

Kingston Coast Estate - Stage 5

Ocean Grove

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 15m 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 (CONFINED 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.

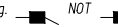



3. WHERE DRAINAGE LINES EXIST BEHIND THE KERB AND CHANNEL SUBSOIL DRAINAGE IS NOT REQUIRED HOWEVER A 1m LENGTH OF SUBSOIL DRAIN INCLUDING FILTER SOCK IS REQUIRED BOTH SIDES OF DRAINAGE PITS.
15. ALL FOOTPATHS ARE TO BE A MINIMUM OF 125mm THICK WITH F72 REINFORCEMENT AND BEDDED ON A MINIMUM OF 50mm COMPACTED 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 SOIL, 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 (106mm 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 CCG701).
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 SEWER 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.



LOCALITY PLAN
SCALE @ A1 - 1 : 5,000


41. ALL PITS ARE TO BE SET OUT FROM SURVEY CO-ORDINATES USING SET OUT POINTS DETAILED IN THE COGG STANDARD DRAWINGS.
42. 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.
43. 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.
44. PIPEWORK AT ALL PITS TO BE WELL ALIGNED TO ENSURE FLOW IS GUIDED TO OUTLET PIPE eg.  NOT 
45. 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.
46. PROPERTY INLET PITS ARE SHOWN THUS:  AND ARE TO BE LOCATED 1m FROM THE LOW CORNER UNLESS OTHERWISE SHOWN.
47. LOTS DENOTED THUS:  ARE TO BE PROVIDED WITH A 100mm DIAMETER CLASS 6 PVC SOCKETED PIPE HOUSE DRAIN LOCATED 60m FROM THE LOW CORNER OF THE LOT UNLESS OTHERWISE SHOWN AND SHALL BE CONNECTED DIRECTLY TO UNDERGROUND DRAINS WHERE AVAILABLE.
48. HOUSE DRAINS ARE TO BE A MINIMUM OF 0.5m BELOW FINISHED SURFACE AT THE LOT BOUNDARY UNLESS OTHERWISE SHOWN.
49. EASEMENT DRAIN CONNECTION TO BE A MINIMUM OF 0.5m BELOW FINISHED SURFACE UNLESS OTHERWISE SHOWN.
50. WHEN USING 150mm DIAMETER UPVC PIPES ALL HOUSE DRAINS ARE TO BE CONNECTED USING STANDARD T-PIECE FITTINGS.
51. 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.
52. 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.
53. 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.
54. 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.
55. 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.
56. ALL SEWER MANHOLES LOCATED WITHIN FOOTPATHS ARE TO BE POSITIONED AND ROTATED SO THAT THEY ARE PLACED CENTRALLY WITHIN THE FOOTPATH TO PREVENT CRACKING.
57. ALL DRAINAGE PITS ARE TO BE FITTED WITH TERRA-FIRMA PIT LIDS.

