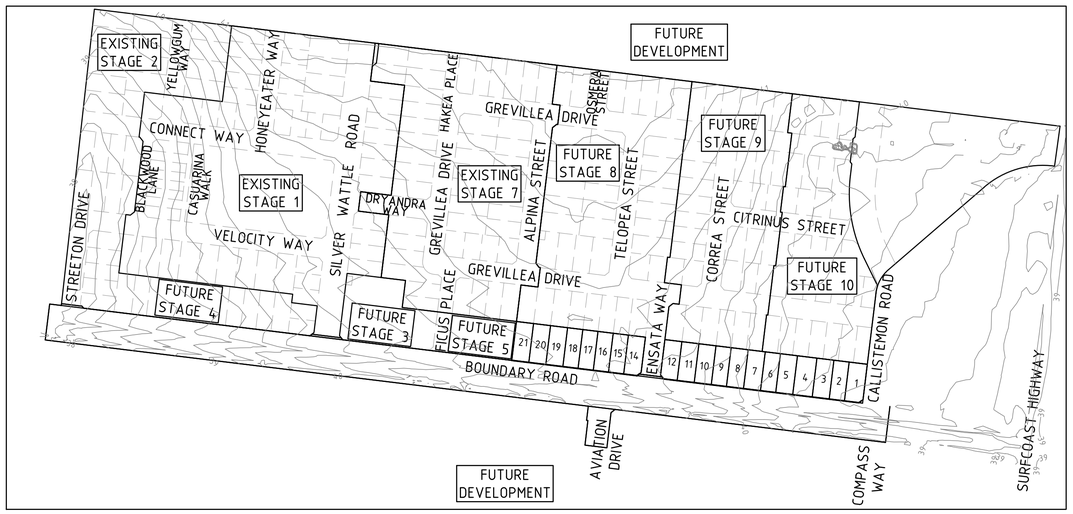
341 BOUNDARY ROAD, MT DUNEED

STAGE 6

CITY OF GREATER GEELONG



LOCALITY PLAN

MELWAYS REF: **465 F10**

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16-001655.6-C 02	Layout Plan - 1
16-001655.6-C 03	Layout Plan - 2
16-001655.6-C 04	Layout Plan - 3
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16-001655.6-C 19	Drainage Longitudinal Sections - 2 & Pit Schedule
16-001655.6-C 19A	Drainage Longitudinal Sections - 3
16-001655.6-C 20	General Notes & Details
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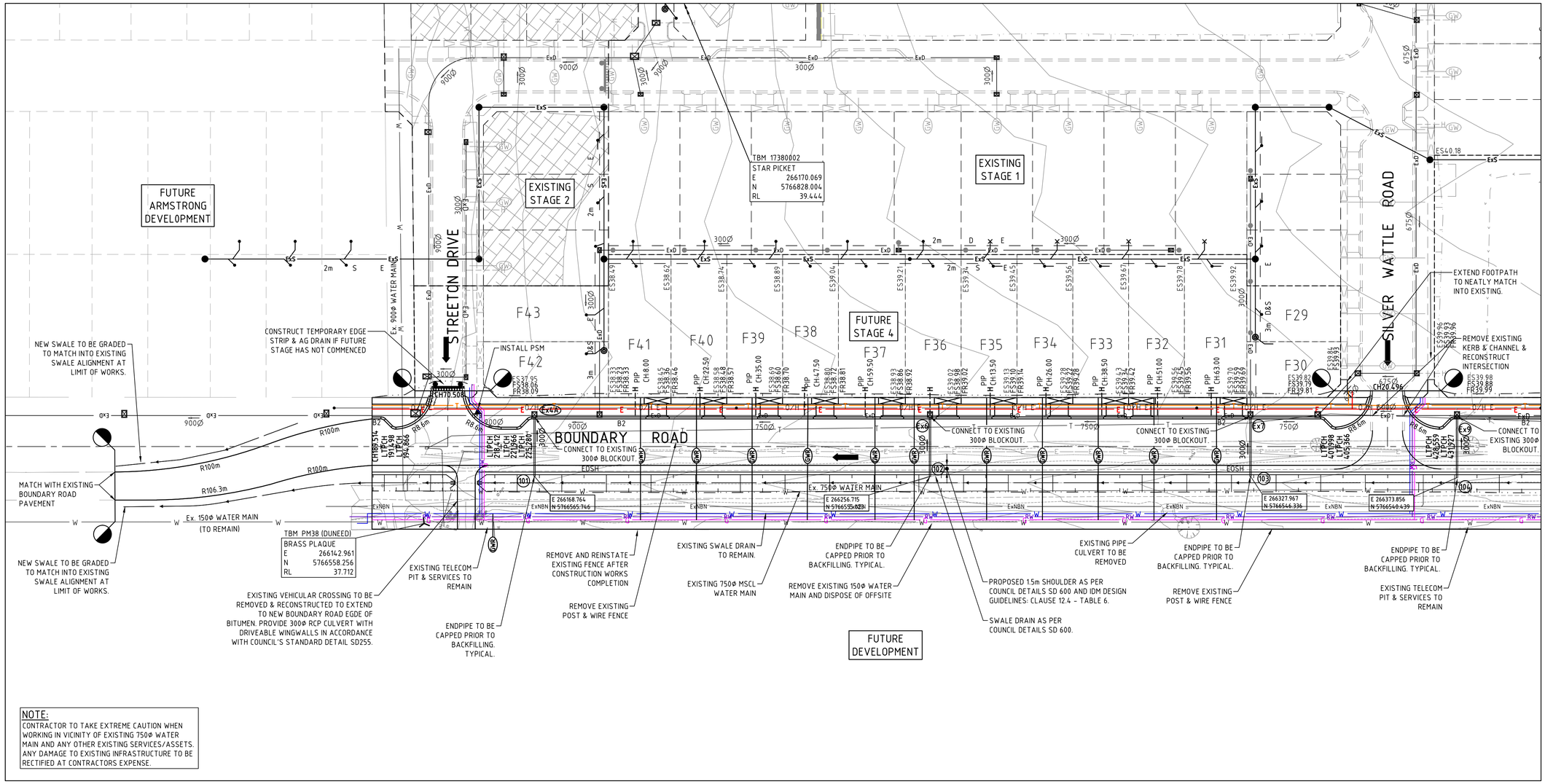
16-001655.6-C 21	Signage & Linemarking Plan
16-001655.6-C 22	Subdivision Setout Plan

Principal

HOME LIVING ESTATE

calibre

Level 2, 55 Southbank Boulevard
Southbank VIC 3006
T 03 9203 9000



LEGEND - LAYOUT PLAN

- STORMWATER DRAIN, PIT & PROPERTY INLET
- SWALE DRAIN
- SEWER & MAINTENANCE STRUCTURES
- HOUSE DRAIN
- SERVICE CONDUITS
- TACTILE PAVERS
- Ex E — EXISTING ELECTRICITY (UNDERGROUND)
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- Ex RW — EXISTING RECYCLED WATER
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WARNING

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REFER TO SHEET C03 FOR CONTINUATION

N

NOTE:
CONTRACTOR TO TAKE EXTREME CAUTION WHEN WORKING IN VICINITY OF EXISTING 750Ø WATER MAIN AND ANY OTHER EXISTING SERVICES/ASSETS. ANY DAMAGE TO EXISTING INFRASTRUCTURE TO BE RECTIFIED AT CONTRACTORS EXPENSE.

DRAINAGE NOTE:
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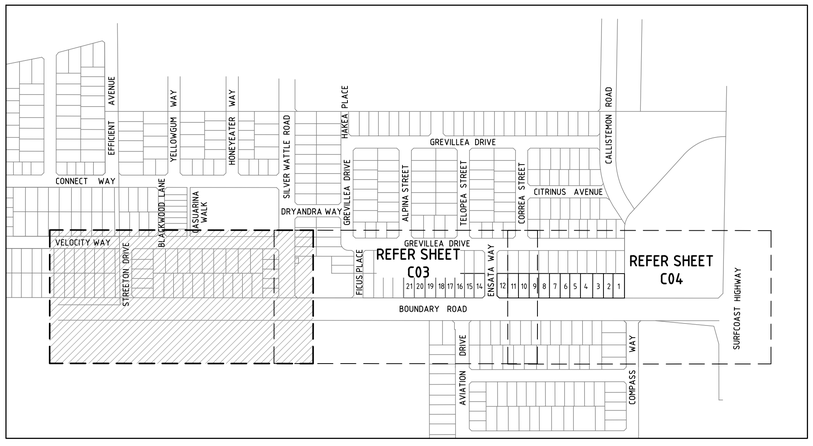
SEWER MAINTENANCE HOLE NOTE:
ALL MAINTENANCE HOLE LIDS MUST BE CONSTRUCTED FULLY WITHIN THE CONCRETE FOOTPATH. TYPICAL.

SERVICES OFFSET SCHEDULE

ROAD NAME	GAS		RECYCLED WATER		WATER		Ex DN750 WATER		TELSTRA		ELECTRICITY	
	SIDE	OFFSET (m)	SIDE	OFFSET (m)	SIDE	OFFSET (m)	SIDE	OFFSET (m)	SIDE	OFFSET (m)	SIDE	OFFSET (m)
BOUNDARY ROAD	SOUTH	2.10	SOUTH	2.80	SOUTH	3.50	SOUTH	8.40	NORTH	1.85	NORTH	2.80
SILVER WATTLE ROAD	EAST	2.10	EAST	2.60	EAST	3.15			WEST	1.85	WEST	2.60
STREETON DRIVE	EAST	2.10	EAST	2.60	EAST	3.10			WEST	1.85	WEST	2.60
ENSATA WAY	WEST	2.10	WEST	2.60	WEST	3.10			EAST	1.85	EAST	2.60
COMPASS WAY	WEST	1.7 (FUT)	WEST	2.1 (FUT)	WEST	2.6 (FUT)			EAST	1.85 (FUT)	EAST	2.60 (FUT)
CALLISTEMON ROAD	WEST	2.10	WEST	2.60	WEST	3.10			EAST	1.85	EAST	2.60
AVIATION DRIVE	EAST	2.10	EAST	2.60	EAST	3.10			WEST	1..85	WEST	3.95
					Ex. WEST	2.95						

ROAD LAYOUT TABLE

ROAD NAME	ROAD CLASSIFICATION	RESERVE WIDTH (m)	ROAD WIDTH (m)			KERB TYPE		VERGE WIDTH (m)	
			LIP to LIP	INV to INV	BACK to BACK	NTH/WEST	STH/EAST	NTH/WEST	STH/EAST
BOUNDARY ROAD (INTERIM)	CONNECTOR STREET	29.50	11.90	-	-	B2	-	4.35	12.80
BOUNDARY ROAD (ULTIMATE)	CONNECTOR STREET	29.50	12.40	13.00	13.30	B2	B2	4.35	11.85
SILVER WATTLE ROAD	ACCESS STREET	21.00	11.30	11.90	12.20	B2	B2	4.40	4.40
STREETON DRIVE	ACCESS STREET	VARIES	6.70	7.30	7.60	B2	B2	VARIES	4.20
ENSATA WAY	ACCESS STREET	16.00	6.70	7.30	7.60	B2	B2	4.20	4.20
COMPASS WAY	ACCESS STREET	16.00	6.70	7.30	7.60	B2	B2	4.20	4.20
CALLISTEMON ROAD	ACCESS STREET	21.00	11.30	11.90	12.20	B2	B2	4.40	4.40
AVIATION DRIVE	ACCESS STREET	18.00	6.70	7.30	7.60	B2	B2	5.20	5.20



KEY PLAN
SCALE: 1:4000

REVISION	DATE	ISSUE DETAILS	DESIGN	DRAWN	CHECK
4	28/05/20	LOT F32 CROSSOVER CHANGED & EXISTING CROSSOVER NOTE	G.M	G.M	J.C
3	18/03/20	COMPASS WAY ADDED TO ROAD LAYOUT & SERVICES OFFSET TABLES	G.A	G.A	J.C
2	04/03/20	VEHICLE CROSSING AT WEST LIMIT OF WORKS REMOVED	G.A	G.A	J.C
1	10/02/20	ROAD LAYOUT AND SOS AMENDED	R.K	R.K	J.C
0	09/08/19	ISSUED FOR CONSTRUCTION	G.M	G.M	J.C
C	05/08/19	COUNCIL AMENDMENTS DATED 01/08/19	G.M	G.M	J.C
B	09/07/19	COUNCIL AMENDMENTS DATED 08/05/19	G.M	G.M	L.M
A	22/02/19	ISSUED FOR APPROVAL	G.A	G.A	M.R

STATUS: **ISSUED FOR CONSTRUCTION**

SCALE @ A1: 1:500 (10 5 0 10 20) A1; 1:1000 A3

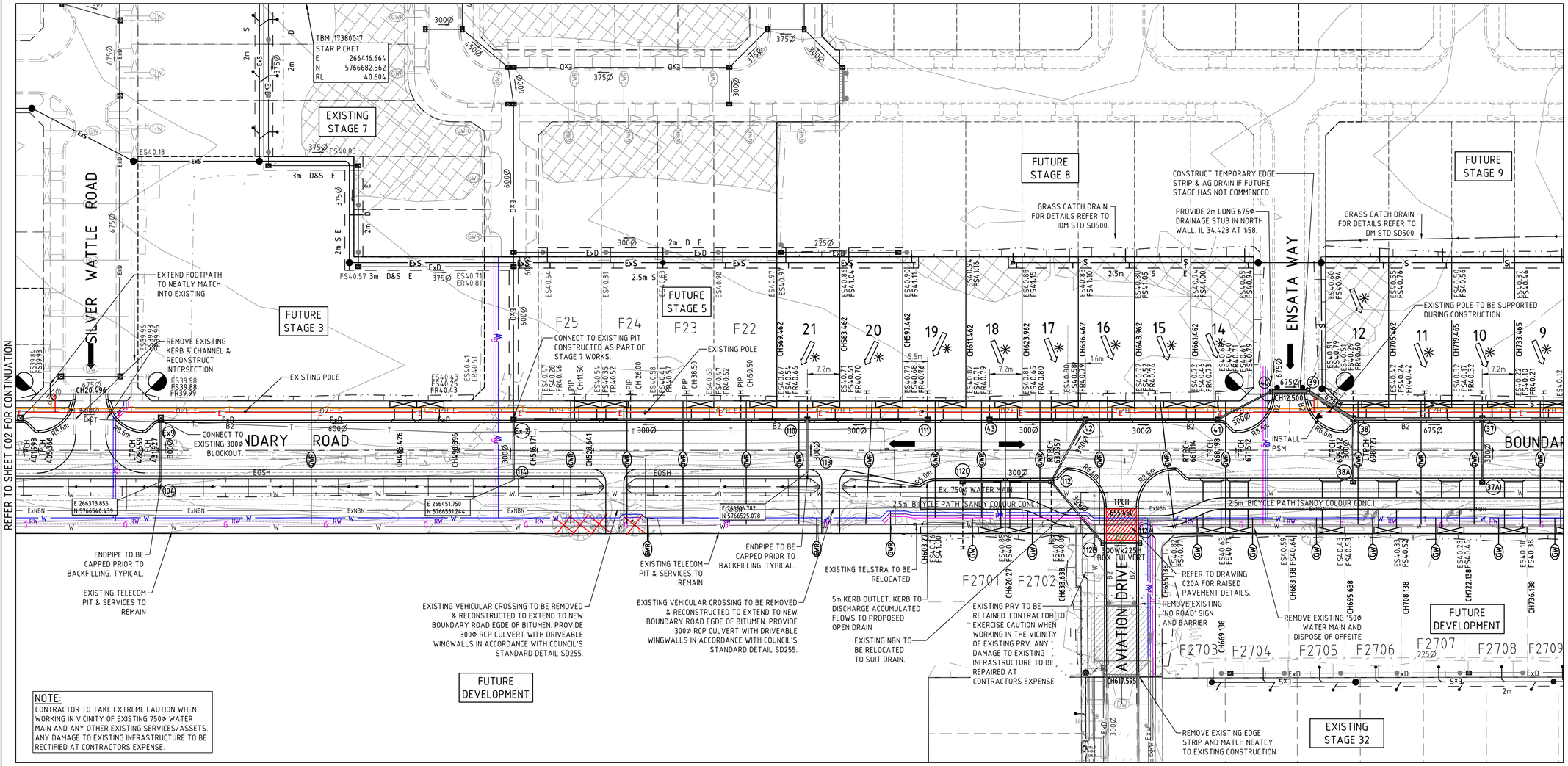
CLIENT: HOME LIVING ESTATE

calibre

PROJECT: **341 BOUNDARY ROAD MT DUNEED STAGE 6**

DRAWING TITLE: **LAYOUT PLAN - 1**

PROJECT No.	DRAWING No.	REVISION
16 - 001655.6	C02	4



LEGEND - LAYOUT PLAN

- STORMWATER DRAIN, PIT & PROPERTY INLET
- SWALE DRAIN
- SEWER & MAINTENANCE STRUCTURES
- HOUSE DRAIN
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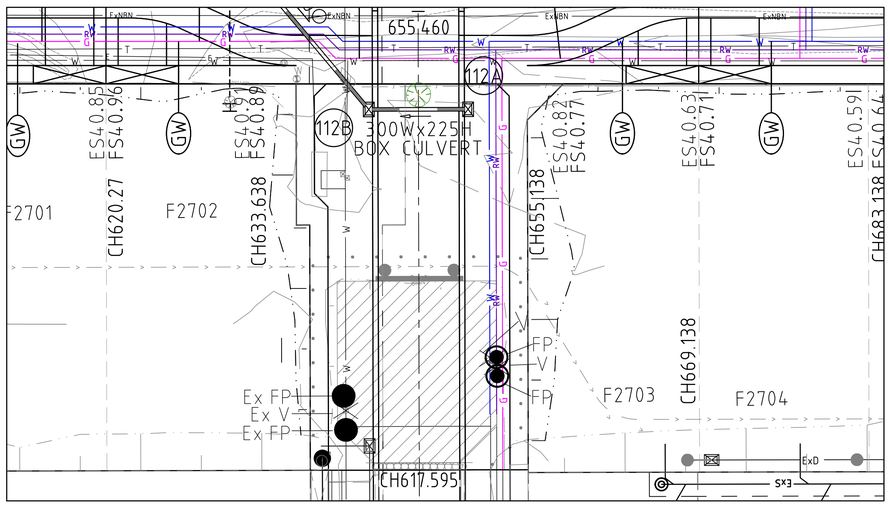
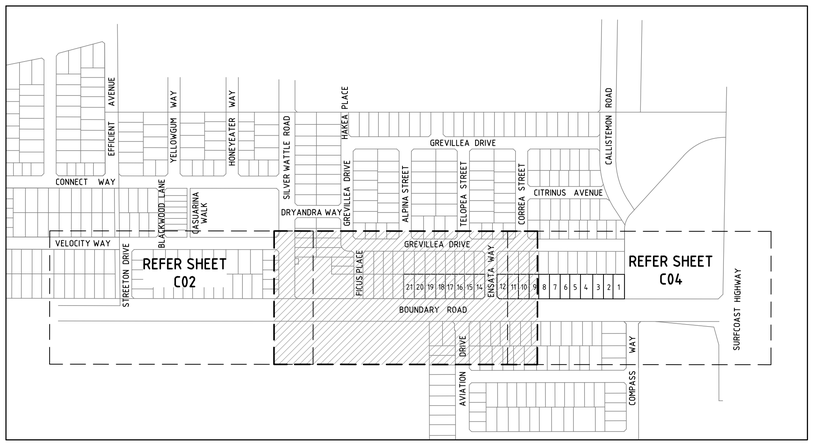


AVIATION DRIVE

SCALE: 1:250



KEY PLAN

SCALE: 1:4000

REVISION	DATE	ISSUE DETAILS	DESIGN	DRAWN	CHECK
4	28/05/20	AVIATION DR RAISED PAVEMENT, BICYCLE PATH & EXISTING CROSSOVER NOTE	G.M	G.M	J.C
3	10/02/20	AVIATION DRV AND SOUTHERN KERB ADDED	R.K	R.K	J.C
2	28/01/20	CATCH DRAIN REMOVED, FILL BATTER ADDED	R.K	R.K	J.C
1	14/1219	DRAIN EX.22 TO 43 AMENDED	R.K	R.K	J.C
0	09/08/19	ISSUED FOR CONSTRUCTION	G.M	G.M	J.C
C	05/08/19	COUNCIL AMENDMENTS DATED 01/08/19	G.M	G.M	J.C
B	09/07/19	COUNCIL AMENDMENTS DATED 08/05/19	G.M	G.M	L.M
A	22/02/19	ISSUED FOR APPROVAL	G.A	G.A	M.R

STATUS: **ISSUED FOR CONSTRUCTION**

SCALE @ A1: 1:500 (10 5 0 10 20) A1; 1:1000 A3

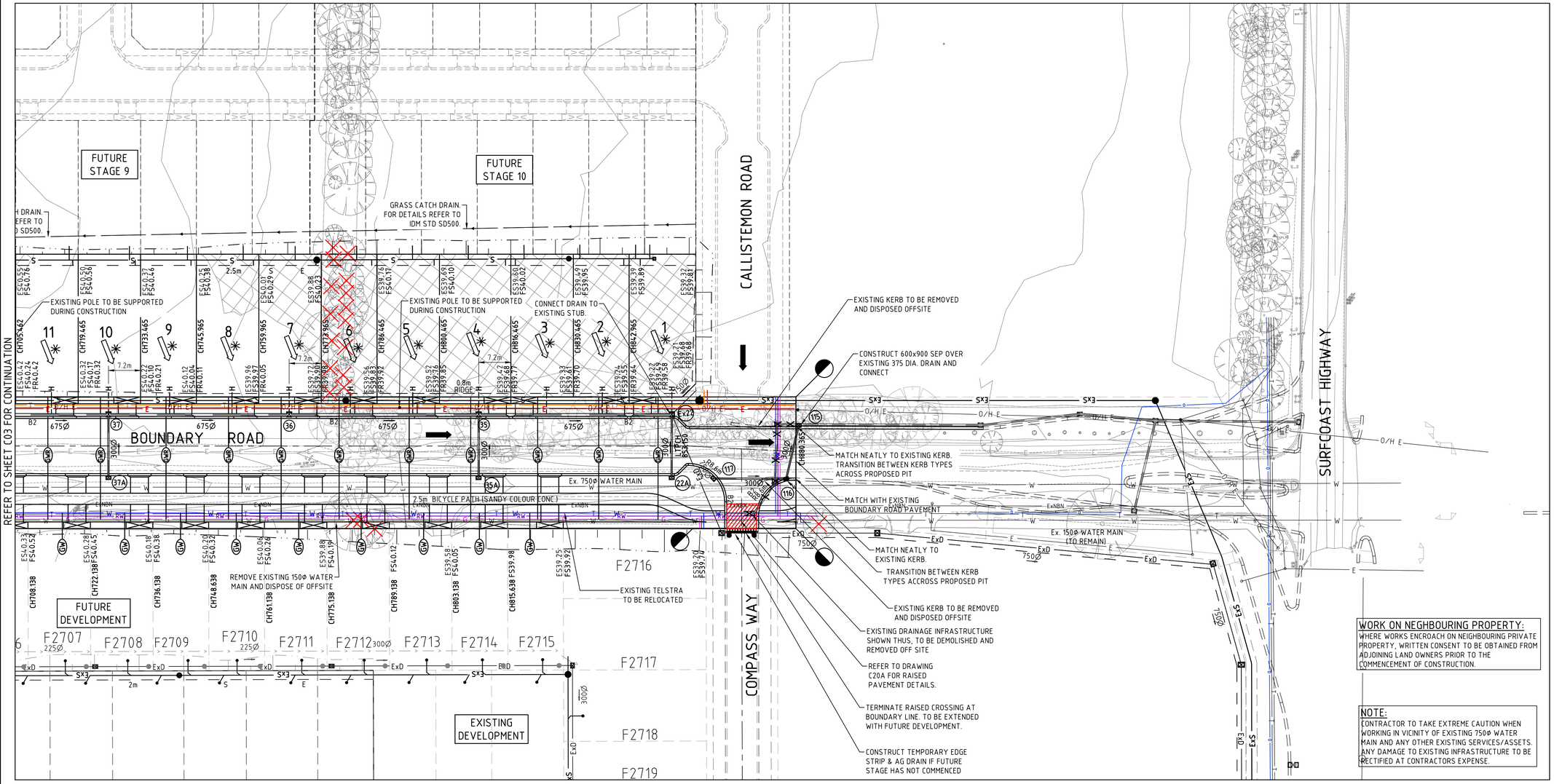
CLIENT: **HOME LIVING ESTATE**

calibre

PROJECT: **341 BOUNDARY ROAD MT DUNEED STAGE 6**

DRAWING TITLE: **LAYOUT PLAN - 2**

PROJECT No.	DRAWING No.	REVISION
16 - 001655.6	C03	4



LEGEND - LAYOUT PLAN

- STORMWATER DRAIN, PIT & PROPERTY INLET
- SWALE DRAIN
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- HOUSE DRAIN
- SERVICE CONDUITS
- TACTILE PAVERS
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- EXISTING ELECTRICITY (OVERHEAD)
- EXISTING GAS
- EXISTING OPTIC FIBRE
- EXISTING TELSTRA
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N

WORK ON NEGHBOURING PROPERTY:

WHERE WORKS ENCROACH ON NEIGHBOURING PRIVATE PROPERTY, WRITTEN CONSENT TO BE OBTAINED FROM ADJOINING LAND OWNERS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.

