

ENGINEER'S CERTIFICATION

I, _____, hereby certify that:

- The information contained in this drawing / document is in compliance with approved drawings and design.
- The new water and sewerage works defined by this drawing have been designed and constructed in accordance with the SEQ Code.
- This represents an accurate record of as-constructed works.
- I accept responsibility for the information contained in this drawing / document.

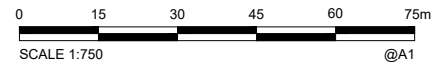
RPEQ (signature) RPEQ No. _____ Date: _____

AS CONSTRUCTED

REGISTERED SURVEYING ASSOCIATE CERTIFICATION

I, Gordon Nicholson, hereby certify that the vertical and horizontal locations and dimensions shown on this plan are a true and correct record and were located by survey.

Registered Surveying Associate (sig.) Surveyor No. SA 3405 Date: 23/05/23



COORDINATE DATUM NOTE:
 HORIZONTAL COORDINATES(E,N) SUPPLIED ARE MAPPING GRID OF AUSTRALIA(MGA), ZONE 56 BASED ON THE UNIVERSAL TRANSVERSE MERCATOR PROJECTION AND THE GEOCENTRIC DATUM OF AUSTRALIA 1994.
 HORIZONTAL DATUM DERIVED FROM PSM 61308 E 4 98528.114 N 6931171.033.
 LEVELS SUPPLIED ARE ON THE AUSTRALIAN HEIGHT DATUM(AHD)
 LEVEL DATUM DERIVED FROM PSM 61308 RL54.660 (AHD)

A1	A	23/05/23	AS CONSTRUCTED	RDE	DAM	LS
	INDEX	DATE	REVISIONS	DRAWN	CHECKED	PASSED
				DRAWN	CHECKED	PASSED
				INITIALS	DATE	

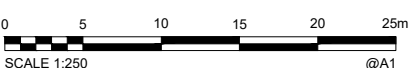
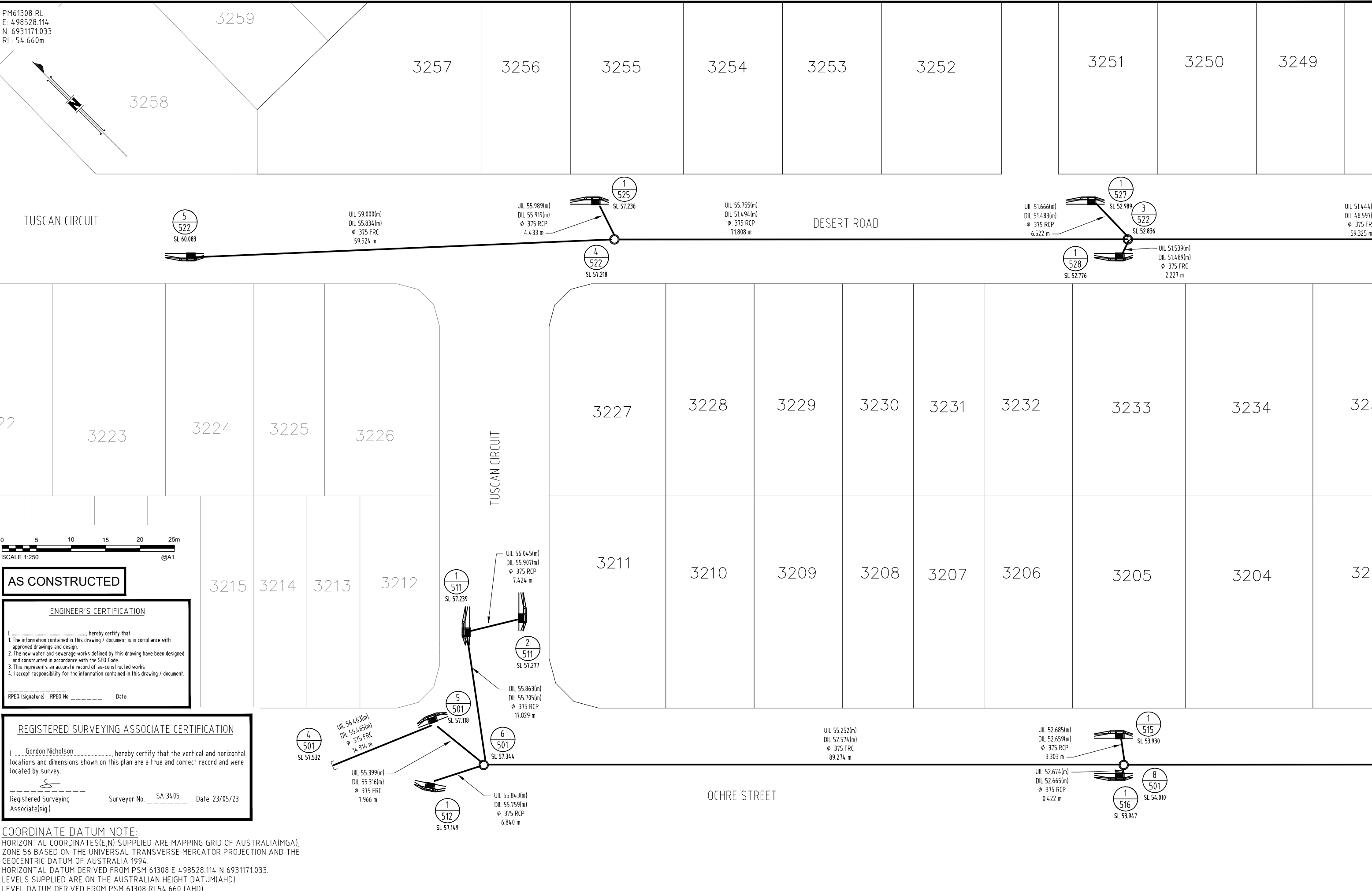
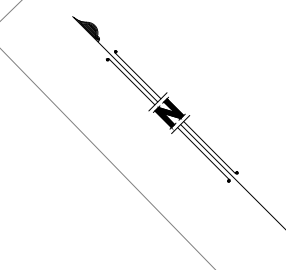


LOGAN CITY COUNCIL

MIRVAC MIR004-09
 AS CONSTRUCTED SURVEY - STORMWATER
 EVERLEIGH PRECINCT 9.4C
 GREENBANK QLD

SHEET 1 OF 4 SHEETS	SCALE 1:750 A1
REVISION DATE 23/05/23	REVISION A
DISCIPLINE CODE -	
DRAWING NO. ASC-STORM-01-9.4C	

PM61308 RL
 E: 498528.114
 N: 6931171.033
 RL: 54.660m



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 LEVEL DATUM DERIVED FROM PSM 61308 RL54.660 (AHD)

