Kingston Coast Estate - Stage 6

Ocean Grove

LOCALITY PLAN
SCALE @ A1 - 1 : 5,000

NOTES:

1. ALL WORKS IN THIS CONTRACT ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT CITY OF GEELONG (COGG) STANDARD SPECIFICATIONS FOR ROADWORKS AND DRAINAGE.
2. ALL ROADWORKS SIGNAGE IS TO BE IN ACCORDANCE WITH VICROADS WORKSITE TRAFFIC MANAGEMENT CODE OF PRACTISE INCORPORATING AS1742.3.

SITE MANAGEMENT :

3. ALL WORKS ARE TO BE UNDERTAKEN IN ACCORDANCE WITH THE APPROVED CONSTRUCTION MANAGEMENT PLAN.
4. ALL TREES, SHRUB etc. ARE TO BE RETAINED UNLESS OTHERWISE INDICATED.
5. DURING THE CONSTRUCTION AND MAINTENANCE PERIOD SILT FENCES ARE TO BE PLACED DOWNSTREAM OF ALL EXPOSED AREAS, AND SILT BARRIERS ARE TO BE PLACED UPSTREAM OF ALL PITS. THE SILT FENCES AND SILT BARRIERS ARE TO BE CHECKED AND MAINTAINED UNTIL THE END OF THE MAINTENANCE PERIOD.
6. ALL AREAS OF THE SUBDIVISION EXPOSED OF VEGETATION, INCLUDING NATURESTRIPS, LOTS AND RESERVE ARE TO BE FULLY GRASSED BY HYDRO MULCHING, WATERED AND MAINTAINED UNTIL THE END OF THE MAINTENANCE PERIOD.

GENERAL :

7. THE CONTRACTOR SHALL:
   - a. 48 HOURS NOTICE IN WRITING TO COGG SUBDIVISIONS ENGINEER OR REPRESENTATIVE PRIOR TO THE COMMENCEMENT OF WORKS.
   - b. NOTIFY COGG SUBDIVISIONS ENGINEER OR REPRESENTATIVE 24 HOURS PRIOR TO WORKING ON ANY WEEKEND.
   - c. BE FULLY AWARE OF ALL SITE CONDITIONS PRIOR TO TENDERING.
   - d. BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES PRIOR TO THE COMMENCEMENT OF WORKS AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE SERVICES.
   - e. BE RESPONSIBLE FOR THE INSTALLATION OF ALL SERVICES REQUIRED FOR THE PROJECT.
   - f. ENSURE THAT ALL SERVICES ARE INSTALLED TO THE SPECIFIED OFFSETS AND MEETS MINIMUM COVER REQUIREMENTS. ALL SURFACE FIXTURES, PITS VALVES, FIREPLUGS, etc. SHALL BE INSTALLED A MINIMUM OF 5m FROM ANY SIDE BOUNDARY AND SHALL MATCH THE REQUIRED FINISHED SURFACE LEVEL. THIS APPLIES TO ALL SERVICES REQUIRED FOR THE PROJECT IRRESPECTIVE IF THEY ARE INSTALLED BY THE CONTRACTOR OR OTHERWISE.
   - g. COMPLY WITH THE REQUIREMENTS OF THE MINES ACT 1958 AND RELEVANT REGULATIONS INCLUDING NOTIFICATION IN WRITING (CLAUSE 385) TO THE CHIEF MINING INSPECTOR OF THE INTENTION TO COMMENCE EXCAVATION OPERATIONS WHERE ANY TRENCH IS 1.5m OR MORE IN DEPTH.
   - h. GIVE 24 HOURS NOTICE TO COGG SUBDIVISIONS ENGINEER OR REPRESENTATIVE PRIOR TO BACKFILLING OF ANY PIPE TRENCHES OR LAYING OF ANY PAVEMENT OR CONCRETE WORKS SO THAT THE WORKS CAN BE CHECKED AND APPROVED.
   - i. COMPLY WITH THE OCCUPATIONAL HEALTH AND SAFETY (CONFIED SPACES) REGULATIONS AND CODE OF PRACTICE FOR CONFINED SPACES.
   - j. BE RESPONSIBLE FOR THE COMPACTION TESTING OF THE PAVEMENT MATERIAL BY AN APPROVED GEOTECHNICAL CONSULTANT AS AND WHEN DIRECTED BY COGG SUBDIVISIONS ENGINEER OR REPRESENTATIVE.
8. EXISTING CONSTRUCTION WORKS ARE TO BE CHECKED BY COUNCIL 48hrs PRIOR TO COMMENCEMENT OF ANY FUTURE PAVEMENT WORKS. IF REMEDIAL WORKS ARE NECESSARY TO ENSURE SATISFACTORY CONNECTION, THESE ARE TO BE CARRIED OUT AT THE DEVELOPER'S EXPENSE. AT THE SAME INSPECTION DAMAGE TO EXISTING WORKS WILL BE DETERMINED, OTHERWISE THE CONTRACTOR WILL BE HELD LIABLE.
9. ANY WORKS WITHIN ROADWAYS SHALL SATISFY COUNCIL'S "REQUIREMENTS FOR OCCUPANCY OF ROAD RESERVE". CONTACT COGG TRAFFIC MANAGEMENT OFFICER ON TELEPHONE (03) 5227 0384 FOR FURTHER SPECIFIC DETAILS RELATING TO THIS PROJECT. A COPY OF THE TRAFFIC MANAGEMENT PLAN IS TO BE FORWARDED TO THE COGG SUBDIVISIONS ENGINEER OR REPRESENTATIVE PRIOR TO WORKS COMMENCING.
10. ALL REASONABLE CARE SHALL BE TAKEN BY THE CONTRACTOR TO PRESERVE THE SURVEY PEGS AND ALL BENCHMARKS ARE TO BE CHECKED PRIOR TO THE COMMENCEMENT OF WORKS AND ANY DISCREPANCIES ARE TO BE REPORTED IMMEDIATELY.
11. EXISTING SURFACE LEVELS ARE SHOWN THUS:
12. ALL DIMENSIONS ARE IN METRES AND LEVELS ARE TO AUSTRALIAN HEIGHT DATUM (AHD).

ROADWORKS :

13. SUBSOIL DRAINS ARE TO BE CONSTRUCTED BEHIND THE KERB AND CHANNEL OR AS DIRECTED BY THE COGG SUBDIVISIONS ENGINEER OR REPRESENTATIVE.
14. WHERE DRAINAGE LINES EXIST BEHIND THE KERB AND CHANNEL SUBSOIL DRAINAGE IS NOT REQUIRED HOWEVER A 1m LENGTH OF SUBSOIL DRAIN INCLUDING FILTER SOCK IS REQUIRED BOTH SIDES OF DRAINAGE PITS.
15. ALL FOOTPATHS ARE TO BE A MINIMUM OF 125mm THICK WITH F72 REINFORCEMENT AND BEDDED ON A MINIMUM OF 50mm COMPACTED CLASS 3 FCR WITH THE BEDDING TO EXTEND 100mm BEYOND THE EDGES OF THE PROPOSED FOOTPATH PRIOR TO THE PLACEMENT OF THE TIMBERS AND BOARDS. CONTRACTION JOINTS ARE TO BE CONSTRUCTED AT 12.5m INTERVALS IN ACCORDANCE WITH COGG STANDARD DRAWINGS.
16. WHERE FILLING IS REQUIRED UNDER THE FOOTPATH BEDDING MATERIAL THEN CLASS 4 FCR IS TO BE USED UNLESS OTHERWISE APPROVED BY THE COGG SUBDIVISIONS ENGINEER.
17. CONCRETE FOR KERB AND CHANNEL USED IN EXTRUSION MACHINES SHALL HAVE A MINIMUM CEMENT CONTENT OF 280 kg/m3.
18. CONCRETE FOR STORMWATER PITS IS TO HAVE A MINIMUM STRENGTH OF 32Mpa AT 28 DAYS.
19. CONCRETE FOR ALL OTHER APPLICATIONS IS TO HAVE A MINIMUM STRENGTH OF 25Mpa AT 28 DAYS.
20. TO ALLOW FOR A CONTINUOUS CONCRETE KERB AND CHANNEL POUR THE STORMWATER PIT CONCRETE SURROUND IS TO BE IN PLACE PRIOR TO THE POUR COMMENCING. IF THE PIT SURROUNDS ARE NOT IN PLACE THEN THE INITIAL KERB AND CHANNEL POUR IS TO STOP ONE (1) METRE EITHER SIDE OF EVERY PIT.
21. CLAY SURFACES, INCLUDING NATURE STRIPS, EXPOSED DUE TO CUT AND FILL ARE TO BE COVERED WITH 100mm OF THE BEST APPROVED TOPSOIL MATERIAL AVAILABLE FROM SITE.
22. ALL FILLING PLACED IS TO BE CARRIED OUT UNDER LEVEL 1 SUPERVISION IN ACCORDANCE WITH AS3798-2007. PRIOR TO ANY FILLING ON LOTS ALL TOPSOIL IS TO BE REMOVED AND STOCKPILED. THE FILL MUST BE APPROVED AND CONSOLIDATED IN 150mm COMPACTED LAYERS TO A DRY DENSITY OF 98% STANDARD COMPACTION. THE TOPSOIL IS THEN TO BE UNIFORMLY REPLACED TO A COMPACTED DEPTH OF 100mm. COMPACTION TESTING WILL BE REQUIRED AT THE DISCRETION OF THE COGG SUBDIVISIONS ENGINEER OR REPRESENTATIVE.
23. ALLOTMENTS SHALL BE GRADED TO AN EVEN SURFACE AT THE COMPLETION OF ALL WORKS AND SHALL HAVE A MINIMUM GRADE OF 1 IN 100 TO THEIR NOMINATED DRAINAGE CONNECTION POINTS. ALL SURPLUS SPOIL, BOXTHORN, FENCING, CONSTRUCTION WASTE AND OTHER RUBBISH SHALL BE REMOVED FROM SITE AT THE COMPLETION OF WORKS.
24. BATTER SLOPES ON LOTS SHALL BE A MAXIMUM OF 1 IN 5 FOR FILL AND 1 IN 3 FOR CUT UNLESS OTHERWISE SHOWN.
25. AS PART OF CIVIL WORKS, ROUNDED-TOPPED TREATED PINE BOLLARDS (0.6m HIGH) ARE TO BE PLACED ACROSS THE FRONTAGE OF RESERVE 1 AT 1.5m CENTRES WITH A LOCKED/REMOVABLE BOLLARD CENTRAL TO THE PATH FOR MAINTENANCE ACCESS (REFER TO COUNCIL STANDARD DRAWING CGG701).
26. STREET SIGNS ARE TO BE LOCATED AS INDICATED ON THE PLANS AND INSTALLED IN ACCORDANCE WITH VICROADS TRAFFIC ENGINEERING MANUAL VOLUME 2. MOUNTING HEIGHT IS TO BE TO THE UNDERSIDE OF THE SIGN AND IS TO BE A MINIMUM OF 2.1m AND MAXIMUM OF 3.0m.
27. 'NO THROUGH ROAD' SIGN IS TO BE INSTALLED BELOW THE STREET SIGN WHERE APPLICABLE.
28. ALL REINFORCEMENT USED IN CONCRETE WORKS FOR FOOTPATH DRIVEWAYS AND ROADS IS TO BE ADEQUATELY SUPPORTED BY APPROPRIATE SIZED BAR CHAIRS PRIOR TO THE POURING/PLACEMENT OF CONCRETE.
29. GAS CONDUITS ARE 50mm HEAVY DUTY PVC AND ARE TO EXTEND FROM THE POINT OF SUPPLY TO AT LEAST 500mm BEYOND THE PROPERTY BOUNDARY.
30. AT THE TERMINATION OF STAGED PAVEMENT CONSTRUCTION, A CONCRETE EDGE STRIP 200mm X 200mm AND SUBSOIL DRAIN IS TO BE INSTALLED ACROSS THE WIDTH OF THE PAVEMENT AND A 'NO THROUGH ROAD' AND CHEVRON MARKER SIGNS ARE TO BE INSTALLED ACROSS THE FULL WIDTH OF THE ROAD RESERVE. APPROPRIATE RETAINING WALLS AND FENCING IS TO BE PROVIDED AS DIRECTED BY COGG SUBDIVISIONS ENGINEER OR REPRESENTATIVE.
31. WHERE LINE MARKING NEEDS TO BE REMOVED, THESE LINES ARE TO BE PERMANENTLY REMOVED EITHER BY GRINDING THE OLD LINES OFF OR BY PLACING A SEAL AND GRIT TREATMENT (USING THE 'FLOCON' SYSTEM) OVER THE UNWANTED LINES.
32. LOT NUMBERS SHALL BE STENCILLED IN 50mm HIGH FIGURES WITH WHITE PAINT ON THE FACE OF THE KERB AND CHANNEL.