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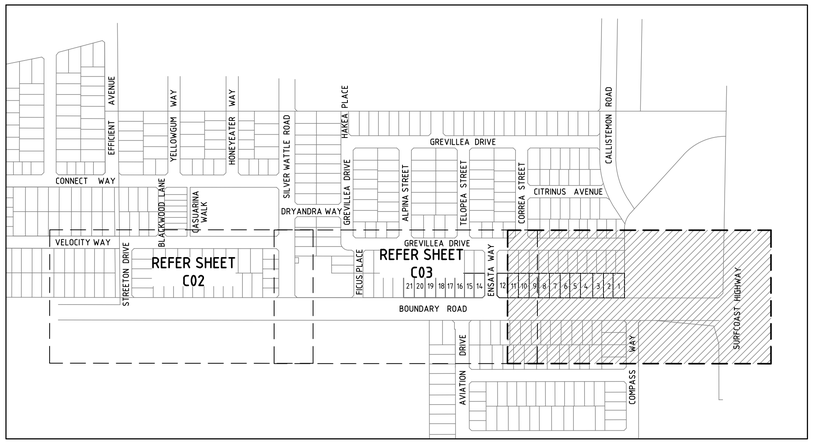


KEY PLAN

SCALE: 1:4000

REVISION	DATE	ISSUE DETAILS	DESIGN	DRAWN	CHECK
7	18/06/20	PIT 116 UPDATE	G.M	G.M	J.C
6	16/06/20	PIT 116 UPDATE	G.M	G.M	J.C
5	28/05/20	COMPASS WAY RAISED PAVEMENT AND BICYCLE PATH ALIGNMENT	G.M	G.M	J.C
4	18/03/20	CALLISTEMON RD INTERSECTION REMOVED & COMPASS WAY INTERSECTION ADDED	G.A	G.A	J.C
3	10/02/20	SOUTHERN KERB ADDED	R.K	R.K	J.C
2	28/01/20	CATCH DRAIN REMOVED, FILL BATTER ADDED, NRS RELOCATED	R.K	R.K	J.C
1	14/12/19	DRAIN EX.22 TO 43 AMENDED, MATCH LOCATION AMENDED	R.K	R.K	J.C
0	09/08/19	ISSUED FOR CONSTRUCTION	G.M	G.M	J.C
C	05/08/19	COUNCIL AMENDMENTS DATED 01/08/19	G.M	G.M	J.C
B	09/07/19	COUNCIL AMENDMENTS DATED 08/05/19	G.M	G.M	L.M
A	22/02/19	ISSUED FOR APPROVAL	G.A	G.A	M.R

STATUS

ISSUED FOR CONSTRUCTION

SCALE @ A1

1:500 10 5 0 10 20 A1

1:1000 A3

CLIENT

HOME LIVING ESTATE

calibre

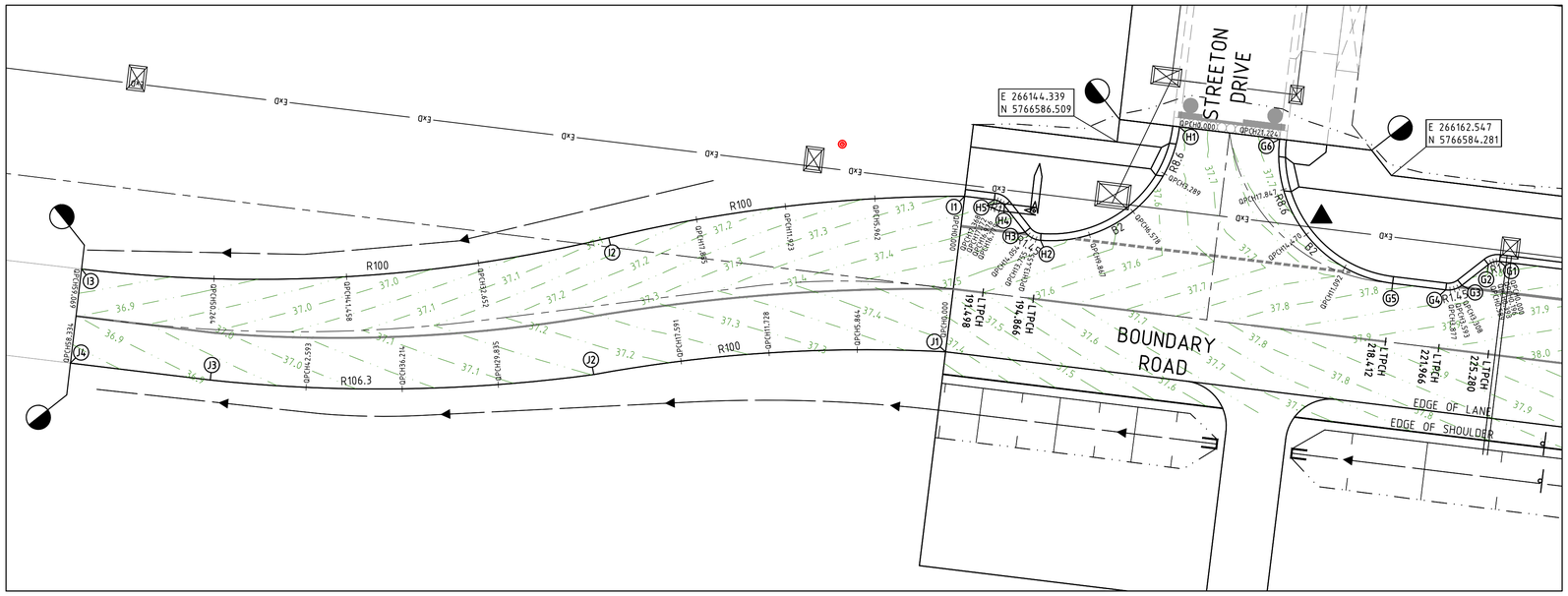
PROJECT

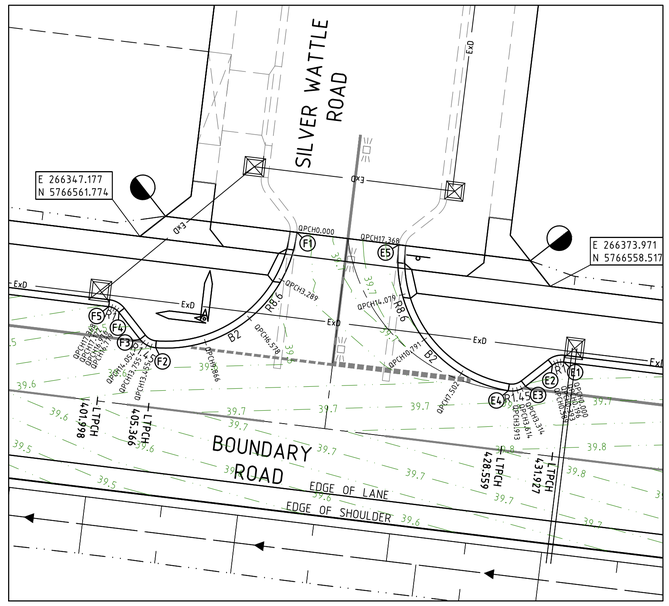
341 BOUNDARY ROAD
MT DUNEED
STAGE 6

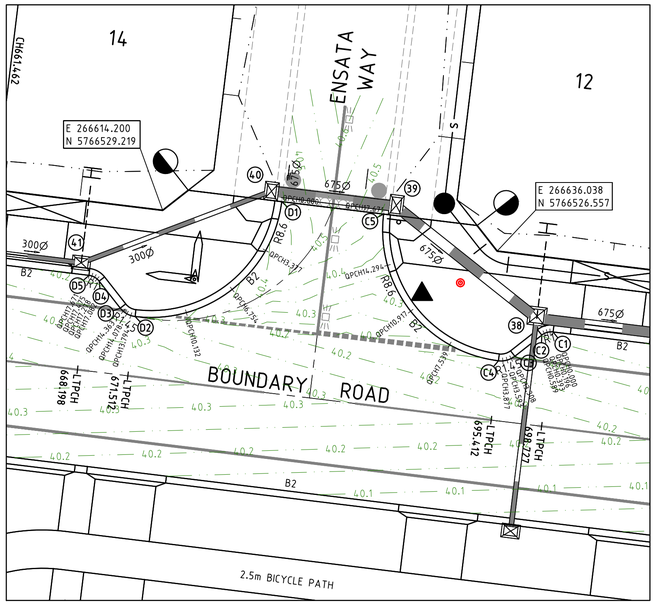
DRAWING TITLE

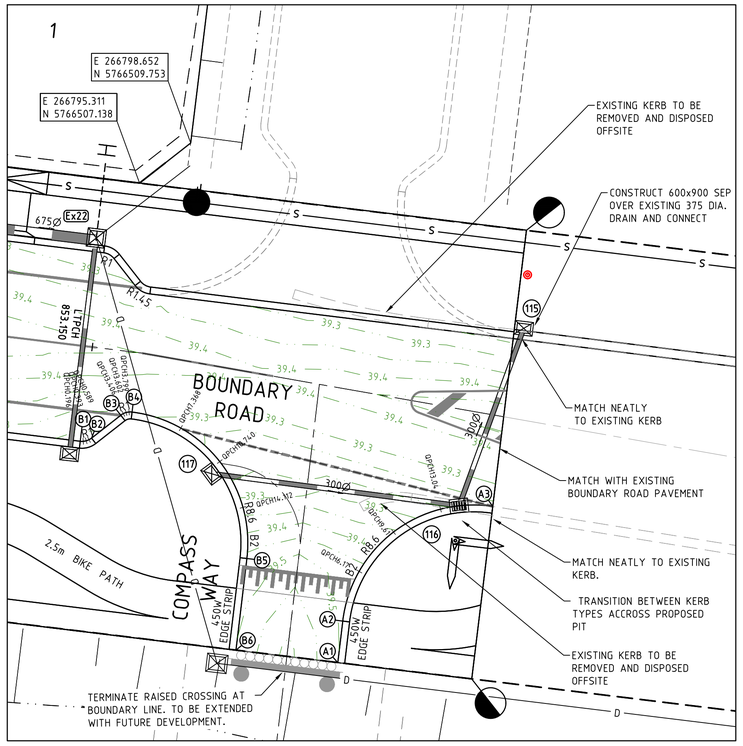
LAYOUT PLAN - 3

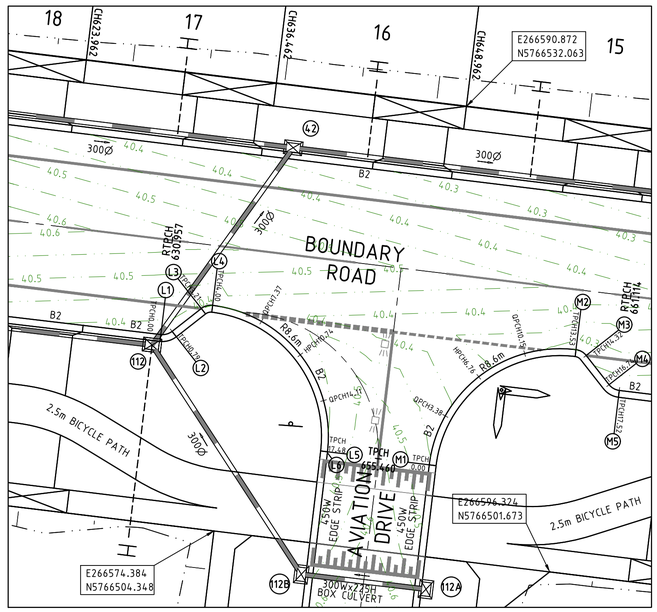
PROJECT No.	DRAWING No.	REVISION
16 - 001655.6	C04	7











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NOTES

1. REFER TO SHEET No's C06-C07 FOR LIP PROFILES.
2. REFER TO SHEET No C08 FOR SETOUT INFORMATION.
3. REFER TO SHEET No C20 FOR SIGNAGE & LINEMARKING PLAN.

REVISION	DATE	ISSUE DETAILS	DESIGN	DRAWN	CHECK
8	18/06/20	PIT 116 UPDATE	G.M	G.M	J.C
7	16/06/20	PIT 116 UPDATE	G.M	G.M	J.C
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3	10/02/20	SOUTHERN KERB AND AVIATION DRV ADDED	R.K	R.K	J.C
2	28/01/20	NRS RELOCATED	R.K	R.K	J.C
1	14/12/19	DRAIN EX.22 TO 43 AMENDED, MATCH LOCATION AMENDED	R.K	R.K	J.C
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A	22/02/19	ISSUED FOR APPROVAL	G.A	G.A	M.R

STATUS

ISSUED FOR CONSTRUCTION

SCALE

1:200 2 0 2 4 6 8 10 A1
1:400 A3

CLIENT

HOME LIVING ESTATE

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PROJECT

341 BOUNDARY ROAD
MT DUNEED
STAGE 6

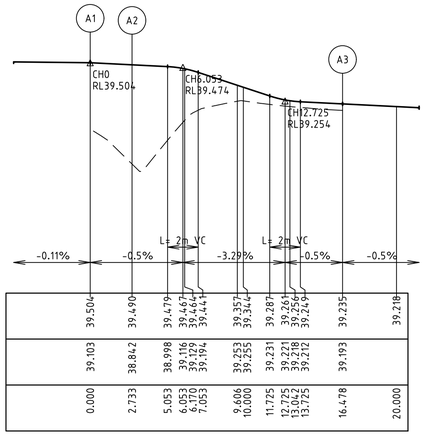
DRAWING TITLE

INTERSECTION DETAIL PLAN

PROJECT No.	DRAWING No.	REVISION
16 - 001655.6	C05	8

LEGEND

- EXISTING SURFACE
- DESIGN LINE



VERTICAL GEOMETRY

DATUM RL38

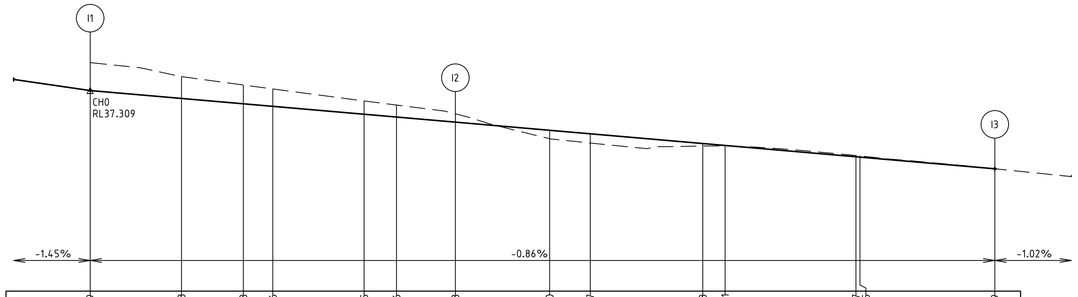
| | | |

LEGEND

- EXISTING SURFACE
- DESIGN LINE

NOTES

1. CHAINAGES REFER TO LIP OF KERB/EDGE OF CONCRETE.
2. REFER TO SHEET NUMBER C08 FOR SETOUT INFORMATION.

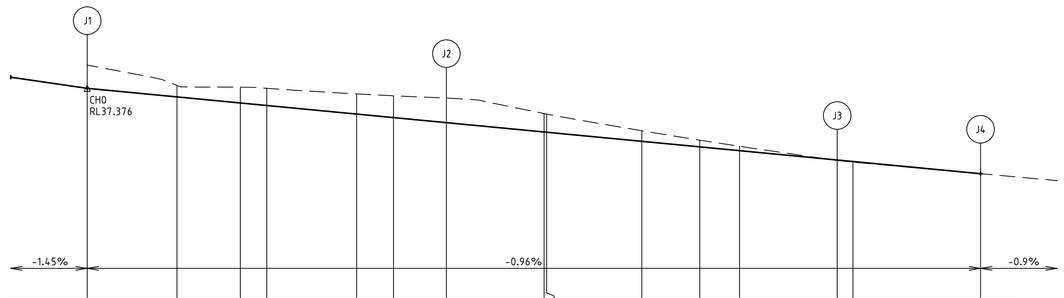


VERTICAL GEOMETRY

DATUM RL36

DESIGN LEVEL	37.309	37.258	37.223	37.206	37.155	37.136	37.103	37.050	37.027	36.963	36.951	36.877 36.875	36.799
EXISTING SURFACE	37.492	37.400	37.345	37.320	37.242	37.215		36.995	36.967	36.947	36.948	36.885 36.883	36.799
CHAINAGE	0.000	5.962	10.000	11.923	17.885	20.000	23.846	30.000	32.652	40.000	41.458	50.000 50.264	59.069

TEMPORARY EDGE OF SEAL LINE I

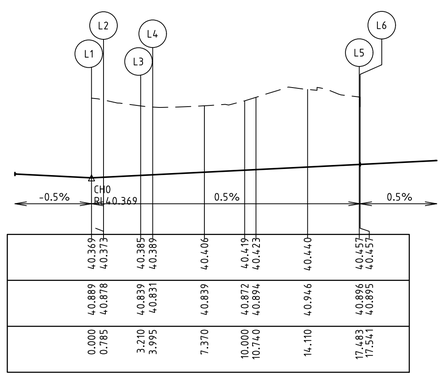


VERTICAL GEOMETRY

DATUM RL36

DESIGN LEVEL	37.376	37.319	37.280	37.263	37.207	37.184	37.151	37.090 37.089	37.030	36.993	36.969	36.908	36.898	36.818
EXISTING SURFACE	37.527	37.395	37.383	37.375	37.339	37.327	37.312	37.211 37.207	37.098	37.037	36.997	36.905	36.894	36.818
CHAINAGE	0.000	5.864	10.000	11.728	17.591	20.000	23.455	29.835 30.000	36.214	40.000	42.593	48.973 50.000	58.334

TEMPORARY EDGE OF SEAL LINE J

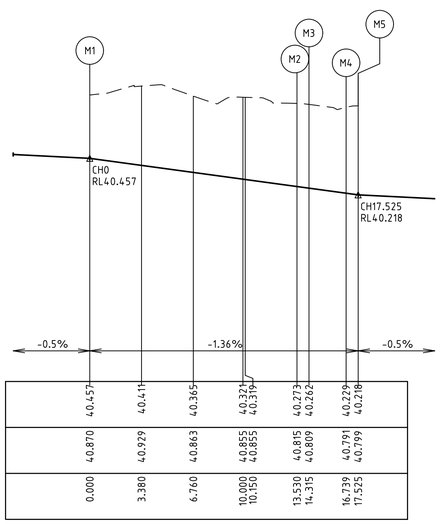


VERTICAL GEOMETRY

DATUM RL40

DESIGN LEVEL	40.369 40.373	40.385 40.389	40.406	40.419 40.423	40.440	40.457 40.457	
EXISTING SURFACE	40.889 40.878	40.839 40.831	40.839	40.872 40.894	40.946	40.896 40.895	
CHAINAGE	0.000 0.785	3.210 3.995	7.370	10.000 10.740	14.110	17.483 17.541	

LIP LINE L



VERTICAL GEOMETRY

DATUM RL39

DESIGN LEVEL	40.457	40.411	40.365	40.274 40.319	40.273 40.262	40.229 40.218	
EXISTING SURFACE	40.870	40.929	40.863	40.855 40.855	40.815 40.809	40.791 40.799	
CHAINAGE	0.000	3.380	6.760	10.000 10.350	13.530 14.315	16.739 17.525	

LIP LINE M

REVISION	DATE	ISSUE DETAILS	DESIGN	DRAWN	CHECK
3	18/03/20	KERB K REMOVED	G.A	G.A	J.C
2	10/02/20	KERB K, L AND M ADDED	R.K	R.K	J.C
1	17/12/19	LIP LINES L AND K REMOVED	R.K	R.K	J.C
0	09/08/19	ISSUED FOR CONSTRUCTION	G.M	G.M	J.C
B	09/07/19	COUNCIL AMENDMENTS DATED 08/05/19	G.M	G.M	L.M
A	22/02/19	ISSUED FOR APPROVAL	G.A	G.A	M.R