A1	INDEX	DATE	REVISIONS	DRAWN	CHECKED	PASSED
	A	23/05/23	AS CONSTRUCTED	RDE	DAM	LS

DRAWN	RDE	23/05/23
CHECKED	DAM	23/05/23
PASSED	LS	23/05/23
INITIALS	DATE	



LOGAN CITY COUNCIL
 MIRVAC MIR004-09
 AS CONSTRUCTED SURVEY - STORMWATER
 EVERLEIGH PRECINCT 9.4C
 GREENBANK QLD

SHEET 2 OF 4 SHEETS	SCALE 1:250 A1
REVISION DATE 23/05/23	REVISION A
DISCIPLINE CODE -	
DRAWING NO. ASC-STORM-02-9.4C	

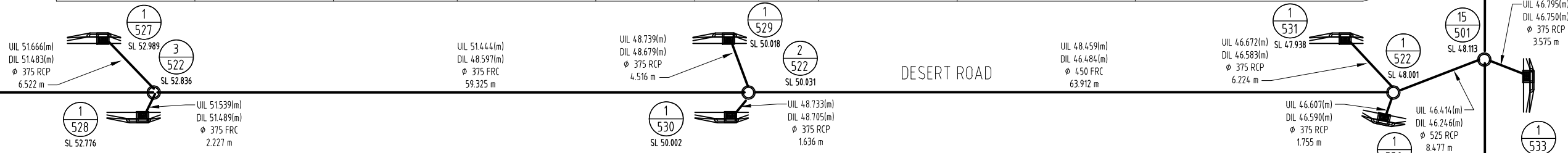
PM61308 RL
 E: 498528.114
 N: 6931171.033
 RL: 54.660m

3251 3250 3249

3248 3247 3246 3245 3244

3240

UIL 45.986(m)
 DIL 45.075(m)
 ø 750 RCP
 38.195 m



DESERT ROAD

TUSCAN CIRCUIT

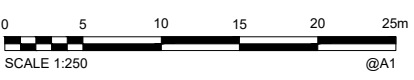
3232 3233 3234 3235 3236 3237 3238 3239

3198

3197

3196

3195



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 Registered Surveying Associate(sig) Surveyor No. SA 34.05 Date: 23/05/23

COORDINATE DATUM NOTE:
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 LEVEL DATUM DERIVED FROM PSM 61308 RL54.660 (AHD)

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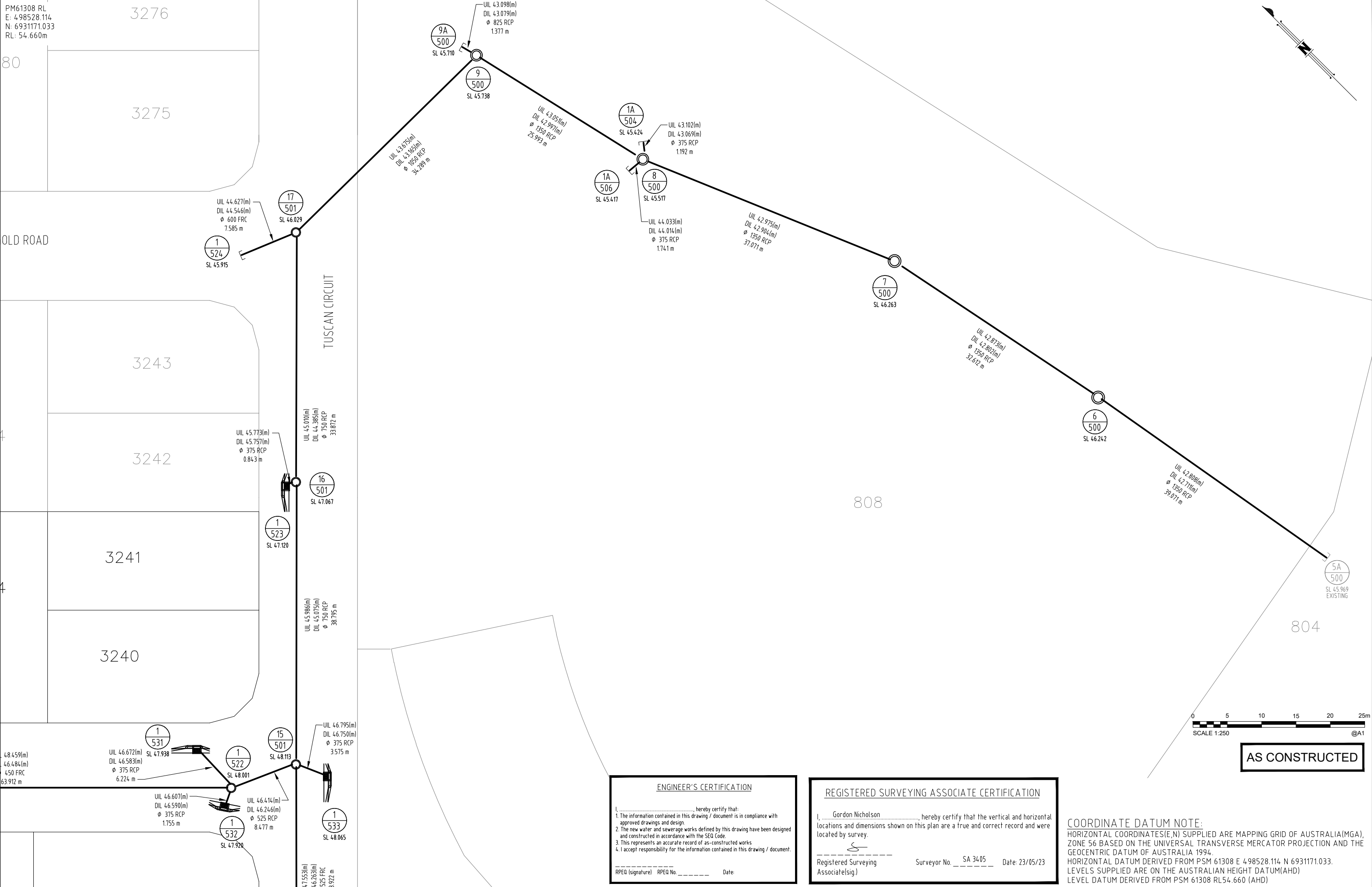
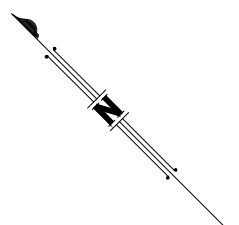
DRAWN	RDE	23/05/23
CHECKED	DAM	23/05/23
PASSED	LS	23/05/23
INITIALS	DATE	



LOGAN CITY COUNCIL
 MIRVAC MIR004-09
 AS CONSTRUCTED SURVEY - STORMWATER
 EVERLEIGH PRECINCT 9.4C
 GREENBANK QLD

SHEET 3 OF 4 SHEETS	SCALE 1:250 A1
REVISION DATE 23/05/23	REVISION A
DISCIPLINE CODE -	
DRAWING NO. ASC-STORM-03-9.4C	

PM61308 RL
E: 498528.114
N: 6931171.033
RL: 54.660m



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Registered Surveying Associate(sig) Surveyor No. SA 3405 Date: 23/05/23

