

HORIZONTAL DATA	D=293.95m										D=261.77m R=220.00 L=261.77										D=113.5m										D=156.42m R=190.00 L=156.42																																																	
VERTICAL DATA	P=1.97% R=2500.00 L=100.73										P=6.00% L=48.54										R=1600.00 L=176.00										P=-5.00% L=59.73										R=2000.00 L=120.00										P=1.00% L=52.72										R=4000.00 L=40.00										P=2.00% L=326.58									
CONTROL LEVELS	27.43	28.61	28.63	28.65	31.40	34.40	36.60	37.22	37.24	37.23	36.30	34.00	31.56	30.15	30.06	29.75	29.81	30.30	30.63	31.02	32.02	33.02	34.02																																																									
EXISTING GROUND	27.45	28.60	28.62	28.64	30.96	34.44	39.60	42.83	43.35	43.58	44.08	43.88	39.26	34.66	34.92	37.09	36.28	31.55	26.89	22.18	34.21	32.14	32.29																																																									
CHAINAGE	0.00	50.00	50.37	50.73	100.00	150.00	200.00	237.27	245.27	250.00	300.00	350.00	400.00	445.00	450.00	485.00	500.00	550.00	577.72	600.00	650.00	700.00	750.00																																																									
SUPERELEVATION	0.0										Camber-3.0%										LHS 0.30% RHS -3.00%										LHS 3.00% RHS -5.00%																																																	

HORIZONTAL SCALE 1:2500
VERTICAL SCALE 1:1250

[illegible]

DESIGNED	CHECKED
CMC	CMC
DRAWN	APPROVED
ER	SGB



CLIFNT

NZ TRANSPORT
AGENCY
WAKA KOTAHU

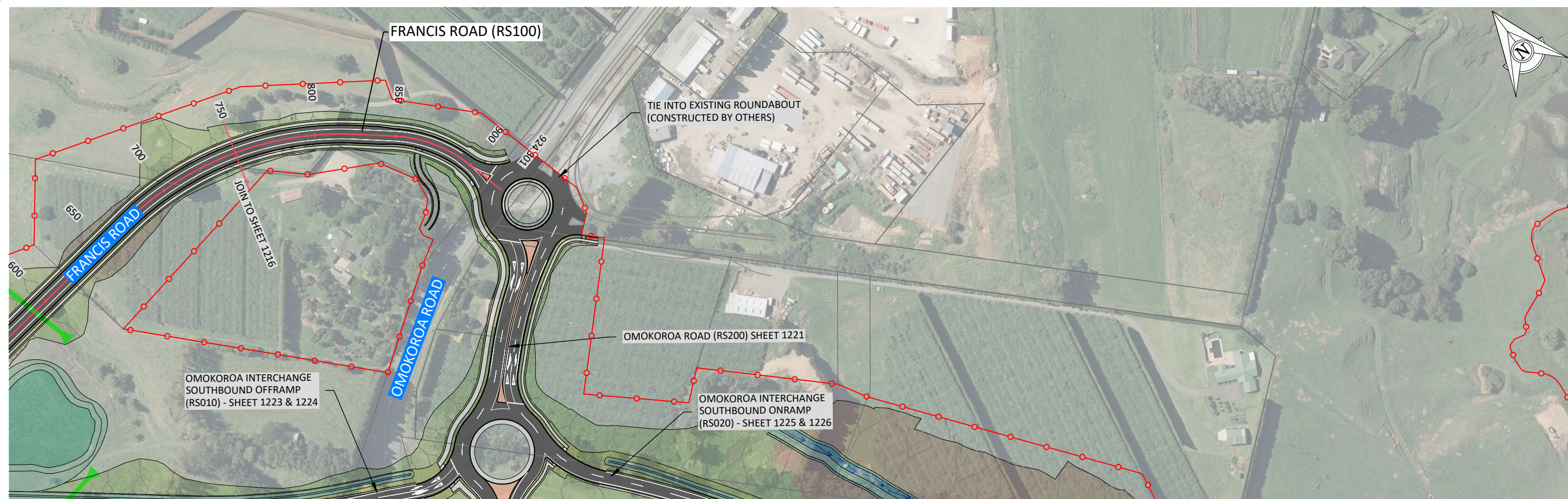
PROJECT

TAKITIMU NORTH LINK STAGE 2

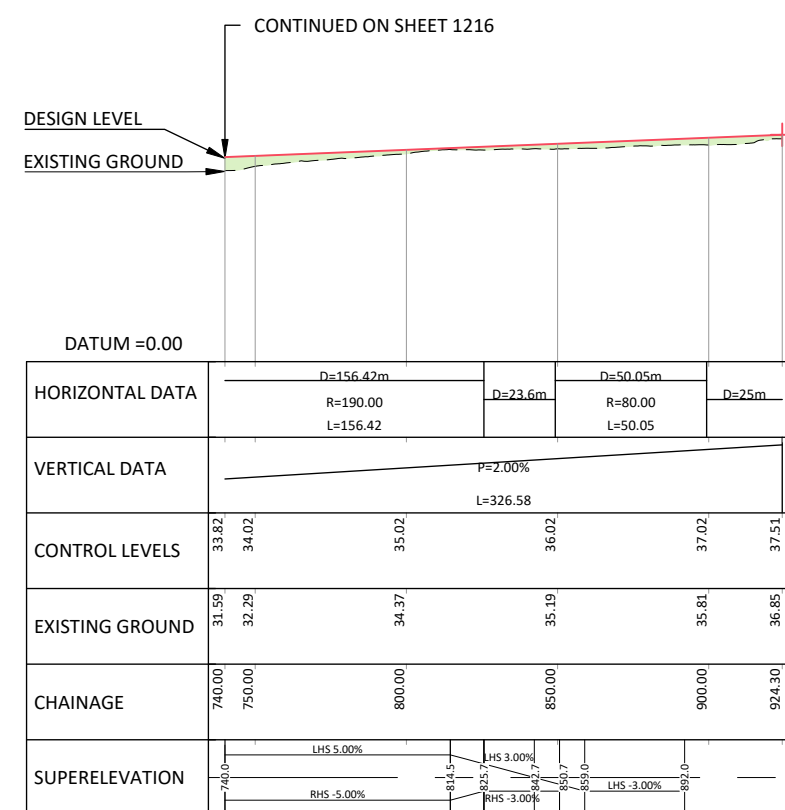
DRAWING

GENERAL ARRANGEMENT
PLAN & LONGSECTION
FRANCIS ROAD (RS100)
SHEET 1

STATUS		PRELIMINARY	
DATE 02.08.2121		SCALE (ORIGINAL SIZE A3) AS SHOWN	
DRAWING NUMBER 144702-00-1216		REVISION P	

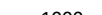


1:2500 (A3)



HORIZONTAL SCALE 1:2500
VERTICAL SCALE 1:1250

KEY: GENERAL ARRANGEMENT

- | | |
|---|------------------------------------|
|  | LEGAL BOUNDARIES |
|  | DESIGN PROFILE |
|  | DESIGN CHAINAGE |
|  | PROPOSED DESIGNATION
BOUNDARY |
|  | DESIGN CUT BATTER |
|  | PROPOSED CARRIAGEWAY
& MARKINGS |
|  | DESIGN FILL BATTER |
|  | ACCESSWAYS |
|  | PEDESTRIAN PATH |
|  | SERVICES BERM |
|  | BRIDGES & BOX CULVERTS |
|  | CULVERTS |
|  | OPEN DRAIN/SWALE |
|  | STORMWATER DEVICE |

P	30.07.2025 DATE	FTAA APPLICATION	ISSUE/REVISION DETAIL	ER BY	CMC CHK
					SGB APPR

DESIGNED	CHECKED
CMC	CMC
DRAWN	APPROVED
ER	SGB



PROJECT

TAKITIMU NORTH LINK STAGE 2

DRAWING

GENERAL ARRANGEMENT
PLAN & LONGSECTION
FRANCIS ROAD (RS100)
SHEET 2

STATUS

PRELIMINARY

DATE 28.07.2021

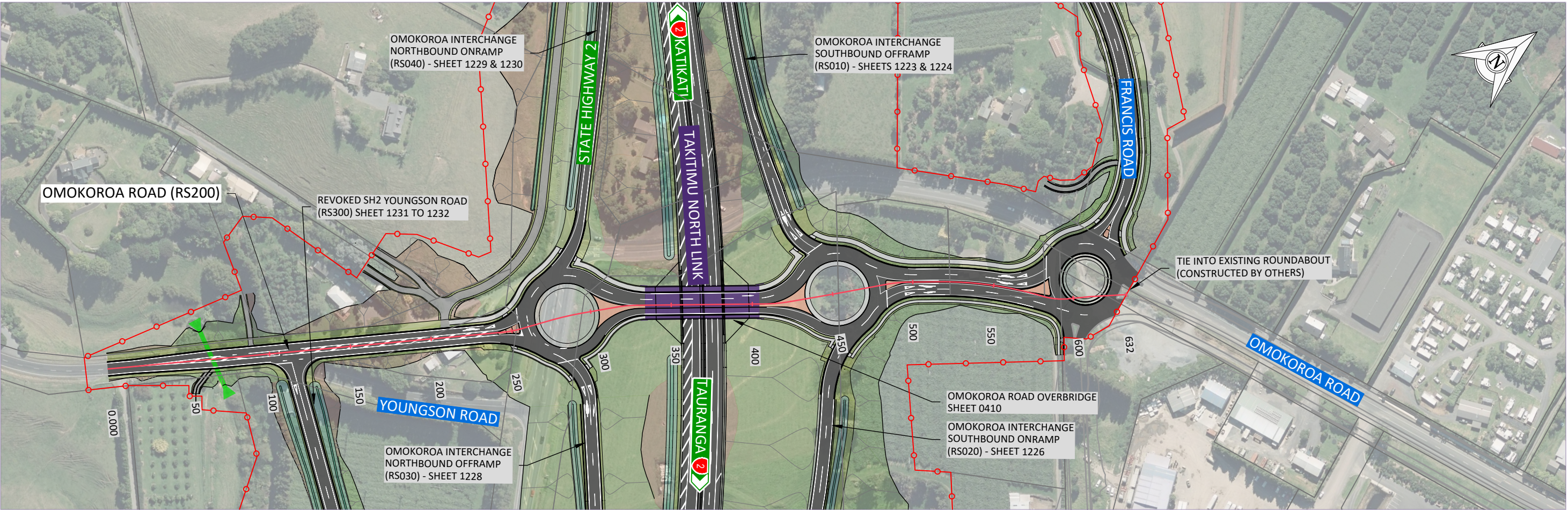
SCALE (ORIGINAL SIZE A3)
AS SHOWN

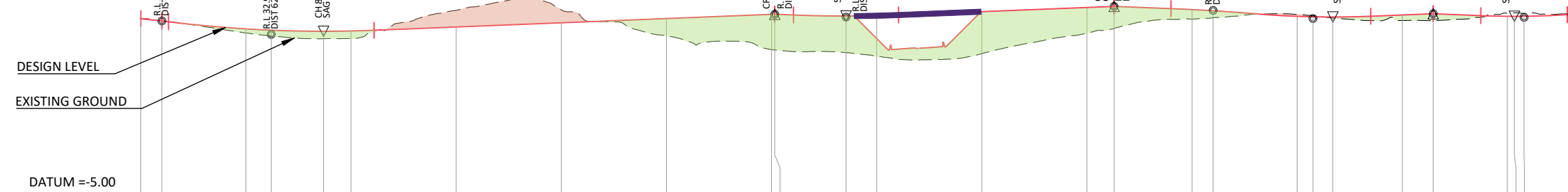
2018-12-01	
DRAWING NUMBER	144702-00-1217

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100mm
SCALE FOR VALIDATING SIZE OF A3 PLOT ONLY
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Version 4.0 - March 2020