STATUS

ISSUED FOR CONSTRUCTION

SCALE @ A1

1:200 2 0 2 4 6 8 10 A1
1:400 A3
HORIZONTAL

1:20 0.2 0 0.2 0.4 0.6 0.8 1 A1
1:40 A3
VERTICAL

CLIENT

HOME LIVING ESTATE

calibre

PROJECT

341 BOUNDARY ROAD
MT DUNEED
STAGE 6

DRAWING TITLE

LIP PROFILES - 2

PROJECT No.	DRAWING No.	REVISION
16 - 001655.6	C07	3

ALIGNMENT A

Point no	Easting	Northing	RL
A1	266808.258	5766475.831	39.504
A2	266808.583	5766478.545	39.490
A3	266818.376	5766486.032	39.235

Curve no	l	Radius	Arc	A	B	X	Y	l	Mid point RL
A2 - A3	91.568	8.600	13.744	2.603	1.925	3.345	2.818	3.436	39.357

ALIGNMENT B

Point no	Easting	Northing	RL
B1	266791.441	5766490.283	39.259
B2	266792.178	5766490.488	39.272
B3	266794.087	5766491.982	39.312
B4	266794.825	5766492.188	39.316
B5	266802.323	5766482.630	39.463
B6	266801.607	5766476.642	39.504

Curve no	l	Radius	Arc	A	B	X	Y	l	Mid point RL
B1 - B2	45.008	1.000	0.785	0.076	0.057	0.195	0.188	0.196	39.265
B3 - B4	45.002	1.000	0.785	0.076	0.057	0.195	0.188	0.196	39.315
B4 - B5	89.871	8.600	13.489	2.512	1.859	3.287	2.788	3.372	39.231

ALIGNMENT C

POINT NO	EASTING	NORTHING	RL
C1	266639.690	5766521.276	40.030
C2	266638.953	5766521.071	40.048
C3	266637.191	5766519.692	40.098
C4	266636.122	5766519.394	40.124
C5	266628.626	5766528.972	40.443

CURVE NO	l	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
C1 - C2	45.000	1.000	0.785	0.076	0.057	0.195	0.188	0.196	40.039
C3 - C4	45.000	1.450	1.139	0.110	0.083	0.283	0.272	0.285	40.111
C4 - C5	90.000	8.600	13.509	2.519	1.864	3.291	2.790	3.377	40.288

ALIGNMENT D

POINT NO	EASTING	NORTHING	RL
D1	266621.975	5766529.783	40.443
D2	266612.397	5766522.287	40.237
D3	266611.431	5766522.832	40.222
D4	266610.052	5766524.594	40.193
D5	266609.385	5766524.971	40.183

CURVE NO	l	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
D1 - D2	90.000	8.600	13.509	2.519	1.864	3.291	2.790	3.377	40.340
D2 - D3	45.000	1.450	1.139	0.110	0.083	0.283	0.272	0.285	40.229
D4 - D5	45.000	1.000	0.785	0.076	0.057	0.195	0.188	0.196	40.188

ALIGNMENT E

POINT NO	EASTING	NORTHING	RL
E1	266374.851	5766553.565	39.612
E2	266374.114	5766553.360	39.623
E3	266372.359	5766551.986	39.654
E4	266371.230	5766551.697	39.671
E5	266364.084	5766561.224	39.621

CURVE NO	l	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
E1 - E2	45.000	1.000	0.785	0.076	0.057	0.195	0.188	0.196	39.617
E3 - E4	47.355	1.450	1.198	0.122	0.091	0.297	0.285	0.300	39.663
E4 - E5	87.645	8.600	13.155	2.395	1.774	3.209	2.746	3.289	39.654

ALIGNMENT F

POINT NO	EASTING	NORTHING	RL
F1	266357.434	5766562.035	39.621
F2	266348.208	5766554.504	39.556
F3	266347.182	5766555.055	39.527
F4	266345.808	5766556.811	39.473
F5	266345.142	5766557.187	39.454

CURVE NO	l	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
F1 - F2	87.644	8.600	13.155	2.395	1.774	3.209	2.746	3.289	39.588
F2 - F3	47.356	1.450	1.198	0.122	0.091	0.297	0.285	0.300	39.541
F4 - F5	45.000	1.000	0.785	0.076	0.057	0.195	0.188	0.196	39.464

ALIGNMENT G

POINT NO	EASTING	NORTHING	RL
G1	266169.723	5766578.574	37.775
G2	266168.986	5766578.369	37.784
G3	266167.224	5766576.989	37.808
G4	266166.155	5766576.692	37.821
G5	266162.628	5766577.122	37.787
G6	266155.132	5766586.699	37.663

CURVE NO	l	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
G1 - G2	45.000	1.000	0.785	0.076	0.057	0.195	0.188	0.196	37.780
G3 - G4	45.000	1.450	1.139	0.110	0.083	0.283	0.272	0.285	37.814
G5 - G6	90.000	8.600	13.509	2.519	1.864	3.291	2.790	3.377	37.716

ALIGNMENT H

POINT NO	EASTING	NORTHING	RL
H1	266148.481	5766587.510	37.637
H2	266139.255	5766579.979	37.475
H3	266138.229	5766580.531	37.438
H4	266136.855	5766582.286	37.368
H5	266136.189	5766582.662	37.343

CURVE NO	l	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
H1 - H2	87.645	8.600	13.155	2.395	1.774	3.209	2.746	3.289	37.567
H2 - H3	47.355	1.450	1.198	0.122	0.091	0.297	0.285	0.300	37.456
H4 - H5	45.000	1.000	0.785	0.076	0.057	0.195	0.188	0.196	37.355

ALIGNMENT I

POINT NO	EASTING	NORTHING	RL
I1	266134.219	5766582.902	37.309
I2	266110.590	5766580.145	37.103
I3	266075.610	5766578.068	36.799

CURVE NO	l	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
I1 - I2	13.663	100.000	23.846	0.710	0.532	5.958	5.937	5.962	37.206
I2 - I3	20.181	100.000	35.223	1.547	1.159	8.794	8.726	8.806	36.951

ALIGNMENT J

POINT NO	EASTING	NORTHING	RL
J1	266132.953	5766572.580	37.376
J2	266109.600	5766571.069	37.151
J3	266084.146	5766570.704	36.908
J4	266074.853	5766571.833	36.818

CURVE NO	l	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
J1 - J2	13.439	100.000	23.455	0.687	0.515	5.860	5.840	5.864	37.263
J2 - J3	13.754	106.300	25.518	0.765	0.573	6.376	6.353	6.379	37.030

ALIGNMENT L

Point no	Easting	Northing	RL
L1	266570.918	5766517.169	40.369
L2	266571.655	5766517.374	40.373
L3	266573.564	5766518.868	40.385
L4	266574.301	5766519.073	40.389
L5	266581.800	5766509.517	40.457
L6	266581.793	5766509.459	40.457

Curve no	l	Radius	Arc	A	B	X	Y	l	Mid point RL
L1 - L2	45.024	0.999	0.785	0.076	0.057	0.195	0.187	0.196	40.371
L3 - L4	45.000	1.000	0.785	0.076	0.057	0.195	0.188	0.196	40.387
L4 - L5	89.861	8.600	13.488	2.512	1.859	3.286	2.787	3.372	40.423

ALIGNMENT M

Point no	Easting	Northing	RL
M1	266588.446	5766508.664	40.457
M2	266598.026	5766516.181	40.273
M3	266598.692	5766515.805	40.262
M4	266600.186	5766513.896	40.229
M5	266600.853	5766513.519	40.218

Curve no	l	Radius	Arc	A	B	X	Y	l	Mid point RL
M1 - M2	90.139	8.600	13.530	2.526	1.870	3.296	2.793	3.382	40.365
M2 - M3	45.000	1.000	0.785	0.076	0.057	0.195	0.188	0.196	40.267
M4 - M5	45.000	1.000	0.785	0.076	0.057	0.195	0.188	0.196	40.224

BOUNDARY ROAD DESIGN LINE

CHAINAGE	EASTING	NORTHING	BEARING	
189.514	266133.465	5766576.748	96°57'04"	IP
200.000	266143.879	5766575.479	96°57'04"	
300.000	266243.143	5766563.377	96°57'04"	
400.000	266342.408	5766551.274	96°57'04"	
500.000	266441.673	5766539.172	96°57'04"	
600.000	266540.938	5766527.070	96°57'04"	
700.000	266640.203	5766514.968	96°57'04"	
800.000	266739.468	5766502.865	96°57'04"	
880.365	266819.056	5766491.888	96°57'04"	IP

--- IP Details ---

IP 1

coordinate = 266133.4648 5766576.7484
chainage = 189.514

IP 2

coordinate = 266819.0562 5766491.8879
chainage = 880.3652

AVIATION DRV DESIGN LINE

CHAINAGE	EASTING	NORTHING	BEARING	
617.595	266580.628	5766471.464	6°48'45"	IP
655.460	266585.119	5766509.062	6°48'45"	IP

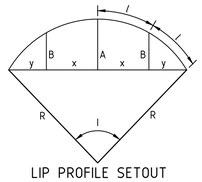
--- IP Details ---

IP 1

coordinate = 266580.6278 5766471.4640
chainage = 617.5951

IP 2

coordinate = 266585.1193 5766509.0618
chainage = 655.4602



LIP PROFILE SETOUT

NOTES
1. SETOUT CO-ORDINATES REFER TO LIP OF KERB/EDGE OF CONCRETE.
2. REFER TO SHEET NUMBERS C06-C07 FOR LIP PROFILES.

REVISION	DATE	ISSUE DETAILS	DESIGN	DRAWN	CHECK
3	18/03/20	SETOUT A & B REVISED & K REMOVED	G.A	G.A	J.C
2	10/02/20	SETOUT K, L, M AND AVIATION DRV SETOUT ADDED	R.K	R.K	J.C
1	17/12/19	SETOUT K & L REMOVED, BOUNDARY ROAD AMENDED	R.K	R.K	J.C
0	09/08/19	ISSUED FOR CONSTRUCTION	G.M	G.M	J.C
B	09/07/19	COUNCIL AMENDMENTS DATED 08/05/19	G.M	G.M	L.M
A	22/02/19	ISSUED FOR APPROVAL	G.A	G.A	M.R

STATUS: ISSUED FOR CONSTRUCTION

SCALE @ A1

CLIENT: HOME LIVING ESTATE

calibre

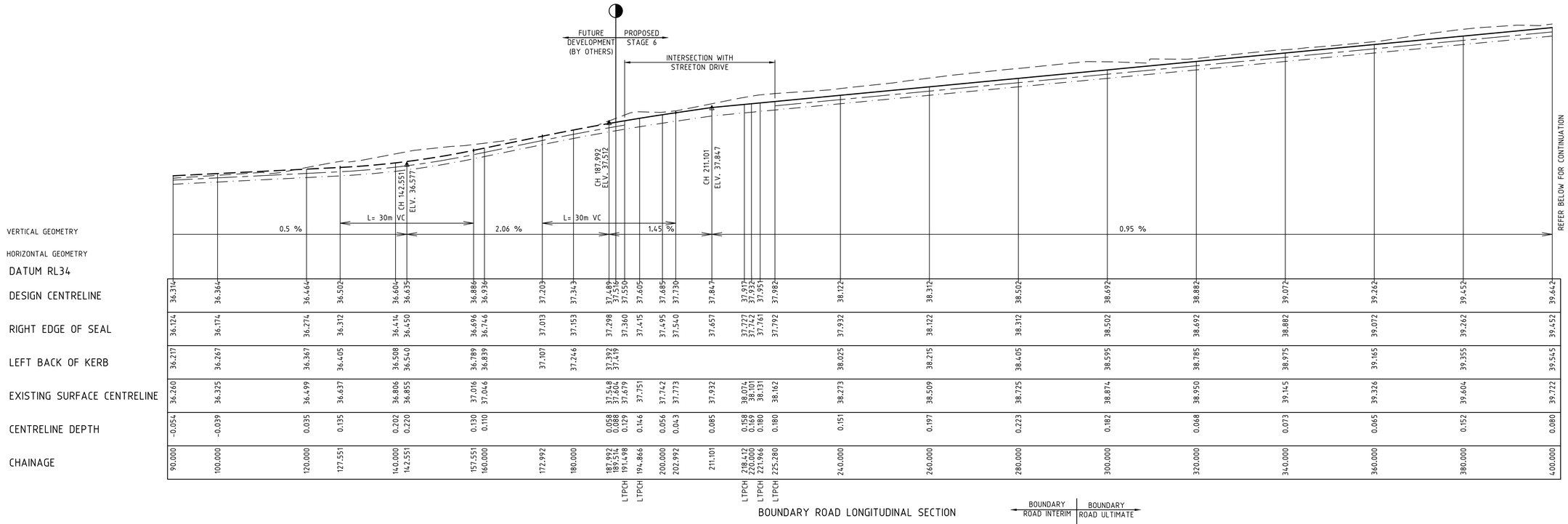
PROJECT: 341 BOUNDARY ROAD MT DUNEED STAGE 6

DRAWING TITLE: SETOUT INFORMATION

PROJECT No. 16 - 001655.6 | DRAWING No. C08 | REVISION 3

LEGEND

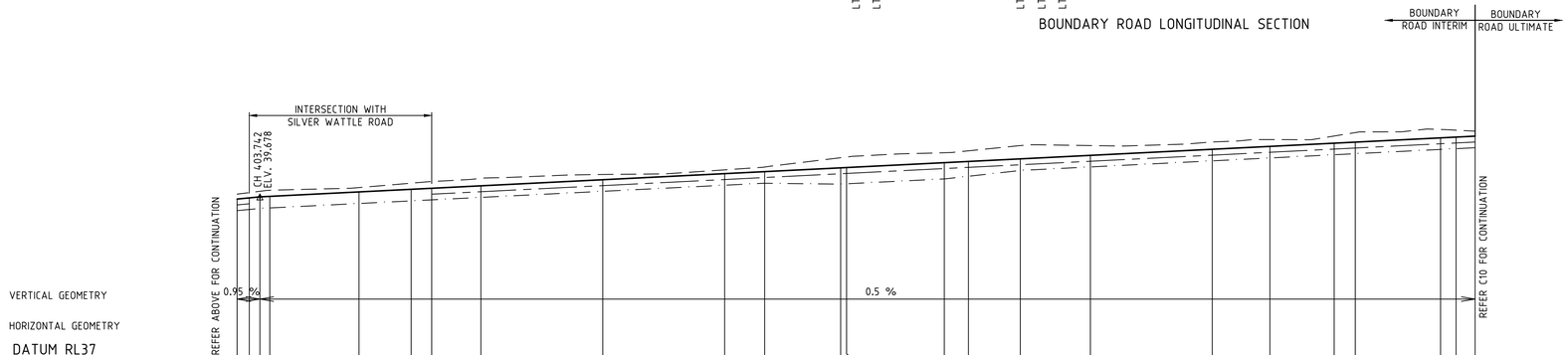
- EXISTING SURFACE
- DESIGN LINE
- FUTURE DESIGN LINE
- LEFT LIP OF KERB
- RIGHT LIP OF KERB



DATUM RL34

CHAINAGE	DESIGN CENTRELINE	RIGHT EDGE OF SEAL	LEFT BACK OF KERB	EXISTING SURFACE CENTRELINE	CENTRELINE DEPTH
90.000	36.314	36.124	36.217	36.260	-0.054
100.000	36.364	36.174	36.267	36.325	-0.039
120.000	36.464	36.274	36.367	36.499	0.035
127.551	36.502	36.312	36.405	36.637	0.135
140.000	36.604	36.414	36.508	36.806	0.202
142.551	36.635	36.450	36.540	36.855	0.220
157.551	36.886	36.696	36.789	37.016	0.130
160.000	36.936	36.746	36.839	37.046	0.110
172.992	37.203	37.013	37.107	37.107	
180.000	37.343	37.153	37.246	37.246	
187.992	37.489	37.298	37.392	37.548	0.058
189.514	37.516	37.360	37.419	37.604	0.088
191.498	37.550	37.415		37.679	0.129
LTPCH 194.866	37.605	37.495		37.751	0.146
200.000	37.685	37.540		37.742	0.056
202.992	37.730	37.657		37.773	0.043
211.101	37.847	37.727		37.932	0.085
LTPCH 218.412	37.917	37.742		38.074	0.158
220.000	37.932	37.761		38.101	0.169
LTPCH 221.966	37.951			38.131	0.180
LTPCH 225.280	37.982	37.792		38.162	0.180
240.000	38.122	37.932	38.025	38.273	0.151
260.000	38.312	38.122	38.215	38.509	0.197
280.000	38.502	38.312	38.405	38.725	0.223
300.000	38.692	38.502	38.595	38.874	0.182
320.000	38.882	38.692	38.785	38.950	0.068
340.000	39.072	38.882	38.975	39.145	0.073
360.000	39.262	39.072	39.165	39.326	0.065
380.000	39.452	39.262	39.355	39.604	0.152
400.000	39.642	39.452	39.545	39.722	0.080

BOUNDARY ROAD LONGITUDINAL SECTION



DATUM RL37

CHAINAGE	DESIGN CENTRELINE	RIGHT EDGE OF SEAL	LEFT BACK OF KERB	EXISTING SURFACE CENTRELINE	CENTRELINE DEPTH
400.000	39.642	39.452	39.545	39.722	0.080
401.998	39.661	39.471		39.747	0.086
LTPCH 403.742	39.678	39.488		39.769	0.092
LTPCH 405.366	39.686	39.496		39.786	0.100
420.000	39.759	39.569	39.830	39.830	0.071
428.559	39.802	39.612	39.902	39.902	0.101
LTPCH 431.927	39.818	39.628	39.929	39.929	0.111
440.000	39.859	39.669	39.762	39.981	0.123
460.000	39.959	39.769	39.862	40.045	0.086
480.000	40.059	39.869	39.962	40.121	0.062
486.426	40.091	39.901	39.994	40.166	0.075
498.896	40.153	39.887	40.057	40.319	0.166
500.000	40.159	39.892	40.062	40.332	0.173
516.171	40.240	39.972	40.143	40.402	0.162
520.000	40.259	40.016	40.162	40.433	0.175
528.641	40.302	40.110	40.205	40.520	0.218
540.000	40.359	40.169	40.262	40.520	0.161
560.000	40.459	40.269	40.362	40.579	0.120
569.462	40.506	40.316	40.409	40.618	0.111
580.000	40.559	40.369	40.462	40.676	0.117
583.462	40.576	40.386	40.479	40.732	0.156
597.462	40.646	40.456	40.549	40.784	0.138
600.000	40.659	40.469	40.562	40.772	0.113
602.978	40.664	40.460	40.587	40.756	0.092

BOUNDARY ROAD LONGITUDINAL SECTION

REVISION	DATE	ISSUE DETAILS	DESIGN	DRAWN	CHECK
1	10/02/20	LS AMENDED FROM CH603.127	R.K	R.K	J.C
0	09/08/19	ISSUED FOR CONSTRUCTION	G.M	G.M	J.C
B	09/07/19	COUNCIL AMENDMENTS DATED 08/05/19	G.M	G.M	L.M
A	22/02/19	ISSUED FOR APPROVAL	G.A	G.A	M.R

STATUS: **ISSUED FOR CONSTRUCTION**

SCALE @ A1
1:500 / 1:1000 — 10 5 0 10 20 — HORIZONTAL — A1 / A3
1:50 / 1:100 — 1 0.5 0 1 2 — VERTICAL — A1 / A3

CLIENT: **HOME LIVING ESTATE**

calibre

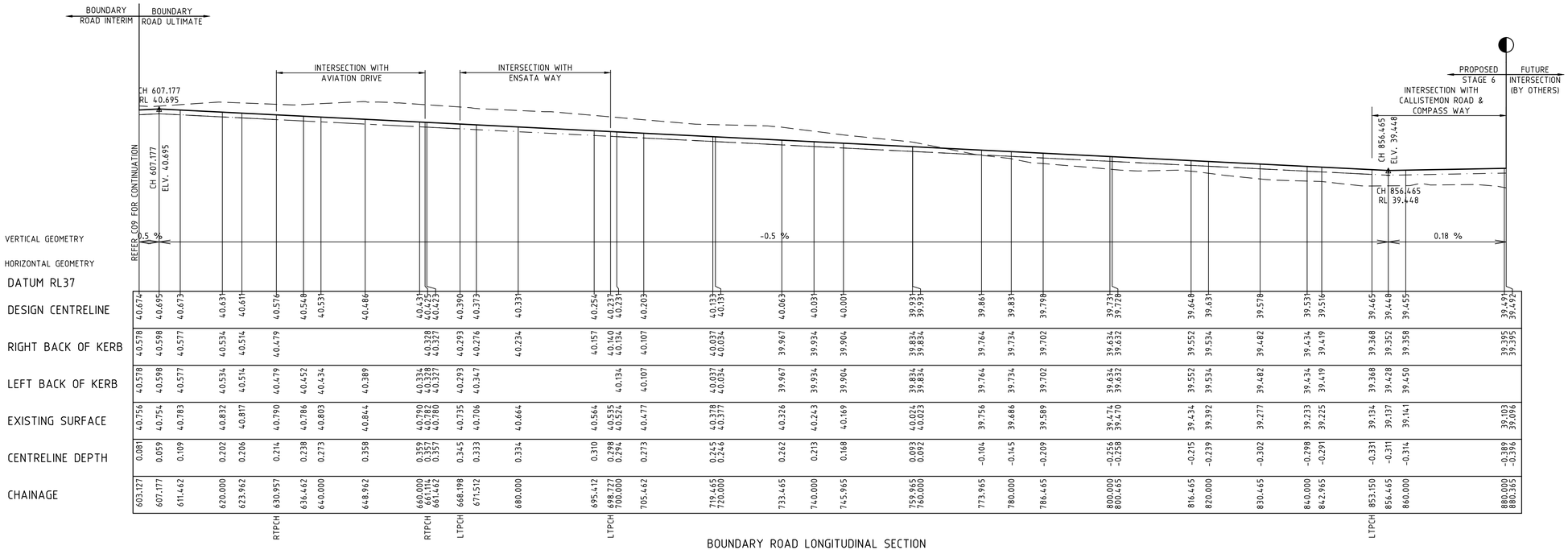
PROJECT: **341 BOUNDARY ROAD MT DUNEED STAGE 6**

