS	2.56	2.76	2.92	3.10	3.32	3.53	3.73	4.05	4.30	4.53	4.61
LEVEL DIFFERENCE				0.00	0.33	0.16	0.01	−0.01	−0.01		
OFFSET				−1.32	−0.90	0.00	1.20	2.27	2.28		

0+070.34



PROPOSED ELEVATIONS				3.56	3.47	3.65	3.69	3.72	3.63	3.60	
EXISTING ELEVATIONS	2.95	3.30	3.52	3.57	3.61	3.61	3.62	3.59	3.56	3.58	3.62
LEVEL DIFFERENCE				0.00	−0.10	0.06	0.08	0.11	0.04	0.01	
OFFSET				−2.17	−1.90	−1.40	0.00	1.40	1.90	2.09	

0+160.00



PROPOSED ELEVATIONS				4.23	4.40	4.44	4.47	4.38	4.41	
EXISTING ELEVATIONS	4.47	4.23	4.01	4.21	4.38	4.37	4.36	4.41	4.49	4.58	4.74
LEVEL DIFFERENCE				0.00	0.07	0.07	0.10	−0.02	0.01		
OFFSET				−1.91	−1.40	0.00	1.40	1.90	1.98		

0+260.00

NOTE:
1. FOR GENERAL NOTES REFER TO DRAWING J0439-CIV-DRG-1001
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4. REFER TYPICAL CROSS SECTION DETAIL A AND B ON SHEET 1100
5. REFER STRUCTURAL DRAWINGS 0020 AND 0030 FOR DETAILS OF BOARD WALK FROM CH 614 TO CH 728

SCALE: H 1:250
V 1:50

SCALE 1 : 250
0 5 10 15 20 25 m

10mm AT A1

TENDER

CLIENT: ASPECT Studios™

REV:	DATE:	DESCRIPTION:	IVR:	APR'D:
T1	09/04/2021	ISSUED FOR TENDER	07	JCA

TITLE:	NAME:
DRAFTER	ESA
DRAFTING CHECK	TM
DESIGNER	JSH
DESIGN CHECK	JCA
PROJECT MANAGER	JSH

MARION COASTAL WALKWAY UPGRADE
CELL 10: FIELD RIVER
HALLETT COVE, SA 5158
CROSS SECTIONS AL01 CH 000 - CH 278

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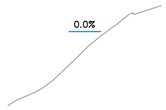
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DRAWING NUMBER: J0439-CIV-DRG-1031
REVISION: T1

FILE LOCATION: File Path

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PRINT DATE: 30/01/2020 11:08:01 AM



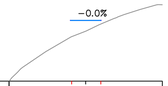
PROPOSED ELEVATIONS				6.68	6.68	6.68			
EXISTING ELEVATIONS	4.27	4.54	4.77	5.13	5.60	6.09	6.51	6.88	7.27	7.37	7.53
LEVEL DIFFERENCE					1.04	0.60	0.14				
OFFSET				−0.89	0.00	1.08					

0+620.00



PROPOSED ELEVATIONS				5.72	5.68	5.69			
EXISTING ELEVATIONS	4.95	5.10	5.21	5.29	5.37	5.42	5.44	5.44	5.43	5.51	5.62
LEVEL DIFFERENCE					0.35	0.26	0.25				
OFFSET				−0.97	0.00	1.10					

0+650.00



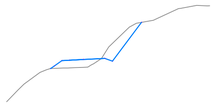
PROPOSED ELEVATIONS				5.98	5.98	5.98			
EXISTING ELEVATIONS	4.61	4.49	4.82	5.14	5.43	5.63	5.87	6.07	6.25	6.40	6.43
LEVEL DIFFERENCE					0.53	0.35	0.12				
OFFSET				−0.91	0.00	1.00					

0+680.00



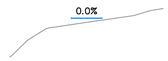
PROPOSED ELEVATIONS				7.25	7.25	7.24			
EXISTING ELEVATIONS	4.17	4.43	4.72	5.01	5.30	5.63	5.94	6.09	6.34	6.54	6.87
LEVEL DIFFERENCE					1.95	1.62	1.30				
OFFSET				−1.00	0.00	1.00					

0+710.00



PROPOSED ELEVATIONS				8.72	8.98	9.01			
EXISTING ELEVATIONS	7.63	8.15	8.53	8.72	8.73	8.76	8.98	9.59	10.06	10.24	10.39	10.62	10.74	10.76
LEVEL DIFFERENCE				0.00	0.25	0.25	−0.17	−0.58	0.00					
OFFSET				−2.13	−1.40	0.00	1.40	1.90	3.80					