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LEVELS SUPPLIED ARE ON THE AUSTRALIAN HEIGHT DATUM(AHD)
LEVEL DATUM DERIVED FROM PSM 61308 RL54.660 (AHD)

A1	INDEX	DATE	REVISIONS	DRAWN	CHECKED	PASSED	INITIALS	DATE
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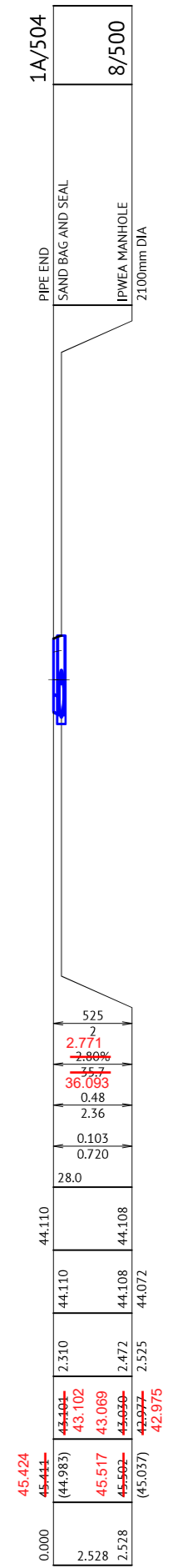
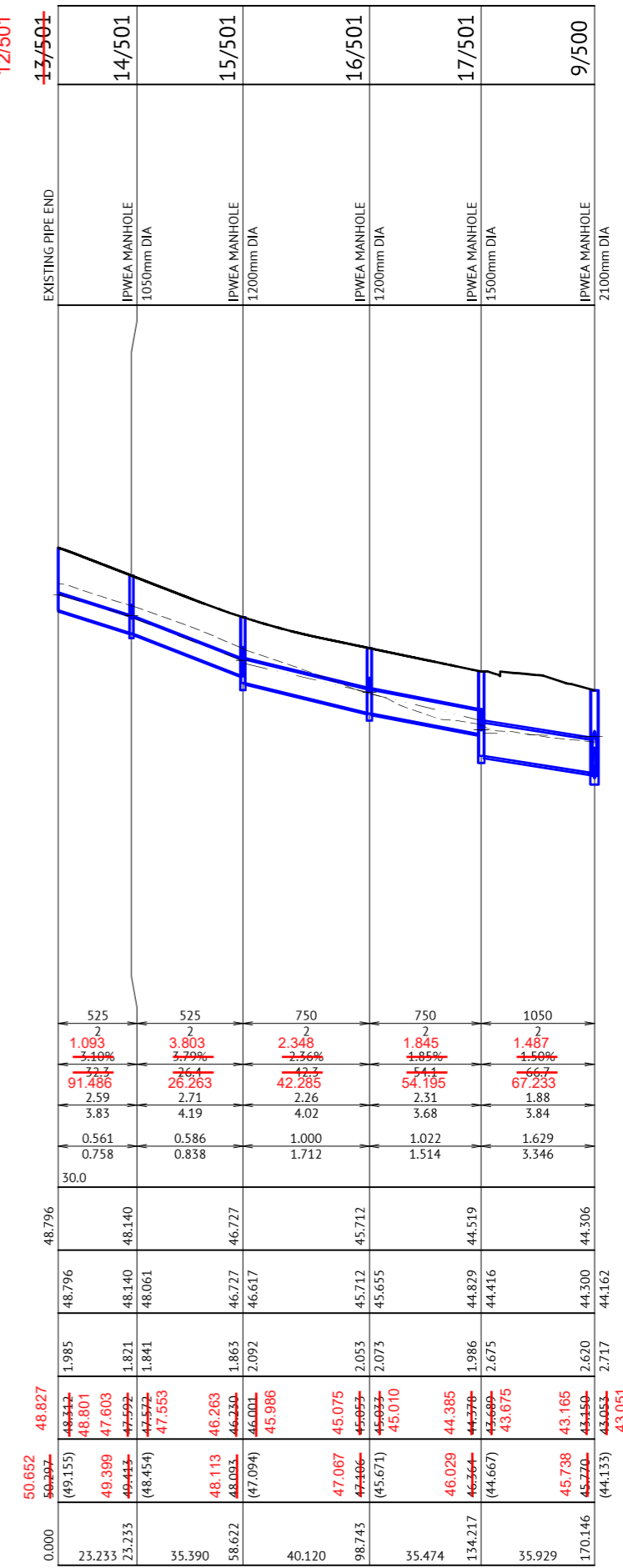
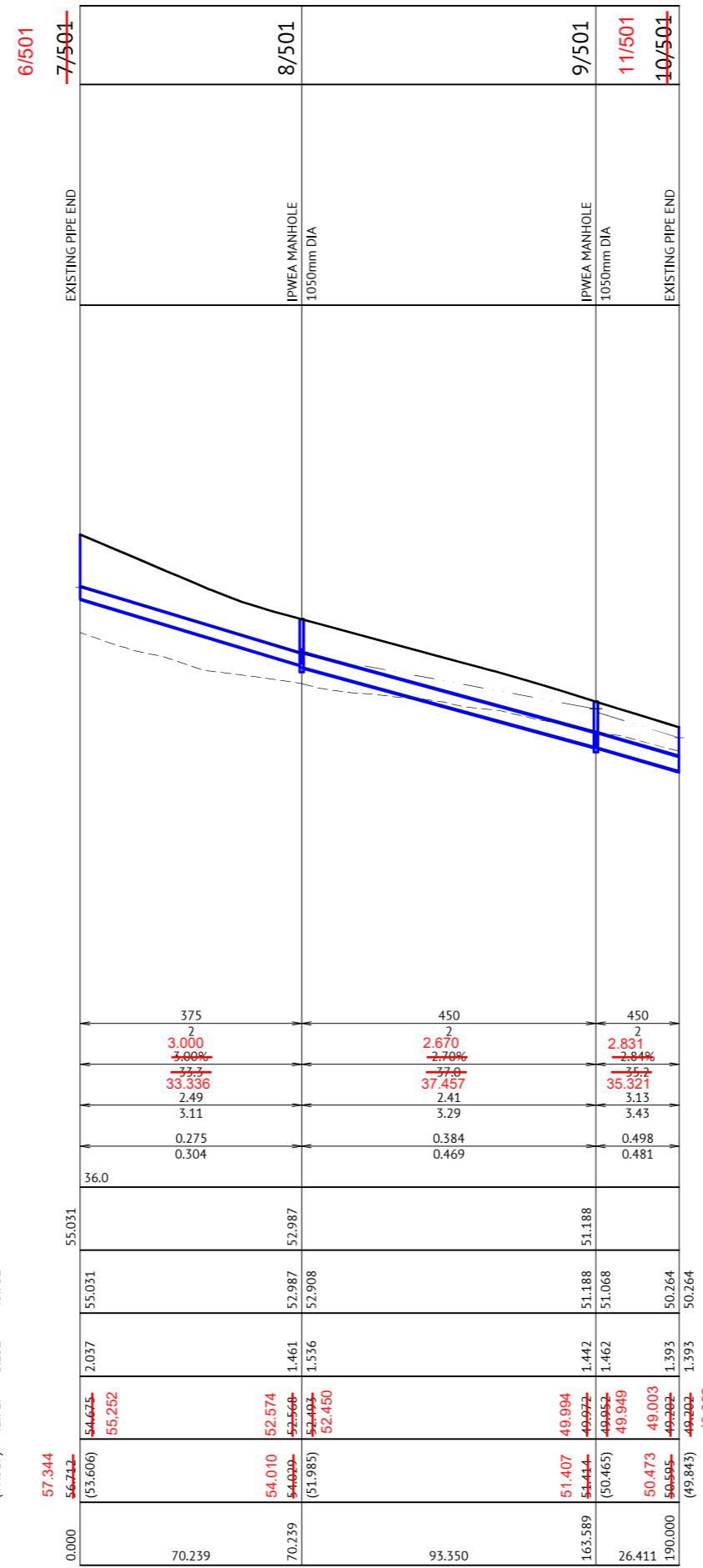


