F:7330 A 05.01.2015

PROPOSED 2 LOT RESIDENTIAL SUBDIVISION, ROL/2021/19

OPW APPLICATION FOR SEWER, WATER SERVICE AND VEHICLE CROSSINGS

36 GLENELG AVENUE, MERMAID BEACH - COM/2021/140

LAYOUT PLAN

LOCALITY PLAN

PLANS AND DOCUMENTS referred to in the DEVELOPMENT APPROVAL

Application No: COM / 2021 / 140

Dated: 29 July 2021

Development shall comply with the conditions of approval as detailed in the Decision Notice and Council's Planning Scheme, Local Laws and Planning Policies

Council approval for Infrastructure (Footpath, Sewer) and Non-Standard Vehicular Crossing (2).

DRAWING INDEX

Drawing Number	Rev.	Date	Series Number	Drawing Description
50558001	2	15.07.2021	1 of 6	Locality Plan and Drawing Index
50558002	2	15.07.2021	2 of 6	Legend and Notes
50558003	2	15.07.2021	3 of 6	Sewerage Reticulation Layout and Longitudinal Section
50558004	2	15.07.2021	4 of 6	Water Reticulation Layout
50558005	2	15.07.2021	5 of 6	Vehicle Crossing Detailed Layout
50558006	2	15.07.2021	6 of 6	Vehicle Crossing Longitudinal Section and Setout Details

SEQ WATER STANDARD DRAWINGS

Drawing Number	Rev.	Drawing Title
SEQ-SEW-1103-1	A	RIGSS Pipelaying Typical Arrangements
SEQ-SEW-1104-1	B	Sewerage House Connections Typical Construction Details RIGSS – Sheet 1
SEQ-SEW-1200-2	A	Embedment and Trenchfill Typical Arrangement
SEQ-SEW-1201-1	A	Typical Standard Embedment Flexible and Rigid Pipes
SEQ-SEW-1205-1	A	Typical Trench and Bedding Details within Existing Roads Type 14 to 17
SEQ-SEW-1303-1	B	Maintenance Holes Sewers < DN300 Typical Changes in Level Details
SEQ-SEW-1303-2	A	Iron Inspection Bends for Typical Internal Drop Pipes in Sewerage Manholes
SEQ-SEW-1306-1	A	Maintenance Holes Typical Alternative Drop Connections
SEQ-WAT-1105-1	C	Typical Connection to Existing Mains Sheet 1 of 2
SEQ-WAT-1106-1	D	Typical Property Service Connection Main to Meter – Sheet 1
SEQ-WAT-1106-2	C	Typical Property Service Connection Main to Meter – Sheet 2
SEQ-WAT-1200-2	C	Embedment and Trenchfill Typical Arrangement
SEQ-WAT-1201-1	A	Standard Embedment Typical Flexible and Rigid Pipes

REVISIONS			
REV	DATE	DESCRIPTIONS	CERTIFIED
2	15.07.21	Council Information Request Issue	
1	15.06.21	Council Issue	

SURVEY DATA

DATUM
HORIZ. PM 74169
HEIGHT AHD Derived
SURVEY BOOKS 28128-01 DTM

GDA

SCALES

Not to Scale

Dimensions in metres unless shown otherwise

CLIENT

Austin and Shae Langridge

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Suite 12, Level 1, 3029 The Boulevard
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Drawn	EJK	15.07.2021
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Engineering Certification

Original signed by G. Lerch

G. Lerch
RPEQ No. 07382 15.06.2021

PROPOSED 2 LOT RESIDENTIAL SUBDIVISION
36 GLENELG AVENUE - MERMAID BEACH

LOCALITY PLAN AND DRAWING INDEX

PROJECT No. 50558

DRAWING No. 50558001 2

Series No. 1 of 6

P:\50558 PLT (36 Glenelg Ave, Mermaid Beach)\02. D&D\00. CAD\Working\50558001 (Locality Plan).dwg
15 July 2021 7:48:58 AM

F.7330 A 05.01.2015

NOTES

SPECIFICATIONS

1. Construction specifications shall be in accordance with the current version of the following:
   - City of Gold Coast council SC6.11 City Plan policy – Land Development guidelines, standard specifications:
     - 9.7 Roadworks and Bridges
   - SEQ Water – SEQ Water Supply and Sewerage Design & Construction Code (2013) Standard Specifications and CoGC Amendments.