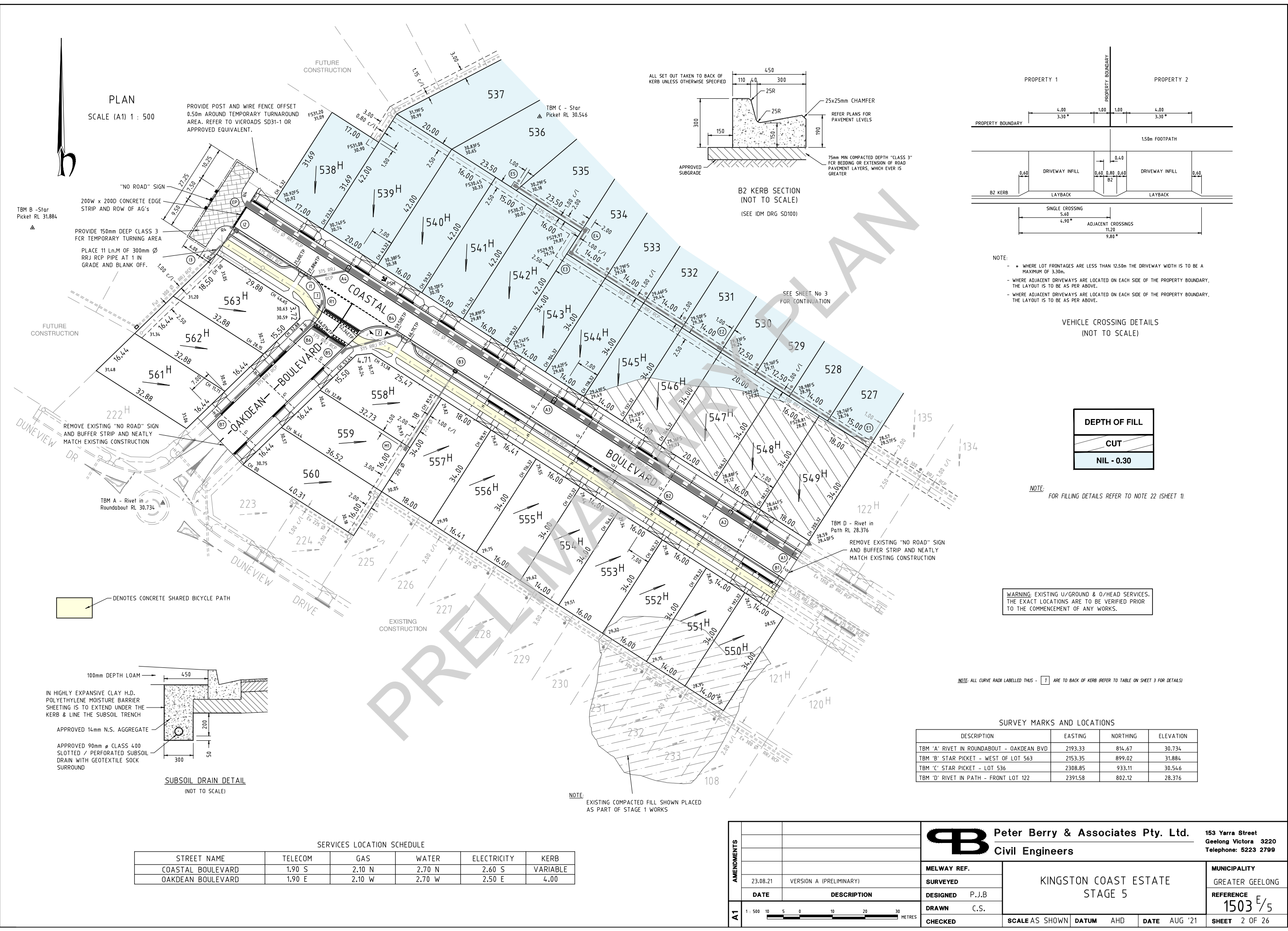
SHEET INDEX

SHEET No.	VERSION No.	DESCRIPTION
1	A	GENERAL NOTES.
2	A	FACEPLAN AND SERVICES SCHEDULE.
3	A	FACEPLAN, SERVICES SCHEDULE & CURVE SETOUT SCHEDULE.
4	A	COASTAL BOULEVARD LONGITUDINAL SECTION.
5	A	COASTAL BOULEVARD CROSS SECTIONS (CH-50.00-CH191.1).
6	A	COASTAL BOULEVARD CROSS SECTIONS (CH99.91-CH200.32).
7	A	OKARDEAN BOULEVARD LONGITUDINAL SECTION & CROSS SECTIONS
8	A	RIVIEW DRIVE LONGITUDINAL SECTION.
9	A	RIVIEW DRIVE CROSS SECTIONS.

SHEET No.	VERSION No.	DESCRIPTION
10	A	GUMDROP DRIVE LONGITUDINAL SECTION.
11	A	GUMDROP DRIVE CROSS SECTIONS.
12	A	WATTLESIDE DRIVE LONG SECTION & CROSS SECTIONS (CH7.87-CH58.64).
13	A	WATTLESIDE DRIVE CROSS SECTIONS (CH74.64-CH02.64).
14	A	COASTAL BVD/OAKDEAN BVD INTERSECTION DETAIL - (1125)
15	A	RIPEVIEW DRIVE/GUMDROP DRIVE INTERSECTION DETAIL - (1125)
16	A	GUMDROP DRIVE/WATTLESIDE DRIVE INTERSECTION DETAIL - (1125)
17	A	DRAINAGE LONGITUDINAL SECTION (1A' LINE).
18	A	DRAINAGE LONGITUDINAL SECTION (1B' & 1C' LINES).

SHEET No.	VERSION No.	DESCRIPTION
19	A	DRAINAGE LONGITUDINAL SECTION ('C' & 'G' LINES).
20	A	DRAINAGE LONGITUDINAL SECTION ('D' & 'H' LINES).
21	A	DRAINAGE LONGITUDINAL SECTION ('E' & 'I' LINES).
22	A	DRAINAGE LONGITUDINAL SECTIONS ('J'-N' LINES) INCLUSIVE.
23	A	DRAINAGE LONG SECTIONS ('O'-R' LINES) INCL. & PIT SETOUT SCHEDULE.
24	A	DRAINAGE PIT SCHEDULE.
25	A	STREET SIGNAGE PLAN.
26	A	PLAN OF SUBDIVISION.

AMENDMENTS			 Peter Berry & Associates Pty. Ltd. Civil Engineers		153 Yarra Street Geelong Victoria 3220 Telephone: 5223 2799		
	23.08.21	VERSION A (PRELIMINARY)	MELWAY REF.	KINGSTON COAST ESTATE STAGE 5		MUNICIPALITY	
			SURVEYED			GREATER GEELONG	
	DATE	DESCRIPTION	DESIGNED P.J.B			REFERENCE	
A1			DRAWN C.S.			1503 E/5	
			CHECKED	SCALE AS SHOWN	DATUM AHD	DATE AUG '21	SHEET 1 OF 26



PLAN
SCALE (A1) 1 : 500

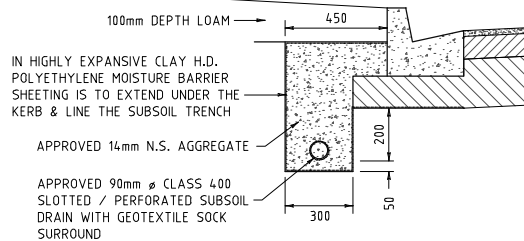
PROVIDE POST AND WIRE FENCE OFFSET 0.50m AROUND TEMPORARY TURNAROUND AREA. REFER TO VICROADS SD31-1 OR APPROVED EQUIVALENT.