LOGAN CITY COUNCIL

MIRVAC MIR004-09
AS CONSTRUCTED SURVEY - STORMWATER
EVERLEIGH PRECINCT 9.4C
GREENBANK QLD

SHEET 4 OF 4 SHEETS	SCALE 1:250 A1
REVISION DATE 14/04/2023	REVISION A
DISCIPLINE CODE -	
DRAWING NO. ASC-STORM-04-9.4C	

STRUCTURE NAME	9A/500	9/500	8/500	7/500	6/500	5A/500
STRUCTURE DESCRIPTION	PIPE END SAND BAG AND SEAL	IPWEA MANHOLE 2100mm DIA	IPWEA MANHOLE 2100mm DIA	IPWEA MANHOLE 1800mm DIA	IPWEA MANHOLE 1800mm DIA	EXISTING PIPE END
PIPE SIZE (mm)	825	1350	1350	1350	1350	
PIPE CLASS	2	2	2	2	2	
PIPE GRADE (%)	1.380	0.208	0.192	0.218	0.248	
PIPE SLOPE (1 in X)	1.00%	0.20%	0.20%	0.20%	0.20%	
FULL PIPE VELOCITY (m/s)	1.39	1.65	1.73	1.71	1.69	
PART FULL VELOCITY (m/s)	2.71	1.90	1.90	1.90	1.90	
PIPE FLOW (cumecs)	0.744	2.362	2.473	2.444	2.419	
PIPE CAPACITY AT GRADE (cumecs)	1.436	2.388	2.388	2.388	2.388	
DATUM RL	29.0					
WSE IN STRUCTURE	44.307	44.306	44.108	43.982	43.860	
HGL IN PIPE	44.307	44.300	44.162	44.108	43.860	43.732
DEPTH OF INVERT BELOW FSL	2.697	2.697	2.717	2.505	3.443	3.252
INVERT LEVEL	42.610	41.603	41.445	41.687	40.417	40.480
FINISHED (& EXISTING) SURFACE LEVEL	45.710	45.738	45.517	46.263	46.242	45.969
CHAINAGE	0.000	2.440	27.881	30.321	38.559	140.491



DATE	REV	DESCRIPTION	REVISIONS
07/04/2022	B	ISSUED FOR CONSTRUCTION	KK PB
26/11/2021	A	ORIGINAL ISSUE	KK PB
12/11/2021	3	90% REVIEW ISSUE	KK PB
05/11/2021	2	DESIGN UPDATED	VKH PB
28/10/2021	1	PRELIMINARY ISSUE	VKH PB

BRISBANE OFFICE
 LEVEL 11, 300 ADELAIDE STREET
 BRISBANE, QLD 4000
 PH: (07) 3253 2222
 WEB: www.premise.com.au

DESIGNED
KLYNT KIWANG

CHECKED
ANDREW LANGDON

PROJECT MANAGER
SIMON STEINHOFER

PROJECT DIRECTOR
PATRICK BRADY

RPEQ 7112

SCALE

HORIZONTAL 1:1000 (A1)

VERTICAL 1:100 (A1)