STANDARD DRAWINGS

2. The following Standard Drawings shall apply to this project:
   - Institute of Public Works Engineering Australia (IPWEA)
     - DS–041 Sediment and Erosion Devices Kerb and Field Inlet – Check Dams and Straw Bales
     - RS–049 Vehicle Crossing Low Density Residential Plan 1 of 2
     - RS–050 Vehicle Crossings Residential Driveways Plan 2 of 2
     - RS–065 Pathways Concrete Pathway Construction Details
   - SEQ Water (Sewerage Reticulation)
     - SEQ–SEW–1103–1 RIGSS Pipelaying Typical Arrangements
     - SEQ–SEW–1104–1 Sewerage House Connections Typical Construction Details RIGSS – Sheet 1
     - SEQ–SEW–1200–2 Embedment and Trench Typical Arrangement
     - SEQ–SEW–1201–1 Typical Standard Embedment Flexible and Rigid Pipes
     - SEQ–SEW–1205–1 Typical Trench and Bedding Details within Existing Roads Type 14 to 17
     - SEQ–SEW–1303–1 Maintenance Holes Cast In–Situ and Precast Typical Pipe Connection Details
     - SEQ–SEW–1303–2 Iron Inspection Bends for Typical Internal Drop Pipes in Sewerage Manholes
     - SEQ–SEW–1306–1 Maintenance Holes Typical Alternative Drop Connections
   - SEQ Water (Water Reticulation)
     - SEQ–WAT–1105–1 Typical Connection to Existing Mains Sheet 1 of 2
     - SEQ–WAT–1106–1 Typical Property Service Connection Main to Meter
     - SEQ–WAT–1106–2 Typical Property Service Connection Main to Meter
     - SEQ–WAT–1200–2 Embedment and Trenchfill Typical Arrangement
     - SEQ–WAT–1201–1 Standard Embedment Typical Flexible and Rigid Pipes
   - City of Gold Coast Water and Waste (Water Reticulation)
     - 11–161 Existing Surface Fittings on Proposed Driveways for Compliance to NMP 1.1

PLANS AND DOCUMENTS referred to in the DEVELOPMENT APPROVAL

Application No: COM / 2021 / 140

Dated: 29 July 2021

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PUBLIC UTILITY PLANT (PUP)

3. The location of existing PUP shown on the drawings has been taken survey information and CoGC As Constructed information.
4. Details of existing PUP are provided for information only and no responsibility is taken for the accuracy or completeness of the information provided or supplied.
5. The Contractor is responsible for confirming the location of all PUP with the relevant authorities prior to commencing work and providing all necessary measures to protect all services during the course of the work.
6. The Contractor will be solely responsible for any damage incurred to existing PUP as a result of execution of the work.

SEWERAGE AND WATER RETICULATION

7. Location and existing levels of existing sewer and water mains, structures and services has been taken survey information, and CoGC As Constructed information.
8. Contractor to confirm the locations and level of all existing services prior to commencement of construction.
9. These drawings shall be read in conjunction with the SEQ Water Supply & Sewerage Design and Construction Code and Standard Drawings.
10. All materials workmanship to be in accordance with the current SEQ Water Supply & Sewerage Design and Construction Code and relevant Australian Standards.
11. All pipes and materials shall comply with the current SEQ "Accepted Civil Products and Materials" (IPAM) list.
23. Contractor shall submit an '*Application to work on the City's Infrastructure*' including detailed construction methodology and all supporting documentation, and gain all necessary approvals for the connection works to the existing sewerage maintenance hole and capping of the existing house connection.
24. All Live connection works to be performed under Gold Coast Water and Waste supervision.

PAVEMENT

25. Unbound pavements shall be constructed in accordance with the City of Gold Coast Standard Specification – 9.7 Roadworks and Bridges, Section 9.7.6 Unbound Pavements.
26. Asphalt pavements shall be constructed in accordance with the City of Gold Coast Standard Specification – 9.7 Roadworks and Bridges, Section 9.7.11 Asphalt.

CONCRETE

27. Concrete work shall be constructed in accordance with MRTS70 – Concrete, unless noted otherwise.
28. The grade of concrete shall be:
    - N32
    - Slump to be 100mm in accordance with AS 1379 with 20mm maximum nominal aggregate size.
29. Do not add water to concrete on site.
30. Clear cover to reinforcement to be 50mm top cover, unless noted otherwise.
31. Reinforcement to be Class N, grade 500 deformed bar.