DRAINAGE :

33. PIPE DRAINAGE WITHIN ROADWAYS TO BE REINFORCED CONCRETE PIPES - CLASS 2 UNLESS OTHERWISE SHOWN.
34. ALL REINFORCED CONCRETE PIPES ARE TO BE RUBBER RING JOINTED.
35. PIPES IN EASEMENTS ARE TO BE RUBBER RING JOINTED OR UPVC SEWER CLASS (SH UPVC UP TO 3.0m DEPTH OR SEH UPVC GREATER THAN 3.0m DEPTH) PIPES WITH SOLVENT CEMENT JOINTS. TRENCHES ARE TO BE BACKFILLED WITH COMPACTED CLAY UNLESS OTHERWISE SHOWN.
36. ALL DRAINAGE PITS IN COUNCIL ROAD RESERVES, DRAINAGE RESERVES AND RECREATION RESERVES ARE TO HAVE LIDS THAT ARE, AT LEAST CLASS D (HEAVY DUTY) IN ACCORDANCE WITH AUSTRALIAN STANDARD AS3996.
37. ALL PITS ARE TO BE SET OUT FROM SURVEY CO-ORDINATES USING SET OUT POINTS DETAILED IN THE COGG STANDARD DRAWINGS.
38. ALL PIPES UNDER ROADS, FOOTPATHS, DRIVEWAYS AND BEHIND BACK OF KERB SHALL BE BACKFILLED WITH 20mm NOMINAL SIZE CLASS 3 FCR (WETMIX) COMPACTED TO 95% MODIFIED COMPACTION IN 150mm MAXIMUM LAYERS.
39. PIPE BEDDING UNDER ROAD PAVEMENTS FROM THE BOTTOM OF PIPE TO THE SPRINGLINE IS TO BE 2% STABILIZED SAND. CLASS 3 FCR IS TO BE PLACED FROM THE SPRINGLINE TO SUBBASE MATERIAL.
40. PIPEWORK AT ALL PITS TO BE WELL ALIGNED TO ENSURE FLOW IS GUIDED TO OUTLET PIPE eg. NOT
41. ALL PIPELINES ARE TO BE INSPECTED VIA REMOTE CAMERA PRIOR TO THE ISSUANCE OF A STATEMENT OF COMPLIANCE AT THE CONTRACTOR'S EXPENSE AND UNDER THE SUPERVISION OF COGG SUBDIVISIONS ENGINEER OR REPRESENTATIVE.
42. PROPERTY INLET PITS ARE SHOWN THUS: AND ARE TO BE LOCATED 1m FROM THE LOW CORNER UNLESS OTHERWISE SHOWN.
43. LOTS DENOTED THUS: 340H ARE TO BE PROVIDED WITH A 100mm DIAMETER CLASS 6 PVC SOCKETED PIPE HOUSE DRAIN LOCATED 6.0m FROM THE LOW CORNER OF THE LOT UNLESS OTHERWISE SHOWN AND SHALL BE CONNECTED DIRECTLY TO UNDERGROUND DRAINS WHERE AVAILABLE.
44. HOUSE DRAINS ARE TO BE A MINIMUM OF 0.5m BELOW FINISHED SURFACE AT THE LOT BOUNDARY UNLESS OTHERWISE SHOWN.
45. EASEMENT DRAIN CONNECTION TO BE A MINIMUM OF 0.5m BELOW FINISHED SURFACE UNLESS OTHERWISE SHOWN.
46. WHEN USING 150mm DIAMETER UPVC PIPES ALL HOUSE DRAINS ARE TO BE CONNECTED USING STANDARD T-PIECE FITTINGS.
47. WHEN USING 225mm DIAMETER OR LARGER UPVC PIPES, HOUSE DRAINS ARE TO BE CONNECTED IN A SIMILAR WAY TO CONCRETE PIPES SUBJECT TO THE INLET BEING CORE DRILLED.
48. WATER AND GAS SERVICE CONDUITS SHALL BE LOCATED CLEAT OF ALL DRIVEWAY CROSSINGS AND SHALL EXTEND FROM THE POINT OF SUPPLY TO AT LEAST 500mm INSIDE THE HOUSE LOT TO BE SERVICED AND LEFT EXPOSED UNTIL INSPECTED BY COGG SUBDIVISIONS ENGINEER. WATER CONDUITS ARE TO BE LOCATED AT LEAST 5m FROM SIDE BOUNDARY, WHEREAS GAS CONDUITS ARE TO BE LOCATED 2m FROM "NON-DRIVEWAY" SIDE BOUNDARY OF LOT TO BE SERVICED. CONDUIT TRENCHES ARE TO BE BACKFILLED WITH CLASS 3 FCR.
49. THE LOCATION OF HOUSE DRAINS (H) AND SERVICE CONDUITS (W ,G, T AND E) ARE TO BE NEATLY ETCHED ON THE KERB FACE WITH 50mm HIGH LETTERS.
50. IN ROAD RESERVE EXISTING OPEN DRAINS ARE TO BE CLEANED OUT TO AND APPROVED BASE AND ANY SPOIL IS TO BE REMOVED FROM THE SITE. STRUCTURAL FILL (CLASS 4 MINIMUM) IS TO BE PLACED IN NOT MORE THAN 150mm LAYERS AND COMPACTED TO A MINIMUM OF 98% STANDARD COMPACTION. COMPACTION TESTS ARE TO BE PROVIDED TO THE SATISFACTION OF COGG SUBDIVISIONS ENGINEER OR REPRESENTATIVE.
51. WHERE DRAINAGE PITS ARE LESS THAN 1800mm DEEP NO HAUNCHING IS REQUIRED (REFER TO SD00302). WHERE DRAINAGE PITS ARE GREATER THAN 1800mm DEEP THEY WILL REQUIRE HAUNCHING TO FORM 900mm MIN WIDE BASE (REFER SD00301). IN THIS INSTANCE PARTICULAR NOTE OF WALL THICKNESSES IS TO BE MADE AND ADHERED TO.
52. ALL SEWER MANHOLES LOCATED WITHIN FOOTPATHS ARE TO BE POSITIONED AND ROTATED SO THAT THEY ARE PLACED CENTRALLY WITHIN THE FOOTPATH TO PREVENT CRACKING.
53. ALL DRAINAGE PITS ARE TO BE FITTED WITH TERRA-FIRMA PIT LIDS.

GREATER GEELONG CITY COUNCIL
PLANNING ENVIRONMENT ACT 1987
GREATER GEELONG PLANNING SCHEME

Endorsed Plan
Planning Permit No: PP-1263-2011
Cert-15374
Sheet 1 of 30
Approved By Angelica Kirtley
Approved Date 19/01/2023

NOTE: THIS IS NOT A BUILDING APPROVAL

PLANNING PERMIT No 1263/2011

SHEET INDEX

SHEET No.	VERSION No.	DESCRIPTION
1	C	GENERAL NOTES.
2	C	FACEPLAN AND SERVICES SCHEDULE.
3	C	COASTAL BOULEVARD LONGITUDINAL SECTION (CH-14.9.88-CH82.94).
4	C	COASTAL BOULEVARD LONGITUDINAL SECTION (CH82.94-CH289.32).
5	C	COASTAL BOULEVARD CROSS SECTIONS (CH0.00-CH142.22).
6	C	COASTAL BOULEVARD CROSS SECTIONS (CH160.00-CH289.32).
7	C	DUNEVIEW DRIVE LONGITUDINAL SECTION.
8	C	DUNEVIEW DRIVE CROSS SECTIONS (CH0.00-CH139.06).
9	C	DUNEVIEW DRIVE CROSS SECTIONS (CH160.75-CH277.28).
10	C	LIMESTONE WAY LONGITUDINAL SECTION & CROSS SECTIONS.
11	C	PEAK WAY LONGITUDINAL SECTION & CROSS SECTIONS.
12	C	GRASSTREE DRIVE LONGITUDINAL SECTION & CROSS SECTIONS.
13	C	SUNNYSIDE STREET LONGITUDINAL SECTION & CROSS SECTIONS.
14	C	COASTAL BOULEVARD/PEAK WAY INTERSECTION DETAIL - (1:125)
15	C	COASTAL BOULEVARD/GRASSTREE DRIVE INTERSECTION DETAIL - (1:125)
16	C	COASTAL BOULEVARD/SUNNYSIDE STREET INTERSECTION DETAIL - (1:125)
17	C	DUNEVIEW DRIVE/PEAK WAY INTERSECTION DETAIL - (1:125)
18	C	LIMESTONE WAY/DUNEVIEW DRIVE INTERSECTION DETAIL - (1:125)
19	C	DRAINAGE LONGITUDINAL SECTION ('A' LINE).
20	C	DRAINAGE LONGITUDINAL SECTION ('B' LINE).
21	C	DRAINAGE LONGITUDINAL SECTION ('C' LINE).
22	C	DRAINAGE LONGITUDINAL SECTION ('D' LINE).
23	C	DRAINAGE LONGITUDINAL SECTIONS ('E' & 'F' LINES).
24	C	DRAINAGE LONGITUDINAL SECTIONS ('G', 'H' & 'I' LINES).
25	C	DRAINAGE LONGITUDINAL SECTIONS ('J'-'P' LINES) INCLUSIVE.
26	C	DRAINAGE PIT & SETOUT SCHEDULES
27	C	STREET SIGNAGE PLAN
28	C	STREET SIGNAGE PLAN
29	C	STREET SIGNAGE PLAN
30	C	PLAN OF SUBDIVISION

AMENDMENTS	
18.01.23	VERSION C
DATE	DESCRIPTION

A1

Peter Berry & Associates Pty. Ltd.
Civil Engineers
153 Yarra Street
Geelong Victora 3220
Telephone: 5223 2799

MELWAY REF. 484G7	KINGSTON COAST ESTATE STAGE 6		MUNICIPALITY GREATER GEELONG
SURVEYED			REFERENCE 1503 E/6
DESIGNED P.J.B			
DRAWN C.S.			
CHECKED	SCALE AS SHOWN	DATUM AHD	DATE JUN '22	SHEET 1 OF 30

NOTE:

- * WHERE LOT FRONTAGES ARE LESS THAN 12.50m THE DRIVEWAY WIDTH IS TO BE A MAXIMUM OF 3.50m.
- WHERE ADJACENT DRIVEWAYS ARE LOCATED ON EACH SIDE OF THE PROPERTY BOUNDARY, THE LAYOUT IS TO BE AS PER OPPOSITE.
- WHERE ADJACENT DRIVEWAYS ARE LOCATED ON EACH SIDE OF THE PROPERTY BOUNDARY, THE LAYOUT IS TO BE AS PER OPPOSITE.

VEHICLE CROSSING DETAILS
(NOT TO SCALE)

WARNING: EXISTING U/GROUND & O/HEAD SERVICES. THE EXACT LOCATIONS ARE TO BE VERIFIED PRIOR TO THE COMMENCEMENT OF ANY WORKS.