ORIGINAL SHEET SIZE A1

CLIENT
MIRVAC QLD PTY LTD

PROJECT
EVERLEIGH PRECINCT 9.4 SUBDIVISION DEVELOPMENT

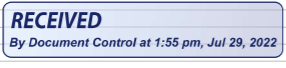
LOCATION
TEVIOT ROAD, GREENBANK

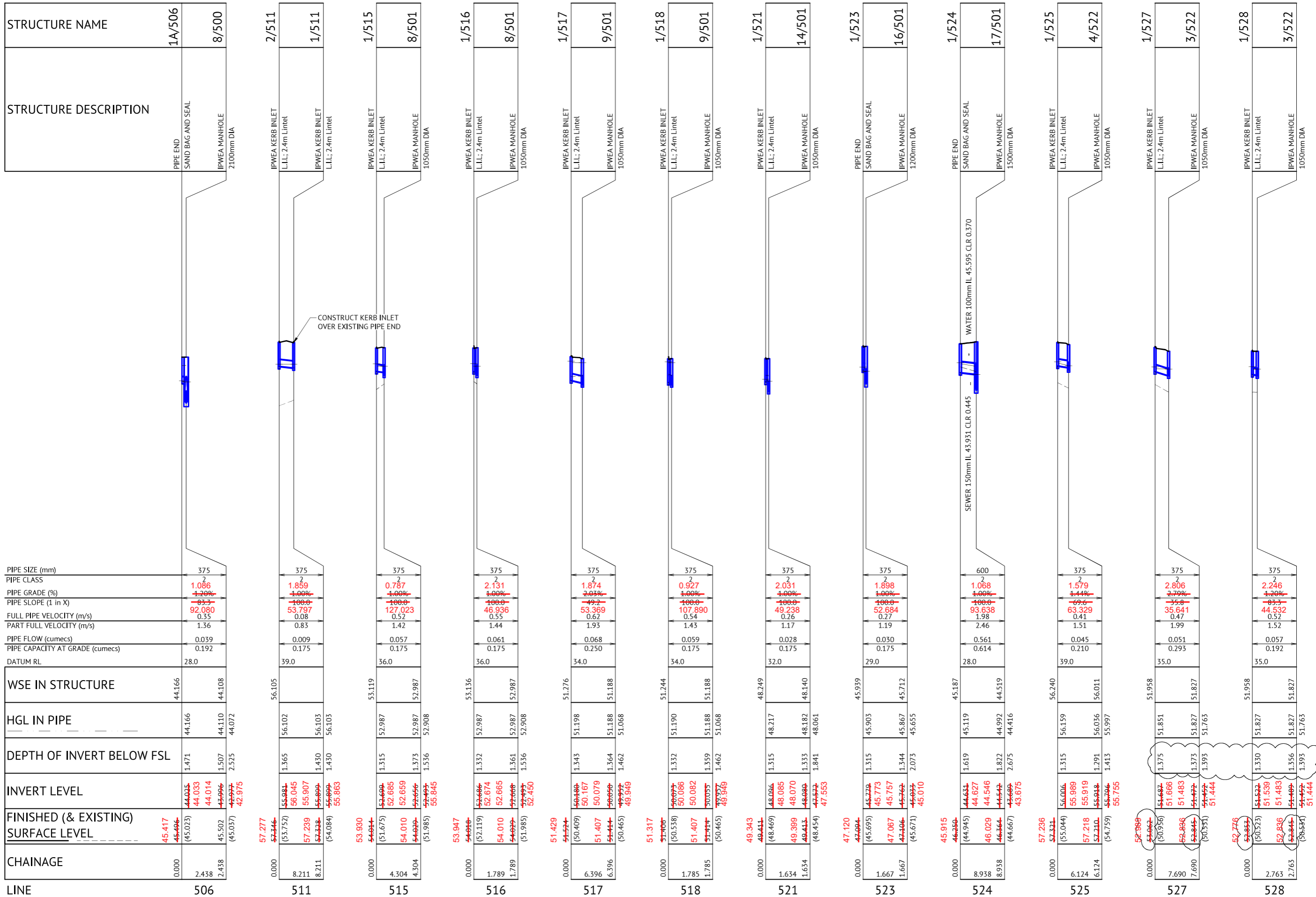
SHEET TITLE
STORMWATER DRAINAGE LONG SECTIONS - SHEET 1

JOB CODE
MIR-0904

SHEET NUMBER
C410

REV
B





FOR CONSTRUCTION

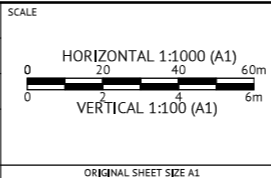
DATE	REV	DESCRIPTION	REVISED BY	APP
15/07/2022	C	AMENDED FINISHED SURFACE LEVELS ON LONG SECTIONS	KK	PB
07/04/2022	B	ISSUED FOR CONSTRUCTION	KK	PB
26/11/2021	A	ORIGINAL ISSUE	KK	PB
12/11/2021	3	90% REVIEW ISSUE	KK	PB
05/11/2021	2	DESIGN UPDATED	VKH	PB
28/10/2021	1	PRELIMINARY ISSUE	VKH	PB

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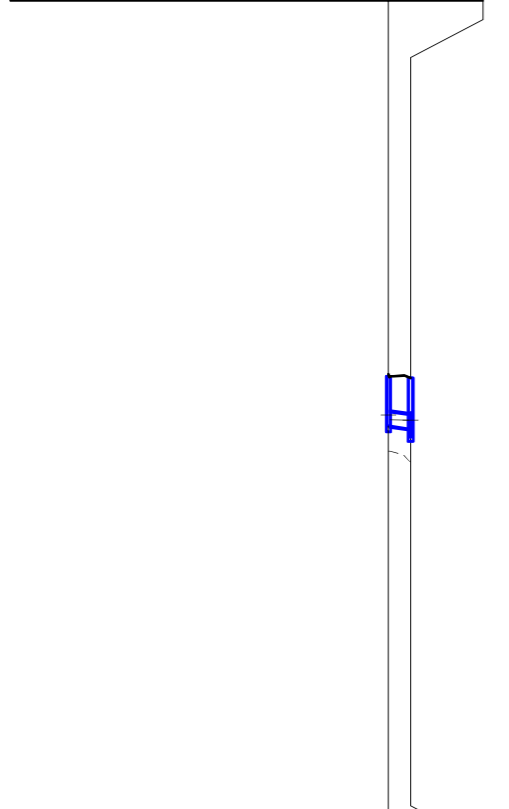
DESIGNED KLYNT KIWANG
CHECKED ANDREW LANGDON
PROJECT MANAGER SIMON STEINHOFER
PROJECT DIRECTOR PATRICK BRADY



CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 9.4 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE STORMWATER DRAINAGE LONG SECTIONS - SHEET 2

JOB CODE MIR-0904
SHEET NUMBER C411
REV C

STRUCTURE NAME	1/529	2/522
STRUCTURE DESCRIPTION	IPWEA KERB INLET L.L.I.: 2.4m Lintel	IPWEA MANHOLE 1050mm DIA

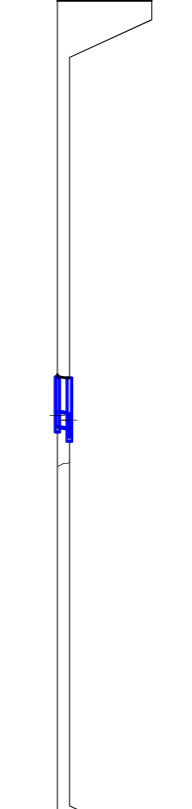


PIPE SIZE (mm)	375
PIPE CLASS	2
PIPE GRADE (%)	1.328 1.20%
PIPE SLOPE (1 in X)	83.3 75.274
FULL PIPE VELOCITY (m/s)	0.50
PART FULL VELOCITY (m/s)	1.50
PIPE FLOW (cumecs)	0.055
PIPE CAPACITY AT GRADE (cumecs)	0.192
DATUM RL	32.0

WSE IN STRUCTURE	49.037	48.907
HGL IN PIPE	48.915	48.907 48.863
DEPTH OF INVERT BELOW FSL	1.325	1.360 1.547
INVERT LEVEL	48.716 48.739	48.679 48.626 48.488 48.459
FINISHED (& EXISTING) SURFACE LEVEL	50.018 49.974 (48.085)	50.031 50.035 (47.788)
CHAINAGE	0.000	5.855

LINE 529

STRUCTURE NAME	1/530	2/522
STRUCTURE DESCRIPTION	IPWEA KERB INLET L.L.I.: 2.4m Lintel	IPWEA MANHOLE 1050mm DIA

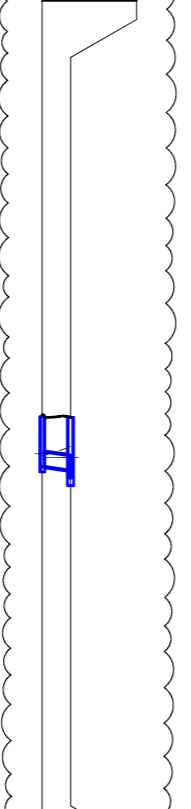


PIPE SIZE (mm)	375
PIPE CLASS	2
PIPE GRADE (%)	1.711 1.20%
PIPE SLOPE (1 in X)	83.3 58.443
FULL PIPE VELOCITY (m/s)	0.50
PART FULL VELOCITY (m/s)	1.51
PIPE FLOW (cumecs)	0.056
PIPE CAPACITY AT GRADE (cumecs)	0.192
DATUM RL	32.0