0+740.00



PROPOSED ELEVATIONS				6.93	6.93	6.92			
EXISTING ELEVATIONS	5.67	6.14	6.47	6.64	6.72	6.79	6.86	6.93	7.01	7.15	7.24
LEVEL DIFFERENCE					0.20	0.14	0.06				
OFFSET				−0.90	0.00	1.03					

0+610.00



PROPOSED ELEVATIONS				6.02	6.02	6.02			
EXISTING ELEVATIONS	4.67	4.79	4.87	4.96	5.08	5.24	5.17	5.64	6.03	6.31	6.60
LEVEL DIFFERENCE					0.95	0.78	0.90				
OFFSET				−1.07	0.00	0.90					

0+640.00



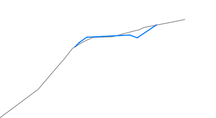
PROPOSED ELEVATIONS				5.70	5.69	5.70			
EXISTING ELEVATIONS	4.19	4.64	4.92	5.08	5.20	5.35	5.57	5.77	5.93	6.01	6.11
LEVEL DIFFERENCE					0.48	0.33	0.12				
OFFSET				−0.92	0.00	1.01					

0+670.00



PROPOSED ELEVATIONS				6.58	6.58	6.59			
EXISTING ELEVATIONS	3.54	3.88	4.34	4.82	5.21	5.48	5.72	6.07	6.44	6.75	7.04
LEVEL DIFFERENCE					1.35	1.10	0.86				
OFFSET				−0.90	0.00	1.07					

0+700.00



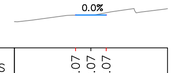
PROPOSED ELEVATIONS				8.16	8.48	8.51			
EXISTING ELEVATIONS	5.87	6.25	6.62	7.11	7.69	8.21	8.47	8.49	8.59	8.72	8.86	8.96
LEVEL DIFFERENCE					0.00	0.10	0.03	−0.09	−0.24	0.00		
OFFSET				−2.17	−1.40	0.00	1.34	1.90	3.14			

0+730.00



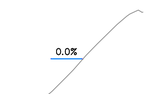
PROPOSED ELEVATIONS				9.94	9.67	9.87			
EXISTING ELEVATIONS	9.95	9.94	9.91	9.84	9.83	9.82	10.07	10.28	10.46
LEVEL DIFFERENCE					0.04	−0.22	0.00		
OFFSET				−2.74	−1.86	0.00	1.87	2.41	

0+757.14



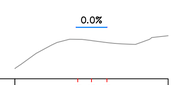
PROPOSED ELEVATIONS				7.07	7.07	7.07			
EXISTING ELEVATIONS	6.85	6.89	6.96	7.03	7.07	7.07	7.15	7.22	7.14	7.21	7.28
LEVEL DIFFERENCE					0.00	0.00	−0.08				
OFFSET				−1.00	0.00	1.00					

0+602.00



PROPOSED ELEVATIONS				6.44	6.44	6.43			
EXISTING ELEVATIONS	3.88	4.15	4.47	4.90	5.36	5.86	6.40	6.92	7.42	7.86	7.97
LEVEL DIFFERENCE					1.04	0.59	−0.02				
OFFSET				−0.90	0.00	1.09					

0+630.00



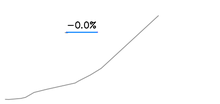
PROPOSED ELEVATIONS				5.68	5.68	5.68			
EXISTING ELEVATIONS	4.33	4.69	5.00	5.22	5.29	5.25	5.18	5.14	5.15	5.35	5.41
LEVEL DIFFERENCE					0.39	0.44	0.50				
OFFSET				−0.90	0.00	1.01					

0+660.00



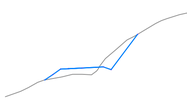
PROPOSED ELEVATIONS				6.28	6.28	6.29			
EXISTING ELEVATIONS	4.15	4.49	4.76	5.00	5.20	5.38	5.57	5.77	6.05	6.34	6.66
LEVEL DIFFERENCE					1.08	0.90	0.73				
OFFSET				−1.03	0.00	0.96					

0+690.00



PROPOSED ELEVATIONS				7.88	7.88	7.88			
EXISTING ELEVATIONS	5.70	5.73	5.94	6.06	6.17	6.35	6.63	7.05	7.51	7.97	8.43
LEVEL DIFFERENCE					1.72	1.54	1.29				
OFFSET				−1.09	0.00	0.90					

0+720.00



PROPOSED ELEVATIONS				9.12	9.48	9.51	9.55	10.61	
EXISTING ELEVATIONS	8.58	8.75	9.01	9.16	9.26	9.31	9.44	10.02	10.44	10.72	11.01	11.19	11.32	11.35
LEVEL DIFFERENCE					0.00	0.26	0.21	−0.19						
OFFSET				−2.43	−1.40	0.00	1.40		3.63	0.00				