SERVICES LOCATION SCHEDULE

STREET NAME	TELECOM	GAS	WATER	ELECTRICITY	KERB
COASTAL BOULEVARD	1.90 S	2.10 N	2.70 N	2.60 S	VARIABLE
DUNEVIEW DR (W OF PEAK WAY)	1.90 S	2.10 N	2.70 N	2.50 S	4.25
DUNEVIEW DR (E OF PEAK WAY)	1.90 N	2.10 S	2.70 S	2.50 N	4.25
LIMESTONE WAY	1.90 E	2.10 W	2.70 W	2.50 E	4.25
PEAK WAY	1.90 E	2.10 W	2.70 W	2.50 E	4.25
GRASSTREE DRIVE	0.50 E	2.10 W	2.70 W	1.20 E	4.25W/1.55E
SUNNYSIDE STREET	0.50 W	2.10 E	2.70 E	1.20 W	4.25E/1.55W

SURVEY MARKS AND LOCATIONS

DESCRIPTION	EASTING	NORTHING	ELEVATION
TBM 'A' STAR PICKET - LOT 616	1991.29	888.43	33.95
TBM 'B' STAR PICKET - LOT 603	2153.35	899.02	31.88
TBM 'C' RIVET IN ROUNDABOUT - OAKDEAN BVD	2193.33	814.67	30.734

GREATER GEELONG CITY COUNCIL
PLANNING ENVIRONMENT ACT 1987
GREATER GEELONG PLANNING SCHEME

Endorsed Plan
Planning Permit No: PP-1263-2011
Cert-15374
Sheet 2 of 30
Approved By Angelica Kirtley
Approved Date 19/01/2023

PLANNING PERMIT No 1263/2011

DEPTH OF FILL
NIL - 0.30
0.30 - 0.60
0.60 - 0.90

CURVE SETOUT DETAIL
(NOT TO SCALE)

CURVE SETOUT TABLE

CURVE	RADIUS (m)	I	T	ARC	a	b	c	d
11	234.00	24°50'02"	51.52	101.422	50.315	5.474	25.306	1.372
12	247.10	18°16'15"	39.735	78.796	39.231	3.134	19.678	0.785
16	122.25	24°50'02"	26.915	52.985	26.286	2.859	13.22	0.717
17	129.75	24°50'02"	28.567	56.236	27.899	3.035	14.032	0.761

NOTE: ALL CURVE RADII LABELLED THUS - 1 ARE TO BACK OF KERB (REFER TO DETAIL SHEETS FOR INTERSECTIONS)

AMENDMENTS	
18.01.23	VERSION C
DATE	DESCRIPTION

A1 1 : 500 10 5 0 10 20 30 METRES

Peter Berry & Associates Pty. Ltd.
Civil Engineers
153 Yarra Street
Geelong Victoria 3220
Telephone: 5223 2799

MELWAY REF. 484G7	KINGSTON COAST ESTATE STAGE 6		MUNICIPALITY GREATER GEELONG
SURVEYED			REFERENCE 1503 E/6
DESIGNED P.J.B			
DRAWN C.S.			
CHECKED	SCALE AS SHOWN	DATUM AHD	DATE JUN '22	SHEET 2 OF 30

SEE SHEET No 4
FOR CONTINUATION

DATUM RL 27.00

| | | |

DATUM RL 26.00

| | | |

125mm F72 RC CYCLE PATH ON
100mm COMPACTED DEPTH
20mm FCR BEDDING
LINE
BUILDING
RL 32.50
CH 85.00
CH 70.00
CH 52.75 ETP
24.00
3.95
10.50
9.55
1.50
2.45
2.00
3.50
3.85
2.50
1.70
0.30
INDENTED PARKING
B3
M2
B2
0.45
0.60
2.50%
2.47%
3.00%
-3.33%

125mm SL72 RC FOOTPATH ON
100mm COMPACTED DEPTH
20mm FCR BEDDING
NORTH
SOUTH
RL 33.00
CH 27.25 WTP
24.00
3.95
13.10
6.95
1.50
2.45
2.00
3.50
1.25
2.50
1.70
0.30
INDENTED PARKING
B3
M2
0.45
0.60
2.50%
2.47%
3.00%
-3.33%

| | | |

COASTAL BOULEVARD CROSS SECTIONS

SCALES - HORIZ. 1 : 100
VERT. 1 : 50

NOTE:
BATTER SLOPES ON LOTS SHALL BE A MAXIMUM OF 1 IN 6 FOR CUT AND FILL UNLESS OTHERWISE SHOWN.

SUBGRADE IMPROVEMENT (IF REQUIRED)
a) 200mm DEPTH 3% LIME & 3% CEMENT STABILIZED SUBGRADE EXTENDING 150mm BEHIND KERB, OR
b) 150mm COMPACTED DEPTH 40mm CLASS 4 FCR

GREATER GEELONG CITY COUNCIL
PLANNING ENVIRONMENT ACT 1987
GREATER GEELONG PLANNING SCHEME

Endorsed Plan
Planning Permit No: PP-1263-2011
Cert-15374
Sheet 6 of 30
Approved By Angelica Kirtley
Approved Date 19/01/2023

PLANNING PERMIT No 1263/2011

AMENDMENTS		
	18.01.23	VERSION C
	DATE	DESCRIPTION

A1

Peter Berry & Associates Pty. Ltd.
Civil Engineers
153 Yarra Street
Geelong Victora 3220
Telephone: 5223 2799

MELWAY REF. 484G7	KINGSTON COAST ESTATE STAGE 6		MUNICIPALITY GREATER GEELONG
SURVEYED			REFERENCE 1503 E/6
DESIGNED P.J.B			
DRAWN C.S.			
CHECKED	SCALE AS SHOWN	DATUM AHD	DATE JUN '22	SHEET 6 OF 30

1 : 100 2 1 0 2 4 6 METRES
1 : 50 1 0.5 0 1 2 3

DATUM RL 25.00

CHAINAGE	DESIGN CENTRELINE	NORTH BUILDING LINE EXISTING SURFACE	NORTH BUILDING LINE FINISHED SURFACE	NORTH BACK OF KERB	SOUTH BACK OF KERB	SOUTH BUILDING LINE FINISHED SURFACE	SOUTH BUILDING LINE EXISTING SURFACE
0.00	35.043	35.35	35.193	35.043	35.043	35.193	35.26
4.05	35.009	35.24	35.159	35.009	35.009	35.159	35.23
10.00	34.957	35.11	35.107	34.957	34.957	35.107	35.19
12.47	34.934	35.10	35.084	34.934	34.934	35.084	35.17
14.69	34.914	35.09	35.064	34.914	34.914	35.064	35.15
18.47	34.878	35.07	35.048	34.878	SEE SHEET 18 FOR INTERSECTION/KERB RETURN DETAILS		35.11
20.00	34.863	35.06	35.041	34.863			35.10
24.13	34.822	35.04	35.021	34.823			35.06
24.84	34.815	35.04	35.018	34.815			35.05
29.27	34.770	35.00	34.995	34.770			35.01
30.00	34.762	34.98	34.987	34.762			35.02
34.00	34.720	34.97	34.945	34.720			35.04
38.78	34.667	34.92	34.893	34.667	34.667	34.893	34.99
40.00	34.654	34.91	34.879	34.654	34.654	34.879	34.98
44.05	34.608	34.88	34.833	34.608	34.608	34.833	34.93
46.74	34.576	34.85	34.801	34.576	34.576	34.801	34.90
50.00	34.537	34.81	34.763	34.538	34.538	34.763	34.86
60.00	34.414	34.66	34.639	34.414	34.414	34.639	34.74
65.02	34.349	34.60	34.574	34.349	34.349	34.574	34.69
70.00	34.282	34.52	34.507	34.282	34.282	34.507	34.64
74.00	34.227	34.46	34.453	34.227	34.227	34.453	34.58
78.75	34.161	34.40	SEE SHEET 17 FOR INTERSECTION/KERB RETURN DETAILS		34.161	34.386	34.51
80.00	34.143	34.38			34.143	34.368	34.49
81.06	34.128	34.37			34.128	34.353	34.48
84.05	34.085	34.33			34.085	34.310	34.44
86.75	34.045	34.31			34.045	34.270	34.40
90.00	33.998	34.27			33.998	34.223	34.35
94.75	33.928	34.23			33.928	34.154	34.29
97.06	33.895	34.20			33.895	34.120	34.25
99.50	33.859	34.17	34.084	33.859	33.859	34.084	34.22
100.00	33.852	34.17	34.077	33.852	33.852	34.077	34.21
110.00	33.706	34.02	33.931	33.706	33.706	33.931	34.07
111.06	33.690	34.01	33.915	33.690	33.690	33.915	34.06
120.00	33.560	33.88	33.785	33.560	33.560	33.785	33.95
125.06	33.486	33.81	33.711	33.486	33.486	33.711	33.89
126.75	33.461	33.79	33.686	33.461	33.461	33.686	33.86
130.00	33.414	33.75	33.639	33.414	33.414	33.639	33.77
139.06	33.281	33.61	33.507	33.282	33.282	33.507	33.57
140.00	33.268	33.59	33.493	33.268	33.268	33.493	33.56
146.75	33.169	33.46	33.394	33.169	33.169	33.394	33.51
150.00	33.122	33.40	33.347	33.122	33.122	33.347	33.49
153.06	33.077	33.34	33.302	33.077	33.077	33.302	33.43
160.00	32.976	33.22	33.201	32.976	32.976	33.201	33.28
160.75	32.965	33.21	33.190	32.965	32.965	33.190	33.27
165.56	32.895	33.13	33.120	32.895	32.895	33.120	33.17
167.45	32.867	33.10	33.092	32.867	32.867	33.092	33.12
170.00	32.830	33.07	33.055	32.830	32.830	33.055	33.07
176.75	32.732	32.98	32.957	32.732	32.732	32.957	32.94
178.06	32.713	32.96	32.939	32.713	32.714	32.939	32.92
180.00	32.686	32.93	32.911	32.686	32.686	32.911	32.89
190.00	32.544	32.77	32.769	32.544	32.544	32.769	32.73
192.75	32.506	32.74	32.731	32.506	32.506	32.731	32.69
194.06	32.488	32.72	32.713	32.488	32.488	32.713	32.67
200.00	32.406	32.65	32.631	32.406	32.406	32.631	32.58
208.75	32.286	32.54	32.511	32.286	32.286	32.511	32.47
210.00	32.269	32.52	32.494	32.269	32.269	32.494	32.45
210.06	32.269	32.52	32.494	32.269	32.269	32.494	32.45
217.45	32.170	32.43	32.395	32.170	32.170	32.395	32.36
220.00	32.136	32.41	32.361	32.136	32.136	32.361	32.33
222.67	32.100	32.37	32.335	32.100	32.100	32.335	32.29
224.62	32.075	32.35	32.300	32.075	32.075	32.300	32.27
226.29	32.053	32.33	32.278	32.053	32.053	32.278	32.25
230.00	32.005	32.28	32.230	32.005	32.005	32.230	32.21
238.44	31.896	32.18	32.121	31.896	31.896	32.121	32.11
240.00	31.876	32.15	32.101	31.876	31.876	32.101	32.10
241.31	31.860	32.13	32.085	31.860	31.860	32.085	32.08
250.00	31.750	32.00	31.975	31.750	31.750	31.975	31.98
254.79	31.691	31.93	31.916	31.691	31.691	31.916	31.92
254.94	31.689	31.93	31.914	31.689	31.689	31.914	31.92
260.00	31.627	31.88	31.852	31.627	31.627	31.852	31.86
267.45	31.537	31.80	31.762	31.537	31.537	31.762	31.77
269.51	31.512	31.78	31.737	31.512	31.512	31.737	31.75
270.00	31.506	31.77	31.731	31.506	31.506	31.731	31.74
277.28	31.419	31.68	31.644	31.419	31.419	31.644	31.66