SUBGRADE PREPARATION

32. Any poor, saturated, highly compressible or otherwise weak areas of the subgrade should be removed and replaced with suitable replacement material, confirm with Supervising Engineer.
33. Provide a level 30mm sand/crusher dust and plastic layer to entire underside of concrete area.

REINFORCEMENT

34. Bar chairs shall be spaced appropriately to prevent reinforcement sagging. Maximum spacing of bar chairs is 800mm. Reinforcement must be chaired prior to placement of concrete.
35. Minimum reinforcement to be SL82 fabric or as specified.
36. All mesh to be lapped a minimum of two cross wires.
37. Provide a continuous N12 trimmer bars to the slab perimeter and 2 x N12 trimmer bars around all penetrations. Break only at saw cut and dowel joint locations.

COMPACTION

38. Slabs and sections of concrete greater than 100mm deep are to be compacted using an immersion vibrator.

CURING

39. Provide a minimum curing period of three continuous days. Approved method of curing; covering slab with a continuous covering of clear plastic.

JOINTS

40. Control joint saw cuts – to be used where slab changes shape or direction and at max. 3.0m spacings, or 1.5 x the width of concrete in accordance with IPWEA Standard Drawing RS–065. Saw cuts are to be made within 12 hours of placing concrete.
41. Isolation joints – to be used where a slab abuts any independent structure.
19. Dowel joints – At junctions with existing concrete or max. 12m spacing, refer IPWEA Standard Drawing No. RS–065 for details.
20. All joints should be perpendicular to the slab edge for a minimum of 500mm.
21. All joints are to be continuous through kerbs/rolled edges etc.

DESIGN

22. The vehicle crossing design has been prepared based on the Survey (File Ref. 20128–01 DTM), dated 04/12/20 by Schlencker Surveying Pty Ltd.

SITE VISITS

23. A prestart meeting will be arranged by Geleon and held onsite with the City of Gold Coast council and the Contractor prior to any works being undertaken.
24. Minimum testing requirements should be confirmed with the OPW approval and Geleon prior to commencing construction.
25. Geleon require a minimum of 48 hours notice prior to any request for a site visit.
26. In order for Geleon to certify that the sewerage reticulation and pavement reistatement works, and vehicular crossings comply with the design drawings and relevant standards as required by the Operational Works approval, Geleon will need to undertake the following site inspections:
    - Pre–start inspection
    - During construction of sewer line
    - VXO inspection on vehicle crossings
    - Prior to pouring all concrete
    - On Maintenance inspection after completion of works
    - Off Maintenance inspection at completion of maintenance period

Failure to include Geleon as part of this process will affect the ability to issue compliance documentation.

LEGEND

Existing

- Existing kerb and channel
- Existing stormwater drainage
- Existing overhead electricity
- Existing watermain
- Existing fire hydrant (FH)
- Existing water meter (WM)
- Existing sewer
- Existing overhead electricity
- Existing electricity pole (PP)
- Existing telstra
- Existing telstra pit (TPit)
- Property Boundary
- Survey benchmark

PROPOSED

- Concrete Vehicle Crossing
  Refer IPWEA Std Drg's RS–049 and RS–050
- Concrete Footpath Replacement 1.2m wide
  Refer IPWEA Std Drg. RS–065
- Expansion Joint to existing concrete (EEJ)
  Refer IPWEA Std Drg. RS–065
- Control Joint (CJ)
  IPWEA Refer Std Drg. RS–065
- Sewer line
- Sewer house connection with I.O
- Sewer Structure ID (1/1)
- Water Service Connection and Meter
- Water Main Replacement

REVISIONS			
REV	DATE	DESCRIPTIONS	CERTIFIED
2	15.07.21	Council Information Request Issue	
1	15.06.21	Council Issue	

SURVEY DATA

DATUM
HORIZ. PM 74170
HEIGHT AHD Derived
SURVEY BOOKS 28128-01 DTM

GDA

SCALES

Not to Scale

Dimensions in metres unless shown otherwise

CLIENT

Austin and Shae Langridge

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Drawn	EJK	15.07.2021
Checked	CRK	15.07.2021
Designed	CRK	15.07.2021
Checked	GEL	15.07.2021

