Appendix P – Pier Cross Section

DSN DRN CHK APP AMENDMENT This document must not be copied without PTA's written permission, and the contents thereof must not be imparted to a third party nor be used for any unauthorised purpose. PTA Drawing No: Rev: Contractor No: CAD DRAWING PATHNAME Vault Template Revised Date : 26th November 2019 10.30am

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DESIGN LEVEL

DGWL 2AEP

EXISTING LEVEL

OFFSET

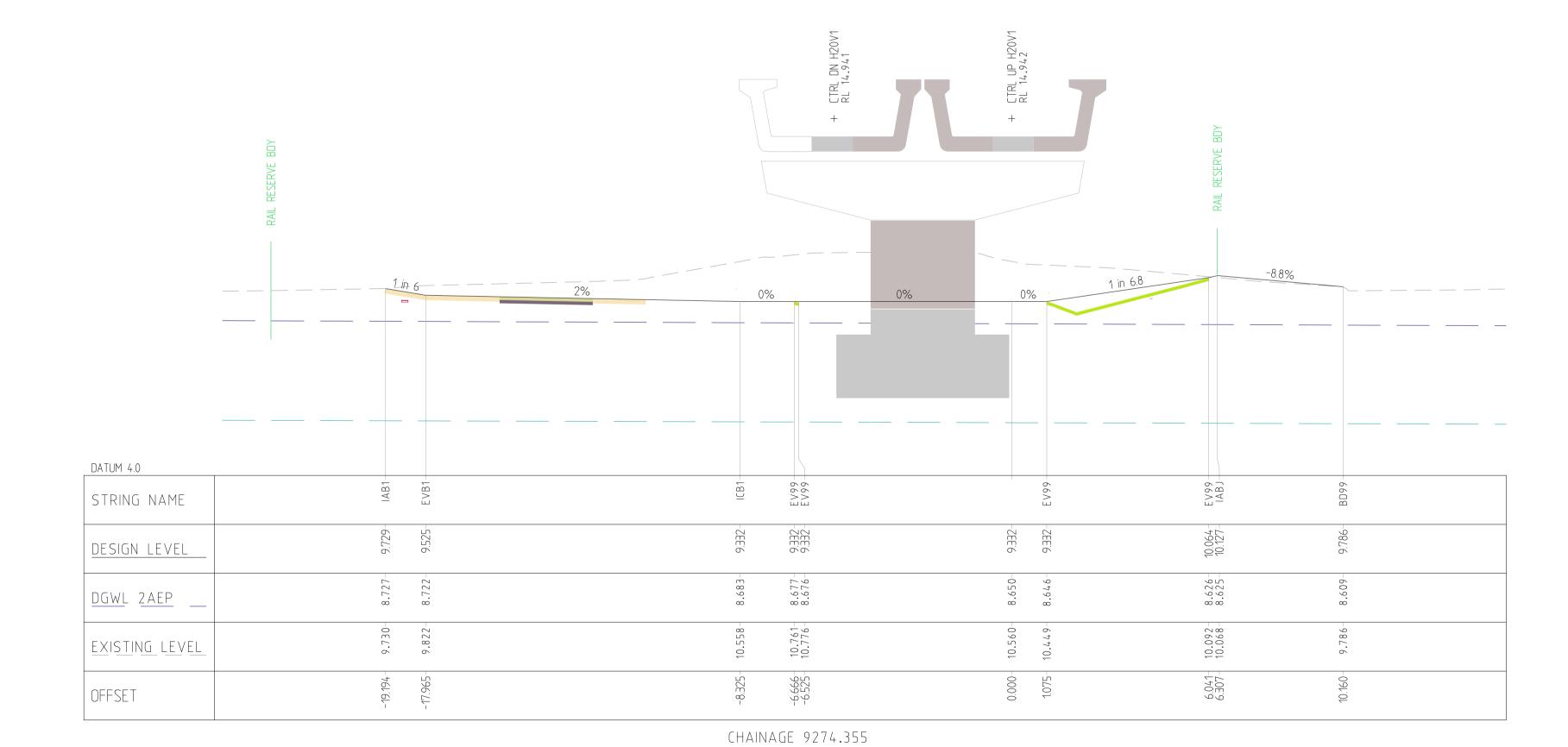
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	RAIL RESERVE BD				RAIL RESERVE BD	
		0.3%	-0.3%	3.4%	-4.	7%
STRING NAME	IAB1	<u>B</u>		[8]	IABJ	BD99
DESIGN LEVEL	9.753-	9.570	9.545	-9:236	9.648	9.461
DGWL 2AEP	8.728	8.685	8.654	8.643-	8.631	8.617
EXISTING LEVEL	9.753	10.583	10.540	10.074-	9.630-	9.461

CHAINAGE 9244.355



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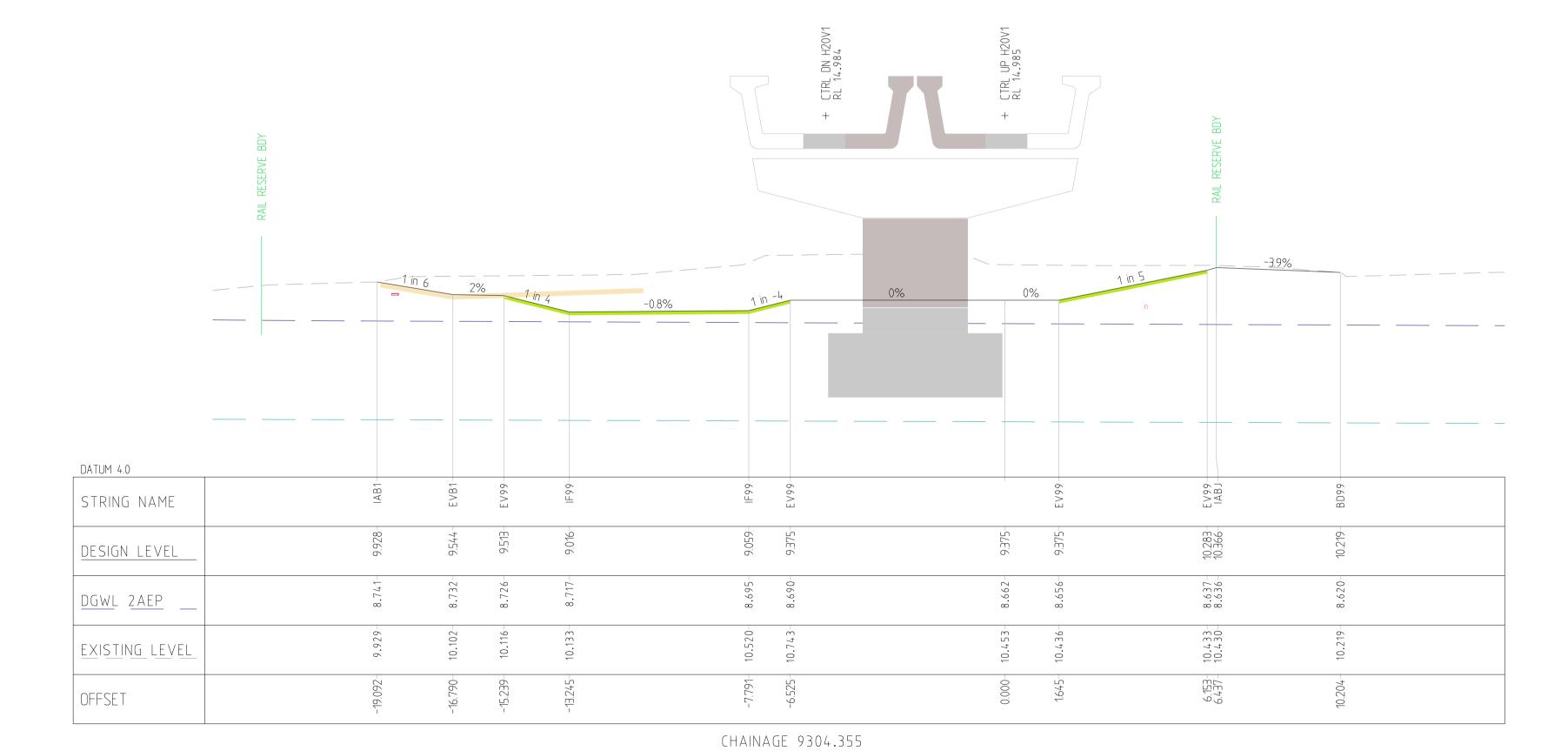
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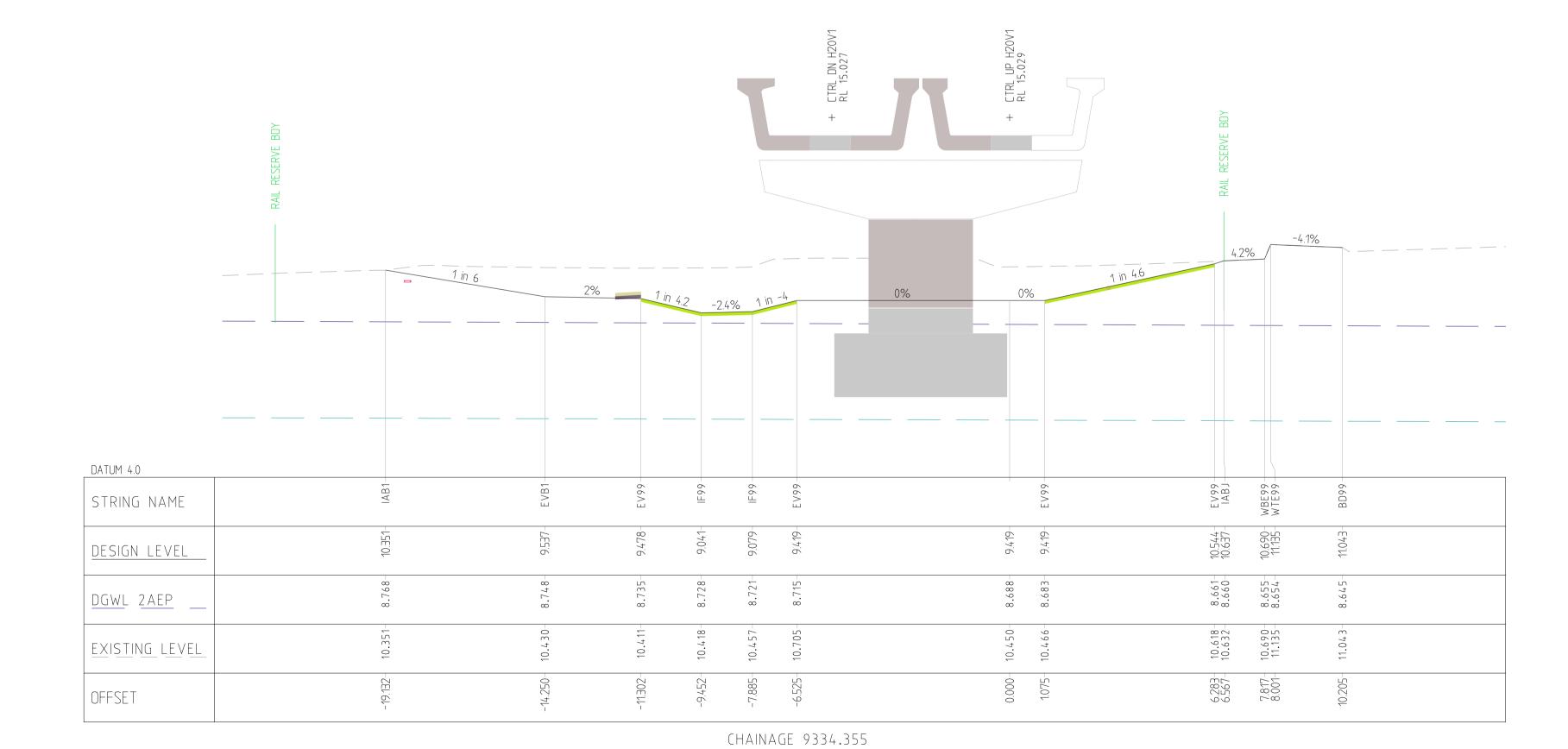
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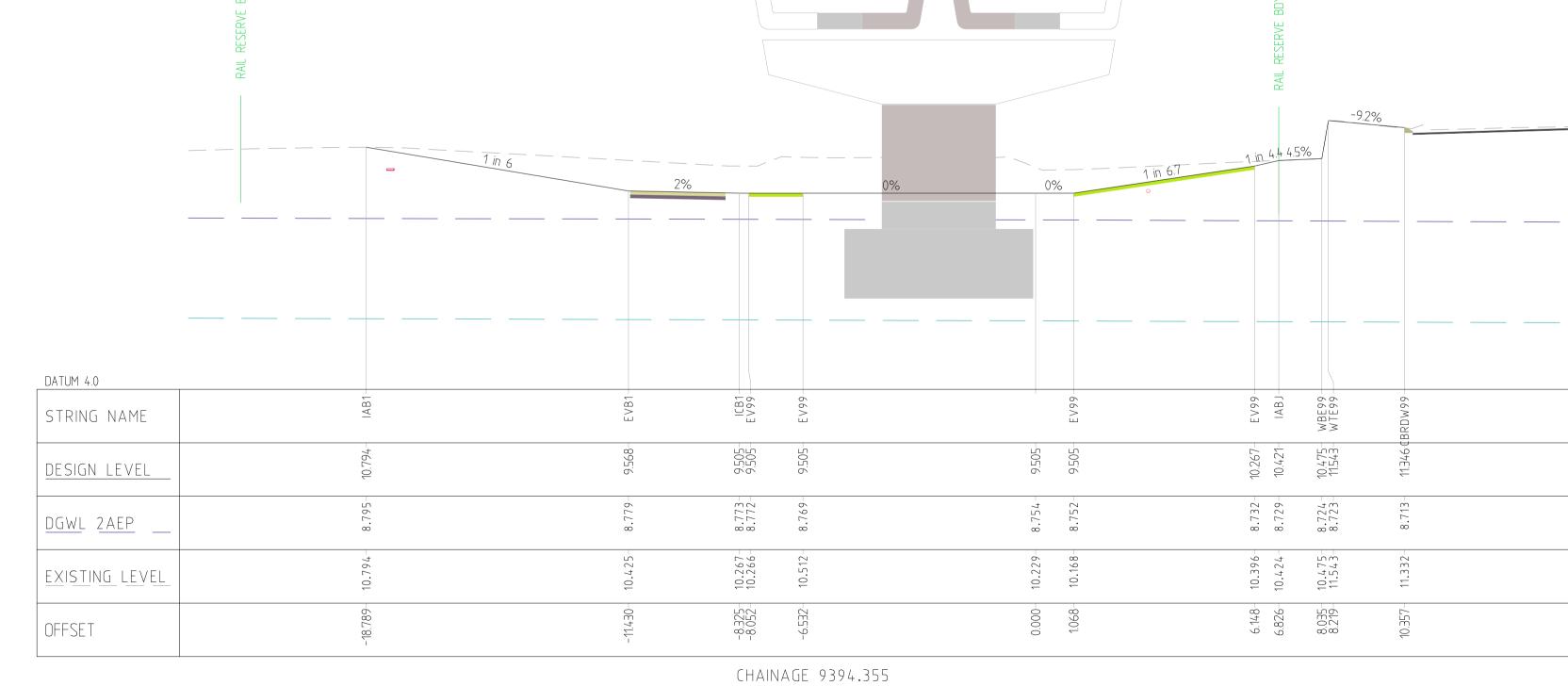
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CHAINAGE	9364.355