WTP CTP ETP CTP WTP ETP CTP CTP

DUNEVIEW DRIVE LONGITUDINAL SECTION

SCALES - HORIZ. 1 : 500
VERT. 1 : 50

GREATER GEELONG CITY COUNCIL
PLANNING ENVIRONMENT ACT 1987
GREATER GEELONG PLANNING SCHEME

Endorsed Plan
Planning Permit No: PP-1263-2011
Cert-15374
Sheet 7 of 30
Approved By Angelica Kirtley
Approved Date 19/01/2023

PLANNING PERMIT No 1263/2011

AMENDMENTS	
18.01.23	VERSION C
DATE	DESCRIPTION

A1 1 : 500 10 5 0 10 20 30 METRES
1 : 50 1 0.5 0 1 2 3

Peter Berry & Associates Pty. Ltd.
Civil Engineers
153 Yarra Street
Geelong Victoria 3220
Telephone: 5223 2799

MELWAY REF. 484G7
SURVEYED
DESIGNED P.J.B
DRAWN C.S.
CHECKED

KINGSTON COAST ESTATE
STAGE 6

SCALE AS SHEET | DATUM AHD | DATE JUN '22

MUNICIPALITY GREATER GEELONG
REFERENCE 1503 E/6
SHEET 7 OF 30

SUBGRADE IMPROVEMENT (IF REQUIRED)

a) 200mm DEPTH 3% LIME & 3% CEMENT STABILIZED SUBGRADE EXTENDING 150mm BEHIND KERB, OR

b) 150mm COMPACTED DEPTH 40mm CLASS 4 FCR

GREATER GEELONG CITY COUNCIL
PLANNING ENVIRONMENT ACT 1987
GREATER GEELONG PLANNING SCHEME

Endorsed Plan
Planning Permit No: PP-1263-2011
Cert-15374
Sheet 8 of 30
Approved By Angelica Kirtley
Approved Date 19/01/2023

PLANNING PERMIT No 1263/2011

DUNEVIEW DRIVE CROSS SECTIONS

SCALES - HORIZ. 1 : 100
VERT. 1 : 50

NOTE:
BATTER SLOPES ON LOTS SHALL BE A MAXIMUM OF 1 IN 6 FOR CUT AND FILL UNLESS OTHERWISE SHOWN.

AMENDMENTS		
	18.01.23	VERSION C
	DATE	DESCRIPTION

A1 1 : 100 2 1 0 2 4 6 METRES
1 : 50 1 0.5 0 1 2 3

Peter Berry & Associates Pty. Ltd.
Civil Engineers
153 Yarra Street
Geelong Victora 3220
Telephone: 5223 2799

MELWAY REF. 484G7	KINGSTON COAST ESTATE STAGE 6		MUNICIPALITY GREATER GEELONG
SURVEYED			REFERENCE 1503 E/6
DESIGNED P.J.B			
DRAWN C.S.			
CHECKED	SCALE AS SHOWN	DATUM AHD	DATE JUN '22	SHEET 8 OF 30

SUBGRADE IMPROVEMENT (IF REQUIRED)

a) 200mm DEPTH 3% LIME & 3% CEMENT STABILIZED SUBGRADE EXTENDING 150mm BEHIND KERB, OR

b) 150mm COMPACTED DEPTH 40mm CLASS 4 FCR

DUNEVIEW DRIVE CROSS SECTIONS

SCALES - HORIZ. 1 : 100
VERT. 1 : 50

NOTE:
BATTER SLOPES ON LOTS SHALL BE A MAXIMUM OF 1 IN 6 FOR CUT AND FILL UNLESS OTHERWISE SHOWN.

GREATER GEELONG CITY COUNCIL
PLANNING ENVIRONMENT ACT 1987
GREATER GEELONG PLANNING SCHEME

Endorsed Plan
Planning Permit No: PP-1263-2011
Cert-15374
Sheet 9 of 30
Approved By Angelica Kirtley
Approved Date 19/01/2023

PLANNING PERMIT No 1263/2011

AMENDMENTS	
18.01.23	VERSION C
DATE	DESCRIPTION

A1 1 : 100 2 1 0 2 4 6 METRES
1 : 50 1 0.5 0 1 2 3

Peter Berry & Associates Pty. Ltd.
Civil Engineers
153 Yarra Street
Geelong Victora 3220
Telephone: 5223 2799

MELWAY REF. 484G7
SURVEYED
DESIGNED P.J.B
DRAWN C.S.
CHECKED

KINGSTON COAST ESTATE
STAGE 6

SCALE AS SHOWN DATUM AHD DATE JUN '22

MUNICIPALITY GREATER GEELONG
REFERENCE 1503 E/6
SHEET 9 OF 30

NOTE:
SEE SHEET No 18 FOR INTERSECTION / KERB RETURN DETAILS

DATUM RL 26.00

DESIGN CENTRELINE	34.810	34.834	34.834	34.825	34.812	34.789	34.786	34.755
WEST BUILDING LINE EXISTING SURFACE	35.06	35.08	35.09	35.10	35.10	35.11	35.11	35.11
WEST BUILDING LINE FINISHED SURFACE	34.960	34.984	34.984	34.975	34.962	34.939		
WEST BACK OF KERB	34.810	34.834	34.834	34.825	34.812	34.789		
EAST BACK OF KERB	34.810	34.834	34.834	34.825	34.812			
EAST BUILDING LINE FINISHED SURFACE	34.960	34.984	34.984	34.975	34.962			
EAST BUILDING LINE EXISTING SURFACE	34.97	34.99	35.00	35.01	35.02	35.04		
CHAINAGE	0.00	5.04	6.21	10.08	12.60	17.23	17.87	21.01
			HP		ETP	WTP		

LIMESTONE WAY LONGITUDINAL SECTION

SCALES - HORIZ. 1 : 500
VERT. 1 : 50

LIMESTONE WAY CROSS SECTIONS

SCALES - HORIZ. 1 : 100
VERT. 1 : 50

NOTE:
BATTER SLOPES ON LOTS SHALL BE A MAXIMUM OF 1 IN 6 FOR CUT AND FILL UNLESS OTHERWISE SHOWN.

SUBGRADE IMPROVEMENT (IF REQUIRED)
a) 200mm DEPTH 3% LIME & 3% CEMENT STABILIZED SUBGRADE EXTENDING 150mm BEHIND KERB, OR
b) 150mm COMPACTED DEPTH 40mm CLASS 4 FCR

GREATER GEELONG CITY COUNCIL
PLANNING ENVIRONMENT ACT 1987
GREATER GEELONG PLANNING SCHEME

Endorsed Plan
Planning Permit No: PP-1263-2011 Cert-15374
Sheet 10 of 30
Approved By Angelica Kirtley
Approved Date 19/01/2023

NOTE: THIS IS NOT A BUILDING APPROVAL

PLANNING PERMIT No 1263/2011

AMENDMENTS	
18.01.23	VERSION C
DATE	DESCRIPTION

A1 — 1 : 500 10 5 0 10 20 30 / 1 : 100 2 1 0 2 4 6 METRES / 1 : 50 1 0.5 0 1 2 3

Peter Berry & Associates Pty. Ltd.
Civil Engineers
153 Yarra Street
Geelong Victora 3220
Telephone: 5223 2799

MELWAY REF. 484G7
SURVEYED
DESIGNED P.J.B
DRAWN C.S.
CHECKED

KINGSTON COAST ESTATE
STAGE 6

SCALE AS SHOWN | DATUM AHD | DATE JUN '22

MUNICIPALITY: GREATER GEELONG
REFERENCE: 1503 E/6
SHEET 10 OF 30

LINE

BUILDING

WEST

EAST

PEAK WAY CROSS SECTIONS

SCALES - HORIZ. 1 : 100
VERT. 1 : 50

GREATER GEELONG CITY COUNCIL
PLANNING ENVIRONMENT ACT 1987
GREATER GEELONG PLANNING SCHEME

Endorsed Plan
Planning Permit No: PP-1263-2011
Cert-15374
Sheet 11 of 30
Approved By Angelica Kirtley
Approved Date 19/01/2023

SUBGRADE IMPROVEMENT (IF REQUIRED)
a) 200mm DEPTH 3% LIME & 3% CEMENT STABILIZED SUBGRADE EXTENDING 150mm BEHIND KERB, OR
b) 150mm COMPACTED DEPTH 40mm CLASS 4 FCR

NOTE:
BATTER SLOPES ON LOTS SHALL BE A MAXIMUM OF 1 IN 6 FOR CUT AND FILL UNLESS OTHERWISE SHOWN.

PEAK WAY LONGITUDINAL SECTION

SCALES - HORIZ. 1 : 500
VERT. 1 : 50

PLANNING PERMIT No 1263/2011

AMENDMENTS	
18.01.23	VERSION C
DATE	DESCRIPTION

A1 — 1 : 500 / 1 : 100 / 1 : 50 — METRES

Peter Berry & Associates Pty. Ltd.
Civil Engineers
153 Yarra Street
Geelong Victora 3220
Telephone: 5223 2799

MELWAY REF. 484G7
SURVEYED
DESIGNED P.J.B
DRAWN C.S.
CHECKED

KINGSTON COAST ESTATE
STAGE 6

SCALE AS SHOWN | DATUM AHD | DATE JUN '22

MUNICIPALITY: GREATER GEELONG
REFERENCE: 1503 E/6
SHEET 11 OF 30

GRASSTREE DRIVE CROSS SECTIONS

SCALES - HORIZ. 1 : 100
VERT. 1 : 50

NOTE:
SEE SHEET No 15 FOR INTERSECTION / KERB RETURN DETAILS

GRASSTREE DRIVE LONGITUDINAL SECTION

SCALES - HORIZ. 1 : 500
VERT. 1 : 50

SUBGRADE IMPROVEMENT (IF REQUIRED)
a) 200mm DEPTH 3% LIME & 3% CEMENT STABILIZED SUBGRADE EXTENDING 150mm BEHIND KERB, OR
b) 150mm COMPACTED DEPTH 40mm CLASS 4 FCR

NOTE:
BATTER SLOPES ON LOTS SHALL BE A MAXIMUM OF 1 IN 6 FOR CUT AND FILL UNLESS OTHERWISE SHOWN.

GREATER GEELONG CITY COUNCIL
PLANNING ENVIRONMENT ACT 1987
GREATER GEELONG PLANNING SCHEME

Endorsed Plan
Planning Permit No: PP-1263-2011 Cert-15374
Sheet 12 of 30
Approved By Angelica Kirtley
Approved Date 19/01/2023

NOTE: THIS IS NOT A BUILDING APPROVAL

PLANNING PERMIT No 1263/2011

AMENDMENTS		
	18.01.23	VERSION C
	DATE	DESCRIPTION

A1 — 1 : 500, 1 : 100, 1 : 50 — METRES

Peter Berry & Associates Pty. Ltd.
Civil Engineers
153 Yarra Street
Geelong Victora 3220
Telephone: 5223 2799

MELWAY REF. 484G7	KINGSTON COAST ESTATE STAGE 6		MUNICIPALITY: GREATER GEELONG
SURVEYED			REFERENCE: 1503 E/6
DESIGNED P.J.B			
DRAWN C.S.			
CHECKED	SCALE AS SHOWN	DATUM AHD	DATE JUN '22 — SHEET 12 OF 30

NOTE:
SEE SHEET No 16 FOR INTERSECTION / KERB RETURN DETAILS

| DATUM RL 23.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---

INTERSECTION DETAIL

SCALE (A1) 1 : 125

CONTOUR INTERVAL 0.05 m

NOTE:

1. ALL LINEMARKING AND ROAD SIGNS ARE TO BE TO VICROAD STANDARDS.

CONCRETE EDGE STRIP SECTION
(NOT TO SCALE)

DATUM RL 32.50

BACK OF KERB LEVEL	34.333	34.315	34.301	34.299	34.299	34.303	34.326	34.351	34.362	34.389	34.404
CHAINAGE	0.00	3.53	6.42	6.99	7.07	7.92	9.42	10.60	11.14	12.64	14.14

CH 67.55 CTP, 1/4 ARC, LP, 1/2 ARC, 3/4 ARC, CH 27.25 WTP

WEST RETURN

SCALES - HORIZ. 1 : 200
VERT. 1 : 20

DATUM RL 32.50

BACK OF KERB LEVEL	34.239	34.263	34.288	34.313	34.333
CHAINAGE	0.00	3.53	7.07	10.60	14.14

CH 52.75 ETP, 1/4 ARC, 1/2 ARC, 3/4 ARC, CH 67.55 CTP

EAST RETURN

SCALES - HORIZ. 1 : 200
VERT. 1 : 20

PAVEMENT COMPOSITION (CONCRETE SHARED BICYCLE PATH) -

i) 125mm COMPACTED DEPTH REINFORCED (F72 MESH), 32MPa COLOURED CONCRETE, VIBRATED AND PROPERLY CURED IN ACCORDANCE WITH THE APPROPRIATE AUSTRALIAN STANDARD CODE.