0+750.00

NOTE:
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4. REFER TYPICAL CROSS SECTION DETAIL A AND B ON SHEET 1100
5. REFER STRUCTURAL DRAWINGS 0020 AND 0030 FOR DETAILS OF BOARD WALK FROM CH 614 TO CH 728

SCALE: H 1:250
V 1:50

SCALE 1 : 250
0 5 10 15 20 25 m

TENDER

CLIENT:	REV:	DATE:	DESCRIPTION:	IVR:	APP'D:	TITLE:	NAME:
ASPECT Studios™						DRAFTER	ESA
						DRAFTING CHECK	TM
						DESIGNER	JSH
						DESIGN CHECK	JCA
	T1	09/04/2021	ISSUED FOR TENDER	07	JCA	PROJECT MANAGER	JSH

MARION COASTAL WALKWAY UPGRADE
CELL 10: FIELD RIVER
HALLETT COVE, SA 5158
CROSS SECTIONS AL01 CH 602 - CH 758

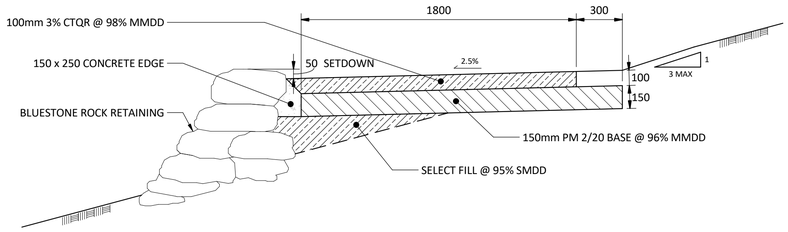
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SCALE:	DATE:	PHASE:	SHT SIZE:
1:250	09/04/2021	TENDER	A1
DRAWING NUMBER:			REVISION:
J0439-CIV-DRG-1032			T1

FILE LOCATION: File Path

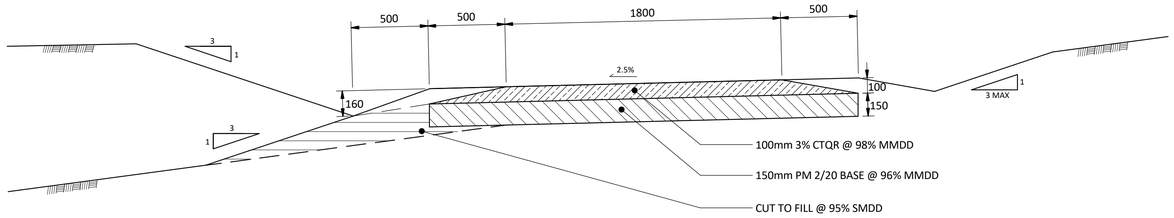
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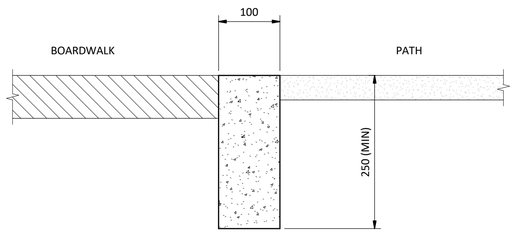
TYPICAL WALKWAY CROSS SECTION - TYPE A1