	RAIL RESERVE BDY				+ CTRL UP H20 + CTRL UP H20 RL 15.072	RAIL RESERVE BDY	
		1 in 6	-2.1%	1 in -4	0% 0% 1 in 5.3	-9.1%	
DATUM 4.0 STRING NAME	IAB1	E V 99	6641	F999	666	EV99 IABJ WBE99 WTE99	
DESIGN LEVEL	10.954	10.119	9.087	9.127-	9.462-	10.477- 10.558- 10.607- 11.483-	
DGWL 2AEP	8.789	8.773-	8.759	8.753-	8.721-	8.693- 8.692- 8.687- 8.687- 8.677-	
EXISTING LEVEL	10.954	10.768-	10.531	10.457-	10.405-	10.547-10.558-11.683-11.483-	
OFFSET	-18.927-	-13.920-	-9.788-	-7.866-	0.000-1.072-	6.413- 6.696- 7.932- 8.116- 10.301-	



DSN DRN CHK APP

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	— RAIL RESERVE BDY		+ CTRI	RAIL RESERVE BDY		
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4.0						
NG NAME	IAB11	EVB1	EV99-	EV99-	10.267 EV99-10.421 IABJ-10.475 WEE99-11.543 WTE99-11.346 (BRDW999-	
GN LEVEL	10.794-	9.568	9.505-	9.505	`	
L 2AEP	8.795-	8.779-	8.773-	8.754-	8.732- 8.729- 8.724- 8.723- 8.713-	
TING LEVEL	10.794	10.425-	10.267– 10.2666– 10.512–	10.168-	10.424- 10.425- 10.475- 11.543- 11.332-	
ET	-18.789-	-11,430	-8.325 -8.052 -6.532	0.000-	6.148- 6.826- 8.035- 8.219-	

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ARMADALE LINE UPGRADE ALLIANCE

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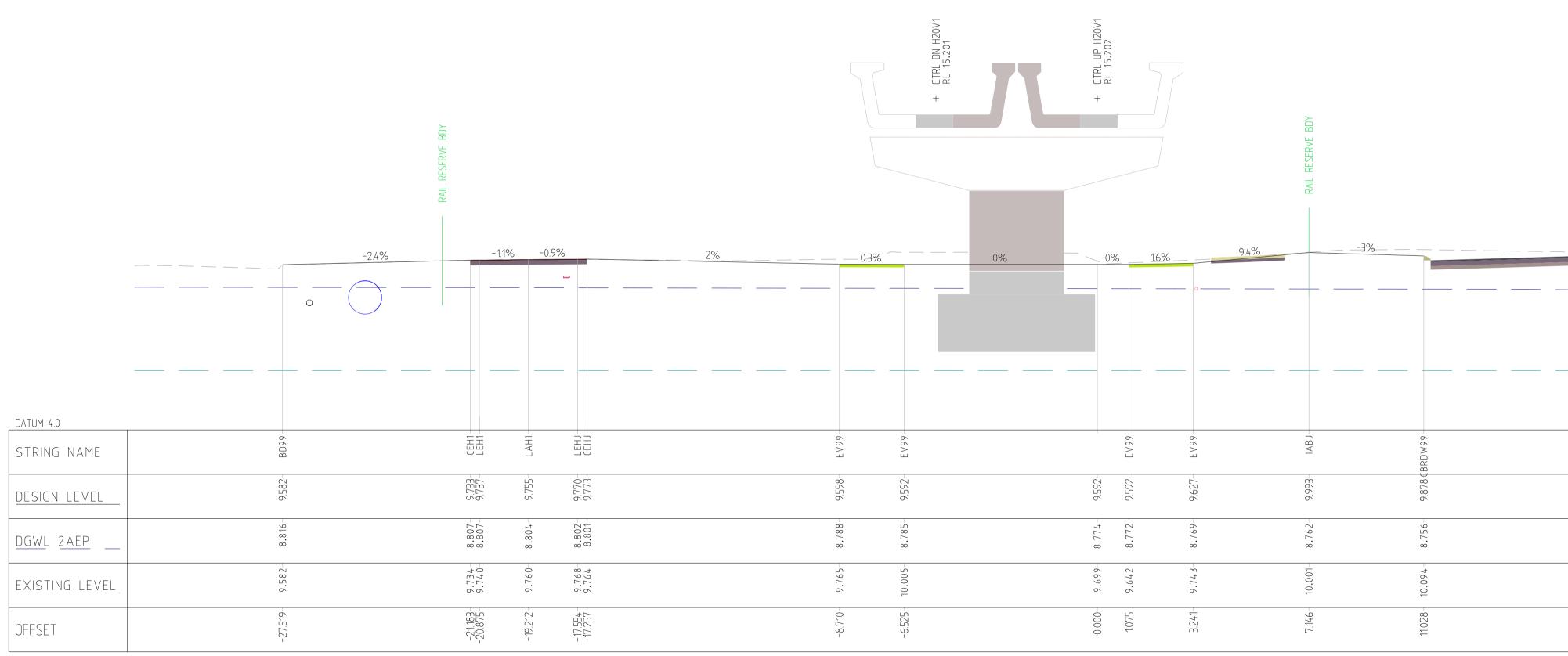
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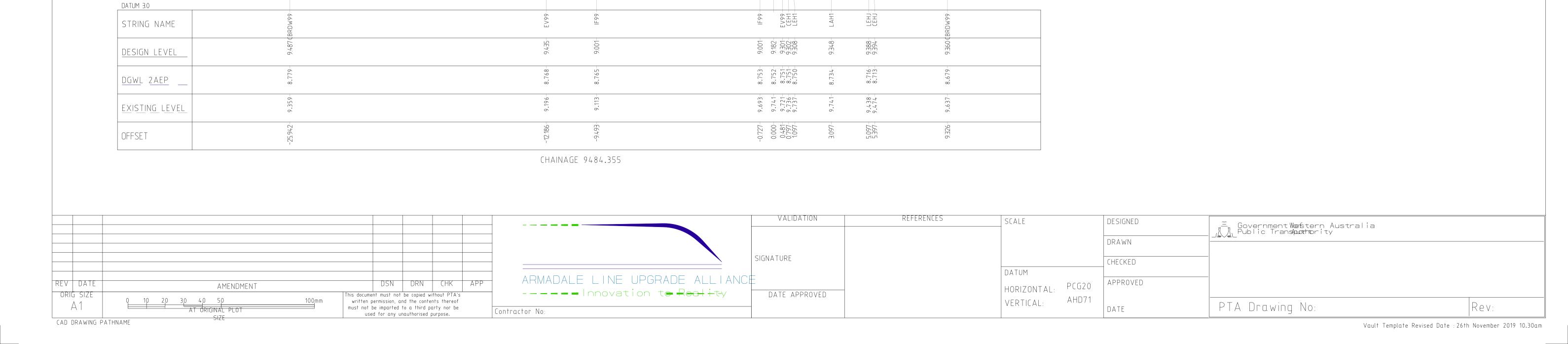
CHAINAGE	9424.355

					+ CTRL DN H20V	+ CTRL UP H20V			RAIL RESERVE BDY	-11.	Q 0/	
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DATUM 4.0												
STRING NAME	IAB1-	EVB1-		ICB1-		1	ICBJ-		IABJ-	WBE99- WTE99-	BRDW99-	
DESIGN LEVEL	10.236-	-689-		9.549-		9.549	9.549-		10.209	10.240-	10.766	
DGWL 2AEP	8.814	8.807		8.792		8.774-	8.768		8.759	8.756-	8.751	
EXISTING LEVEL	10.236-	10.206		10.054-		-856-6	10.048		10.195	10.240-	10.823-	
OFFSET	-18.623-	-15.340-		-8.325-		0.000	2.875-		7.037	8.108- 8.258-	10.527	



CHAINAGE 9454.355

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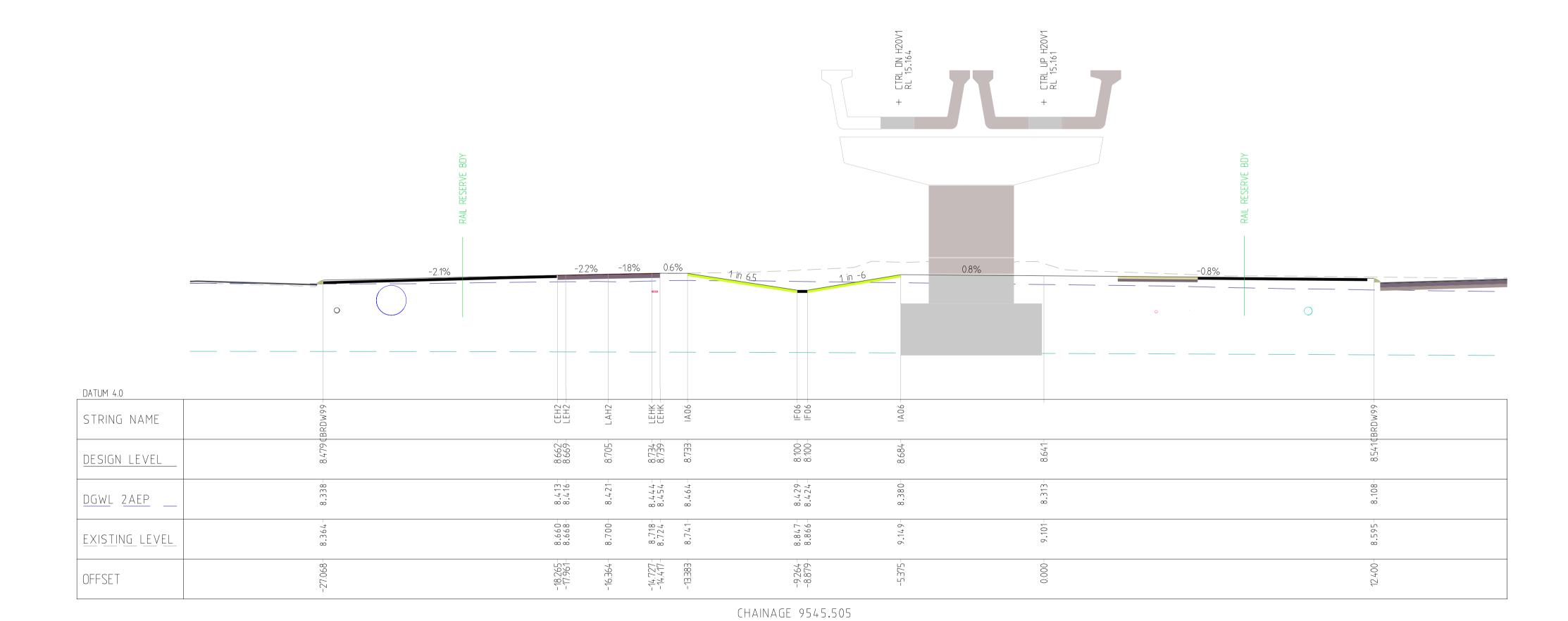