"SAND" COLOUR TO BE ADDED AT THE TIME OF BATCHING.

ii) 50mm COMPACTED DEPTH CLASS 3 20mm FCR.

a) REINFORCEMENT IS TO BE ADEQUATELY SUPPORTED BY APPROPRIATE SIZED CHAIRS PRIOR TO THE POURING/PLACEMENT OF CONCRETE.

b) CONCRETE PAVEMENT TO BE CAST MONOLITHICALLY.

c) EXPANSION JOINTS TO BE SAW CUT PERPENDICULAR TO THE DIRECTION OF TRAVEL.

SEE NOTE i) RIGHT

DETAIL
(NOT TO SCALE)

CONTRACTOR IS TO ENSURE RAISED PAVEMENT CROSSING IS ABLE TO DRAIN WATER AWAY EFFECTIVELTY

RAISED PAVEMENT PLAN
(NOT TO SCALE)

CURVE SETOUT TABLE

CURVE	RADIUS (m)	I	T	ARC	a	b	c	d
7	9.00	90°00'00"	9.00	14.137	6.364	2.636	3.444	0.685
8	9.00	90°00'00"	9.00	14.137	6.364	2.636	3.444	0.685

NOTE: ALL CURVE RADII LABELLED THUS - [7] ARE TO BACK OF KERB

CURVE SETOUT DETAIL
(NOT TO SCALE)

GREATER GEELONG CITY COUNCIL
PLANNING ENVIRONMENT ACT 1987
GREATER GEELONG PLANNING SCHEME

Endorsed Plan
Planning Permit No: PP-1263-2011 Cert-15374
Sheet 14 of 30
Approved By Angelica Kirtley
Approved Date 19/01/2023

NOTE: THIS IS NOT A BUILDING APPROVAL

SERVICES LOCATION SCHEDULE

STREET NAME	TELECOM	GAS	WATER	ELECTRICITY	KERB
COASTAL BOULEVARD	1.90 S	2.10 N	2.70 N	2.60 S	VARIABLE
PEAK WAY	1.90 E	2.10 W	2.70 W	2.50 E	4.25

PLANNING PERMIT No 1263/2011

SECTION A-A
(NOT TO SCALE)

SECTION B-B
(NOT TO SCALE)

AMENDMENTS		
18.01.23	VERSION C	
DATE	DESCRIPTION	

A1 — 1 : 200, 1 : 125, 1 : 20 — METRES

Peter Berry & Associates Pty. Ltd.
Civil Engineers
153 Yarra Street
Geelong Victora 3220
Telephone: 5223 2799

MELWAY REF. 484G7
SURVEYED
DESIGNED P.J.B
DRAWN C.S.
CHECKED

KINGSTON COAST ESTATE
STAGE 6

SCALE AS SHOWN | DATUM AHD | DATE JUN '22

MUNICIPALITY: GREATER GEELONG
REFERENCE: 1503 E/6
SHEET 14 OF 30

INTERSECTION DETAIL

SCALE (A1) 1 : 125

CONTOUR INTERVAL 0.05 m

CURVE SETOUT DETAIL

(NOT TO SCALE)

CURVE SETOUT TABLE

CURVE	RADIUS (m)	I	T	ARC	a	b	c	d
9	9.00	90°00'00"	9.00	14.137	6.364	2.636	3.444	0.685
10	9.00	90°00'00"	9.00	14.137	6.364	2.636	3.444	0.685

NOTE: ALL CURVE RADII LABELLED THUS - [T] ARE TO BACK OF KERB

WEST RETURN

SCALES - HORIZ. 1 : 200
VERT. 1 : 20

EAST RETURN

SCALES - HORIZ. 1 : 200
VERT. 1 : 20

GREATER GEELONG CITY COUNCIL
PLANNING ENVIRONMENT ACT 1987
GREATER GEELONG PLANNING SCHEME

Endorsed Plan
Planning Permit No: PP-1263-2011 Cert-15374
Sheet 15 of 30
Approved By Angelica Kirtley
Approved Date 19/01/2023

NOTE: THIS IS NOT A BUILDING APPROVAL

SERVICES LOCATION SCHEDULE

STREET NAME	TELECOM	GAS	WATER	ELECTRICITY	KERB
COASTAL BOULEVARD	1.90 S	2.10 N	2.70 N	2.60 S	VARIABLE
GRASSTREE DRIVE	0.50 E	2.10 W	2.70 W	1.20 E	4.25W/1.85E

PLANNING PERMIT No 1263/2011

AMENDMENTS

DATE	DESCRIPTION
18.01.23	VERSION C

A1 — 1 : 200 4 2 0 4 8 12; 1 : 125 2.5 1.25 0 2.5 5 7.5; 1 : 20 0.4 0.2 0 0.4 0.8 1.2 METRES

Peter Berry & Associates Pty. Ltd.
Civil Engineers
153 Yarra Street
Geelong Victora 3220
Telephone: 5223 2799

MELWAY REF. 484G7
SURVEYED
DESIGNED P.J.B
DRAWN C.S.
CHECKED

KINGSTON COAST ESTATE
STAGE 6

SCALE AS SHOWN | DATUM AHD | DATE JUN '22

MUNICIPALITY GREATER GEELONG
REFERENCE 1503 E/6
SHEET 15 OF 30

INTERSECTION DETAIL

SCALE (A1) 1 : 125

CONTOUR INTERVAL 0.05 m

CURVE SETOUT DETAIL

(NOT TO SCALE)

CURVE SETOUT TABLE

CURVE	RADIUS (m)	I	T	ARC	a	b	c	d
13	244.50	0°43'41"	1.554	3.107	1.554	0.005	0.777	0.001
14	9.00	89°08'32"	8.866	14.002	6.316	2.589	3.413	0.672
15	9.00	86°07'39"	8.411	13.529	6.145	2.425	3.303	0.628

NOTE: ALL CURVE RADII LABELLED THUS - [T] ARE TO BACK OF KERB

WEST RETURN

SCALES - HORIZ. 1 : 200
VERT. 1 : 20

EAST RETURN

SCALES - HORIZ. 1 : 200
VERT. 1 : 20

GREATER GEELONG CITY COUNCIL
PLANNING ENVIRONMENT ACT 1987
GREATER GEELONG PLANNING SCHEME

Endorsed Plan
Planning Permit No: PP-1263-2011 Cert-15374
Sheet 16 of 30
Approved By Angelica Kirtley
Approved Date 19/01/2023

NOTE: THIS IS NOT A BUILDING APPROVAL

SERVICES LOCATION SCHEDULE

STREET NAME	TELECOM	GAS	WATER	ELECTRICITY	KERB
COASTAL BOULEVARD	1.90 S	2.10 N	2.70 N	2.60 S	VARIABLE
SUNNYSIDE STREET	0.50 W	2.10 E	2.70 E	1.20 W	4.25E/1.85W

PLANNING PERMIT No 1263/2011

AMENDMENTS	
18.01.23	VERSION C
DATE	DESCRIPTION

A1 — 1 : 200 4 2 0 4 8 12; 1 : 125 2.5 1.25 0 2.5 5 7.5; 1 : 20 0.4 0.2 0 0.4 0.8 1.2 METRES

Peter Berry & Associates Pty. Ltd.
Civil Engineers
153 Yarra Street
Geelong Victora 3220
Telephone: 5223 2799

MELWAY REF. 484G7
SURVEYED
DESIGNED P.J.B
DRAWN C.S.
CHECKED

KINGSTON COAST ESTATE
STAGE 6

SCALE AS SHOWN | DATUM AHD | DATE JUN '22

MUNICIPALITY: GREATER GEELONG
REFERENCE: 1503 E/6
SHEET 16 OF 30

INTERSECTION DETAIL

SCALE (A1) 1 : 125

CONTOUR INTERVAL 0.05 m

CURVE SETOUT DETAIL

(NOT TO SCALE)

CURVE SETOUT TABLE

CURVE	RADIUS (m)	I	T	ARC	a	b	c	d
5	9.00	90°00'00"	9.00	14.137	6.364	2.636	3.444	0.685
6	9.00	90°00'00"	9.00	14.137	6.364	2.636	3.444	0.685

NOTE: ALL CURVE RADII LABELLED THUS - [†] ARE TO BACK OF KERB

WEST RETURN

SCALES - HORIZ. 1 : 200
VERT. 1 : 20

EAST RETURN

SCALES - HORIZ. 1 : 200
VERT. 1 : 20

GREATER GEELONG CITY COUNCIL
PLANNING ENVIRONMENT ACT 1987
GREATER GEELONG PLANNING SCHEME

Endorsed Plan
Planning Permit No: PP-1263-2011 Cert-15374
Sheet 17 of 30
Approved By Angelica Kirtley
Approved Date 19/01/2023

NOTE: THIS IS NOT A BUILDING APPROVAL

SERVICES LOCATION SCHEDULE

STREET NAME	TELECOM	GAS	WATER	ELECTRICITY	KERB
DUNEVIEW DR (W OF PEAK WAY)	1.90 S	2.10 N	2.70 N	2.50 S	4.25
DUNEVIEW DR (E OF PEAK WAY)	1.90 N	2.10 S	2.70 S	2.50 N	4.25
PEAK WAY	1.90 E	2.10 W	2.70 W	2.50 E	4.25

PLANNING PERMIT No 1263/2011

AMENDMENTS		
	18.01.23	VERSION C
	DATE	DESCRIPTION

A1 — 1 : 200 / 1 : 125 / 1 : 20 — METRES

Peter Berry & Associates Pty. Ltd.
Civil Engineers

153 Yarra Street
Geelong Victoria 3220
Telephone: 5223 2799

MELWAY REF. 484G7
SURVEYED
DESIGNED P.J.B
DRAWN C.S.
CHECKED

KINGSTON COAST ESTATE
STAGE 6

SCALE AS SHOWN | DATUM AHD | DATE JUN '22

MUNICIPALITY: GREATER GEELONG
REFERENCE: 1503 E/6
SHEET 17 OF 30

CURVE SETOUT DETAIL

(NOT TO SCALE)

INTERSECTION DETAIL

SCALE (A1) 1 : 125

CONTOUR INTERVAL 0.05 m

CURVE SETOUT TABLE

CURVE	RADIUS (m)	I	T	ARC	a	b	c	d
1	10.00	77°03'12"	7.962	13.448	6.229	2.177	3.299	0.56
2	9.00	94°36'11"	9.754	14.86	6.614	2.897	3.61	0.756
3	104.33	4°32'11"	4.132	8.26	4.129	0.082	2.065	0.02
4	96.83	12°52'48"	10.93	21.767	10.861	0.611	5.439	0.153