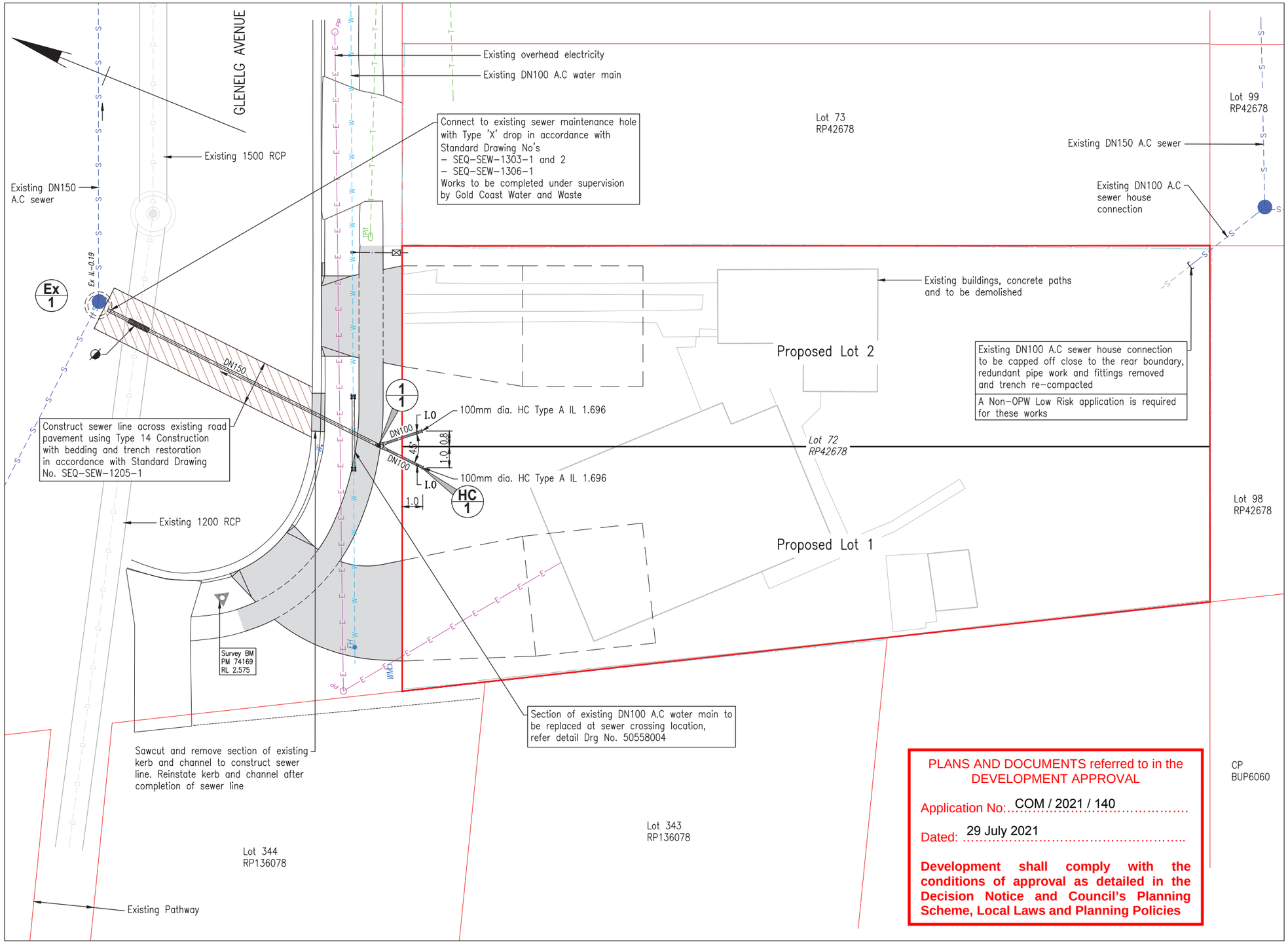
Engineering Certification
Original signed by G. Lerch
G. Lerch
RPEQ No. 07382
15.06.2021

PROPOSED 2 LOT RESIDENTIAL SUBDIVISION
37 GLENELG AVENUE - MERMAID BEACH

LEGEND AND NOTES

PROJECT No. 50558
DRAWING No. 50558002 | 2
Series No. 2 of 6

15 July 2021 7:49:01 AM P:\50558 PLT (36 Glenelg Ave, Mermaid Beach)\02. D&D\06. CAD\Working\50558002 (Notes and Details).dwg