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CHAINAGE	9515.505

			+ CTRL DN H20V1	+ CTRL UP H20V1 RL 15.232			
	RAIL RESERVE BDY					RAIL RESERVE BDY	
		2.2%		-2.2%		-2.2%	
DATUM 3.0							
STRING NAME	BRDW99			СЕН2-	LAH2-	BRDW99	
DESIGN LEVEL	9.673-66			9.136-	9.166-	9.084	
DGWL 2AEP	8.642			8.554 8.550 8.550 8.554	8.537- 8.525- 8.525-	- 0005.8	
EXISTING LEVEL	9.343			9.356- 9.243- 9.236-	9.210-	- 890.6	
OFFSET	-24.542-			0.000	3.030-	11.256	
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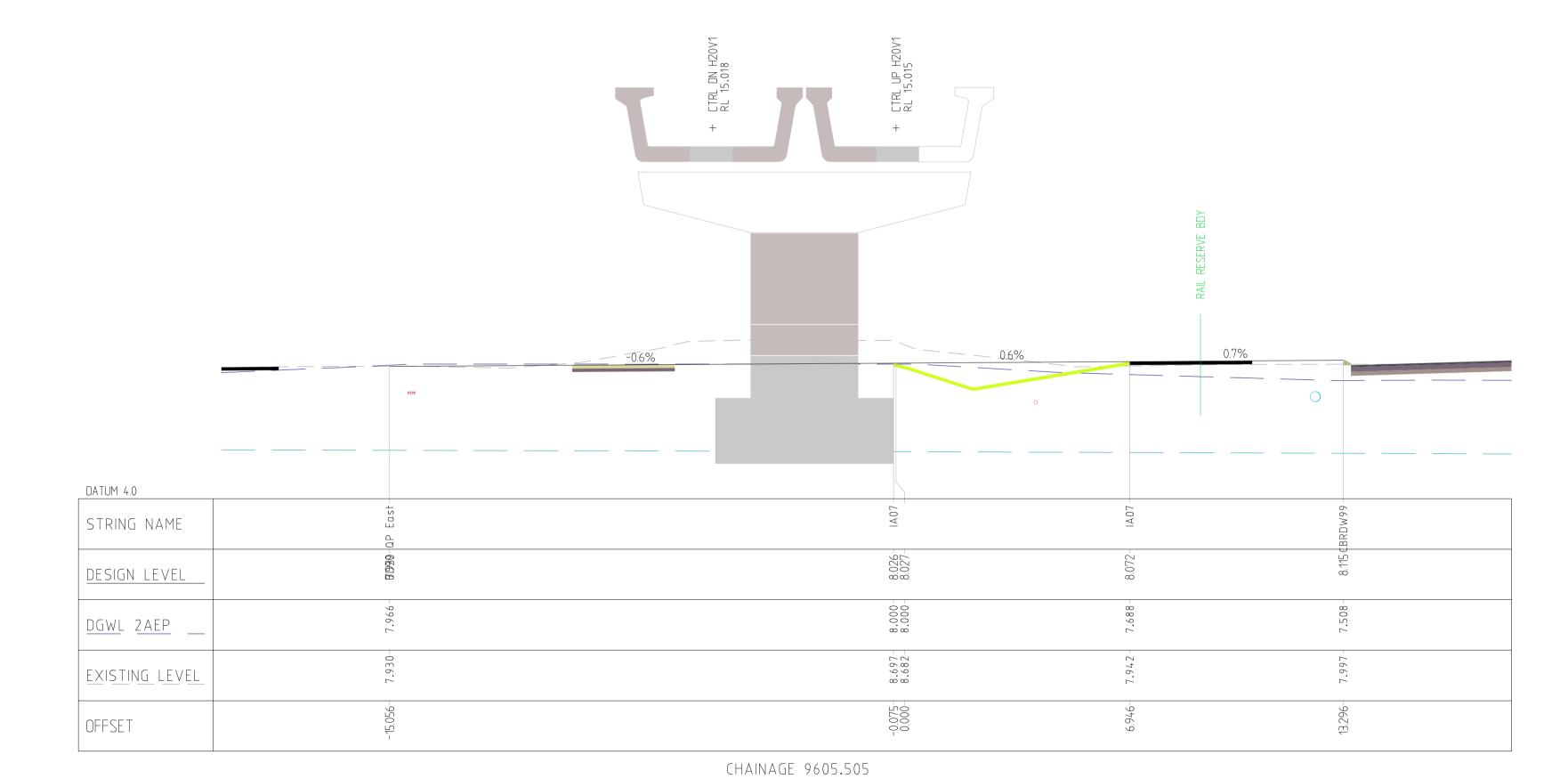
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CHAINAGE 9575.505

		+ CTRL DN H20V1 RL 15.091 RL 15.088	
		RAIL RESERVE BDY	
		-0%	0
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STRING NAME	ΩP Eαst		€BRDW99-
DESIGN LEVEL	-66日8B	8.331	8.325.6
DGWL 2AEP	8.238	8.062	7.774-
EXISTING LEVEL	8.339	8.781	8.251
OFFSET	-15.220-	-0000	12.436-



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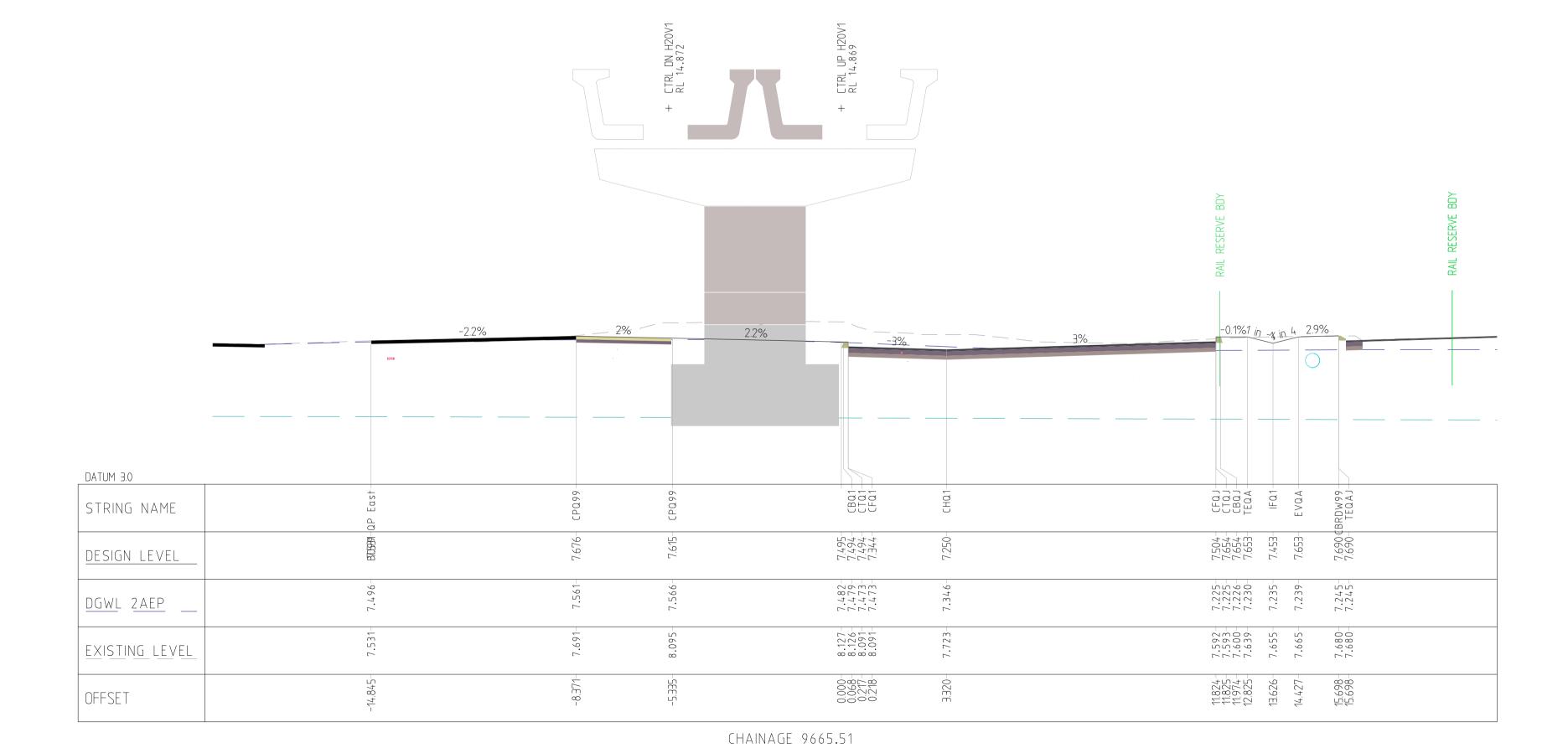
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DATUM 4.0						
STRING NAME	QP East-		'		7.903 (BRDW99-	
DESIGN LEVEL	8099		7.842		7.903	
DGWL 2AEP	7.603-		7.439		7.250-	
EXISTING LEVEL	7.779		8.419		7.862-	
OFFSET	-14.940-		00000		14.577	



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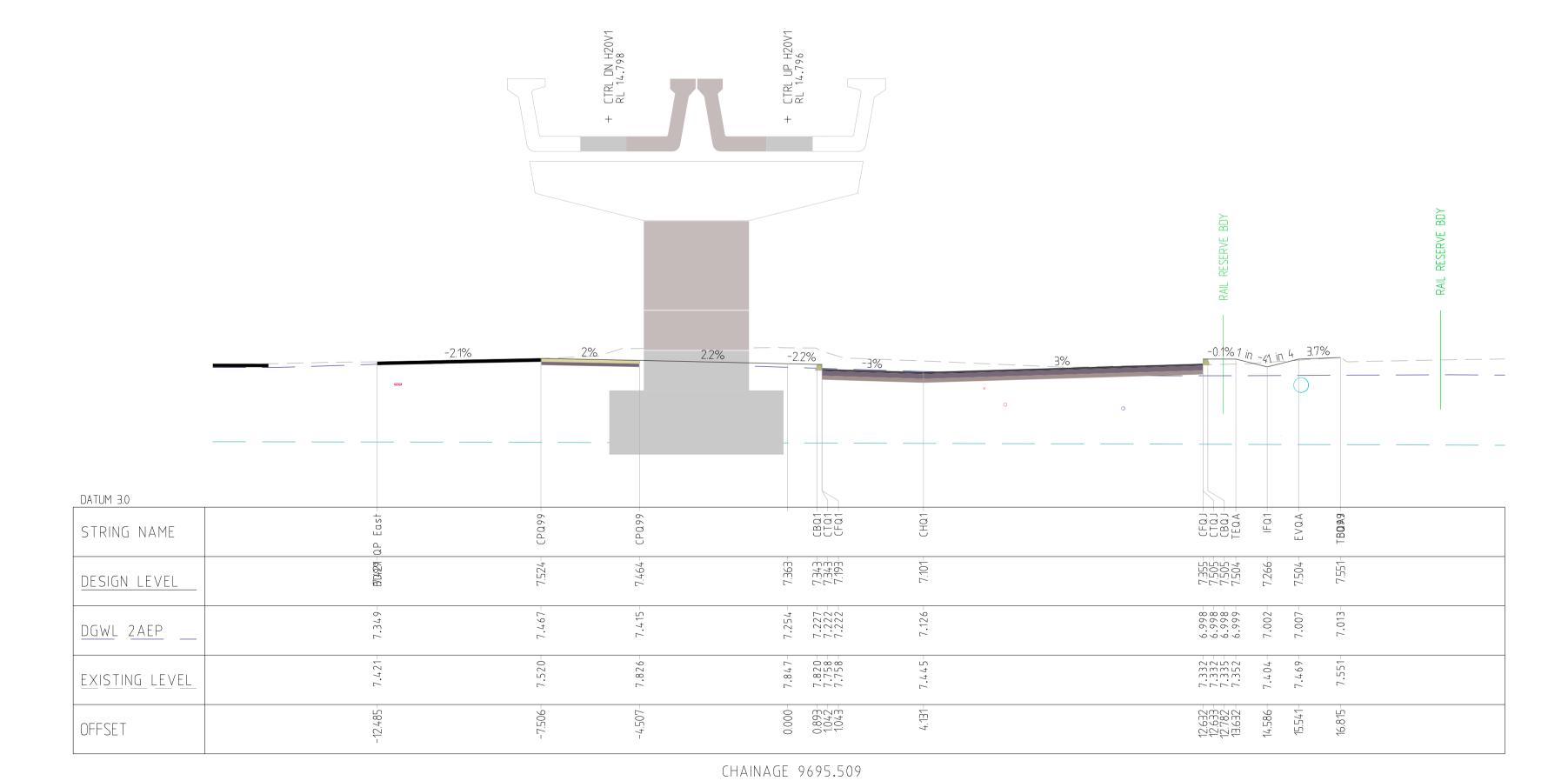
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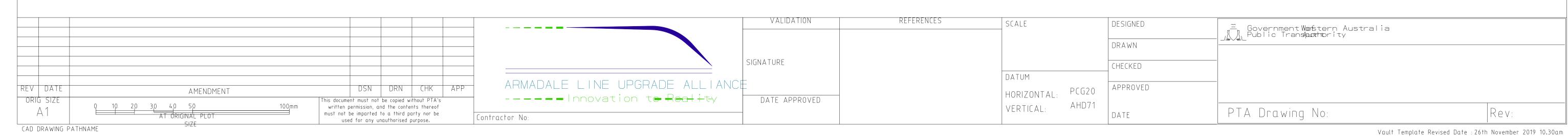
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		+ CTRL DN H20V'	+ CTRL UP H20V			
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	1.2%	%	-2.2% =3%		-7.7% 1 m -4 1 in 4 2.9%	
DATUM 3.0						
STRING NAME	aP East (Pa99	CPQ99	CBQ1- CTQ1- CFQ1-	CHQ1	CFQJ- CTQJ- CBQJ- TEQA- FQA- TBQA9- TBQA9-	
DESIGN LEVEL	B <u>I</u> B 02 -7.374-	7.314	7.215-7.194-7.194-7.044-	-156.9	7.205-7.355-7.289-7.289-7.289-7.327-7.227-7	
DGWL 2AEP	7.284-	7.227	7.093-7.064-7.060-7	- 586.9	6.8889 6.8888 6.8888 8.887 8.888 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	
EXISTING LEVEL	7.402-	7.597	7.607- 7.611- 7.612- 7.612-	7.235-	7.187- 7.190- 7.211- 7.250- 7.295- 7.327- 7.327-	
OFFSET	-9.812-	-4.447	0.000- 0.952- 1.101- 1.102-	4.181-	12.682 12.6832 13.686 14.885 16.085 17.390	