SCALE: 1 : 20



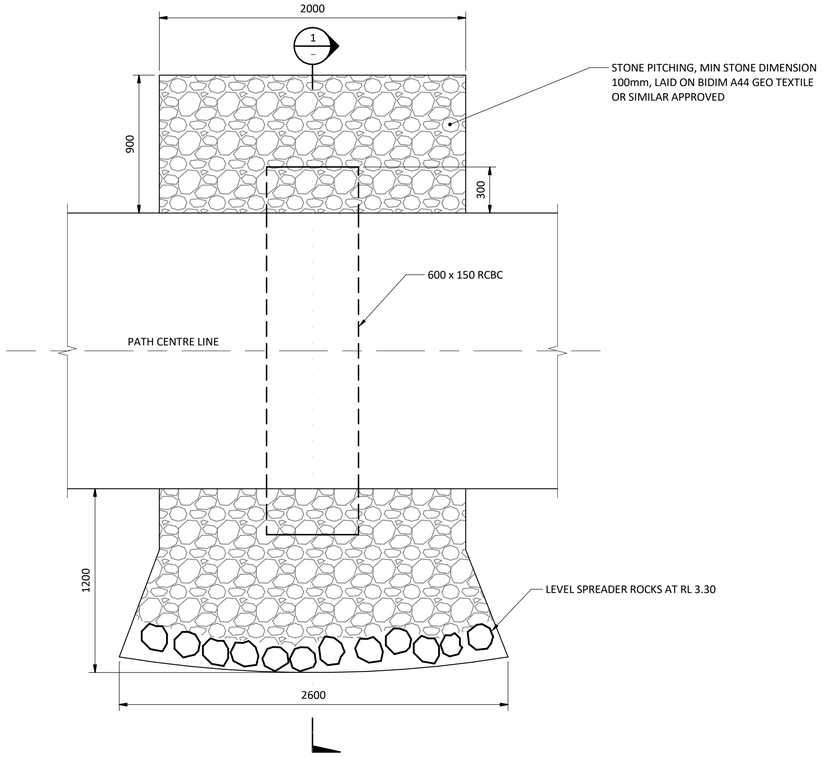
TYPICAL WALKWAY CROSS SECTION - TYPE B1

SCALE: 1 : 20



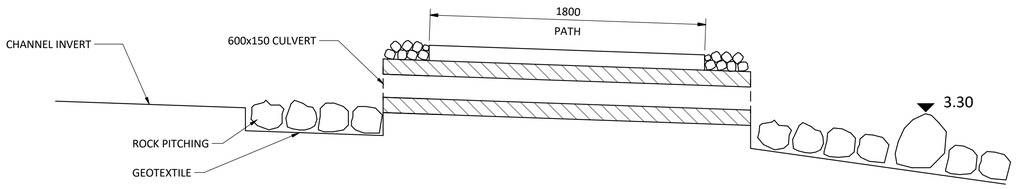
CONCRETE EDGE STRIP

SCALE: 1 : 5



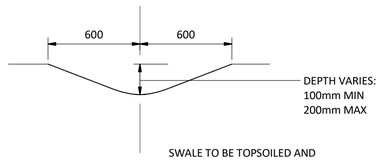
ROCK PITCHING & LEVEL SPREADER DETAIL

SCALE: 1 : 20



SECTION 1

SCALE: 1 : 20



SWALE TO BE TOPSOILED AND GRASSED TO LANDSCAPE ARCHITECT'S SPECIFICATION.

SHALLOW GRASSED SWALE

SCALE: 1 : 20

SCALE 1 : 20

0 0.2 0.4 0.6 0.8 1 2 m

TENDER

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ASPECT Studios™						DRAFTER	LL
						DRAFTING CHECK	ESA
						DESIGNER	JSH
						DESIGN CHECK	JA
	T1	09/04/2021	ISSUED FOR TENDER	7	JA	PROJECT MANAGER	JSH

MARION COASTAL WALKWAY UPGRADE
FIELD RIVER
HALLETT COVE, SA 5158
STANDARD CIVIL DETAILS

INNOVIS INTERACTIVE

SCALE:	DATE:	PHASE:	SHT SIZE:
As indicated	09/04/2021	TENDER	A1

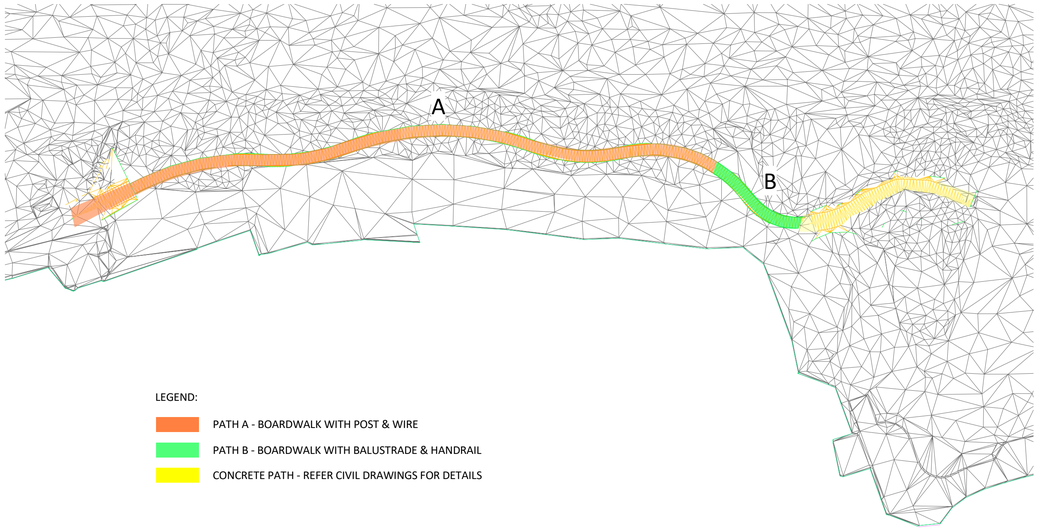
DRAWING NUMBER: J0439- CIV- DRG- 1100 REVISION: T1

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10mm AT A1 0 10 20 30 40 50 60 70 80 90 100



LEGEND:

- PATH A - BOARDWALK WITH POST & WIRE
- PATH B - BOARDWALK WITH BALUSTRADE & HANDRAIL
- CONCRETE PATH - REFER CIVIL DRAWINGS FOR DETAILS

CELL 10 SITE PLAN

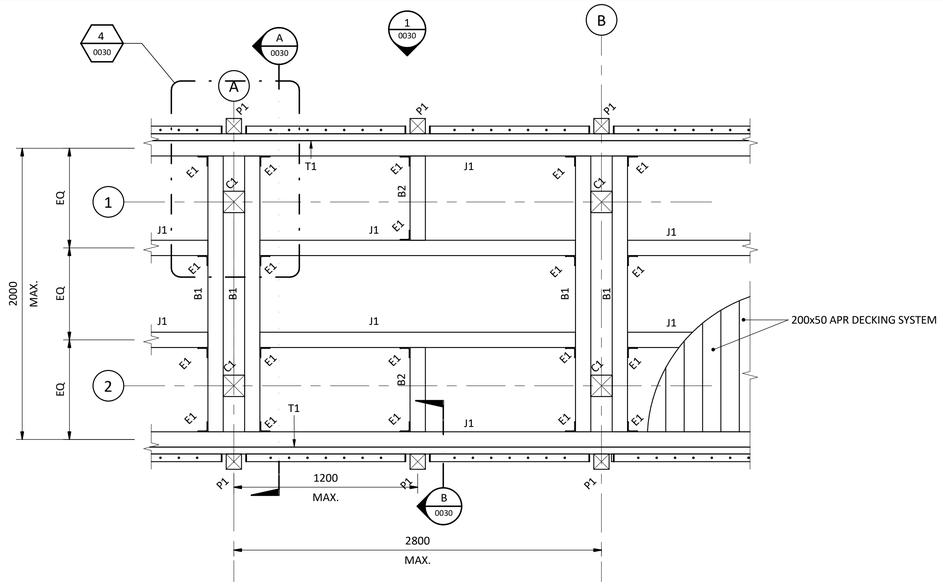
SCALE: 1 : 500

MEMBER SCHEDULE		
MARK	MEMBER	COMMENTS / REMARKS
T1	290x45 F27 SEASONED TIMBER	BLACK BUTT - CROSS NAILED TO P1
J1	230x100 APR JOIST	
C1	REFER TO C1 & BR1 MEMBER SCHEDULE	
P1	100x100 F17 HARDWOOD	SEASONED TIMBER BLACK BUTT
E1	65x5 EA GR. 300	HOT DIP GALVANISED
B1	2/200x100 APR BEARERS	
B2	2/200x100 APR BEARERS	
BR1	BRACING - REFER TO C1 & BR1 MEMBER SCHEDULE	h< 1.0m - AT EVERY ALTERNATE COLUMN h> 1.0m - AT EVERY COLUMN

C1 & BR1 MEMBER SCHEDULE				
C1 HEIGHT (h)	C1		BR1	
	MEMBER SIZE	CONNECTION (C1 TO B1)	MEMBER SIZE	CONNECTION (BR1 TO C1)
*h< 1.0m	**125x125 APR SECTION (TBA)	2M16 4.6/S 64x4 ROUNDWASHER	200x100 APR SECTION	1M20 4.6/S 75x5 WASHER TYP.
*h> 1.0m	**140x140 APR SECTION (TBA)	2M16 4.6/S 64x4 ROUNDWASHER	200x100 APR SECTION	1M20 4.6/S 75x5 WASHER TYP.

NOTES:
*h INDICATES DISTANCE BETWEEN TOP O PILE FOOTING AND TOP OF JOIST/BEARERS
** COLUMN SIZE IS BASED ON THE RECOMMENDATION OF RECYCLED PLASTIC MATERIAL SUPPLIER ONLY, AND THERE IS NO ENGINEERING ASSESSMENT INCLUDED BY INNOVIS.