DRAWING TITLE: **LONGITUDINAL SECTIONS - 1**

PROJECT No. **16 - 001655.6** | DRAWING No. **C09** | REVISION **1**

LEGEND

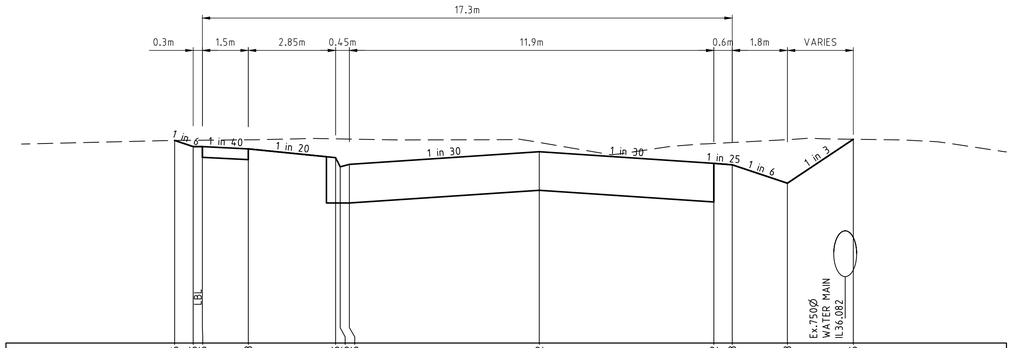
- EXISTING SURFACE
- DESIGN LINE
- FUTURE DESIGN LINE
- LEFT LIP OF KERB
- RIGHT LIP OF KERB



| | | |

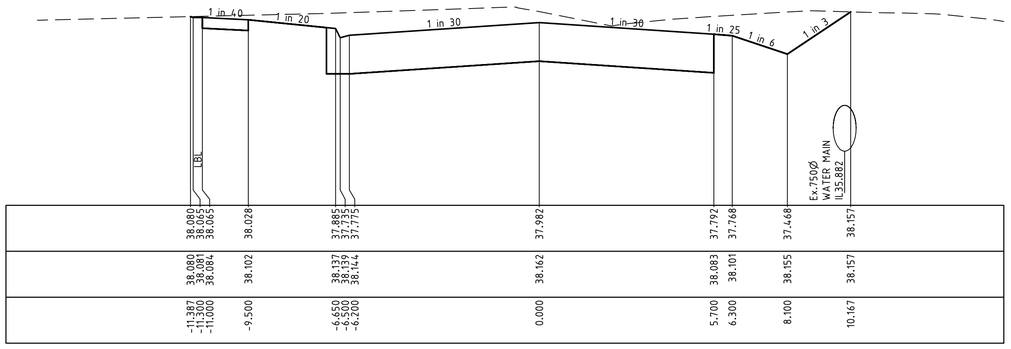
LEGEND

- EXISTING SURFACE
- DESIGN LINE



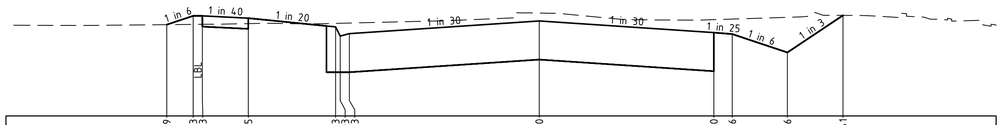
DATUM35.0												
DESIGN SURFACE	38.306	38.205 38.205	38.168	38.025 38.025 37.915	38.122	37.932	37.908	37.608	38.325			
EXISTING SURFACE	38.306	38.309 38.310	38.316	38.332 38.334 38.338	38.273	38.256	38.272	38.319	38.325			
OFFSET	-11.905	-11.300 -11.000	-9.500	-6.650 -6.500 -6.200	0.000	5.700	6.300	8.100	10.252			

CH 240.000



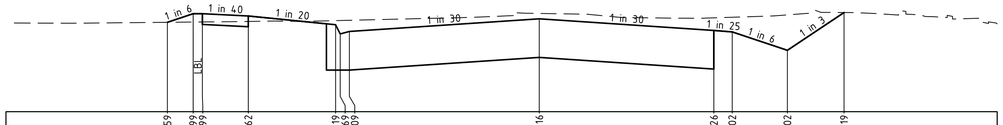
DATUM35.0									
DESIGN SURFACE	38.080	38.065 38.065	38.028	37.885 37.775 37.775	37.982	37.792	37.768	37.468	38.157
EXISTING SURFACE	38.080	38.081 38.084	38.102	38.137 38.139 38.144	38.162	38.083	38.101	38.155	38.157
OFFSET	-11.387	-11.300 -11.000	-9.500	-6.650 -6.500 -6.200	0.000	5.700	6.300	8.100	10.167

LTPCH 225.280



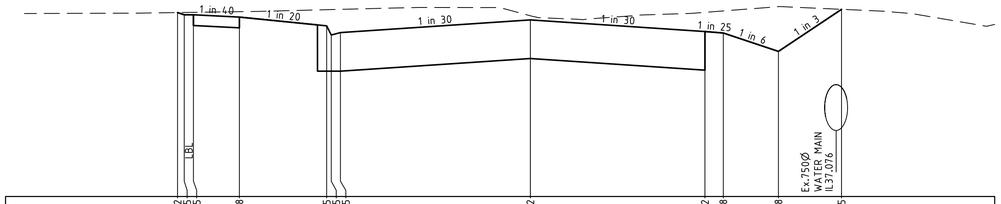
DATUM36.0									
DESIGN SURFACE	37.489	37.433 37.433	37.595	37.453 37.453 37.343	37.550	37.360	37.336	37.036	37.641
EXISTING SURFACE	37.489	37.493 37.495	37.506	37.510 37.512 37.516	37.679	37.571	37.580	37.609	37.641
OFFSET	-12.162	-11.300 -11.000	-9.500	-6.650 -6.500 -6.200	0.000	5.700	6.300	8.100	9.915

LTPCH 191.498



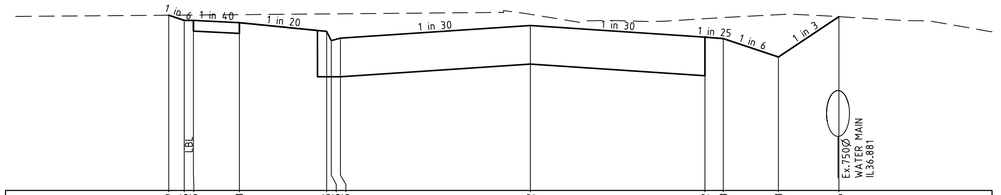
DATUM36.0									
DESIGN SURFACE	37.459	37.599 37.599	37.562	37.419 37.419 37.369	37.516	37.326	37.302	37.002	37.619
EXISTING SURFACE	37.459	37.463 37.464	37.472	37.486 37.488 37.492	37.604	37.532	37.541	37.580	37.619
OFFSET	-12.142	-11.300 -11.000	-9.500	-6.650 -6.500 -6.200	0.000	5.700	6.300	8.100	9.950

CH 189.514



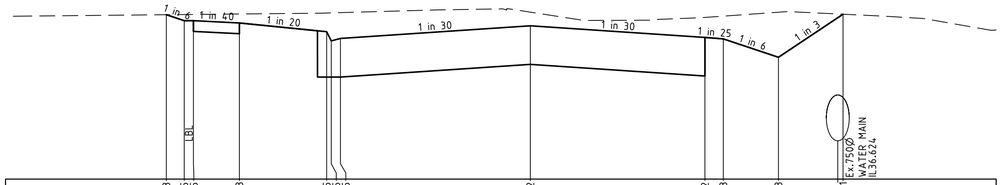
DATUM36.0									
DESIGN SURFACE	39.002 38.965 38.965	38.928	38.785 38.655 38.615	38.882	38.692	38.668	38.368	39.055	
EXISTING SURFACE	39.002 39.003 39.005	39.016	39.049 39.051 39.054	38.950	39.006	39.029	39.098	39.055	
OFFSET	-11.519 -11.300 -11.000	-9.500	-6.650 -6.500 -6.200	0.000	5.700	6.300	8.100	10.160	

CH 320.000



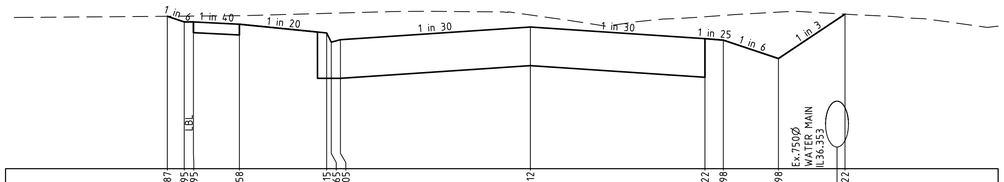
DATUM36.0									
DESIGN SURFACE	38.859 38.775 38.775	38.738	38.595 38.445 38.445	38.692	38.502	38.478	38.178	38.836	
EXISTING SURFACE	38.859 38.861 38.863	38.868	38.881 38.881 38.883	38.874	38.803	38.821	38.868	38.836	
OFFSET	-11.805 -11.300 -11.000	-9.500	-6.650 -6.500 -6.200	0.000	5.700	6.300	8.100	10.074	

CH 300.000



DATUM36.0									
DESIGN SURFACE	38.683 38.585 38.585	38.548	38.405 38.295 38.295	38.502	38.312	38.288	37.988	38.691	
EXISTING SURFACE	38.683 38.686 38.687	38.694	38.710 38.712 38.717	38.725	38.638	38.659	38.723	38.691	
OFFSET	-11.885 -11.300 -11.000	-9.500	-6.650 -6.500 -6.200	0.000	5.700	6.300	8.100	10.209	

CH 280.000



DATUM36.0									
DESIGN SURFACE	38.487 38.395 38.395	38.358	38.215 38.105 38.105	38.312	38.122	38.098	37.798	38.522	
EXISTING SURFACE	38.487 38.490 38.491	38.497	38.535 38.537 38.541	38.509	38.480	38.502	38.555	38.522	
OFFSET	-11.853 -11.300 -11.000	-9.500	-6.650 -6.500 -6.200	0.000	5.700	6.300	8.100	10.273	

CH 260.000

REVISION	DATE	ISSUE DETAILS	DESIGN	DRAWN	CHECK
0	09/08/19	ISSUED FOR CONSTRUCTION	G.M	G.M	J.C
B	09/07/19	COUNCIL AMENDMENTS DATED 08/05/19	G.M	G.M	L.M
A	22/02/19	ISSUED FOR APPROVAL	G.A	G.A	M.R

STATUS

ISSUED FOR CONSTRUCTION

SCALE @ A1

1:100 2 1 0 2 4 A1
1:200 A3
HORIZONTAL

1:50 1 0.5 0 1 2 A1
1:100 A3
VERTICAL

CLIENT

HOME LIVING ESTATE

calibre

PROJECT

341 BOUNDARY ROAD
MT DUNEED
STAGE 6

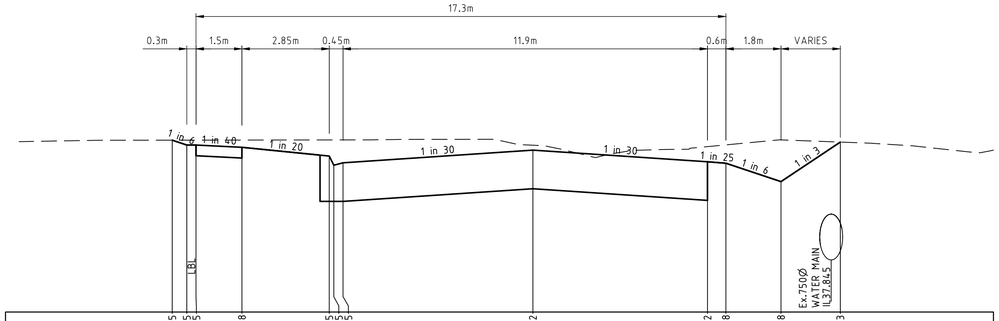
DRAWING TITLE

BOUNDARY ROAD
CROSS SECTIONS - 1
CH189.514-CH320.000

PROJECT No.	DRAWING No.	REVISION
16 - 001655.6	C11	0

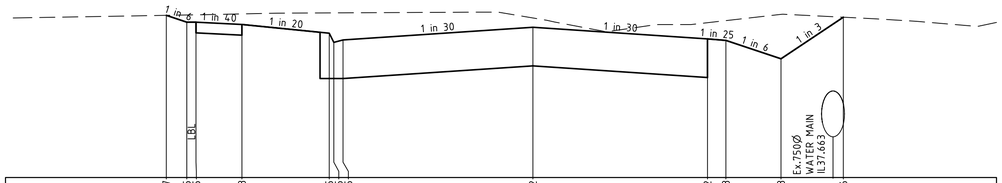
LEGEND

- EXISTING SURFACE
- DESIGN LINE



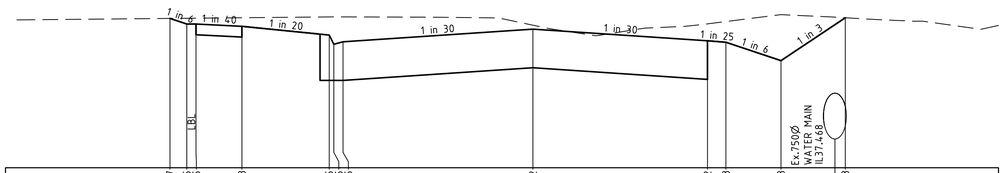
DATUM37.0											
DESIGN SURFACE	39.805	39.725 39.725	39.688	39.545 39.395 39.395	39.642	39.452	39.428	39.128	39.773		
EXISTING SURFACE	39.805	39.805 39.805	39.806	39.808 39.808 39.809	39.722	39.699	39.727	39.809	39.773		
OFFSET	-11.776	-11.300 -11.000	-9.500	-6.650 -6.500 -6.200	0.000	5.700	6.300	8.100	10.036		

CH 400.000



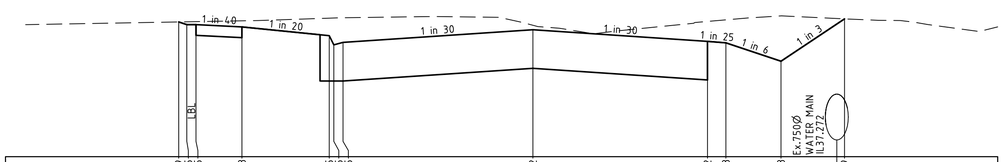
DATUM37.0											
DESIGN SURFACE	39.647	39.535 39.535	39.498	39.355 39.205 39.245	39.452	39.262	39.238	38.938	39.616		
EXISTING SURFACE	39.647	39.653 39.655	39.670	39.687 39.688 39.688	39.604	39.527	39.561	39.663	39.616		
OFFSET	-11.969	-11.300 -11.000	-9.500	-6.650 -6.500 -6.200	0.000	5.700	6.300	8.100	10.135		

CH 380.000



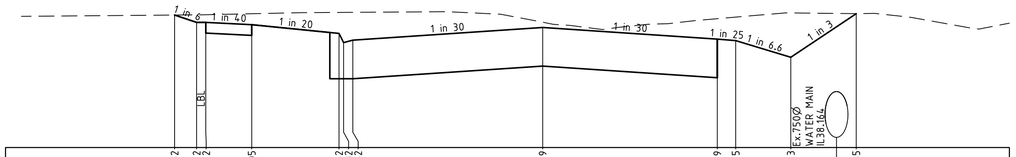
DATUM37.0											
DESIGN SURFACE	39.437	39.345 39.345	39.308	39.165 39.015 39.055	39.262	39.072	39.048	38.748	39.448		
EXISTING SURFACE	39.437	39.439 39.441	39.448	39.462 39.462 39.462	39.326	39.348	39.386	39.498	39.448		
OFFSET	-11.849	-11.300 -11.000	-9.500	-6.650 -6.500 -6.200	0.000	5.700	6.300	8.100	10.200		

CH 360.000



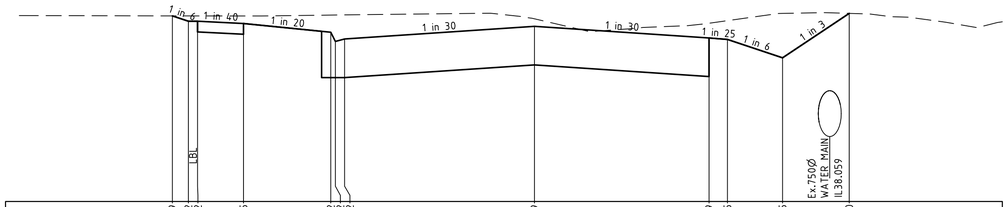
DATUM37.0											
DESIGN SURFACE	39.199	39.155 39.155	39.118	38.975 38.825 38.865	39.072	38.882	38.858	38.558	39.249		
EXISTING SURFACE	39.199	39.201 39.204	39.217	39.261 39.263 39.268	39.145	39.208	39.233	39.298	39.249		
OFFSET	-11.563	-11.300 -11.000	-9.500	-6.650 -6.500 -6.200	0.000	5.700	6.300	8.100	10.174		

CH 340.000



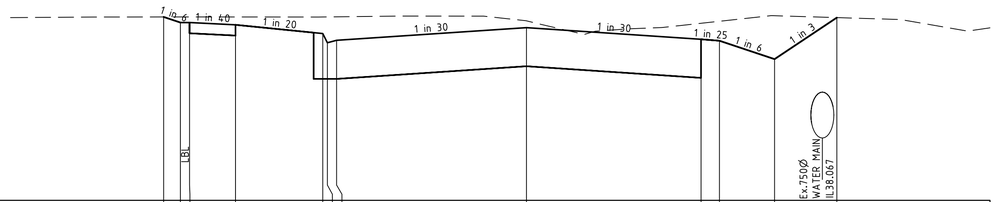
DATUM38.0											
DESIGN SURFACE	40.162	40.042 40.042	40.005	39.862 39.777 39.752	39.959	39.769	39.745	39.473	40.185		
EXISTING SURFACE	40.162	40.165 40.167	40.183	40.205 40.206 40.206	40.045	40.102	40.128	40.196	40.185		
OFFSET	-12.019	-11.300 -11.000	-9.500	-6.650 -6.500 -6.200	0.000	5.700	6.300	8.100	10.236		

CH 460.000



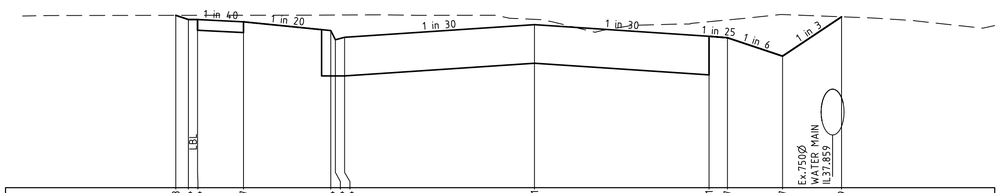
DATUM37.0											
DESIGN SURFACE	40.029	39.942 39.942	39.905	39.762 39.612 39.652	39.859	39.669	39.645	39.345	40.070		
EXISTING SURFACE	40.029	40.029 40.029	40.028	40.042 40.043 40.045	39.981	39.909	39.951	40.070	40.070		
OFFSET	-11.822	-11.300 -11.000	-9.500	-6.650 -6.500 -6.200	0.000	5.700	6.300	8.100	10.275		

CH 440.000



DATUM37.0											
DESIGN SURFACE	39.993	39.902 39.902	39.864	39.722 39.572 39.612	39.818	39.628	39.604	39.304	39.982		
EXISTING SURFACE	39.993	39.993 39.993	39.993	39.992 39.993 39.995	39.929	39.890	39.922	40.013	39.982		
OFFSET	-11.846	-11.300 -11.000	-9.500	-6.650 -6.500 -6.200	0.000	5.700	6.300	8.100	10.134		

LTPCH 431.927



DATUM37.0											
DESIGN SURFACE	39.813	39.744 39.744	39.707	39.564 39.414 39.454	39.661	39.471	39.447	39.147	39.789		
EXISTING SURFACE	39.813	39.813 39.813	39.814	39.817 39.818 39.819	39.747	39.709	39.738	39.826	39.789		
OFFSET	-11.710	-11.300 -11.000	-9.500	-6.650 -6.500 -6.200	0.000	5.700	6.300	8.100	10.026		

LTPCH 401.998

REVISION	DATE	ISSUE DETAILS	DESIGN	DRAWN	CHECK
0	09/08/19	ISSUED FOR CONSTRUCTION	G.M	G.M	J.C
B	09/07/19	COUNCIL AMENDMENTS DATED 08/05/19	G.M	G.M	L.M
A	22/02/19	ISSUED FOR APPROVAL	G.A	G.A	M.R

STATUS: **ISSUED FOR CONSTRUCTION**

SCALE @ A1: 1:100 / 1:200 HORIZONTAL (2 1 0 2 4) A1 / A3; 1:50 / 1:100 VERTICAL (1 0.5 0 1 2) A1 / A3

CLIENT: **HOME LIVING ESTATE**

calibre

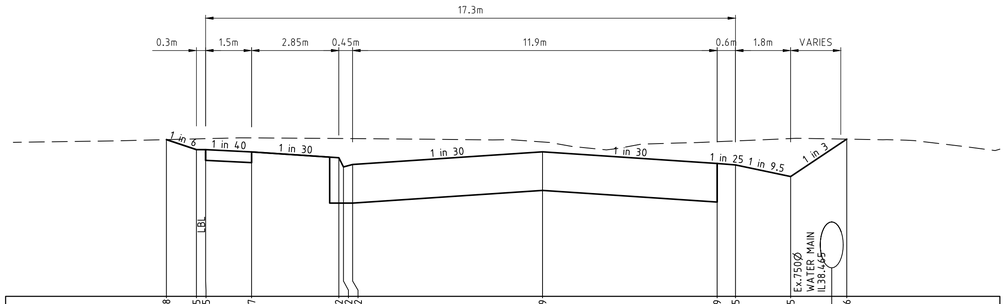
PROJECT: **341 BOUNDARY ROAD MT DUNEED STAGE 6**

DRAWING TITLE: **BOUNDARY ROAD CROSS SECTIONS - 2 CH340.000-CH460.000**

PROJECT No.	DRAWING No.	REVISION
16 - 001655.6	C12	0

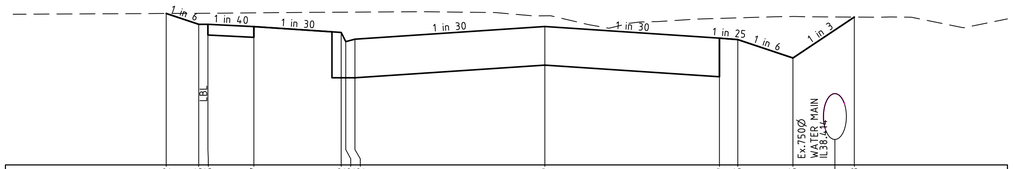
LEGEND

- EXISTING SURFACE
- DESIGN LINE



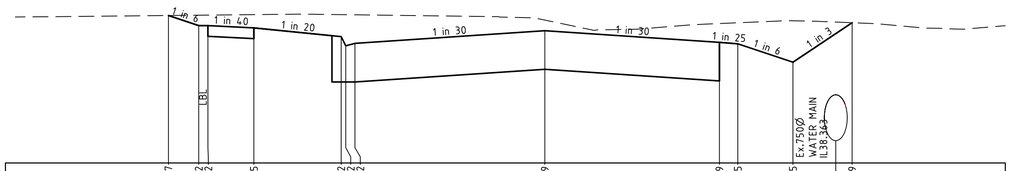
DATUM38.0											
DESIGN SURFACE	40.558	40.395 40.395	40.357	40.262 40.012 40.152	40.359	40.169	40.145	39.955	40.566
EXISTING SURFACE	40.558	40.570 40.574	40.586	40.577 40.576 40.575	40.520	40.524	40.537	40.575	40.566
OFFSET	-12.280	-11.300 -11.000	-9.500	-6.650 -6.500 -6.200	0.000	5.700	6.300	8.100	9.932