"NO ROAD" SIGN
200W x 200D CONCRETE EDGE STRIP AND ROW OF AG'S
PROVIDE 150mm DEEP CLASS 3 FCR TEMPORARY TURNING AREA
PLACE 11 L.N.M OF 300mm Ø RRI RCP PIPE AT 1 IN GRADE AND BLANK OFF.

REMOVE EXISTING "NO ROAD" SIGN AND BUFFER STRIP AND NEATLY MATCH EXISTING CONSTRUCTION

TBM A - Rivet in Roundabout RL 30.734

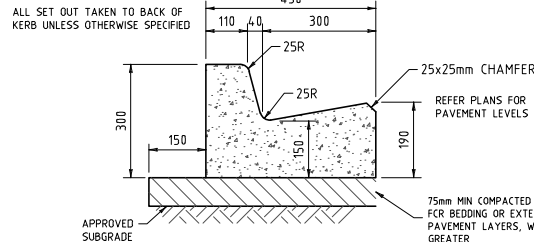
DENOTES CONCRETE SHARED BICYCLE PATH



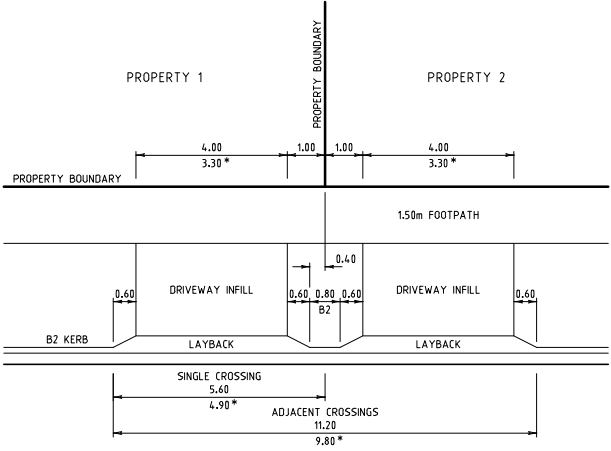
SUBSOIL DRAIN DETAIL
(NOT TO SCALE)

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
OAKDEAN BOULEVARD	1.90 E	2.10 W	2.70 W	2.50 E	4.00



B2 KERB SECTION
(NOT TO SCALE)
(SEE IDN DRG SD100)



- 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.

VEHICLE CROSSING DETAILS
(NOT TO SCALE)

DEPTH OF FILL
CUT
NIL - 0.30

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

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

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' RIVET IN ROUNDABOUT - OAKDEAN BVD	2193.33	814.67	30.734
TBM 'B' STAR PICKET - WEST OF LOT 563	2153.35	899.02	31.884
TBM 'C' STAR PICKET - LOT 536	2308.85	933.11	30.546
TBM 'D' RIVET IN PATH - FRONT LOT 122	2391.58	802.12	28.376

AMENDMENTS

23.08.21	VERSION A (PRELIMINARY)
DATE	DESCRIPTION
A1	1 : 500

MELWAY REF.

SURVEYED

DESIGNED P.J.B

DRAWN C.S.

CHECKED

SCALE AS SHOWN

DATUM AHD

DATE AUG '21

Peter Berry & Associates Pty. Ltd.

Civil Engineers

153 Yarra Street
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KINGSTON COAST ESTATE
STAGE 5

MUNICIPALITY
GREATER GEELONG

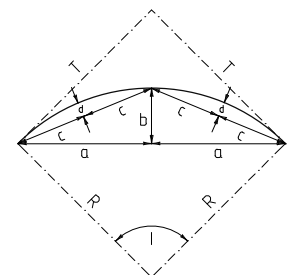
REFERENCE
1503 E/5

SHEET 2 OF 26

PLAN
SCALE (A1) 1 : 500

CURVE SETOUT TABLE								
CURVE	RADIUS (m)	L	T	ARC	a	b	c	d
1	9.00	103°19'05"	11.379	16.229	7.059	3.417	3.921	0.899
2	10.00	76°40'55"	7.909	13.384	6.203	2.157	3.284	0.555
3	87.57	29°54'09"	23.385	45.703	22.593	2.965	11.393	0.744
4	80.07	29°54'09"	21.382	41.789	20.658	2.711	10.418	0.681
5	9.00	90°00'00"	9.000	14.137	6.364	2.636	3.444	0.685
6	9.00	90°00'00"	9.000	14.137	6.364	2.636	3.444	0.685
7	16.25	30°36'19"	4.446	8.680	4.289	0.576	2.164	0.145
8	9.00	60°05'51"	5.206	9.440	4.507	1.210	2.333	0.308
9	9.00	89°17'50"	8.890	14.027	6.325	2.597	3.419	0.675

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



CURVE SETOUT DETAIL
(NOT TO SCALE)

DEPTH OF FILL

NIL - 0.30

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

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

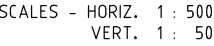
SURVEY MARKS AND LOCATIONS

DESCRIPTION	EASTING	NORTHING	ELEVATION
TBM 'C' STAR PICKET - LOT 536	2308.85	933.11	30.546
TBM 'E' RIVET IN PATH - FRONT LOT 136	2433.80	872.42	28.623
TBM 'F' RIVET IN PATH - FRONT LOT 151	2471.50	930.80	29.723
TBM 'G' STAR PICKET - LOT 508	2371.70	1033.33	32.419