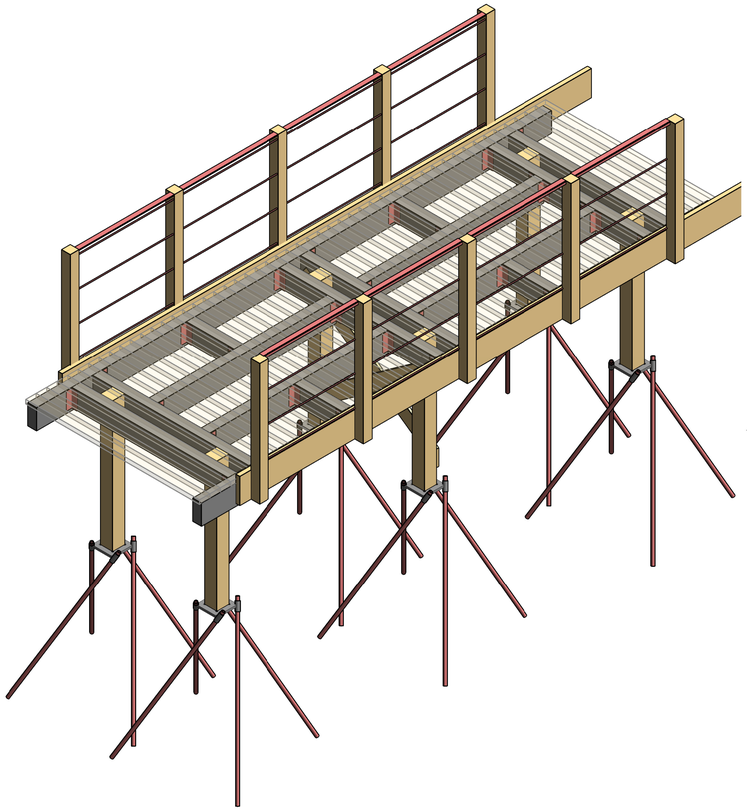
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1. FOR GENERAL NOTES REFER TO DRAWING JXXXX-STR-DRG-XXXX TO JXXXX-STR-DRG-XXXX
2. ALL DIMENSIONS TO BE CONFIRMED PRIOR TO FABRICATION OF STEELWORK AND PRECAST CONCRETE.
3. ALL STRUCTURAL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ARCHITECTURAL, SERVICES AND OTHER CONSULTANTS DRAWINGS.



NOTE:
DECKING NOT SHOWN FOR CLARITY

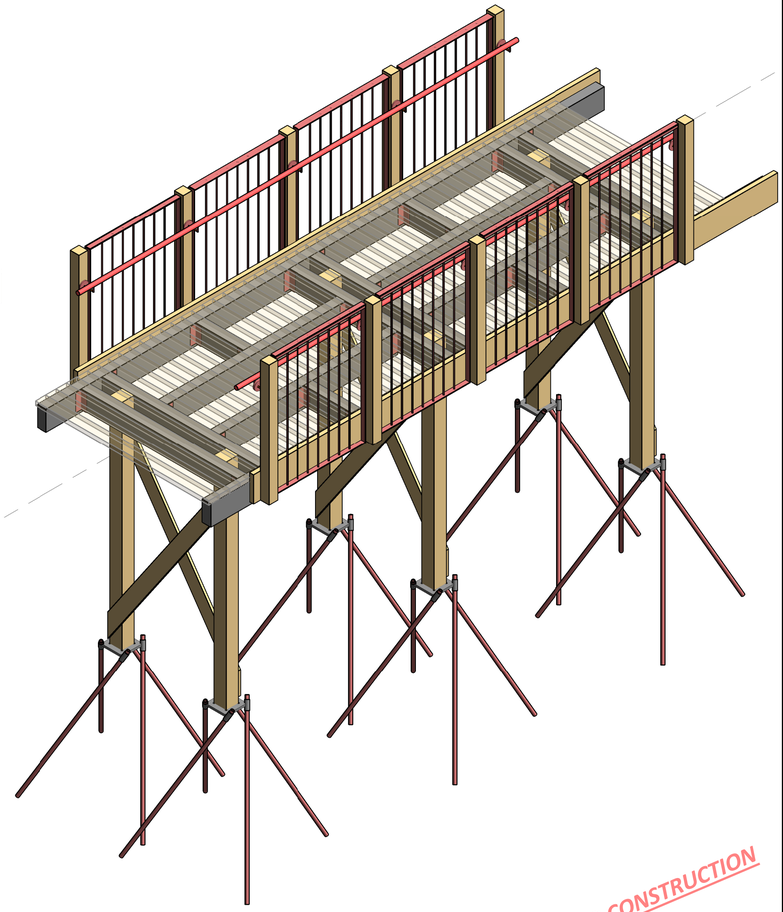
TYPICAL BOARDWALK PLAN VIEW

SCALE: 1 : 20



3D VIEW - PATH A

SCALE: N.T.S.



3D VIEW - PATH B

SCALE: N.T.S.