	
DATUM = -5.00	
HORIZONTAL DATA	D=244.35m D=11.05m D=21.03m D=20.41m D=12.89m D=78.4m D=16.11m D=23.64m D=24.38m D=15.53m D=65.4m D=15.42m D=13.58m D=26.49m D=22.16m D=48.96m
VERTICAL DATA	P=5.20% R=1200.00 L=97.77 P=2.00% R=1250.00 L=50.00 P=2.00% R=900.00 L=54.96 P=2.00% R=800.00 L=41.21 P=3.15%
CONTROL LEVELS	36.70 36.18 34.29 33.98 33.72 33.79 34.74 35.74 36.74 37.74 37.77 37.34 37.43 38.38 39.38 39.64 38.87 38.59 37.28 37.17 37.12 37.60 37.89 37.29 37.28 37.29
EXISTING GROUND	36.70 36.18 33.34 32.62 31.96 31.98 38.69 38.84 32.68 29.38 29.28 28.65 27.80 28.42 33.30 34.41 36.63 36.91 37.74 37.42 36.87 36.28 36.25 38.00 38.10 38.00
CUT/FILL	0.00 0.00 -0.95 -1.36 -1.76 -1.80 3.96 3.10 4.06 -8.36 -8.49 -8.69 -9.63 -9.96 -6.08 -5.23 -2.25 -1.68 0.46 0.25 -0.25 -1.31 -1.64 0.72 0.62 0.71
CHAINAGE	0.00 10.00 50.00 62.06 86.94 100.00 150.00 200.00 250.00 300.00 301.54 335.44 350.00 400.00 450.00 462.94 500.00 510.02 550.00 557.51 567.00 600.00 614.72 650.00 653.34 657.94
SUPERELEVATION	0.0 Camber -3.0% 97.4 LHS -3.00% 232.8

KEY: GENERAL ARRANGEMENT

LEGAL BOUNDARIES

DESIGN PROFILE

1000 DESIGN CHAINAGE

PROPOSED DESIGNATION BOUNDARY

DESIGN CUT BATTER

PROPOSED CARRIAGEWAY & MARKINGS

DESIGN FILL BATTER

ACCESSWAYS

PEDESTRIAN PATH

SERVICES BERM

BRIDGES & BOX CULVERTS

CULVERTS

OPEN DRAIN/SWALE

STORMWATER DEVICE

DESIGNED

CMC

DRAWN

ER

DATE

30.07.2025

FTAA APPLICATION

ISSUE/REVISION DETAIL

BY

CMC

CHK

SGB

APPR

DESIGNED

CMC

DRAWN

ER

DATE

30.07.2025

FTAA APPLICATION

ISSUE/REVISION DETAIL

BY

CMC

CHK

SGB

APPR

CLIENT

bboo

NZ TRANSPORT AGENCY

WAKA KOTAHAI

PROJECT

TAKITIMU NORTH LINK
STAGE 2

DRAWING

GENERAL ARRANGEMENT
PLAN & LONGSECTION
OMOKOROA ROAD (RS200)
SHEET 1

STATUS

PRELIMINARY

DATE

16.12.2021

SCALE (ORIGINAL SIZE A3)

AS SHOWN

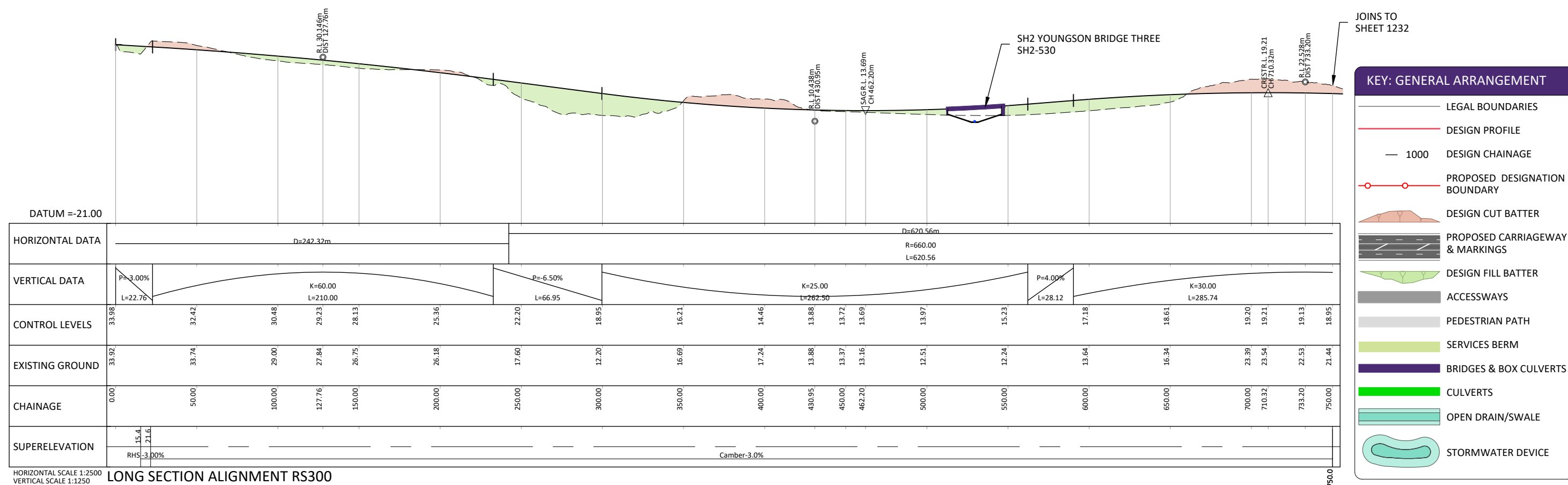
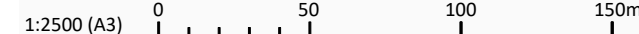
DRAWING NUMBER

144702-00-1221

REVISION

P

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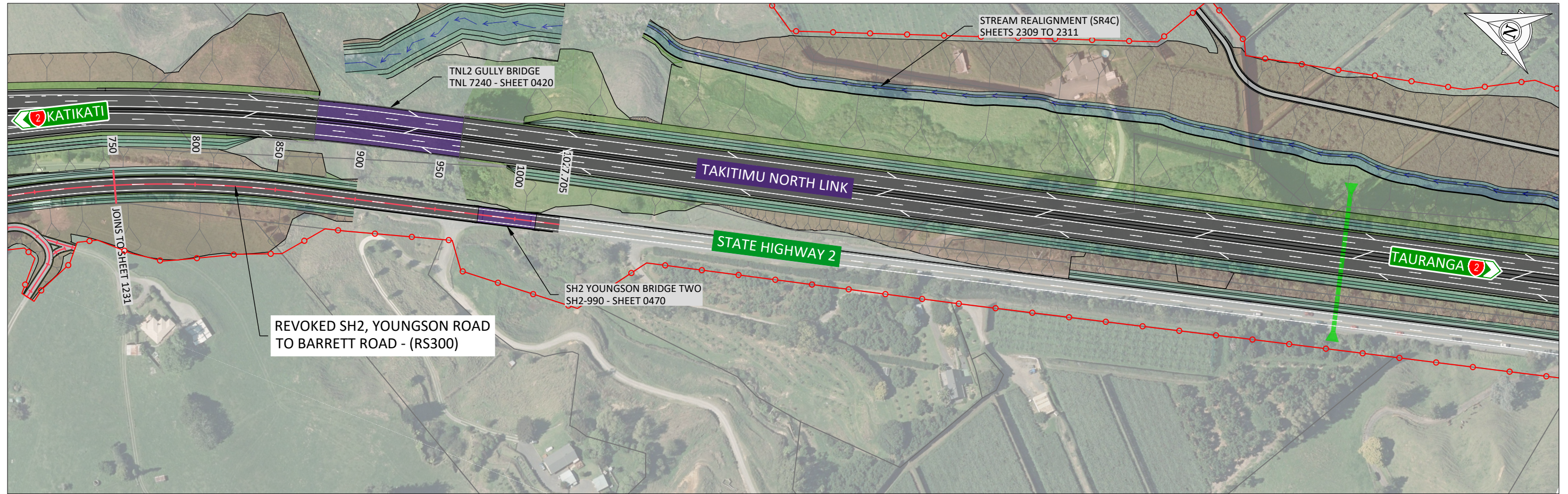


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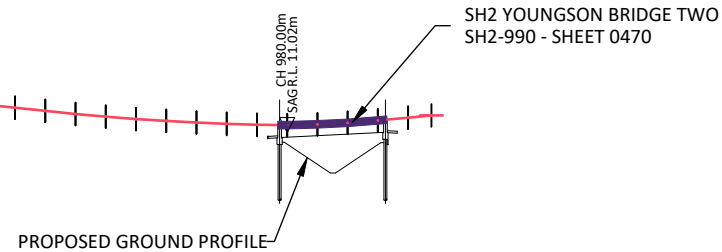
SCALE FOR VALIDATING SIZE OF A3 PLOT ONLY

0



1:2500 (A3) 0 50 100 150m

JOINS TO
SHEET 1231



DATUM = -21.00

HORIZONTAL DATA	D=620.56m R=660.00 L=620.56				D=164.82m															
					DESIGN PROFILE ADOPTS EXISTING GROUND															
VERTICAL DATA	K=30.00 L=285.74																			
CONTROL LEVELS	19.07	18.95	17.87	15.96	14.42	13.90	13.38	12.86	12.42	12.02	11.72	11.45	11.23	11.08	11.02	11.15	11.40	11.79	12.25	12.62
EXISTING GROUND	22.28	21.44	18.25	16.00	14.42	13.90	13.38	12.86	12.42	12.02	11.72	11.45	11.23	11.08	11.02	11.15	11.40	11.79	12.25	12.62
CHAINAGE	740.00	750.00	800.00	850.00	880.00	890.00	900.00	910.00	920.00	930.00	940.00	950.00	960.00	970.00	980.00	990.00	1000.00	1010.00	1020.00	1027.71
SUPERELEVATION	Camber -3.0%																			

HORIZONTAL SCALE 1:2500
VERTICAL SCALE 1:1250
LONG SECTION ALIGNMENT RS300

KEY: GENERAL ARRANGEMENT

- LEGAL BOUNDARIES
- DESIGN PROFILE
- 1000 DESIGN CHAINAGE
- PROPOSED DESIGNATION BOUNDARY
- DESIGN CUT BATTER
- PROPOSED CARRIAGEWAY & MARKINGS
- DESIGN FILL BATTER
- ACCESSWAYS
- PEDESTRIAN PATH
- SERVICES BERM
- BRIDGES & BOX CULVERTS
- CULVERTS
- OPEN DRAIN/SWALE
- STORMWATER DEVICE

C:\26\5\26\10\7120_A\44702 - Takitimu North Link Stage 2_590903 Drawings\100144702-00-1232.dwg 31/7/2020 4:04 pm erichardson Plotted: 31 Jul 2020 4:04 pm

