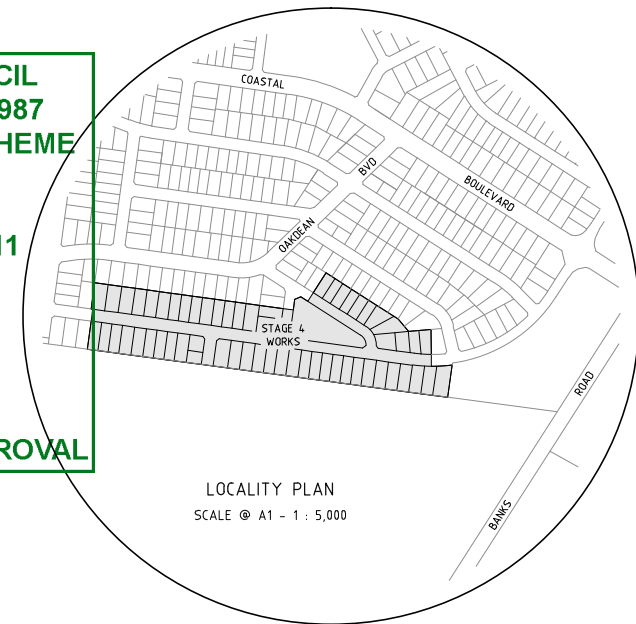


Kingston Coast Estate - Stage 4 Ocean Grove

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

Endorsed Plan
Planning Permit No: PP-1263-2011
Condition No: 9
Sheet 1 of 23
Approved By BR
Approved Date 2/06/2021

NOTE: THIS IS NOT A BUILDING APPROVAL



NOTES:

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

SITE MANAGEMENT :

- ALL WORKS ARE TO BE UNDERTAKEN IN ACCORDANCE WITH THE APPROVED CONSTRUCTION MANAGEMENT PLAN.
- ALL TREES, SHRUB etc. ARE TO BE RETAINED UNLESS OTHERWISE INDICATED.
- 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.
- 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 :

- THE CONTRACTOR SHALL:
 - 48 HOURS NOTICE IN WRITING TO COGG SUBDIVISIONS ENGINEER OR REPRESENTATIVE PRIOR TO THE COMMENCEMENT OF WORKS.
 - NOTIFY COGG SUBDIVISIONS ENGINEER OR REPRESENTATIVE 24 HOURS PRIOR TO WORKING ON ANY WEEKEND.
 - BE FULLY AWARE OF ALL SITE CONDITIONS PRIOR TO TENDERING
 - BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES PRIOR TO THE COMMENCEMENT OF WORKS AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE SERVICES.
 - BE RESPONSIBLE FOR THE INSTALLATION OF ALL SERVICES REQUIRED FOR THE PROJECT.
 - 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.
 - 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 15m OR MORE IN DEPTH.
 - 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.
 - COMPLY WITH THE OCCUPATIONAL HEALTH AND SAFETY (CONFINED SPACES) REGULATIONS AND CODE OF PRACTICE FOR CONFINED SPACES.
 - 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.
- 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.
- 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.
- 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.
- EXISTING SURFACE LEVELS ARE SHOWN THUS:
- ALL DIMENSIONS ARE IN METRES AND LEVELS ARE TO AUSTRALIAN HEIGHT DATUM (AHD).

ROADWORKS :

- SUBSOIL DRAINS ARE TO BE CONSTRUCTED BEHIND THE KERB AND CHANNEL OR AS DIRECTED BY THE COGG SUBDIVISIONS ENGINEER OR REPRESENTATIVE.

- 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.
- 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.
- 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.
- CONCRETE FOR KERB AND CHANNEL USED IN EXTRUSION MACHINES SHALL HAVE A MINIMUM CEMENT CONTENT OF 280 kg/m³.
- CONCRETE FOR STORMWATER PITS IS TO HAVE A MINIMUM STRENGTH OF 32Mpa AT 28 DAYS.
- CONCRETE FOR ALL OTHER APPLICATIONS IS TO HAVE A MINIMUM STRENGTH OF 25Mpa AT 28 DAYS.
- 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.
- 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.
- 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.
- 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.
- BATTER SLOPES ON LOTS SHALL BE A MAXIMUM OF 1 IN 5 FOR FILL AND 1 IN 3 FOR CUT UNLESS OTHERWISE SHOWN.
- AS PART OF CIVIL WORKS, ROUNDED-TOPPED TREATED PINE BOLLARDS (0.6m HIGH) ARE TO BE PLACED ACROSS THE FRONTAGE OF RESERVE 1 AT 15m CENTRES WITH A LOCKED/REMOVABLE BOLLARD CENTRAL TO THE PATH FOR MAINTENANCE ACCESS (REFER TO COUNCIL STANDARD DRAWING CGG701).
- 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.
- 'NO THROUGH ROAD' SIGN IS TO BE INSTALLED BELOW THE STREET SIGN WHERE APPLICABLE.
- 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.
- GAS CONDUITS ARE 50mm HEAVY DUTY PVC AND ARE TO EXTEND FROM THE POINT OF SUPPLY TO AT LEAST 500mm BEYOND THE PROPERTY BOUNDARY.
- 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.
- 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.
- LOT NUMBERS SHALL BE STENCILLED IN 50mm HIGH FIGURES WITH WHITE PAINT ON THE FACE OF THE KERB AND CHANNEL.

DRAINAGE :

- PIPE DRAINAGE WITHIN ROADWAYS TO BE REINFORCED CONCRETE PIPES - CLASS 2 UNLESS OTHERWISE SHOWN
- ALL REINFORCED CONCRETE PIPES ARE TO BE RUBBER RING JOINTED.
- 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.
- 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.

- ALL PITS ARE TO BE SET OUT FROM SURVEY CO-ORDINATES USING SET OUT POINTS DETAILED IN THE COGG STANDARD DRAWINGS.
- 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.
- 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.
- PIPEWORK AT ALL PITS TO BE WELL ALIGNED TO ENSURE FLOW IS GUIDED TO OUTLET PIPE eg. NOT
- 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.
- PROPERTY INLET PITS ARE SHOWN THUS: AND ARE TO BE LOCATED 1m FROM THE LOW CORNER UNLESS OTHERWISE SHOWN.
- LOTS DENOTED THUS: 340^H 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.
- HOUSE DRAINS ARE TO BE A MINIMUM OF 0.5m BELOW FINISHED SURFACE AT THE LOT BOUNDARY UNLESS OTHERWISE SHOWN.
- EASEMENT DRAIN CONNECTION TO BE A MINIMUM OF 0.5m BELOW FINISHED SURFACE UNLESS OTHERWISE SHOWN.
- WHEN USING 150mm DIAMETER UPVC PIPES ALL HOUSE DRAINS ARE TO BE CONNECTED USING STANDARD T-PIECE FITTINGS.
- 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.
- 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.
- 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.
- 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.
- 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.
- ALL SEWER MANHOLES LOCATED WITHIN FOOTPATHS ARE TO BE POSITIONED AND ROTATED SO THAT THEY ARE PLACED CENTRALLY WITHIN THE FOOTPATH TO PREVENT CRACKING.
- ALL DRAINAGE PITS ARE TO BE FITTED WITH TERRA-FIRMA PIT LIDS.

SHEET INDEX

SHEET No.	VERSION No.	DESCRIPTION
1	B	GENERAL NOTES
2	B	FACEPLAN AND SERVICES SCHEDULE
3	B	FACEPLAN, SERVICES SCHEDULE & CURVE SETOUT SCHEDULE.
4	B	SHOREBREAK WAY LONGITUDINAL SECTION (CH00-CH203.08).
5	B	SHOREBREAK WAY LONGITUDINAL SECTION (CH203.08-CH452.97).
6	B	SHOREBREAK WAY CROSS SECTIONS (CH00-CH132.00).
7	B	SHOREBREAK WAY CROSS SECTIONS (CH47.23-CH305.00).
8	B	SHOREBREAK WAY CROSS SECTIONS (CH1323.09-CH452.97).

SHEET No.	VERSION No.	DESCRIPTION
9	B	ALLANWOOD STREET LONGITUDINAL SECTION & CROSS SECTIONS
10	B	PIPELINE DRIVE LONGITUDINAL SECTION & CROSS SECTIONS
11	B	CORAL POINT LANE LONGITUDINAL SECTION & CROSS SECTIONS.
12	B	SHOREBREAK WAY/PIPELINE DRIVE INTERSECTION DETAIL - (1:125)
13	B	SHOREBREAK WAY/CORAL POINT DRIVE INTERSECTION DETAIL - (1:125)
14	B	SHOREBREAK WAY/ALLANWOOD STREET INTERSECTION DETAIL - (1:125)
15	B	DRAINAGE LONGITUDINAL SECTION (A1-A7) LINE.
16	B	DRAINAGE LONGITUDINAL SECTION (A7-A10) LINE.

SHEET No.	VERSION No.	DESCRIPTION
17	B	DRAINAGE LONGITUDINAL SECTION (B1-B5) LINE.
18	B	DRAINAGE LONGITUDINAL SECTION (B5-B6 & 'C' LINES).
19	B	DRAINAGE LONGITUDINAL SECTIONS ('D'-Y LINES) INCLUSIVE.
20	B	DRAINAGE LONGITUDINAL SECTIONS ('J'-P' LINES) INCLUSIVE.
21	B	DRAINAGE PIT & SETOUT SCHEDULES
22	B	STREET SIGNAGE PLAN
23	B	PLAN OF SUBDIVISION

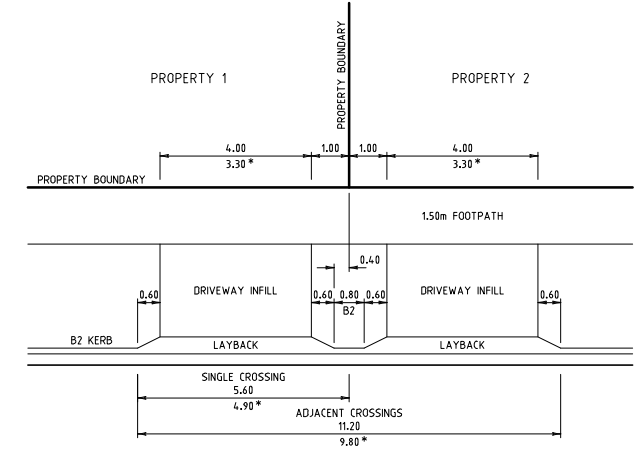
AMENDMENTS		Peter Berry & Associates Pty. Ltd. Civil Engineers		153 Yarra Street Geelong Victoria 3220 Telephone: 5223 2799	
21.05.21	VERSION B	MELWAY REF.	KINGSTON COAST ESTATE STAGE 4		
26.02.21	VERSION A (PRELIMINARY)	SURVEYED			
DATE	DESCRIPTION	DESIGNED P.J.B			
A1		DRAWN C.S.	MUNICIPALITY GREATER GEELONG REFERENCE 1503 E/4		
		CHECKED			
				SHEET 1 OF 23	

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

**Endorsed Plan
Planning Permit No: PP-1263-2011
Condition No: 9
Sheet 2 of 23
Approved By BR
Approved Date 2/06/2021**

NOTE: THIS IS NOT A BUILDING APPROVAL

PLAN
SCALE (A1) 1 : 500



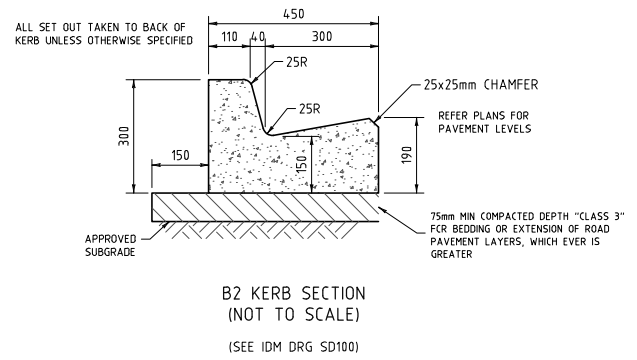
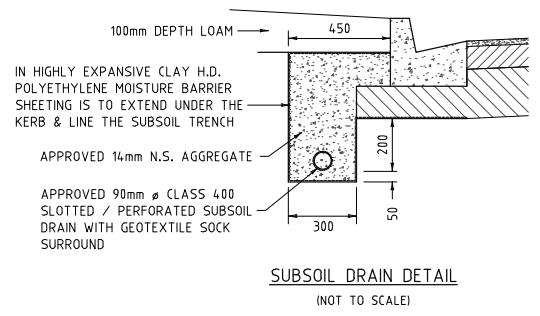
- NOTE:**
- WHERE LOT FRONTAGES ARE LESS THAN 12.50m THE DRIVEWAY WIDTH IS TO BE A MAXIMUM OF 3.30m.
 - WHERE ADJACENT DRIVEWAYS ARE LOCATED ON EACH SIDE OF THE PROPERTY BOUNDARY, THE LAYOUT IS TO BE AS PER ABOVE.
 - WHERE ADJACENT DRIVEWAYS ARE LOCATED ON EACH SIDE OF THE PROPERTY BOUNDARY, THE LAYOUT IS TO BE AS PER ABOVE.

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

PROVIDE POST AND WIRE FENCE OFFSET 0.50m AROUND TEMPORARY TURNAROUND AREA. REFER TO VIKEROADS SD31-1 OR APPROVED EQUIVALENT.

PROVIDE 150mm DEEP CLASS 3 FCR TEMPORARY TURNING AREA

VEHICLE CROSSING DETAILS (NOT TO SCALE)



NOTE: ALL CURVE RADII LABELLED THUS - [1] ARE TO BACK OF KERB (REFER TO TABLE ON SHEET 3 FOR DETAILS)

SURVEY MARKS AND LOCATIONS

DESCRIPTION	EASTING	NORTHING	ELEVATION
TBM 'A' STAR PICKET - LOT 422	1985.645	595.845	32.345
TBM 'A' STAR PICKET - LOT 412	2140.140	562.145	30.330

SERVICES LOCATION SCHEDULE

STREET NAME	TELECOM	GAS	WATER	ELECTRICITY	KERB
SHOREBREAK WAY	1.90 S	2.10 N	2.70 N	2.50 S	4.25
PIPELINE DRIVE	1.90 E	2.10 W	2.70 W	2.50 E	4.25

A1	1:500	0	5	10	20	30	METRES
	<p>Peter Berry & Associates Pty. Ltd. Civil Engineers 153 Yarra Street Geelong Victoria 3220 Telephone: 5223 2799</p>						
AMENDMENTS	21.05.21	VERSION B	MELWAY REF.	KINGSTON COAST ESTATE STAGE 4			MUNICIPALITY GREATER GEELONG
	26.02.21	VERSION A (PRELIMINARY)	SURVEYED				REFERENCE 1503 E/4
	DATE	DESCRIPTION	DESIGNED	P.J.B	SHEET 2 OF 23		
			DRAWN	C.S.			
			CHECKED		SCALE AS SHOWN	DATUM	AHD
					DATE	FEB '21	

PLAN
SCALE (A1) 1 : 500

DEPTH OF FILL
NIL - 0.30

NOTE: FOR FILLING DETAILS REFER TO NOTE 22 (SHEET 1).

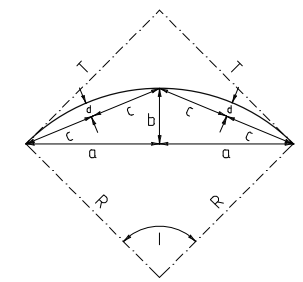
CURVE	RADIUS (m)	I	T	ARC	a	b	c	d
1	9.00	89°56'21"	8.990	14.128	6.361	2.633	3.442	0.684
2	9.00	90°03'39"	9.010	14.167	6.367	2.639	3.446	0.686
3	9.00	90°04'00"	9.010	14.168	6.368	2.640	3.447	0.686
4	9.00	89°56'00"	8.990	14.127	6.360	2.632	3.442	0.684
5	17.42	49°51'56"	8.099	15.162	7.344	1.624	3.761	0.411
6	24.92	57°06'56"	13.564	24.843	11.913	3.032	6.147	0.770
7	7.00	105°18'02"	9.172	12.865	5.565	2.753	3.104	0.726
8	9.00	81°56'59"	7.817	12.873	5.902	2.205	3.150	0.569
9	184.25	7°13'39"	11.637	23.242	11.613	0.366	5.810	0.092
10	191.75	7°13'39"	12.110	24.189	12.086	0.381	6.046	0.095

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

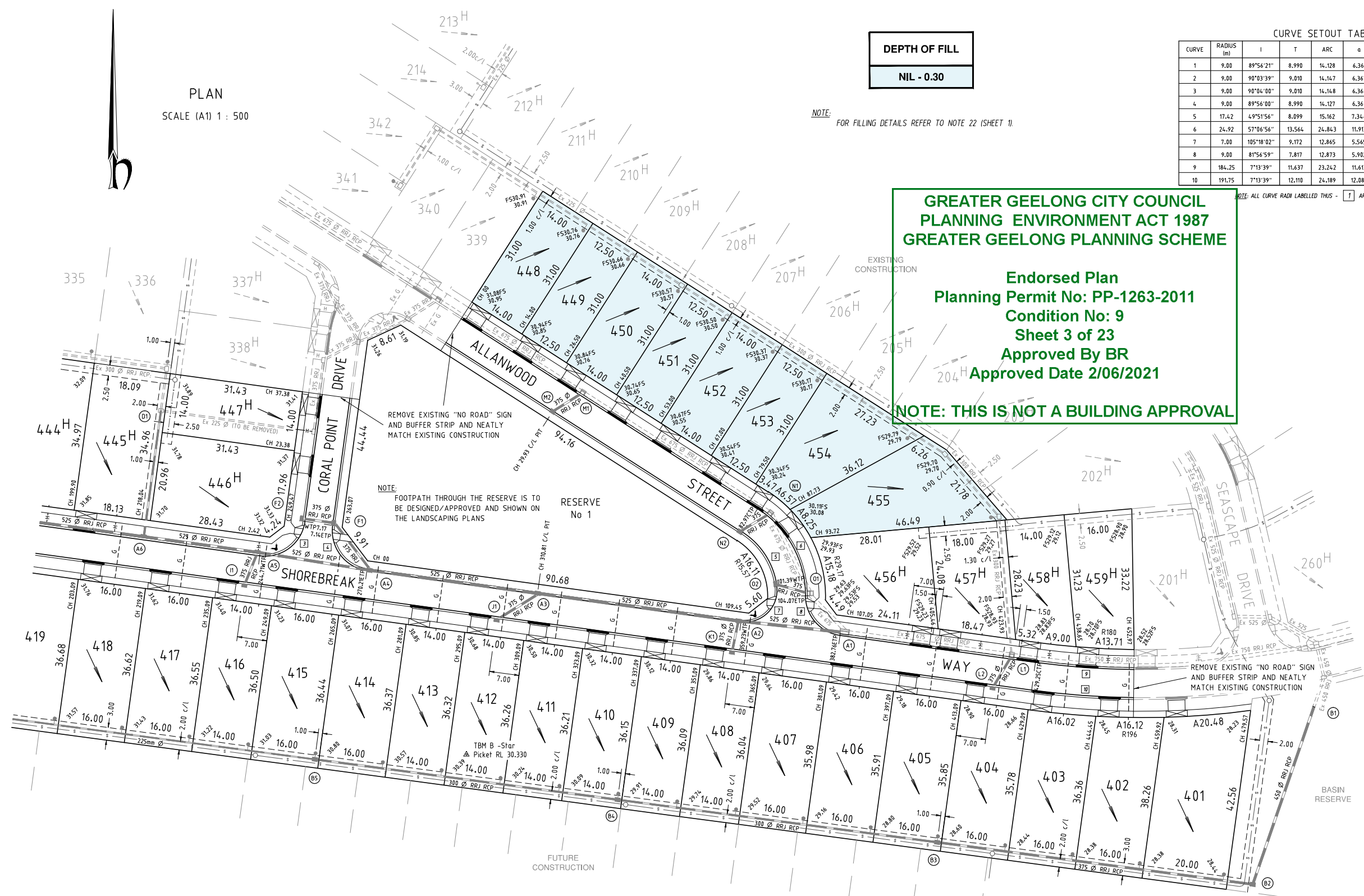
**GREATER GEELONG CITY COUNCIL
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GREATER GEELONG PLANNING SCHEME**

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CURVE SETOUT DETAIL
(NOT TO SCALE)



SURVEY MARKS AND LOCATIONS

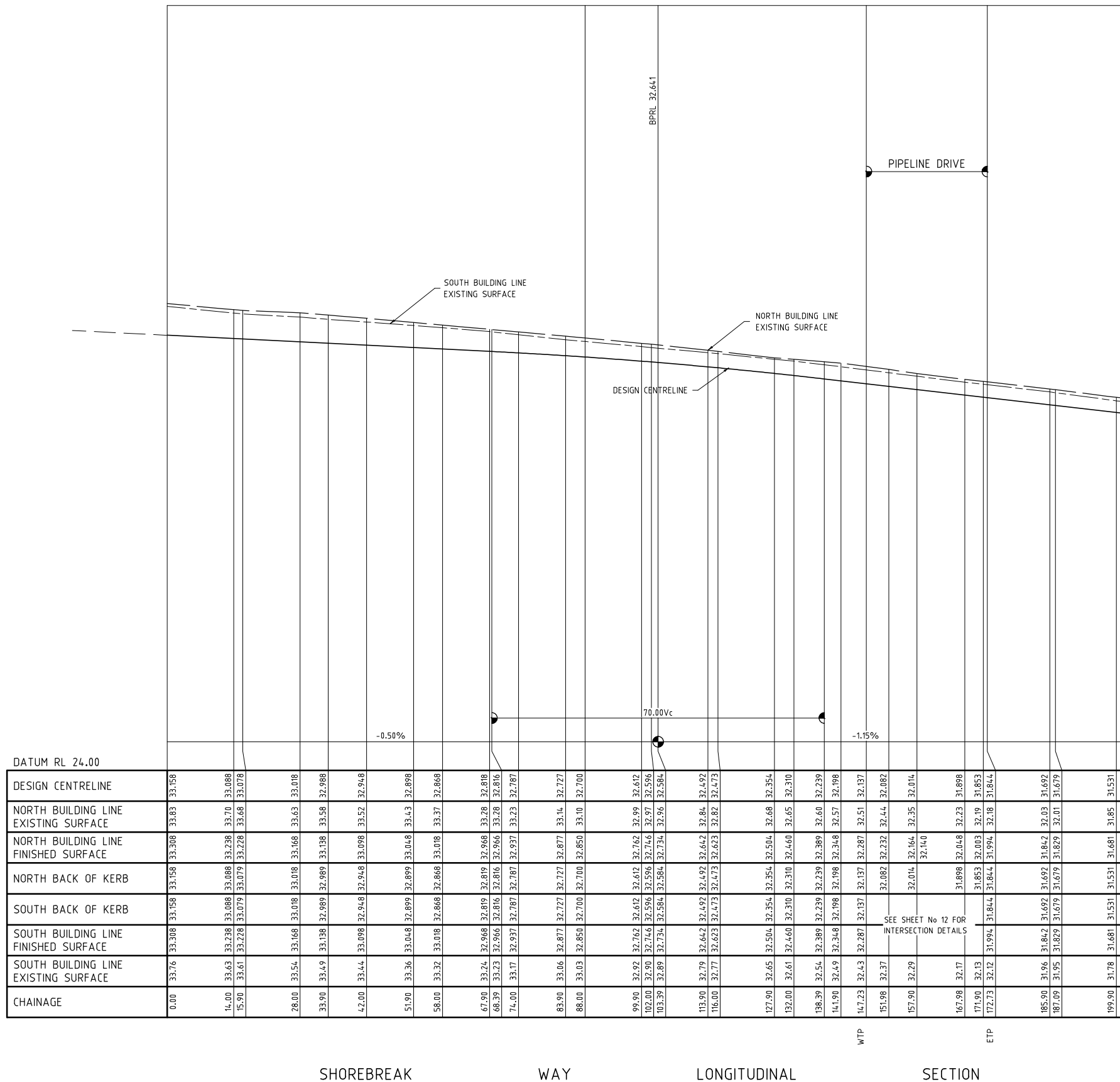
DESCRIPTION	EASTING	NORTHING	ELEVATION
TBM 'A' STAR PICKET - LOT 422	1985.645	595.845	32.345
TBM 'A' STAR PICKET - LOT 412	2140.140	562.145	30.330