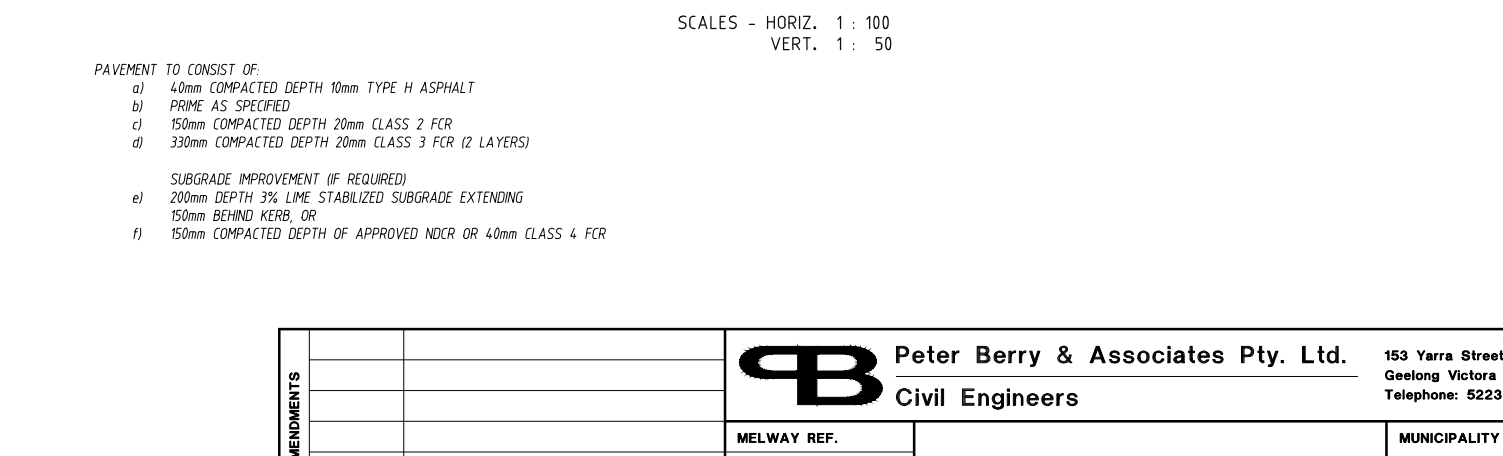
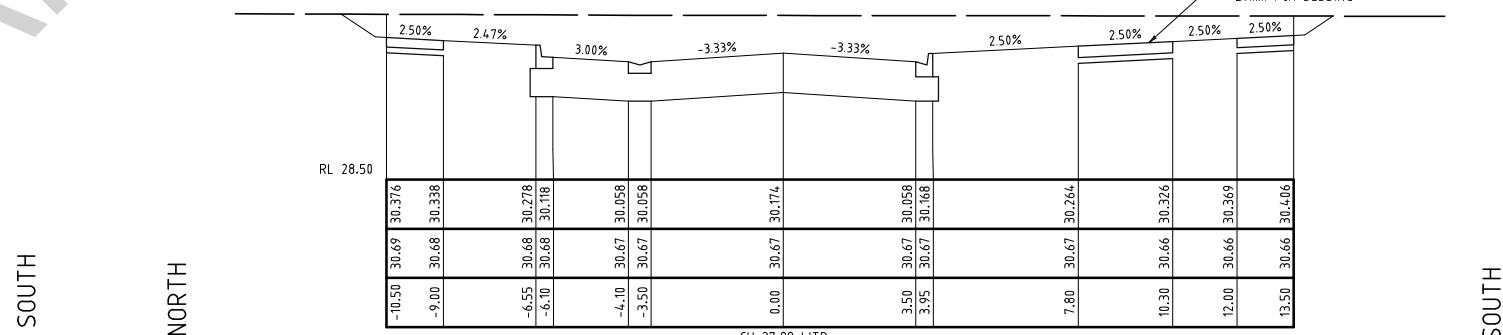
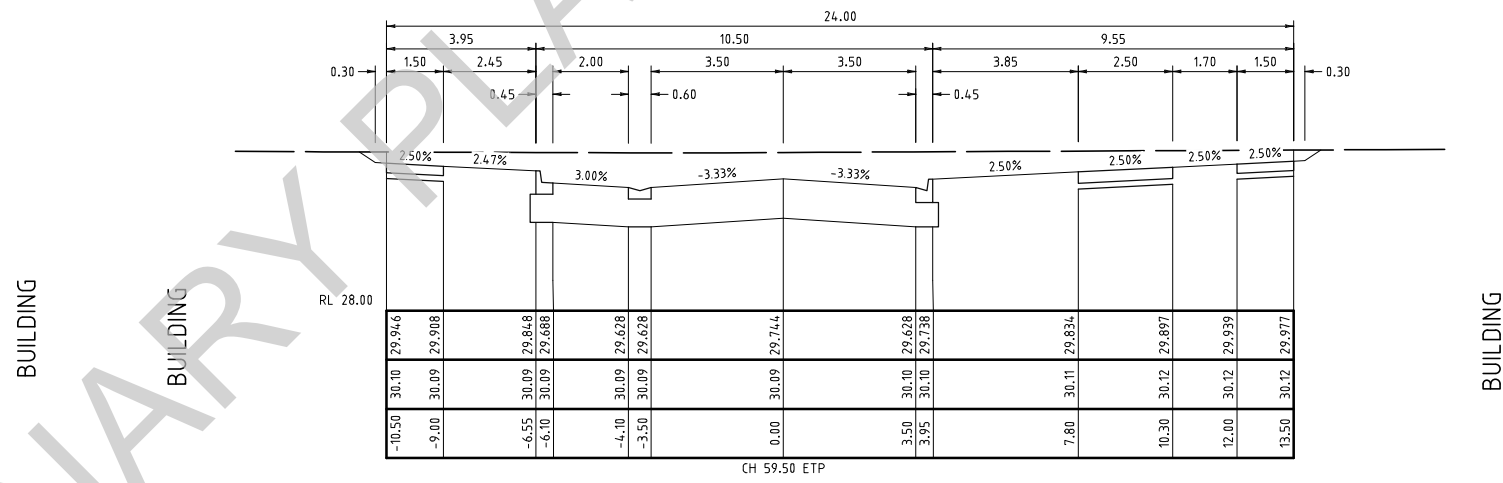