Q	30.07.2025	FTAA APPLICATION	ER	CMC	SGB
	DATE	ISSUE/REVISION DETAIL	BY	CHK	APPR

DESIGNED	CHECKED
CMC	CMC
DRAWN	APPROVED
ER	SGB



PROJECT
TAKITIMU NORTH LINK
STAGE 2

DRAWING
GENERAL ARRANGEMENT
PLAN & LONG SECTION
REVOKED SH2, YOUNGSON ROAD
(RS300) - SHEET 2

STATUS		PRELIMINARY	
DATE	17.12.2020	SCALE (ORIGINAL SIZE A3)	AS SHOWN
DRAWING NUMBER	144702-00-1232	REVISION	Q

Version 4.0 - March 2020

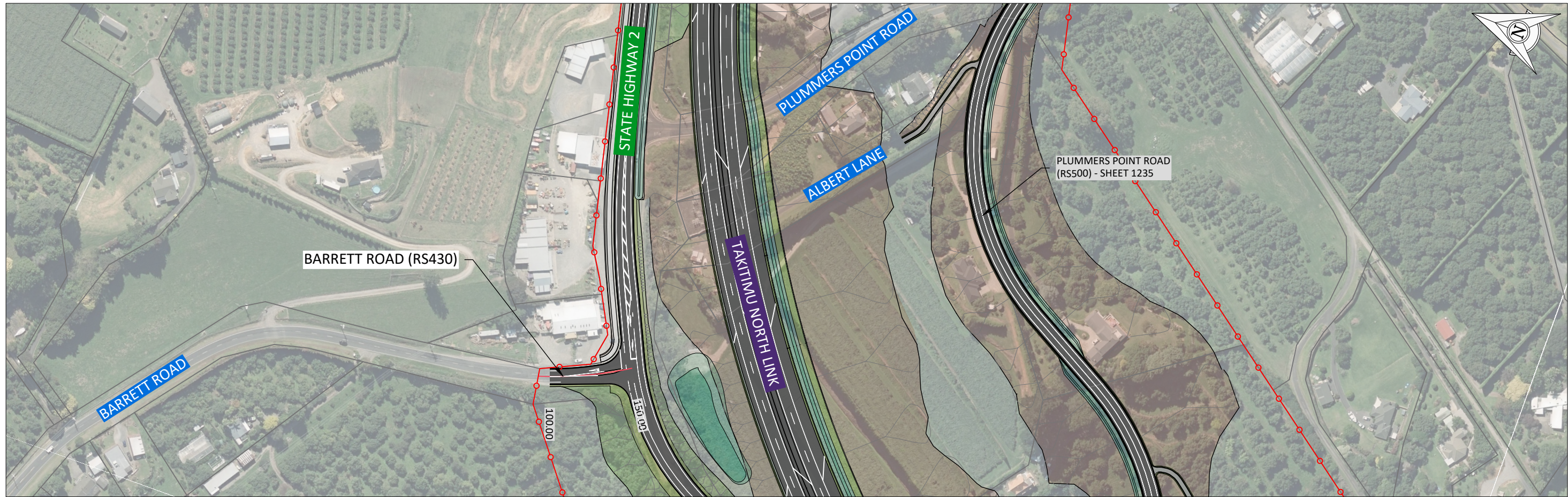
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100mm

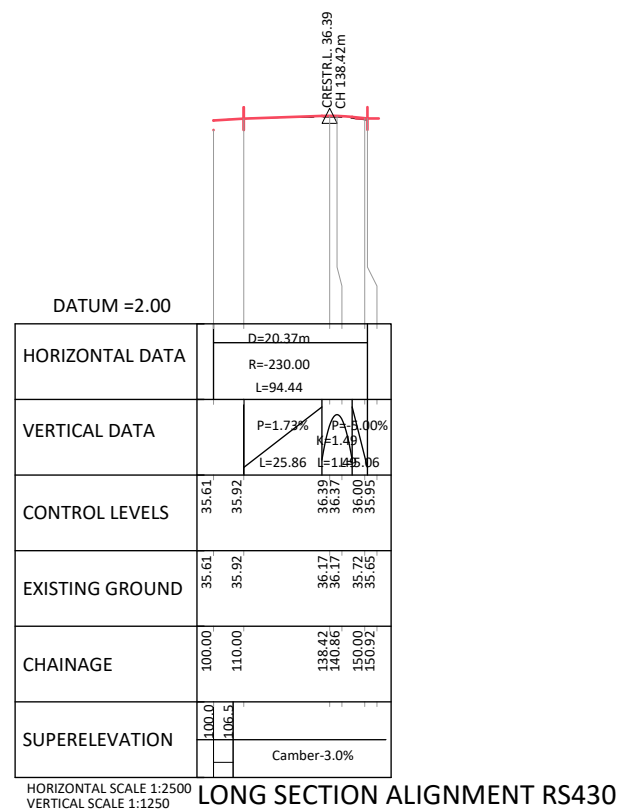
SCALE FOR VALIDATING SIZE OF A3 PLOT ONLY

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C:\126\stake\10.71.120\A\144702 - Takitimu North Link Stage 2_599003 Drawings\100\144702-00-1233.dwg 28/7/2025 1:29 pm erichardson Plotted: 28 Jul 2025 1:29 pm



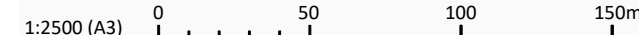
1:2500 (A3) 0 50 100 150m



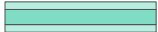
KEY: GENERAL ARRANGEMENT

- LEGAL BOUNDARIES
- DESIGN PROFILE
- 1000 DESIGN CHAINAGE
- PROPOSED DESIGNATION BOUNDARY
- DESIGN CUT BATTER
- PROPOSED CARRIAGEWAY & MARKINGS
- DESIGN FILL BATTER
- ACCESSWAYS
- PEDESTRIAN PATH
- SERVICES BERM
- BRIDGES & BOX CULVERTS
- CULVERTS
- OPEN DRAIN/SWALE
- STORMWATER DEVICE

				DESIGNED CMC	CHECKED CMC			CLIENT TAKITIMU NORTH LINK STAGE 2	DRAWING GENERAL ARRANGEMENT PLAN & LONG SECTION BARRETT ROAD (RS430)	STATUS PRELIMINARY		
				DRAWN ER	APPROVED SGB					DATE 17.12.2020	SCALE (ORIGINAL SIZE A3) AS SHOWN	
										DRAWING NUMBER 144702-00-1233	REVISION O	
O	30.07.2025	FTAA APPLICATION		ER	CMC	SGB						
	DATE	ISSUE/REVISION DETAIL		BY	CHK	APPR						



KEY: GENERAL ARRANGEMENT

	LEGAL BOUNDARIES
	DESIGN PROFILE
	DESIGN CHAINAGE
	PROPOSED DESIGNATION BOUNDARY
	DESIGN CUT BATTER
	PROPOSED CARRIAGEWAY & MARKINGS
	DESIGN FILL BATTER
	ACCESSWAYS
	PEDESTRIAN PATH
	SERVICES BERM
	BRIDGES & BOX CULVERTS
	CULVERTS
	OPEN DRAIN/SWALE
	STORMWATER DEVICE

O	30.07.2025 DATE	FTAA APPLICATION	ISSUE / REVISION DETAIL	ER BY	CMC CHK	SGB APPR	

DESIGNED	CHECKED
CMC	CMC
DRAWN	APPROVED
ER	SGB



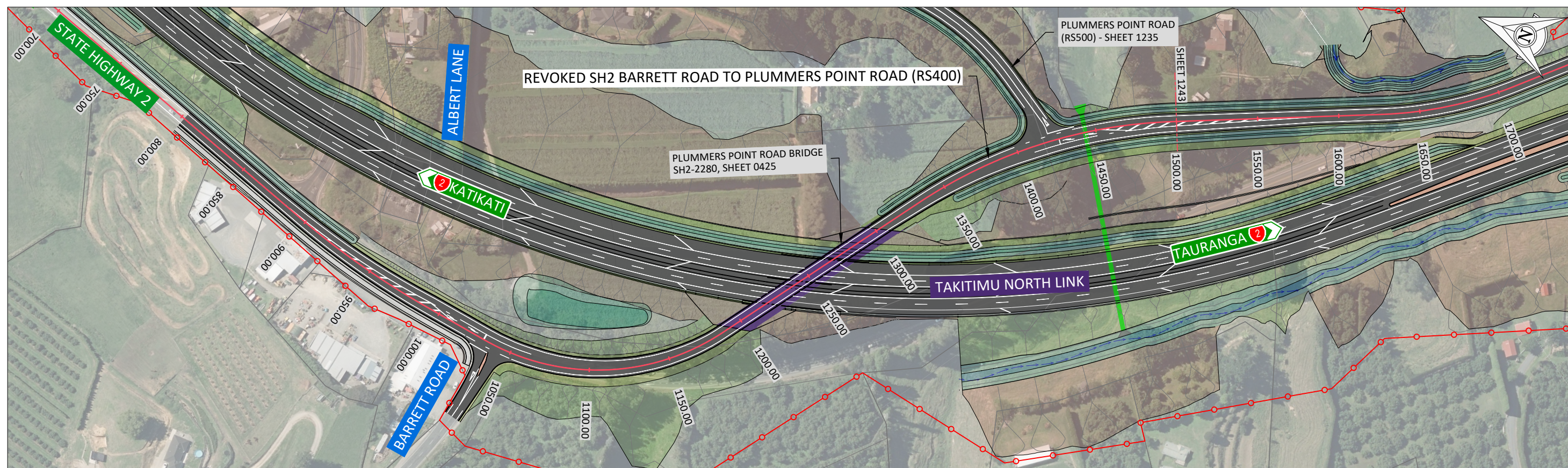
PROJECT
TAKITIMU NORTH LINK
STAGE 2

DRAWING

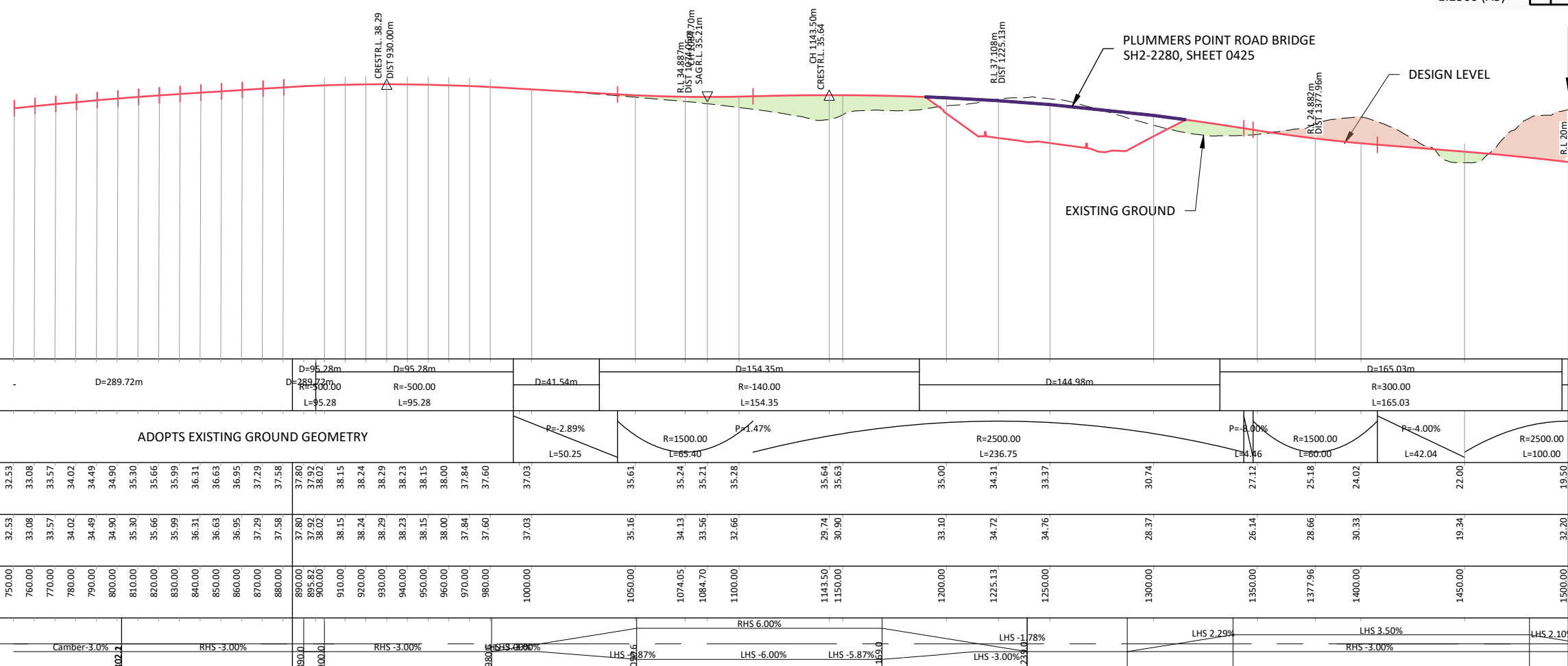
GENERAL ARRANGEMENT
PLAN & LONG SECTION
PLUMMERS POINT ROAD (RS500)