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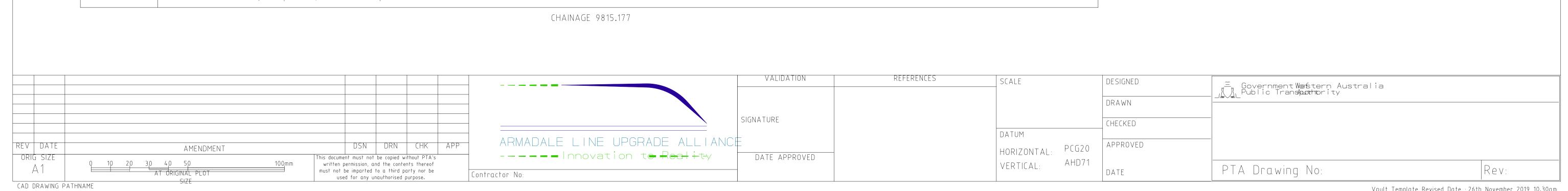
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		+ CTRL DN H20V1 RL 14.656		+ CTRL UP H20V1					
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STRING NAME	DP East	CPQ99-	- CPQ99	1	CBQ1-	CHQ1—	CFQJ- CTQJ- CBQJ- TEQA-	IFQ1-	T B B B B B B B B B B B B B B B B B B B
DESIGN LEVEL	0-6608	7.233-	7.173-	7.075	7.053-6.903-	6.811	7.066- 7.216- 7.216- 7.037-	7.036	7.083
DGWL 2AEP	7.187	7.194-	7.146	7.039-	7.014-7.010-7.010-	6.952	6.819 6.819 6.817 6.805	6.784	6.743-
EXISTING LEVEL	7.374	7.303-	7.425	7.396	7.414-7.417-7.417-	7.107	7.052- 7.052- 7.053- 7.061-	7.077	7.083-
OFFSET	-9.859-	-7.425-	-4.4.24-	0.000	0.976- 1.125- 1.126-	4.226-	12.727- 12.728- 12.877- 13.727-	15.120-	71.8.71 8.19

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OFFSET	-16.90	-10.0 <u>-</u>	-0.134 0.0000 2.424 2.900 2.900 4.837 5.137	9.137 9.437 10.638	15.00°				
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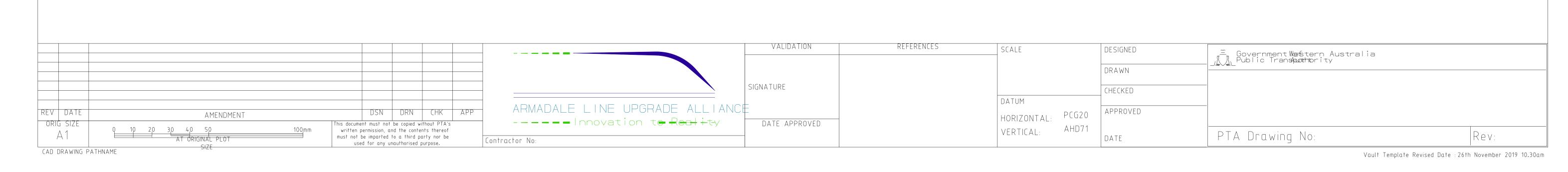
				+ CTRL DN H20V1 RL 14.581	+ CTRL UP H20V1 RL 14.579						
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_		-0	%	1.3%		7-51	3 -0.5%	-0.7% -2%	1 in	₩ -1.5%	RAIL
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DATUM 2.0											
STRING NAME	ap East-	- 1409-	- IA09-		IA08-	IF08-	1A08- CBQ1- CFQ1-	CFQJ- CBQJ-	IF10-	IA10- BD99-	
DESIGN LEVEL	0-6268	6.979	6.982		6.856	6.350-	6.809-	6.776- 6.776- 6.752-	6.160-	6.645-	
DGWL 2AEP	7.008	7.017	7.053-		6.986- 6.982-	6.923-	6.877- 6.862- 6.855-	6.754-6.746-	6.591-	6.538-	
EXISTING LEVEL	-6.979	7.056	7.016		7.220-	6.947-	6.956-	6.715-6.712-6.759-	-979-9	6.642-	
OFFSET	-16.909-	-15.560-	-10.001		-0.134 -0.000	2.424-	4,262- 4,837- 5,137-	9.137-9.437	14.191-	16.944-	



					+ CTRL DN HZC RL 14.506	+ CTRL UP H2C RL 14.505			
	RAIL RESERVE BDY							RAIL RESERVE BDY RAIL RESERVE BDY	
		% 1 in	4	0% 1 in -	7.2	-1.1% -0.8% -1%	-1%	-2.2%	
DATUM 2.0									
STRING NAME	aP East-	- 1409	IF09-	IF09-	1A09-	CBQ1-CBQ1-CBQ1-	CFQ1-	BD99-	
DESIGN LEVEL	BBB3-(-065'9	6.180	6.180-	6.762-	-089.9	6.553-	6.462	
DGWL 2AEP	6.712	6.736	-992.9	6.833	6.903-	6.576-	-8565-9-868-9-808-9	6.278	
EXISTING LEVEL	6.563	-049.9	6.705	6.780	6.853-	7.088-6.905-6.688-6.688-6.643-6.643-6	6.618-	6.462	
OFFSET	-20.133-	-18.832-	-17.189-	-13.872-	-9.678-	0.000-1.005-4.022-	4.322- 13.366- 13.960-	18.282	

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OFFSET	-20.7;		-4.16	0.00	8.4 7.7.7.	7,49. 2,5.2. 2,5.2.	18.06			
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	-68	-02	-8	-047	.05- .05-			
EXISTING LEVEL	6.3	6.7	8.9	9. 9.	6.354			
OFFSET	-21.072-	-18.210-	-0.950-	0.000-	12.254-13.228-14.894-17.831-			
			CHAINAGE	875.181				
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					SCALL		Government Wæstern Australia	
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AMEN	NDMENT		.	UPGRADE ALLIANCE	HODI70	ONTAL: PCG20 APPROVED		
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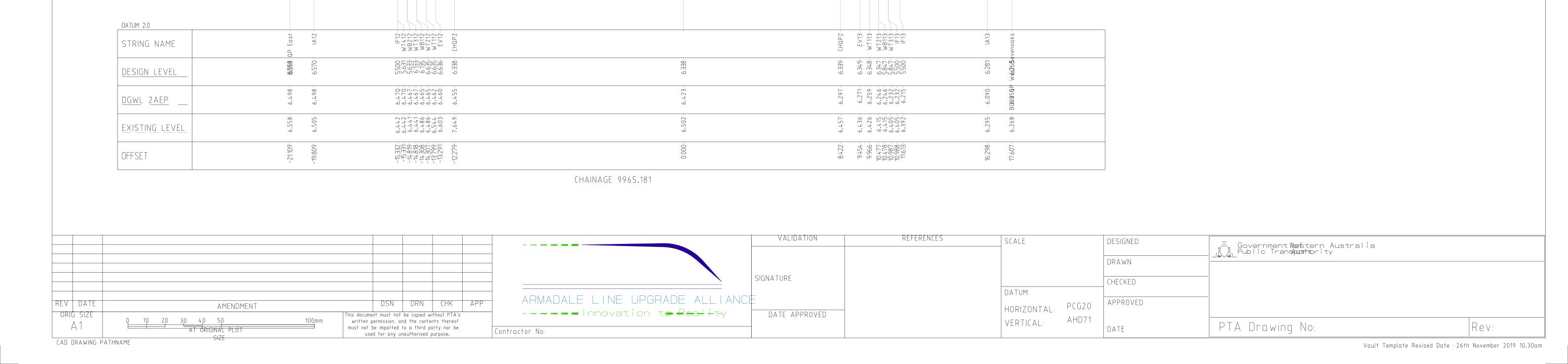


	RAIL RESERVE BDY			+ CTRL DN + RL 14.28	+ CTRL UP RL 14.28		RAIL RESERVE BDY RAIL RESERVE BDY
		7%	- <u>1.5%</u>			1.776	-2.8% 1 in -4.3 1 in 6 -2.7%
STRING NAME	P East	СНФР2	СНФР1			CHQP1	(HQP2
DESIGN LEVEL	BB86-0	-92-9	-005:9		- 005:9	-005:9	6.435-
DGWL 2AEP	-987.9	6.472	6.451		6.331	6.234-	6.156-6.156-6.130-
EXISTING LEVEL	6.386	- 388-	6.574		-6.779	6.364	6.329-6.308-6.308-6.295-6.295-
OFFSET	-21.055-	-18.215-	-13.875-		0000.0	8.425-	12.259-13.227-14.734-17.613-1
				CHAINAGE 9905.181			

Vault Template Revised Date : 26th November 2019 10.30am

OFFSET	-21.052- 6.5	-16.390 -16.389 -15.889 -15.889 -15.388 -15.388 -14.386 -14.386 -14.386 -14.386 -14.386 -14.386 -14.386 -14.386 -16.603	0.000	5.088- 6.703- 6.111- 6.703- 6.620- 6.703- 7.128- 6.703- 7.129- 6.703-	10.850-6.5	17.683- 6.3		
			CHAINAGE 9935.181					
				VALIDATION	REFERENCES	SCALE	DESIGNED	"≕" Government Wæfstern Australia
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	1ENDMENT	DSN DRN CHK APP	ARMADALE LINE UPGRADE ALLI	SIGNATURE	REFERENCES	DATUM HORIZONTAL: PCG20	DRAWN CHECKED	Government Western Australia Public Transporthority

		RAIL RESERVE BDY		+ CTRL DN H20V1	+ CTRL UP H20V1 RL 14.213			RAIL RESERVE BDY AIL RESERVE BDY
		-1.7%	0% 1 in 5.4			0% 4.1% -0.1%	11114	_1%
DATUM 2.0		12	7 2222222			2 mm mm 2	m m	V3
STRING NAME		QP East IA12	IF12- WT412- WB212- WT312- WT112- WT112- EV12- CHQP2-			CHQP2- EV13- WT113- WT213- IF13-	IF13 IA13	۰ × ۰ ۰ ۰ ۰ ۰ ۰ ۰ ۰ ۰ ۰ ۰ ۰ ۰ ۰ ۰ ۰ ۰ ۰
DESIGN LEVEL	-	6.535	0 000000000000000000000000000000000000		6.392	6.391- 6.433- 6.432- 5.960-	5.960-	W 65325 e
DGWL 2AEP	-	-567.9	6.459 6.459 6.459 6.455 6.455 6.451 6.451 6.448 6.448		6.332-	6.293- 6.285- 6.281- 6.277- 6.277-	6.248-	B D. 9. .999.P
EXISTING LEVEL	-	6.512-	6.555 6.5557 6.5577 6.5577 6.559 6.659 6.601		-709'9	6.703- 6.703- 6.703- 6.703- 6.703-	6.509-	6.328-
		-25	8888899 88888999			20 20 29 29		



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		+ CTRL DN H20V1 RL 14.068	+ CTRL UP H20V1 RL 14.067			
	RAIL RESERVE BDY	0.8%		%	-0.7% -1.4%	RAIL RESERVE BDY RAIL RESERVE BDY
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DATUM 2.0	1 5			IA16	IA16	BD99
STRING NAME	Q P Ea					BD.
DESIGN LEVEL	86238		6.258-	6.234	6.170	-160.9
DGWL 2AEP	- 9:458		6.287	6.239-	6.037	-000-
EXISTING LEVEL	6.433		-0.430	6.447	5.985	- 160.9
OFFSET	-21.113-		0.000	2.850-	11.364	16.713-
		CHAINAGE 99	995.181			

Vault Template Revised Date : 26th November 2019 10.30am

EXISTING LEVEL	6.317	6.38	6.347	6.129				
	72-	87-	00	-59				
OFFSET	-21.0'	- 15.8	Ö. O	44.8 8.4				
			CHAINAGE 10023.381					
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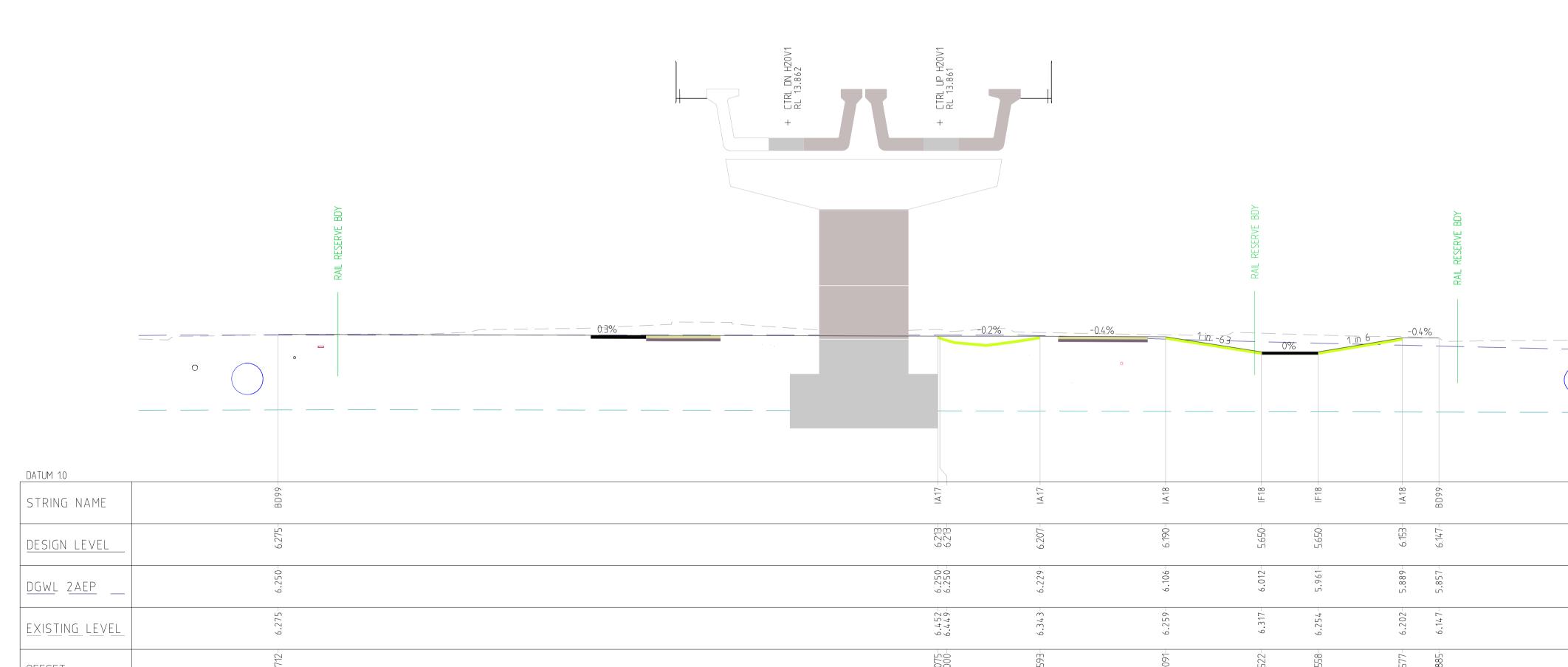
				+ CTRL DN H20V1 RL 13.999	+ CTRL UP H20V1 RL 13.998	
		AAIL KESEKVE BUT		0.5%	-0.5%	RAIL RESERVE BDY RAIL RESERVE BDY
	•					
DATUM 2.0						
STRING NAME		QP East	- IA15		i i	BD99
DESIGN LEVEL	_	6.311-	6.291-		6.207	6.129
DGWL 2AEP	_	6.397-	6.416		6.291	5.978
EXISTING LEVEL	_	6.329-	6.382		6.347	6.129
OFFSET		21.072-	-15.887		0000	14.865