CH 540.000



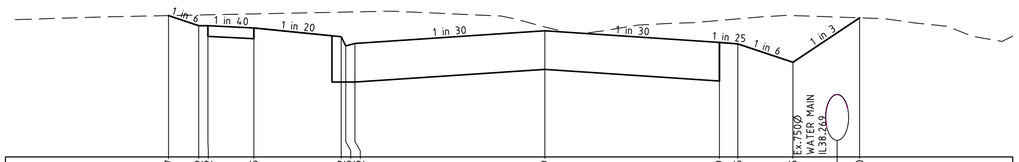
DATUM38.0									
DESIGN SURFACE	40.472	40.295 40.295	40.257	40.062 40.012 40.052	40.259	40.069	40.045	39.745	40.413
EXISTING SURFACE	40.472	40.474 40.475	40.482	40.492 40.493 40.494	40.433	40.391	40.400	40.422	40.413
OFFSET	-12.361	-11.300 -11.000	-9.500	-6.650 -6.500 -6.200	0.000	5.700	6.300	8.100	10.103

CH 520.000



DATUM38.0									
DESIGN SURFACE	40.407	40.242 40.242	40.205	40.062 39.977 39.952	40.159	39.969	39.945	39.645	40.289
EXISTING SURFACE	40.407	40.412 40.414	40.421	40.421< 40.420 40.418	40.332	40.276	40.288	40.320	40.289
OFFSET	-12.289	-11.300 -11.000	-9.500	-6.650 -6.500 -6.200	0.000	5.700	6.300	8.100	10.033

CH 500.000



DATUM38.0									
DESIGN SURFACE	40.307	40.142 40.142	40.105	39.962 39.827 39.852	40.059	39.869	39.845	39.545	40.270
EXISTING SURFACE	40.307	40.316 40.319	40.334	40.363 40.364 40.367	40.121	40.227	40.253	40.307	40.270
OFFSET	-12.287	-11.300 -11.000	-9.500	-6.650 -6.500 -6.200	0.000	5.700	6.300	8.100	10.276

CH 480.000

REVISION	DATE	ISSUE DETAILS	DESIGN	DRAWN	CHECK
0	09/08/19	ISSUED FOR CONSTRUCTION	G.M	G.M	J.C
B	09/07/19	COUNCIL AMENDMENTS DATED 08/05/19	G.M	G.M	L.M
A	22/02/19	ISSUED FOR APPROVAL	G.A	G.A	M.R

STATUS

ISSUED FOR CONSTRUCTION

SCALE @ A1

1:100 2 1 0 2 4 A1
1:200 A3
HORIZONTAL

1:50 1 0.5 0 1 2 A1
1:100 A3
VERTICAL

CLIENT

HOME LIVING ESTATE

calibre

PROJECT

341 BOUNDARY ROAD
MT DUNEED
STAGE 6

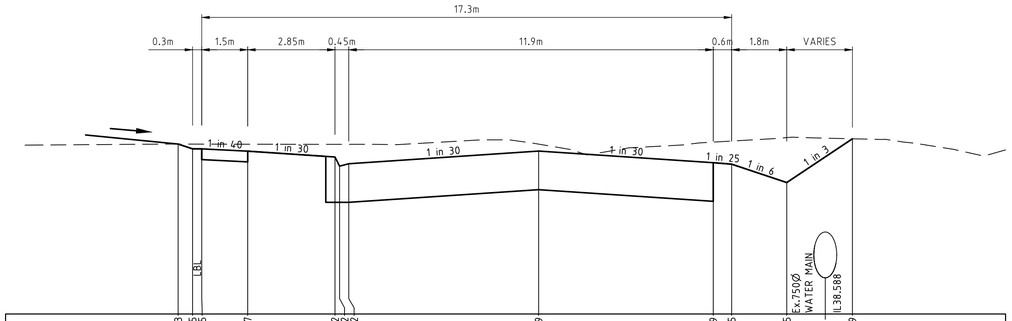
DRAWING TITLE

BOUNDARY ROAD
CROSS SECTIONS - 3
CH480.000-CH540.000

PROJECT No.	DRAWING No.	REVISION
16 - 001655.6	C13	0

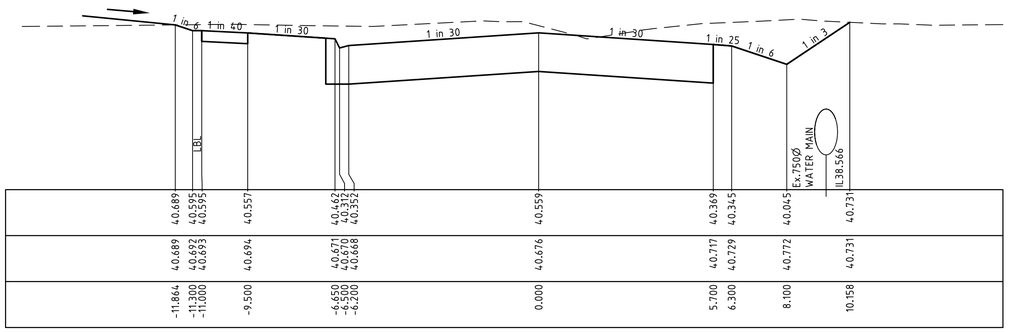
LEGEND

- EXISTING SURFACE
- DESIGN LINE



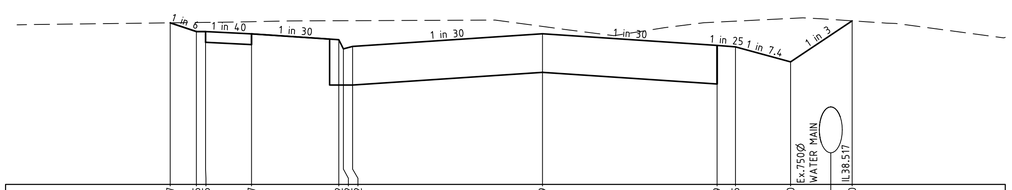
DATUM38.0											
DESIGN SURFACE	40.773	40.695 40.695	40.657	40.562 40.542 40.542	40.659	40.469	40.445	40.145	40.859		
EXISTING SURFACE	40.773	40.773 40.772	40.771	40.768 40.769 40.769	40.772	40.805	40.822	40.879	40.859		
OFFSET	-11.771	-11.300 -11.000	-9.500	-6.650 -6.500 -6.200	0.000	5.700	6.300	8.100	10.244		

CH 600.000



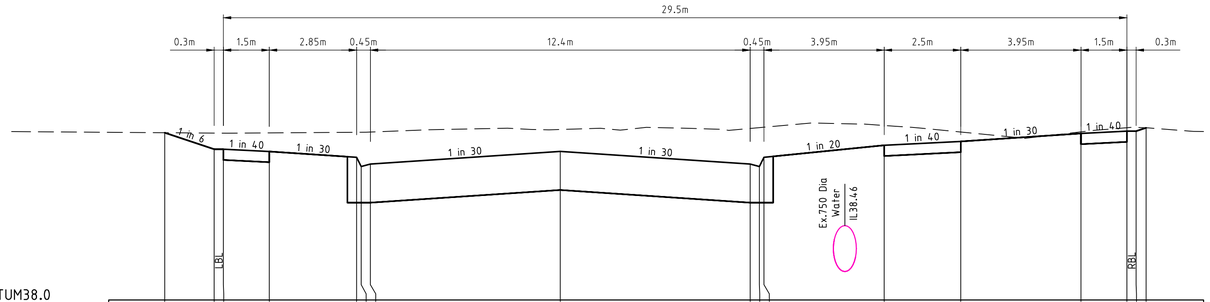
DATUM38.0									
DESIGN SURFACE	40.689	40.595 40.595	40.557	40.462 40.432 40.432	40.559	40.369	40.345	40.045	40.731
EXISTING SURFACE	40.689	40.692 40.693	40.694	40.671 40.670 40.680	40.676	40.717	40.729	40.772	40.731
OFFSET	-11.864	-11.300 -11.000	-9.500	-6.650 -6.500 -6.200	0.000	5.700	6.300	8.100	10.158

CH 580.000



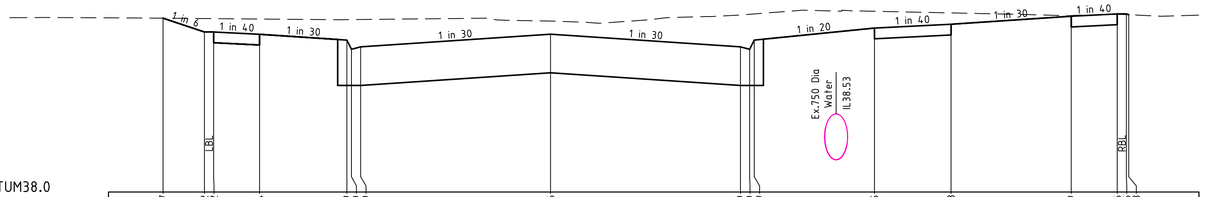
DATUM38.0									
DESIGN SURFACE	40.637	40.495 40.495	40.457	40.362 40.252 40.252	40.459	40.269	40.245	40.000	40.670
EXISTING SURFACE	40.637	40.642 40.644	40.656	40.672 40.672 40.673	40.579	40.650	40.665	40.709	40.670
OFFSET	-12.155	-11.300 -11.000	-9.500	-6.650 -6.500 -6.200	0.000	5.700	6.300	8.100	10.109

CH 560.000



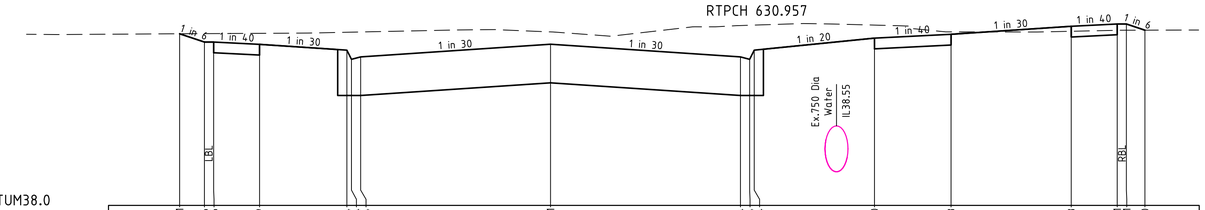
DATUM38.0											
DESIGN SURFACE	40.730	40.461 40.461	40.423	40.328 40.278 40.278	40.425	40.218 40.178 40.328	40.525	40.587	40.718	40.755 40.755 40.810	
EXISTING SURFACE	40.730	40.724 40.723	40.727	40.737 40.738 40.741	40.782	40.799 40.813 40.819	40.848	40.741	40.744	40.812 40.817 40.810	
OFFSET	-12.914	-11.300 -11.000	-9.500	-6.650 -6.500 -6.200	0.000	6.200 6.500 6.650	10.575	13.075	17.000	18.500 18.800 19.127	

RTPCH 661.114



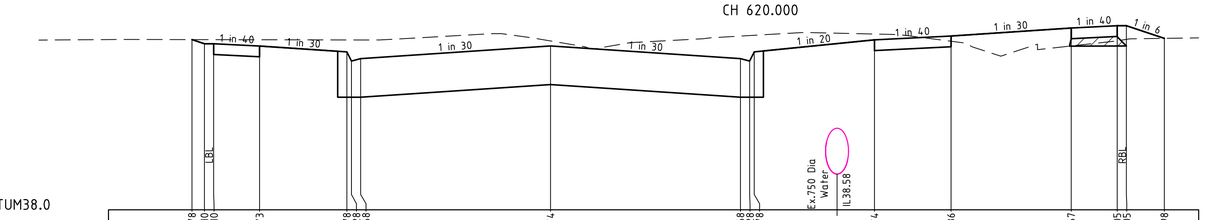
DATUM38.0											
DESIGN SURFACE	40.837	40.612 40.612	40.574	40.479 40.329 40.369	40.576	40.369 40.329 40.479	40.675	40.738	40.869	40.906 40.906 40.893	
EXISTING SURFACE	40.837	40.831 40.830	40.823	40.813 40.814 40.815	40.790	40.889 40.901 40.906	40.950	40.923	40.880	40.900 40.895 40.893	
OFFSET	-12.652	-11.300 -11.000	-9.500	-6.650 -6.500 -6.200	0.000	6.200 6.500 6.650	10.575	13.075	17.000	18.500 18.800 18.877	

RTPCH 630.957



DATUM38.0											
DESIGN SURFACE	40.801	40.666 40.666	40.629	40.534 40.384 40.424	40.631	40.424 40.384 40.534	40.730	40.793	40.923	40.961 40.961 40.860	
EXISTING SURFACE	40.801	40.803 40.804	40.808	40.826 40.827 40.831	40.832	40.936 40.940 40.943	40.943	40.832	40.842	40.858 40.859 40.860	
OFFSET	-12.110	-11.300 -11.000	-9.500	-6.650 -6.500 -6.200	0.000	6.200 6.500 6.650	10.575	13.075	17.000	18.500 18.800 19.405	

CH 620.000



DATUM38.0											
DESIGN SURFACE	40.778	40.710 40.710	40.673	40.578 40.428 40.468	40.674	40.468 40.428 40.578	40.774	40.836	40.967	41.005 41.005	40.798
EXISTING SURFACE	40.778	40.778 40.777	40.776	40.773 40.772 40.772	40.756	40.836 40.844 40.848	40.869	40.751	40.674	40.758 40.782	40.798
OFFSET	-11.706	-11.300 -11.000	-9.500	-6.650 -6.500 -6.200	0.000	6.200 6.500 6.650	10.575	13.075	17.000	18.500 18.800	20.039

CH 603.127

REVISION	DATE	ISSUE DETAILS	DESIGN	DRAWN	CHECK
1	10/02/20	SOUTHERN KERB ADDED	R.K	R.K	J.C
0	09/08/19	ISSUED FOR CONSTRUCTION	G.M	G.M	J.C
B	09/07/19	COUNCIL AMENDMENTS DATED 08/05/19	G.M	G.M	L.M
A	22/02/19	ISSUED FOR APPROVAL	G.A	G.A	M.R

STATUS

ISSUED FOR CONSTRUCTION

SCALE @ A1

1:100 2 1 0 2 4 A1
1:200 A3
HORIZONTAL

1:50 1 0.5 0 1 2 A1
1:100 A3
VERTICAL

CLIENT

HOME LIVING ESTATE

calibre

PROJECT

341 BOUNDARY ROAD
MT DUNEED
STAGE 6

DRAWING TITLE

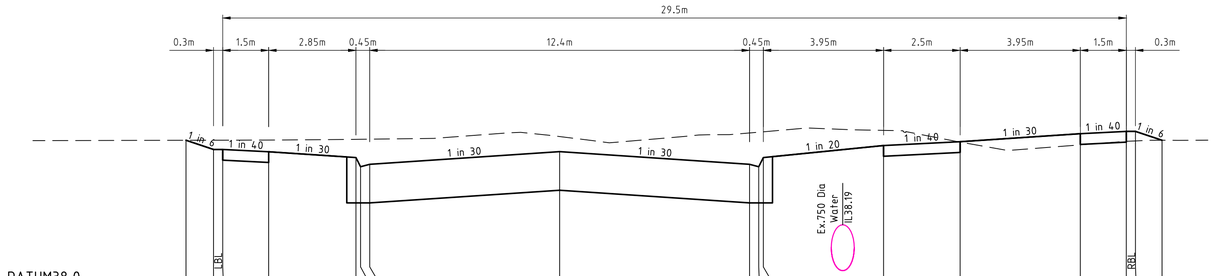
BOUNDARY ROAD
CROSS SECTIONS - 4
CH560.000-CH698.727

PROJECT No.	DRAWING No.	REVISION
16 - 001655.6	C14	1

LEGEND

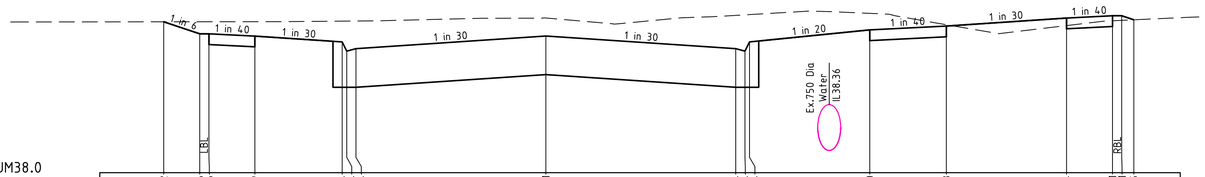
- EXISTING SURFACE
- DESIGN LINE
- SELECT STRUCTURAL FILL

NOTE
SELECT STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE NATURAL SURFACE



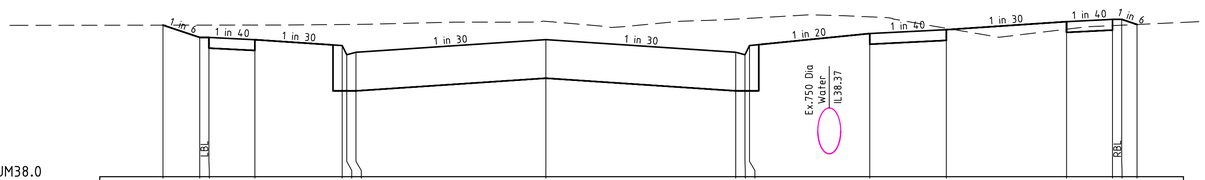
DATUM38.0														
DESIGN SURFACE	40.316	40.166 40.166	40.129	40.034 39.984 39.924	40.131	39.984 39.934 40.034	40.230	40.293	40.424	40.461 40.461	40.316
EXISTING SURFACE	40.316	40.317 40.318	40.320	40.331 40.332 40.334	40.377	40.435 40.449 40.454	40.478	40.287	40.241	40.299 40.305	40.316
OFFSET	-12.199	-11.300 -11.000	-9.500	-6.650 -6.500 -6.200	0.000	6.200 6.500 6.650	10.575	13.075	17.000	18.500 18.800	19.668

CH 720.000



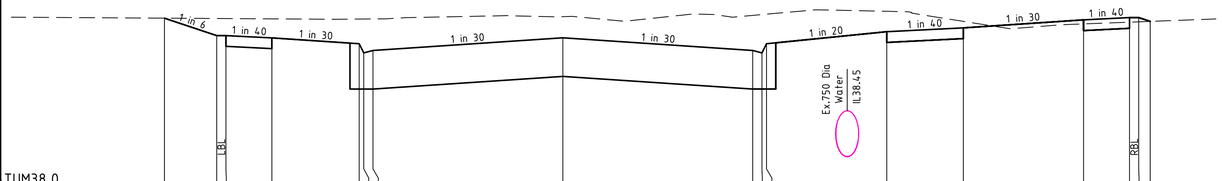
TUM38.0											
SIGN SURFACE	40.462	40.266 40.266	40.229	40.134 39.984 40.024	40.231	40.024 39.984 40.134	40.330	40.393	40.524	40.561 40.561	40.495
ISTING SURFACE	40.462	40.463 40.463	40.464	40.473 40.474 40.475	40.524	40.567 40.576 40.580	40.600	40.414	40.401	40.479 40.486 40.495	
FSET	-12.476	-11.300 -11.000	-9.500	-6.650 -6.500 -6.200	0.000	6.200 6.500 6.650	10.575	13.075	17.000	18.500 18.800	19.196

CH 700.000



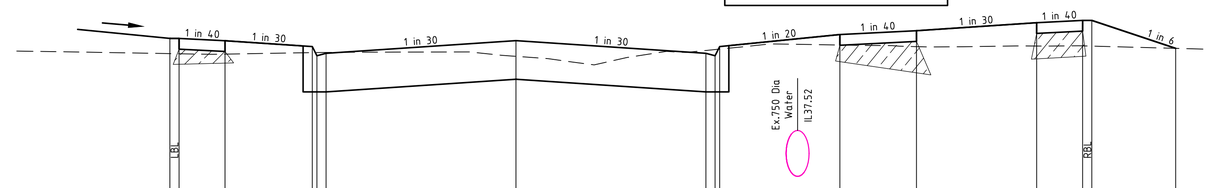
TUM38.0											
SIGN SURFACE	40.473	40.273 40.273	40.235	40.140 39.990 40.030	40.237	40.030 39.990 40.140	40.337	40.399	40.530	40.567 40.567	40.484
ISTING SURFACE	40.473	40.473 40.474	40.475	40.483 40.484 40.485	40.535	40.572 40.581 40.585	40.609	40.422	40.407	40.466 40.472	40.484
FSET	-12.500	-11.300 -11.000	-9.500	-6.650 -6.500 -6.200	0.000	6.200 6.500 6.650	10.575	13.075	17.000	18.500 18.800	19.301

LTPCH 698.727



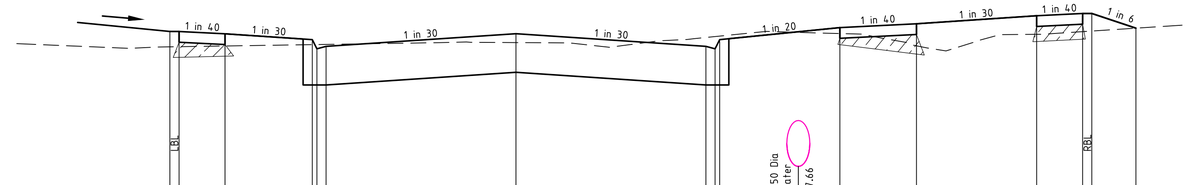
TUM38.0											
SIGN SURFACE	40.710	40.425 40.425	40.388	40.293 40.143 40.183	40.390	40.183 40.143 40.293	40.489	40.552	40.683	40.720 40.720	40.657
ISTING SURFACE	40.710	40.705 40.704	40.699	40.696 40.696 40.698	40.735	40.756 40.769 40.776	40.822	40.658	40.616	40.645 40.650	40.657
FSET	-13.008	-11.300 -11.000	-9.500	-6.650 -6.500 -6.200	0.000	6.200 6.500 6.650	10.575	13.075	17.000	18.500 18.800	19.176