STATUS		PRELIMINARY	
DATE	17.12.2020	SCALE (ORIGINAL SIZE A3)	AS SHOWN
DRAWING NUMBER	144702-00-1235	REVISION	0

\\263\data\10.7.120.14\144702 - Takitimu North Link Stage 2_5090\03 Drawings\00\144702-00-1242.dwg 28/7/2025 1:37 pm erichardson Plotted: 28 Jul 2025 1:37 pm



1:2500 (A3) 0 50 100 150m



DATUM =-28.00

HORIZONTAL DATA	D=289.72m												D=95.28m R=300.00 L=55.28		D=95.28m R=-500.00 L=95.28		D=41.54m		D=154.35m R=-140.00 L=154.35						D=144.98m				D=165.03m R=300.00 L=165.03																																																																											
VERTICAL DATA	ADOPTS EXISTING GROUND GEOMETRY																		P=2.89% L=50.25		R=1500.00 L=65.40		P=1.47%		R=2500.00 L=236.75						P=3.00% L=44.46		R=1500.00 L=60.00		P=4.00% L=42.04		R=2500.00 L=100.00																																																																			
CONTROL LEVELS	32.53	33.08	33.57	34.02	34.49	34.90	35.30	35.66	35.99	36.31	36.63	36.95	37.29	37.58	37.80	37.92	38.02	38.15	38.24	38.29	38.23	38.15	38.00	37.84	37.60	37.03	35.61	35.24	35.21	35.28	35.64	35.63	35.00	34.31	33.37	30.74	27.12	25.18	24.02	22.00	19.50																																																															
EXISTING GROUND	32.53	33.08	33.57	34.02	34.49	34.90	35.30	35.66	35.99	36.31	36.63	36.95	37.29	37.58	37.80	37.92	38.02	38.15	38.24	38.29	38.23	38.15	38.00	37.84	37.60	37.03	35.16	34.13	33.56	32.66	29.74	30.90	33.10	34.72	34.76	28.37	26.14	28.66	30.33	19.34	32.20																																																															
CHAINAGE	750.00	760.00	770.00	780.00	790.00	800.00	810.00	820.00	830.00	840.00	850.00	860.00	870.00	880.00	890.00	895.82	900.00	910.00	920.00	930.00	940.00	950.00	960.00	970.00	980.00	1000.00	1050.00	1074.05	1084.70	1100.00	1143.50	1150.00	1200.00	1225.13	1250.00	1300.00	1350.00	1377.96	1400.00	1450.00	1500.00																																																															
SUPERELEVATION	Camber -3.0%														RHS -3.00%										RHS -3.00%										LHS -6.00%										RHS 6.00%										LHS -1.78%										LHS 2.29%										LHS 3.50%										RHS -3.00%										LHS 2.10%									

HORIZONTAL SCALE 1:2500
VERTICAL SCALE 1:1250

LONG SECTION ALIGNMENT RS400

[illegible]

DESIGNED	CHECKED
CMC	CMC
DRAWN	APPROVED
ER	SGB



PROJECT

TAKITIMU NORTH LINK STAGE 2

DRAWING

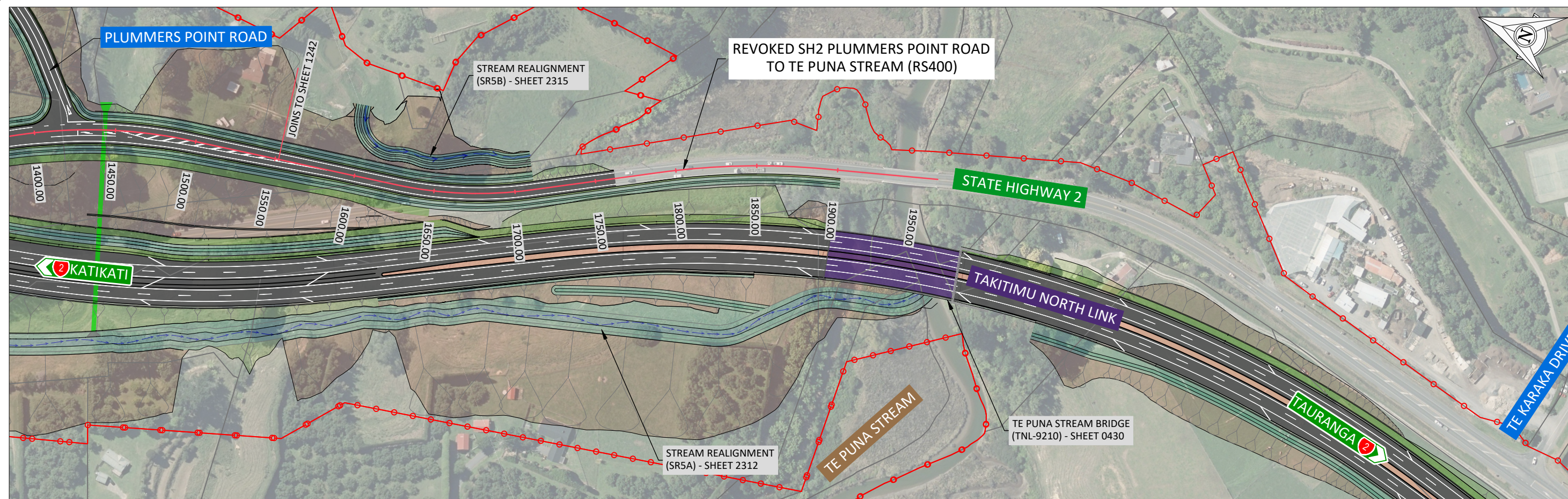
GENERAL ARRANGEMENT
PLAN & LONG SECTION
REVOKED SH2 BARRETT ROAD TO
PLUMMERS POINT ROAD (RS400)

STATUS		PRELIMINARY	
DATE	01.06.2023	SCALE (ORIGINAL SIZE A3)	AS SHOWN
DRAWING NUMBER	144702-00-1242	REVISION	H

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SCALE FOR VALIDATING SIZE OF A 3 PILOT ONLY



REVOKED SH2 PLUMMERS POINT ROAD
TO TE PUNA STREAM (RS400)

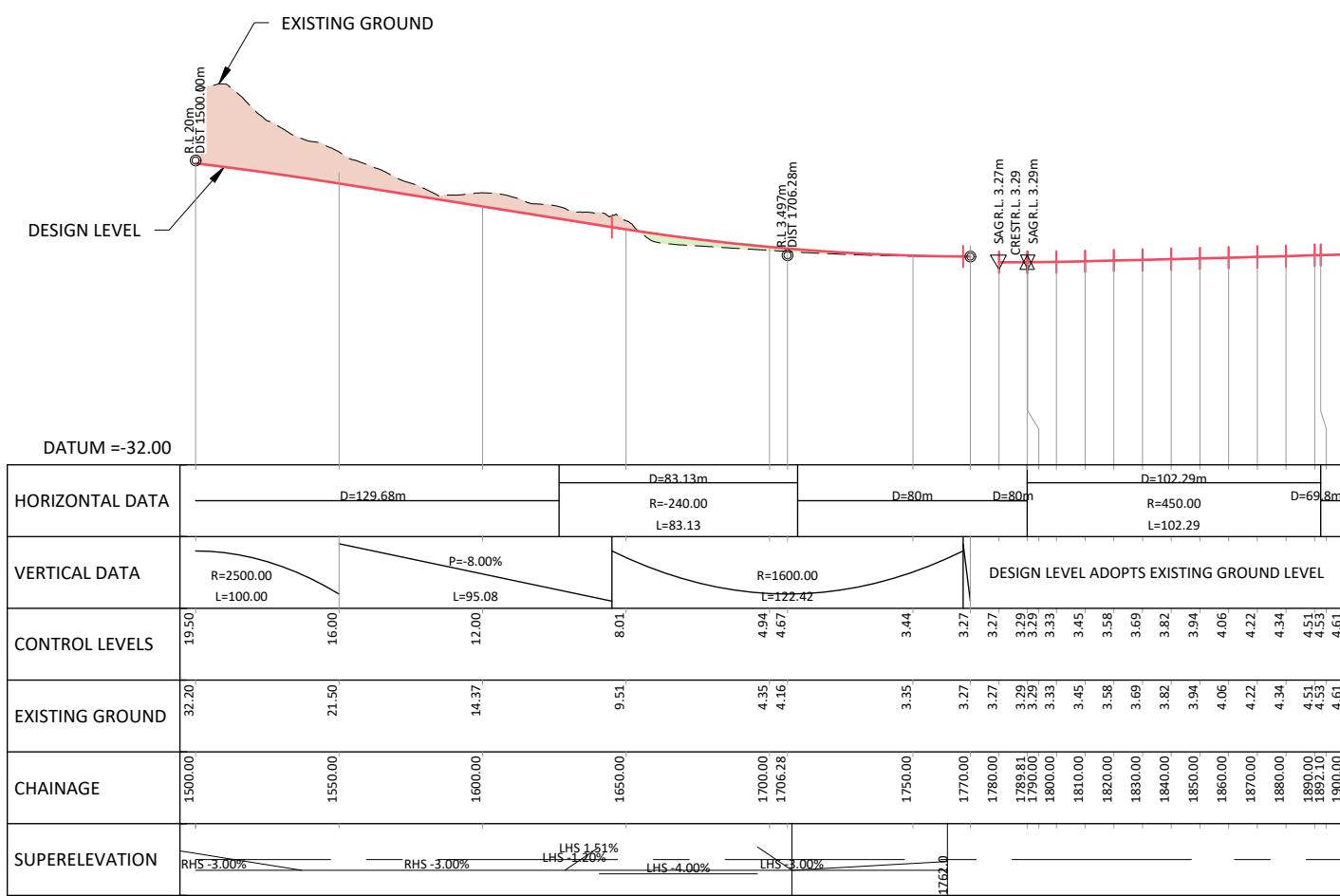
STREAM REALIGNMENT
(SR5B) - SHEET 2315

STATE HIGHWAY 2

STREAM REALIGNMENT
(SR5A) - SHEET 2312

TE PUNA STREAM BRIDGE
(TNL-9210) - SHEET 0430

1:2500 (A3)



DESIGN LEVEL

DATUM =-32.00

HORIZONTAL DATA	D=129.68m				D=83.13m R=240.00 L=83.13		D=80m		D=80m		D=102.29m R=450.00 L=102.29				D=69.8m								
VERTICAL DATA	R=2500.00 L=100.00		P=-8.00% L=95.08		R=1600.00 L=122.42		DESIGN LEVEL ADOPTS EXISTING GROUND LEVEL																
CONTROL LEVELS	19.50	16.00	12.00	8.01	4.94 4.67	3.44	3.27	3.27	3.29	3.29	3.33	3.35	3.48	3.58	3.69	3.82	3.94	4.06	4.22	4.34	4.51	4.53	4.61
EXISTING GROUND	32.20	21.50	14.37	9.51	4.35 4.16	3.35	3.27	3.27	3.29	3.29	3.33	3.45	3.58	3.69	3.82	3.94	4.06	4.22	4.34	4.51	4.53	4.61	
CHAINAGE	1500.00	1550.00	1600.00	1650.00	1700.00 1706.28	1750.00	1770.00	1780.00	1789.81	1790.00	1800.00	1810.00	1820.00	1830.00	1840.00	1850.00	1860.00	1870.00	1880.00	1890.00 1892.10	1900.00		
SUPERELEVATION	Superelevation diagram showing cross-slopes for RWS, LHS, and RHS across different chainage ranges. The diagram includes labels for RWS -3.00%, LHS -4.00%, LHS -2.00%, and LHS 1.51%.																						