WSE IN STRUCTURE	49.034	48.907
HGL IN PIPE	48.908	48.907 48.863
DEPTH OF INVERT BELOW FSL	1.326	1.337 1.547
INVERT LEVEL	48.733 48.705	48.688 48.459
FINISHED (& EXISTING) SURFACE LEVEL	50.002 49.965 (47.688)	50.031 50.035 (47.788)
CHAINAGE	0.000	3.211

LINE 530

STRUCTURE NAME	1/531	1/522
STRUCTURE DESCRIPTION	IPWEA KERB INLET L.L.I.: 2.4m Lintel	IPWEA MANHOLE 1200mm DIA

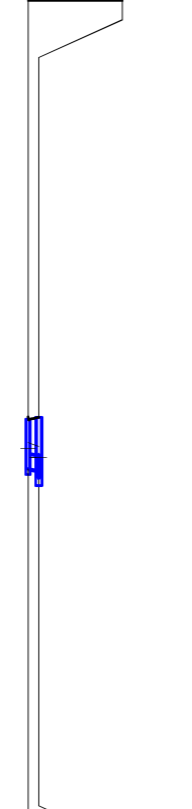


PIPE SIZE (mm)	375
PIPE CLASS	2
PIPE GRADE (%)	1.430 1.20%
PIPE SLOPE (1 in X)	83.3 69.930
FULL PIPE VELOCITY (m/s)	0.46
PART FULL VELOCITY (m/s)	1.47
PIPE FLOW (cumecs)	0.051
PIPE CAPACITY AT GRADE (cumecs)	0.192
DATUM RL	31.0

WSE IN STRUCTURE	47.016	46.916
HGL IN PIPE	46.911	46.916 46.830
DEPTH OF INVERT BELOW FSL	1.315	1.391 1.583
INVERT LEVEL	46.699 46.672	46.500 46.307 46.144
FINISHED (& EXISTING) SURFACE LEVEL	48.001 47.980 (47.207)	48.001 47.980 (47.207)
CHAINAGE	0.000	7.524

LINE 531

STRUCTURE NAME	1/532	1/522
STRUCTURE DESCRIPTION	IPWEA KERB INLET (SAG) L.L.I.: 2.4m Lintel	IPWEA MANHOLE 1200mm DIA

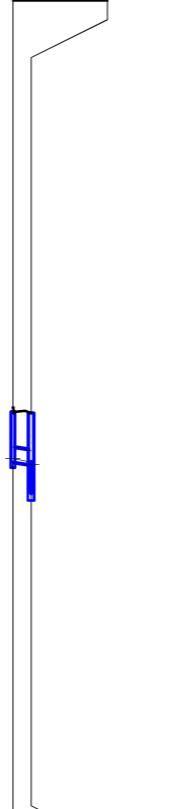


PIPE SIZE (mm)	375
PIPE CLASS	2
PIPE GRADE (%)	0.968 1.20%
PIPE SLOPE (1 in X)	83.3 103.259
FULL PIPE VELOCITY (m/s)	0.73
PART FULL VELOCITY (m/s)	1.66
PIPE FLOW (cumecs)	0.081
PIPE CAPACITY AT GRADE (cumecs)	0.192
DATUM RL	31.0

WSE IN STRUCTURE	47.158	46.915
HGL IN PIPE	46.915	46.915 46.830
DEPTH OF INVERT BELOW FSL	1.316	1.401 1.583
INVERT LEVEL	46.644 46.607	46.590 46.500 46.144
FINISHED (& EXISTING) SURFACE LEVEL	48.001 47.980 (47.207)	48.001 47.980 (47.207)
CHAINAGE	0.000	2.860

LINE 532

STRUCTURE NAME	1/533	15/501
STRUCTURE DESCRIPTION	IPWEA KERB INLET L.L.I.: 2.4m Lintel	IPWEA MANHOLE 1200mm DIA

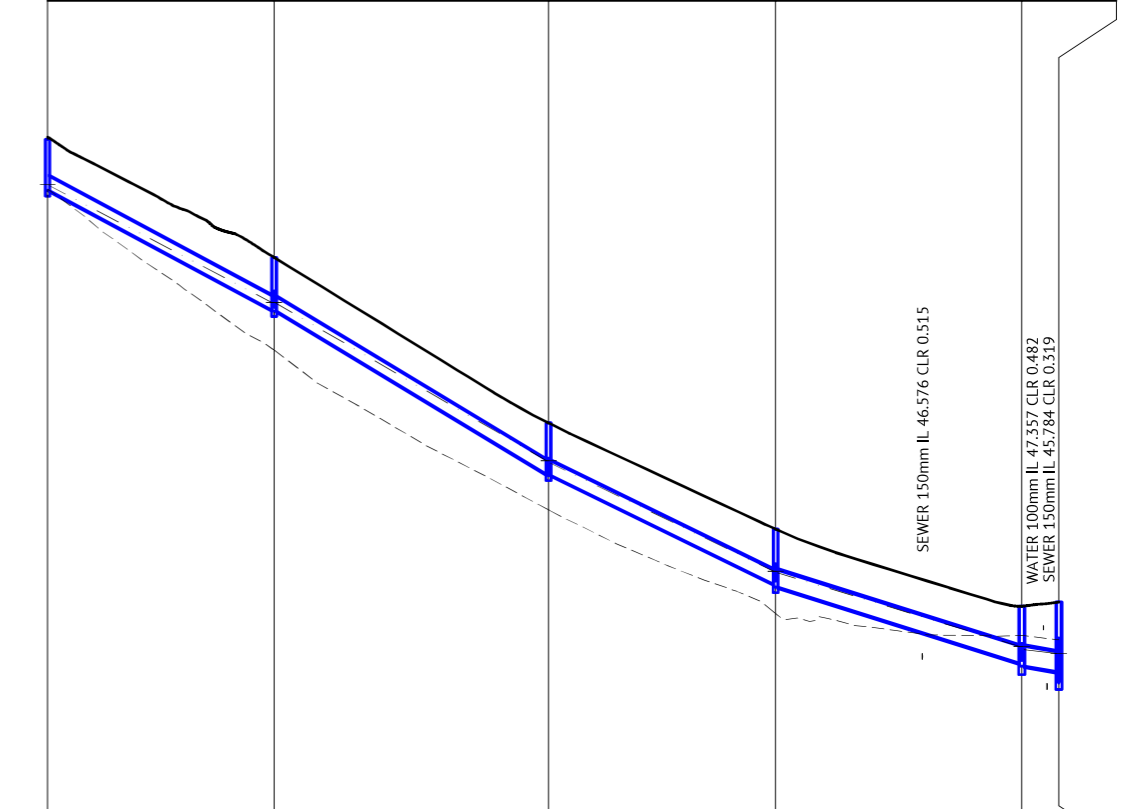


PIPE SIZE (mm)	375
PIPE CLASS	2
PIPE GRADE (%)	1.259 1.20%
PIPE SLOPE (1 in X)	83.3 79.451
FULL PIPE VELOCITY (m/s)	0.13
PART FULL VELOCITY (m/s)	1.03
PIPE FLOW (cumecs)	0.015
PIPE CAPACITY AT GRADE (cumecs)	0.192
DATUM RL	31.0