SERVICES LOCATION SCHEDULE

STREET NAME	TELECOM	GAS	WATER	ELECTRICITY	KERB
SHOREBREAK WAY (16m ROAD RES)	1.90 S	2.10 N	2.70 N	2.50 S	4.25
SHOREBREAK WAY (13.60m ROAD RES)	1.90 S	0.60 N	1.20 N	2.50 S	1.85N/4.25S
ALLANWOOD STREET	0.90 S	2.10 N	2.70 N	1.20 S	4.25N/1.85S
CORAL POINT DRIVE	0.90 E	2.10 W	2.70 W	1.20 E	4.25W/1.85E

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

AMENDMENTS 21.05.21 VERSION B 26.02.21 VERSION A (PRELIMINARY)		Peter Berry & Associates Pty. Ltd. Civil Engineers		153 Yarra Street Geelong Victoria 3220 Telephone: 5223 2799	
		MELWAY REF. SURVEYED DESIGNED P.J.B. DRAWN C.S. CHECKED		KINGSTON COAST ESTATE STAGE 4	
DATE DESCRIPTION 1 500 10 5 0 10 20 30 METRES		SCALE AS SHOWN DATUM AHD DATE FEB '21		MUNICIPALITY GREATER GEELONG REFERENCE 1503 E/4 SHEET 3 OF 23	



CHAINAGE	0.00	14.00	15.90	28.00	33.90	42.00	51.90	58.00	67.90	68.39	74.00	83.90	88.00	99.90	102.00	103.39	113.90	116.00	127.90	132.00	138.39	141.90	147.23	151.98	157.90	167.98	171.90	172.73	185.90	187.09	199.90	203.09		
DESIGN CENTRELINE	33.156	33.088	33.078	33.018	33.988	32.948	32.898	32.868	32.818	32.816	32.787	32.727	32.700	32.612	32.596	32.584	32.492	32.473	32.354	32.310	32.239	32.198	32.137	32.082	32.014	32.014	31.853	31.864	31.692	31.679	31.531	31.495		
NORTH BUILDING LINE EXISTING SURFACE	33.83	33.70	33.68	33.63	33.58	33.52	33.43	33.37	33.28	33.28	33.23	33.14	33.10	32.99	32.97	32.96	32.84	32.82	32.68	32.65	32.60	32.57	32.51	32.44	32.35	32.014	32.014	31.823	31.829	31.681	31.685	31.621		
NORTH BUILDING LINE FINISHED SURFACE	33.308	33.238	33.228	33.168	33.138	33.098	33.048	33.018	32.968	32.966	32.937	32.877	32.850	32.762	32.746	32.734	32.642	32.623	32.504	32.460	32.389	32.348	32.287	32.232	32.164	32.164	31.994	31.994	31.842	31.829	31.681	31.685	31.621	
NORTH BACK OF KERB	33.156	33.086	33.079	33.018	32.989	32.948	32.899	32.868	32.819	32.816	32.787	32.727	32.700	32.612	32.596	32.584	32.492	32.473	32.354	32.310	32.239	32.198	32.137	32.082	32.014	32.014	31.853	31.864	31.692	31.679	31.531	31.495	31.421	
SOUTH BACK OF KERB	33.156	33.086	33.079	33.018	32.989	32.948	32.899	32.868	32.819	32.816	32.787	32.727	32.700	32.612	32.596	32.584	32.492	32.473	32.354	32.310	32.239	32.198	32.137	32.082	32.014	32.014	31.853	31.864	31.692	31.679	31.531	31.495	31.421	
SOUTH BUILDING LINE FINISHED SURFACE	33.308	33.238	33.228	33.168	33.138	33.098	33.048	33.018	32.968	32.966	32.937	32.877	32.850	32.762	32.746	32.734	32.642	32.623	32.504	32.460	32.389	32.348	32.287	32.232	32.164	32.164	31.994	31.994	31.842	31.829	31.681	31.685	31.621	
SOUTH BUILDING LINE EXISTING SURFACE	33.76	33.63	33.61	33.54	33.49	33.44	33.36	33.32	33.24	33.23	33.17	33.06	33.03	32.92	32.89	32.89	32.79	32.77	32.65	32.61	32.54	32.49	32.43	32.37	32.29	32.17	32.13	31.994	31.994	31.842	31.829	31.681	31.685	31.621

SHOREBREAK WAY LONGITUDINAL SECTION

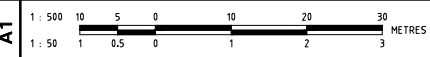
SCALES - HORIZ. 1 : 500
VERT. 1 : 50

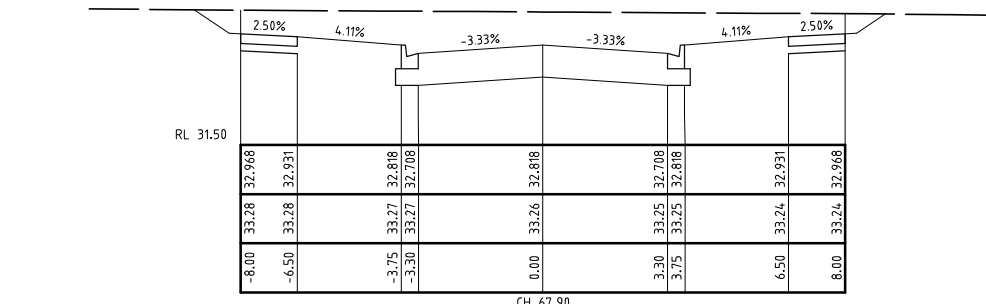
**GREATER GEELONG CITY COUNCIL
PLANNING ENVIRONMENT ACT 1987
GREATER GEELONG PLANNING SCHEME**

**Endorsed Plan
Planning Permit No: PP-1263-2011
Condition No: 9
Sheet 4 of 23
Approved By BR
Approved Date 2/06/2021**

NOTE: THIS IS NOT A BUILDING APPROVAL

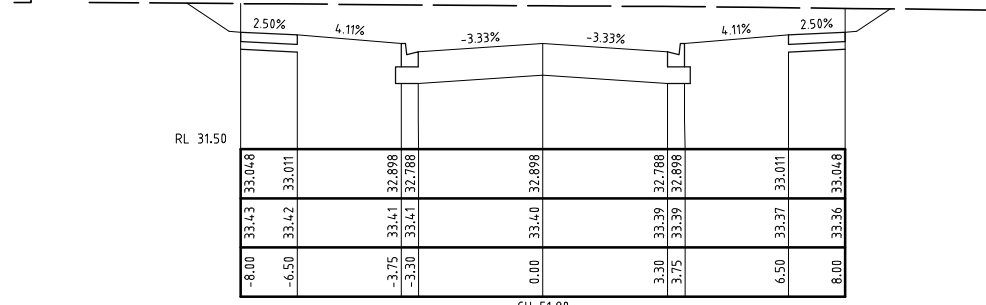
AMENDMENTS 21.05.21 VERSION B 26.02.21 VERSION A (PRELIMINARY)		MELWAY REF. SURVEYED DESIGNED P.J.B DRAWN C.S. CHECKED		Peter Berry & Associates Pty. Ltd. Civil Engineers 153 Yarra Street Geelong Victoria 3220 Telephone: 5223 2799		MUNICIPALITY GREATER GEELONG REFERENCE 1503 E/4 SHEET 4 OF 23	
DATE 21.05.21 26.02.21		DESCRIPTION VERSION B VERSION A (PRELIMINARY)		KINGSTON COAST ESTATE STAGE 4		SCALE AS SHOWN DATUM AHD DATE FEB '21	





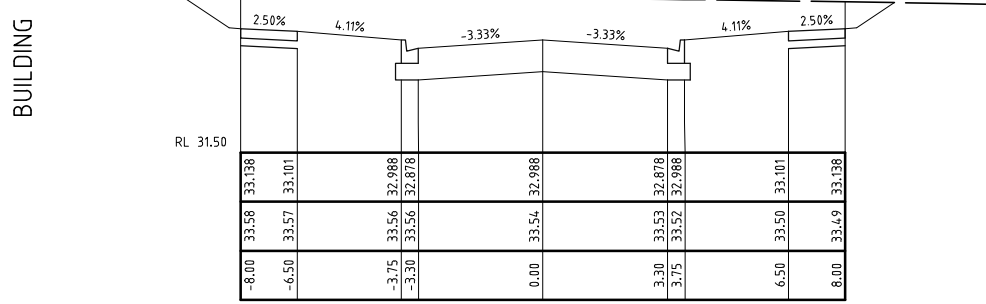
LINE

LINE



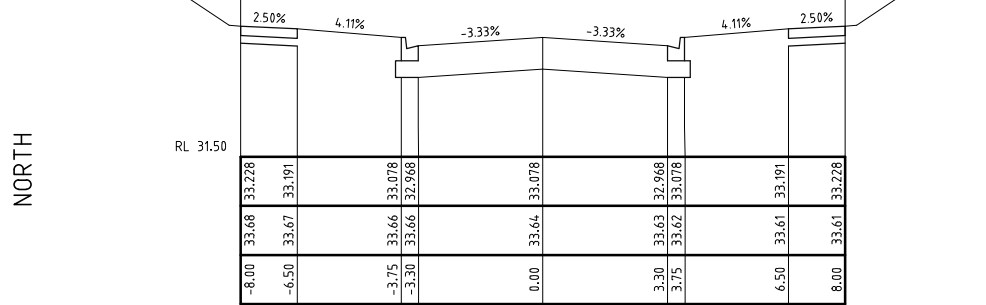
BUILDING

BUILDING



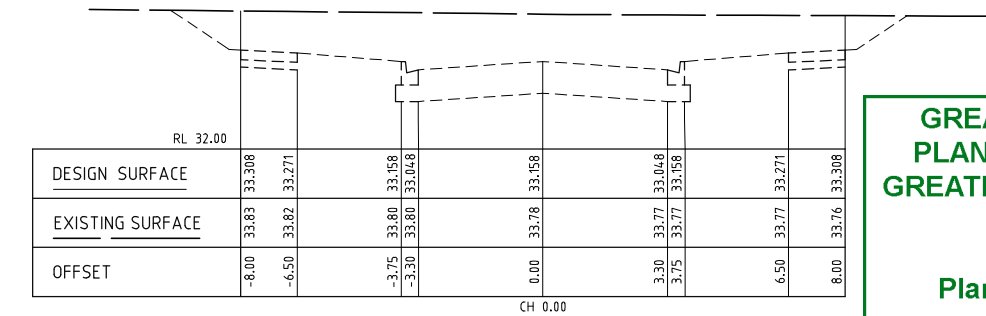
NORTH

SOUTH



NORTH

SOUTH



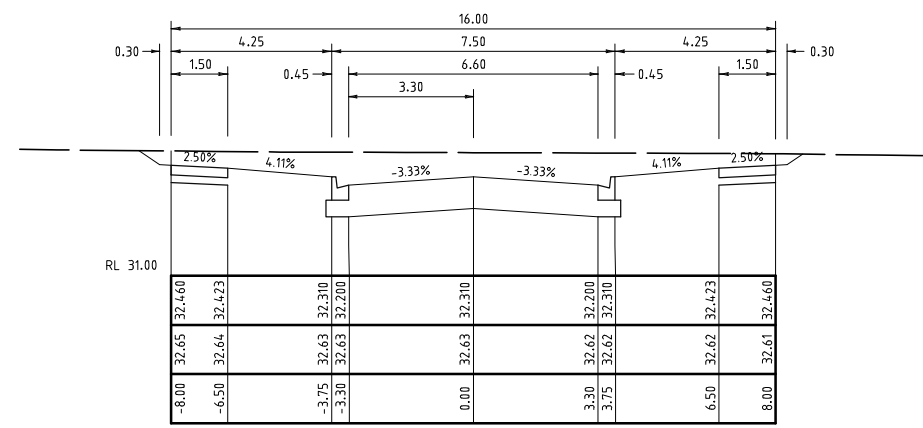
	-8.00	-6.50	-3.75	-3.30	0.00	3.30	3.75	6.50	8.00
DESIGN SURFACE	33.308	33.271	33.158	33.048	33.158	33.048	33.158	33.271	33.308
EXISTING SURFACE	33.83	33.82	33.80	33.80	33.78	33.77	33.77	33.77	33.76
OFFSET	-8.00	-6.50	-3.75	-3.30	0.00	3.30	3.75	6.50	8.00

- PAVEMENT TO CONSIST OF:
- a) 30mm COMPACTED DEPTH 10mm TYPE N CLASS 170 ASPHALT
 - b) PRIME AS SPECIFIED
 - c) 150mm COMPACTED DEPTH 20mm CLASS 2 FCR
 - d) 240mm COMPACTED DEPTH 20mm CLASS 3 FCR (2 LAYERS)
- SUBGRADE IMPROVEMENT (IF REQUIRED)
- e) 200mm DEPTH 3% LIME & 3% CEMENT STABILIZED SUBGRADE EXTENDING 150mm BEHIND KERB, OR
 - f) 150mm COMPACTED DEPTH OF APPROVED NDLR OR 40mm CLASS 4 FCR

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

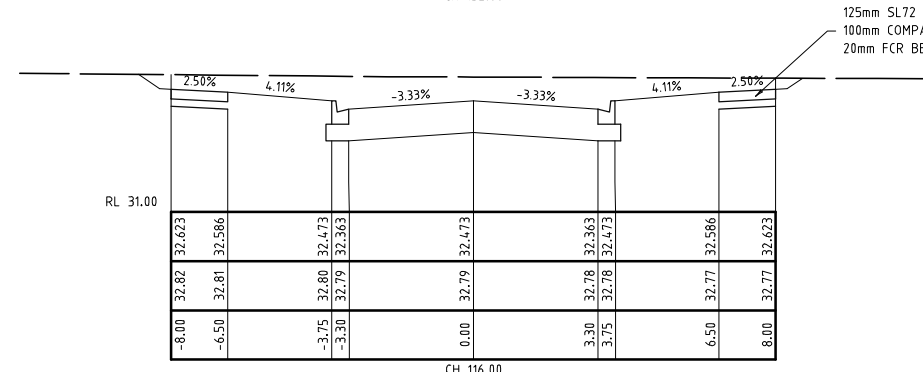
**Endorsed Plan
Planning Permit No: PP-1263-2011
Condition No: 9
Sheet 5 of 23
Approved By BR
Approved Date 2/06/2021**

NOTE: THIS IS NOT A BUILDING APPROVAL



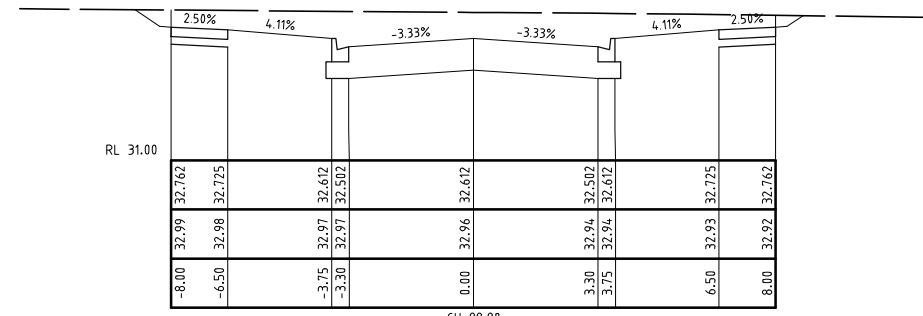
LINE

LINE



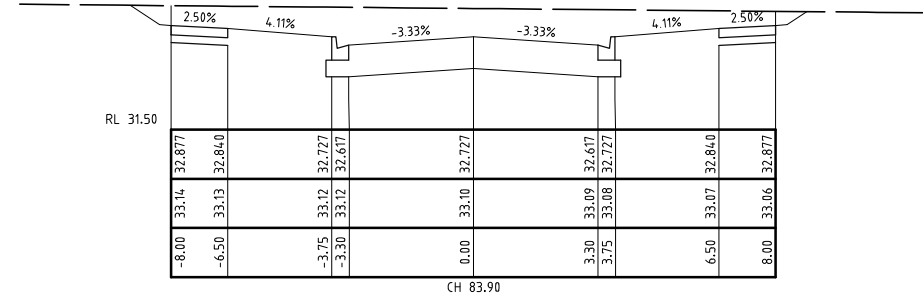
BUILDING

BUILDING



NORTH

SOUTH

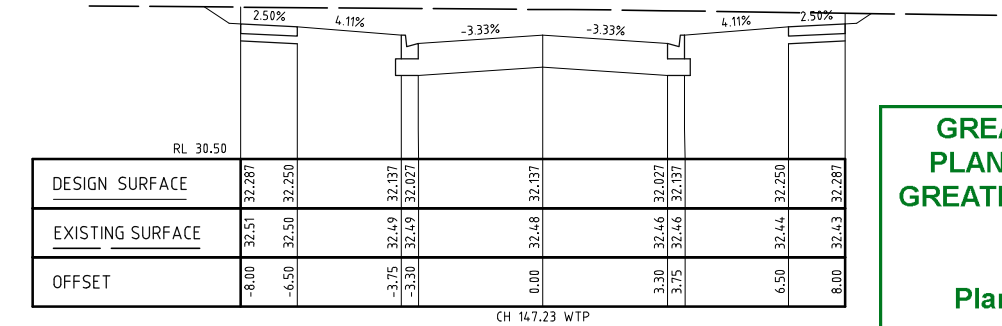
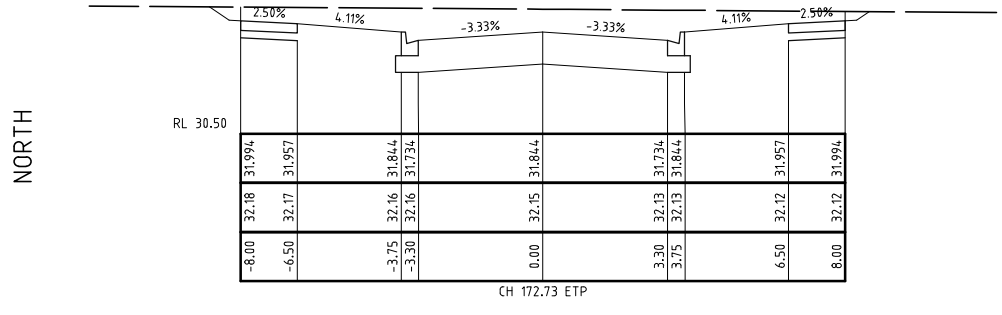
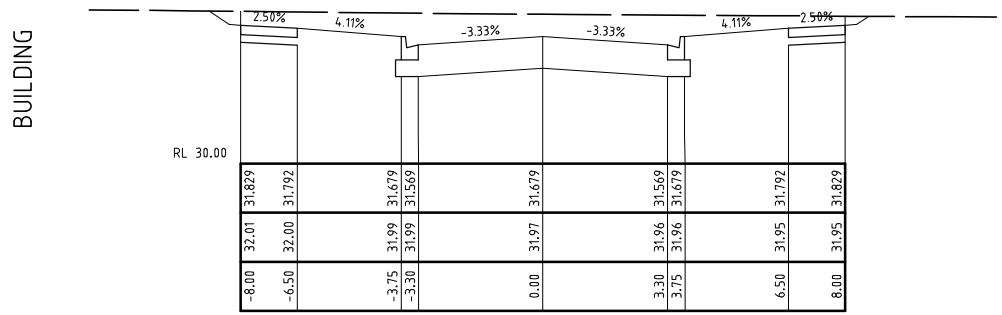
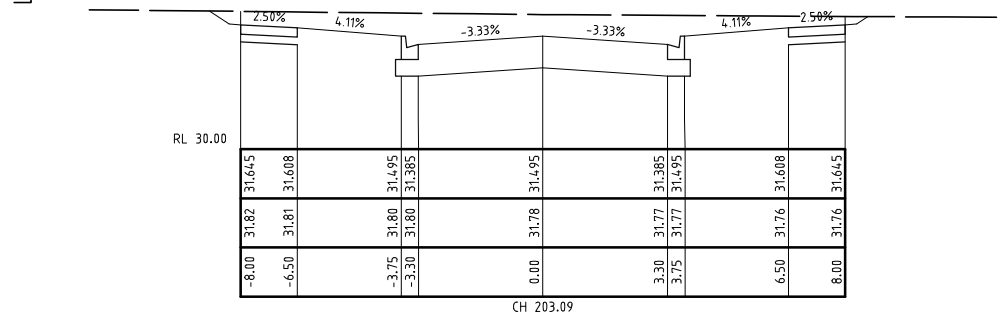
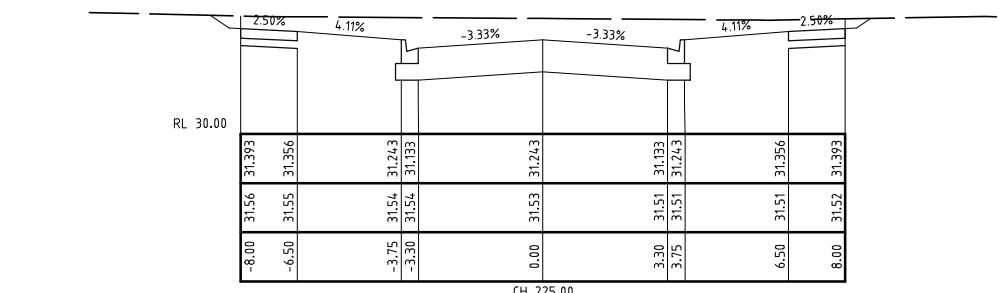


SHOREBREAK WAY CROSS SECTIONS

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

NOTE: BATTER SLOPES ON LOTS SHALL BE A MAXIMUM OF 1 IN 5 FOR FILL AND 1 IN 3 FOR CUT UNLESS OTHERWISE SHOWN.