VERTICAL DATA	R=2500.00 L=100.00 P=-8.00% L=95.08 R=1600.00 L=122.42 DESIGN LEVEL ADOPTS EXISTING GROUND LEVEL
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CONTROL LEVELS	19.5	16.0	12.0	8.0	4.9	3.4	3.2	3.2	3.2	3.2	3.3	3.4	3.5	3.6	3.8	3.9	4.0	4.2	4.3	4.5	4.6
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EXISTING GROUND	32.20	21.50	4.37	9.51	4.35	4.16	3.35	3.27	3.27	3.29	3.29	3.33	3.45	3.58	3.69	3.82	3.94	4.06	4.22	4.34	4.51	4.53	4.61
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[illegible]

CHAINAGE	1500		1550		1600		1650		1700		1750		1800		1850		1900		1950		2000		2050		2100		2150		2200		2250		2300		2350		2400		2450		2500		2550		2600		2650		2700		2750		2800		2850		2900		2950		3000		3050		3100		3150		3200		3250		3300		3350		3400		3450		3500		3550		3600		3650		3700		3750		3800		3850		3900		3950		4000		4050		4100		4150		4200		4250		4300		4350		4400		4450		4500		4550		4600		4650		4700		4750		4800		4850		4900		4950		5000		5050		5100		5150		5200		5250		5300		5350		5400		5450		5500		5550		5600		5650		5700		5750		5800		5850		5900		5950		6000		6050		6100		6150		6200		6250		6300		6350		6400		6450		6500		6550		6600		6650		6700		6750		6800		6850		6900		6950		7000		7050		7100		7150		7200		7250		7300		7350		7400		7450		7500		7550		7600		7650		7700		7750		7800		7850		7900		7950		8000		8050		8100		8150		8200		8250		8300		8350		8400		8450		8500		8550		8600		8650		8700		8750		8800		8850		8900		8950		9000		9050		9100		9150		9200		9250		9300		9350		9400		9450		9500		9550		9600		9650		9700		9750		9800		9850		9900		9950		10000		10050		10100		10150		10200		10250		10300		10350		10400		10450		10500		10550		10600		10650		10700		10750		10800		10850		10900		10950		11000		11050		11100		11150		11200		11250		11300		11350		11400		11450		11500		11550		11600		11650		11700		11750		11800		11850		11900		11950		12000		12050		12100		12150		12200		12250		12300		12350		12400		12450		12500		12550		12600		12650		12700		12750		12800		12850		12900		12950		13000		13050		13100		13150		13200		13250		13300		13350		13400		13450		13500		13550		13600		13650		13700		13750		13800		13850		13900		13950		14000		14050		14100		14150		14200		14250		14300		14350		14400		14450		14500		14550		14600		14650		14700		14750		14800		14850		14900		14950		15000		15050		15100		15150		15200		15250		15300		15350		15400		15450		15500		15550		15600		15650		15700		15750		15800		15850		15900		15950		16000		16050		16100		16150		16200		16250		16300		16350		16400		16450		16500		16550		16600		16650		16700		16750		16800		16850		16900		16950		17000		17050		17100		17150		17200		17250		17300		17350		17400		17450		17500		17550		17600		17650		17700		17750		17800		17850		17900		17950		18000		18050		18100		18150		18200		18250		18300		18350		18400		18450		18500		18550		18600		18650		18700		18750		18800		18850		18900		18950		19000		19050		19100		19150		19200		19250		19300		19350		19400		19450		19500		19550		19600		19650		19700		19750		19800		19850		19900		19950		20000		20050		20100		20150		20200		20250		20300		20350		20400		20450		20500		20550		20600		20650		20700		20750		20800		20850		20900		20950		21000		21050		21100		21150		21200		21250		21300		21350		21400		21450		21500		21550		21600		21650		21700		21750		21800		21850		21900		21950		22000		22050		22100		22150		22200		22250		22300		22350		22400		22450		22500		22550		22600		22650		22700		22750		22800		22850		22900		22950		23000		23050		23100		23150		23200		23250		23300		23350		23400		23450		23500		23550		23600		23650		23700		23750		23800		23850		23900		23950		24000		24050		24100		24150		24200		24250		24300		24350		24400		24450		24500		24550		24600		24650		24700		24750		24800		24850		24900		24950		25000		25050		25100		25150		25200		25250		25300		25350		25400		25450		25500		25550		25600		25650		25700		25750		25800		25850		25900		25950		26000		26050		26100		26150		26200		26250		26300		26350		26400		26450		26500		26550		26600		26650		26700		26750		26800		26850		26900		26950		27000		27050		27100		27150		27200		27250		27300		27350		27400		27450		27500		27550		27600		27650		27700		27750		27800		27850		27900		27950		28000		28050		28100		28150		28200		28250		28300		28350		28400		28450		28500		28550		28600		28650		28700		28750		28800		28850		28900		28950		29000		29050		29100		29150		29200		29250		29300		29350		29400		29450		29500		29550		29600		29650		29700		29750		29800		29850		29900		29950		30000		30050		30100		30150		30200		30250		30300		30350		30400		30450		30500		30550		30600		30650		30700		30750		30800		30850		30900		30950		31000		31050		31100		31150		31200		31250		31300		31350		31400		31450		31500		31550		31600		31650		31700		31750		31800		31850		31900		31950		32000		32050		32100		32150		32200		32250		32300		32350		32400		32450		32500		32550		32600		32650		32700		32750		32800		32850		32900		32950		33000		33050		33100		33150		33200		33250		33300		33350		33400		33450		33500		33550		33600		33650		33700		33750		33800		33850		33900		33950		34000		34050		34100		34150		34200		34250		34300		34350		34400		34450		34500		34550		34600		34650		34700		34750		34800		34850		34900		34950		35000		35050		35100		35150		35200		35250		35300		35350		35400		35450		35500		35550		35600		35650		35700		35750		35800		35850		35900		35950		36000		36050		36100		36150		36200		36250		36300		36350		36400		36450		36500		36550		36600		36650		36700		36750		36800		36850		36900		36950		37000		37050		37100		37150		37200		37250		37300		37350		37400		37450		37500		37550		37600		37650		37700		37750		37800		37850		37900		37950		38000		38050		38100		38150		38200		38250		38300		38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HORIZONTAL SCALE 1:2500
VERTICAL SCALE 1:1250

VERTICAL SCALE 1:1250

00 LONG SECTION ALIGNMENT RS400

KEY: GENERAL ARRANGEMENT

	LEGAL BOUNDARIES
	DESIGN PROFILE
	DESIGN CHAINAGE
	PROPOSED DESIGNATION BOUNDARY
	DESIGN CUT BATTER
	PROPOSED CARRIAGEWAY & MARKINGS
	DESIGN FILL BATTER
	ACCESSWAYS
	PEDESTRIAN PATH
	SERVICES BERM
	BRIDGES & BOX CULVERTS
	CULVERTS
	OPEN DRAIN/SWALE
	STORMWATER DEVICE

[illegible]

DESIGNED	CHECKED
IVS	CMC
DRAWN	APPROVED
ER	SGB
B	
PR	



CLIENT

PROJEC

TAKITIMU NORTH LINK STAGE 2

DRAWING

GENERAL ARRANGEMENT
PLAN & LONG SECTION
REVOKED SH2 PLUMMERS POINT ROAD
TO TE PUNA STREAM (RS400)

STATUS

PRELIMINARY

DATE 31.03.2023

31.03.2023

SCALE (ORIGINAL SIZE A3)
AS SHOWN

DRAWING NUMBER

144702-00-1243

REVISION

H

C:\2d\data\10.7.120.14\144702 - Takitimu North Link Stage 2_5090\03 Drawings\00\144702-00-1243.dwg 28/7/2025 1:37 pm erichardson Plotted: 28 Jul 2025 1:37 pm

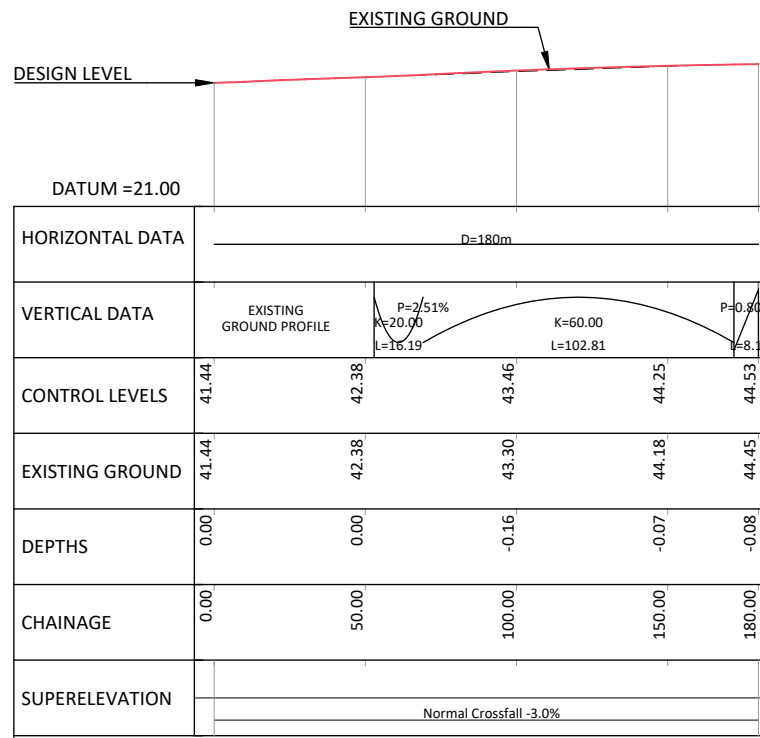
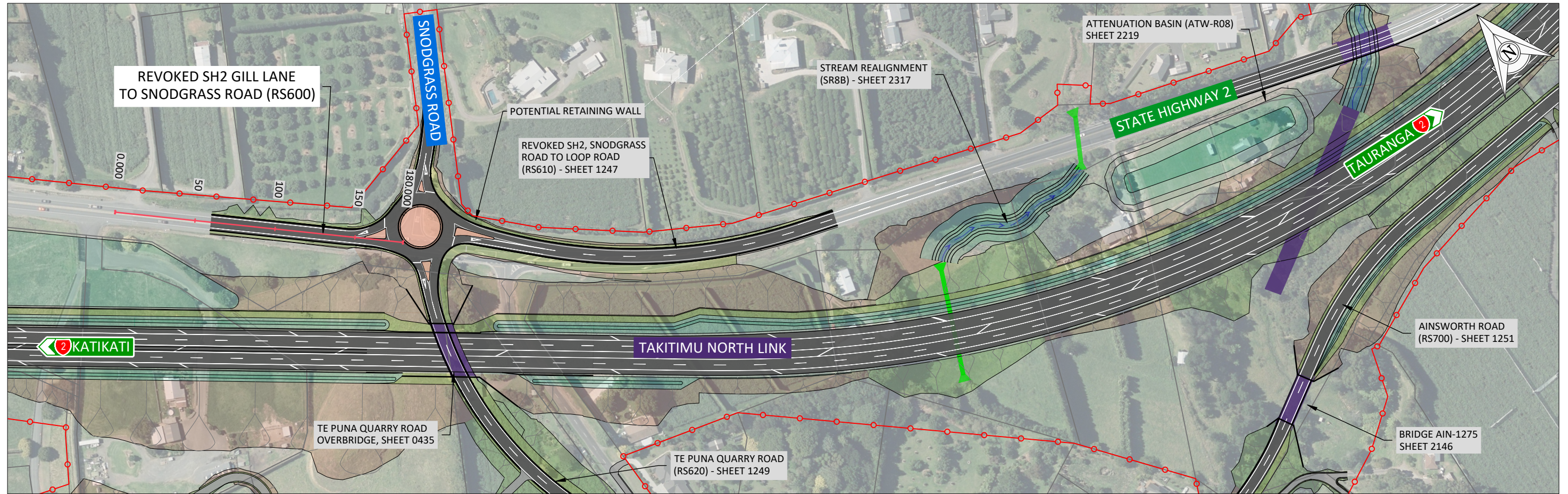
Version 4.0 - March 2020