NOTE ALL CURVE RADII LABELLED THUS - 1 ARE TO BACK OF KERB

WEST RETURN

SCALES - HORIZ. 1 : 200
VERT. 1 : 20

EAST RETURN

SCALES - HORIZ. 1 : 200
VERT. 1 : 20

GREATER GEELONG CITY COUNCIL
PLANNING ENVIRONMENT ACT 1987
GREATER GEELONG PLANNING SCHEME

Endorsed Plan
Planning Permit No: PP-1263-2011
Cert-15374
Sheet 18 of 30
Approved By Angelica Kirtley
Approved Date 19/01/2023

SERVICES LOCATION SCHEDULE

STREET NAME	TELECOM	GAS	WATER	ELECTRICITY	KERB
DUNEVIEW DR (W OF PEAK WAY)	1.90 S	2.10 N	2.70 N	2.50 S	4.25
LIMESTONE WAY	1.90 E	2.10 W	2.70 W	2.50 E	4.25

PLANNING PERMIT No 1263/2011

AMENDMENTS

DATE	DESCRIPTION
18.01.23	VERSION C

A1 — 1 : 200 / 1 : 125 / 1 : 20 — METRES

Peter Berry & Associates Pty. Ltd.
Civil Engineers
153 Yarra Street
Geelong Victoria 3220
Telephone: 5223 2799

MELWAY REF. 484G7
SURVEYED
DESIGNED P.J.B
DRAWN C.S.
CHECKED

KINGSTON COAST ESTATE
STAGE 6

SCALE AS SHOWN | DATUM AHD | DATE JUN '22

MUNICIPALITY: GREATER GEELONG
REFERENCE: 1503 E/6
SHEET 18 OF 30

DRAINAGE LONGITUDINAL SECTION

SCALES - HORIZ. 1 : 500
VERT. 1 : 50

DENOTES 2% STABILIZED SAND FROM THE BOTTOM OF PIPE TO THE SPRINGLINE WITH 20mm CLASS 3 FCR PLACED FROM THE SPRINGLINE TO SUBBASE MATERIAL.

NOTE
ALL SUMPS IN PRECAST PITS ARE TO BE INFILLED WITH CONCRETE FLUSH TO THE INVERT LEVEL OF THE OUTLET PIPE.

GREATER GEELONG CITY COUNCIL
PLANNING ENVIRONMENT ACT 1987
GREATER GEELONG PLANNING SCHEME

Endorsed Plan
Planning Permit No: PP-1263-2011 Cert-15374
Sheet 19 of 30
Approved By Angelica Kirtley
Approved Date 19/01/2023

NOTE: THIS IS NOT A BUILDING APPROVAL

PLANNING PERMIT No 1263/2011

AMENDMENTS		
	18.01.23	VERSION C
	DATE	DESCRIPTION

A1 1 : 500 10 5 0 10 20 30 METRES
1 : 50 1 0.5 0 1 2 3

Peter Berry & Associates Pty. Ltd.
Civil Engineers
153 Yarra Street
Geelong Victora 3220
Telephone: 5223 2799

MELWAY REF. 484G7
SURVEYED
DESIGNED P.J.B
DRAWN C.S.
CHECKED

KINGSTON COAST ESTATE
STAGE 6

SCALE AS SHOWN DATUM AHD DATE JUN '22

MUNICIPALITY GREATER GEELONG
REFERENCE 1503 E/6
SHEET 19 OF 30

	B1	B2	B3	B4	B5	B6	B7	B8	B9
HGL 5 Yr	30.40	30.49 / 30.53	30.68 / 30.71	30.87 / 30.90	31.25 / 31.29	32.06 / 32.09	32.75 / 33.03	33.11 / 33.16	33.27
		K = 0.2	K = 0.2	K = 0.2	K = 0.2	K = 0.2	K = 1.9	K = 0.4	K = 0.4
							CLASS 3 RCP		
PIPE CAPACITY (l/sec)		1054.4	992.3	1026.9	1018.5	1028.9	1021.1	743.0	727.4
DESIGN FLOW (l/sec)		644.9	643.4	641.3	640.0	637.6	625.6	608.2	605.2
PART VELOCITY (m/s)		2.76	2.63	2.70	2.68	2.70	2.68	2.05	2.02
PIPE DIAMETER (mm)		675	675	675	675	675	675	675	675
PIPE GRADE (1 IN)		85.3	96.3	90.0	91.4	89.6	91.0	171.2	178.5
DATUM RL 24.00									
APPROX DEPTH FINISHED SURFACE TO INVERT	1.87	1.82	1.84 / 1.79	1.83 / 1.78	1.81 / 1.76	1.85 / 1.80	2.03 / 1.98	2.17 / 2.12	2.22 / 2.17	2.27 / 2.22
INVERT OF PIPE	29.65	29.70	29.93 / 29.98	30.13 / 30.18	30.34 / 30.39	30.74 / 30.79	31.56 / 31.61	32.27 / 32.32	32.44 / 32.49	32.60 / 32.65
FINISHED SURFACE		31.52	31.77	31.96	32.15	32.59	33.59	34.44	34.66	34.87
EXISTING SURFACE		31.76	32.00	32.18	32.36	32.79	33.96	34.74	34.93	35.19
CHAINAGE		00 / 19.6	00 / 14.4	00 / 14.4	00 / 32.0	00 / 69.0	00 / 60.0	00 / 20.5	00 / 19.6

19.6 14.4 14.4 32.0 69.0 60.0 20.5 19.6

DRAINAGE

LONGITUDINAL

SECTION

SCALES - HORIZ. 1 : 500
VERT. 1 : 50

DENOTES 20mm CLASS 3 FCR BACKFILL

DENOTES 2% STABILIZED SAND FROM THE BOTTOM OF PIPE TO THE SPRINGLINE WITH 20mm CLASS 3 FCR PLACED FROM THE SPRINGLINE TO SUBBASE MATERIAL.

NOTE

ALL SUMPS IN PRECAST PITS ARE TO BE INFILLED WITH CONCRETE FLUSH TO THE INVERT LEVEL OF THE OUTLET PIPE.

GREATER GEELONG CITY COUNCIL
PLANNING ENVIRONMENT ACT 1987
GREATER GEELONG PLANNING SCHEME

Endorsed Plan
Planning Permit No: PP-1263-2011 Cert-15374
Sheet 20 of 30
Approved By Angelica Kirtley
Approved Date 19/01/2023

NOTE: THIS IS NOT A BUILDING APPROVAL

PLANNING PERMIT No 1263/2011

AMENDMENTS	
18.01.23	VERSION C
DATE	DESCRIPTION

A1 1 : 500 10 5 0 10 20 30 METRES
1 : 50 1 0.5 0 1 2 3

Peter Berry & Associates Pty. Ltd.
Civil Engineers
153 Yarra Street
Geelong Victora 3220
Telephone: 5223 2799

MELWAY REF. 484G7
SURVEYED
DESIGNED P.J.B
DRAWN C.S.
CHECKED

KINGSTON COAST ESTATE
STAGE 6

MUNICIPALITY GREATER GEELONG
REFERENCE 1503 E/6

SCALE AS SHOWN | DATUM AHD | DATE JUN '22 | SHEET 20 OF 30

DRAINAGE

LONGITUDINAL

SECTION

SCALES - HORIZ. 1 : 500
VERT. 1 : 50

DENOTES 20mm CLASS 3 FCR BACKFILL

DENOTES 2% STABILIZED SAND FROM THE BOTTOM OF PIPE TO THE SPRINGLINE WITH 20mm CLASS 3 FCR PLACED FROM THE SPRINGLINE TO SUBBASE MATERIAL.

NOTE

ALL SUMPS IN PRECAST PITS ARE TO BE INFILLED WITH CONCRETE FLUSH TO THE INVERT LEVEL OF THE OUTLET PIPE.

GREATER GEELONG CITY COUNCIL
PLANNING ENVIRONMENT ACT 1987
GREATER GEELONG PLANNING SCHEME

Endorsed Plan
Planning Permit No: PP-1263-2011 Cert-15374
Sheet 21 of 30
Approved By Angelica Kirtley
Approved Date 19/01/2023

NOTE: THIS IS NOT A BUILDING APPROVAL

PLANNING PERMIT No 1263/2011

AMENDMENTS	
18.01.23	VERSION C
DATE	DESCRIPTION

A1 1 : 500 10 5 0 10 20 30 METRES
1 : 50 1 0.5 0 1 2 3

Peter Berry & Associates Pty. Ltd.
Civil Engineers

153 Yarra Street
Geelong Victora 3220
Telephone: 5223 2799

MELWAY REF. 484G7
SURVEYED
DESIGNED P.J.B
DRAWN C.S.
CHECKED

KINGSTON COAST ESTATE
STAGE 6

MUNICIPALITY GREATER GEELONG
REFERENCE 1503 E/6

SCALE AS SHOWN | DATUM AHD | DATE JUN '22 | SHEET 21 OF 30

	D1		D2		D3		D4		D5		D6		D7
HGL 5 Yr	29.35		30.06	30.16	30.80	30.83	31.23	31.25	32.05	32.05	32.47	32.49	32.84
PIPE CAPACITY (l/sec)		143.8		130.1		130.0		129.8		103.6		95.5	
DESIGN FLOW (l/sec)		74.0		69.6		58.9		54.0		29.3		7.2	
PART VELOCITY (m/s)		1.84		1.68		1.62		1.58		1.14		1.23	
PIPE DIAMETER (mm)		300		300		300		300		300		225	
PIPE GRADE (1 IN)		59.7		73.0		73.0		73.2		114.5		32.7	
APPROX DEPTH FINISHED SURFACE TO INVERT	1.41 / 1.33	1.75	1.48 / 1.43		1.57 / 1.52		1.50 / 1.45		1.40 / 1.35		1.68 / 1.60		1.31
INVERT OF PIPE	29.07 / 29.15	29.33	29.86 / 29.91		30.55 / 30.60		31.00 / 31.05		31.85 / 31.90		32.32 / 32.40		32.75
FINISHED SURFACE	30.48	31.08	31.34	31.72	32.12	32.30	32.50	32.73	32.89	33.07	33.25	33.49	33.74	34.00	34.06
EXISTING SURFACE	30.48	31.08	31.34	31.62	31.97	32.23	32.50	32.73	32.89	33.07	33.25	33.41	33.59	33.81	33.92
CHAINAGE	00	11.0 / 00	31.4	00 / 22.5	46.7	00 / 13.5	29.2	00 / 15.6	29.6	43.6	58.6	00 / 15.0	31.0	48.1	00 / 11.5
		42.4		46.7		29.2		58.6				48.1			11.5

NOTE

ALL SUMPS IN PRECAST PITS ARE TO BE INFILLED WITH CONCRETE FLUSH TO THE INVERT LEVEL OF THE OUTLET PIPE.