LTPCH 668.198



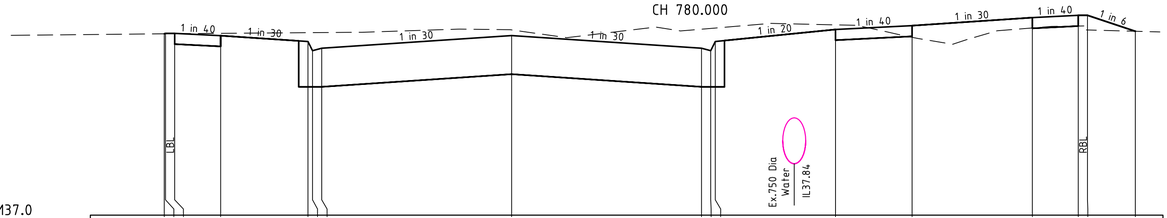
DATUM37.0											
DESIGN SURFACE	39.767 39.767	39.729	39.634 39.584 39.524	39.731	39.524 39.584 39.634	39.830	39.893	40.024	40.061 40.061	39.605
EXISTING SURFACE	39.519 39.517	39.511	39.535 39.536 39.538	39.474	39.590 39.585 39.592	39.659	39.633	39.643	39.646 39.642	39.605
OFFSET	-11.300 -11.000	-9.500	-6.650 -6.500 -6.200	0.000	6.200 6.500 6.650	10.575	13.075	17.000	18.500 18.800	21.538

CH 800.000



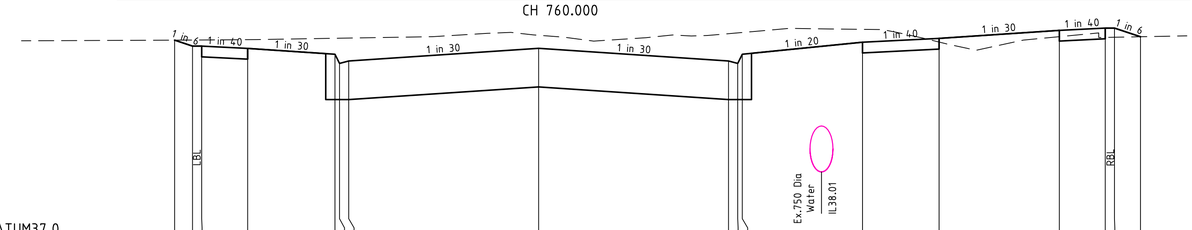
DATUM37.0											
DESIGN SURFACE	39.867 39.867	39.829	39.734 39.584 39.624	39.831	39.624 39.684 39.734	39.930	39.993	40.124	40.161 40.161	39.921
EXISTING SURFACE	39.619 39.619	39.630	39.652 39.652 39.656	39.686	39.789 39.786 39.792	39.833	39.633	39.821	39.864 39.874	39.921
OFFSET	-11.300 -11.000	-9.500	-6.650 -6.500 -6.200	0.000	6.200 6.500 6.650	10.575	13.075	17.000	18.500 18.800	20.241

CH 780.000



DATUM37.0											
DESIGN SURFACE	39.960 39.960 39.967	39.929	39.834 39.684 39.724	39.931	39.724 39.684 39.834	40.030	40.093	40.224	40.261 40.261	40.001
EXISTING SURFACE	39.960 39.960 39.961	39.967	39.978 39.979 39.980	40.023	40.035 40.047 40.054	40.105	39.902	40.055	40.086 40.022	40.001
OFFSET	-11.341 -11.300 -11.000	-9.500	-6.650 -6.500 -6.200	0.000	6.200 6.500 6.650	10.575	13.075	17.000	18.500 18.800	20.362

CH 760.000



DATUM37.0											
DESIGN SURFACE	40.164	40.066 40.066	40.029	39.934 39.784 39.824	40.031	39.824 39.784 39.934	40.130	40.193	40.324	40.361 40.361	40.219
EXISTING SURFACE	40.164	40.165 40.166	40.172	40.194 40.196 40.198	40.243	40.270 40.282 40.289	40.340	40.133	40.221	40.208 40.211	40.219
OFFSET	-11.884	-11.300 -11.000	-9.500	-6.650 -6.500 -6.200	0.000	6.200 6.500 6.650	10.575	13.075	17.000	18.500 18.800	19.650

CH 740.000

REVISION	DATE	ISSUE DETAILS	DESIGN	DRAWN	CHECK
1	10/02/20	SOUTHERN KERB ADDED	R.K	R.K	J.C
0	09/08/19	ISSUED FOR CONSTRUCTION	G.M	G.M	J.C
B	09/07/19	COUNCIL AMENDMENTS DATED 08/05/19	G.M	G.M	L.M
A	22/02/19	ISSUED FOR APPROVAL	G.A	G.A	M.R

STATUS
ISSUED FOR CONSTRUCTION

SCALE @ A1
1:100 2 1 0 2 4 A1
1:200 A3
HORIZONTAL
1:50 1 0.5 0 1 2 A1
1:100 A3
VERTICAL

CLIENT
HOME LIVING ESTATE

calibre

PROJECT
341 BOUNDARY ROAD
MT DUNEED
STAGE 6

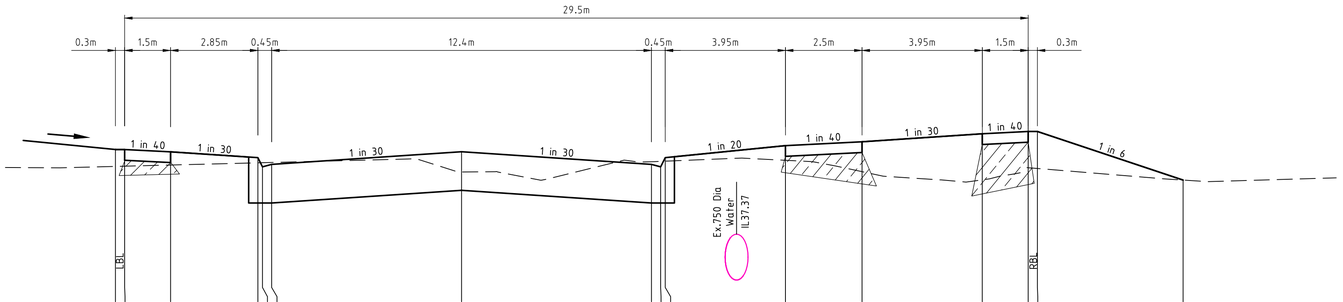
DRAWING TITLE
BOUNDARY ROAD
CROSS SECTIONS - 5
CH700.000-CH800.000

PROJECT No.	DRAWING No.	REVISION
16 - 001655.6	C15	1

LEGEND

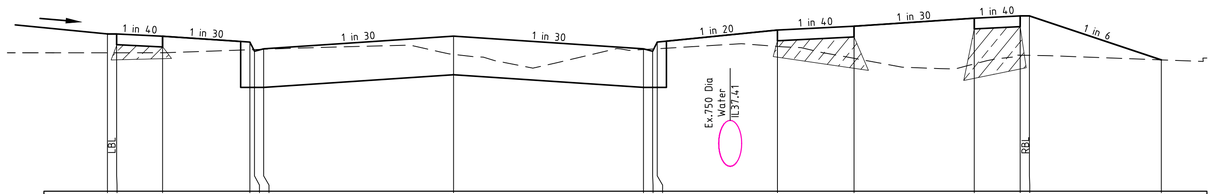
- EXISTING SURFACE
- DESIGN LINE
- SELECT STRUCTURAL FILL

NOTE
SELECT STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE NATURAL SURFACE



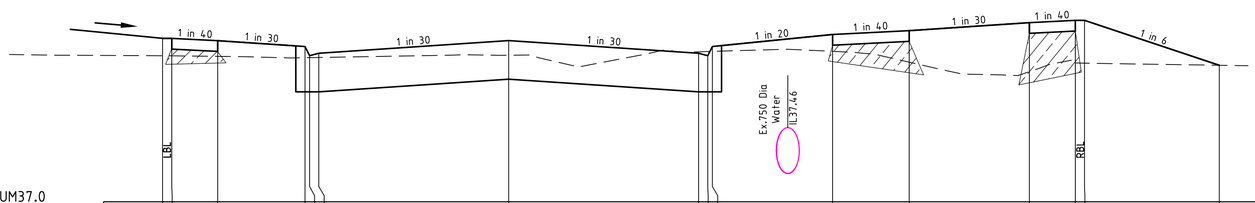
DATUM37.0																							
DESIGN SURFACE	39.501	39.501	39.463	39.368	39.258	39.258	39.465	39.258	39.368	39.565	39.627	39.758	39.795	39.795	39.002
EXISTING SURFACE	39.225	39.229	39.248	39.284	39.290	39.290	39.134	39.302	39.300	39.311	39.325	39.140	39.006	39.204	39.192	39.002
OFFSET	-11.300	-11.000	-9.500	-6.650	-6.500	-6.200	0.000	6.200	6.500	6.650	10.575	13.075	17.000	18.500	18.800	23.558

LTPCH 853.150



DATUM37.0																							
DESIGN SURFACE	39.567	39.567	39.529	39.434	39.324	39.324	39.531	39.324	39.434	39.630	39.693	39.824	39.861	39.861	39.143
EXISTING SURFACE	39.259	39.259	39.259	39.309	39.311	39.316	39.233	39.317	39.321	39.325	39.363	39.169	39.077	39.220	39.217	39.143
OFFSET	-11.300	-11.000	-9.500	-6.650	-6.500	-6.200	0.000	6.200	6.500	6.650	10.575	13.075	17.000	18.500	18.800	23.107

CH 840.000



DATUM37.0																							
DESIGN SURFACE	39.667	39.667	39.629	39.534	39.384	39.424	39.631	39.424	39.534	39.730	39.793	39.924	39.961	39.961	39.228
EXISTING SURFACE	39.383	39.382	39.373	39.351	39.353	39.355	39.392	39.447	39.452	39.454	39.455	39.279	39.124	39.262	39.228
OFFSET	-11.300	-11.000	-9.500	-6.650	-6.500	-6.200	0.000	6.200	6.500	6.650	10.575	13.075	17.000	18.500	18.800	23.200

CH 820.000

REVISION	DATE	ISSUE DETAILS	DESIGN	DRAWN	CHECK
1	10/02/20	SOUTHERN KERB ADDED	R.K	R.K	J.C
0	09/08/19	ISSUED FOR CONSTRUCTION	G.M	G.M	J.C
B	09/07/19	COUNCIL AMENDMENTS DATED 08/05/19	G.M	G.M	L.M
A	22/02/19	ISSUED FOR APPROVAL	G.A	G.A	M.R

STATUS
ISSUED FOR CONSTRUCTION

SCALE @ A1
1:100 2 1 0 2 4 A1
1:200 A3
HORIZONTAL
1:50 1 0.5 0 1 2 A1
1:100 A3
VERTICAL

CLIENT
HOME LIVING ESTATE

calibre

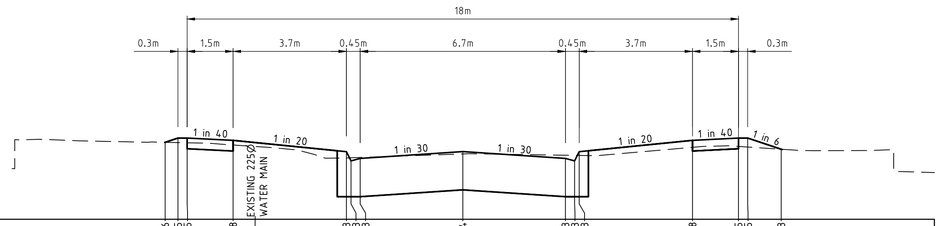
PROJECT
341 BOUNDARY ROAD
MT DUNEED
STAGE 6

DRAWING TITLE
BOUNDARY ROAD
CROSS SECTIONS - 6
CH820.000-CH853.150

PROJECT No.	DRAWING No.	REVISION
16 - 001655.6	C16	1

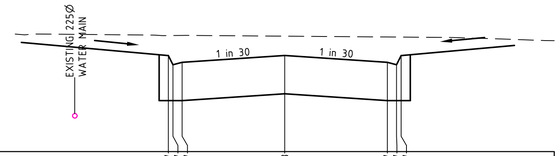
LEGEND

- EXISTING SURFACE
- DESIGN LINE



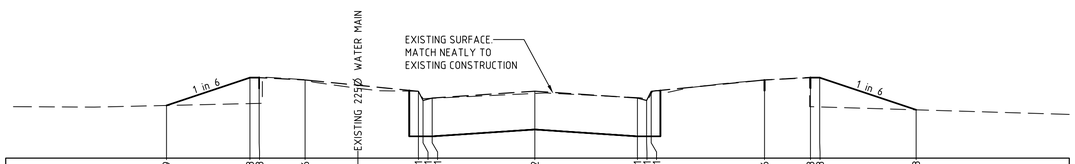
DATUM40.0														
DESIGN SURFACE	41.256	41.325	41.325	41.288	41.103	40.993	40.993	41.104	40.993	40.993	41.103	41.288	41.325	41.325	41.143
EXISTING SURFACE	41.256	41.251	41.248	41.212	41.001	41.004	41.009	41.066	41.045	41.043	41.041	41.174	41.189	41.179	41.143
OFFSET	-9.719	-9.300	-9.000	-7.500	-3.800	-3.650	-3.350	0.000	3.350	3.650	3.800	7.500	9.000	9.300	10.396

CH 620.000



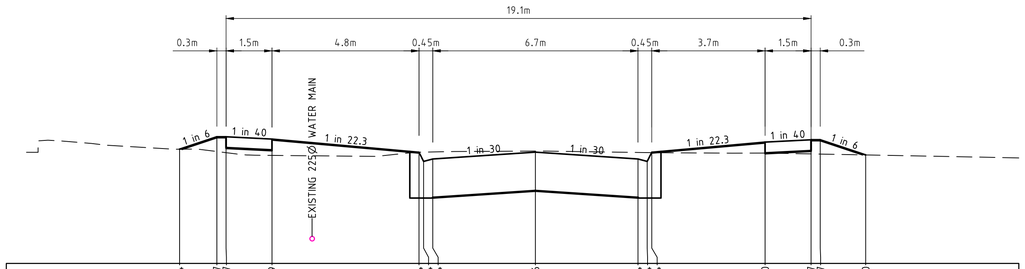
DATUM39.0														
DESIGN SURFACE	40.567	40.517	40.457	40.568	40.457	40.417	40.367
EXISTING SURFACE	40.893	40.892	40.895	40.883	40.870	40.869	40.868
OFFSET	-3.800	-3.650	-3.350	0.000	3.350	3.650	3.800

TPCH 655.460



DATUM40.0														
DESIGN SURFACE	40.859	41.313	41.313	41.276	41.091	40.941	40.981	41.092	40.981	40.941	41.091	41.276	41.313	41.313	40.788
EXISTING SURFACE	40.859	40.890	40.894	41.279	41.093	40.971	40.977	41.056	40.987	40.961	41.051	41.275	40.840	40.836	40.788
OFFSET	-12.024	-9.300	-9.000	-7.500	-3.800	-3.650	-3.350	0.000	3.350	3.650	3.800	7.500	9.000	9.300	12.450

CH 617.595



DATUM39.0														
DESIGN SURFACE	40.864	41.067	41.067	41.029	40.814	40.664	40.704	40.816	40.704	40.664	40.814	40.980	41.017	41.017	40.770
EXISTING SURFACE	40.864	40.826	40.807	40.763	40.815	40.816	40.819	40.833	40.811	40.809	40.807	40.800	40.787	40.784	40.770
OFFSET	-11.616	-10.399	-10.099	-8.599	-3.800	-3.650	-3.350	0.000	3.350	3.650	3.800	7.500	9.000	9.300	10.783

CH 640.000

REVISION	DATE	ISSUE DETAILS	DESIGN	DRAWN	CHECK
0	10/02/20	AVIATION DRIVE ADDED	R.K	R.K	J.C

STATUS

ISSUED FOR CONSTRUCTION

SCALE @ A1

1:100 2 1 0 2 4 A1
1:200 A3
HORIZONTAL

1:50 1 0.5 0 1 2 A1
1:100 A3
VERTICAL

CLIENT

HOME LIVING ESTATE

calibre

PROJECT

341 BOUNDARY ROAD
MT DUNEED
STAGE 6

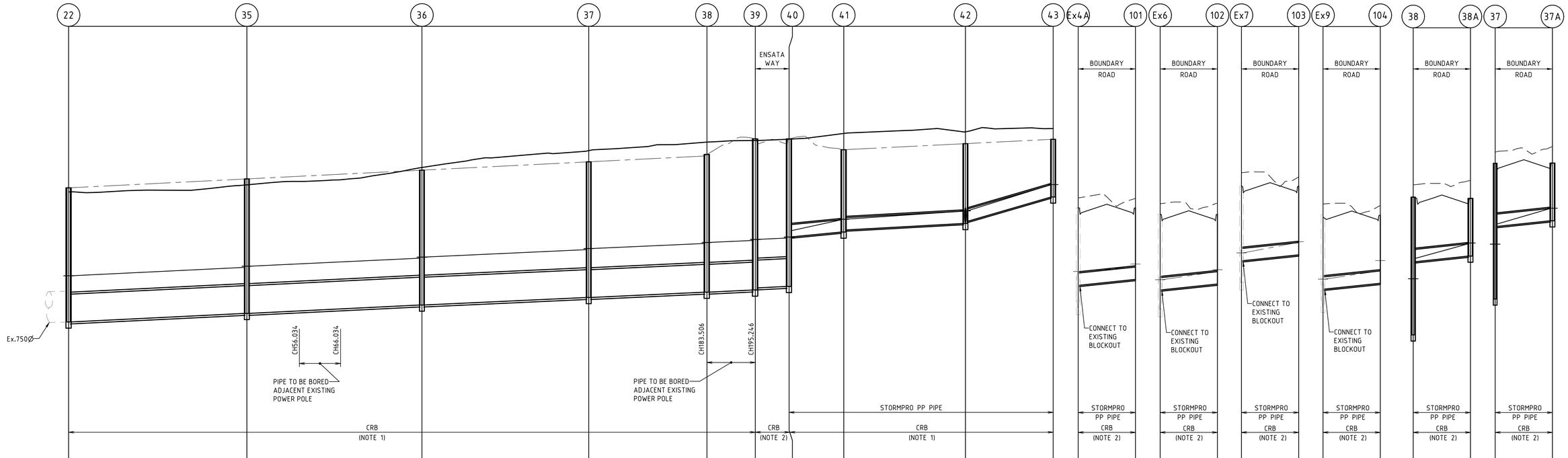
DRAWING TITLE

BOUNDARY ROAD
AVIATION DRIVE
CROSS SECTIONS

PROJECT No.	DRAWING No.	REVISION
16 - 001655.6	C17	0

LEGEND

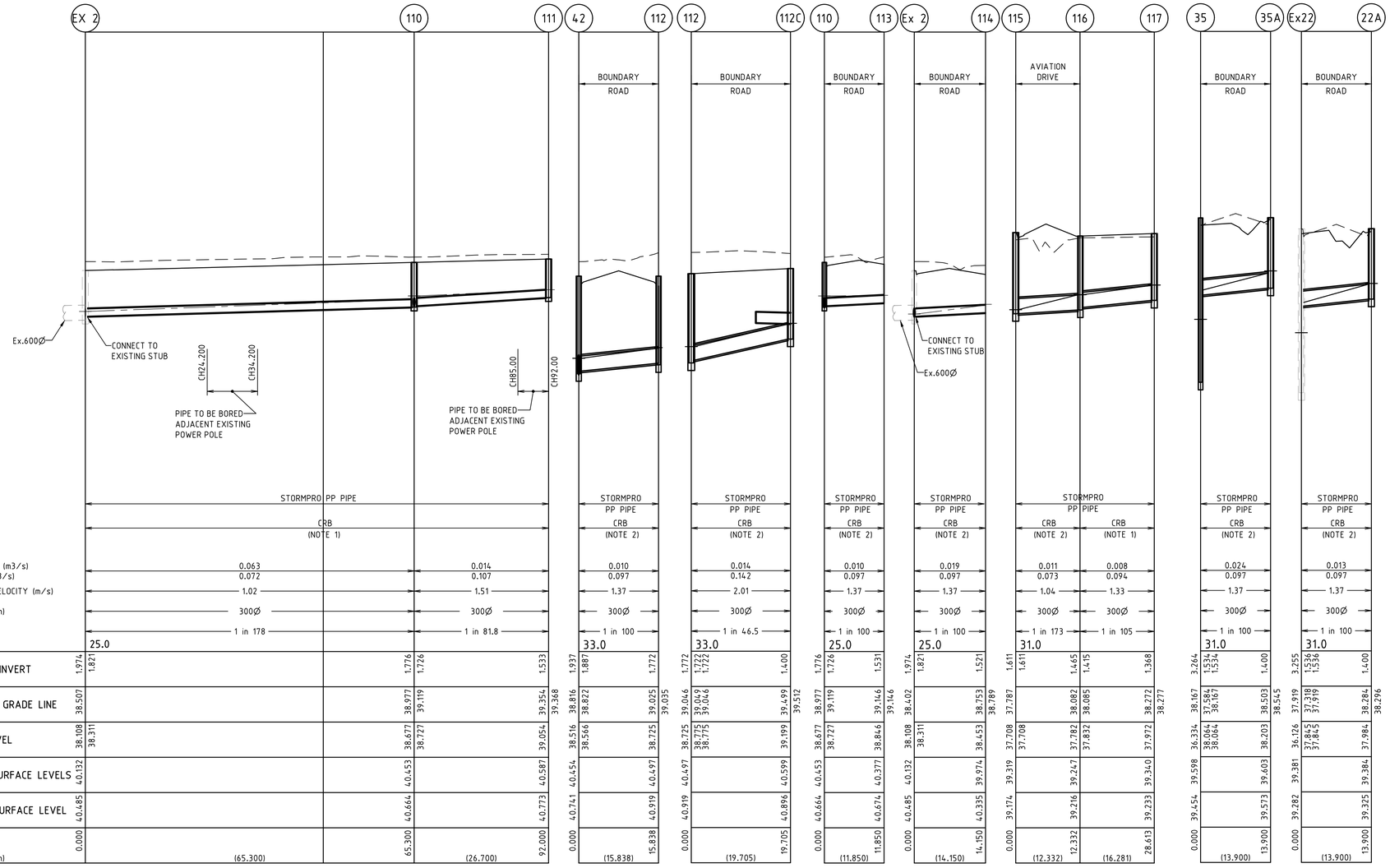
- EXISTING SURFACE
- DESIGN SURFACE
- DRAINAGE PIPE/PIT
- EXISTING DRAINAGE PIPE/PIT
- HYDRAULIC GRADE LINE