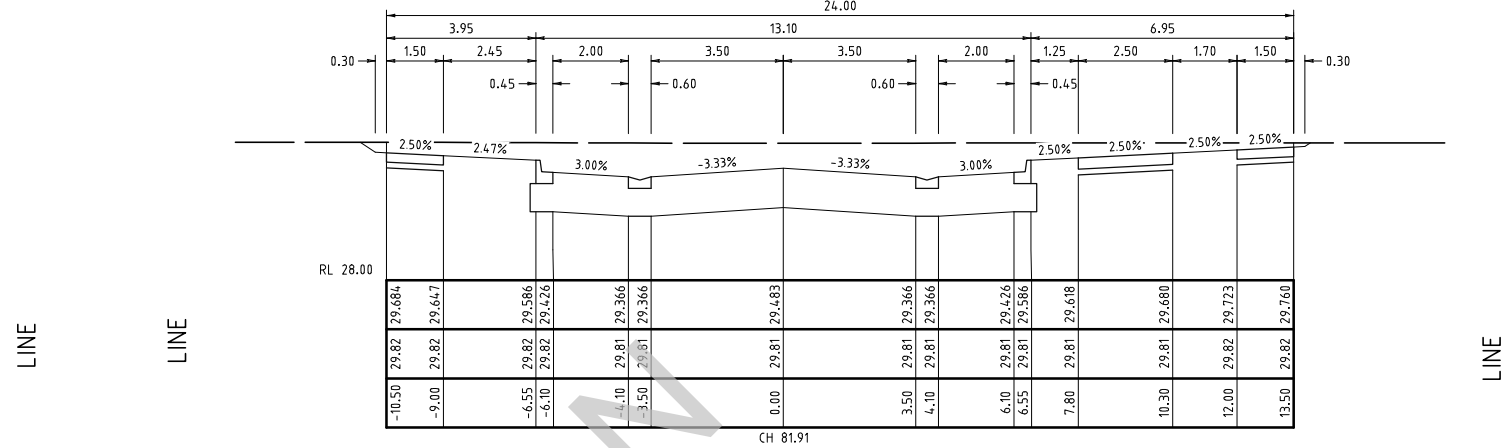
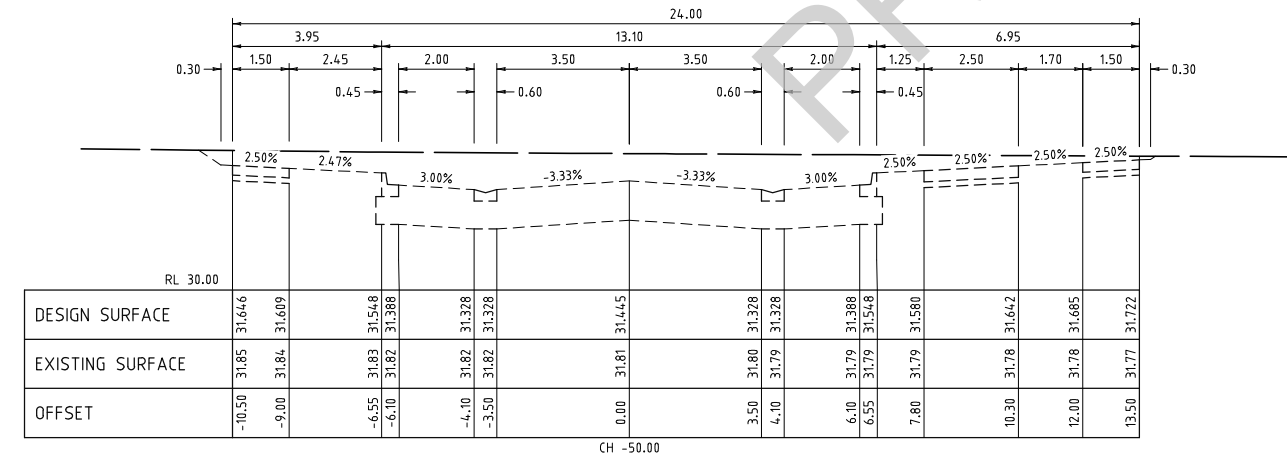
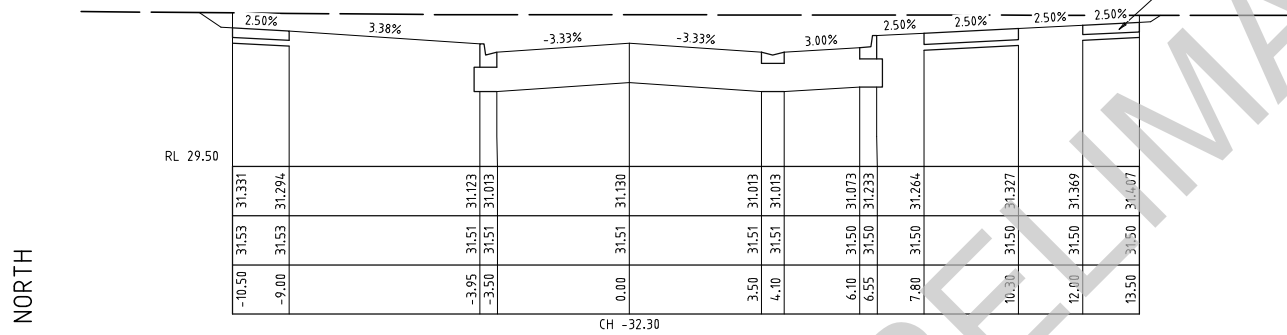