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			+ CTRL DN H20V1 RL 13.930	+ CTRL UP H20V1 RL 13.929						
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DESIGN LEVEL	BB88			6.223-	5.650	5.650-	6.180		6.123-	
DGWL 2AEP	6.320			6.299 6.298	6.271	6.223-	6.14.8		5.931	
EXISTING LEVEL	6.366-			6.412	6.359	6.277-	6.189		6.123	
OFFSET	-20.985-			-0.075-	3.435-	5.472-	8.650		17.783-	
			CHAINAGE 100	E1 4 0 0						

EXISTING LEVEL	6.27		6.452-6.449	6.34	6.25	6.31	6.25	6.20)			
OFFSET	-23.712-		-0.075	3.593-	8.091	11.522	13.558	16.577-			
		CHAINAGE 10079.781									
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		CHAINAGE 10110.931					
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		+ CTRL DN H20v RL 13.786			
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DATUM 2.0 STRING NAME	BD99	IA20	IA20	IA20	BD99
DESIGN LEVEL	-895.9	6.312-6.305-	6.286	6.267	6.225
DGWL 2AEP	6.250-	6.250-	6.250-	6.250	5.983
EXISTING LEVEL	-368-	6.524-	6.557-	6.487	6.225-
OFFSET	-21.858-	-7.184-	-0.075 -0.000	5.406-	16.812

OFFSET	-25.150-	-10.245-	-0.075-0.000-	17.208-		
		CHAINAGE 10142	.081			
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CHAINAGE 10173.231

	RAIL RESERVE BDY RAIL RESERVE BDY		+ CTRL DN H20V1 RL 13.634	+ CTRL UP H20V1 RL 13.633			RAIL RESERVE BDY	3 /	
		-0.7%		1 in	0%	<u>1 if</u>	1.6		
DATUM 2.0									
STRING NAME	BD99			IA22	IF22	IF22	IA22	BD99	
DESIGN LEVEL	6.267			6.442	5.800-	5.800	6.517	-6:236	
DGWL 2AEP	-0000.9			6.160-	- 760.9	6.028	-0000.9	-000.9	
EXISTING LEVEL	6.267			6.428-	6.288	6.303-	6.373-	6.539-	
OFFSET	-25'492-			0.000-	3.775-	7.105	-11,405	14.775-	
	<u>'</u>		HAINAGE 10173.231						

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	RAIL RESERVE BDY		+ CTRL DN H20V1 RL 13.558 + CTRL UP H20V1 RL 13.558		RAIL RESERVE BDY		
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DATUM 2.0							
STRING NAME	B D 9 9		IA22	IF22	IF22	IA22—BD99—	
DESIGN LEVEL	6.342		6.326-	5.800	-008.5	6.282	
DGWL 2AEP	5.852		0000.9	6.012	-0000.9	-000.9	
EXISTING LEVEL	6.342		6.433	6.199	6.165	6.282-	
OFFSET	-25.348-		-0.075-	3.080	8.251	11.362-	
		CHAINAGE 102	04.408				

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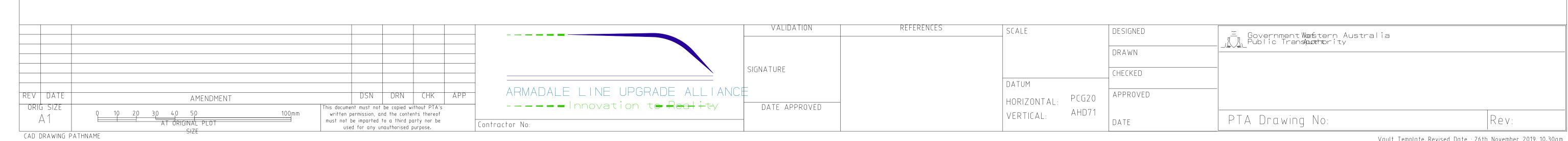
		+ CTRL UP H20V1 RL 13.482					
	- RAIL RESERVE BDY					— RAIL RESERVE BDY	
		0.4%		-0.4%	1 in -4.3 — 0%	-0.4%	
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DATUM 2.0							
STRING NAME	BD99				IA22	IF22 IA22 BRIBA99	
DESIGN LEVEL	6.317			6.203-	6.180	5.800- 6.152- 6.147-{	
DGWL 2AEP	5.534			5.712-	5.729-	5.789-5.804-	
EXISTING LEVEL	6.317			6.361	6.020-	6.140-	
OFFSET	-25.412-			0000	5.188-	9.911-1.320-12.590-	
		CHAIN	NAGE 10235.531				

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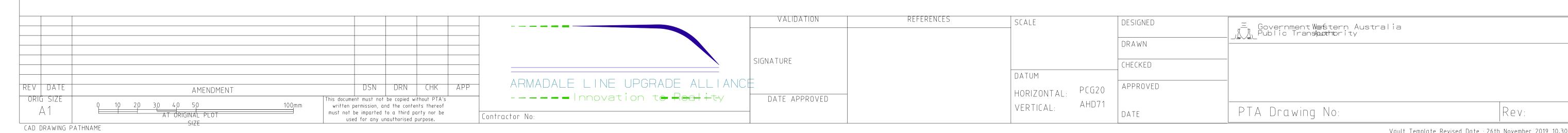
CHAINAGE	10297.83

			+ CTRL DN H20V1	+ CTRL UP H20V1 RL 13.330					
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		-0.4%		0.4	%	2%		-1.9%	
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STRING NAME	8.7 图 9.9 9				1 1 1 1 1 1 1	LAF1	LEFJ+	BR 18/099	
DESIGN LEVEL	6.183 83			6.280	6.286-	6.332	6.372- 6.378-	6.308	
DGWL 2AEP	5.053			5.323-	5.335-	5.348	5.357-	5.380-	
EXISTING LEVEL	- 991.			6.247	6.176-	6.197	6.203-	6.217	
OFFSET	-28.215-			-0000	1.791-2.091-	4.091	6.091-	10.108	

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CHAINAGE 10328.981



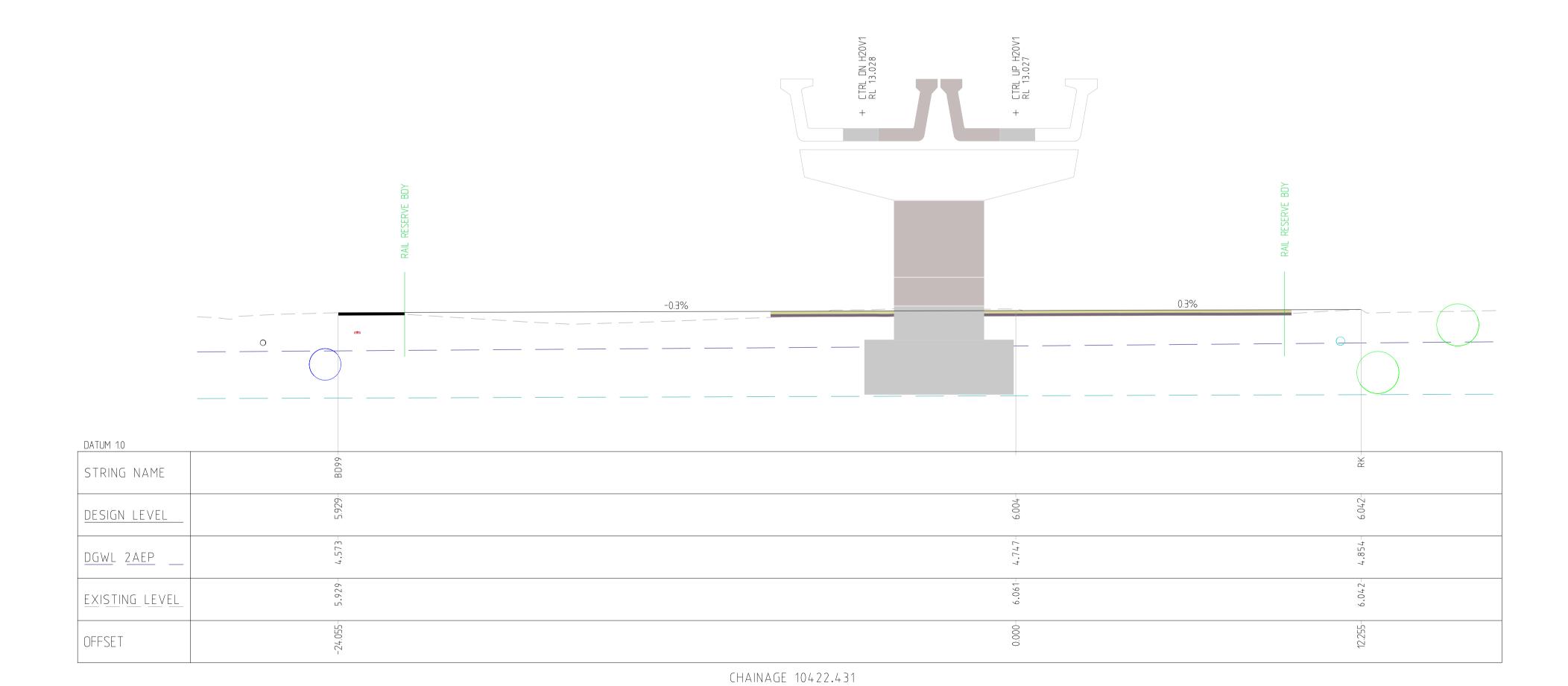
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DESIGN LEVEL	5.868-	5.834-		-06.03	6.077
DGWL 2AEP	4.77.8-	4.787 4.817 4.821		5.026	5.113-
EXISTING LEVEL	5.88	5.868-		6.178	-6,049
OFFSET	-29.039	-25.831 -24.021 -22.137 -21.813		000.0	12.411-

Vault Template Revised Date : 26th November 2019 10.30am

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CHAINAGE	10391.281

. RAIL RESERVE BDY	+ CTRL UP H20V1 + CTRL UP H20V1 RL 13.104	
DATUM 1.0		66
STRING NAME		8 R B B B
DESIGN LEVEL 25	2.882	5,9324
DGWL 2AEP	- 98 8 8 P	- 1997
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OFFSET 665	0000	12.262-
	CHAINAGE 10391.281	