AMENDMENTS 21.05.21 VERSION B 26.02.21 VERSION A (PRELIMINARY)		Peter Berry & Associates Pty. Ltd. Civil Engineers 153 Yarra Street Geelong Victoria 3220 Telephone: 5223 2799	
DATE 1:100 2 1 0 2 4 6 METRES 1:50 1 0.5 0 1 2 3		MELWAY REF. SURVEYED DESIGNED P.J.B DRAWN C.S. CHECKED	
DATE 1:100 2 1 0 2 4 6 METRES 1:50 1 0.5 0 1 2 3		KINGSTON COAST ESTATE STAGE 4 SCALE AS SHOWN DATUM AHD DATE FEB '21 SHEET 6 OF 23	
REFERENCE 1503 E/4		MUNICIPALITY GREATER GEELONG	



DESIGN SURFACE	32.287	32.137	32.137	32.287
EXISTING SURFACE	32.51	32.50	32.250	32.287
OFFSET	-8.00	-6.50	0.00	8.00

LINE

BUILDING

BUILDING

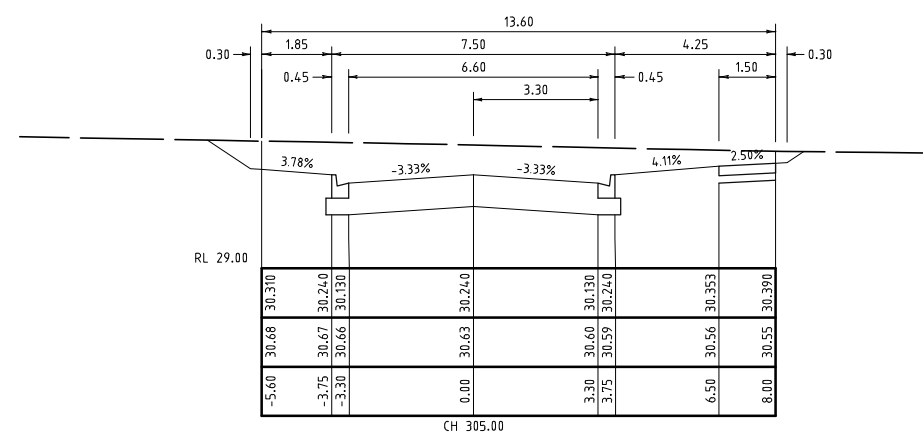
SOUTH

- PAVEMENT TO CONSIST OF:
- a) 30mm COMPACTED DEPTH 10mm TYPE N CLASS 170 ASPHALT PRIME AS SPECIFIED
 - b) 150mm COMPACTED DEPTH 20mm CLASS 2 FCR
 - c) 240mm COMPACTED DEPTH 20mm CLASS 3 FCR (2 LAYERS)
- SUBGRADE IMPROVEMENT (IF REQUIRED)
- e) 200mm DEPTH 3% LIME & 3% CEMENT STABILIZED SUBGRADE EXTENDING 150mm BEHIND KERB, OR
 - f) 150mm COMPACTED DEPTH OF APPROVED NDOR OR 40mm CLASS 4 FCR

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

**Endorsed Plan
Planning Permit No: PP-1263-2011
Condition No: 9
Sheet 6 of 23
Approved By BR
Approved Date 2/06/2021**

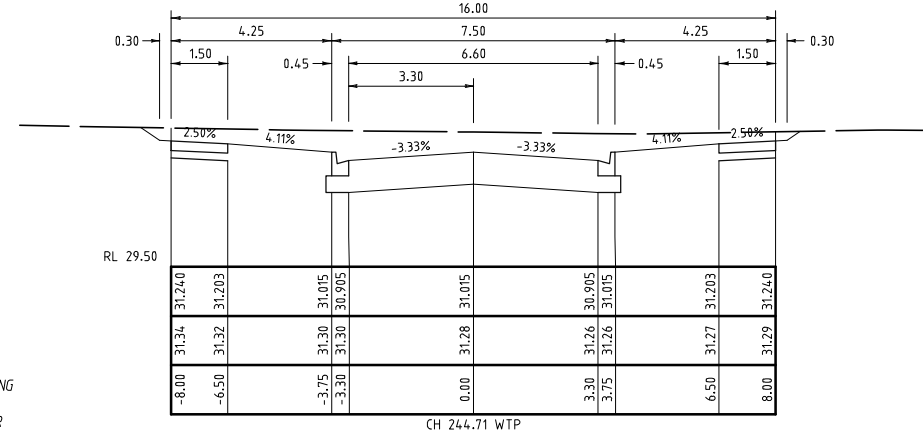
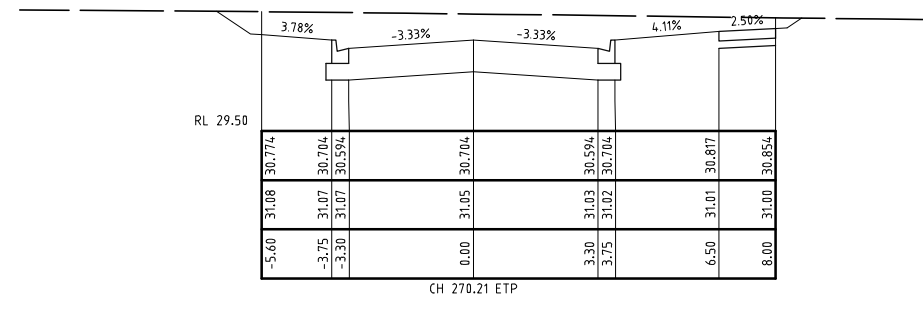
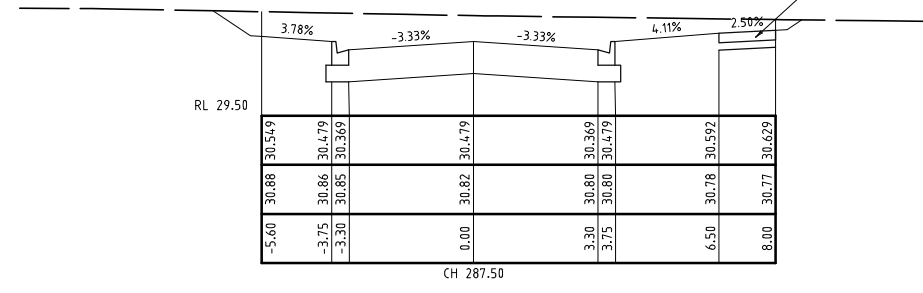
NOTE: THIS IS NOT A BUILDING APPROVAL



LINE

BUILDING

NORTH



LINE

BUILDING

SOUTH

125mm SL72 RC FOOTPATH ON
100mm COMPACTED DEPTH
20mm FCR BEDDING

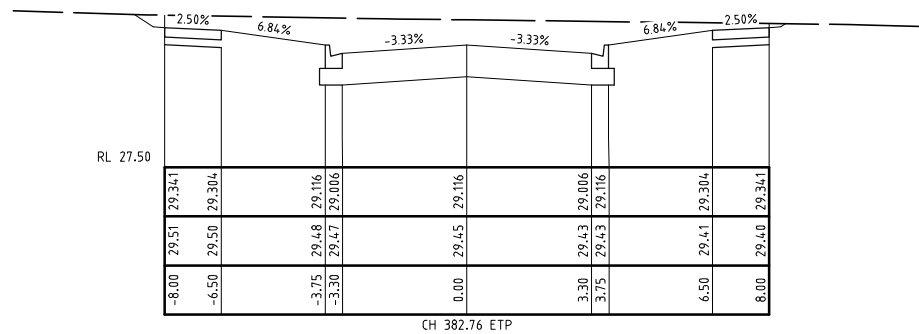
SHOREBREAK WAY CROSS SECTIONS

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

NOTE: BATTER SLOPES ON LOTS SHALL BE A MAXIMUM OF 1 IN 5 FOR FILL AND 1 IN 3 FOR CUT UNLESS OTHERWISE SHOWN.

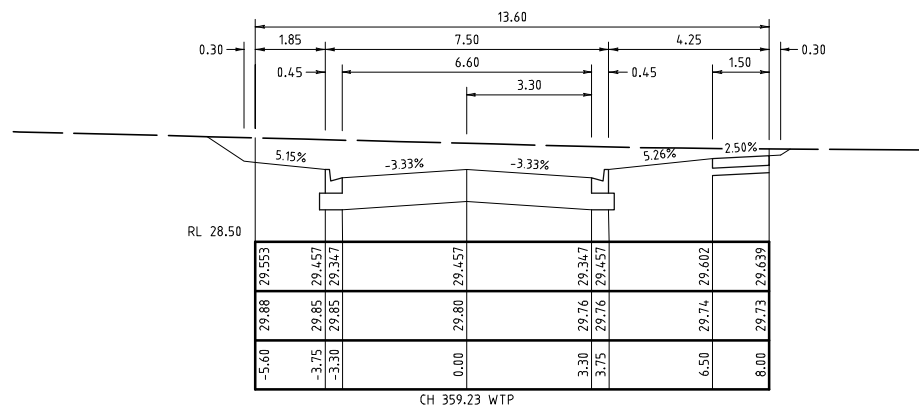
AMENDMENTS 21.05.21 VERSION B 26.02.21 VERSION A (PRELIMINARY)		Peter Berry & Associates Pty. Ltd. Civil Engineers 153 Yarra Street Geelong Victoria 3220 Telephone: 5223 2799	
DATE 1: 100 1: 50	DESCRIPTION 1 0 2 4 6 METRES 1 0.5 0 1 2 3	MELWAY REF. SURVEYED DESIGNED P.J.B DRAWN C.S. CHECKED	MUNICIPALITY GREATER GEELONG REFERENCE 1503 E/4 SHEET 7 OF 23
DATE FEB '21		SCALE AS SHOWN	DATUM AHD DATE FEB '21

LINE



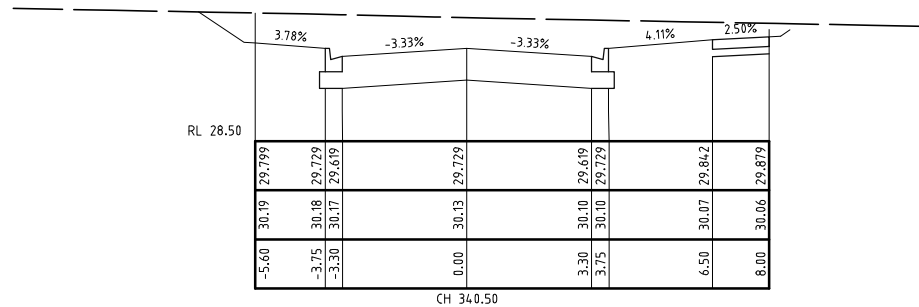
LINE

BUILDING

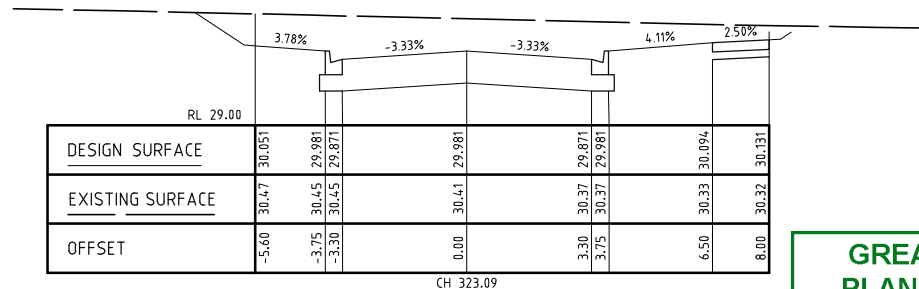


BUILDING

NORTH



SOUTH



SHOREBREAK WAY CROSS SECTIONS

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

NOTE: BATTER SLOPES ON LOTS SHALL BE A MAXIMUM OF 1 IN 5 FOR FILL AND 1 IN 3 FOR CUT UNLESS OTHERWISE SHOWN.

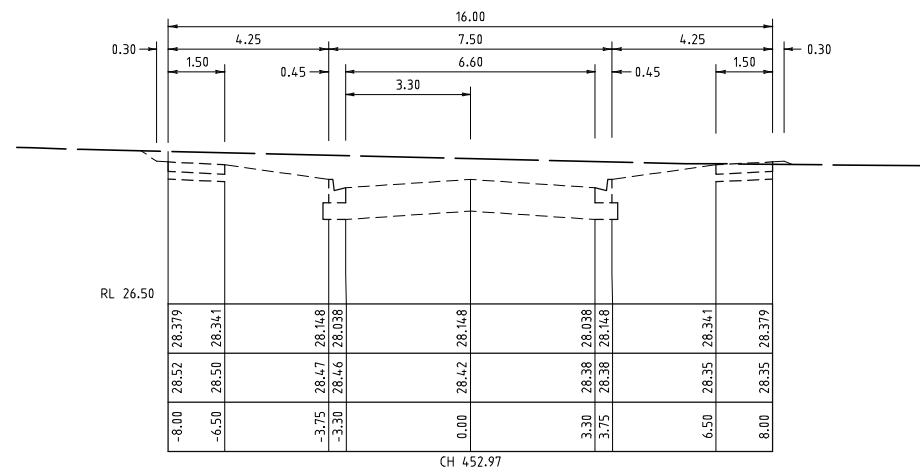
- PAVEMENT TO CONSIST OF:
- a) 30mm COMPACTED DEPTH 10mm TYPE N CLASS 170 ASPHALT
 - b) PRIME AS SPECIFIED
 - c) 150mm COMPACTED DEPTH 20mm CLASS 2 FCR
 - d) 240mm COMPACTED DEPTH 20mm CLASS 3 FCR (2 LAYERS)
- SUBGRADE IMPROVEMENT (IF REQUIRED)
- e) 200mm DEPTH 3% LIME & 3% CEMENT STABILIZED SUBGRADE EXTENDING 150mm BEHIND KERB, OR
 - f) 150mm COMPACTED DEPTH OF APPROVED NDCR OR 40mm CLASS 4 FCR

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

**Endorsed Plan
Planning Permit No: PP-1263-2011
Condition No: 9
Sheet 7 of 23
Approved By BR
Approved Date 2/06/2021**

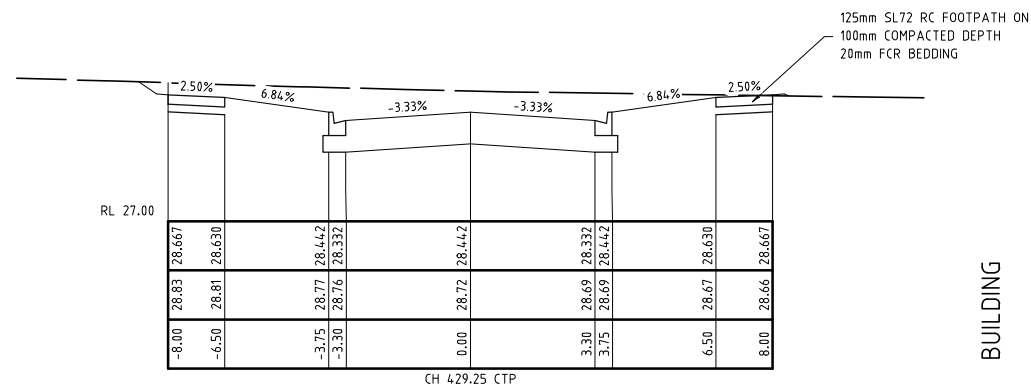
NOTE: THIS IS NOT A BUILDING APPROVAL

LINE



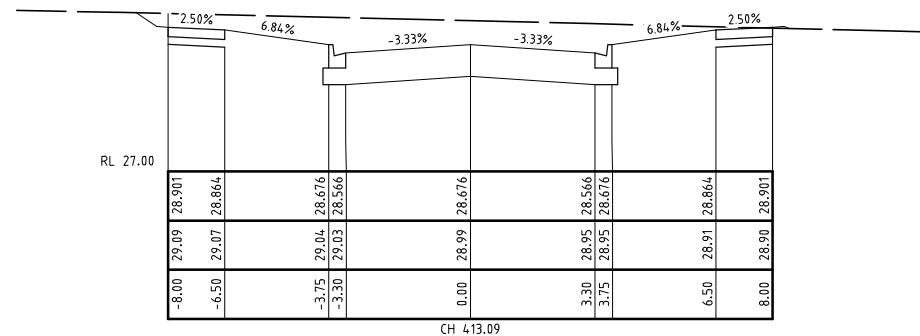
LINE

BUILDING

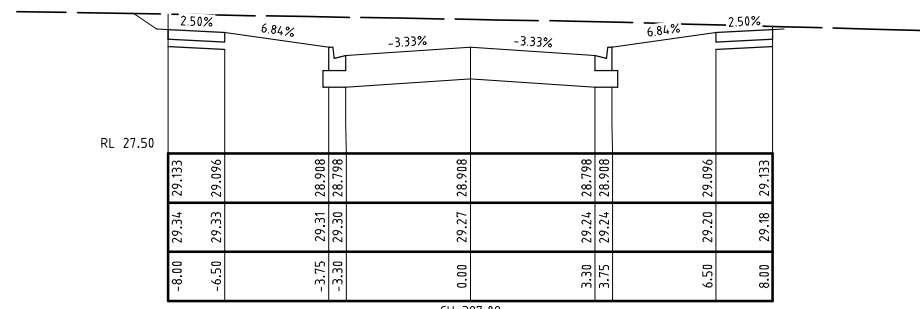


BUILDING

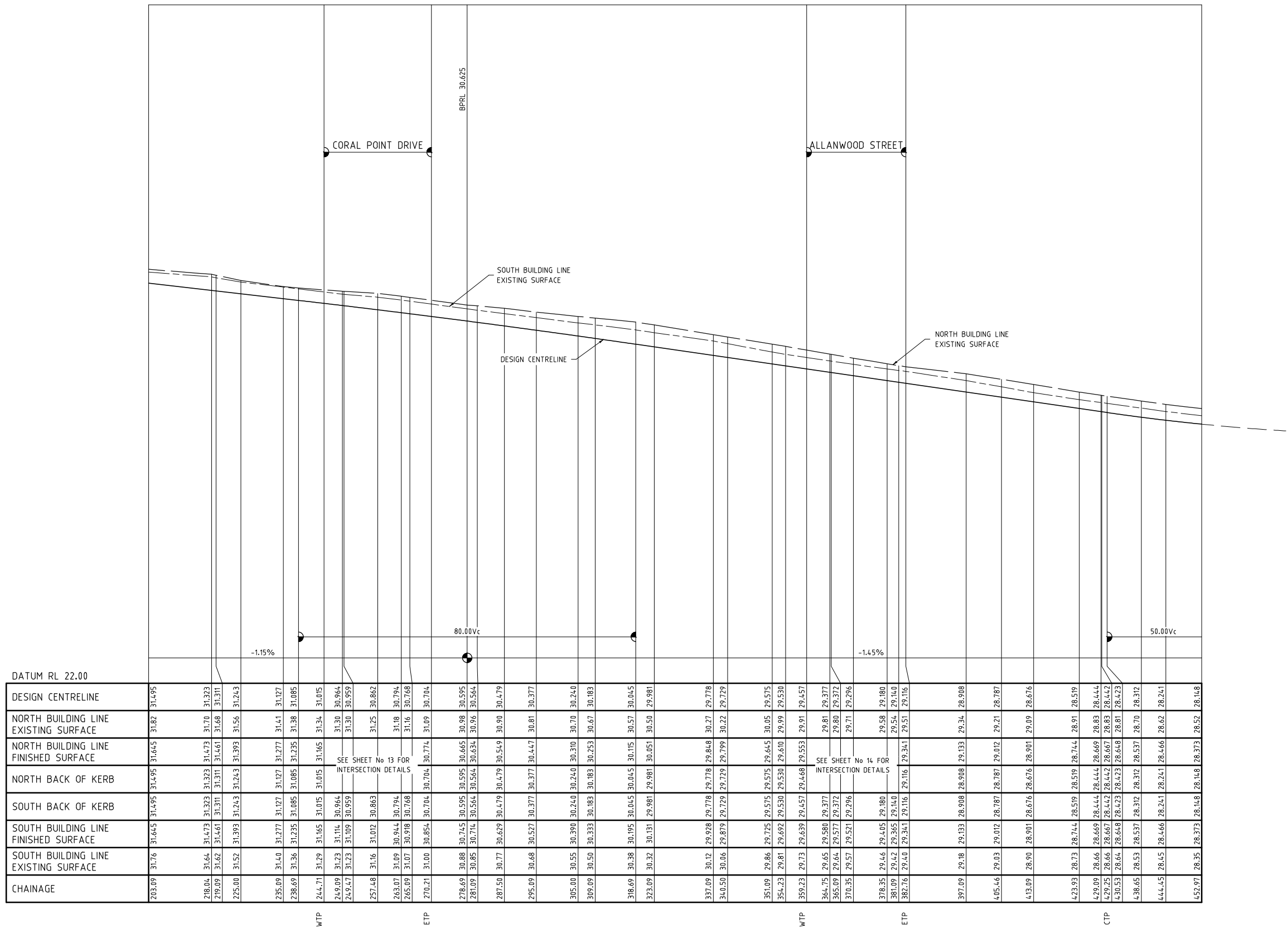
NORTH



SOUTH



AMENDMENTS		MELWAY REF.		Peter Berry & Associates Pty. Ltd. Civil Engineers		153 Yarra Street Geelong Victoria 3220 Telephone: 5223 2799	
21.05.21	VERSION B			KINGSTON COAST ESTATE STAGE 4		MUNICIPALITY GREATER GEELONG	
26.02.21	VERSION A (PRELIMINARY)					REFERENCE 1503 E/4	
DATE	DESCRIPTION	DESIGNED	P.J.B	SCALE AS SHOWN		DATUM	AHD
A1	1:100 2 1 0 2 4 6 METRES 1:50 1 0.5 0 1 2 3	DRAWN	C.S.	DATE	FEB '21	SHEET	8 OF 23
		CHECKED					