GREATER GEELONG CITY COUNCIL
PLANNING ENVIRONMENT ACT 1987
GREATER GEELONG PLANNING SCHEME

Endorsed Plan
Planning Permit No: PP-1263-2011 Cert-15374
Sheet 22 of 30
Approved By Angelica Kirtley
Approved Date 19/01/2023

NOTE: THIS IS NOT A BUILDING APPROVAL

PLANNING PERMIT No 1263/2011

AMENDMENTS		
	18.01.23	VERSION C
	DATE	DESCRIPTION

A1 — 1 : 500 (10 5 0 10 20 30 METRES) — 1 : 50 (1 0.5 0 1 2 3)

Peter Berry & Associates Pty. Ltd.
Civil Engineers
153 Yarra Street
Geelong Victora 3220
Telephone: 5223 2799

MELWAY REF. 484G7	KINGSTON COAST ESTATE STAGE 6		MUNICIPALITY: GREATER GEELONG
SURVEYED			REFERENCE: 1503 E/6
DESIGNED P.J.B			
DRAWN C.S.			
CHECKED	SCALE AS SHOWN	DATUM AHD	DATE JUN '22	SHEET 22 OF 30

DRAINAGE

LONGITUDINAL SECTIONS

SCALES - HORIZ. 1 : 500
VERT. 1 : 50

GREATER GEELONG CITY COUNCIL
PLANNING ENVIRONMENT ACT 1987
GREATER GEELONG PLANNING SCHEME

Endorsed Plan
Planning Permit No: PP-1263-2011 Cert-15374
Sheet 23 of 30
Approved By Angelica Kirtley
Approved Date 19/01/2023

NOTE: THIS IS NOT A BUILDING APPROVAL

DENOTES 20mm CLASS 3 FCR BACKFILL

DENOTES 2% STABILIZED SAND FROM THE BOTTOM OF PIPE TO THE SPRINGLINE WITH 20mm CLASS 3 FCR PLACED FROM THE SPRINGLINE TO SUBBASE MATERIAL.

NOTE
ALL SUMPS IN PRECAST PITS ARE TO BE INFILLED WITH CONCRETE FLUSH TO THE INVERT LEVEL OF THE OUTLET PIPE.

PLANNING PERMIT No 1263/2011

AMENDMENTS		
18.01.23	VERSION C	
DATE	DESCRIPTION	

A1 1 : 500 10 5 0 10 20 30 METRES
1 : 50 1 0.5 0 1 2 3

Peter Berry & Associates Pty. Ltd.
Civil Engineers
153 Yarra Street
Geelong Victora 3220
Telephone: 5223 2799

MELWAY REF. 484G7	KINGSTON COAST ESTATE STAGE 6		MUNICIPALITY GREATER GEELONG
SURVEYED			REFERENCE 1503 E/6
DESIGNED P.J.B			
DRAWN C.S.			
CHECKED	SCALE AS SHOWN	DATUM AHD	DATE JUN '22	SHEET 23 OF 30

DRAINAGE

LONGITUDINAL

SCALES - HORIZ. 1 : 500
VERT. 1 : 50

SECTIONS

DENOTES 20mm CLASS 3 FCR BACKFILL

DENOTES 2% STABILIZED SAND FROM THE BOTTOM OF PIPE TO THE SPRINGLINE WITH 20mm CLASS 3 FCR PLACED FROM THE SPRINGLINE TO SUBBASE MATERIAL.

NOTE
ALL SUMPS IN PRECAST PITS ARE TO BE INFILLED WITH CONCRETE FLUSH TO THE INVERT LEVEL OF THE OUTLET PIPE.

GREATER GEELONG CITY COUNCIL
PLANNING ENVIRONMENT ACT 1987
GREATER GEELONG PLANNING SCHEME

Endorsed Plan
Planning Permit No: PP-1263-2011 Cert-15374
Sheet 24 of 30
Approved By Angelica Kirtley
Approved Date 19/01/2023

NOTE: THIS IS NOT A BUILDING APPROVAL

PLANNING PERMIT No 1263/2011

AMENDMENTS		
	18.01.23	VERSION C
	DATE	DESCRIPTION

A1 — 1 : 500 10 5 0 10 20 30 METRES; 1 : 50 1 0.5 0 1 2 3

Peter Berry & Associates Pty. Ltd.
Civil Engineers
153 Yarra Street
Geelong Victora 3220
Telephone: 5223 2799

MELWAY REF. 484G7	KINGSTON COAST ESTATE STAGE 6		MUNICIPALITY GREATER GEELONG
SURVEYED			REFERENCE 1503 E/6
DESIGNED P.J.B			
DRAWN C.S.			
CHECKED	SCALE AS SHOWN	DATUM AHD	DATE JUN '22	SHEET 24 OF 30

DRAINAGE

LONGITUDINAL

SCALES - HORIZ. 1 : 500
VERT. 1 : 50

SECTIONS

DENOTES 20mm CLASS 3 FCR BACKFILL

DENOTES 2% STABILIZED SAND FROM THE BOTTOM OF PIPE TO THE SPRINGLINE WITH 20mm CLASS 3 FCR PLACED FROM THE SPRINGLINE TO SUBBASE MATERIAL.

NOTE

ALL SUMPS IN PRECAST PITS ARE TO BE INFILLED WITH CONCRETE FLUSH TO THE INVERT LEVEL OF THE OUTLET PIPE.

GREATER GEELONG CITY COUNCIL
PLANNING ENVIRONMENT ACT 1987
GREATER GEELONG PLANNING SCHEME

Endorsed Plan
Planning Permit No: PP-1263-2011 Cert-15374
Sheet 25 of 30
Approved By Angelica Kirtley
Approved Date 19/01/2023

NOTE: THIS IS NOT A BUILDING APPROVAL

PLANNING PERMIT No 1263/2011

AMENDMENTS		
	18.01.23	VERSION C
	DATE	DESCRIPTION

A1 1 : 500 10 5 0 10 20 30 METRES
1 : 50 1 0.5 0 1 2 3

Peter Berry & Associates Pty. Ltd.
Civil Engineers
153 Yarra Street
Geelong Victora 3220
Telephone: 5223 2799

MELWAY REF. 484G7
SURVEYED
DESIGNED P.J.B
DRAWN C.S.
CHECKED

KINGSTON COAST ESTATE
STAGE 6

SCALE AS SHOWN | DATUM AHD | DATE JUN '22

MUNICIPALITY GREATER GEELONG
REFERENCE 1503 E/6
SHEET 25 OF 30

PIT SCHEDULE

	PIT No.	PIT TYPE	LENGTH	WIDTH	INLET	PIPE Ø	OUTLET	PIPE Ø	FINISHED SURFACE R.L.	PIT DEPTH	PIT TYPE
			mm	mm	I.L.	mm	I.L.	mm	m	m	
	A1	EXISTING END OF PIPE	-	-	28.36	1350	28.36	1350	30.77	2.41	-
	A2	HAUNCHED DOUBLE SIDE ENTRY PIT	1900	1650	28.67	1350	28.62	1350	31.13	2.51	SD 410, 445
	A3	HAUNCHED GRATED JUNCTION PIT	900	1650	29.73	1200	29.65	1350	32.15	2.50	SD 410, 455
	A4	HAUNCHED SIDE ENTRY PIT	900	1500	30.42	1200	30.37	1200	33.36	2.99	SD 410, 430
					31.22	375					
					31.22	375					
	A5	HAUNCHED DOUBLE SIDE ENTRY PIT	1900	1500	30.77	1200	30.72	1200	33.74	3.02	SD 410, 445
	A6	HAUNCHED GRATED JUNCTION PIT	900	1500	31.12	1200	31.07	1200	33.91	2.84	SD 410, 455
					31.92	375					
	A7	HAUNCHED GRATED JUNCTION PIT	900	1500	31.45	1200	31.40	1200	34.07	2.67	SD 410, 455
					32.23	375					
	A8	HAUNCHED GRATED JUNCTION PIT	900	1500	32.02	1200	31.97	1200	34.42	2.45	SD 410, 455
					32.80	375					
	A9	HAUNCHED GRATED JUNCTION PIT	900	1500	32.25	1200	32.20	1200	34.56	2.36	SD 410, 455
*	B1	Ex HAUNCHED DOUBLE JUNCTION PIT	1900	900	29.70	675	29.65	675	31.52	1.87	SD 410, 445
					29.80	375					
	B2	HAUNCHED SIDE ENTRY PIT	900	900	29.98	675	29.93	675	31.77	1.84	SD 410, 430
	B3	HAUNCHED SIDE ENTRY PIT	900	900	30.18	675	30.13	675	31.96	1.83	SD 410, 430
	B4	HAUNCHED SIDE ENTRY PIT	900	900	30.39	675	30.34	675	32.15	1.81	SD 410, 430
	B5	HAUNCHED SIDE ENTRY PIT	900	900	30.79	675	30.74	675	32.59	1.85	SD 410, 430
	B6	HAUNCHED SIDE ENTRY PIT	900	900	31.61	675	31.56	675	33.59	2.03	SD 410, 430
	B7	HAUNCHED DOUBLE SIDE ENTRY PIT	1900	900	32.32	675	32.27	675	34.44	2.17	SD 410, 445
					32.42	375					
	B8	HAUNCHED SIDE ENTRY PIT	900	900	32.49	675	32.44	675	34.66	2.22	SD 410, 430
*	B9	EXISTING HAUNCHED JUNCTION PIT	900	900	32.65	675	32.60	675	34.87	2.27	SD 410, 430
					32.90	375					
	C1	SIDE ENTRY PIT	900	600	29.99	375	29.94	375	31.59	1.65	SD 405, 430
	C2	SIDE ENTRY PIT	900	600	30.67	375	30.62	375	32.17	1.55	SD 405, 430
	C3	SIDE ENTRY PIT	900	600	31.36	375	31.31	375	32.83	1.52	SD 405, 430
	C4	SIDE ENTRY PIT	900	600	32.35	375	32.30	375	33.85	1.55	SD 405, 430
	C5	SIDE ENTRY PIT	900	600	32.52	375	32.47	375	34.09	1.62	SD 405, 430
	C6	SIDE ENTRY PIT	900	600	32.65	375	32.60	375	34.11	1.51	SD 405, 430
					32.65	375					
	C7	SIDE ENTRY PIT	900	600	-	-	33.00	375	34.39	1.39	SD 405, 430
	D1	EXISTING END OF PIPE	-	-	29.33	300	29.33	300	31.08	1.75	-
	D2	JUNCTION PIT	900	600	29.91	300	29.86	300	31.34	1.48	SD 405, 425
	D3	JUNCTION PIT	900	600	30.60	300	30.55	300	32.12	1.57	SD 405, 425
	D4	JUNCTION PIT	900	600	31.05	300	31.00	300	32.50	1.50	SD 405, 425
	D5	JUNCTION PIT	900	600	31.90	300	31.85	300	33.25	1.40	SD 405, 425
	D6	JUNCTION PIT	900	600	32.40	225	32.32	300	34.00	1.68	SD 405, 425
					32.40	225					
	D7	JUNCTION PIT	900	600	-	-	32.75	225	34.06	1.31	SD 405, 425
	E1	JUNCTION PIT	900	600	33.25	375	33.20	375	35.04	1.84	SD 405, 425
	E2	JUNCTION PIT	900	600	33.65	375	33.60	375	35.30	1.70	SD 405, 425
	E3	JUNCTION PIT	900	600	34.05	300	33.97	375	35.38	1.41	SD 405, 425
	F1	GRATED JUNCTION PIT	900	600	33.02	300	32.92	375	34.47	1.55	SD 405, 455
					32.97	375					
	F2	JUNCTION PIT	900	600	33.49	300	33.44	300	35.04	1.60	SD 405, 425
	F3	JUNCTION PIT	900	600	33.88	300	33.83	300	35.21	1.38	SD 405, 425
	F4	BLANKED OFF END OF PIPE	-	-	-	-	34.17	300	35.32	1.15	-
	G1	EXISTING GRATED JUNCTION PIT	900	600	29.12	375	29.07	375	30.48	1.41	SD 405, 455
	G2	GRATED JUNCTION PIT	900	600	-	-	30.30	375	31.79	1.49	SD 405, 455
	H1	SIDE ENTRY PIT	900	600	32.40	375	32.35	375	34.21	1.86	SD 405, 430
	H2	SIDE ENTRY PIT	900	600	32.63	375	32.58	375	34.35	1.77	SD 405, 430
	H3	SIDE ENTRY PIT	900	600	32.77	375	32.72	375	34.35	1.63	SD 405, 430
	H4	SIDE ENTRY PIT	900	600	32.92	375	32.87	375	34.30	1.43	SD 405, 430
	H5	SIDE ENTRY PIT	900	600	-	-	33.00	375	34.41	1.41	SD 405, 430
	I1	GRATED SIDE ENTRY PIT	900	600	31.80	375	31.75	375	33.56	1.81	SD 405, 475
	I2	SIDE ENTRY PIT	900	600	32.15	375	32.10	375	33.74	1.64	SD 405, 430
	I3	SIDE ENTRY PIT	900	600	-	-	33.20	375	34.57	1.37	SD 405, 430
	J1	SIDE ENTRY PIT	900	600	32.92	375	32.87	375	34.66	1.79	SD 405, 430
	J2	SIDE ENTRY PIT	900	600	33.25	375	33.20	375	34.80	1.59	SD 405, 430
	J3	SIDE ENTRY PIT	900	600	-	-	33.45	375	34.81	1.36	SD 405, 430
*	K1	EXISTING HAUNCHED JUNCTION PIT	900	1650	29.17	375	28.15	1350	30.72	2.57	SD 410, 430
	K2	SIDE ENTRY PIT	900	600	29.45	375	29.40	375	30.95	1.55	SD 405, 430
	K3	GRATED SIDE ENTRY PIT	900	600	-	-	29.60	375	30.84	1.24	SD 405, 475
	L1	JUNCTION PIT	900	600	-	-	32.75	225	33.91	1.16	SD 405, 425
	M1	SIDE ENTRY PIT	900	600	33.00	225	32.85	375	34.24	1.39	SD 405, 430
	M2	JUNCTION PIT	900	600	-	-	33.30	225	34.40	1.10	SD 405, 420
	N1	SIDE ENTRY PIT	900	600	-	-	32.00	375	33.37	1.37	SD 405, 430
	O1	SIDE ENTRY PIT	900	600	-	-	33.55	375	34.92	1.37	SD 405, 430
	P1	BLANKED OFF END OF PIPE	-	-	-	-	33.34	375	34.81	1.47	-