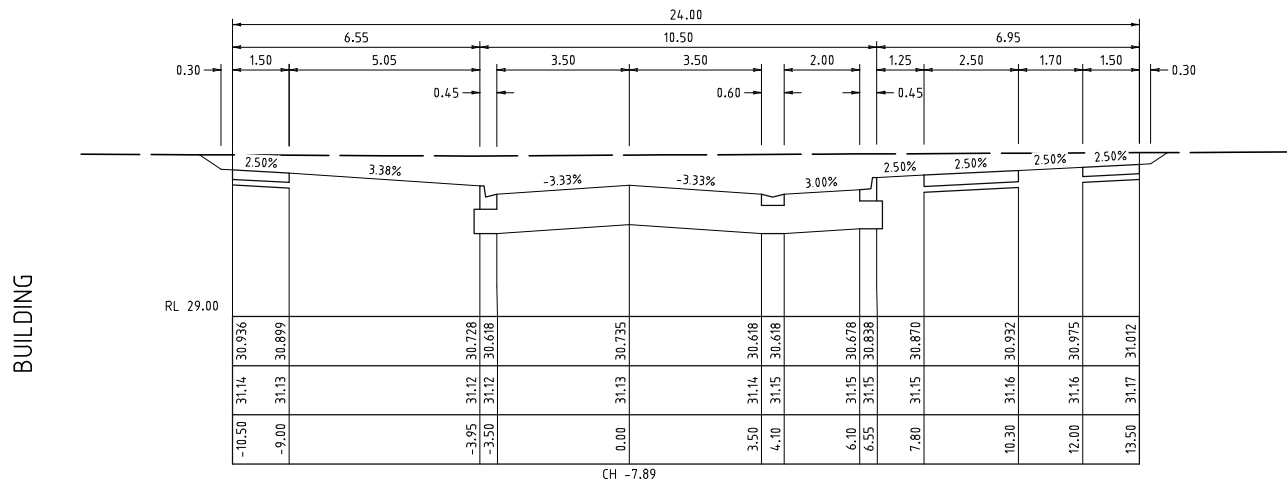
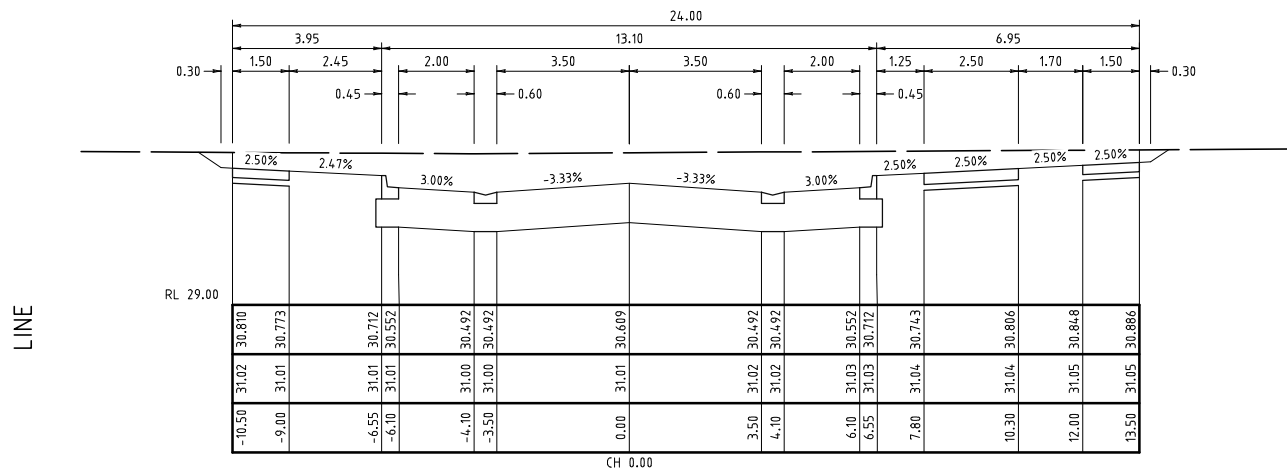
SERVICES LOCATION SCHEDULE