CHAINAGE	203.09	218.04	219.09	225.00	235.09	238.69	244.71	249.09	249.47	257.48	263.07	265.09	270.21	278.69	281.09	287.50	295.09	305.00	308.09	316.69	323.09	337.09	340.50	351.09	354.23	359.23	364.75	365.09	370.35	376.35	381.09	382.76	397.09	405.46	413.09	423.93	429.09	430.53	438.65	444.45	452.97	
DESIGN CENTRELINE	31.495	31.323	31.311	31.243	31.127	31.085	31.015	30.964	30.959	30.862	30.794	30.768	30.704	30.595	30.564	30.479	30.377	30.240	30.183	30.045	29.981	29.778	29.729	29.575	29.530	29.457	29.377	29.372	29.296	29.180	29.140	29.116	28.908	28.787	28.676	28.519	28.444	28.442	28.423	28.312	28.241	28.148
NORTH BUILDING LINE EXISTING SURFACE	31.82	31.70	31.68	31.56	31.41	31.38	31.34	31.30	31.30	31.25	31.18	31.16	31.09	30.98	30.96	30.90	30.81	30.70	30.67	30.57	30.50	30.27	30.22	30.05	29.99	29.91	29.81	29.80	29.71	29.58	29.54	29.51	29.34	29.21	29.01	28.81	28.669	28.667	28.648	28.537	28.466	28.373
NORTH BUILDING LINE FINISHED SURFACE	31.645	31.473	31.461	31.393	31.277	31.235	31.165	31.116	31.109	31.015	30.944	30.918	30.854	30.745	30.714	30.629	30.527	30.390	30.333	30.195	30.131	29.868	29.819	29.645	29.530	29.457	29.377	29.372	29.296	29.180	29.140	29.116	28.908	28.787	28.676	28.519	28.444	28.442	28.423	28.312	28.241	28.148
NORTH BACK OF KERB	31.495	31.323	31.311	31.243	31.127	31.085	31.015	30.964	30.959	30.862	30.794	30.768	30.704	30.595	30.564	30.479	30.377	30.240	30.183	30.045	29.981	29.778	29.729	29.575	29.530	29.457	29.377	29.372	29.296	29.180	29.140	29.116	28.908	28.787	28.676	28.519	28.444	28.442	28.423	28.312	28.241	28.148
SOUTH BACK OF KERB	31.495	31.323	31.311	31.243	31.127	31.085	31.015	30.964	30.959	30.862	30.794	30.768	30.704	30.595	30.564	30.479	30.377	30.240	30.183	30.045	29.981	29.778	29.729	29.575	29.530	29.457	29.377	29.372	29.296	29.180	29.140	29.116	28.908	28.787	28.676	28.519	28.444	28.442	28.423	28.312	28.241	28.148
SOUTH BUILDING LINE FINISHED SURFACE	31.645	31.473	31.461	31.393	31.277	31.235	31.165	31.116	31.109	31.015	30.944	30.918	30.854	30.745	30.714	30.629	30.527	30.390	30.333	30.195	30.131	29.868	29.819	29.645	29.530	29.457	29.377	29.372	29.296	29.180	29.140	29.116	28.908	28.787	28.676	28.519	28.444	28.442	28.423	28.312	28.241	28.148
SOUTH BUILDING LINE EXISTING SURFACE	31.76	31.64	31.62	31.52	31.40	31.36	31.29	31.23	31.23	31.16	31.09	31.07	31.00	30.88	30.85	30.77	30.68	30.55	30.50	30.38	30.32	30.06	29.928	29.879	29.725	29.692	29.639	29.560	29.442	29.365	29.341	29.133	29.012	28.901	28.744	28.669	28.667	28.648	28.537	28.466	28.373	28.285

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

**Endorsed Plan
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Approved By BR
Approved Date 2/06/2021**

NOTE: THIS IS NOT A BUILDING APPROVAL

SHOREBREAK

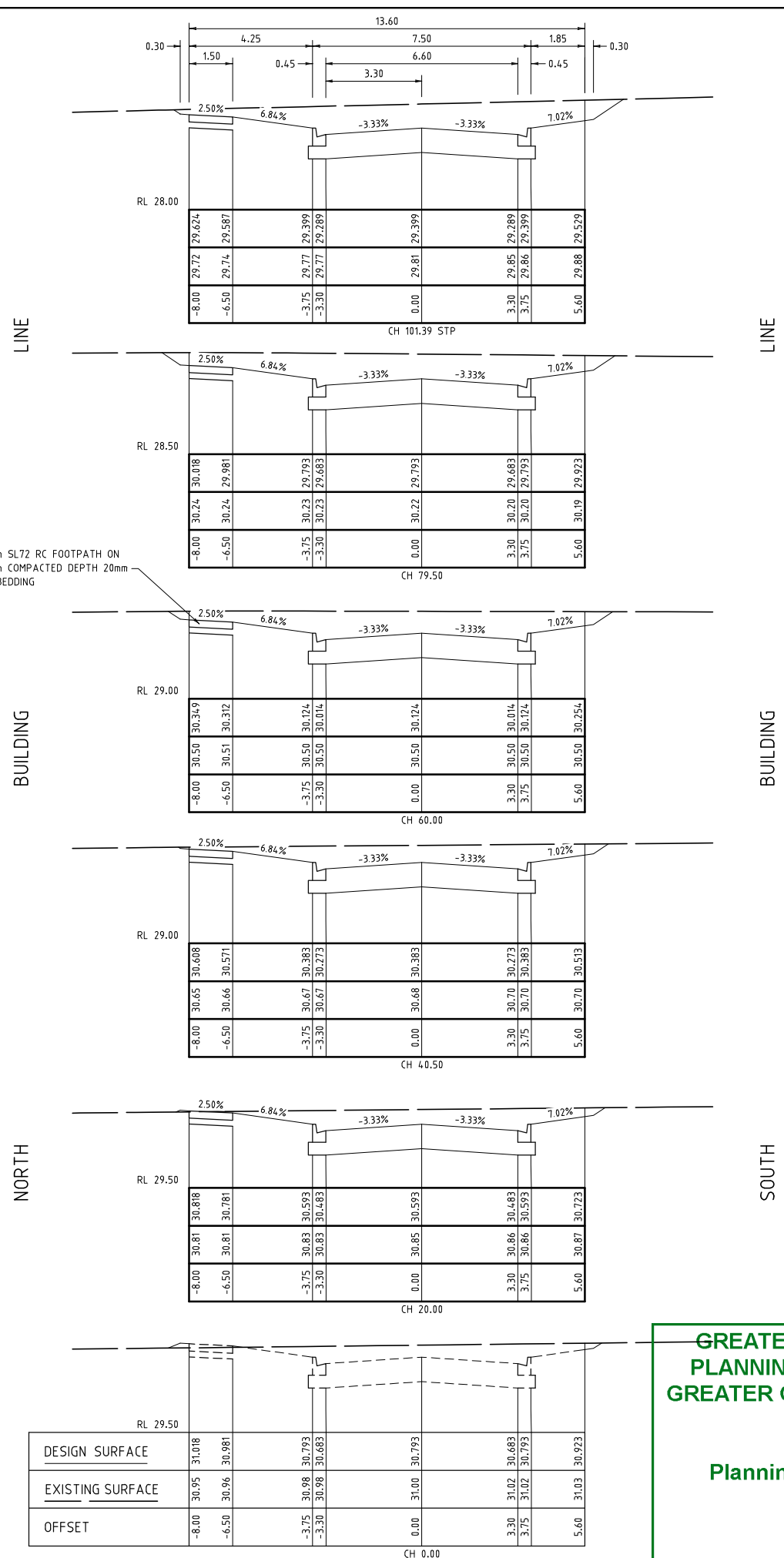
WAY

LONGITUDINAL

SECTION

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

AMENDMENTS 21.05.21 VERSION B 26.02.21 VERSION A (PRELIMINARY)		MELWAY REF. SURVEYED DESIGNED P.J.B DRAWN C.S. CHECKED		Peter Berry & Associates Pty. Ltd. Civil Engineers 153 Yarra Street Geelong Victoria 3220 Telephone: 5223 2799	
DATE 1 : 500 1 : 50		DESCRIPTION 5 0 10 20 30 1 0.5 0 1 2 3 METRES		KINGSTON COAST ESTATE STAGE 4 SCALE AS SHOWN DATUM AHD DATE FEB '21 SHEET 5 OF 23	
A1		REFERENCE 1503 E/4		MUNICIPALITY GREATER GEELONG	

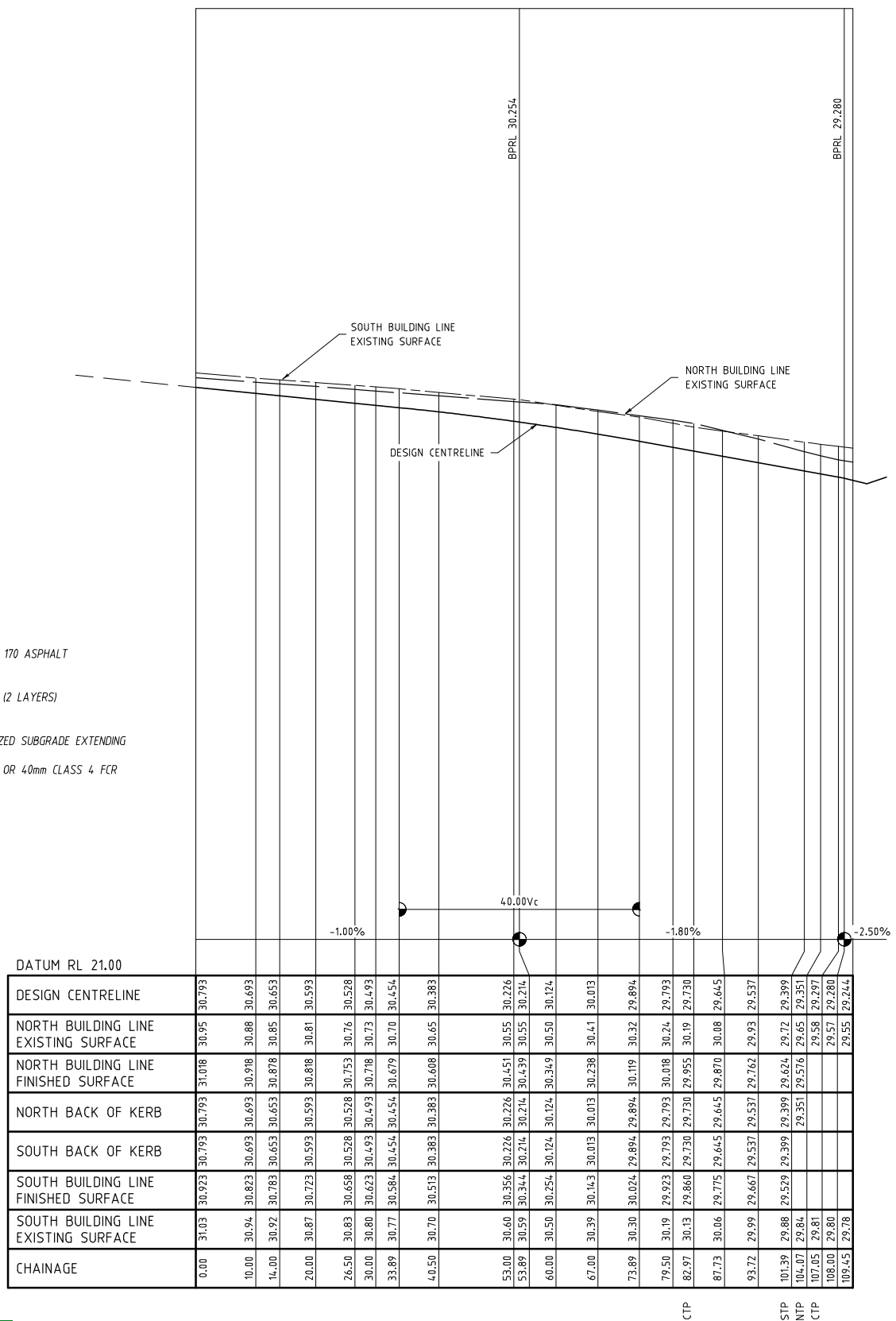


PAVEMENT TO CONSIST OF:

- 30mm COMPACTED DEPTH 10mm TYPE N CLASS 170 ASPHALT PRIME AS SPECIFIED
- 150mm COMPACTED DEPTH 20mm CLASS 2 FCR
- 240mm COMPACTED DEPTH 20mm CLASS 3 FCR (2 LAYERS)

SUBGRADE IMPROVEMENT (IF REQUIRED)

- 200mm DEPTH 3% LIME & 3% CEMENT STABILIZED SUBGRADE EXTENDING 150mm BEHIND KERB, OR
- 150mm COMPACTED DEPTH OF APPROVED NDCR OR 40mm CLASS 4 FCR



CHAINAGE	0.00	10.00	14.00	20.00	26.50	30.00	33.89	40.50	53.00	53.89	60.00	67.00	73.89	79.50	82.97	87.73	93.72	101.39	104.07	107.05	108.00	109.45	
DESIGN CENTRELINE	30.793	30.95	30.693	30.653	30.593	30.528	30.493	30.454	30.383	30.355	30.276	30.214	30.124	30.013	29.894	29.793	29.537	29.272	29.055	28.797	28.528	28.244	27.944
NORTH BUILDING LINE EXISTING SURFACE	30.95	30.88	30.85	30.81	30.76	30.73	30.70	30.65	30.55	30.451	30.349	30.238	30.119	30.008	29.894	29.793	29.537	29.272	29.055	28.797	28.528	28.244	27.944
NORTH BUILDING LINE FINISHED SURFACE	31.018	30.918	30.878	30.818	30.753	30.718	30.679	30.630	30.555	30.451	30.349	30.238	30.119	30.008	29.894	29.793	29.537	29.272	29.055	28.797	28.528	28.244	27.944
NORTH BACK OF KERB	30.793	30.693	30.653	30.618	30.528	30.493	30.454	30.408	30.355	30.276	30.124	30.013	29.894	29.793	29.537	29.272	29.055	28.797	28.528	28.244	27.944	27.644	27.344
SOUTH BACK OF KERB	30.793	30.693	30.653	30.618	30.528	30.493	30.454	30.408	30.355	30.276	30.124	30.013	29.894	29.793	29.537	29.272	29.055	28.797	28.528	28.244	27.944	27.644	27.344
SOUTH BUILDING LINE FINISHED SURFACE	30.923	30.823	30.783	30.723	30.658	30.623	30.584	30.513	30.408	30.355	30.276	30.124	30.013	29.894	29.793	29.537	29.272	29.055	28.797	28.528	28.244	27.944	27.644
SOUTH BUILDING LINE EXISTING SURFACE	31.03	30.94	30.92	30.87	30.83	30.80	30.77	30.70	30.60	30.59	30.50	30.39	30.30	30.19	30.13	30.06	29.99	29.88	29.84	29.81	29.80	29.78	29.78
CHAINAGE	0.00	10.00	14.00	20.00	26.50	30.00	33.89	40.50	53.00	53.89	60.00	67.00	73.89	79.50	82.97	87.73	93.72	101.39	104.07	107.05	108.00	109.45	

NOTE: SEE SHEET No 14 FOR INTERSECTION / KERB RETURN DETAILS

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

**Endorsed Plan
Planning Permit No: PP-1263-2011
Condition No: 9
Sheet 9 of 23
Approved By BR
Approved Date 2/06/2021**

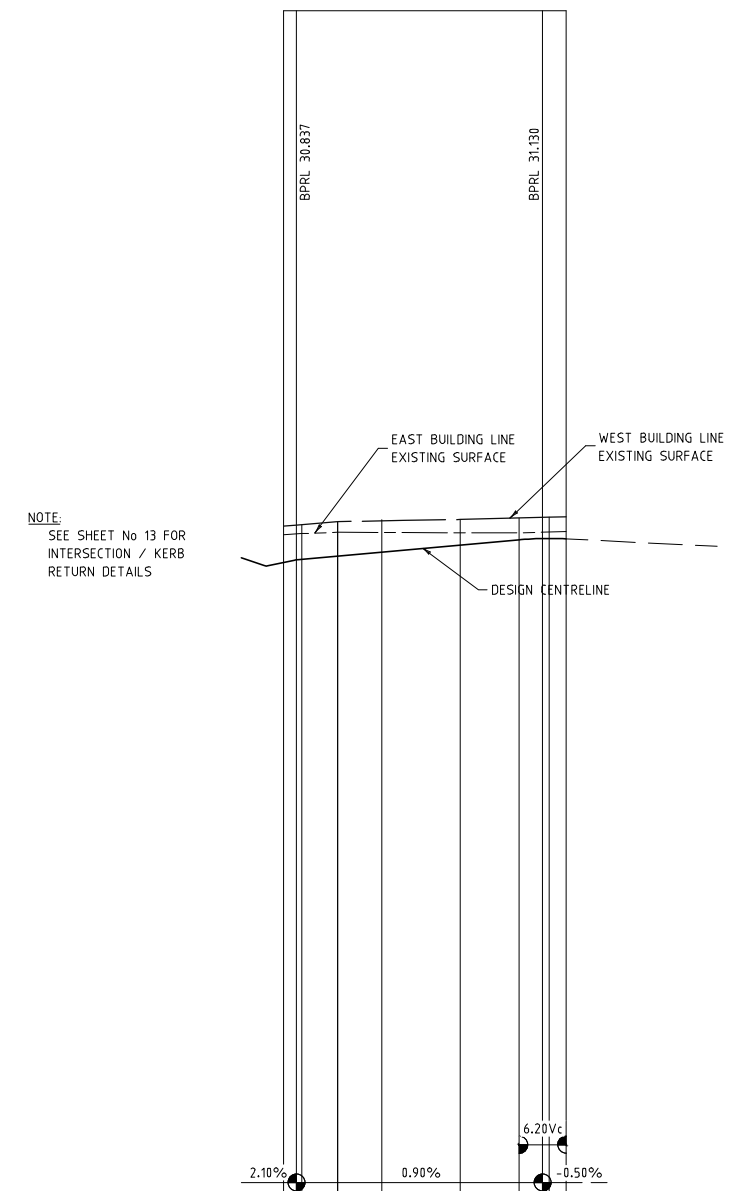
NOTE: THIS IS NOT A BUILDING APPROVAL

NOTE: BATTER SLOPES ON LOTS SHALL BE A MAXIMUM OF 1 IN 5 FOR FILL AND 1 IN 3 FOR CUT UNLESS OTHERWISE SHOWN.

ALLANWOOD STREET CROSS SECTIONS
SCALES - HORIZ. 1 : 100
VERT. 1 : 50

ALLANWOOD STREET LONGITUDINAL SECTION
SCALES - HORIZ. 1 : 500
VERT. 1 : 50

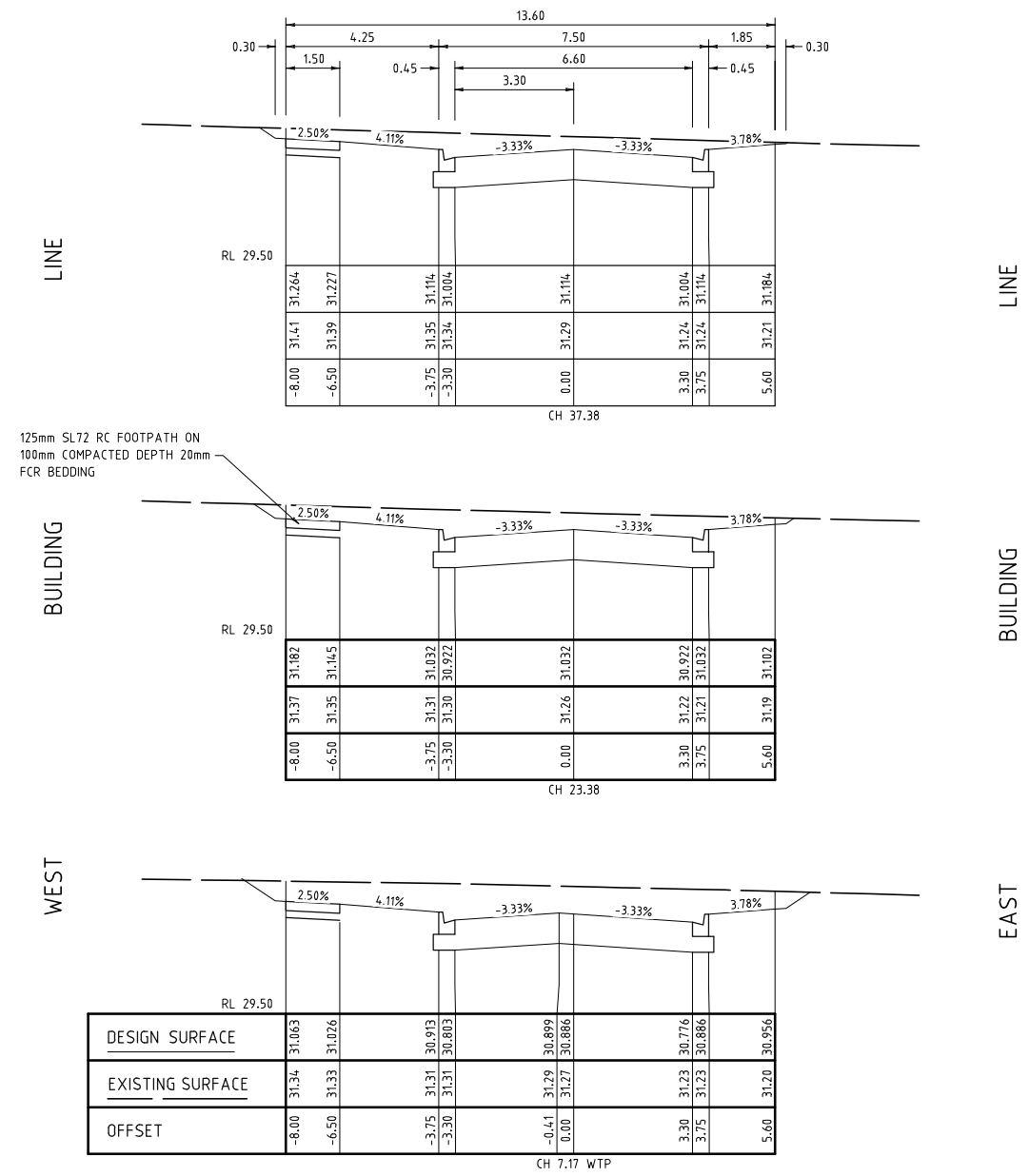
AMENDMENTS 21.05.21 VERSION B 26.02.21 VERSION A (PRELIMINARY)		Peter Berry & Associates Pty. Ltd. Civil Engineers 153 Yarra Street Geelong Victoria 3220 Telephone: 5223 2799	
DATE 1 : 500 10 5 0 10 20 30 1 : 100 2 1 0 2 4 6 1 : 50 1 0.5 0 1 2 3 METRES		MELWAY REF. SURVEYED DESIGNED P.J.B DRAWN C.S. CHECKED	
KINGSTON COAST ESTATE STAGE 4		MUNICIPALITY GREATER GEELONG REFERENCE 1503 E/4 SHEET 9 OF 23	
SCALE AS SHOWN		DATUM AHD DATE FEB '21	