PLANS AND DOCUMENTS referred to in the DEVELOPMENT APPROVAL

Application No: COM / 2021 / 140

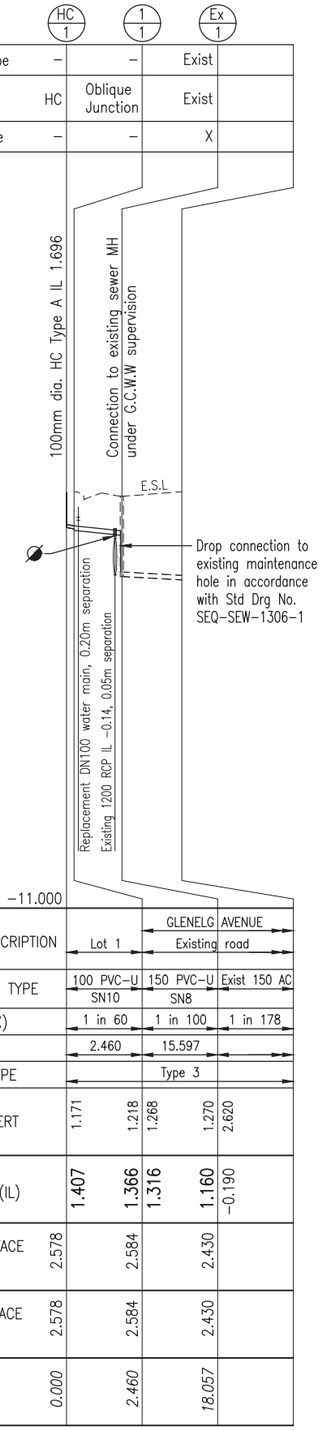
Dated: 29 July 2021

Development shall comply with the conditions of approval as detailed in the Decision Notice and Council's Planning Scheme, Local Laws and Planning Policies

LAYOUT
Scale A

NOTES
1. Standard Legend, Notes and Details – refer Drg No 50558002.

Wrap multiple layers of 'Ableflex' polyethylene foam around the sewer pipe, to achieve 50mm total thickness at the crossing point over the existing 1200 RCP



STRUCTURE No.		HC 1	1 1	Ex 1	
MH/MS Cover Type		–	–	Exist	
Structure Type		HC	Oblique Junction	Exist	
MH/MS Drop Type		–	–	X	
DATUM R.L.	–11.000				
PROPERTY DESCRIPTION		Lot 1	GLENELG AVENUE Existing road		
DIAMETER (DN) TYPE		100 PVC–U SN10	150 PVC–U SN8	Exist 150 AC	
GRADE (1 in X)		1 in 60	1 in 100	1 in 178	
LENGTH		2.460	15.597		
EMBEDMENT TYPE			Type 3		
DEPTH OF INVERT		1.171	1.218 / 1.268	1.270	2.620
INVERT LEVEL (IL)		1.407	1.366 / 1.316	1.160	–0.190
FINISHED SURFACE LEVEL (FL)	2.578		2.584	2.430	
EXISTING SURFACE LEVEL (ESL)	2.578		2.584	2.430	
CHAINAGE (CH)	0.000		2.460	18.057	
LINE NUMBER		LINE 1			

SEWER MAIN LONGITUDINAL SECTION
Horizontal Scale B
Vertical Scale A

REVISIONS			
REV	DATE	DESCRIPTIONS	CERTIFIED
2	15.07.21	Council Information Request Issue	
1	15.06.21	Council Issue	

SURVEY DATA
DATUM
HORIZ. PM 74171
HEIGHT AHD Derived
SURVEY BOOKS 28128-01 DTM

SCALES
Scale A 0 1 2 3 4m
Scale B 0 10 20 30 40m
Dimensions in metres unless shown otherwise

CLIENT
Austin and Shae Langridge

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G. Lerch
RPEQ No. 07382
15.06.2021

PROPOSED 2 LOT RESIDENTIAL SUBDIVISION
38 GLENELG AVENUE - MERMAID BEACH

SEWERAGE RETICULATION LAYOUT AND LONGITUDINAL SECTION

PROJECT No. 50558

DRAWING No. 50558003 | 2

Series No. 3 of 6

F:7330 A 05.01.2015

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15 July 2021 7:49:11 AM

Existing vehicle crossing

Existing kerb and channel

Survey BM
PM 74169
RL 2.575

Proposed DN150 sewer line
Refer Drg No. 50558003 for details

GLENELG AVENUE

CAUTION: ASBESTOS (A.C)

Handling of asbestos cement pipes shall be carried out in accordance with the Queensland Workplace Health and Safety (WH&S) Act 2011 and the WH&S Queensland Code of Practice

Remove and replace pipe length of existing DN100 A.C water main with DN100 DICL pipe.
under supervision by Gold Coast Water and Waste.
Refer detail below

Install approved tapping band to existing DN100 A.C watermain, under supervision by Gold Coast Water and Waste.