STREET NAME	TELECOM	GAS	WATER	ELECTRICITY	KERB
RIPVIEW DRIVE	1.90 S	2.10 N	2.70 N	2.50 S	4.25
GUMDROP DRIVE	1.90 E	2.10 W	2.70 W	2.50 E	4.25
WATTLESIDE DRIVE	1.90 S	2.10 N	2.70 N	2.50 S	4.25

AMENDMENTS			<div><div>PB</div><div>Peter Berry & Associates Pty. Ltd. Civil Engineers</div></div>		<div>153 Yarra Street Geelong Victoria 3220 Telephone: 5223 2799</div>				
	23.08.21	VERSION A (PRELIMINARY)	MELWAY REF.	KINGSTON COAST ESTATE STAGE 5			MUNICIPALITY GREATER GEELONG		
			SURVEYED				REFERENCE 1503 ^E /5		
	DATE	DESCRIPTION	DESIGNED P.J.B.						
A1			DRAWN C.S.	SCALE AS SHOWN			DATUM AHD	DATE AUG '21	SHEET 3 OF 26
		<div>1 : 500 0 10 20 30 METRES</div>		CHECKED					



KINGSTON COAST ESTATE STAGE 5				MUNICIPALITY	
				GREATER GEELONG	
				REFERENCE	
				1503 E/5	
SCALE AS SHOWN	DATUM	AHD	DATE	AUG '21	SHEET 4 OF 26



PAVEMENT TO CONSIST OF:


- a) 40mm COMPACTED DEPTH 10mm TYPE H ASPHALT
- b) PRIME AS SPECIFIED
- c) 150mm COMPACTED DEPTH 20mm CLASS 2 FCR
- d) 330mm COMPACTED DEPTH 20mm CLASS 3 FCR (2 LAYERS)