	0+00	1+71	2+42	3+13	3+84	4+55	5+26	5+97	6+68	7+39	8+10	8+81	9+52	10+23	10+94	11+65	12+36
DATUM RL 22.00																	
DESIGN CENTRELINE	30.801	30.837	30.873	30.909	30.945	30.981	31.017	31.053	31.089	31.125	31.161	31.197	31.233	31.269	31.305	31.341	31.377
WEST BUILDING LINE EXISTING SURFACE	31.28	31.29	31.30	31.31	31.32	31.33	31.34	31.35	31.36	31.37	31.38	31.39	31.40	31.41	31.42	31.43	31.44
WEST BUILDING LINE FINISHED SURFACE																	
WEST BACK OF KERB																	
EAST BACK OF KERB																	
EAST BUILDING LINE FINISHED SURFACE																	
EAST BUILDING LINE EXISTING SURFACE	31.17	31.18	31.19	31.20	31.21	31.22	31.23	31.24	31.25	31.26	31.27	31.28	31.29	31.30	31.31	31.32	31.33
CHAINAGE	0.00	1.71	3.42	5.13	6.84	8.55	10.26	11.97	13.68	15.39	17.10	18.81	20.52	22.23	23.94	25.65	27.36

CORAL POINT DRIVE LONGITUDINAL SECTION
 SCALES - HORIZ. 1 : 500
 VERT. 1 : 50

- PAVEMENT TO CONSIST OF:
- 30mm COMPACTED DEPTH 10mm TYPE N CLASS 170 ASPHALT
 - PRIME AS SPECIFIED
 - 150mm COMPACTED DEPTH 20mm CLASS 2 FCR
 - 240mm COMPACTED DEPTH 20mm CLASS 3 FCR (2 LAYERS)
- SUBGRADE IMPROVEMENT (IF REQUIRED)
- 200mm DEPTH 3% LIME & 3% CEMENT STABILIZED SUBGRADE EXTENDING 150mm BEHIND KERB, OR
 - 150mm COMPACTED DEPTH OF APPROVED NDCR OR 40mm CLASS 4 FCR



CORAL POINT DRIVE CROSS SECTIONS
 SCALES - HORIZ. 1 : 100
 VERT. 1 : 50

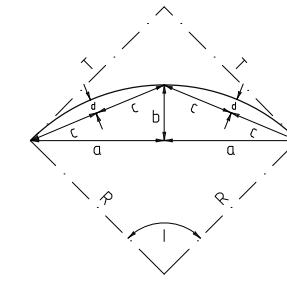
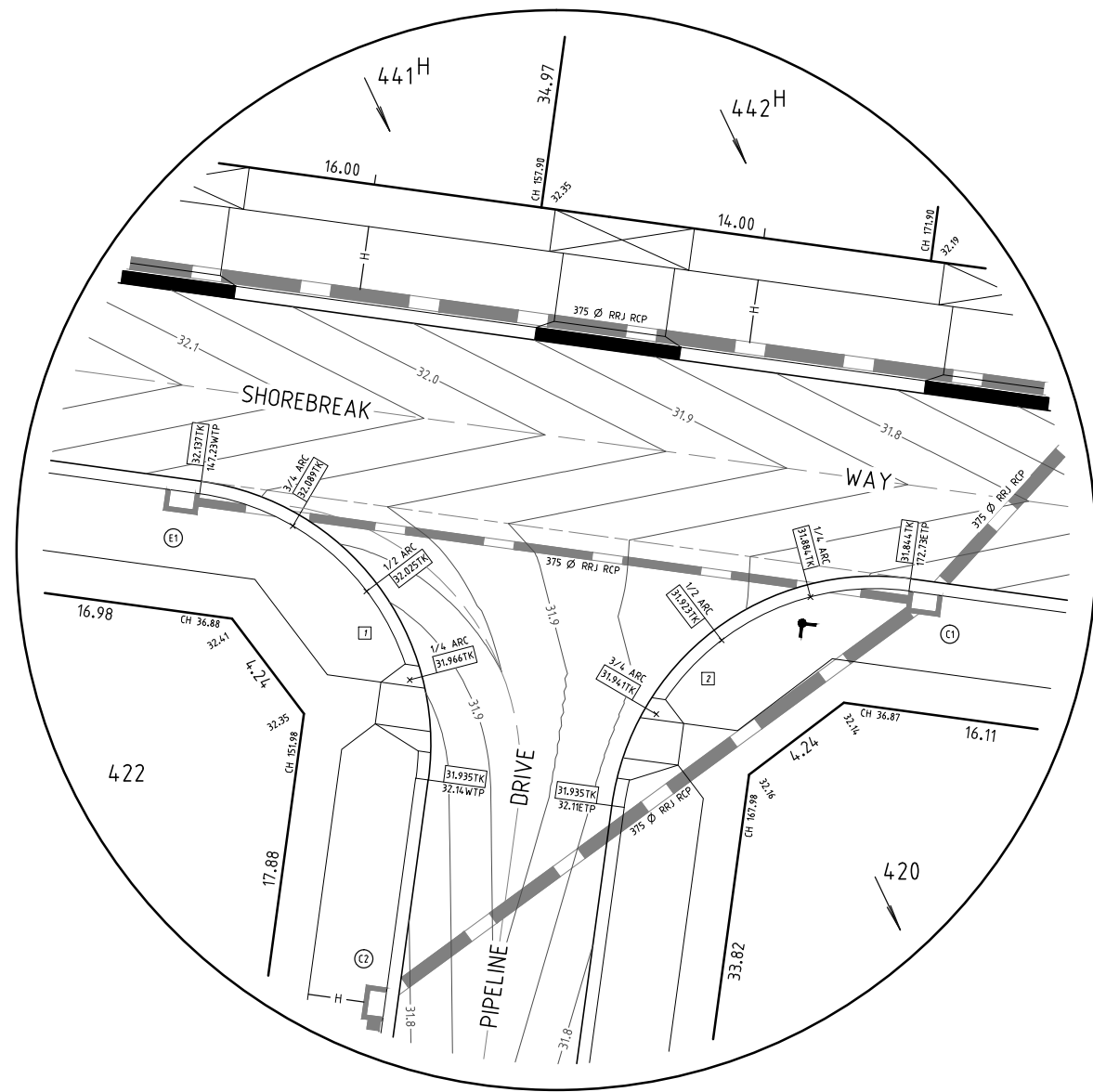
NOTE: BATTER SLOPES ON LOTS SHALL BE A MAXIMUM OF 1 IN 5 FOR FILL AND 1 IN 3 FOR CUT UNLESS OTHERWISE SHOWN.

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

**Endorsed Plan
 Planning Permit No: PP-1263-2011
 Condition No: 9
 Sheet 11 of 23
 Approved By BR
 Approved Date 2/06/2021**

NOTE: THIS IS NOT A BUILDING APPROVAL

AMENDMENTS 21.05.21 VERSION B 26.02.21 VERSION A (PRELIMINARY)		Peter Berry & Associates Pty. Ltd. Civil Engineers 153 Yarra Street Geelong Victoria 3220 Telephone: 5223 2799	
DATE 1 : 500 10 5 0 0 20 30 1 : 100 2 1 0 2 4 6		MELWAY REF. KINGSTON COAST ESTATE STAGE 4	
DESCRIPTION 1 50 1 0.5 0 1 2 3 METRES		DESIGNED P.J.B. DRAWN C.S. CHECKED	
REFERENCE 1503 E/4		MUNICIPALITY GREATER GEELONG	
SCALE AS SHOWN		DATE FEB '21 SHEET 11 OF 23	



CURVE SETOUT DETAIL
(NOT TO SCALE)

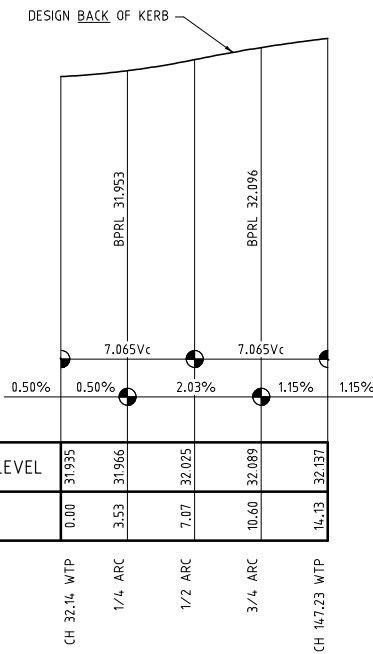
INTERSECTION DETAIL

SCALE (A1) 1 : 125
CONTOUR INTERVAL 0.05 m

CURVE SETOUT TABLE

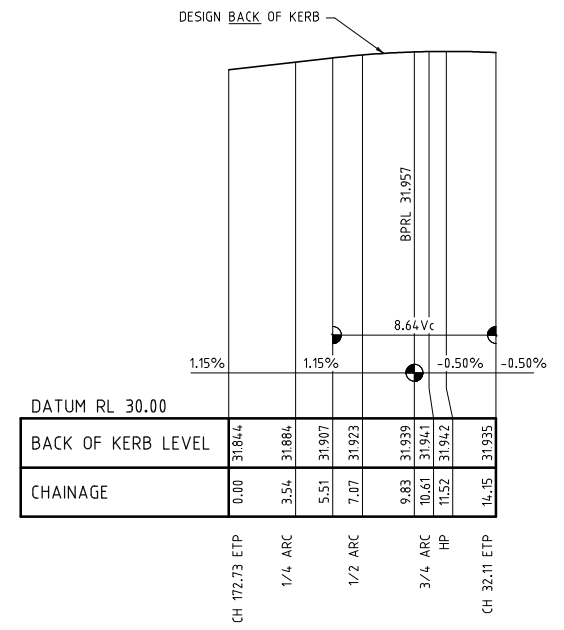
CURVE	RADIUS (m)	I	T	ARC	a	b	c	d
1	9.00	89°56'21"	8.990	14.128	6.361	2.433	3.442	0.684
2	9.00	90°03'39"	9.010	14.147	6.367	2.439	3.446	0.686

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



DATUM RL 30.00	
BACK OF KERB LEVEL	31.935 31.966 32.025 32.089 32.137
CHAINAGE	0.00 3.53 7.07 10.60 14.13

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



DATUM RL 30.00	
BACK OF KERB LEVEL	31.844 31.884 31.907 31.923 31.939 31.941 31.942 31.935
CHAINAGE	0.00 3.54 5.51 7.07 9.83 10.61 11.52 14.15

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

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

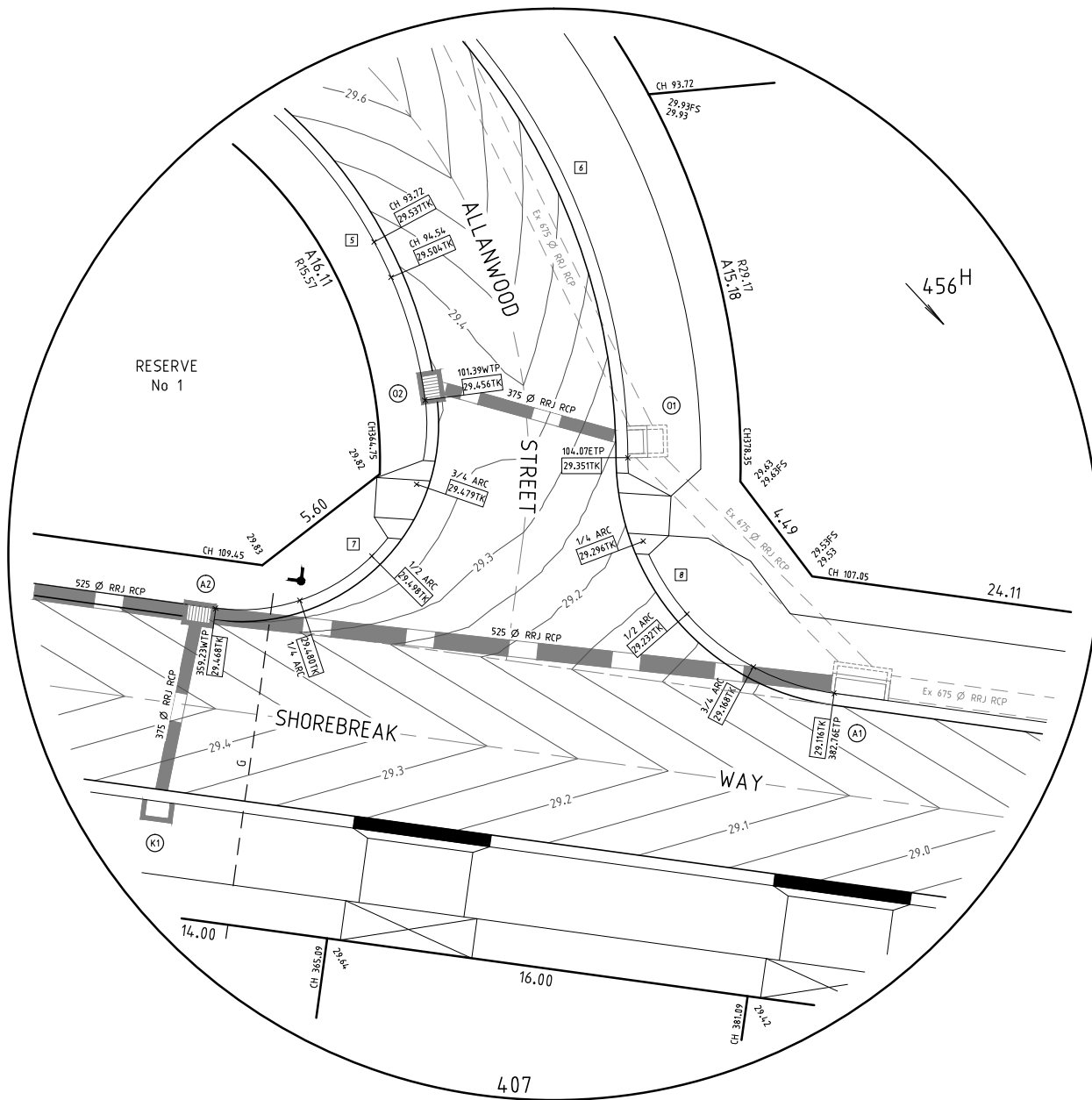
**Endorsed Plan
Planning Permit No: PP-1263-2011
Condition No: 9
Sheet 12 of 23
Approved By BR
Approved Date 2/06/2021**

NOTE: THIS IS NOT A BUILDING APPROVAL

SERVICES LOCATION SCHEDULE

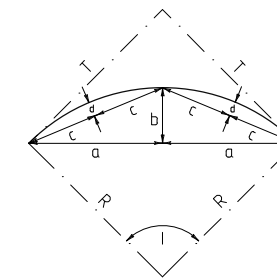
STREET NAME	TELECOM	GAS	WATER	ELECTRICITY	KERB
SHOREBREAK WAY	1.90 S	2.10 N	2.70 N	2.50 S	4.25
PIPELINE DRIVE	1.90 E	2.10 W	2.70 W	2.50 E	4.25

A1 AMENDMENTS 21.05.21 VERSION B 26.02.21 VERSION A (PRELIMINARY) DATE DESCRIPTION 1: 200 4 2 0 4 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 Victoria 3220 Telephone: 5223 2799	
	MELWAY REF. SURVEYED DESIGNED P.J.B. DRAWN C.S. CHECKED	KINGSTON COAST ESTATE STAGE 4	MUNICIPALITY GREATER GEELONG REFERENCE 1503 E/4 SHEET 12 OF 23
	SCALE AS SHOWN DATUM AHD DATE FEB '21		



INTERSECTION DETAIL

SCALE (A1) 1 : 125
CONTOUR INTERVAL 0.05 m

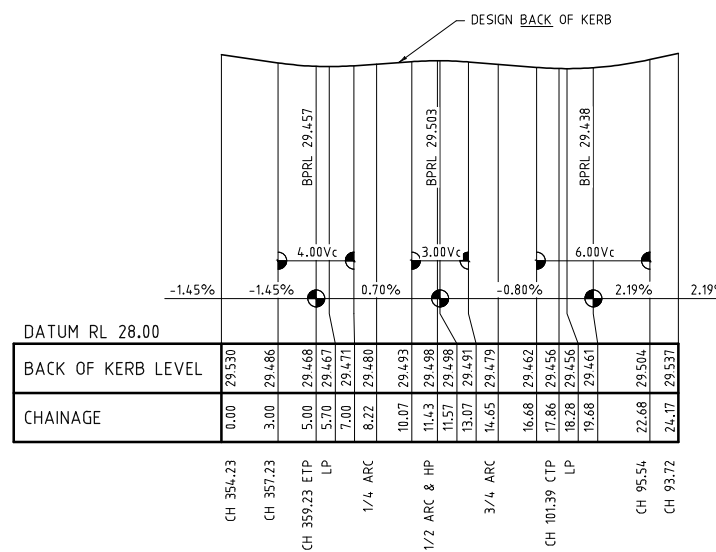


CURVE SETOUT DETAIL
(NOT TO SCALE)

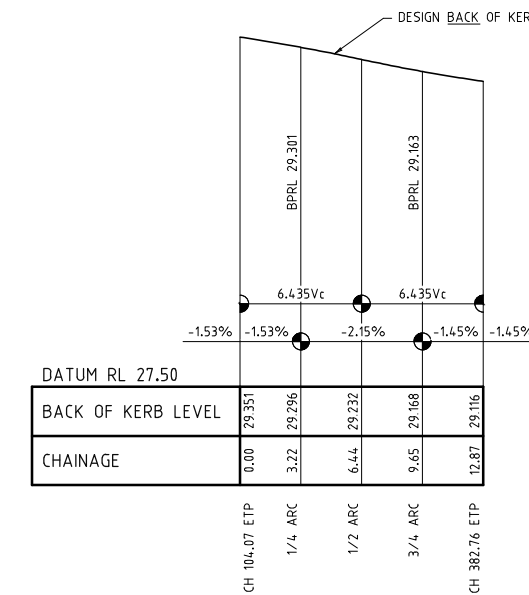
CURVE SETOUT TABLE

CURVE	RADIUS (m)	I	T	ARC	a	b	c	d
5	17.42	49°51'56"	8.099	15.162	7.344	1.624	3.761	0.411
6	24.92	57°06'56"	13.564	24.843	11.913	3.032	6.147	0.770
7	7.00	105°18'02"	9.172	12.865	5.565	2.753	3.104	0.726
8	9.00	81°56'59"	7.817	12.873	5.902	2.295	3.150	0.569

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**

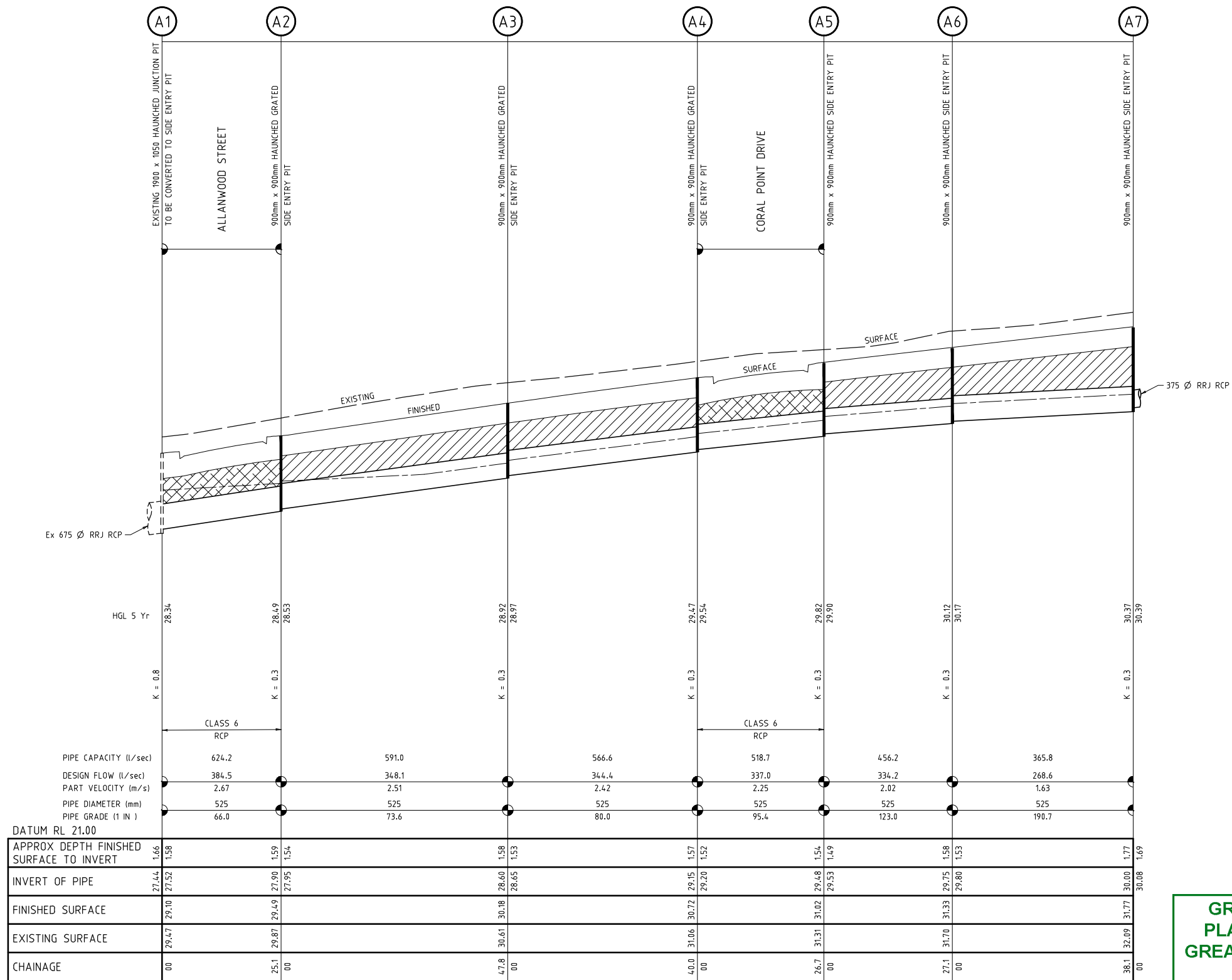
**Endorsed Plan
Planning Permit No: PP-1263-2011
Condition No: 9
Sheet 14 of 23
Approved By BR
Approved Date 2/06/2021**

NOTE: THIS IS NOT A BUILDING APPROVAL

SERVICES LOCATION SCHEDULE

STREET NAME	TELECOM	GAS	WATER	ELECTRICITY	KERB
SHOREBREAK WAY (16m ROAD RES)	1.90 S	2.10 N	2.70 N	2.50 S	4.25
SHOREBREAK WAY (13.60m ROAD RES)	1.90 S	0.60 N	1.20 N	2.50 S	1.85N/4.25S
ALLANWOOD STREET	0.90 S	2.10 N	2.70 N	1.20 S	4.25N/1.85S
CORAL POINT DRIVE	0.90 E	2.10 W	2.70 W	1.20 E	4.25W/1.85E

AMENDMENTS 21.05.21 VERSION B 26.02.21 VERSION A (PRELIMINARY)		Peter Berry & Associates Pty. Ltd. Civil Engineers		153 Yarra Street Geelong Victoria 3220 Telephone: 5223 2799
		MELWAY REF. SURVEYED DESIGNED P.J.B. DRAWN C.S. CHECKED	KINGSTON COAST ESTATE STAGE 4	
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		SCALE AS SHOWN	DATUM AHD	DATE FEB '21