A Non–OPW Low Risk application is required for these works

Existing overhead electricity

Existing DN100 A.C Water main

Existing telecommunications

Existing electricity pole

Lot 344
RP136078

Set existing cast iron fire hydrant box and lid in vehicle crossing

Existing concrete footpath

Existing vehicle crossing

Existing tree to remain

Existing water meter to remain to service proposed Lot 1

Proposed Lot 1

Lot 72
RP42678

Proposed Lot 2

Construct short water service connection to proposed Lot 2 including:
- Main tap valve
- DN25 polyethylene PN16 PE100 water pipe
- Water meter ball valve
- DN20 water meter and box
- SS drinking water service marker on existing kerb and channel

in accordance with Std Drg No's SEQ–SEW–1106–1 and SEQ–SEW–1106–2

A Non–OPW Low Risk application is required for these works

Lot 73
RP42678

PLANS AND DOCUMENTS referred to in the DEVELOPMENT APPROVAL

Application No: COM / 2021 / 140

Dated: 29 July 2021

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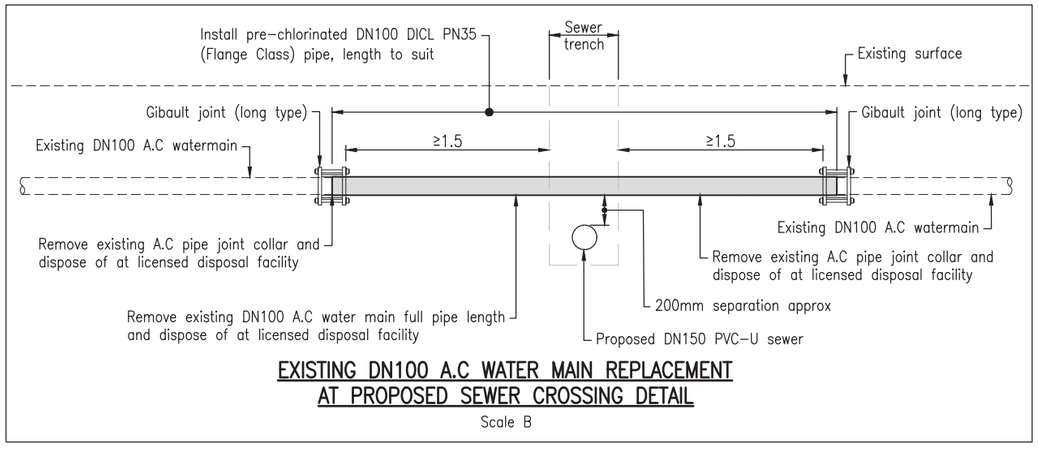

EXISTING DN100 A.C WATER MAIN REPLACEMENT AT PROPOSED SEWER CROSSING DETAIL
Scale B

LAYOUT
Scale A

NOTES
1. Standard Legend, Notes and Details – refer Drg No 50558002.

REVISIONS			
REV	DATE	DESCRIPTIONS	CERTIFIED
2	15.07.21	Council Information Request Issue	
1	15.06.21	Council Issue	

SURVEY DATA
DATUM
HORIZ. PM 74172
HEIGHT AHD Derived
SURVEY BOOKS 28128-01 DTM
GDA

SCALES
Scale A 0 0.8 1.6m
Scale B 0 0.2 0.4 0.6 0.8m
Dimensions in metres unless shown otherwise

CLIENT
Austin and Shae Langridge

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G. Lerch
RPEQ No. 07382 15.06.2021

PROPOSED 2 LOT RESIDENTIAL SUBDIVISION
39 GLENELG AVENUE - MERMAID BEACH

WATER RETICULATION LAYOUT

PROJECT No. 50558
DRAWING No. 50558004 2
Series No. 4 of 6

Adjacent vehicle crossing

Existing concrete footpath

Survey BM
PM 74169
RL 2.575

Proposed DN150 Sewer

GLENELG AVENUE

Sawcut existing concrete footpath (typical)

Transition to existing footpath level and crossfall over 1m (typical)

Internal kerb tapers in accordance with IPWEA Std Drg RS-049 (typical)

Existing kerb and channel

Internal kerb tapers in accordance with IPWEA Std Drg RS-049 (typical)

Reinstate back of existing kerb and channel after demolition of existing vehicle crossing