ARMADALE LINE UPGRADE ALLIANCE

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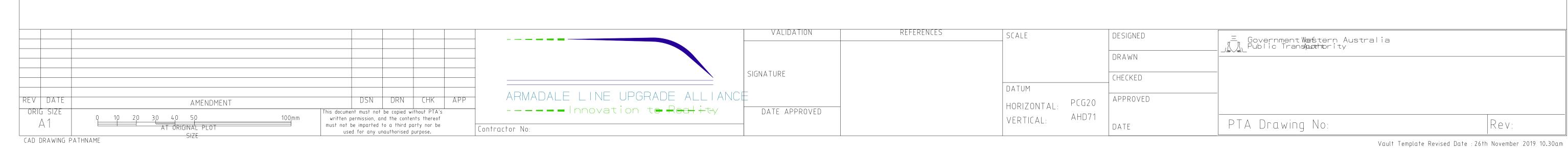
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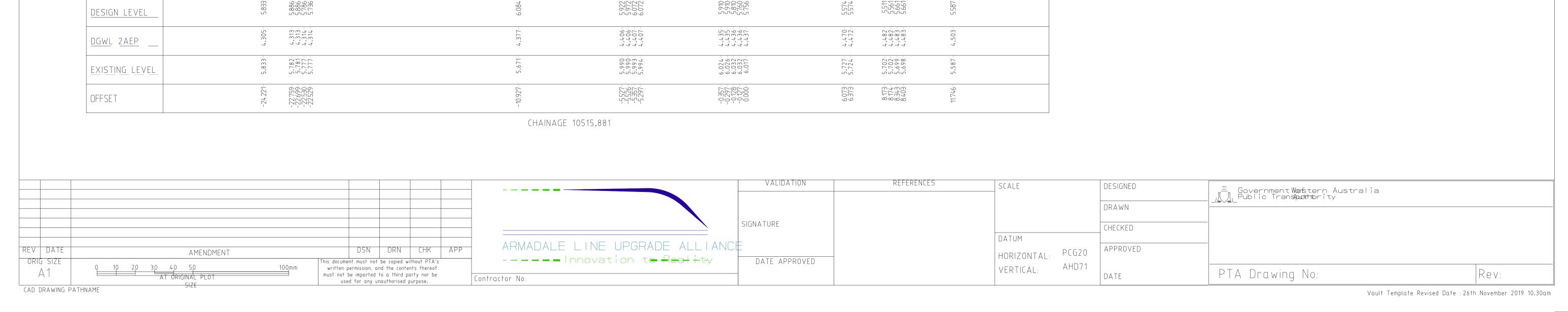
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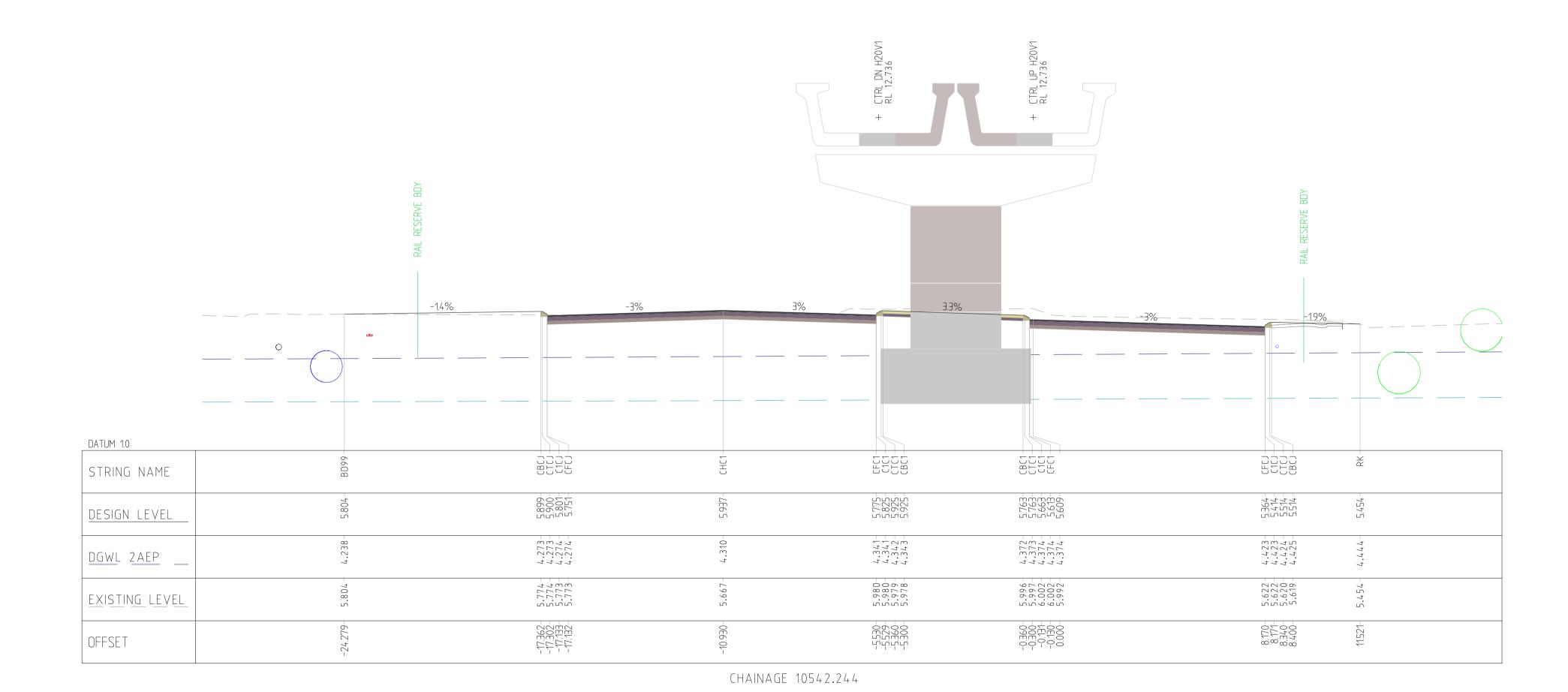
	- RAIL RESERVE BDY		+ CTRL DN H20V1	+ CTRL UP H20V1 RL 12.951	RAII RESERVE RITY	
	1 in -7.4	-3%	3.3%	-3%	-2.3%	
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DESIGN LEVEL	5.940 6.123 6.023 5.973	6.321	6.759 6.209 6.3099 6.3099	6.147 6.147 6.047 5.997 5.993	7.88.7.7. 1.886.7.7. 1.96.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.	5.823-
DGWL 2AEP	4.480 4.480 4.481 4.481 4.481	-9526-	4.595- 4.595- 4.596- 4.596- 4.596-	4.632 4.634 4.634 4.634 4.634	4.678 4.678 4.679 4.680	4.722
EXISTING LEVEL	5.940 5.840 5.836 5.825 5.825	5.637	6.021- 6.021- 6.023- 6.024-	6.057 6.059 6.065 6.065 6.065	5.759 -757.59 -757.57 -756	5.823
OFFSET	-24.107- -22.755- -22.526- -22.525-	-10.923	-5.5.23 -5.5.23 -5.23 -5.23 -5.23 -6	0.000 0.000 0.000 0.000	6.077 6.077 6.277 6.3077	12.250-



			+ CT	+		
	RAIL RESERVE BDY				- RAIL RESERVE BDY	
	7.7%	3%	3.3%	-3%	-2.2%	
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STRING NAME	BD99-	CHCI	CFC1- CTC1- CBC1- CBC1-	G10-01-01-01-01-01-01-01-01-01-01-01-01-0	C100 C100 C100 C100 C100 C100 C100 C100	
DESIGN LEVEL	5.93 7.72823 7.7233 7.6733 8.7733 8.7	6.021	5,859 6,009 6,009	5.847 - 7.747 - 5.697 - 5.693	5,448 5,498 5,598 5,598	
DGWL 2AEP	4.390- 4.398- 4.398- 4.399- 4.399-	-657.4	- 1.487 - 1.4887 - 1.488 - 1.488	4.520- 4.521- 4.521- 4.522-	4.581- 4.583- 4.583- 4.609-	
EXISTING LEVEL	5.931- 5.862- 5.849- 5.849- 5.849-	-979.5	6.010 6.010 6.010 6.010	6.049- 6.057- 6.057- 6.036-	5.542-5.542-5.532-5.532-5.532-5.532-	
OFFSET	-24.160 -22.757 -22.528 -22.527	-10.925-	-5.525- -5.524- -5.355- -5.295-	-0.2955 -0.1265 -0.1256	8.175- 8.176- 8.405- 12.014-	

CHAINAGE 10484.731





ARMADALE LINE UPGRADE ALLIANCE

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DSN DRN CHK APP

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PCG20

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VALIDATION

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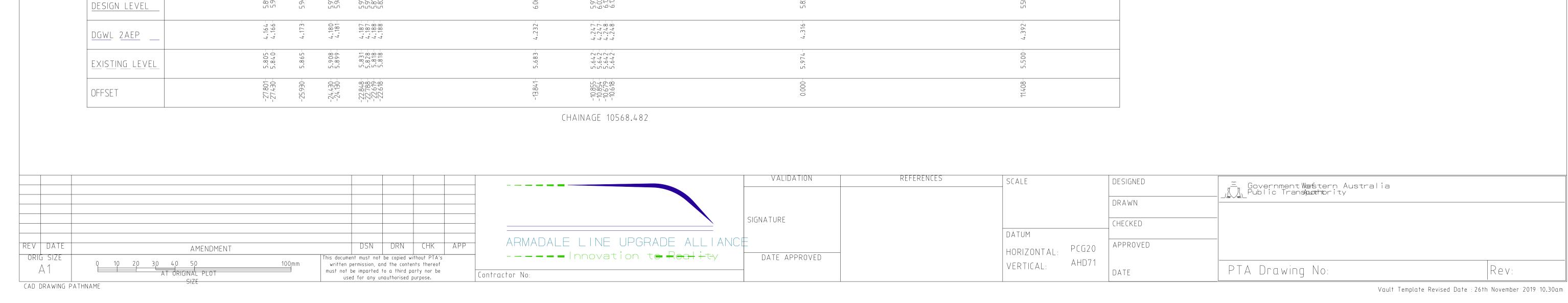
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PTA Drawing No:

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EXISTING LEVEL		'n.	5.5	72.	7.5			
OFFSET	-28.075- -27.254- -25.754- -23.953-	-16.976-	-10.951-	0000	11.120			
			CHAINAGE 10594.782					
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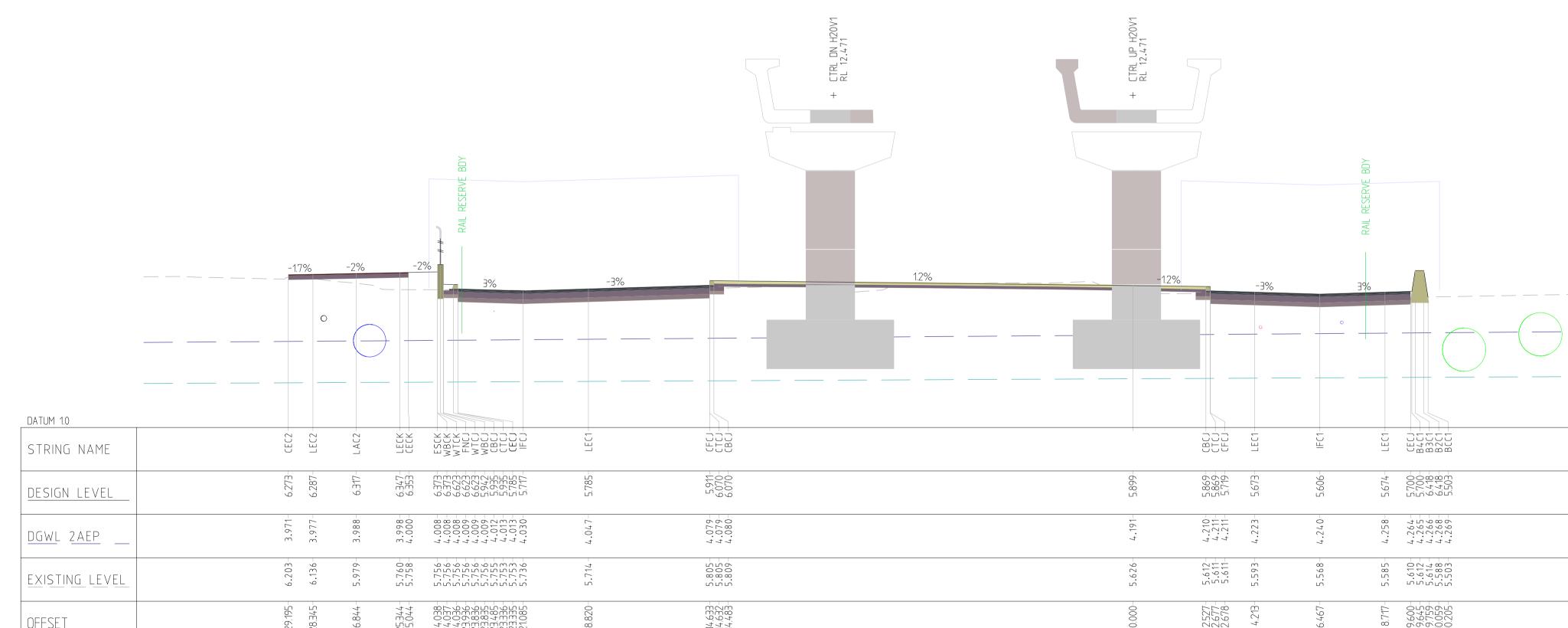
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STRING NAME	CEC2 LECK CECK CECK	IF28	IF28 IA28		± ∴
DESIGN LEVEL	6.023-6.082-6.118-6.049-	-5.180	5.180	5.588	5.492
DGWL 2AEP	4.104- 4.112- 4.121- 4.128-	4.162	4.196-	4.265	4.344
EXISTING LEVEL	5.975-5.993-5.852-5.845-5.824-	5.740-	5.898-	5.822	5.492
OFFSET	-28.075- -27.254- -24.253- -23.953-	-16.976-	-10.951-	0.000	11.120

Vault Template Revised Date : 26th November 2019 10.30am

CHAINAGE 10621.082				
	VALIDATION REFERENCES	SCALE DESIGNED	"≞" GovernmentWæfstern Australia	
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DESIGN LEVEL	6.148 6.223 6.223 6.223 6.223 6.223 6.223 6.223 7.911 7.761	5.827.29 5.837.99 5.837.99 5.837.99 5.837.99 5.837.99 6.837.	628 - 627 - 127 - 127 - 050 -	5.050 5.050 5.5539 6.5539 7.658 7.658 8.76	5.448 5.4441 5.450 5.455 5.306	
DGWL 2AEP	4.032 4.037 4.066 4.066 4.066 4.067 4.067 4.070 4.071 4.071	4.118 4.118 4.137 4.138 4.148 4.146 4.146 4.149 4.149	4.183 4.187 4.190 4.190 4.190	4.209- 4.212- 4.227- 4.240-	4.260- 4.261- 4.262- 4.270- 4.271- 4.271-	4.306-
EXISTING LEVEL	6.085 6.099 6.099 7.878 7.870 7.888 7.8870 7.8867 7.8867 7.8867 7.8867 8.870 8.700 8	5.813 5.813 5.813 5.913 5.957 5.956 5.956 5.957 5.956 5.957 5.956	5.9448	5.973-	5.541- 5.534- 5.529- 5.491- 5.484-	5.351
OFFSET	-28.570 -24.720 -24.720 -23.331 -23.329 -23.129 -23.129 -23.129 -23.129 -22.628 -22.628	-15.658 -15.657 -15.657 -12.826 -12.826 -12.097 -11.664 -11.664	-6.251- -5.750- -5.749- -5.248-	-2.5.776 -2.5.775 -2.0.75 -2.0.75 -1.783	4.568- 4.754- 4.871- 5.847- 6.033- 6.034-	10.795

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Vault Template Revised Date : 26th November 2019 10.30am