DRAINAGE

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
Condition No: 9
Sheet 15 of 23
Approved By BR
Approved Date 2/06/2021**

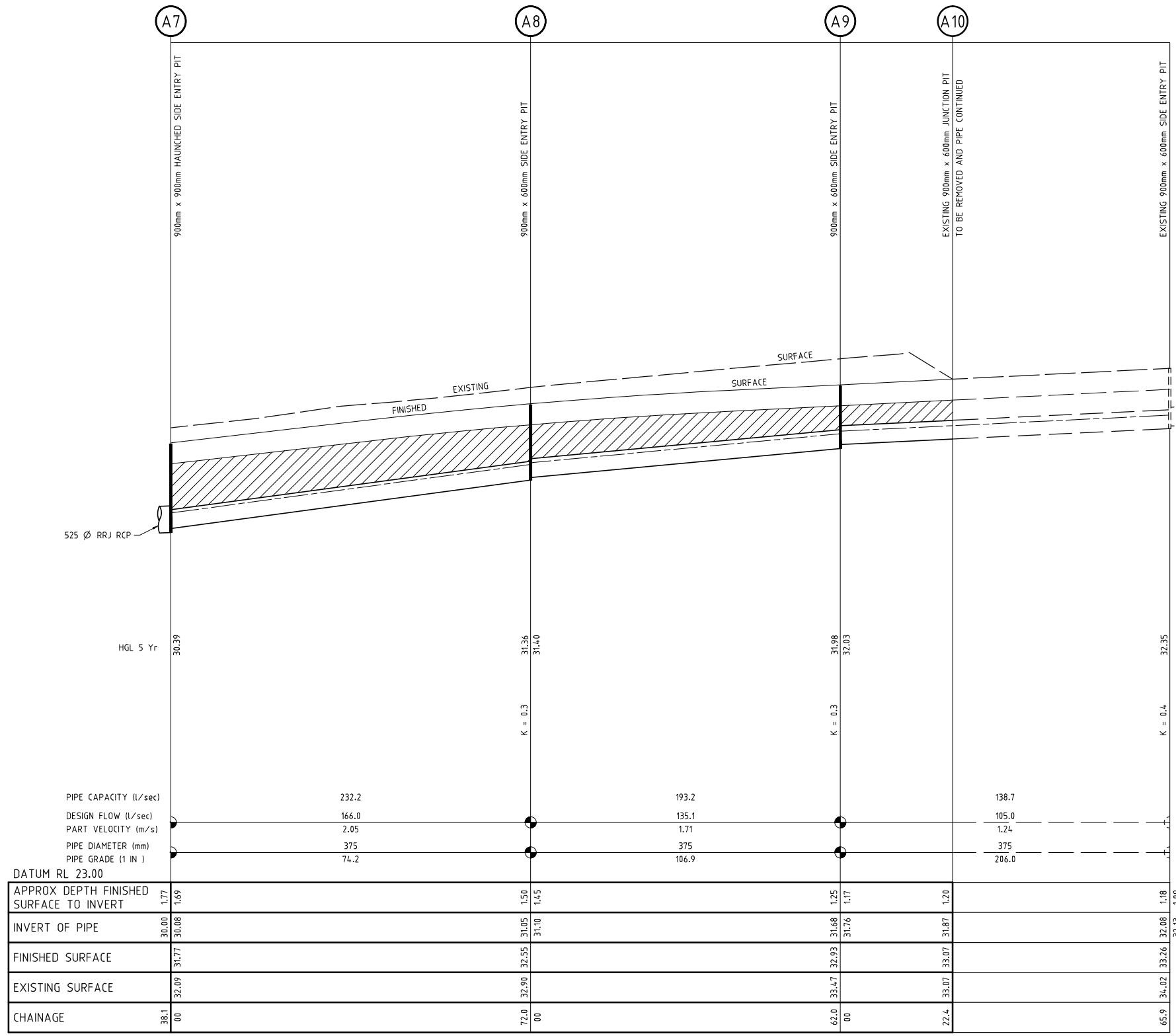
NOTE: THIS IS NOT A BUILDING APPROVAL

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

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.

AMENDMENTS		Peter Berry & Associates Pty. Ltd. Civil Engineers		153 Yarra Street Geelong Victoria 3220 Telephone: 5223 2799	
21.05.21	VERSION B	MELWAY REF.	KINGSTON COAST ESTATE STAGE 4		
26.02.21	VERSION A (PRELIMINARY)	SURVEYED			
DATE	DESCRIPTION	DESIGNED P.J.B			
1 : 500	0 5 10 20 30 METRES	DRAWN C.S.	SCALE AS SHOWN	DATUM AHD	DATE FEB '21
1 : 50	0 0.5 1 2 3	CHECKED	MUNICIPALITY	GREATER GEELONG	
			REFERENCE	1503 E/4	
			SHEET	15 OF 23	



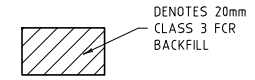
DRAINAGE LONGITUDINAL SECTION
 SCALES - HORIZ. 1 : 500
 VERT. 1 : 50

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

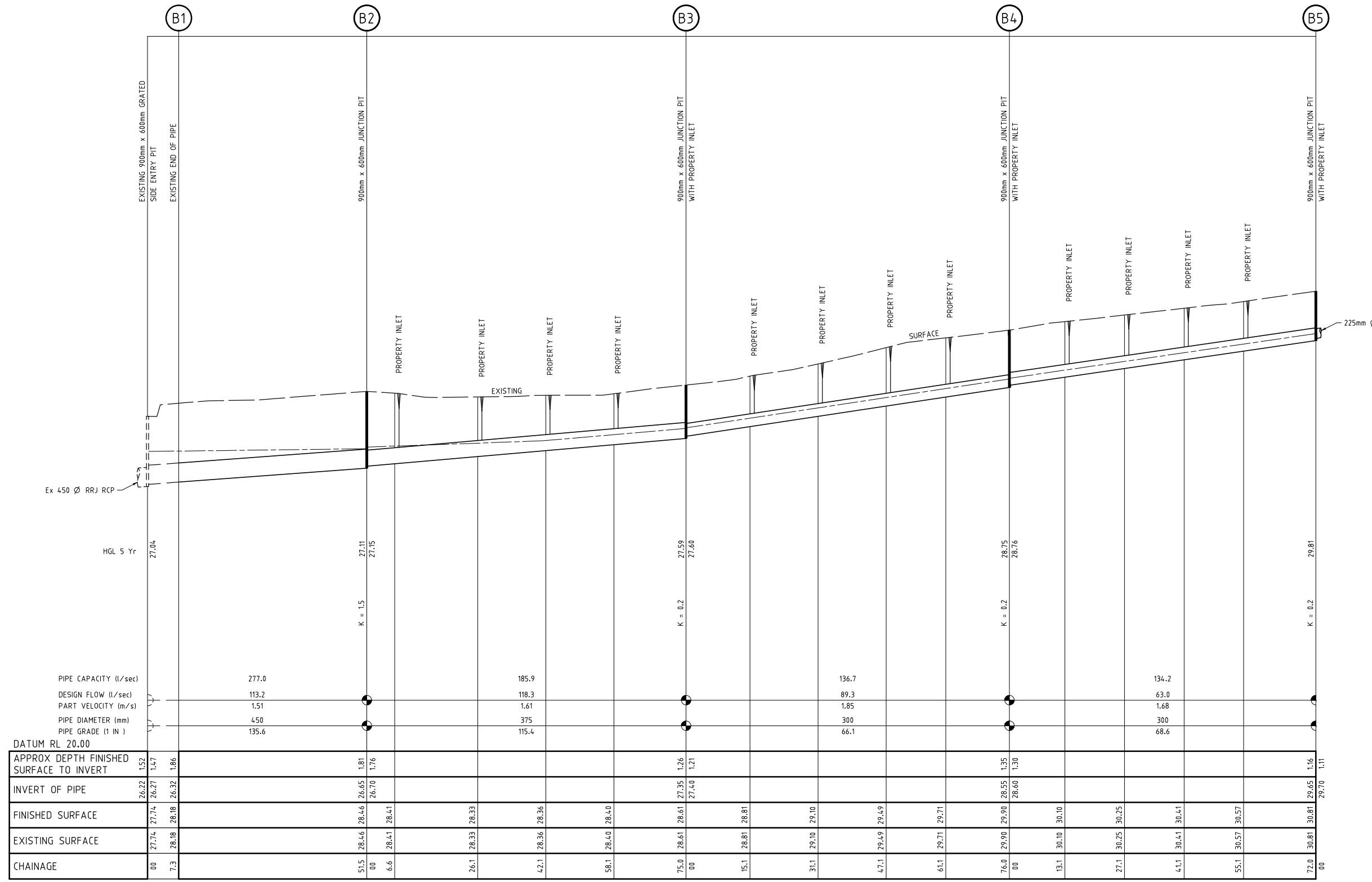
**Endorsed Plan
 Planning Permit No: PP-1263-2011
 Condition No: 9
 Sheet 16 of 23
 Approved By BR
 Approved Date 2/06/2021**

NOTE: THIS IS NOT A BUILDING APPROVAL

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



AMENDMENTS 21.05.21 VERSION B 26.02.21 VERSION A (PRELIMINARY)		Peter Berry & Associates Pty. Ltd. Civil Engineers 153 Yarra Street Geelong Victoria 3220 Telephone: 5223 2799	
DATE 1 : 500 1 : 50		DESCRIPTION METRES 0 5 10 20 30	
MELWAY REF. SURVEYED DESIGNED P.J.B. DRAWN C.S. CHECKED		KINGSTON COAST ESTATE STAGE 4 SCALE AS SHOWN DATUM AHD DATE FEB '21 SHEET 16 OF 23	
A1		MUNICIPALITY GREATER GEELONG REFERENCE 1503 E/4	



DRAINAGE LONGITUDINAL SECTION

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

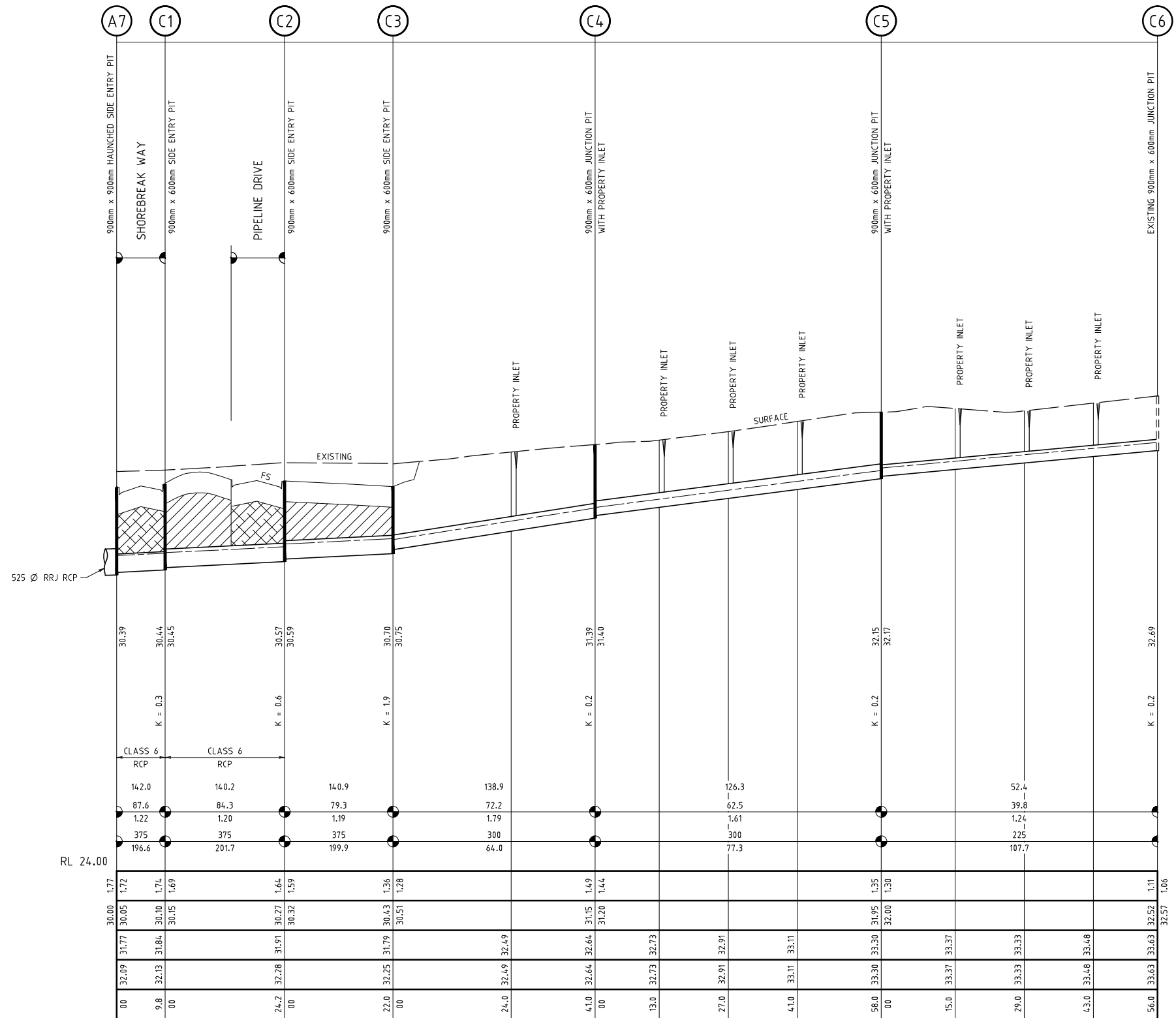
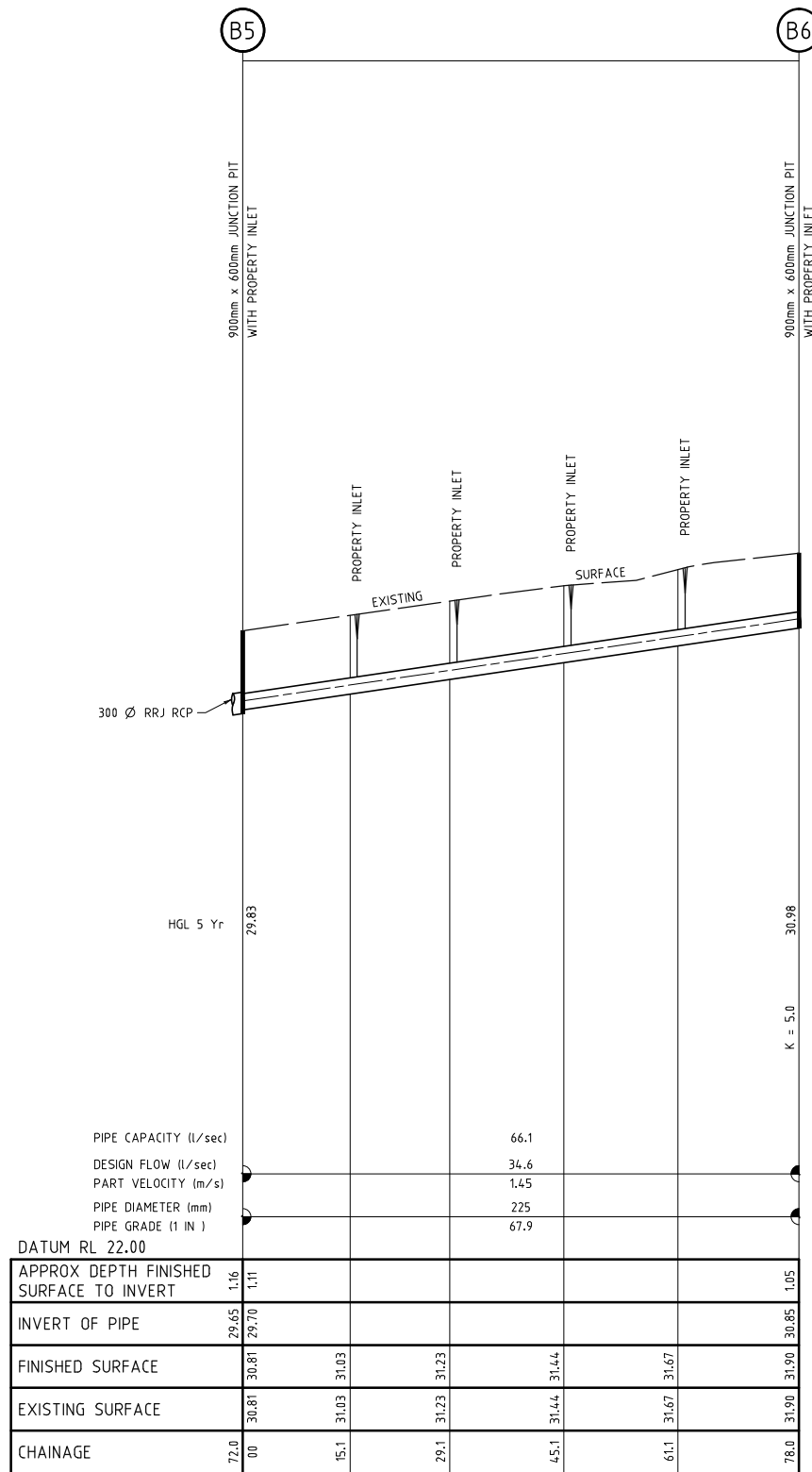
**GREATER GEELONG CITY COUNCIL
PLANNING ENVIRONMENT ACT 1987
GREATER GEELONG PLANNING SCHEME**

**Endorsed Plan
Planning Permit No: PP-1263-2011
Condition No: 9
Sheet 17 of 23
Approved By BR
Approved Date 2/06/2021**

NOTE: THIS IS NOT A BUILDING APPROVAL

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

AMENDMENTS 21.05.21 VERSION B 26.02.21 VERSION A (PRELIMINARY)		Peter Berry & Associates Pty. Ltd. Civil Engineers 153 Yarra Street Geelong Victoria 3220 Telephone: 5223 2799	
DATE 1 : 500 10 5 0 10 20 30 1 : 50 1 0.5 0 1 2 3 METRES		MELWAY REF. SURVEYED DESIGNED P.J.B DRAWN C.S. CHECKED	
DESCRIPTION		KINGSTON COAST ESTATE STAGE 4	
SCALE AS SHOWN		DATUM AHD	
DATE FEB '21		REFERENCE 1503 E/4 SHEET 17 OF 23	

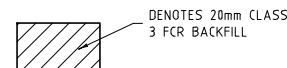


DRAINAGE

LONGITUDINAL

SECTIONS

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

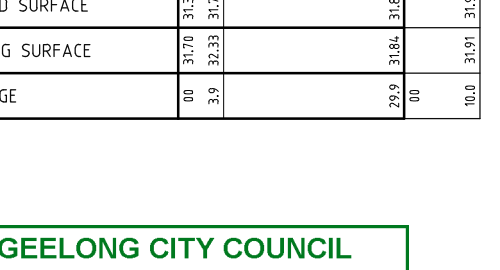
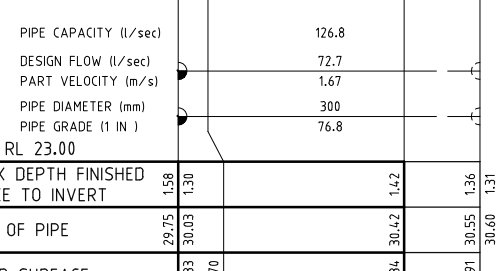
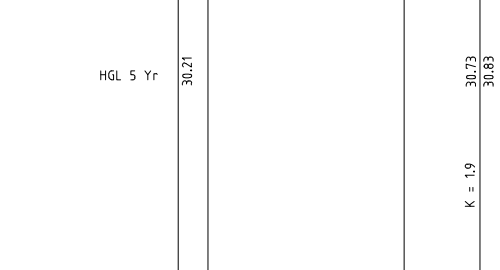
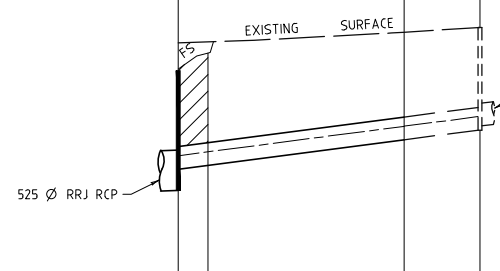
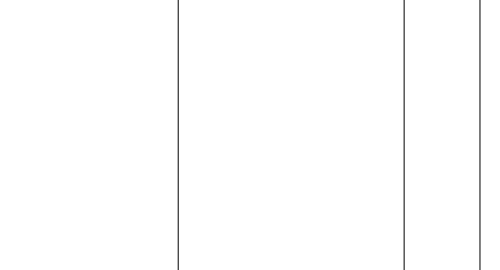
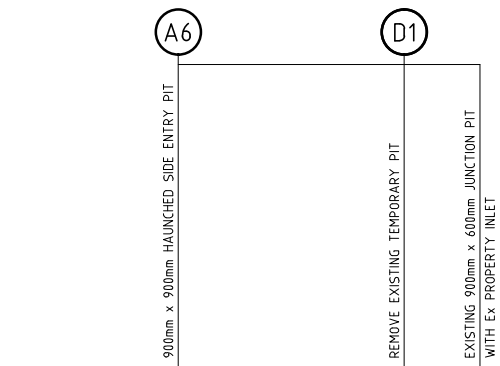
ALL SUMPS IN PRECAST PITS ARE TO BE INFILLED WITH CONCRETE FLUSH TO THE INVERT LEVEL OF THE OUTLET PIPE.