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TITLE:	NAME:
DRAFTER	MA
DRAFTING CHECK	TM
DESIGNER	AS
DESIGN CHECK	JA
PROJECT MANAGER	JA

MARION COASTAL WALKWAY UPGRADE
FIELD RIVER
HALLETT COVE, SA 5158
BOARDWALK STRUCTURE DETAILS 01

INNOVIS INTERACTIVE

SCALE:	DATE:	PHASE:	SHT SIZE:
As indicated	09/04/2021	TENDER	A1

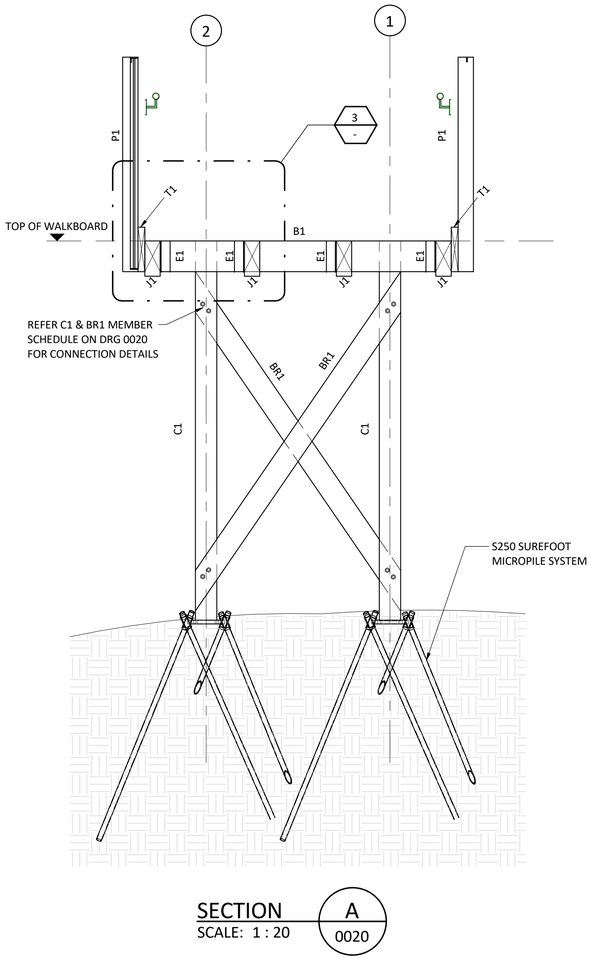
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REVISION: T1

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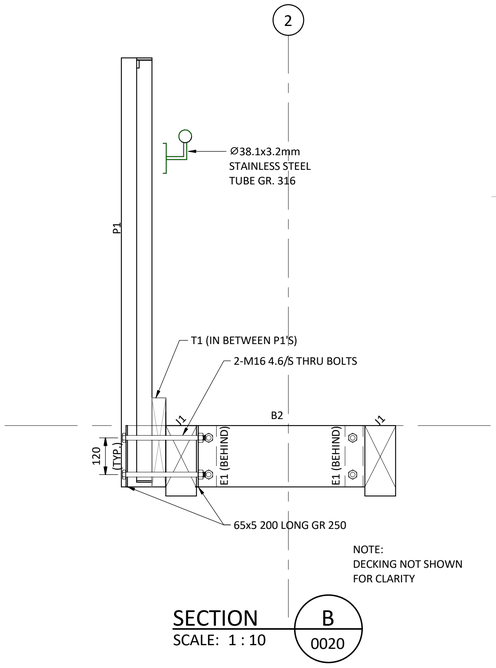
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10mm AT A1