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100mm

SCALE FOR VALIDATING SIZE OF A3 PLOT ONLY

0



LONG SECTION ALIGNMENT RS600

HORIZONTAL SCALE 1:2500
VERTICAL SCALE 1:1250

KEY: GENERAL ARRANGEMENT

- LEGAL BOUNDARIES
- DESIGN PROFILE
- 1000 DESIGN CHAINAGE
- PROPOSED DESIGNATION BOUNDARY
- DESIGN CUT BATTER
- PROPOSED CARRIAGEWAY & MARKINGS
- DESIGN FILL BATTER
- ACCESSWAYS
- PEDESTRIAN PATH
- SERVICES BERM
- BRIDGES & BOX CULVERTS
- CULVERTS
- OPEN DRAIN/SWALE
- STORMWATER DEVICE

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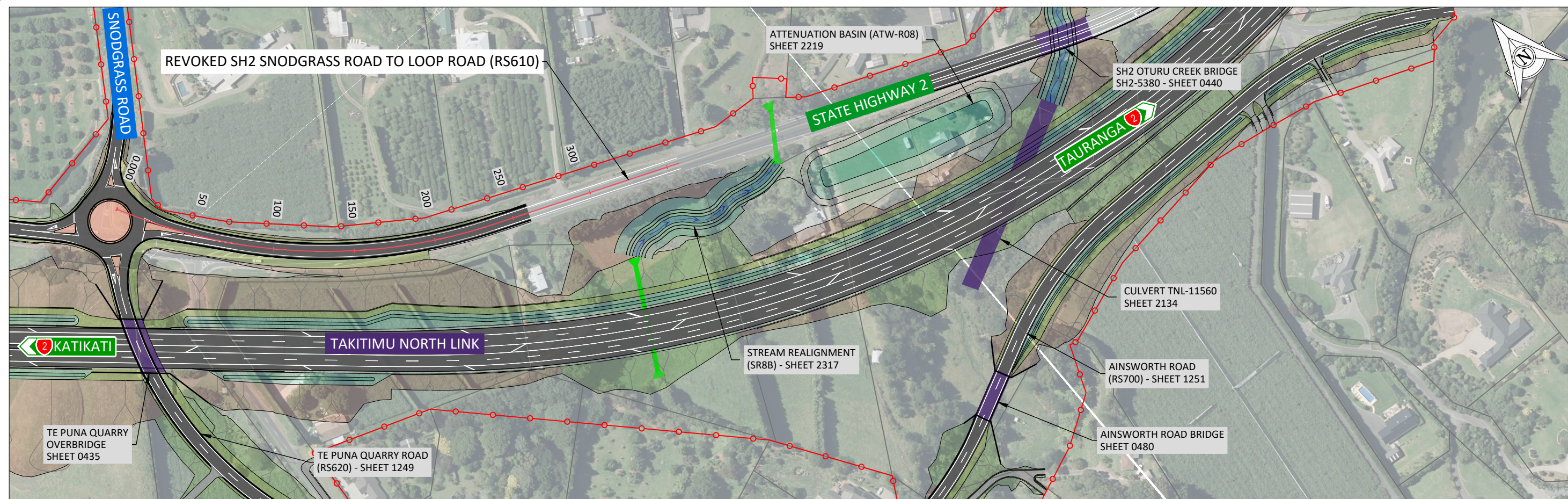
DESIGNED	CMC	CHECKED	CMC
DRAWN	ER	APPROVED	SGB
H	30.07.2025	FTAA APPLICATION	ER
DATE	ISSUE/REVISION DETAIL	BY	CMC
		CHK	SGB
		APPR	



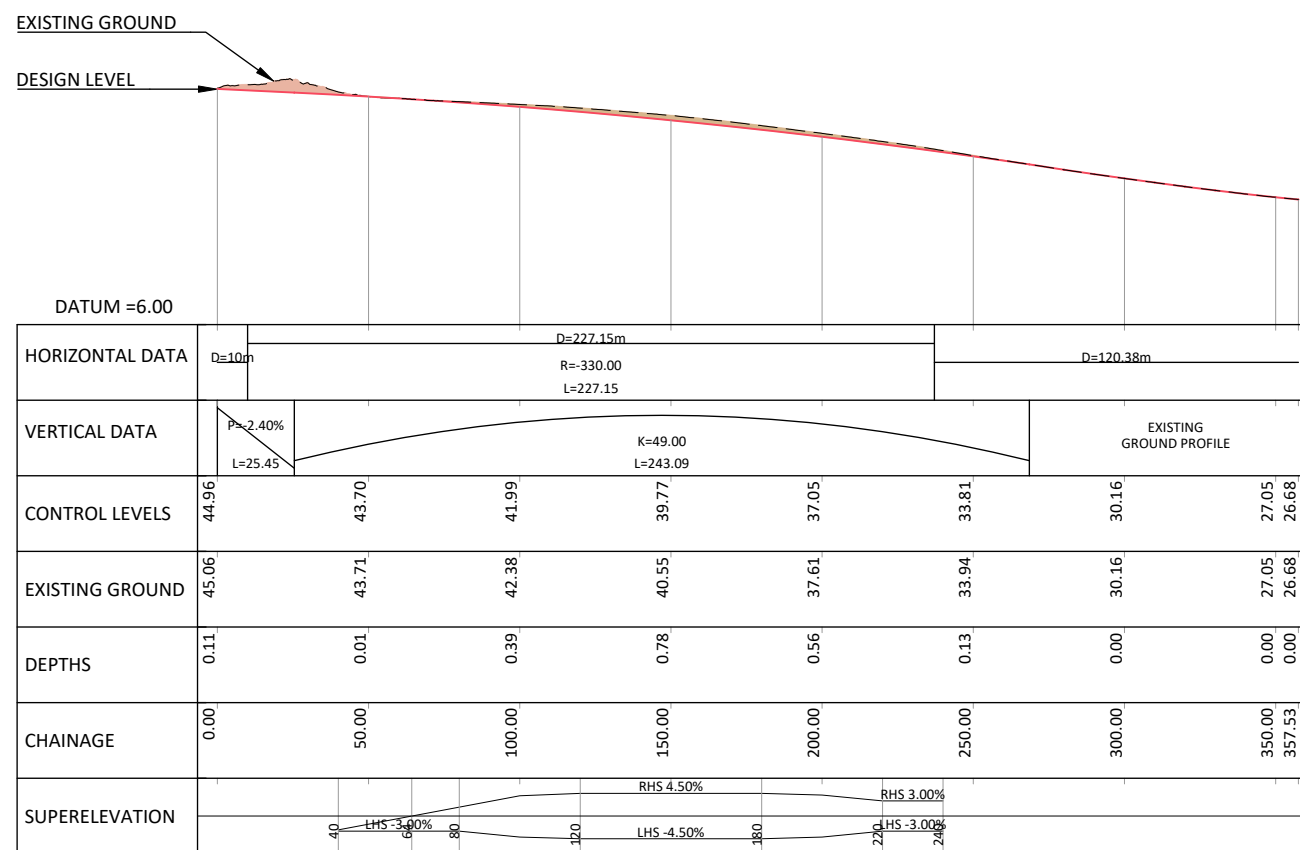
PROJECT
TAKITIMU NORTH LINK
STAGE 2

DRAWING
GENERAL ARRANGEMENT
PLAN & LONG SECTION
REVOKED SH2, GILL LANE TO
SNODGRASS ROAD (RS600)

STATUS	PRELIMINARY
DATE	01.06.2023
SCALE (ORIGINAL SIZE A3)	AS SHOWN
DRAWING NUMBER	144702-00-1246
REVISION	H



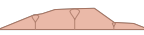
1:2500 (A3)



HORIZONTAL DATA										
VERTICAL DATA										
CONTROL LEVELS	44.96	43.70	41.99	39.77	37.05	33.81	30.16	27.05	26.68	
EXISTING GROUND	45.06	43.71	42.38	40.55	37.61	33.94	30.16	27.05	26.68	
DEPTHS	0.11	0.01	0.39	0.78	0.56	0.13	0.00	0.00	0.00	
CHAINAGE	0.00	50.00	100.00	150.00	200.00	250.00	300.00	350.00	357.53	
SUPERELEVATION										

HORIZONTAL SCALE 1:2500
VERTICAL SCALE 1:1250

- KEY: GENERAL ARRANGEMENT

- | | |
|---|---------------------------------|
|  | LEGAL BOUNDARIES |
|  | DESIGN PROFILE |
|  | DESIGN CHAINAGE |
|  | PROPOSED DESIGNATION BOUNDARY |
|  | DESIGN CUT BATTER |
|  | PROPOSED CARRIAGEWAY & MARKINGS |
|  | DESIGN FILL BATTER |
|  | ACCESSWAYS |
|  | PEDESTRIAN PATH |
|  | SERVICES BERM |
|  | BRIDGES & BOX CULVERTS |
|  | CULVERTS |
|  | OPEN DRAIN/SWALE |
|  | STORMWATER DEVICE |

[illegible]

DESIGNED	CHECKED
CMC	CMC
DRAWN	APPROVED
ER	SGB



PROJECT
TAKITIMU NORTH LINK
STAGE 2

DRAWING

GENERAL ARRANGEMENT
PLAN & LONG SECTION
REVOKED SH2, SNODGRASS ROAD
TO LOOP ROAD (RS610)