WSE IN STRUCTURE	46.889	46.727
HGL IN PIPE	46.880	46.807 46.617
DEPTH OF INVERT BELOW FSL	1.332	1.356 2.092
INVERT LEVEL	46.795 46.795	46.750 46.727 46.091 45.986
FINISHED (& EXISTING) SURFACE LEVEL	48.113 48.091 (47.094)	48.001 47.980 (47.094)
CHAINAGE	0.000	4.816

LINE 533

STRUCTURE NAME	5/522	4/522	3/522	2/522	1/522	15/501
STRUCTURE DESCRIPTION	PIPE END SAND BAG AND SEAL	IPWEA MANHOLE 1050mm DIA	IPWEA MANHOLE 1050mm DIA	IPWEA MANHOLE 1050mm DIA	IPWEA MANHOLE 1200mm DIA	IPWEA MANHOLE 1200mm DIA



PIPE SIZE (mm)	375	375	375	450	525
PIPE CLASS	2	2	2	2	2
PIPE GRADE (%)	5.319 5.28%	5.934 5.06%	4.799 4.81%	3.090 3.00%	1.982 1.50%
PIPE SLOPE (1 in X)	83.3 18.9	16.8 16.852	20.8 20.838	32.3 32.361	66.7 50.455
FULL PIPE VELOCITY (m/s)	0.29	0.68	1.64	1.81	1.91
PART FULL VELOCITY (m/s)	2.17	2.92	3.43	3.26	2.69
PIPE FLOW (cumecs)	0.032	0.076	0.181	0.287	0.414
PIPE CAPACITY AT GRADE (cumecs)	0.403	0.428	0.385	0.502	0.527
DATUM RL	36.0				

WSE IN STRUCTURE	59.137	56.011	51.827	48.907	46.915	46.727
HGL IN PIPE	59.108	56.011 55.997	51.827 51.763	48.907 48.863	46.915 46.830	46.727 46.617
DEPTH OF INVERT BELOW FSL	1.353	1.393 1.413	1.373 1.393	1.472 1.547	1.508 1.583	1.843 2.092
INVERT LEVEL	48.991 48.991	55.834 55.816 55.796 55.755	51.494 51.472 51.452 51.444	48.597 48.567 48.488 48.459	48.484 48.472 46.414 46.246	46.250 46.001 45.986
FINISHED (& EXISTING) SURFACE LEVEL	60.083 59.922 (59.022)	57.218 57.210 (54.759)	52.836 52.895 (50.531)	50.031 50.055 (47.788)	48.001 47.999 (47.207)	48.093 48.093 (47.094)
CHAINAGE	0.000	59.920	72.601	60.084	192.605	257.761

LINE 522

FOR CONSTRUCTION

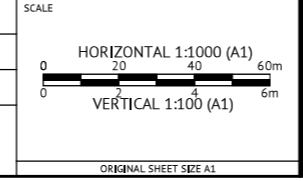
15/07/2022	C	AMENDED FINISHED SURFACE LEVELS ON LONG SECTIONS, AMENDED LINE 531, REMOVED LINE 542	KK	PB
07/04/2022	B	ISSUED FOR CONSTRUCTION	KK	PB
26/11/2021	A	ORIGINAL ISSUE	KK	PB
12/11/2021	3	90% REVIEW ISSUE	KK	PB
05/11/2021	2	DESIGN UPDATED	VKH	PB
28/10/2021	1	PRELIMINARY ISSUE	VKH	PB
DATE	REV	DESCRIPTION	REC	APP

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CHECKED	ANDREW LANGDON
PROJECT MANAGER	SIMON STEINHOFFER
PROJECT DIRECTOR	PATRICK BRADY



CLIENT	MIRVAC QLD PTY LTD
PROJECT	EVERLEIGH PRECINCT 9.4 SUBDIVISION DEVELOPMENT
LOCATION	TEVIOT ROAD, GREENBANK
SHEET TITLE	STORMWATER DRAINAGE LONG SECTIONS - SHEET 3

JOB CODE	MIR-0904
SHEET NUMBER	C412
REV	C

STRUCTURE NAME	1/585	4/549
STRUCTURE DESCRIPTION	IPWEA KERB INLET (SAG) L.I.L.: 2.4m Lintel	IPWEA MANHOLE 1050mm DIA

PIPE SIZE (mm)	375
PIPE CLASS	2
PIPE GRADE (%)	1.04%
PIPE SLOPE (1 in X)	95.9
FULL PIPE VELOCITY (m/s)	0.44
PART FULL VELOCITY (m/s)	1.38
PIPE FLOW (cumecs)	0.049
PIPE CAPACITY AT GRADE (cumecs)	0.179
DATUM RL	31.0
WSE IN STRUCTURE	48.146
HGL IN PIPE	48.048
DEPTH OF INVERT BELOW FSL	1.136
INVERT LEVEL	47.888
FINISHED (& EXISTING) SURFACE LEVEL	49.024 (47.032)
CHAINAGE	0.000 4.091

CONSTRUCT MANHOLE OVER EXISTING PIPE END

STRUCTURE NAME	1/592	2/592	1/565
STRUCTURE DESCRIPTION	IPWEA FIELD INLET - 600x600 TYPE 2 ON 1050mm DIA MANHOLE	IPWEA FIELD INLET - 600x600 TYPE 2 ON 1050mm DIA MANHOLE	IPWEA KERB INLET L.I.L.: 2.4m Lintel ON 1050mm DIA MANHOLE

PIPE SIZE (mm)	225	225
PIPE CLASS	2	2
PIPE GRADE (%)	5.72%	1.00%
PIPE SLOPE (1 in X)	17.5	99.8
FULL PIPE VELOCITY (m/s)	0.26	0.55
PART FULL VELOCITY (m/s)	1.70	1.12
PIPE FLOW (cumecs)	0.010	0.022
PIPE CAPACITY AT GRADE (cumecs)	0.107	0.045
DATUM RL	52.0	
WSE IN STRUCTURE	68.515	66.305
HGL IN PIPE	68.491	66.260
DEPTH OF INVERT BELOW FSL	1.692	3.386
INVERT LEVEL	68.408	66.114
FINISHED (& EXISTING) SURFACE LEVEL	70.100 (71.538)	69.500 (70.233)
CHAINAGE	0.000 15.543	5.866

STRUCTURE NAME	10/501	11/501	12/501	13/501
STRUCTURE DESCRIPTION	PIPE END SAND BAG AND SEAL	IPWEA MANHOLE 1200mm DIA	IPWEA MANHOLE 1200mm DIA	PIPE END SAND BAG AND SEAL