Adjacent vehicle crossing

Control joints or plastic divider strip around existing hydrant box to provide 600 x 600 minimum 'breakout' section in accordance with CGCWW Std Drg No. 11-161

Lot 344
RP136078

Set existing cast iron fire hydrant box and lid in vehicle crossing

Existing water meter to remain

Reconstruct existing concrete footpath between vehicle crossings

Existing tree to remain

Existing concrete footpath

Control Line MDA01

Control Line MDA02

Lot 72
RP42678

Proposed Lot 1

Proposed Lot 2

Lot 73
RP42678

Lot 343
RP136078

Future garage (indicative)

Future garage (indicative)

PLANS AND DOCUMENTS referred to in the DEVELOPMENT APPROVAL

Application No: COM / 2021 / 140

Dated: 29 July 2021

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NOTES

1. Standard Legend, Notes and Details – refer Drg No 50558002.
2. For Longitudinal Section and Setout details – refer Drg No 50558006.

REVISIONS			
REV	DATE	DESCRIPTIONS	CERTIFIED
2	15.07.21	Council Information Request Issue	
1	15.06.21	Council Issue	

SURVEY DATA
DATUM
HORIZ. PM 74173
HEIGHT AHD Derived
SURVEY BOOKS 28128-01 DTM

SCALES
0 0.8 1.6m
Dimensions in metres unless shown otherwise

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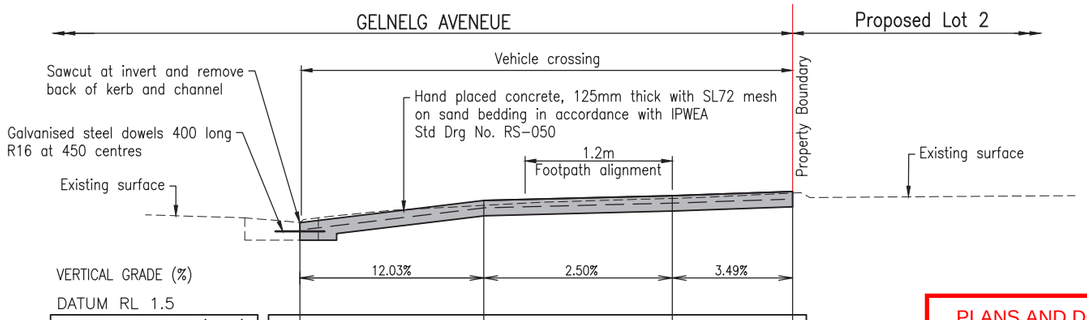
RPEQ No. 07382 15.06.2021

PROPOSED 2 LOT RESIDENTIAL SUBDIVISION
40 GLENELG AVENUE - MERMAID BEACH

VEHICLE CROSSING
DETAILED LAYOUT

PROJECT No. 50558
DRAWING No. 50558005 2
Series No. 5 of 6



VERTICAL GRADE (%)

DATUM RL 1.5

DEPTH OF CUT (+ve) HEIGHT OF FILL (−ve)	0.000	−0.040	−0.022	−0.029
FINISHED SURFACE LEVEL	2.252	2.432	2.470	2.505
EXISTING SURFACE LEVEL	2.252	2.392	2.448	2.495
CONTROL LINE CHAINAGE	0.000	1.500	3.018	4.018

CONTROL LINE MDA02 – VEHICLE CROSSING LOT 2

PLANS AND DOCUMENTS referred to in the DEVELOPMENT APPROVAL

Application No: COM / 2021 / 140

Dated: 29 July 2021

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SURVEY CONTROL

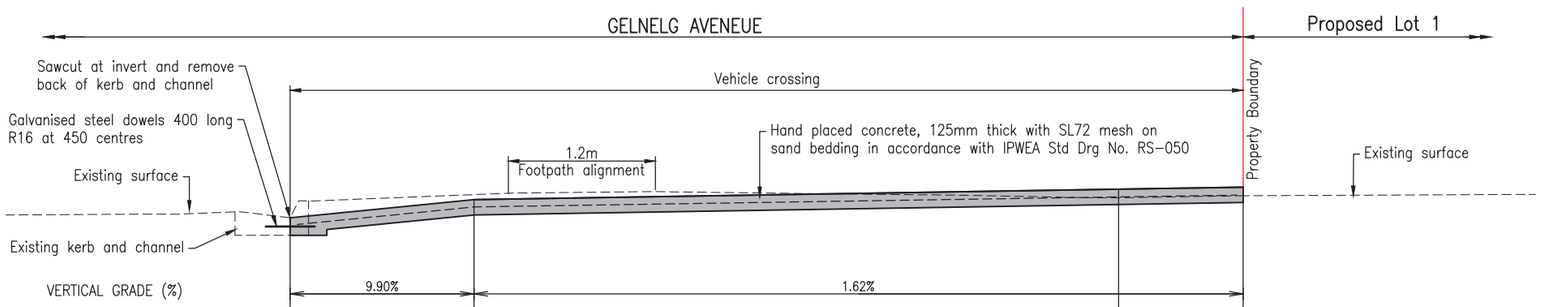
Point	Easting	Northing	Height
PM 74169	200.9508	810.0490	2.575