| | | |

LEGEND

- EXISTING SURFACE
- DESIGN SURFACE
- DRAINAGE PIPE/PIT
- EXISTING DRAINAGE PIPE/PIT
- HYDRAULIC GRADE LINE



PIT SCHEDULE											
PIT NAME	TYPE	INTERNAL		INLET		OUTLET		PIT		STANDARD DRAWING	REMARKS
		WIDTH (mm)	LENGTH (mm)	DIA	INV LEV	DIA	INV LEV	SETOUT RL	DEPTH		
Ex.2	SIDE ENRTY PIT	Ex.900	Ex.900	Ex.600	38.158	Ex.600	38.108	40.132	2.024	SD410 & SD430	MODIFY EXISTING JUNCTION PIT TO SIDE ENTRY PIT
				300	38.311						CONNECT TO EXISTING 300Ø BLOCKOUT.
				300	38.311						
Ex.4A	SIDE ENTRY PIT	Ex.1200	Ex.900	Ex.900	35.506	Ex.900	35.456	37.906	2.450	SD410 & SD430	MODIFY EXISTING JUNCTION PIT TO SIDE ENTRY PIT
				300	36.021						CONNECT TO EXISTING 300Ø BLOCKOUT.
Ex.6	SIDE ENTRY PIT	Ex.1050	Ex.900	Ex.750	36.456	Ex.750	36.406	38.748	2.342	SD410 & SD430	MODIFY EXISTING JUNCTION PIT TO SIDE ENTRY PIT
				300	36.909						CONNECT TO EXISTING 300Ø BLOCKOUT.
Ex.7	SIDE ENTRY PIT	Ex.1050	Ex.900	Ex.750	37.104	Ex.750	37.054	39.430	2.376	SD410 & SD430	MODIFY EXISTING JUNCTION PIT TO SIDE ENTRY PIT
				300	37.617						CONNECT TO EXISTING 300Ø BLOCKOUT.
Ex.9	SIDE ENTRY PIT	Ex.900	Ex.900	Ex.600	37.459	Ex.600	37.509	39.740	2.231	SD410 & SD430	MODIFY EXISTING JUNCTION PIT TO SIDE ENTRY PIT
				300	37.927						CONNECT TO EXISTING 300Ø BLOCKOUT.
Ex.22	JUNCTION PIT	Ex.900	Ex.1050	Ex.750	36.176	Ex.750	35.707	39.381	3.255	SD420	CONNECT 675 DIA PIPE TO EXISTING STUB
				675	36.126						
				300	37.845						
22A	SIDE ENTRY PIT	600	900			300	37.984	39.384	1.400	SD430	
35	SIDE ENTRY PIT	900	900	675	36.334	675	37.066	36.334	3.264	SD410 & SD430	HAUNCH PIT TO 600 x 900 COVER.
				300	38.064						
35A	SIDE ENTRY PIT	600	900			300	38.203	39.603	1.400	SD430	
36	SIDE ENTRY PIT	900	900	675	36.538	675	37.286	36.538	3.272	SD410 & SD430	HAUNCH PIT TO 600 x 900 COVER.
37	SIDE ENTRY PIT	900	900	675	36.220	675	37.631	36.220	3.292	SD410 & SD430	HAUNCH PIT TO 600 x 900 COVER.
				300	38.479						
37A	SIDE ENTRY PIT	600	900			300	38.618	40.018	1.400	SD430	
38	JUNCTION PIT	900	900	675	36.849	675	37.873	36.849	3.342	SD410 & SD420	HAUNCH PIT TO 600 x 900 COVER.
				300	38.622						
38A	SIDE ENTRY PIT	600	900			300	38.761	40.161	1.400	SD430	
39	SIDE ENTRY PIT	900	900	675	36.952	675	38.001	36.902	3.667	SD410 & SD430	HAUNCH PIT TO 600 x 900 COVER.
40	SIDE ENTRY PIT	900	900	300	38.189	675	38.106	36.989	3.580	SD410 & SD430	HAUNCH PIT TO 600 x 900 COVER. PROVIDE 2m LONG 675Ø STUB, IL37.039 AT 1:250
41	SIDE ENTRY PIT	900	900	300	38.359	300	38.309	40.306	1.997	SD410 & SD430	HAUNCH PIT TO 600 x 900 COVER.
42	SIDE ENTRY PIT	900	900	300	38.566	300	38.516	40.454	1.937	SD410 & SD430	HAUNCH PIT TO 600 x 900 COVER.
43	JUNCTION PIT	600	900			300	39.160	40.560	1.533	SD 420	
101	END PIPE					300	36.160	37.906	1.746		END PIPE TO BE CAPPED PRIOR TO BACKFILLING
102	END PIPE					300	37.048	38.748	1.700		END PIPE TO BE CAPPED PRIOR TO BACKFILLING
103	END PIPE					300	37.756	39.438	1.674		END PIPE TO BE CAPPED PRIOR TO BACKFILLING
104	END PIPE					300	38.066	39.740	1.674		END PIPE TO BE CAPPED PRIOR TO BACKFILLING
110	SIDE ENTRY PIT	600	900	300	38.727	300	38.677	40.453	1.776	SD430	
				300	38.727			40.453	1.776		
111	JUNCTION PIT	600	900							SD420	
112	SIDE ENTRY PIT	600	900			300	38.725	40.497	1.772	SD430	
112A	SIDE ENTRY PIT	600	900			300x225	40.074	40.668	0.594	SD430	
112B	SIDE ENTRY PIT	600	900	300x225	40.020	300	40.020	40.668	0.648	SD430	
112C	JUNCTION PIT	600	900			300	39.199	40.599	1.400	SD420	
113	END PIPE					300	38.846	40.377	1.531		END PIPE TO BE CAPPED PRIOR TO BACKFILLING
114	END PIPE					300	38.453	39.974	1.521		END PIPE TO BE CAPPED PRIOR TO BACKFILLING
115	SIDE ENTRY PIT	600	900			375	37.708	39.343	1.635	SD430	CONSTRUCT PIT OVER EXISTING PIPE AND CONNECT
116	GRATED SIDE ENTRY PIT	600	900	300	37.832	300	37.782	39.247	1.465	SD475	
117	SIDE ENTRY PIT	600	900			300	37.972	39.340	1.368	SD430	

NOTES

1. PIPE TRENCHES WITHIN THE ROAD RESERVE MUST BE BACKFILLED WITH 20mm NOM. SIZE CLASS 3 CRUSHED ROCK TO BE COMPACTED TO A DRY DENSITY NOT LESS THAN 98% MODIFIED RELATIVE COMPACTION IN 150mm THICK LAYER FOR THE FOLLOWING:
   - BENEATH DRIVEWAY CROSSOVERS TO THE UNDERSIDE OF THE PAVEMENT OR CROSSOVER.
   - ADJACENT TO KERBING OR CONCRETE WORKS TO A LEVEL THAT IS NOT AFFECTED BY A 45 DEGREE ANGLE OF REPOSE FROM NEAR THE LOWER EDGE.
2. ALL PIPES UNDER ROADS SHALL BE BACKFILLED WITH 2% STABILISED SAND TO SPRINGLINE. ABOVE THIS POINT, PROVIDE 20mm NOMINAL SIZE CLASS 3 FINE CRUSHED ROCK (WETMIX) COMPACTED TO 98% MODIFIED COMPACTION IN 150mm MAXIMUM LAYER.
3. ALL DRAINAGE PIPES TO BE SPIGOT-SOCKET RUBBER RING JOINTED (RRJ). DRAINAGE PIPES GREATER THAN 750Ø WITHSTANDING THE ABOVE, MAY BE FLUSH.
4. ALL DRAINAGE PIPES SHALL BE STORMPRO POLYPROPYLENE PIPE, UNLESS OTHERWISE NOTED.
5. WHERE PITS DROP LESS THAN 50mm, THE PIT FLOOR MUST BE SHAPED TO MATCH THE LOWER HALF OF THE PIPE.
6. ALL SPLAYED SECTIONS OF PIPE ARE TO BE BACKFILLED WITH 2% STABILIZED SAND, 300mm ABOVE TOP OF PIPE

REINFORCED CONCRETE PIPES

ALL STORMWATER DRAINAGE PIPES SHALL NOT BE SUBJECTED TO CONSTRUCTION TRAFFIC LOADING DURING CONSTRUCTION UNLESS THE PIPE STRENGTH CHARACTERISTICS HAVE BEEN COMPUTED AND APPROVED BY THE CONTRACTORS ENGINEER. COMPUTATIONS ARE TO ACCORD WITH AS.3725-1989, LOADS ON BURIED PIPES. CONCRETE PIPES DAMAGED DUE TO CONSTRUCTION LOADS SHALL BE REPAIRED AT THE CONTRACTORS COST.

REVISION	DATE	ISSUE DETAILS	DESIGN	DRAWN	CHECK
7	17/06/20	PIT 116 UPDATE	G.M	G.M	J.C
6	16/06/20	PIT 116 UPDATE	G.M	G.M	J.C
5	28/05/20	PITS 112A & 112B ADDED TO PIT SCHEDULE	G.M	G.M	J.C
4	18/03/20	PITS 116 & 117 LEVELS REVISED	G.A	G.A	J.C
3	10/02/20	PIT 112 AND PIT SCHEDULE AMENDED, 115 TO 117 ADDED	R.K	R.K	J.C
2	28/02/20	PIT SCHEDULE AMENDED	R.K	R.K	J.C
1	14/12/19	DRAIN 42 TO 112 AND PIT SCHEDULE AMENDED	R.K	R.K	J.C
0	09/08/19	ISSUED FOR CONSTRUCTION	G.M	G.M	J.C
C	05/08/19	COUNCIL AMENDMENTS DATED 01/08/19	G.M	G.M	J.C
B	09/07/19	COUNCIL AMENDMENTS DATED 08/05/19	G.M	G.M	L.M
A	22/02/19	ISSUED FOR APPROVAL	G.A	G.A	M.R

STATUS
ISSUED FOR CONSTRUCTION

SCALE @ A1
1:500 10 5 0 10 20 A1
1:1000 A3
HORIZONTAL
1:50 1 0.5 0 1 2 A1
1:100 A3
VERTICAL

CLIENT
HOME LIVING ESTATE

calibre

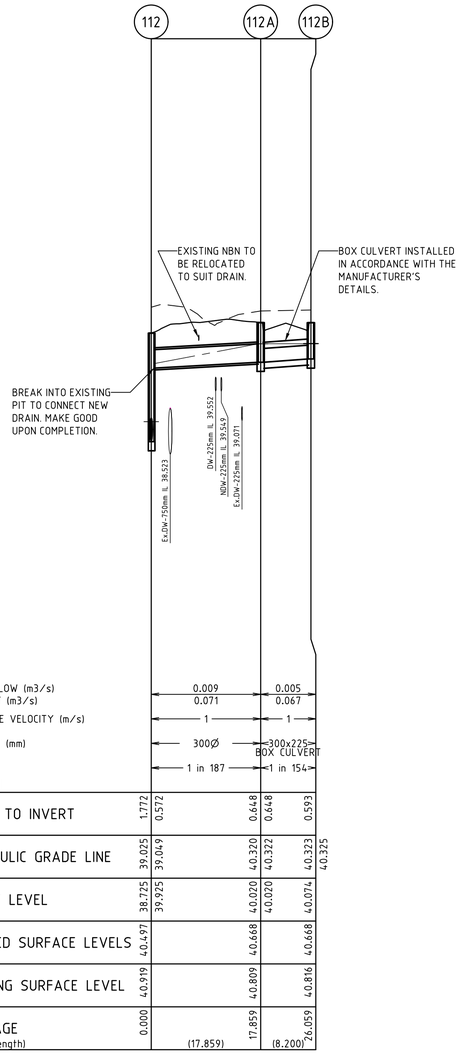
PROJECT
341 BOUNDARY ROAD
MT DUNEED
STAGE 6

DRAWING TITLE
DRAINAGE LONGITUDINAL SECTIONS - 2 & PIT SCHEDULE

PROJECT No.	DRAWING No.	REVISION
16 - 001655.6	C19	7

LEGEND

- EXISTING SURFACE
- DESIGN SURFACE
- DRAINAGE PIPE/PIT
- EXISTING DRAINAGE PIPE/PIT
- HYDRAULIC GRADE LINE



NOTES

1. PIPE TRENCHES WITHIN THE ROAD RESERVE MUST BE BACKFILLED WITH 20mm NOM. SIZE CLASS 3 CRUSHED ROCK TO BE COMPACTED TO A DRY DENSITY NOT LESS THAN 98% MODIFIED RELATIVE COMPACTION IN 150mm THICK LAYER FOR THE FOLLOWING:
   - BENEATH DRIVEWAY CROSSOVERS TO THE UNDERSIDE OF THE PAVEMENT OR CROSSOVER.
   - ADJACENT TO KERBING OR CONCRETE WORKS TO A LEVEL THAT IS NOT AFFECTED BY A 45 DEGREE ANGLE OF REPOSE FROM NEAR THE LOWER EDGE.
2. ALL PIPES UNDER ROADS SHALL BE BACKFILLED WITH 2% STABILISED SAND TO SPRINGLINE. ABOVE THIS POINT, PROVIDE 20mm NOMINAL SIZE CLASS 3 FINE CRUSHED ROCK (WETMIX) COMPACTED TO 98% MODIFIED COMPACTION IN 150mm MAXIMUM LAYER.
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4. ALL DRAINAGE PIPES SHALL BE STORMPRO POLYPROPYLENE PIPE, UNLESS OTHERWISE NOTED.
5. WHERE PITS DROP LESS THAN 50mm, THE PIT FLOOR MUST BE SHAPED TO MATCH THE LOWER HALF OF THE PIPE.
6. ALL SPLAYED SECTIONS OF PIPE ARE TO BE BACKFILLED WITH 2% STABILIZED SAND, 300mm ABOVE TOP OF PIPE

REINFORCED CONCRETE PIPES

ALL STORMWATER DRAINAGE PIPES SHALL NOT BE SUBJECTED TO CONSTRUCTION TRAFFIC LOADING DURING CONSTRUCTION UNLESS THE PIPE STRENGTH CHARACTERISTICS HAVE BEEN COMPUTED AND APPROVED BY THE CONTRACTORS ENGINEER. COMPUTATIONS ARE TO ACCORD WITH AS.3725-1989, LOADS ON BURIED PIPES. CONCRETE PIPES DAMAGED DUE TO CONSTRUCTION LOADS SHALL BE REPAIRED AT THE CONTRACTORS COST.

REVISION	DATE	ISSUE DETAILS	DESIGN	DRAWN	CHECK
0	28/05/20	ISSUED FOR CONSTRUCTION	G.M	G.M	J.C

STATUS: **ISSUED FOR CONSTRUCTION**

SCALE @ A1: 1:500 A1, 1:1000 A3 — HORIZONTAL (10 5 0 10 20); 1:50 A1, 1:100 A3 — VERTICAL (1 0.5 0 1 2)

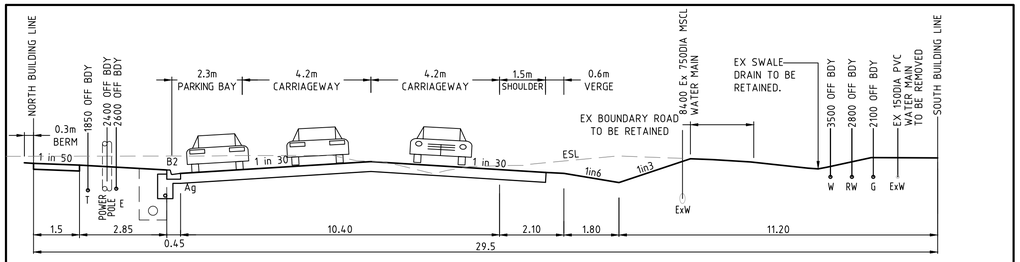
CLIENT: HOME LIVING ESTATE

calibre

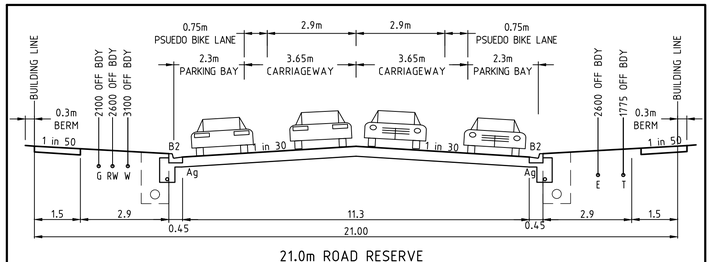
PROJECT: 341 BOUNDARY ROAD MT DUNEED STAGE 6

DRAWING TITLE: DRAINAGE LONGITUDINAL SECTIONS - 3

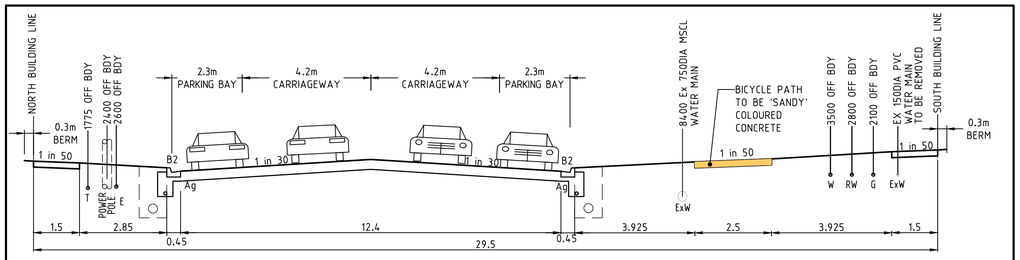
PROJECT No. 16 - 001655.6 | DRAWING No. C19A | REVISION 0



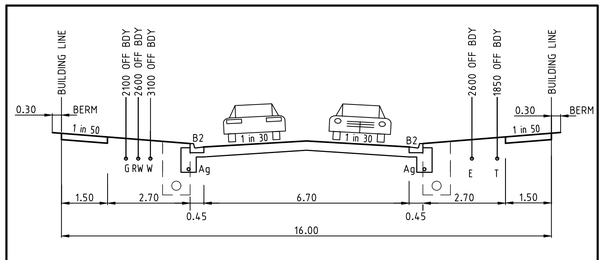
29.5m ROAD RESERVE (INTERIM)
TWO WAY CROSS FALL
BOUNDARY ROAD



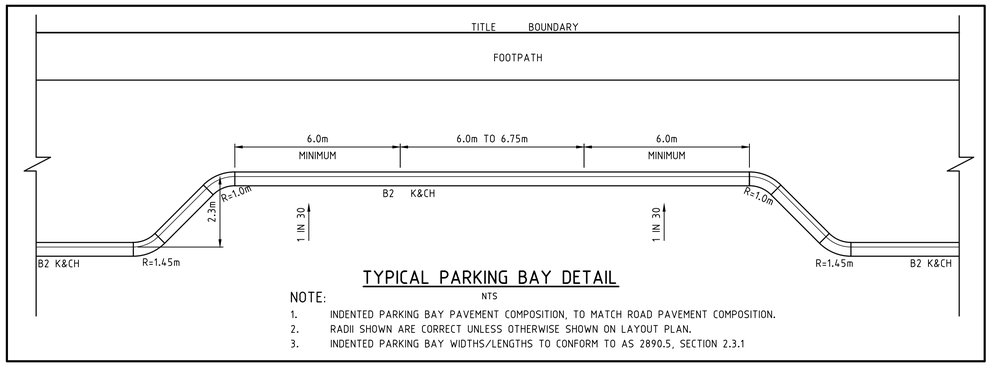
21.0m ROAD RESERVE
TWO WAY CROSS FALL
SILVER WATTLE ROAD & CALLISTEMON ROAD



29.5m ROAD RESERVE (ULTIMATE)
TWO WAY CROSS FALL
FUTURE BOUNDARY ROAD

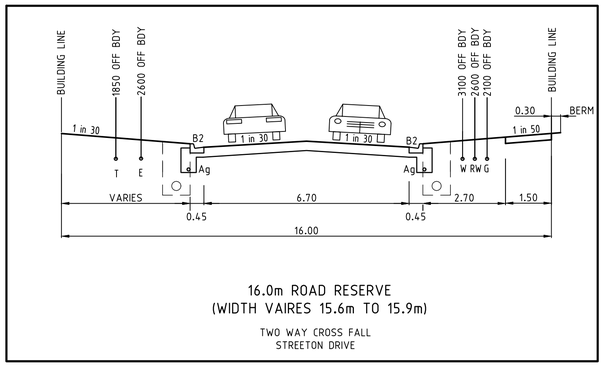


16.0m ROAD RESERVE
TWO WAY CROSS FALL
ENSATA WAY

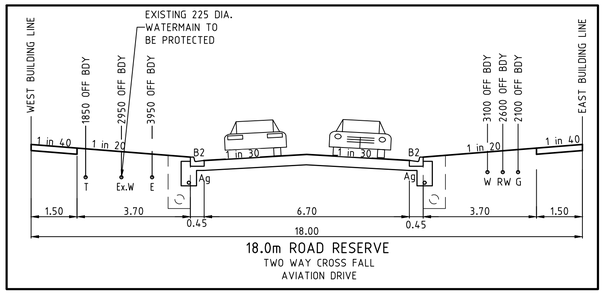


TYPICAL PARKING BAY DETAIL
NTS

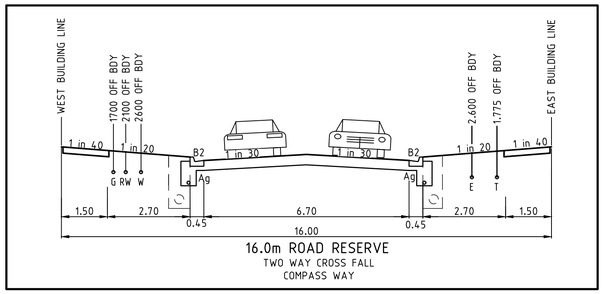
NOTE:
1. INDENTED PARKING BAY PAVEMENT COMPOSITION, TO MATCH ROAD PAVEMENT COMPOSITION.
2. RADII SHOWN ARE CORRECT UNLESS OTHERWISE SHOWN ON LAYOUT PLAN.
3. INDENTED PARKING BAY WIDTHS/LENGTHS TO CONFORM TO AS 2890.5, SECTION 2.3.1



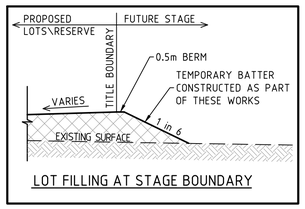
16.0m ROAD RESERVE
(WIDTH VAIRES 15.6m TO 15.9m)
TWO WAY CROSS FALL
STREETON DRIVE



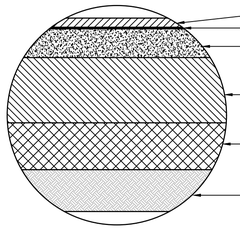
18.0m ROAD RESERVE
TWO WAY CROSS FALL
AVIATION DRIVE



16.0m ROAD RESERVE
TWO WAY CROSS FALL
COMPASS WAY

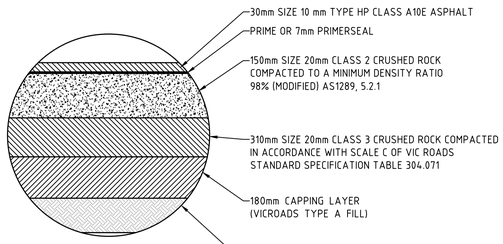


LOT FILLING AT STAGE BOUNDARY



PAVEMENT COMPOSITION
AVIATION DRIVE
465mm DEPTH
NTS

NOTE: AS NOTED IN THE IDM SECTION 12.7.9, COMPACTION TESTING OF THE SUBGRADE IS ONLY REQUIRED IN AREAS OF FILL.