NOTE: PIT DENOTED THUS "*" IS TO BE CONVERTED TO A SIDE ENTRY PIT WITH APPROPRIATE COVER.

PIT SETOUT SCHEDULE

PIT No	POINT 'A' E	POINT 'A' N	POINT 'B' E	POINT 'B' N
A2	2189.51	923.51	2191.19	922.63
A3	2136.69	943.38	2137.56	943.15
A4	2080.17	952.85	2081.06	952.73
A5	2052.73	956.62	2054.61	956.36
A6	2027.18	959.93	2028.07	959.81
A7	2002.41	963.33	2003.3	963.2
A8	1948.42	970.74	1949.31	970.62
A9	1930.79	973.76	1931.66	973.52
B2	2124.47	847.12	2125.32	846.82
B3	2110.54	851.14	2111.42	850.94
B4	2096.31	853.54	2097.2	853.41
B5	2064.6	857.89	2065.5	857.77
B6	1996.25	867.27	1997.14	867.15
B7	1935.78	875.57	1937.65	875.32
B8	1919.41	885.7	1920.29	885.52
C1	2140.35	848.6	2141.16	848.21
C2	2096.02	861.15	2096.92	861.02
C3	2048.47	867.67	2049.37	867.55
C4	1979.47	877.15	1980.36	877.02
C5	1971.65	887.46	1971.77	888.35
C6	1964.22	888.48	1964.34	889.37
C7	1969.12	924.15	1969.24	925.04
F1	1939.61	964.38	1940.5	964.25
G2	2150.49	931.36	2151.35	931.08
H1	1993.78	956.74	1994.67	956.62
H2	1979.75	946.45	1979.87	947.34
H3	1972.32	947.47	1972.44	948.36
H4	1970.45	957.85	1971.03	957.16
H5	1964.01	960.83	1964.9	960.7
I1	2072.35	963.16	2072.47	964.06
I2	2064.92	964.18	2065.04	965.08
I3	2072.26	1017.63	2072.38	1018.52
J1	1918.05	878.32	1918.93	878.14
J2	1907.53	872.67	1907.89	873.5
J3	1899.9	873.74	1900.02	874.63
K2	2209.66	921.95	2210.09	922.73
K3	2203.46	926.24	2203.89	927.03
M2	1940.48	882.5	1941.37	882.38
M1	1953.02	880.78	1953.91	880.65
N1	2071.38	946.29	2072.27	946.17
O1	1892.79	886.66	1893.63	886.35
P1	1929.15	966.12	C/L	PIPE

GREATER GEELONG CITY COUNCIL
PLANNING ENVIRONMENT ACT 1987
GREATER GEELONG PLANNING SCHEME

Endorsed Plan
Planning Permit No: PP-1263-2011 Cert-15374
Sheet 26 of 30
Approved By Angelica Kirtley
Approved Date 19/01/2023

NOTE: THIS IS NOT A BUILDING APPROVAL

PLANNING PERMIT No 1263/2011

AMENDMENTS	
18.01.23	VERSION C
DATE	DESCRIPTION

A1 — 1 : 500 10 5 0 10 20 30 METRES; 1 : 50 1 0.5 0 1 2 3

Peter Berry & Associates Pty. Ltd.
Civil Engineers
153 Yarra Street
Geelong Victora 3220
Telephone: 5223 2799

MELWAY REF. 484G7
SURVEYED
DESIGNED P.J.B
DRAWN C.S.
CHECKED

KINGSTON COAST ESTATE
STAGE 6

MUNICIPALITY: GREATER GEELONG
REFERENCE: 1503 E/6
SCALE AS SHOWN | DATUM AHD | DATE JUN '22 | SHEET 26 OF 30

NOTE

A) ALL SIGNS AND LINEMARKING ARE TO BE IN ACCORDANCE WITH VICROADS TRAFFIC ENGINEERING MANUAL VOLUME 2 - SIGNS AND MARKINGS.

B) LOCATION OF STREET SIGNS ARE TO BE APPROVED BY THE COGG WORKS INSPECTOR.

C) ALL SIGN POSTS ARE TO BE SLEEVED IN ACCORDANCE WITH COGG STANDARD DRAWING (SD CGG710).

D) ALL STREET SIGNS ARE TO BE G5 SERIES TYPE.

E) ALL LINEMARKING TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED.

LINEMARKING

COASTAL BOULEVARD

GIVEWAY (HOLDING LINE)

GREATER GEELONG CITY COUNCIL
PLANNING ENVIRONMENT ACT 1987
GREATER GEELONG PLANNING SCHEME

Endorsed Plan
Planning Permit No: PP-1263-2011 Cert-15374
Sheet 27 of 30
Approved By Angelica Kirtley
Approved Date 19/01/2023

NOTE: THIS IS NOT A BUILDING APPROVAL

PLANNING PERMIT No 1263/2011

AMENDMENTS		
	18.01.23	VERSION C
	DATE	DESCRIPTION

A1 1 : 500 10 5 0 10 20 30 METRES

Peter Berry & Associates Pty. Ltd.
Civil Engineers
153 Yarra Street
Geelong Victora 3220
Telephone: 5223 2799

MELWAY REF. 484G7
SURVEYED
DESIGNED P.J.B
DRAWN C.S.
CHECKED

KINGSTON COAST ESTATE
STAGE 6
STREET SIGNS & LINEMARKING PLAN

MUNICIPALITY GREATER GEELONG
REFERENCE 1503 E/6

SCALE AS SHOWN | DATUM AHD | DATE JUN '22 | SHEET 27 OF 30

DETAIL PLANS

SCALE (A1) 1 : 250

GREATER GEELONG CITY COUNCIL
PLANNING ENVIRONMENT ACT 1987
GREATER GEELONG PLANNING SCHEME

Endorsed Plan
Planning Permit No: PP-1263-2011 Cert-15374
Sheet 28 of 30
Approved By Angelica Kirtley
Approved Date 19/01/2023

NOTE: THIS IS NOT A BUILDING APPROVAL

PLANNING PERMIT No 1263/2011

AMENDMENTS		
	18.01.23	VERSION C
	DATE	DESCRIPTION

A1 1 : 250 5 2.5 0 5 10 15 METRES

Peter Berry & Associates Pty. Ltd.
Civil Engineers
153 Yarra Street
Geelong Victora 3220
Telephone: 5223 2799

MELWAY REF. 484G7
SURVEYED
DESIGNED P.J.B
DRAWN C.S.
CHECKED

KINGSTON COAST ESTATE
STAGE 6
STREET SIGNS & LINEMARKING PLAN

SCALE AS SHOWN DATUM AHD DATE JUN '22

MUNICIPALITY GREATER GEELONG
REFERENCE 1503 E/6
SHEET 28 OF 30

DETAIL PLANS

SCALE (A1) 1 : 250

SIGN LEGEND

1	COASTAL BVD	3 No	6	LIMESTONE WAY	1 No
2	PEAK WAY	2 No	GIVE WAY		2 No (R1-2A)
3	GRASSTREE DR	1 No			2 No (W5-10)
4	SUNNYSIDE ST	1 No	20 km/h		2 No (W8-2)
5	DUNEVIEW DR	2 No			

NOTE

A) ALL SIGNS AND LINEMARKING ARE TO BE IN ACCORDANCE WITH VICROADS TRAFFIC ENGINEERING MANUAL VOLUME 2 - SIGNS AND MARKINGS.

B) LOCATION OF STREET SIGNS ARE TO BE APPROVED BY THE COGG WORKS INSPECTOR.

C) ALL SIGN POSTS ARE TO BE SLEEVED IN ACCORDANCE WITH COGG STANDARD DRAWING (SD CGG710).

D) ALL STREET SIGNS ARE TO BE G5 SERIES TYPE.

E) ALL LINEMARKING TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED.

GREATER GEELONG CITY COUNCIL
PLANNING ENVIRONMENT ACT 1987
GREATER GEELONG PLANNING SCHEME

Endorsed Plan
Planning Permit No: PP-1263-2011 Cert-15374
Sheet 29 of 30
Approved By Angelica Kirtley
Approved Date 19/01/2023

NOTE: THIS IS NOT A BUILDING APPROVAL

PLANNING PERMIT No 1263/2011

AMENDMENTS		
	18.01.23	VERSION C
	DATE	DESCRIPTION

A1 1 : 250 5 2.5 0 5 10 15 METRES

Peter Berry & Associates Pty. Ltd.
Civil Engineers
153 Yarra Street
Geelong Victora 3220
Telephone: 5223 2799

MELWAY REF. 484G7	KINGSTON COAST ESTATE STAGE 6 STREET SIGNS & LINEMARKING PLAN		MUNICIPALITY GREATER GEELONG
SURVEYED			REFERENCE 1503 E/6
DESIGNED P.J.B			
DRAWN C.S.			
CHECKED	SCALE AS SHOWN	DATUM AHD	DATE JUN '22	SHEET 29 OF 30

GREATER GEELONG CITY COUNCIL
PLANNING ENVIRONMENT ACT 1987
GREATER GEELONG PLANNING SCHEME

Endorsed Plan
Planning Permit No: PP-1263-2011 Cert-15374
Sheet 30 of 30
Approved By Angelica Kirtley
Approved Date 19/01/2023

NOTE: THIS IS NOT A BUILDING APPROVAL

PLANNING PERMIT No 1263/2011

AMENDMENTS		
	18.01.23	VERSION C
	DATE	DESCRIPTION
A1		

Peter Berry & Associates Pty. Ltd.
Civil Engineers
153 Yarra Street
Geelong Victoria 3220
Telephone: 5223 2799

MELWAY REF. 484G7	KINGSTON COAST ESTATE STAGE 6 PLAN OF SUBDIVISION		MUNICIPALITY GREATER GEELONG
SURVEYED			REFERENCE 1503 E/6
DESIGNED P.J.B			
DRAWN C.S.			
CHECKED	SCALE AS SHOWN	DATUM AHD	DATE JUN '22	SHEET 30 OF 30