VEHICLE CROSSING 2 – SETOUT POINTS TABLE

Point	Easting	Northing	Height
VC20	217.195	811.281	2.245
VC21	217.718	811.322	2.350
VC22	218.220	810.077	2.407
VC23	219.628	807.930	2.505
VC24	214.992	806.057	2.525
VC25	214.512	808.580	2.456
VC26	214.011	809.818	2.410
VC27	214.413	810.158	2.270

VEHICLE CROSSING 1 – SETOUT POINTS TABLE

Point	Easting	Northing	Height
VC01	205.156	808.297	2.390
VC02	205.595	808.041	2.540
VC03	205.040	806.778	2.553
VC04	204.824	805.262	2.640
VC05	205.203	803.758	2.644
VC06	206.027	802.435	2.670
VC07	201.391	800.562	2.670
VC08	200.709	802.743	2.637
VC09	200.532	805.018	2.610
VC10	200.932	807.264	2.583
VC11	201.511	808.699	2.534
VC12	202.107	809.999	2.580
VC13	202.555	809.777	2.445



VERTICAL GRADE (%)

DATUM RL 1.5

DEPTH OF CUT (+ve) HEIGHT OF FILL (−ve)	0.139	0.043	−0.070	−0.082
FINISHED SURFACE LEVEL	2.420	2.569	2.654	2.670
EXISTING SURFACE LEVEL	2.559	2.612	2.584	2.600
CONTROL LINE CHAINAGE	0.000	1.500	6.758	7.774

CONTROL LINE MDA01 – VEHICLE CROSSING LOT 1

LONGITUDINAL SECTIONS

Scale A

VEHICLE CROSSING 2 – CONTROL LINE MDA02 SETOUT TABLE

PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	RAD/SPIRAL	A.LENGTH
IP 1	0.000	215.804	810.719	2.252	158°00'00.00"		
IP 2	4.018	217.310	806.994	2.505	158°00'00.00"		

VEHICLE CROSSING 1 – CONTROL LINE MDA01 SETOUT TABLE

PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	RAD/SPIRAL	A.LENGTH
IP 1	0.000	203.808	808.848	2.420	206°09'51.79"		
TC	1.262	203.251	807.715	2.545	206°09'51.79"		
IP 2	4.010	201.947	805.060	2.609		R −6.000	5.496
CT	6.758	203.258	802.409	2.654	153°40'41.08"		
IP 3	7.774	203.709	801.498	2.670	153°40'41.08"		

REVISIONS			
REV	DATE	DESCRIPTIONS	CERTIFIED
2	15.07.21	Council Information Request Issue	
1	15.06.21	Council Issue	

SURVEY DATA

DATUM

HORIZ. PM 74173

HEIGHT AHD Derived

SURVEY BOOKS 28128-01 DTM

GDA

SCALES

0 0.5 1.0m

Dimensions in metres unless shown otherwise

CLIENT

Austin and Shae Langridge

GELEON
ABN 53 143 670 071
Suite 12, Level 1, 3029 The Boulevard
Emerald Lakes, Carrara
PO Box 454 Nerang Qld 4211
tel +61 7 5594 4473

Drawn	EJK	15.07.2021
Checked	CRK	15.07.2021
Designed	CRK	15.07.2021
Checked	GEL	15.07.2021

Engineering Certification

Original signed by G. Lerch

G. Lerch
RPEQ No. 07382
15.06.2021

PROPOSED 2 LOT RESIDENTIAL SUBDIVISION
40 GLENELG AVENUE - MERMAID BEACH

VEHICLE CROSSING
LONGITUDINAL SECTIONS
AND SETOUT DETAILS

PROJECT No. 50558

DRAWING No. 50558006 | 2

Series No. 6 of 6