PAVEMENT COMPOSITION
(CONNECTOR STREET)
BOUNDARY ROAD
670mm DEPTH
NTS

GENERAL NOTES

1. THE WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT INFRASTRUCTURE DESIGN MANUAL STANDARD DRAWINGS AND GREATER GEELONG CITY COUNCIL STANDARD DRAWINGS AND SPECIFICATIONS. WORKS TO BE CARRIED OUT TO THE SATISFACTION OF COUNCIL'S SUPERVISING OFFICER.
2. THE CONTRACTOR IS RESPONSIBLE FOR SAFETY OF WORK ON SITE IN ACCORDANCE WITH APPROPRIATE LEGISLATION. THEY SHALL ERECT AND MAINTAIN ALL SHORING, PLANKING AND STRUTTING, DEWATERING DEVICES, BARRICADES, SIGNS, LIGHTS, ETC. NECESSARY TO KEEP WORKS IN A SAFE AND STABLE CONDITION, AND TO PROTECT THE PUBLIC FROM HAZARDS ASSOCIATED WITH THE WORKS.
3. THE CONTRACTOR SHALL:
   3.1. COMPLY WITH THE "SAFETY PRECAUTIONS IN TRENCHING OPERATIONS" (CODE OF PRACTICE No.8, 1998)
   3.2. NOTIFY WORK SAFE OF HIS INTENTION TO COMMENCE TRENCHING OPERATIONS WHERE TRENCHES ARE 1.5 METRES OR DEEPER.
   3.3. ENSURE THAT THE MINE MANAGER OR HIS DEPUTY AS REQUIRED BY THE REGULATIONS IS IN ATTENDANCE WHEN TRENCHING OPERATIONS ARE IN PROGRESS.
4. THE CONTRACTOR IS TO NOTIFY COUNCIL AND ALL SERVICE AUTHORITIES SEVEN (7) DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
5. THE LOCATION OF EXISTING SERVICES SHOULD BE DETERMINED BY THE CONTRACTOR PRIOR TO COMMENCING ANY EXCAVATION BY CONTACTING ALL RELEVENT SERVICE AUTHORITIES. ANY EXISTING SERVICES SHOWN ON THE DRAWINGS ARE OFFERED AS A GUIDE ONLY AND ARE NOT GUARANTEED AS CORRECT.
6. REDGUM TREES MARKED ON THE APPROVED PLANS FOR REMOVAL MUST BE REMOVED IN ACCORDANCE WITH COUNCIL'S PLANNING PERMIT. NO EXCAVATION SHALL BE CARRIED OUT WITHIN THE TREE PROTECTION ZONE OF ANY EXISTING TREE WITHOUT WRITTEN APPROVAL FROM COUNCIL'S SUPERVISING OFFICER.
7. ALL ROAD CHAINAGES ARE MEASURED ALONG THE ROAD CENTRELINE EXCEPT KERB RETURNS AND COURTHEADS, WHERE LIP OF KERB CHAINAGES ARE SPECIFIED. ALL DIMENSIONS AND RADII ARE GIVEN TO THE LIP OF KERB. DO NOT SCALE OFF THESE DRAWINGS, WRITTEN DIMENSIONS ONLY SHALL BE USED.
8. ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM.
9. WHEN ENGAGED IN BLASTING OPERATIONS THE CONTRACTOR SHALL NOT BLAST WITHIN 4.5m OF AN EXISTING LINE OF WATER, GAS OR SEWER PIPES OR WITHIN 15m OF ANY COMPLETED PART OF THE WORKS WITHOUT THE CONSENT OF THE SUPERINTENDENT.
10. ALL EXCAVATED OR FILLED AREAS OUTSIDE THE ROAD RESERVES TO BE STRIPPED OF TOPSOIL AND STOCKPILED PRIOR TO EARTHWORKS COMMENCING. THESE AREAS SHALL BE SURFACED WITH A 150mm LAYER OF TOPSOIL AS SPECIFIED.
11. NO TOPSOIL TO BE REMOVED FROM SITE.
12. NO FILL OR STOCKPILING OF MATERIAL IS TO BE PLACED ON ANY RESERVE UNLESS DIRECTED BY THE SUPERINTENDENT.
13. FILLING ON ALLOTMENTS AND UNDER ROAD PAVEMENTS TO HAVE LEVEL 1 SUPERVISION IN ACCORDANCE WITH AS3798-1996. INDIVIDUAL LOT CERTIFICATES ARE TO BE PROVIDED TO THE SUPERINTENDENT.
14. FILLING UNDER DRIVEWAYS AND FOOTPATH IS TO BE APPROVED BY THE SUPERINTENDENT AND CONSTRUCTED IN LAYERS 150mm DEPTH. COMPACTION ACHIEVING 98% AUSTRALIAN STANDARD DENSITY.
15. CUT AND FILL BATTERS ARE NOT TO EXCEED 1 in 6 UNLESS SHOWN OTHERWISE.
16. ALL DRAINAGE PIPES ARE TO BE SPIGOT-SOCKET RUBBER RING JOINTED.
17. ALL DRAINAGE TRENCHES UNDER PARKING BAYS, DRIVEWAYS, FOOTPATHS AND BEHIND KERB & CHANNEL, SHALL BE BACKFILLED WITH CRUSHED ROCK AS SPECIFIED.
18. ALL PIPES UNDER ROADS SHALL BE BACKFILLED WITH 2% STABILIZED SAND TO SPRINGLINE. ABOVE THIS POINT, PROVIDE 20mm NOM. SIZE CLASS 3 FINE CRUSHED ROCK (WETMIX) COMPACTED TO 98% MODIFIED COMPACTION IN 150mm MAXIMUM LAYER.
19. PROPERTY INLETS AS PER INFRASTRUCTURE DESIGN MANUAL (IDM)STANDARD DRAWING SD 520 ARE TO BE LOCATED 1.0m FROM LOW SIDE BOUNDARY UNLESS SHOWN OTHERWISE.
20. ALL HOUSE DRAIN CONNECTIONS ARE TO BE LOCATED NO CLOSER THAN 6.0m FROM THE SIDE BOUNDARY OR FROM EASEMENT ALONG THE SIDE BOUNDARY UNLESS NOTED OTHERWISE AND CONNECTED DIRECTLY TO UNDERGROUND DRAIN OR PIT. HOUSE DRAIN LOCATION TO BE MARKED (50mm STAMPED IMPRESSION) ON THE TOP OF THE KERB.
21. SUBSOIL DRAINS SHALL BE INSTALLED BEHIND OR BELOW ALL KERB AND CHANNEL AS PER INFRASTRUCTURE DESIGN MANUAL SD145.
22. CONDUIT LOCATIONS ARE SUBJECT TO AMENDMENT AND CONDUITS SHALL NOT BE LAID UNTIL WRITTEN APPROVAL IS GIVEN BY THE SUPERINTENDENT. CONDUITS TO BE EXTENDED TO PROPERTY LINE AND ARE REQUIRED WHEN CONNECTIONS EXTEND UNDER ROAD PAVEMENT, FOOTPATH OR OTHER INFRASTRUCTURE. BOTH KERBS ARE TO BE MARKED (50mm STAMPED IMPRESSION) WITH THE LETTERS E (ELECTRICAL), G (GAS), T (TELEPHONE), W (WATER) AND C (COUNCIL COMMUNICATION) ABOVE CONDUIT LOCATION.
23. ALL SERVICING TRENCHES UNDER ROADS, DRIVEWAYS, FOOTPATHS ETC. ARE TO BE BACKFILLED & COMPACTED WITH F.C.R. IN THE CASE OF TRENCHES UNDER ROADS WHERE BACKFILLING HAS NOT ACHIEVED THE SPECIFIED COMPACTION OR SHOWS EXCESSIVE MOVEMENT UNDER PROOF ROLLING, THE BACKFILLING SHALL BE REMOVED AND REPLACED WITH 2% STABILISED COMPACTED F.C.R.
24. NO COMMUNICATION PITS ARE TO BE LOCATED IN THE FOOTPATH.
25. VEHICULAR CROSSINGS TO BE LOCATED CLEAR OF DRAINAGE PITS, SEWER MAINTENANCE HOLES AND EXISTING TREES. VEHICLE CROSSINGS TO BE 1m FROM PROPERTY BOUNDARY OR EASEMENT UNLESS OTHERWISE SHOWN. VEHICULAR CROSSINGS TO BE CONSTRUCTED AS PER GREATER CITY OF GEELONG STANDARD DRAWING.
26. ALL PEDESTRIAN CROSSING TO BE IN ACCORDANCE WITH INFRASTRUCTURE DESIGN MANUAL SD200.
27. ALL STREET SIGNS TO BE IN ACCORDANCE INFRASTRUCTURE DESIGN MANUAL STANDARD DRAWINGS. STREET SIGNS TO BE ATTACHED TO LIGHT POLES USING 'SINGLE DIRECTION COLLAR' OR '90° RIGHT ANGLE COLLAR' UNLESS SHOWN OTHERWISE.
28. ALL PAVEMENT MARKINGS AND TRAFFIC SIGNS SHOULD BE TO AS1742.2 AND AS1742.1 STANDARD RESPECTIVELY. TEMPORARY LINEMARKING TO BE PLACED DURING MAINTENANCE PERIOD PRIOR TO PLACEMENT OF WEARING COURSE. FINAL LINEMARKING TO BE LONG LIFE ROAD MARKING WITH LONGITUDINAL LINES IN THERMOPLASTIC AND TRANSVERSE MARKINGS IN COLD APPLIED.
29. UPON COMPLETION OF CONSTRUCTION THE WHOLE SITE SHALL BE CLEANED UP, GRADED, ALL RUBBISH REMOVED AND LEFT IN A CLEAN AND TIDY CONDITION TO THE SATISFACTION OF THE SUPERINTENDENT.
30. ALL AREAS OF SUBDIVISION EXPOSED OF VEGETATION, INCLUDING NATURE STRIPS, LOTS AND RESERVES ARE TO BE FULLY GRASSED BY HYDRO MULCHING, WATERED AND MAINTAINED, UNTILL THE END OF MAINTENANCE PERIOD.
31. ALL SUMPS IN PRECAST CONCRETE PITS ARE TO BE INFILLED WITH CONCRETE FLUSH TO THE INVERT LEVEL OF THE OUTLET PIPE, UNLESS APPROVED OTHERWISE BY THE COUNCIL WORKS INSPECTOR.
32. CITY OF GREATER GEELONG REQUIRES CCTV OF ALL DRAINAGE PIPES AND PITS, PRIOR TO THE ISSUE OF THE STATEMENT OF COMPLIANCE

NOTE:
ASPHALT TO BE 5mm PROUD OF LIP OF KERB FOR ALL KERB PROFILES EXCEPT M3 KERB AND EDGE STRIP

REVISION	DATE	ISSUE DETAILS	DESIGN	DRAWN	CHECK
2	28/05/20	COLOURED CONCRETE TO BICYCLE PATH ADDED	G.M	G.M	J.C
1	10/02/20	AVIATION DRIVE DETAILS ADDED	R.K	R.K	J.C
0	09/08/19	ISSUED FOR CONSTRUCTION	G.M	G.M	J.C
C	05/08/19	COUNCIL AMENDMENTS DATED 01/08/19	G.M	G.M	J.C
B	09/07/19	COUNCIL AMENDMENTS DATED 08/05/19	G.M	G.M	L.M
A	22/02/19	ISSUED FOR APPROVAL	G.A	G.A	M.R

STATUS: ISSUED FOR CONSTRUCTION

SCALE @ A1

CLIENT: HOME LIVING ESTATE

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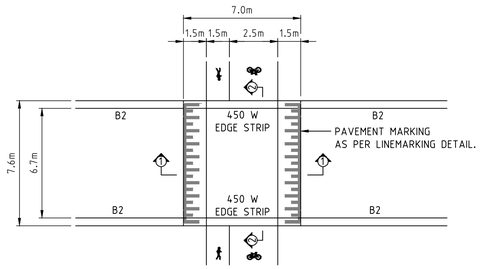
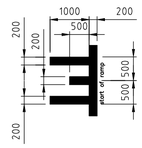
PROJECT: 341 BOUNDARY ROAD MT DUNEED STAGE 6

DRAWING TITLE: GENERAL NOTES & DETAILS

PROJECT No. 16 - 001655.6 | DRAWING No. C20 | REVISION 2



PLAN
N.T.S.



LINEMARKING DETAIL
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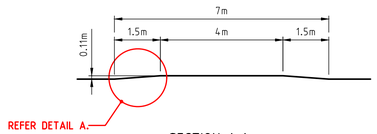

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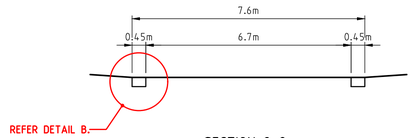

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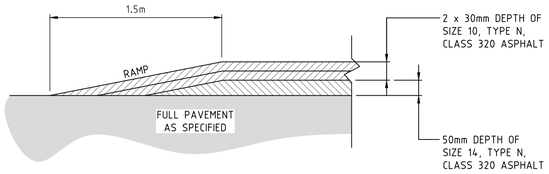

DETAIL A
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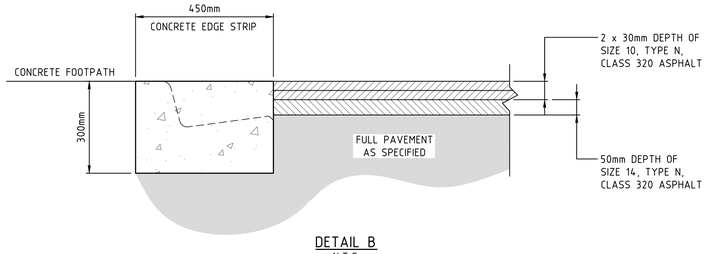

DETAIL B
N.T.S.

RAISED PAVEMENT DETAILS

N.T.S

NOTES:

1. REFER TO DRAWING C21 FOR SIGNAGE AND LINEMARKING PLAN.
2. ROAD HUMPS LINEMARKING TO BE 2mm THICKNESS COLD APPLIED PLASTIC.
3. LINEMARKING SETOUT SHALL BE INSPECTED BY COUNCIL PRIOR TO FINAL LINEMARKING BEING CARRIED OUT.

REVISION	DATE	ISSUE DETAILS	DESIGN	DRAWN	CHECK
0	28/05/20	ISSUED FOR CONSTRUCTION	G.M	G.M	J.C

STATUS: ISSUED FOR CONSTRUCTION

SCALE @ A1

CLIENT: HOME LIVING ESTATE

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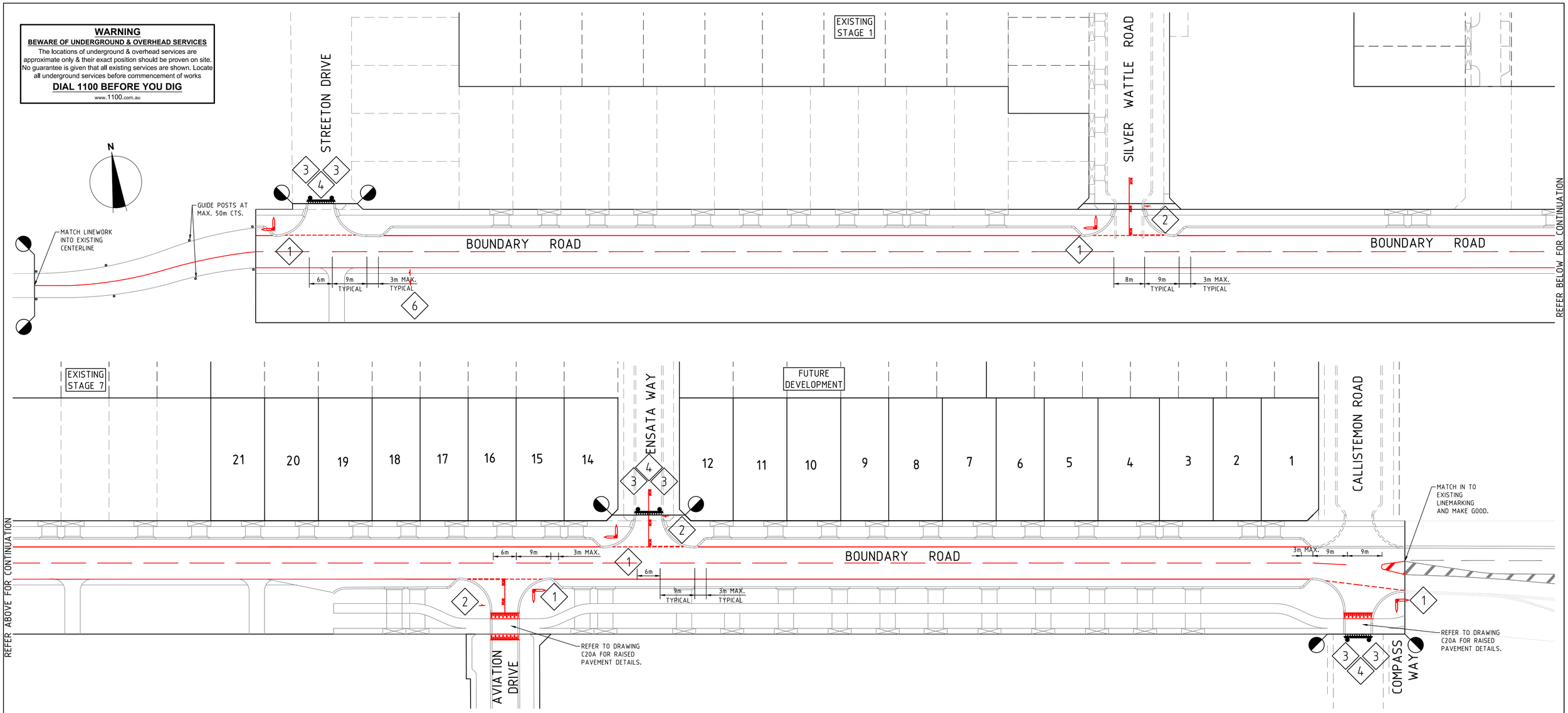
PROJECT: 341 BOUNDARY ROAD MT DUNEED STAGE 6

DRAWING TITLE: DETAILS - 2

PROJECT No.	DRAWING No.	REVISION
16 - 001655.6	C20A	0

WARNING
BEWARE OF UNDERGROUND & OVERHEAD SERVICES
The locations of underground & overhead services are approximate only & their exact position should be proven on site. No guarantee is given that all existing services are shown. Locate all underground services before commencement of works
DIAL 1100 BEFORE YOU DIG
www.1100.com.au



SIGN SCHEDULE

SIGN	REF	Nos
STREET SIGN	1	REFER STREET SIGN SCHEDULE
GIVE WAY R1-2	2	2
D4-5A	3	6

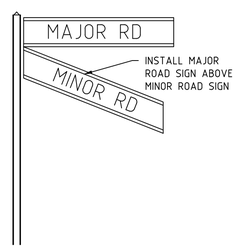
SIGN	REF	Nos
ROAD CLOSED T2-4A	4	3
D4-V101	5	2
W4-3A	6	1

STREET SIGN SCHEDULE

STREET NAME	Nos
BOUNDARY RD	4
STREETON DR	1
SILVER WATTLE RD	1
ENSATA WAY	1
COMPASS WAY	1

SPEED LIMIT SIGNAGE NOTE:

APPLICATION TO VICROADS FOR 50 OR 60 SPEED LIMIT SIGNS TO BE MADE BY COUNCIL.



STREET SIGN LAYOUT
NTS

LINEMARKING & SIGNAGE NOTES:

1. ALL LINE MARKING AND SIGNAGE TO BE INSTALLED IN ACCORDANCE WITH AS 1742.1 AND AS 1742.2, UNLESS SPECIFICALLY SHOWN OTHERWISE.

2. LINEMARKING IS TO BE INSTALLED USING EXTRUDED LONG LIFE THERMOPLASTIC PAINT. TEMPORARY LINEMARKING USING ORDINARY PAINT IS TO BE APPLIED WHEN WEARING COURSE ASPHALT IS NOT APPLIED FOR A PERIOD OF TIME E.G. AT PRACTICAL COMPLETION.

3. ALL TEMPORARY WARNING SIGNS USED DURING CONSTRUCTION SHALL BE IN ACCORDANCE WITH AS 1742-3.

4. LINEMARKING SET OUT SHALL BE INSPECTED AND APPROVED BY COUNCIL BEFORE FINAL LINEMARKING IS CARRIED OUT.

REVISION	DATE	ISSUE DETAILS	DESIGN	DRAWN	CHECK
4	18/06/20	COUNCIL COMMENTS DATED 18/06/20	G.M	G.M	J.C
3	28/05/20	AVIATION DR/COMPASS WAY RAISED PAVEMENT ADDED	G.M	G.M	J.C
2	18/03/20	CALLISTEMON RD INTERSECTION REMOVED & COMPASS WAY INTERSECTION ADDED	G.A	G.A	J.C
1	10/02/20	AVIATION DRIVE INTERSECTION ADDED	R.K	R.K	J.C
0	09/08/19	ISSUED FOR CONSTRUCTION	G.M	G.M	J.C
B	09/07/19	COUNCIL AMENDMENTS DATED 08/05/19	G.M	G.M	L.M
A	22/02/19	ISSUED FOR APPROVAL	G.A	G.A	M.R

STATUS: **ISSUED FOR CONSTRUCTION**

SCALE @ A1: 1:500 (10 5 0 10 20) A1; 1:1000 A3

CLIENT: **HOME LIVING ESTATE**

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PROJECT: **341 BOUNDARY ROAD MT DUNEED STAGE 6**

DRAWING TITLE: **SIGNAGE & LINEMARKING PLAN**

PROJECT No.	DRAWING No.	REVISION
16 - 001655.6	C21	4

REVISION	DATE	ISSUE DETAILS	DESIGN	DRAWN	CHECK
1	10/02/10	AVIATION DRIVE ADDED	R.K	R.K	J.C
0	09/08/19	ISSUED FOR CONSTRUCTION	G.M	G.M	J.C
B	09/07/19	COUNCIL AMENDMENTS DATED 08/05/19	G.M	G.M	L.M
A	22/02/19	ISSUED FOR APPROVAL	G.A	G.A	M.R

STATUS

ISSUED FOR CONSTRUCTION

SCALE @ A1

1:500 10 5 0 10 20 A1
1:1000 A3

CLIENT

HOME LIVING ESTATE

calibre

PROJECT

341 BOUNDARY ROAD
MT DUNEED
STAGE 6

DRAWING TITLE

SUBDIVISION SETOUT PLAN

PROJECT No.	DRAWING No.	REVISION
16 - 001655.6	C22	1