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DESIGN LEVEL	6.230-	6.267	6.304	5.60772 5.60772 5.60772 5.6073	5.673-	5.799 5.969 5.969		5.925	5.925-	5.520 5.883 8.833	5.883-	5.832	5.796-5.796-5.626-	5.580	5.512-	5.580	5.6607 6.5607 7.6603 8.003 8.003 8.003	
DGWL 2AEP	3.932-	3.950-	96	3.972 3.974 3.974 3.976 3.978 3.978	4.014	4.047 4.047 4.048		-760.4	4.105- 4.109- 4.109-	4.128- 4.128- 4.132-	4.140	4.170	4.191- 4.192- 4.192-	4.204	4.222-	4.240-	4.248- 4.248- 4.249- 4.251- 4.252-	
EXISTING LEVEL	6.155	-690.9	06.	00000000000000000000000000000000000000	5.852-	5.945-		-998.5	5.965-	5.969-	5.970-	5.802-	5.775-	5.758	5.735	5.726	5.721- 5.721- 5.723- 5.688- 5.588-	
OFFSET	-845-	-567	-25.994 -25.694 -24.759	-24,757 -24,657 -24,557 -24,556 -24,205 -24,056 -21,805	19.547	-15.196		-960.6-	-8.096- -7.595- -7.594-	-5.275- -5.274- -4.774-	-3.774-	-0000	2.589- 2.739- 2.740-	4.260-	6.511	.763	9,668 9,684 9,827 10,127 10,274	



ARMADALE LINE UPGRADE ALLIANCE

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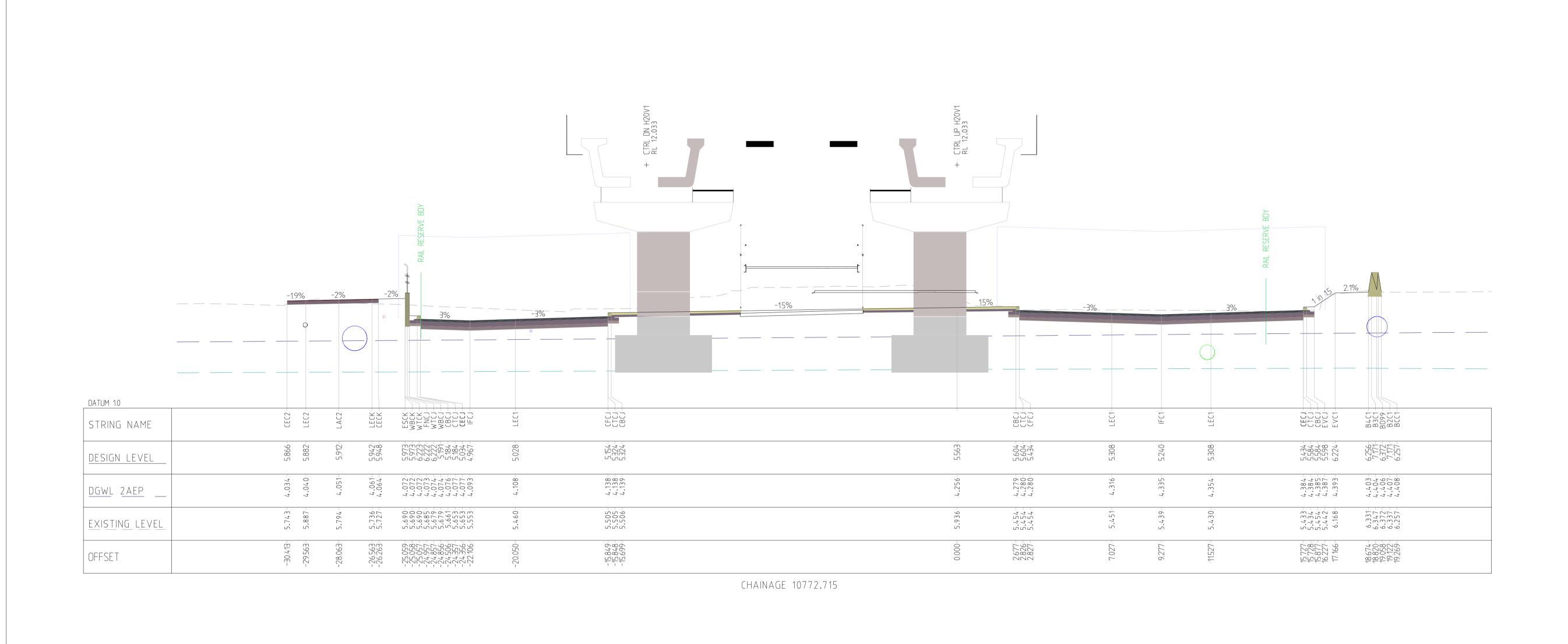
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OFFSET	-30.392-	-28.042- -26.542- -26.242-	-25.454 -25.453 -25.453 -25.352 -25.353 -24.752 -24.752 -24.752	-20.270-	-16.070 -16.069 -15.920	-9.623- -8.623- -8.123- -7.622-	-5-5-6-125- -5-6-27- -5-6-27- -7-6-23-	0.000	2.6886 2.8335 2.8335 2.8356	7.036	9.286	11.536	75.7736 75.7738 76.2939 16.438		
						CHAINAGE 10742.715									
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STRING NAME	LEC CECC CECC CECC CECC CECC CECC CECC	19 FEG. 19 FEG	EV3 WT73 WT73 WT33 WT33 WT83		- CBCJ	-09 08	BB2CC-74-
DESIGN LEVEL	9-5.982- 6-6.011- 6.093- 11-6.093- 1	2- 5.444- 5.613-			5.524 7-5.694 7-5.524 0-5.398	6- 5.330	2- 2- 2- 5.524- 6- 6- 6- 6- 6-870- 5.956
DGWL 2AEP	3.959- 3.966- 3.992- 3.992- 3.992- 4.001- 4.002- 4.005- 4.005- 4.006- 4.	4.042- 4.075- 4.077-		4.159-	4.227-4.227-4.227-4.260-	4.27	4.322 4.322 4.324 4.324 4.326
EXISTING LEVEL		5.761-5.901-5.902-5.902-		6.167-6.181-6.181-6.181-	5.299-5.297-5.297-5.254-	5.240	6.093 6.093 6.039 7.093 7.093
OFFSET	-30.392 -30.392 -29.542 -25.542 -25.452 -25.453 -25.453 -25.453 -25.453 -25.252 -25.253 -24.753 -24.753	-20.270- -16.070- -15.920-	-9.623 -8.623 -8.123 -7.621 -7.621 -6.125	-5.123 -4.123 0.000	2.835 2.835 2.836 7.036	9.286-	15.736- 15.989- 16.438-