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

**Endorsed Plan
Planning Permit No: PP-1263-2011
Condition No: 9
Sheet 18 of 23
Approved By BR
Approved Date 2/06/2021**

NOTE: THIS IS NOT A BUILDING APPROVAL

AMENDMENTS 21.05.21 VERSION B 26.02.21 VERSION A (PRELIMINARY)		Peter Berry & Associates Pty. Ltd. Civil Engineers 153 Yarra Street Geelong Victoria 3220 Telephone: 5223 2799	
DATE 1 : 500 1 : 50	DESCRIPTION 0 5 10 20 30 METRES	MELWAY REF. SURVEYED DESIGNED P.J.B DRAWN C.S. CHECKED	KINGSTON COAST ESTATE STAGE 4 MUNICIPALITY GREATER GEELONG REFERENCE 1503 E/4 SHEET 18 OF 23
SCALE AS SHOWN		DATUM AHD	DATE FEB '21



DATUM RL 23.00	
APPROX DEPTH FINISHED SURFACE TO INVERT	1.58
INVERT OF PIPE	30.03
FINISHED SURFACE	31.70
EXISTING SURFACE	31.70
CHAINAGE	00

HGL 5 Yr	
PIPE CAPACITY (l/sec)	126.8
DESIGN FLOW (l/sec)	72.7
PART VELOCITY (m/s)	1.67
PIPE DIAMETER (mm)	300
PIPE GRADE (1 IN)	76.8

K = 1.9	
APPROX DEPTH FINISHED SURFACE TO INVERT	1.36
INVERT OF PIPE	30.55
FINISHED SURFACE	31.91
EXISTING SURFACE	31.91
CHAINAGE	10.0

RL 23.00	
APPROX DEPTH FINISHED SURFACE TO INVERT	1.74
INVERT OF PIPE	30.15
FINISHED SURFACE	31.84
EXISTING SURFACE	32.13
CHAINAGE	00

K = 5.0	
APPROX DEPTH FINISHED SURFACE TO INVERT	1.21
INVERT OF PIPE	30.93
FINISHED SURFACE	32.14
EXISTING SURFACE	32.46
CHAINAGE	26.7

RL 22.00	
APPROX DEPTH FINISHED SURFACE TO INVERT	1.57
INVERT OF PIPE	29.23
FINISHED SURFACE	30.77
EXISTING SURFACE	31.06
CHAINAGE	00

K = 0.6	
APPROX DEPTH FINISHED SURFACE TO INVERT	1.45
INVERT OF PIPE	29.50
FINISHED SURFACE	30.90
EXISTING SURFACE	31.22
CHAINAGE	13.1

K = 5.0	
APPROX DEPTH FINISHED SURFACE TO INVERT	1.28
INVERT OF PIPE	30.93
FINISHED SURFACE	32.03
EXISTING SURFACE	31.32
CHAINAGE	8.1

RL 24.00	
APPROX DEPTH FINISHED SURFACE TO INVERT	1.25
INVERT OF PIPE	31.73
FINISHED SURFACE	32.98
EXISTING SURFACE	33.47
CHAINAGE	00

K = 5.0	
APPROX DEPTH FINISHED SURFACE TO INVERT	0.96
INVERT OF PIPE	32.02
FINISHED SURFACE	32.98
EXISTING SURFACE	33.51
CHAINAGE	13.0

RL 24.00	
APPROX DEPTH FINISHED SURFACE TO INVERT	1.50
INVERT OF PIPE	31.10
FINISHED SURFACE	32.55
EXISTING SURFACE	32.90
CHAINAGE	00

K = 5.0	
APPROX DEPTH FINISHED SURFACE TO INVERT	1.16
INVERT OF PIPE	31.69
FINISHED SURFACE	32.65
EXISTING SURFACE	32.98
CHAINAGE	14.4

RL 22.00	
APPROX DEPTH FINISHED SURFACE TO INVERT	1.54
INVERT OF PIPE	29.56
FINISHED SURFACE	31.02
EXISTING SURFACE	31.31
CHAINAGE	00

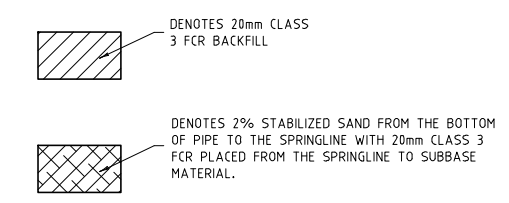
K = 5.0	
APPROX DEPTH FINISHED SURFACE TO INVERT	1.26
INVERT OF PIPE	29.79
FINISHED SURFACE	31.05
EXISTING SURFACE	31.28
CHAINAGE	8.3

DRAINAGE

LONGITUDINAL

SECTIONS

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



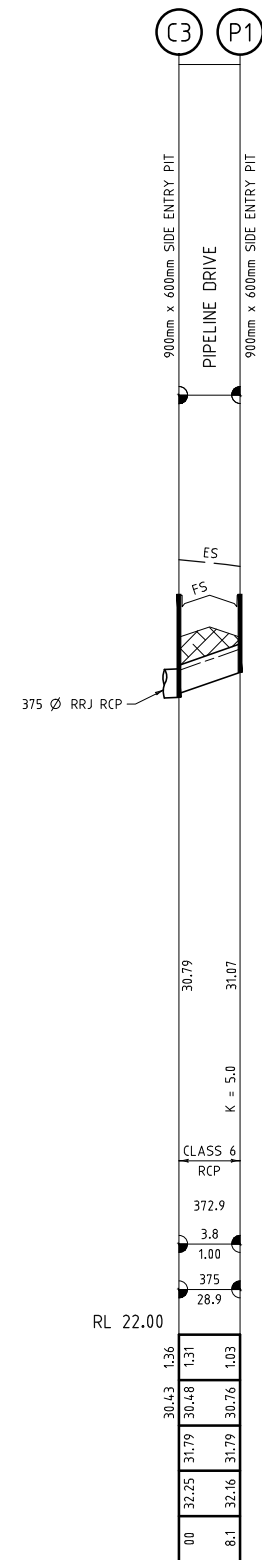
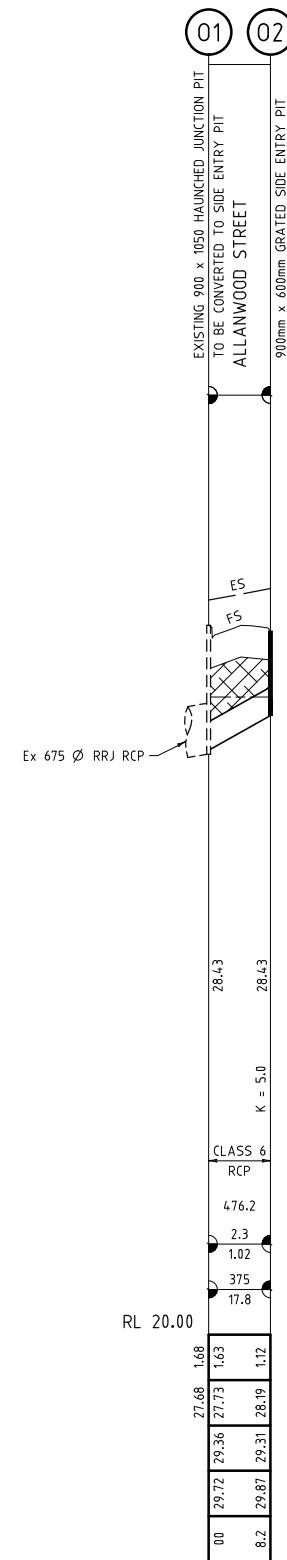
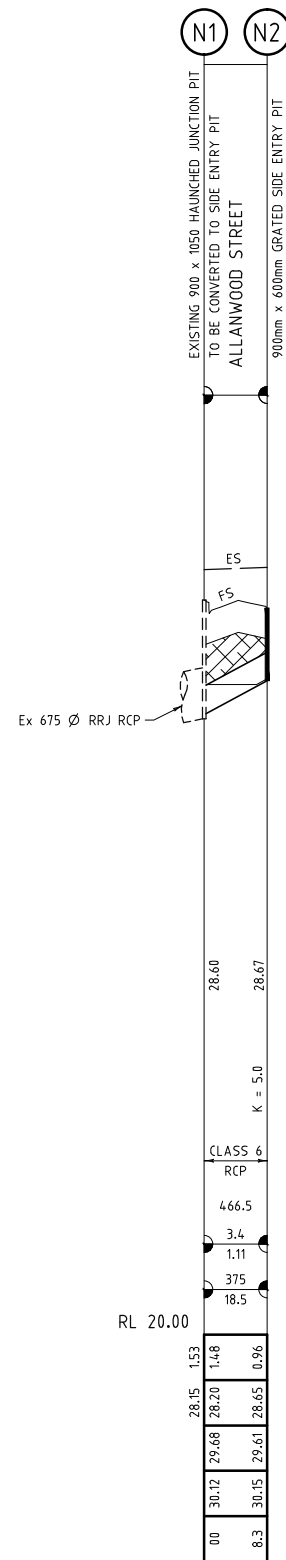
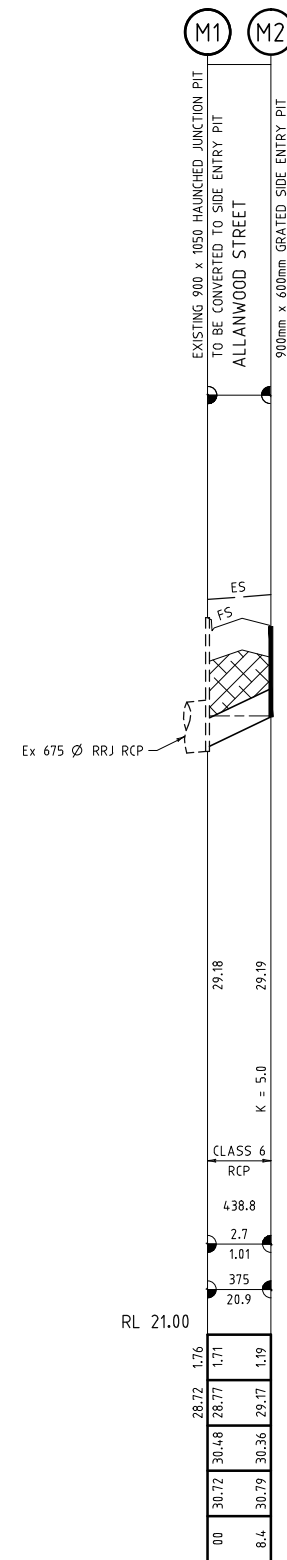
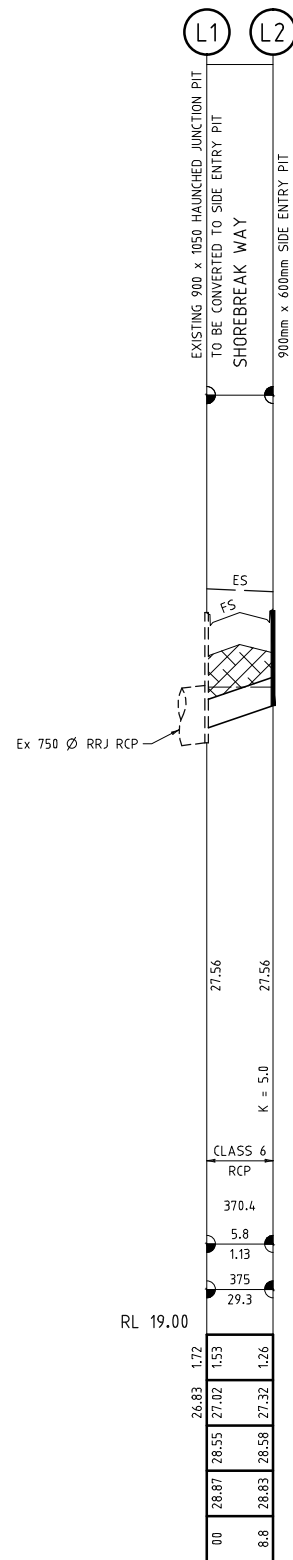
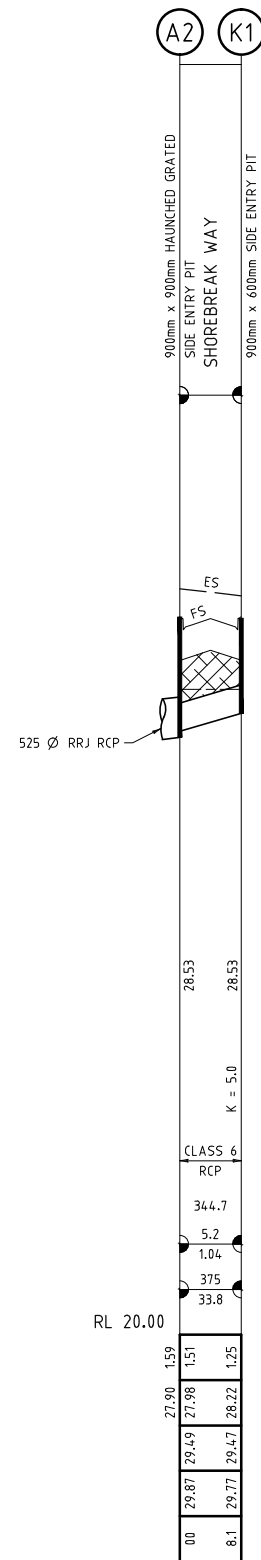
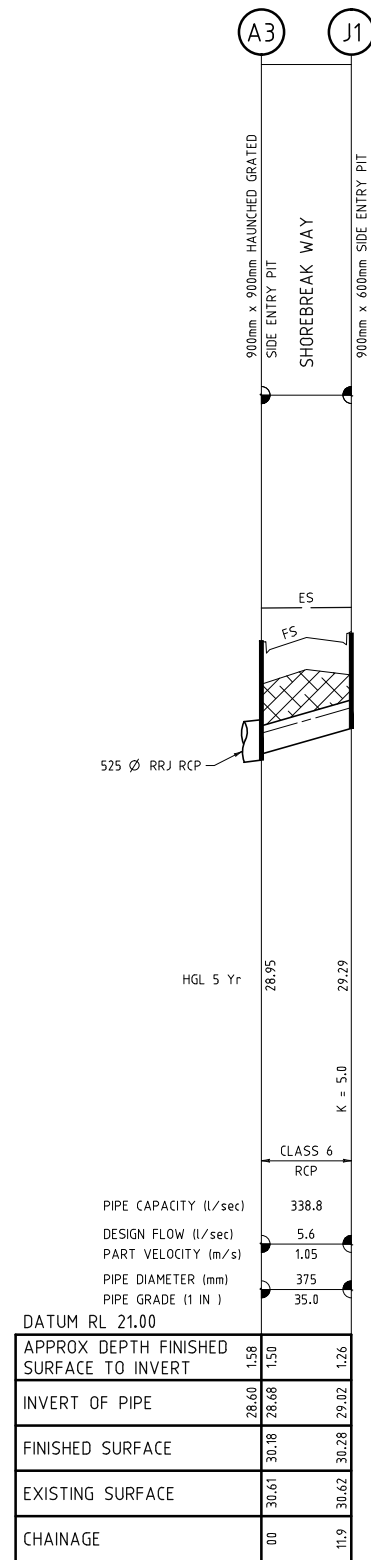
NOTE
ALL SUMPS IN PRECAST PITS ARE TO BE INFILLED WITH CONCRETE FLUSH TO THE INVERT LEVEL OF THE OUTLET PIPE.

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

**Endorsed Plan
Planning Permit No: PP-1263-2011
Condition No: 9
Sheet 19 of 23
Approved By BR
Approved Date 2/06/2021**

NOTE: THIS IS NOT A BUILDING APPROVAL

Peter Berry & Associates Pty. Ltd. Civil Engineers 153 Yarra Street Geelong Victoria 3220 Telephone: 5223 2799		MUNICIPALITY GREATER GEELONG	
AMENDMENTS 21.05.21 VERSION B 26.02.21 VERSION A (PRELIMINARY)		MELWAY REF. SURVEYED DESIGNED P.J.B. DRAWN C.S. CHECKED	
DATE DESCRIPTION		KINGSTON COAST ESTATE STAGE 4	
REFERENCE 1503 E/4		SHEET 19 OF 23	
1 : 500 10 5 0 10 20 30 METRES 1 : 50 1 0.5 0 1 2 3		SCALE AS SHOWN DATUM AHD DATE FEB '21	



PIPE CAPACITY (l/sec)	338.8
DESIGN FLOW (l/sec)	5.6
PART VELOCITY (m/s)	1.05
PIPE DIAMETER (mm)	375
PIPE GRADE (1 IN)	35.0
DATUM RL	21.00
APPROX DEPTH FINISHED SURFACE TO INVERT	1.58
INVERT OF PIPE	28.60
FINISHED SURFACE	30.18
EXISTING SURFACE	30.61
CHAINAGE	00

PIPE CAPACITY (l/sec)	344.7
DESIGN FLOW (l/sec)	5.2
PART VELOCITY (m/s)	1.04
PIPE DIAMETER (mm)	375
PIPE GRADE (1 IN)	33.8
DATUM RL	20.00
APPROX DEPTH FINISHED SURFACE TO INVERT	1.51
INVERT OF PIPE	27.98
FINISHED SURFACE	29.49
EXISTING SURFACE	29.87
CHAINAGE	00

PIPE CAPACITY (l/sec)	370.4
DESIGN FLOW (l/sec)	5.8
PART VELOCITY (m/s)	1.13
PIPE DIAMETER (mm)	375
PIPE GRADE (1 IN)	29.3
DATUM RL	19.00
APPROX DEPTH FINISHED SURFACE TO INVERT	1.53
INVERT OF PIPE	27.02
FINISHED SURFACE	28.87
EXISTING SURFACE	28.87
CHAINAGE	00

PIPE CAPACITY (l/sec)	438.8
DESIGN FLOW (l/sec)	2.7
PART VELOCITY (m/s)	1.01
PIPE DIAMETER (mm)	375
PIPE GRADE (1 IN)	20.9
DATUM RL	21.00
APPROX DEPTH FINISHED SURFACE TO INVERT	1.71
INVERT OF PIPE	28.77
FINISHED SURFACE	30.48
EXISTING SURFACE	30.72
CHAINAGE	00

PIPE CAPACITY (l/sec)	466.5
DESIGN FLOW (l/sec)	3.4
PART VELOCITY (m/s)	1.11
PIPE DIAMETER (mm)	375
PIPE GRADE (1 IN)	18.5
DATUM RL	20.00
APPROX DEPTH FINISHED SURFACE TO INVERT	1.48
INVERT OF PIPE	28.20
FINISHED SURFACE	29.68
EXISTING SURFACE	30.12
CHAINAGE	00

PIPE CAPACITY (l/sec)	476.2
DESIGN FLOW (l/sec)	2.3
PART VELOCITY (m/s)	1.02
PIPE DIAMETER (mm)	375
PIPE GRADE (1 IN)	17.8
DATUM RL	20.00
APPROX DEPTH FINISHED SURFACE TO INVERT	1.63
INVERT OF PIPE	27.73
FINISHED SURFACE	29.36
EXISTING SURFACE	29.72
CHAINAGE	00

PIPE CAPACITY (l/sec)	372.9
DESIGN FLOW (l/sec)	3.8
PART VELOCITY (m/s)	1.00
PIPE DIAMETER (mm)	375
PIPE GRADE (1 IN)	28.9
DATUM RL	22.00
APPROX DEPTH FINISHED SURFACE TO INVERT	1.31
INVERT OF PIPE	30.48
FINISHED SURFACE	31.79
EXISTING SURFACE	32.25
CHAINAGE	00

DRAINAGE

LONGITUDINAL

SECTIONS

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

NOTE: 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
Condition No: 9
Sheet 20 of 23
Approved By BR
Approved Date 2/06/2021**

NOTE: THIS IS NOT A BUILDING APPROVAL

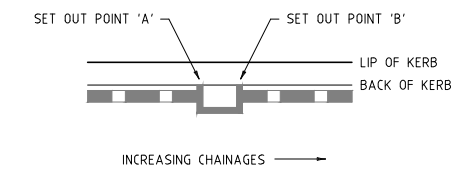
Peter Berry & Associates Pty. Ltd. Civil Engineers 153 Yarra Street Geelong Victoria 3220 Telephone: 5223 2799		MELWAY REF. SURVEYED DESIGNED P.J.B DRAWN C.S. CHECKED	MUNICIPALITY GREATER GEELONG REFERENCE 1503 E/4 SHEET 20 OF 23
AMENDMENTS 21.05.21 VERSION B 26.02.21 VERSION A (PRELIMINARY)	DATE DESCRIPTION	KINGSTON COAST ESTATE STAGE 4	SCALE AS SHOWN DATUM AHD DATE FEB '21

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 HAUNCHED JUNCTION PIT	1900	1050	27.49	675	27.44	675	29.10	1.66	SD 410, 445
				27.52	525					
A2	HAUNCHED GRATED SIDE ENTRY PIT	900	900	27.95	525	27.90	525	29.49	1.59	SD 410, 475
				27.98	375					
A3	HAUNCHED GRATED SIDE ENTRY PIT	900	900	28.65	525	28.60	525	30.18	1.58	SD 410, 475
				28.68	375					
A4	HAUNCHED GRATED SIDE ENTRY PIT	900	900	29.20	525	29.15	525	30.72	1.57	SD 410, 475
				29.23	375					
A5	HAUNCHED SIDE ENTRY PIT	900	900	29.53	525	29.48	525	31.02	1.54	SD 410, 430
				29.56	375					
A6	HAUNCHED SIDE ENTRY PIT	900	900	29.80	525	29.75	525	31.33	1.58	SD 410, 430
				30.03	300					
A7	HAUNCHED SIDE ENTRY PIT	900	900	30.08	375	30.00	525	31.77	1.77	SD 410, 430
				30.05	375					
A8	SIDE ENTRY PIT	900	600	31.10	375	31.05	375	32.55	1.50	SD 405, 430
				31.10	375					
A9	SIDE ENTRY PIT	900	600	31.73	375	31.68	375	32.93	1.25	SD 405, 430
				31.76	375					
A10	EXISTING END OF PIPE	-	-	31.87	375	31.87	375	33.07	1.20	-
B1	EXISTING END OF PIPE	-	-	26.32	450	26.32	450	28.18	1.86	SD 405, 425
B2	JUNCTION PIT	900	600	26.70	375	26.65	450	28.46	1.81	SD 405, 425
B3	JUNCTION PIT	900	600	27.40	300	27.35	375	28.61	1.26	SD 405, 425
B4	JUNCTION PIT	900	600	28.60	300	28.55	300	29.90	1.35	SD 405, 425
B5	JUNCTION PIT	900	600	29.70	225	29.65	300	30.81	1.16	SD 405, 425
B6	JUNCTION PIT	900	600	-	-	30.85	225	31.90	1.05	SD 405, 425
C1	SIDE ENTRY PIT	900	600	30.15	375	30.10	375	31.84	1.74	SD 405, 430
				30.15	375					
C2	SIDE ENTRY PIT	900	600	30.32	375	30.27	375	31.91	1.64	SD 405, 430
C3	SIDE ENTRY PIT	900	600	30.51	300	30.43	375	31.79	1.36	SD 405, 430
				30.48	375					
C4	JUNCTION PIT	900	600	31.20	300	31.15	300	32.64	1.49	SD 405, 425
C5	JUNCTION PIT	900	600	32.00	225	31.95	300	33.30	1.35	SD 405, 425
C6	EXISTING JUNCTION PIT	900	600	32.57	225	32.52	225	33.63	1.11	SD 405, 425
D1	EXISTING END OF PIPE	-	-	30.42	300	30.42	300	31.84	1.42	-
E1	SIDE ENTRY PIT	900	600	-	-	30.93	375	32.14	1.21	SD 405, 430
F1	GRATED SIDE ENTRY PIT	900	600	29.50	375	29.45	375	30.90	1.45	SD 405, 475
F2	SIDE ENTRY PIT	900	600	-	-	29.65	375	30.93	1.28	SD 405, 430
G1	SIDE ENTRY PIT	900	600	-	-	32.02	375	32.98	0.96	SD 405, 430
H1	SIDE ENTRY PIT	900	600	-	-	31.49	375	32.65	1.16	SD 405, 430
I1	SIDE ENTRY PIT	900	600	-	-	29.79	375	31.05	1.26	SD 405, 430
J1	SIDE ENTRY PIT	900	600	-	-	29.02	375	30.28	1.26	SD 405, 430
K1	SIDE ENTRY PIT	900	600	-	-	28.22	375	29.47	1.25	SD 405, 430
* L1	EXISTING HAUNCHED JUNCTION PIT	900	1050	27.02	375	26.83	750	28.55	1.72	SD 410, 430
L2	SIDE ENTRY PIT	900	600	-	-	27.32	375	28.58	1.26	SD 405, 430
* M1	EXISTING HAUNCHED JUNCTION PIT	900	1050	28.77	375	28.72	675	30.48	1.76	SD 410, 430
M2	GRATED SIDE ENTRY PIT	900	600	-	-	29.17	375	30.36	1.19	SD 405, 475
* N1	EXISTING HAUNCHED JUNCTION PIT	900	1050	28.20	375	28.15	675	29.68	1.53	SD 410, 430
N2	GRATED SIDE ENTRY PIT	900	600	-	-	28.65	375	29.61	0.96	SD 405, 475
* O1	EXISTING HAUNCHED JUNCTION PIT	900	1050	27.73	375	27.68	675	29.36	1.68	SD 410, 430
O2	GRATED SIDE ENTRY PIT	900	600	-	-	28.19	375	29.31	1.12	SD 405, 475
P1	SIDE ENTRY PIT	900	600	-	-	30.76	375	31.79	1.03	SD 405, 430