PIPE SIZE (mm)	450	525	525
PIPE CLASS	2	2	2
PIPE GRADE (%)	2.84%	1.00%	3.10%
PIPE SLOPE (1 in X)	35.2	100.0	32.3
FULL PIPE VELOCITY (m/s)	3.11	2.61	2.60
PART FULL VELOCITY (m/s)	3.44	2.61	3.83
PIPE FLOW (cumecs)	0.495	0.564	0.563
PIPE CAPACITY AT GRADE (cumecs)	0.481	0.430	0.758
DATUM RL	33.0		
WSE IN STRUCTURE	50.264	50.026	49.769
HGL IN PIPE	50.264	49.886	49.748
DEPTH OF INVERT BELOW FSL	1.393	1.515	1.811
INVERT LEVEL	49.202	48.903	48.803
FINISHED (& EXISTING) SURFACE LEVEL	50.995 (49.843)	50.494 (49.496)	50.614 (49.281)
CHAINAGE	0.000 7.900	8.025	15.925 15.829

STRUCTURE NAME	4/501	5/501	6/501	8/501	7/501
STRUCTURE DESCRIPTION	PIPE END SAND BAG AND SEAL	IPWEA KERB INLET (SAG) L.I.L.: 2.4m Lintel ON 1050mm DIA MANHOLE	IPWEA MANHOLE 1200mm DIA	PIPE END SAND BAG AND SEAL	PIPE END SAND BAG AND SEAL

PIPE SIZE (mm)	375	375	375
PIPE CLASS	2	2	2
PIPE GRADE (%)	6.692	1.042	3.000
PIPE SLOPE (1 in X)	6.708	4.008	3.008
FULL PIPE VELOCITY (m/s)	4.49	1.000	3.32
PART FULL VELOCITY (m/s)	14.943	95.972	33.336
PIPE FLOW (cumecs)	1.16	1.75	2.50
PIPE CAPACITY AT GRADE (cumecs)	0.128	0.193	0.276
DATUM RL	0.454	0.175	0.304
WSE IN STRUCTURE	56.709	56.329	55.966
HGL IN PIPE	56.709	56.321	55.958
DEPTH OF INVERT BELOW FSL	1.422	1.745	2.021
INVERT LEVEL	55.463	55.399	55.316
FINISHED (& EXISTING) SURFACE LEVEL	57.532 (55.296)	57.118 (55.486)	57.344 (55.302)
CHAINAGE	0.000 15.385	9.139 24.524	20.250 44.774

PIPE END SAND BAG AND SEAL

STRUCTURE NAME	1/511	6/501
STRUCTURE DESCRIPTION	FUTURE IPWEA KERB INLET L.I.L.: 2.4m Lintel	IPWEA MANHOLE 1200mm DIA

PIPE SIZE (mm)	375
PIPE CLASS	2
PIPE GRADE (%)	0.886
PIPE SLOPE (1 in X)	1.008
FULL PIPE VELOCITY (m/s)	0.30
PART FULL VELOCITY (m/s)	1.12 3.42
PIPE FLOW (cumecs)	0.47
PIPE CAPACITY AT GRADE (cumecs)	0.052
DATUM RL	39.0
WSE IN STRUCTURE	56.105
HGL IN PIPE	56.043
DEPTH OF INVERT BELOW FSL	1.450
INVERT LEVEL	55.893
FINISHED (& EXISTING) SURFACE LEVEL	57.344 (54.084)
CHAINAGE	0.000 18.956

STRUCTURE NAME	1/512	6/501
STRUCTURE DESCRIPTION	IPWEA KERB INLET (SAG) L.I.L.: 2.4m Lintel	IPWEA MANHOLE 1200mm DIA

PIPE SIZE (mm)	375
PIPE CLASS	2
PIPE GRADE (%)	1.228
PIPE SLOPE (1 in X)	1.008
FULL PIPE VELOCITY (m/s)	0.30
PART FULL VELOCITY (m/s)	8.14 2.6
PIPE FLOW (cumecs)	0.47
PIPE CAPACITY AT GRADE (cumecs)	0.033
DATUM RL	39.0
WSE IN STRUCTURE	56.009
HGL IN PIPE	55.965
DEPTH OF INVERT BELOW FSL	1.348
INVERT LEVEL	55.843
FINISHED (& EXISTING) SURFACE LEVEL	57.344 (54.876)
CHAINAGE	0.000 8.453

STRUCTURE NAME	1/519	11/501
STRUCTURE DESCRIPTION	IPWEA KERB INLET (SAG) L.I.L.: 2.4m Lintel	IPWEA MANHOLE 1200mm DIA

PIPE SIZE (mm)	375
PIPE CLASS	2
PIPE GRADE (%)	0.997
PIPE SLOPE (1 in X)	1.008
FULL PIPE VELOCITY (m/s)	0.30
PART FULL VELOCITY (m/s)	10.281
PIPE FLOW (cumecs)	0.35
PIPE CAPACITY AT GRADE (cumecs)	0.038
DATUM RL	33.0
WSE IN STRUCTURE	50.060
HGL IN PIPE	50.028
DEPTH OF INVERT BELOW FSL	1.316
INVERT LEVEL	49.142
FINISHED (& EXISTING) SURFACE LEVEL	50.473 (49.554)
CHAINAGE	0.000 5.063

STRUCTURE NAME	1/520	11/501
STRUCTURE DESCRIPTION	IPWEA KERB INLET (SAG) L.I.L.: 2.4m Lintel	IPWEA MANHOLE 1200mm DIA

PIPE SIZE (mm)	375
PIPE CLASS	2
PIPE GRADE (%)	1.083
PIPE SLOPE (1 in X)	1.008
FULL PIPE VELOCITY (m/s)	0.30
PART FULL VELOCITY (m/s)	9.2 3.23
PIPE FLOW (cumecs)	0.31
PIPE CAPACITY AT GRADE (cumecs)	0.034
DATUM RL	33.0
WSE IN STRUCTURE	50.052
HGL IN PIPE	50.027
DEPTH OF INVERT BELOW FSL	1.316
INVERT LEVEL	49.143
FINISHED (& EXISTING) SURFACE LEVEL	50.473 (49.558)
CHAINAGE	0.000 2.469

FOR CONSTRUCTION

13/01/2022	B	AMENDED MANHOLE DESCRIPTION	KK	PB
15/10/2021	A	ORIGINAL ISSUE	YKH	PB
DATE	REV	DESCRIPTION	REC	APP

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CHECKED
R BARGER
PROJECT MANAGER
S STEINHOFER
PROJECT DIRECTOR
PATRICK BRADY
RPEQ 7112

SCALE
HORIZONTAL 1:1000 (A1)
VERTICAL 1:100 (A1)
ORIGINAL SHEET SIZE A1

CLIENT
MIRVAC QLD PTY LTD
PROJECT
EVERLEIGH PRECINCT 9.3A, B, C, D, E SUBDIVISION DEVELOPMENT
LOCATION
TEVIOT ROAD, GREENBANK
SHEET TITLE
STORMWATER DRAINAGE LONG SECTIONS - SHEET 4 OF 5

JOB CODE
MIR009-03
SHEET NUMBER
C413
REV
B