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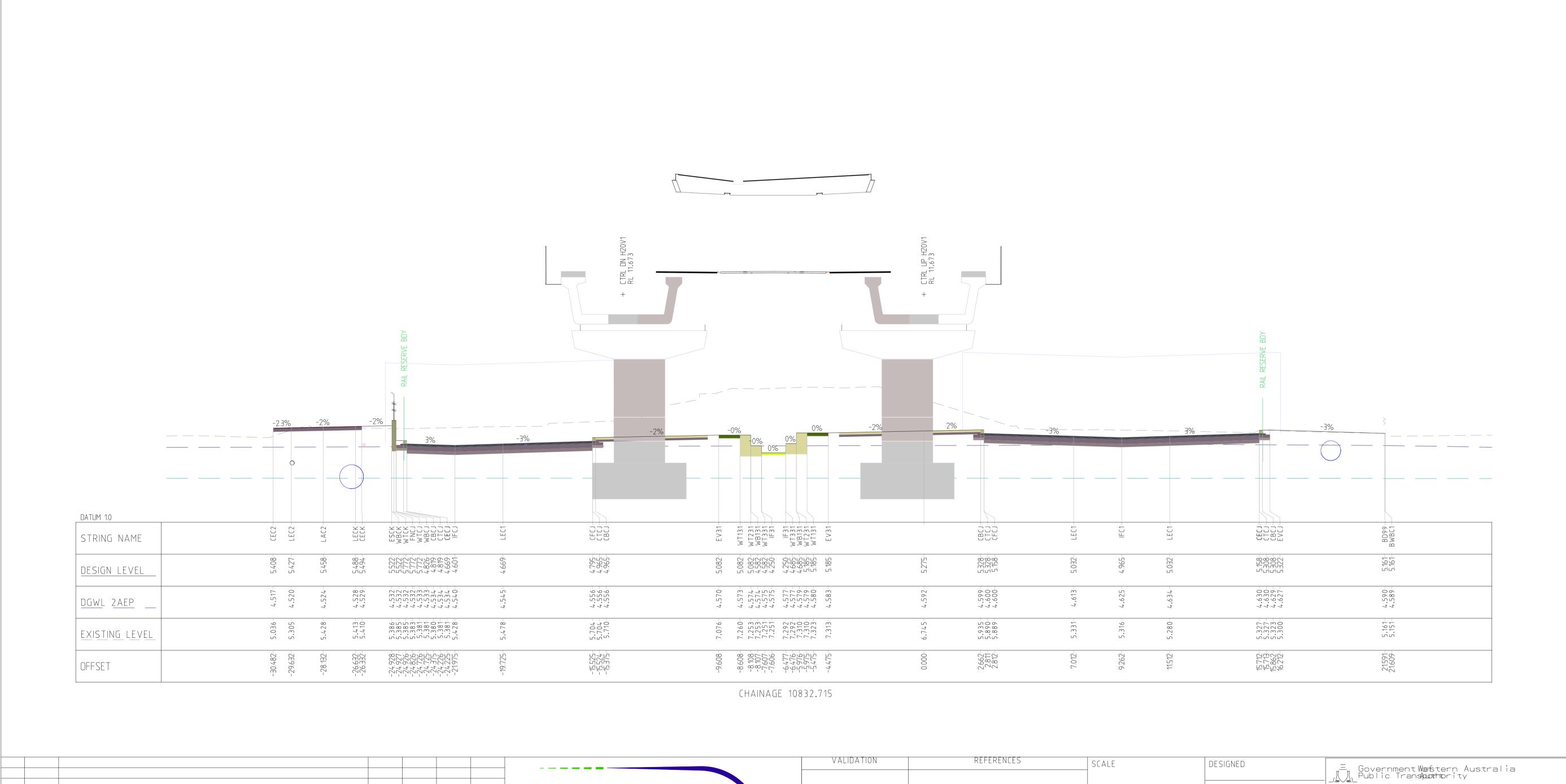
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DESIGN LEVEL	5.731 5.731 5.731 5.731 5.731 6.0074 6.0074 6.999 6.0074 6.999	4.849- 4.975- 5.145- 5.145-	5.263 4.7663 4.500 5.364 6.864 7.3684 7.3684 7.3684 7.3684 7.3684 7.3684 7.3684 7.3684	5,451- 5,503- 5,333-	5.207-	5.207	5.948 6.890 6.890 5.975 5.975
DGWL 2AEP	4.190- 4.193- 4.208- 4.208- 4.217- 4.218- 4.22218- 4.2221	4.244- 4.268- 4.268- 4.269-	4.302- 4.308- 4.311- 4.312- 4.315- 4.315- 4.315- 4.315- 4.318- 4.325-	4.348- 4.360- 4.361- 4.361-	4.398-	4.455	
EXISTING LEVEL	5.370 5.606 5.606 5.606 5.572 5.572 5.5566 7.5566 7.5572 7.5566 7.5572 7.5566 7.5572 7.5566	5.486-	6.854 6.915 6.900 6.900 6.929 6.929 6.940 6.940 6.940	6.198- 6.198- 5.578- 5.575- 5.575-	5.508	5.474-	5.941 6.085 6.085 6.066 5.975
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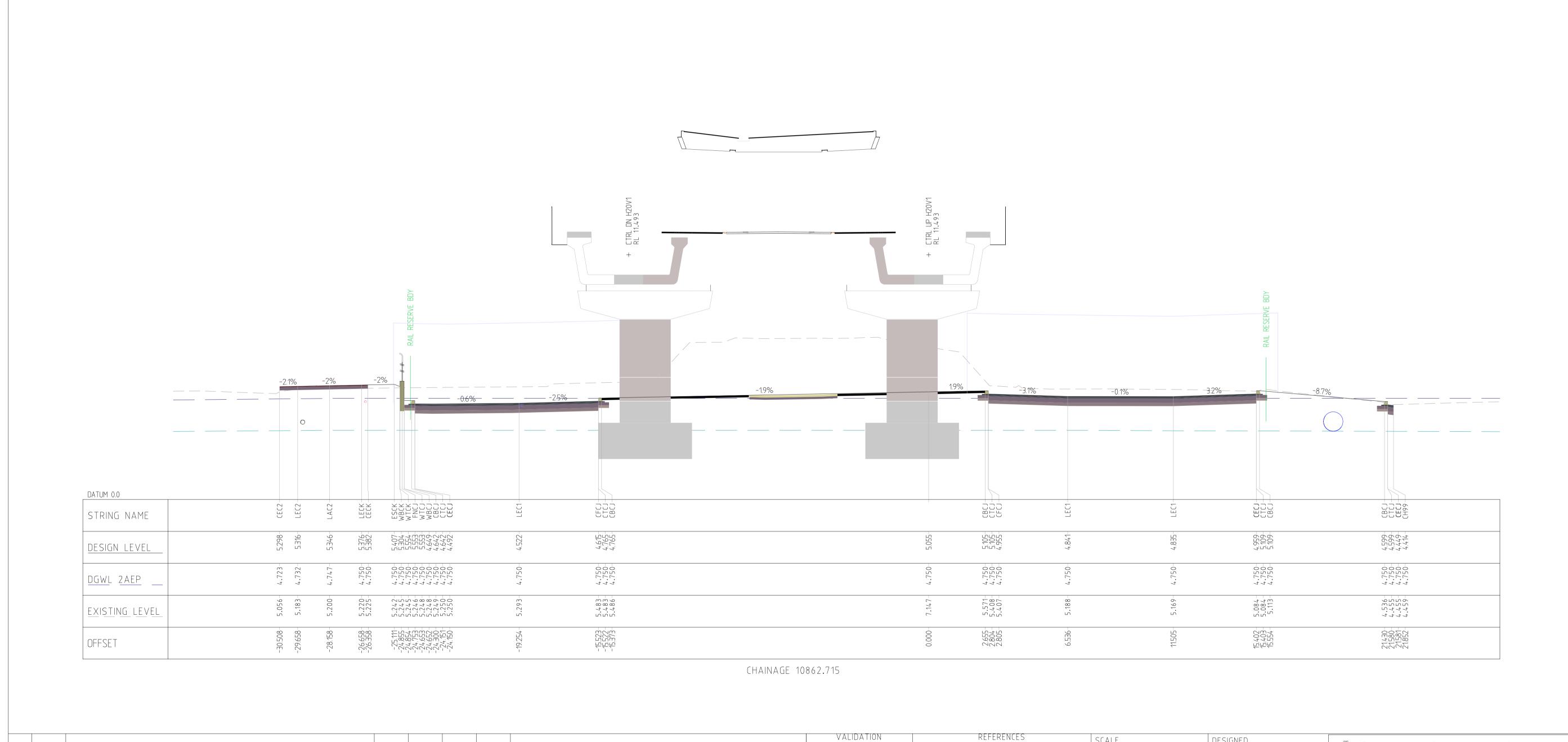
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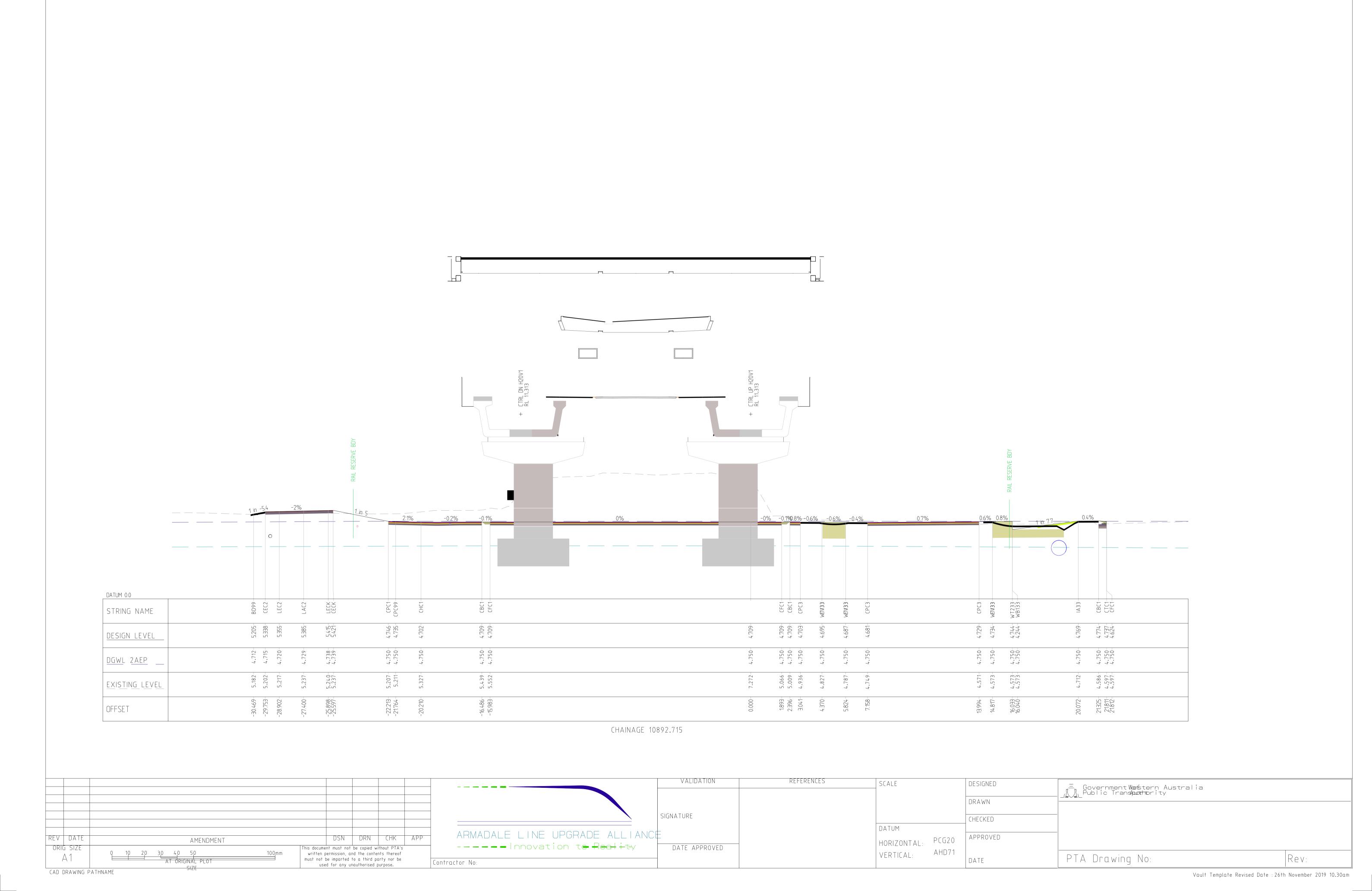
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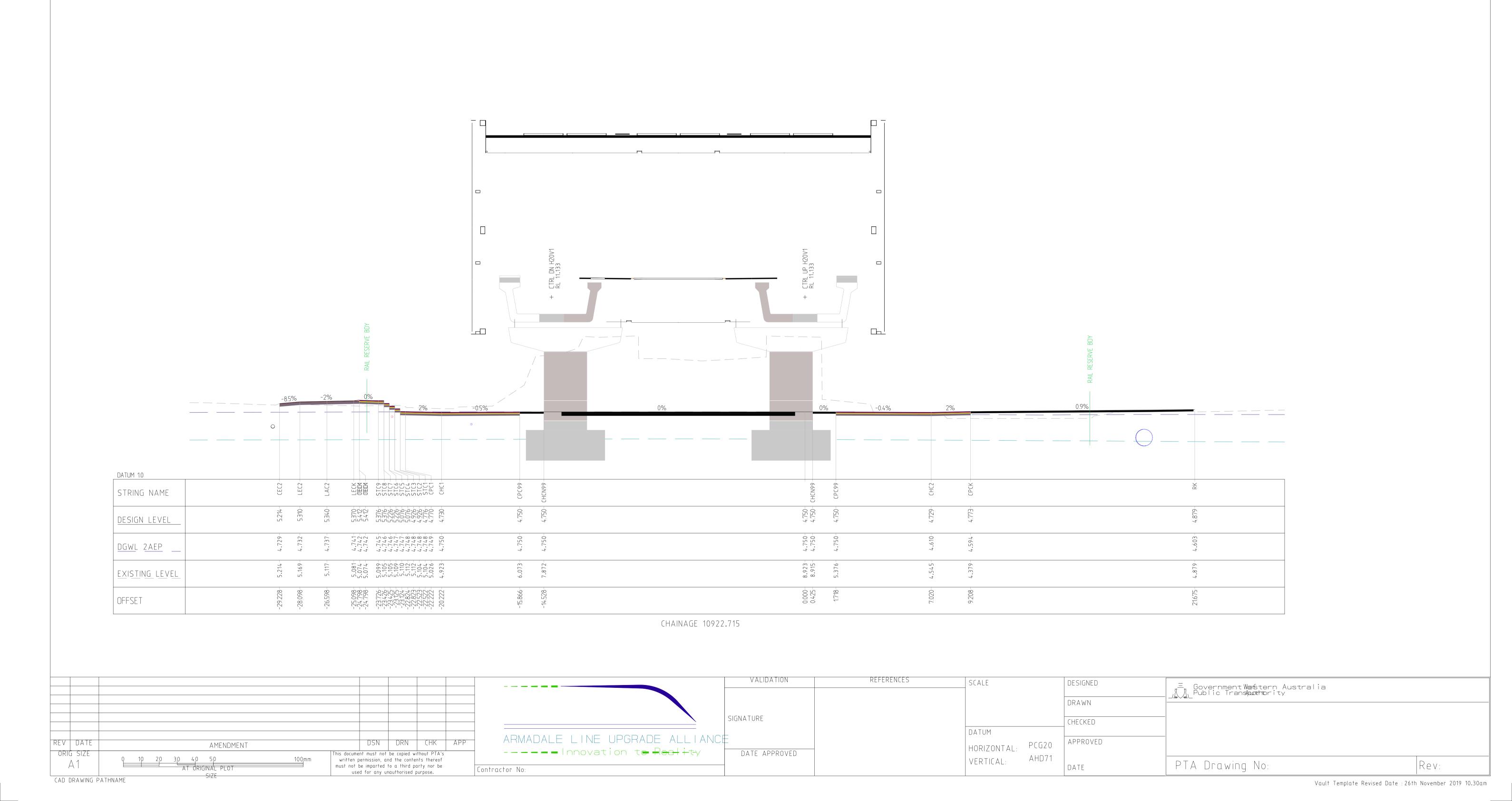
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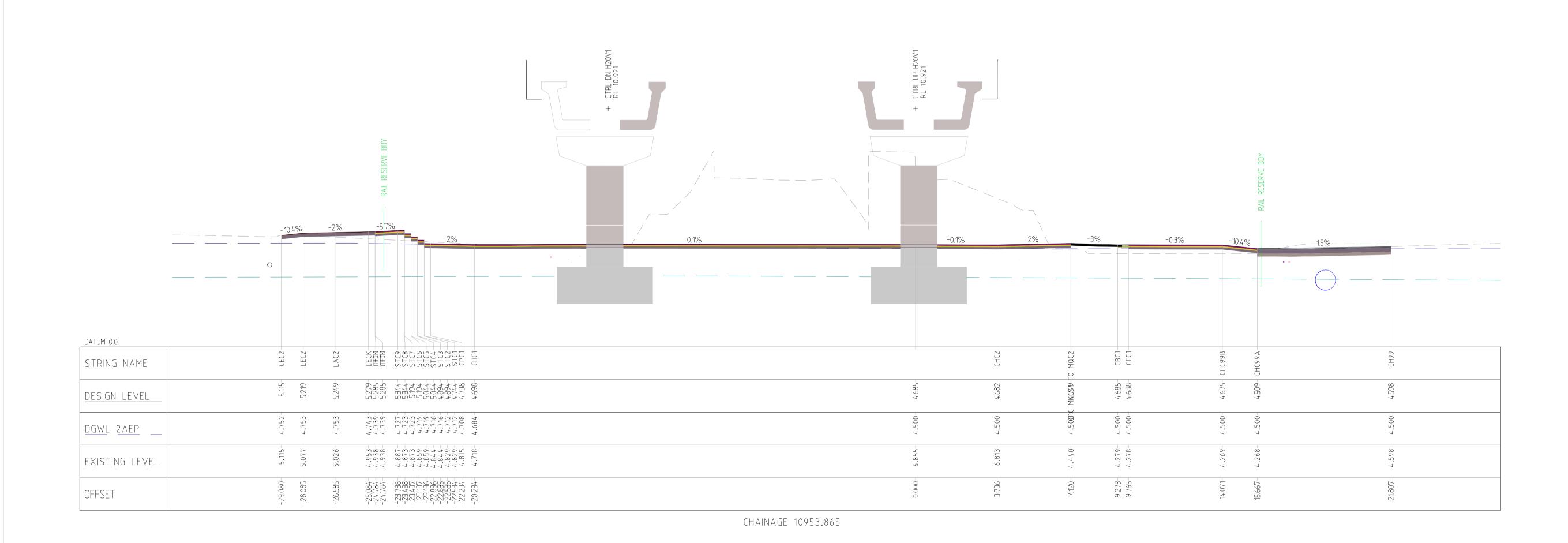
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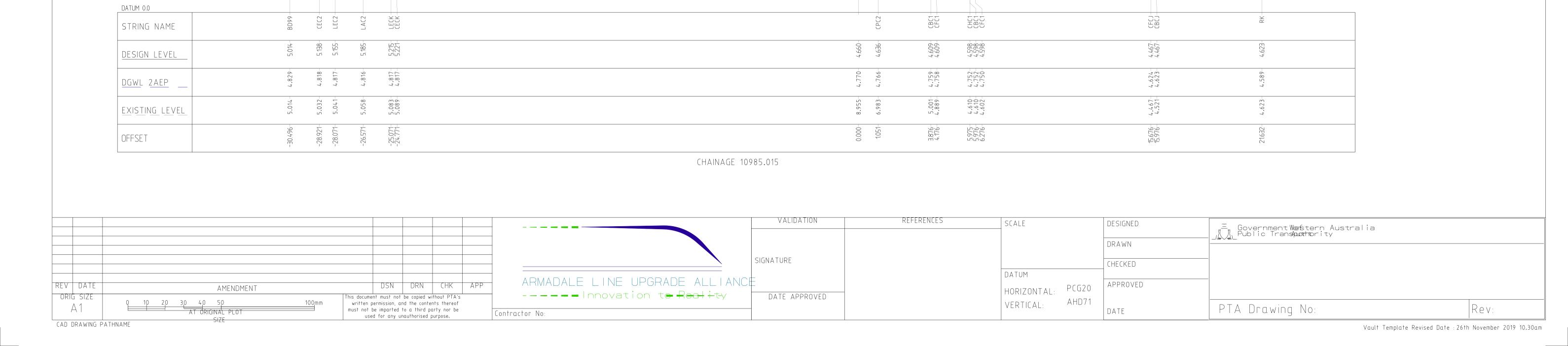
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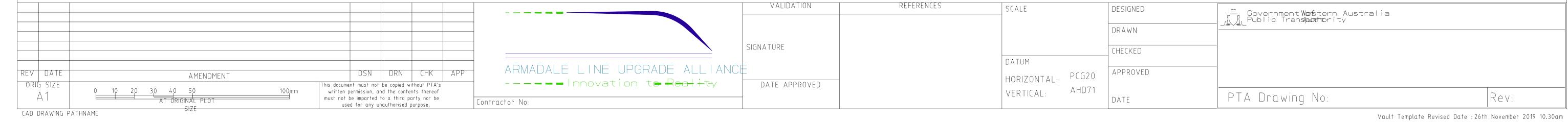
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0 DATUM 0.0 CFCJ-CBCJ-CEC2-LECK CBC1-(FC1-STRING NAME 5.117-5.123-DESIGN LEVEL DGWL 2AEP 4.752-4.575-4.966-EXISTING LEVEL 4.569-5.969-6.269-15.669-15.969-OFFSET CHAINAGE 11015.202