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	2203.89	594.00	2204.78	593.88
A3	2156.52	600.50	2157.41	600.38
A4	2116.89	605.94	2117.78	605.82
A5	2090.44	609.57	2091.33	609.45
A6	2063.62	613.25	2064.51	613.13
A7	2025.84	618.44	2026.73	618.32
A8	1954.51	628.23	1955.40	628.11
A9	1893.08	636.66	1893.98	636.54
C1	2019.30	611.76	2020.19	611.64
C2	2000.42	596.61	2000.54	597.50
C3	1997.45	574.82	1997.57	575.72
E1	1992.85	615.39	1993.74	615.27
F1	2109.07	616.24	2109.19	617.13
F2	2101.64	617.28	2101.76	618.17
G1	1882.25	630.57	1883.14	630.45
H1	1941.69	622.41	1942.59	622.29
I1	2087.41	602.41	2088.30	602.29
J1	2146.85	594.25	2147.75	594.13
K1	2202.33	586.64	2203.23	586.51
L2	2263.76	578.21	2264.65	578.08
M2	2159.91	642.96	2160.67	642.47
N2	2204.05	614.66	2204.81	614.18
O2	2212.66	602.73	2212.81	601.84
P1	2004.89	573.81	2005.01	574.70

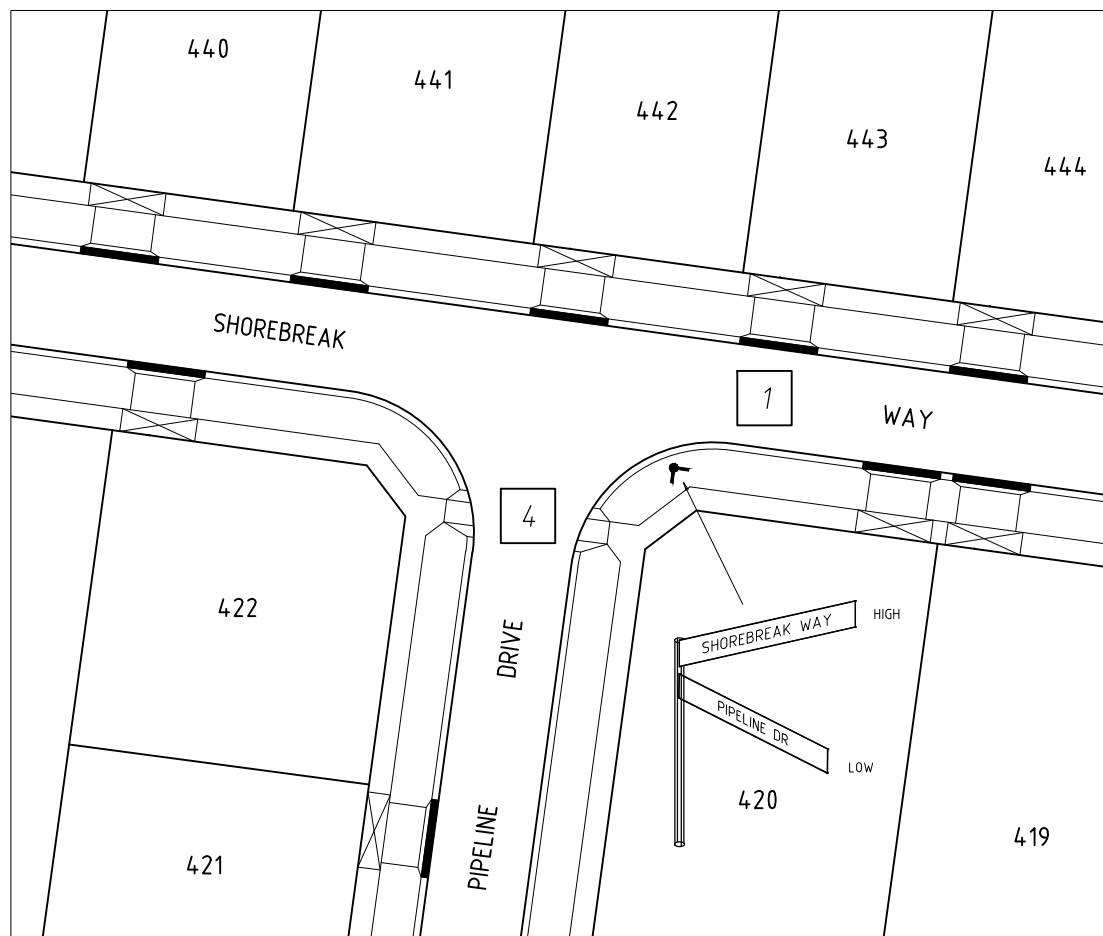
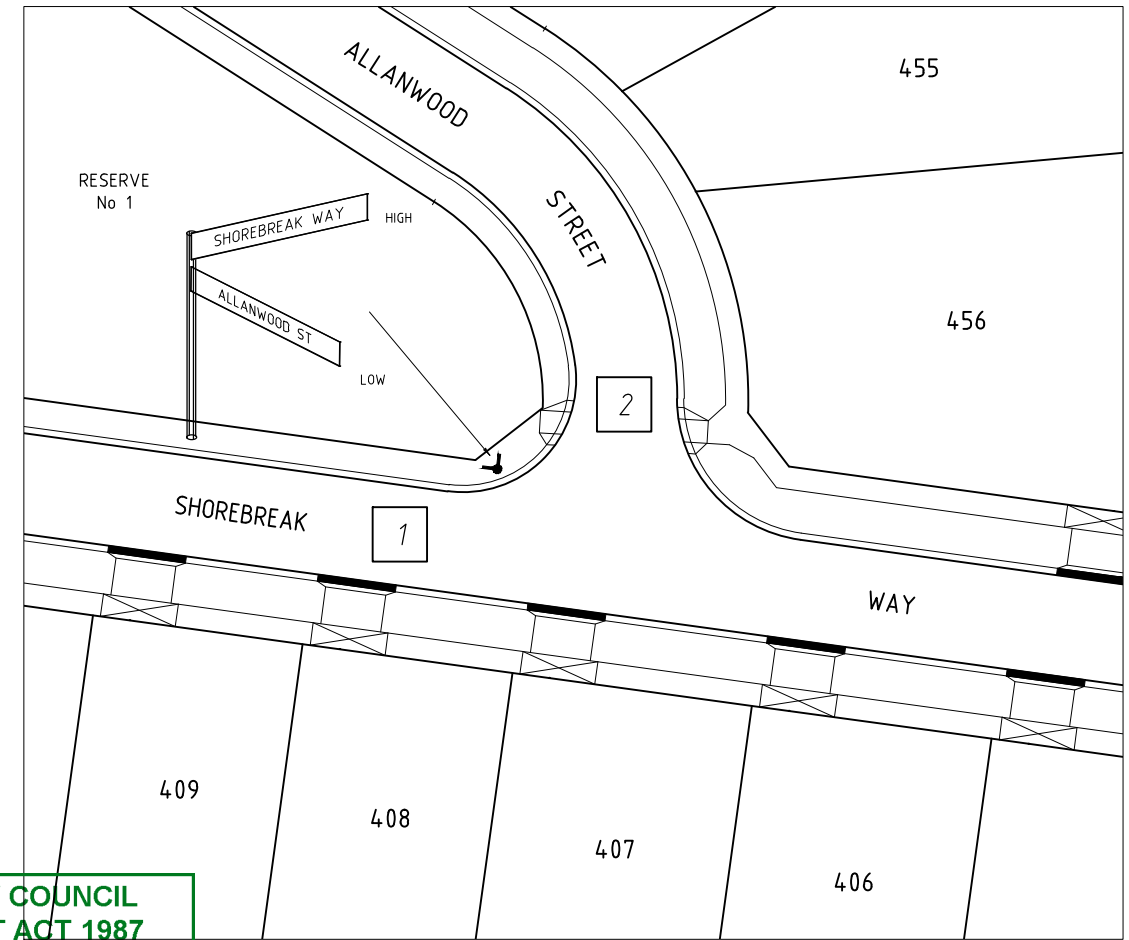
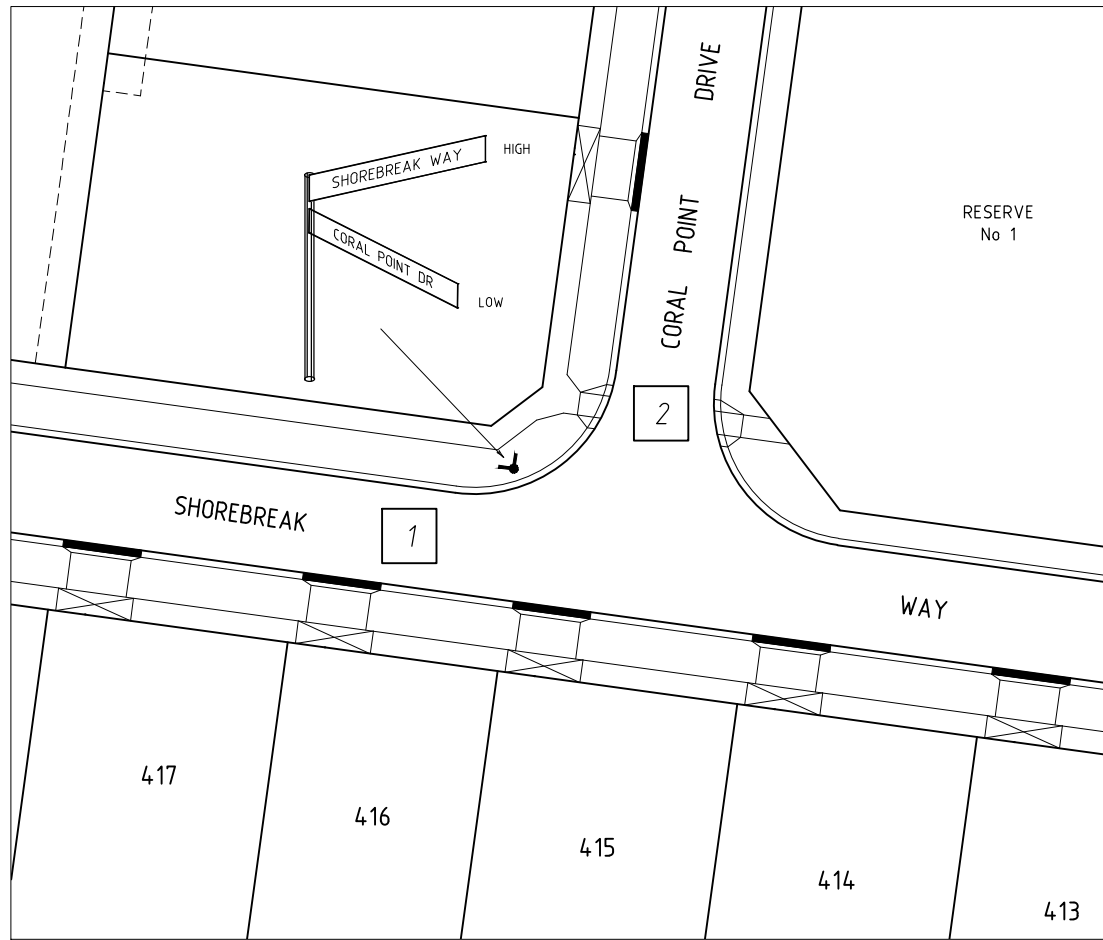


**GREATER GEELONG CITY COUNCIL
PLANNING ENVIRONMENT ACT 1987
GREATER GEELONG PLANNING SCHEME**

**Endorsed Plan
Planning Permit No: PP-1263-2011
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Sheet 21 of 23
Approved By BR
Approved Date 2/06/2021**

NOTE: THIS IS NOT A BUILDING APPROVAL

AMENDMENTS			Peter Berry & Associates Pty. Ltd. Civil Engineers 153 Yarra Street Geelong Victoria 3220 Telephone: 5223 2799	MELWAY REF. SURVEYED DESIGNED P.J.B DRAWN C.S. CHECKED	KINGSTON COAST ESTATE STAGE 4	MUNICIPALITY GREATER GEELONG REFERENCE 1503 E/4 SHEET 21 OF 23
	21.05.21	VERSION B				
	26.02.21	VERSION A (PRELIMINARY)				
	DATE	DESCRIPTION				
A1	1: 500 10 5 0 10 20 30 METRES 1: 50 1 0.5 0 1 2 3	SCALE AS SHOWN	DATUM AHD	DATE FEB '21		



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

Endorsed Plan
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Sheet 22 of 23
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SIGN LEGEND

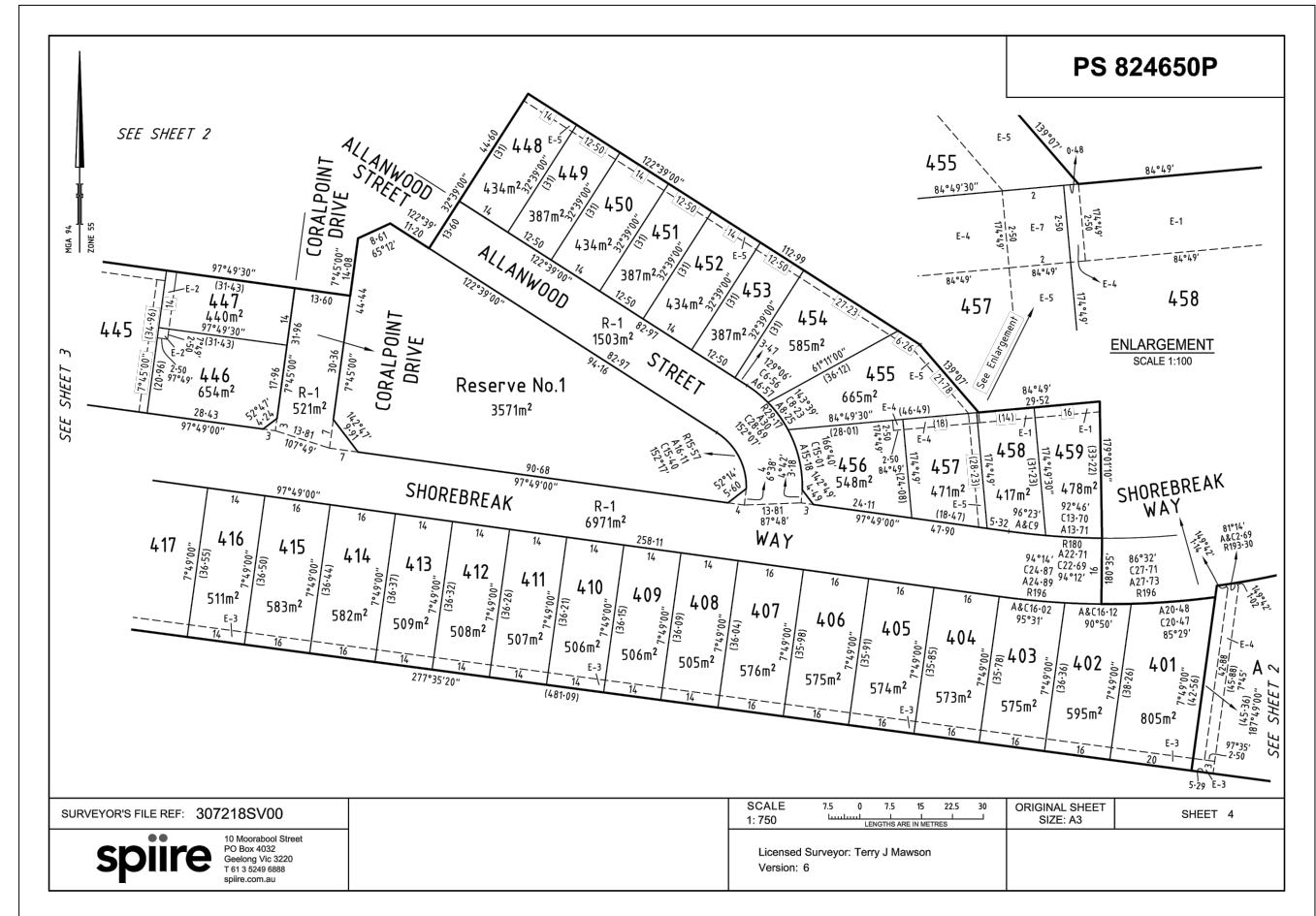
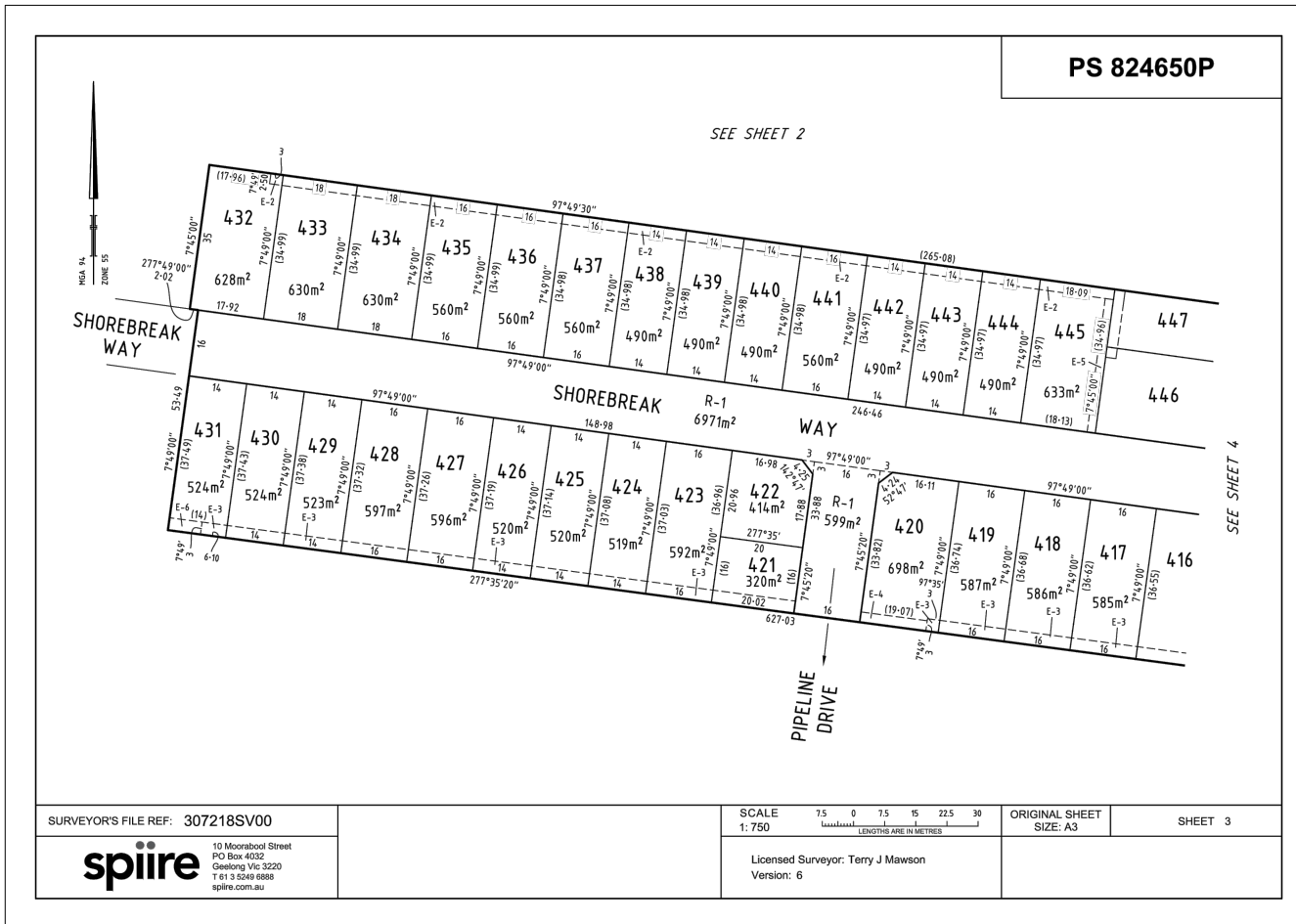
1	SHOREBREAK WAY	3 No	3	ALLANWOOD ST	1 No
2	CORAL POINT DR	1 No	4	PIPELINE DR	1 No

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.

DETAIL PLANS
SCALE (A1) 1 : 250

A1	1: 250			Peter Berry & Associates Pty. Ltd. Civil Engineers	153 Yarra Street Geelong Victoria 3220 Telephone: 5223 2799							
	21.05.21	VERSION B	MELWAY REF.		KINGSTON COAST ESTATE STAGE 4 STREET SIGNS & LINEMARKING PLAN		MUNICIPALITY					
	26.02.21	VERSION A (PRELIMINARY)	SURVEYED				GREATER GEELONG					
	DATE	DESCRIPTION	DESIGNED P.J.B				REFERENCE					
1: 250	5	2.5	0	5	10	15	METRES	DRAWN C.S.	SCALE AS SHOWN	DATUM AHD	DATE FEB '21	SHEET 22 OF 23



**GREATER GEELONG CITY COUNCIL
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GREATER GEELONG PLANNING SCHEME**

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Sheet 23 of 23
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AMENDMENTS			Peter Berry & Associates Pty. Ltd. Civil Engineers	153 Yarra Street Geelong Victoria 3220 Telephone: 5223 2799			
	21.05.21	VERSION B			MELWAY REF.	KINGSTON COAST ESTATE STAGE 4 PLAN OF SUBDIVISION	
	26.02.21	VERSION A (PRELIMINARY)			SURVEYED		MUNICIPALITY GREATER GEELONG
	DATE	DESCRIPTION			DESIGNED P.J.B		
A1		DRAWN C.S.	SHEET 23 OF 23				
		CHECKED		SCALE AS SHOWN DATUM AHD DATE FEB '21			