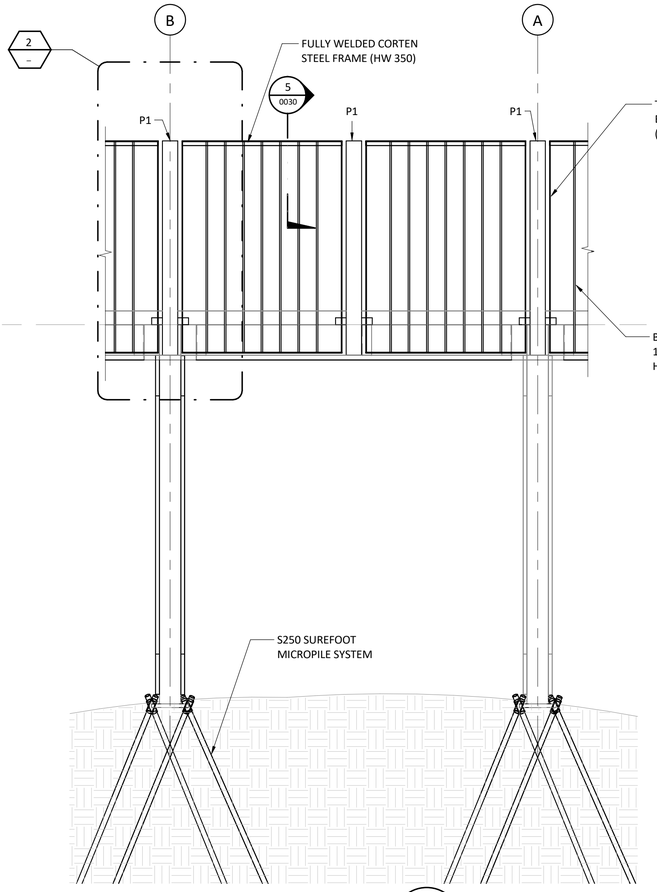


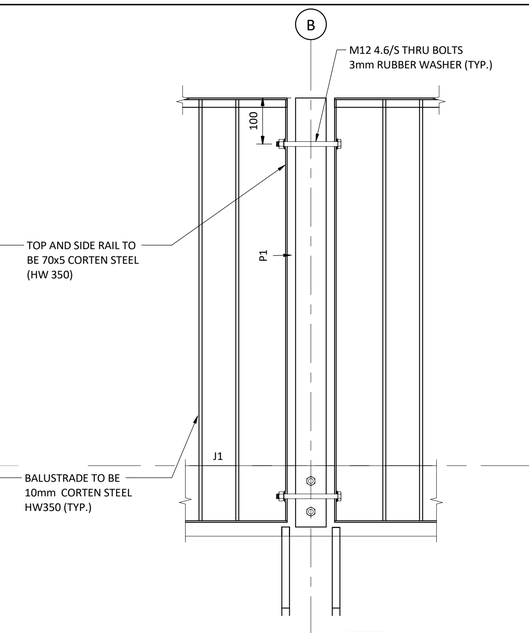
SECTION A
SCALE: 1 : 20
0020



NOTE:
DECKING NOT SHOWN
FOR CLARITY

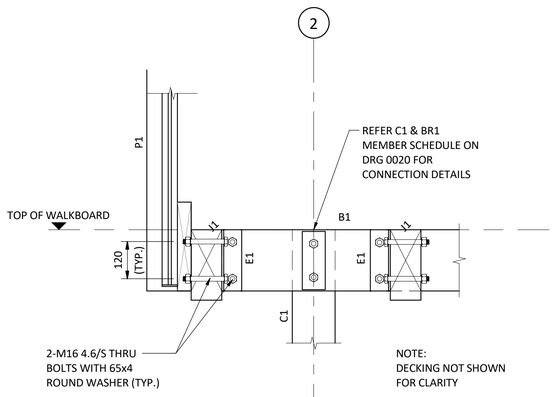
SECTION B
SCALE: 1 : 10
0020



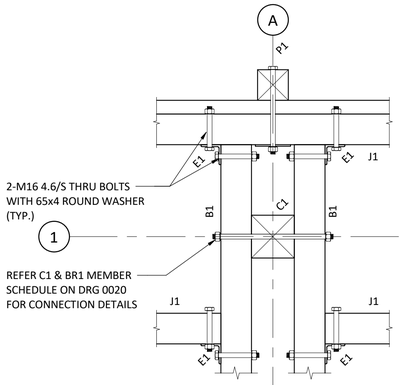


DETAIL 2
SCALE: 1 : 10

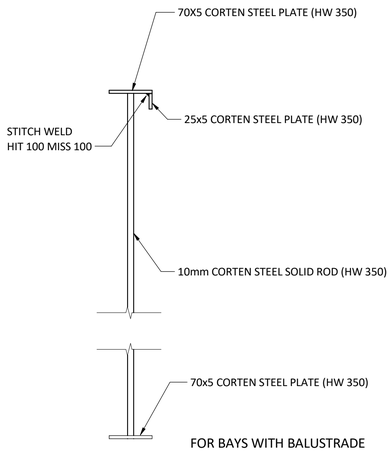
ELEVATION 1
SCALE: 1 : 20
0020



DETAIL 3
SCALE: 1 : 10

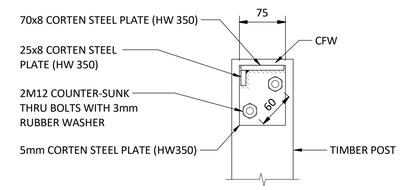


DETAIL 4
SCALE: 1 : 10
0020



FOR BAYS WITH BALUSTRADE

SECTION 5
SCALE: 1 : 5
–



FOR BAYS WITH STAINLESS STEEL WIRE

TYPICAL CONNECTION DETAIL OF TOP RAIL TO TIMBER POST
SCALE: 1 : 5

NOTE:
1. FOR GENERAL NOTES REFER TO DRAWING JXXXX-STR-DRG-XXXX TO JXXXX-STR-DRG-XXXX
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						DESIGNER	AS
						DESIGN CHECK	JA
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MARION COASTAL WALKWAY UPGRADE
FIELD RIVER
HALLETT COVE, SA 5158
BOARDWALK STRUCTURE DETAILS 02

INNOVIS INTERACTIVE

SCALE:	DATE:	PHASE:	SHT SIZE:
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0 10mm AT A1 20 30 40 50 60 70 80 90 100