STATUS		PRELIMINARY	
DATE	01.06.2023	SCALE (ORIGINAL SIZE A3)	AS SHOWN
DRAWING NUMBER	144702-00-1247	REVISION	H

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Version 4.0 - March 2020

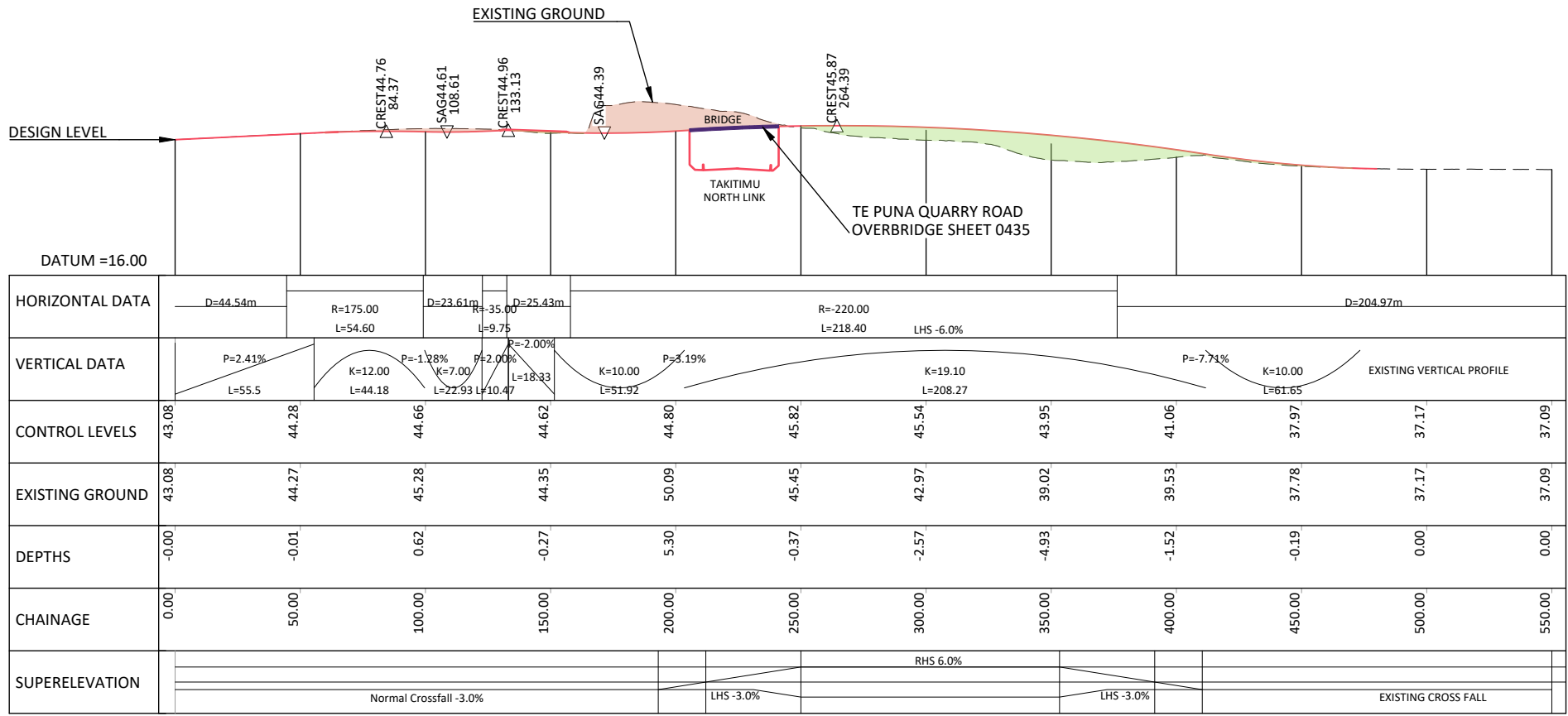
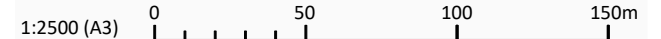
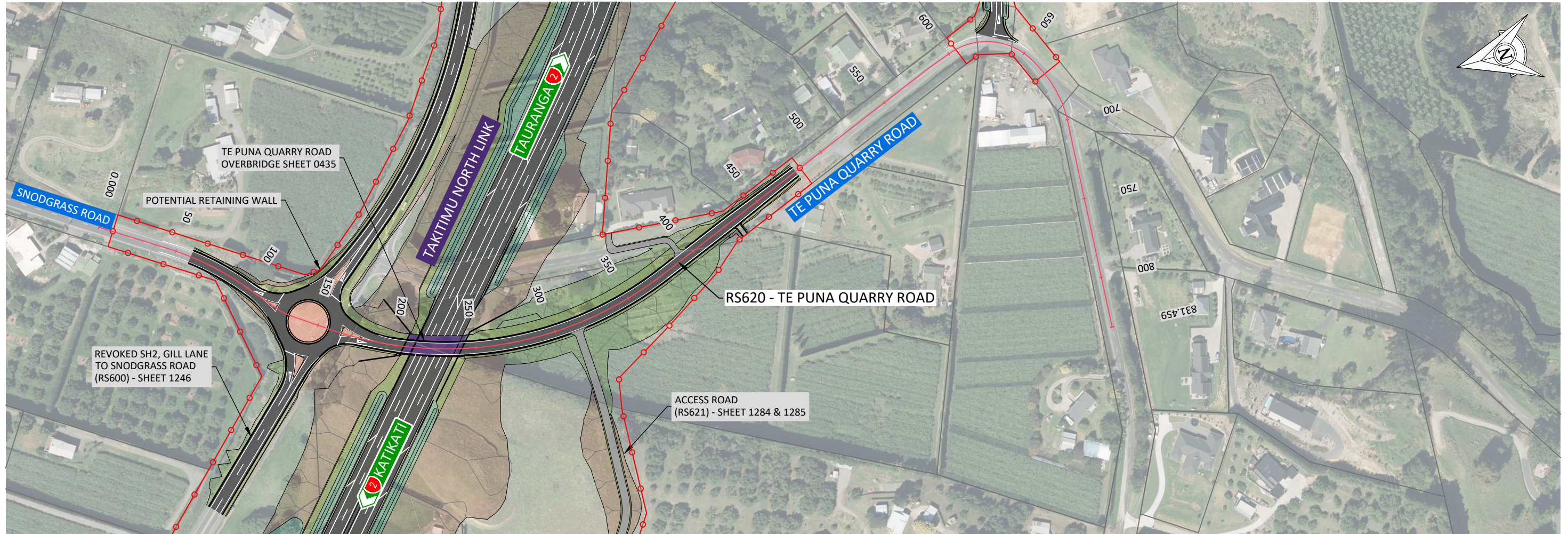
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100mm

SCALE FOR VALIDATING SIZE OF A3 PLOT ONLY

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C:\26\5\144702 - Takitimu North Link Stage 2_590003 Drawings\00144702-00-1249.dwg 28/7/2025 1:37 pm en.chardson Plotted: 28 Jul 2025 1:37 pm



LONG SECTION ALIGNMENT RS620

KEY: GENERAL ARRANGEMENT

- LEGAL BOUNDARIES
- DESIGN PROFILE
- 1000 DESIGN CHAINAGE
- PROPOSED DESIGNATION BOUNDARY
- DESIGN CUT BATTER
- PROPOSED CARRIAGEWAY & MARKINGS
- DESIGN FILL BATTER
- ACCESSWAYS
- PEDESTRIAN PATH
- SERVICES BERM
- BRIDGES & BOX CULVERTS
- CULVERTS
- OPEN DRAIN/SWALE
- STORMWATER DEVICE

DESIGNED BRM		CHECKED CMC				CLIENT TAKITIMU NORTH LINK STAGE 2	PROJECT GENERAL ARRANGEMENT PLAN & LONG SECTION TE PUNA QUARRY ROAD (RS620)	STATUS PRELIMINARY
DRAWN ER		APPROVED SGB						
DATE 30.07.2025		DATE 04.03.2021		SCALE (ORIGINAL SIZE A3) AS SHOWN		DRAWING NUMBER 144702-00-1249		REVISION H
ISSUE/REVISION DETAIL		BY ER		CHK CMC		APPR SGB		

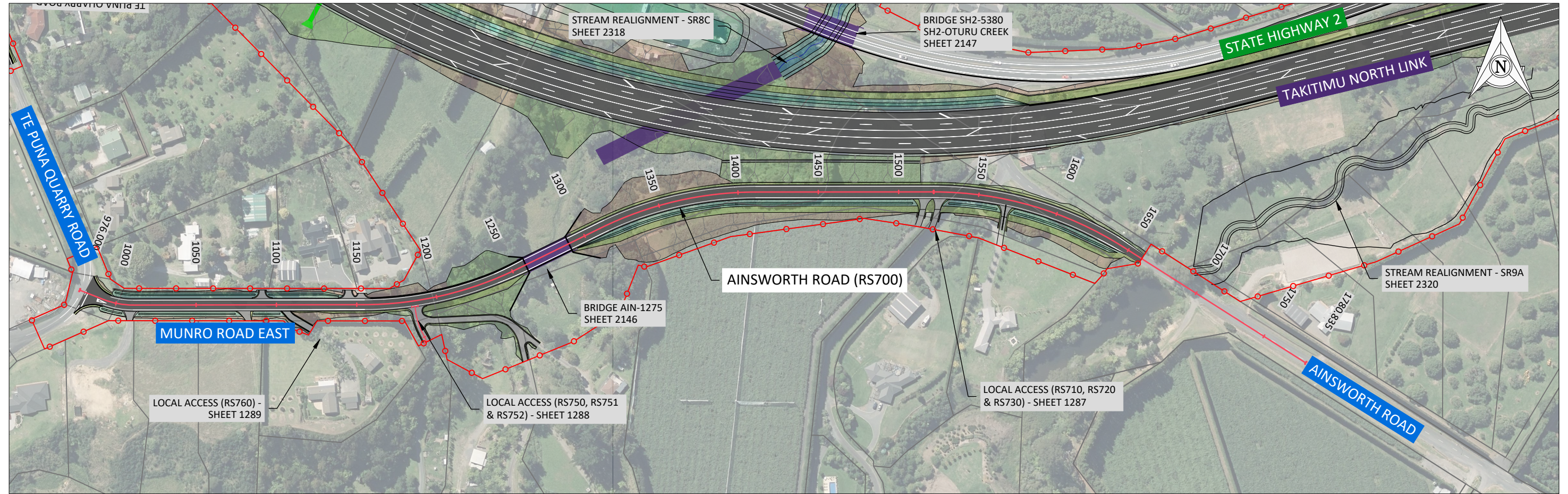
Version 4.0 - March 2020

100mm

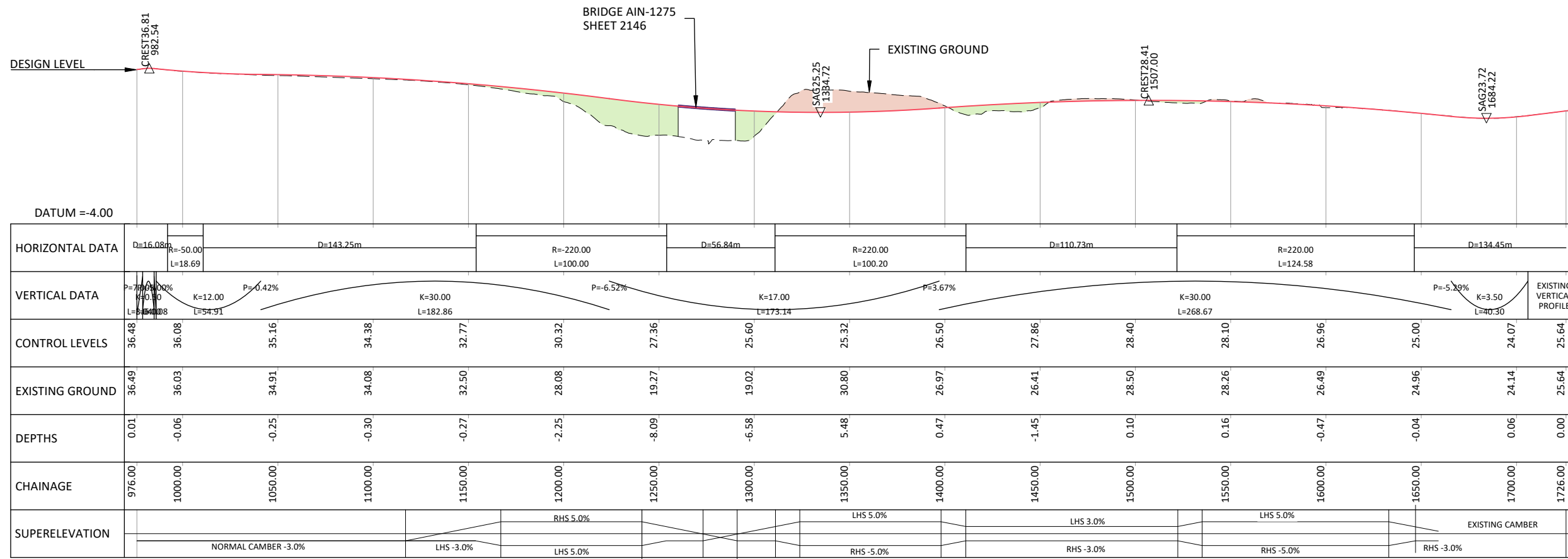
SCALE FOR VALIDATING SIZE OF A3 PLOT ONLY

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1:2500 (A3) 0 50 100 150m



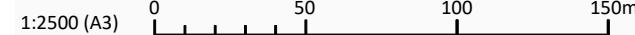
LONG SECTION ALIGNMENT RS700

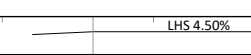
HORIZONTAL SCALE 1:2500
VERTICAL SCALE 1:1250

KEY: GENERAL ARRANGEMENT

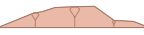
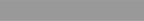
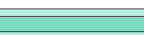
- LEGAL BOUNDARIES
- DESIGN PROFILE
- 1000 DESIGN CHAINAGE
- PROPOSED DESIGNATION BOUNDARY
- DESIGN CUT BATTER
- PROPOSED CARRIAGEWAY & MARKINGS
- DESIGN FILL BATTER
- ACCESSWAYS
- PEDESTRIAN PATH
- SERVICES BERM
- BRIDGES & BOX CULVERTS
- CULVERTS
- OPEN DRAIN/SWALE
- STORMWATER DEVICE

DESIGNED BN				CHECKED CMC												PROJECT TAKITIMU NORTH LINK STAGE 2				DRAWING GENERAL ARRANGEMENT PLAN & LONG SECTION AINS WORTH ROAD (RS700)				STATUS PRELIMINARY			
DRAWN ER				APPROVED SGB																				DATE 01.06.2023			
H 30.07.2025				FTAA APPLICATION				ER CMC				SGB				DRAWING NUMBER 144702-00-1251				REVISION H							
DATE				ISSUE/REVISION DETAIL				BY CHK				APPR				Version 4.0 - March 2020				©copyright							



HORIZONTAL DATA	D=294.93m							D=286.89m					D=65.84m		D=152.81m	
								R=-400.00							R=800.00	
	L=286.89					L=152.81										
VERTICAL DATA	DESIGN PROFILE ADOPTS EXISING PROFILE															
CONTROL LEVELS	29.81	26.79	24.60	23.36	22.45	21.83	22.01	23.52	24.89	25.55	25.47	24.97	24.66	24.61	24.08	23.29
EXISTING GROUND	29.81	26.79	24.60	23.36	22.45	21.83	22.01	23.52	24.89	25.55	25.47	24.97	24.66	24.61	24.08	23.29
DEPTHS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHAINAGE	0.00	50.00	100.00	150.00	200.00	250.00	300.00	350.00	400.00	450.00	500.00	550.00	600.00	650.00	700.00	750.00
SUPERELEVATION																LHS 4.50%
																RHS -4.50%

HORIZONTAL SCALE 1:2500
VERTICAL SCALE 1:1250

	LEGAL BOUNDARIES
	DESIGN PROFILE
	DESIGN CHAINAGE
	PROPOSED DESIGNATION BOUNDARY
	DESIGN CUT BATTER
	PROPOSED CARRIAGEWAY & MARKINGS
	DESIGN FILL BATTER
	ACCESSWAYS
	PEDESTRIAN PATH
	SERVICES BERM
	BRIDGES & BOX CULVERTS
	CULVERTS
	OPEN DRAIN/SWALE
	STORMWATER DEVICE

[illegible]

DESIGNED	CHECKED
IVS	CMC
DRAWN	APPROVED
ER	SGB



PROJECT
TAKITIMU NORTH LINK
STAGE 2

DRAWING

GENERAL ARRANGEMENT
PLAN & LONG SECTION
EXISTING SH2 (RS800)
SHEET 1

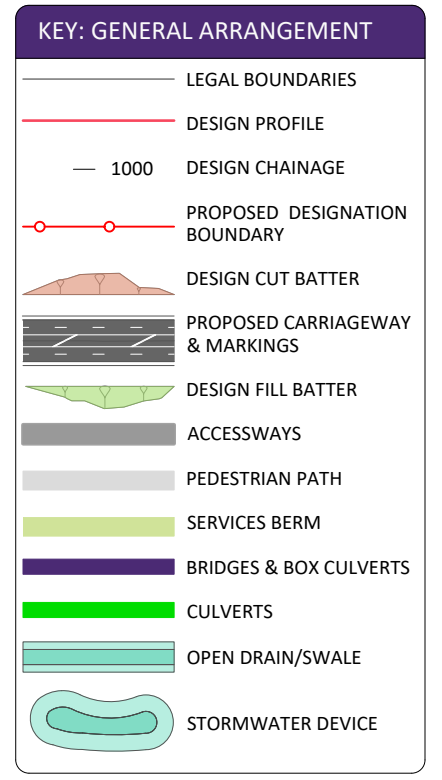
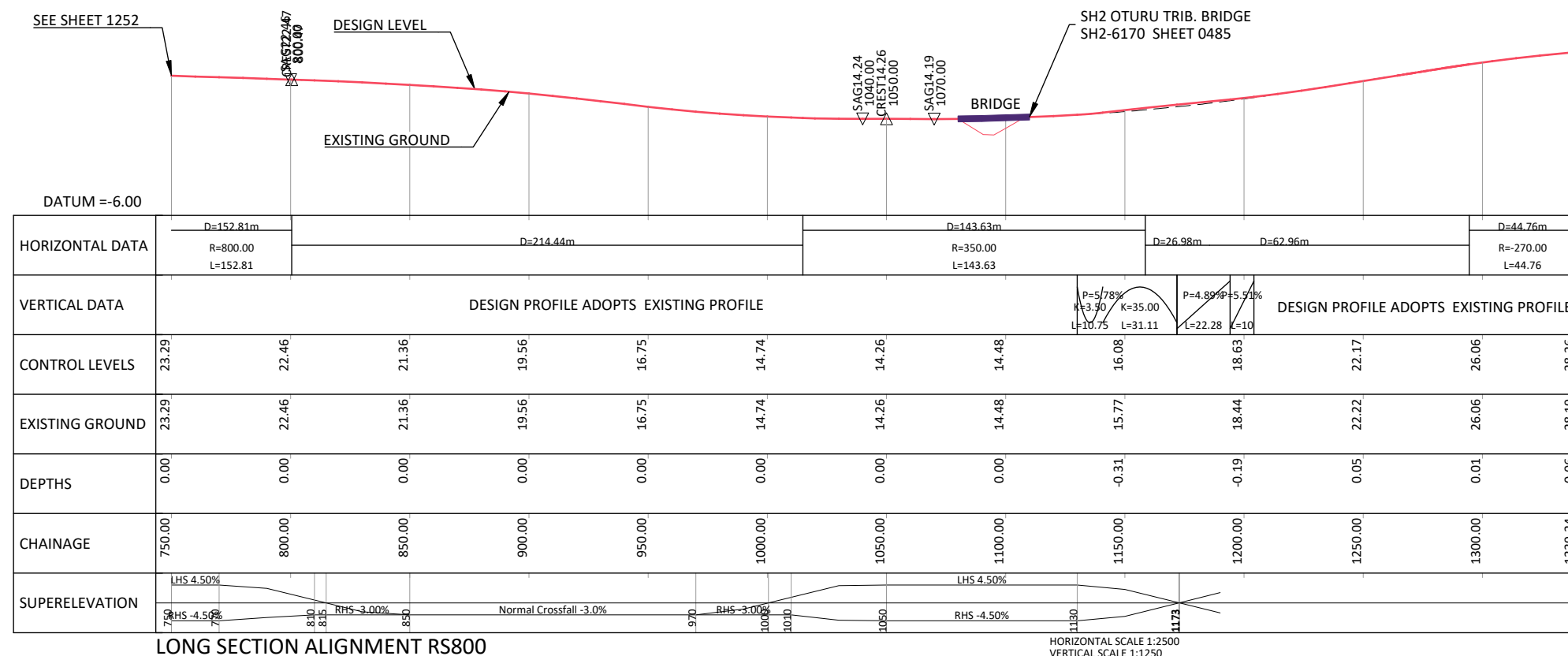
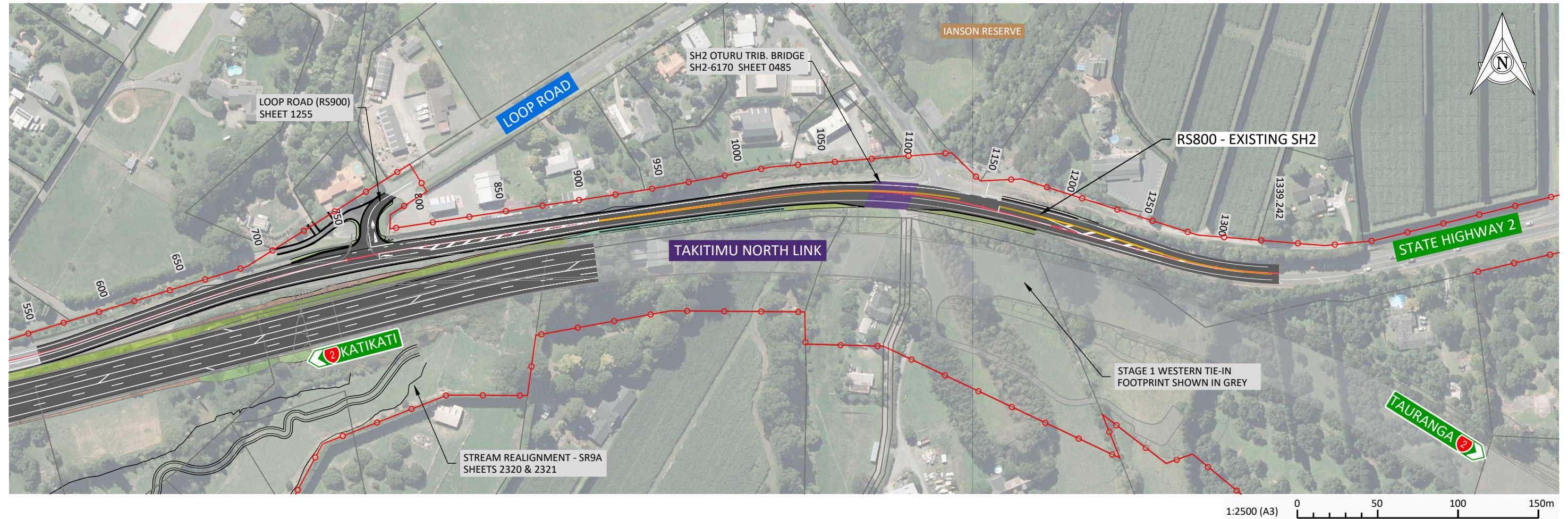
STATUS		PRELIMINARY	
DATE	14.03.2023	SCALE (ORIGINAL SIZE A3)	AS SHOWN
DRAWING NUMBER	144702-00-1252	REVISION	H

100mm

SCALE FOR VALIDATING SIZE OF A3 PLOT ONLY

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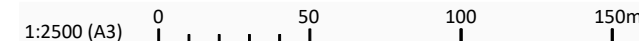
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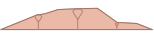
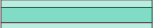
DESIGNED BRM				CHECKED CMC				DRAWN ER				APPROVED SGB			
H				DATE				ISSUE/REVISION DETAIL				BY			
30.07.2025				FTAA APPLICATION				ER				CMC			
Version 4.0 - March 2020															

								PROJECT TAKITIMU NORTH LINK STAGE 2				DRAWING GENERAL ARRANGEMENT PLAN & LONG SECTION EXISTING SH2 (RS800) SHEET 2			
STATUS PRELIMINARY				DATE 01.06.2023				SCALE (ORIGINAL SIZE A3) AS SHOWN				DRAWING NUMBER 144702-00-1253			
												REVISION H			

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KEY: GENERAL ARRANGEMENT

	LEGAL BOUNDARIES
	DESIGN PROFILE
	DESIGN CHAINAGE
	PROPOSED DESIGNATION BOUNDARY
	DESIGN CUT BATTER
	PROPOSED CARRIAGEWAY & MARKINGS
	DESIGN FILL BATTER
	ACCESSWAYS
	PEDESTRIAN PATH
	SERVICES BERM
	BRIDGES & BOX CULVERTS
	CULVERTS
	OPEN DRAIN/SWALE
	STORMWATER DEVICE

DESIGNED	CHECKED
CMC	CMC
DRAWN	APPROVED
ER	SGB



DRAWING
GENERAL ARRANGEMENT
PLAN & LONG SECTION
LOOP ROAD (RS900)

STATUS		PRELIMINARY	
DATE 01.06.2023		SCALE (ORIGINAL SIZE A3) AS SHOWN	
DRAWING NUMBER 144702-00-1255		REVISION H	