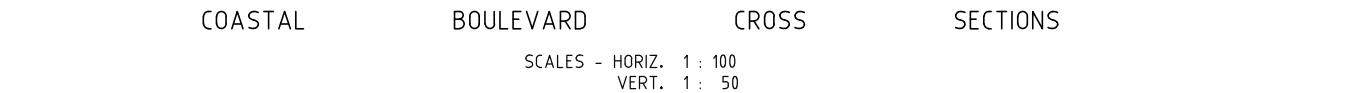
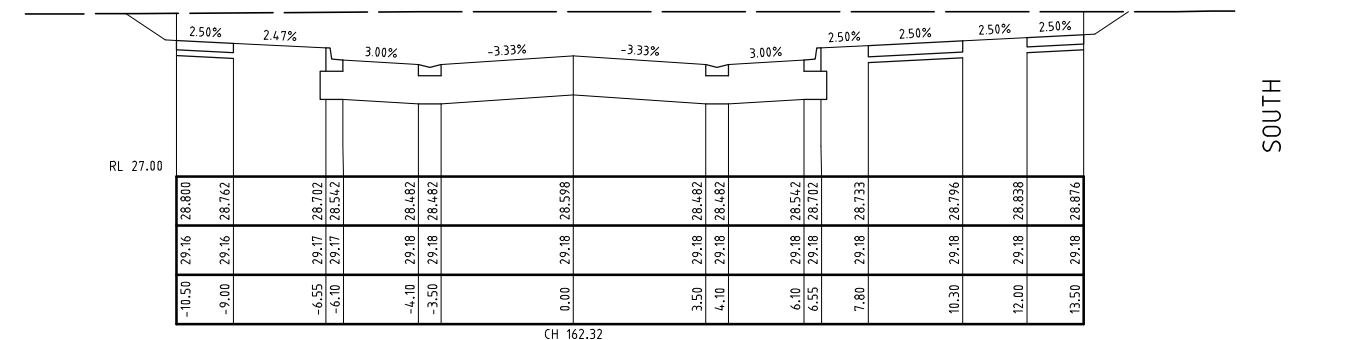
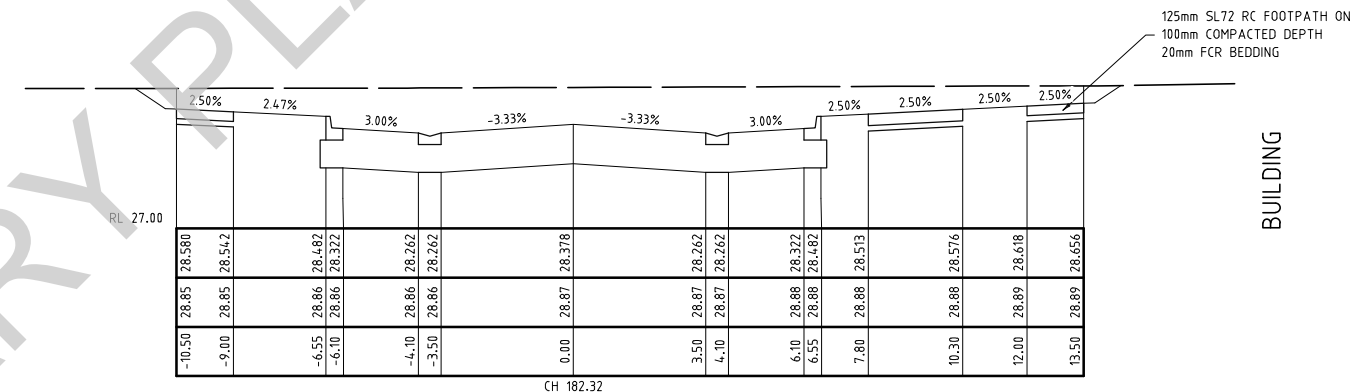
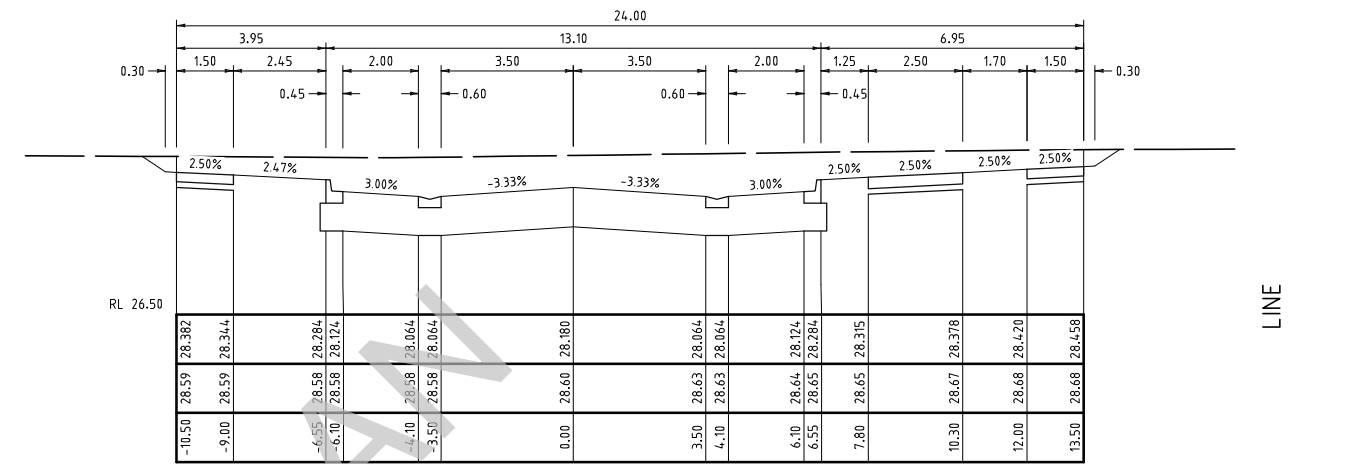
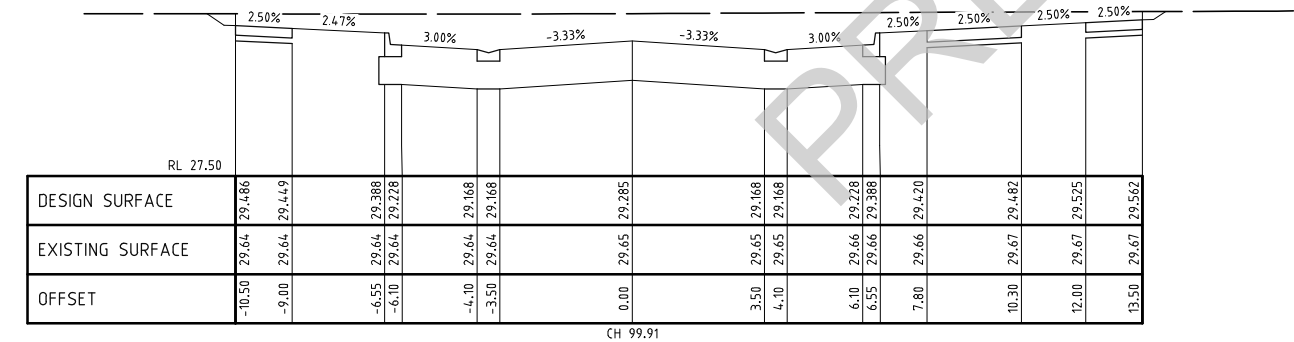
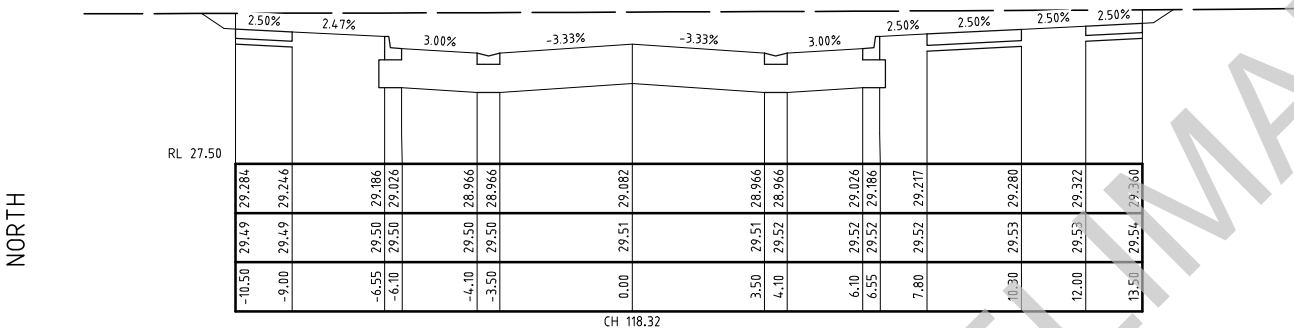
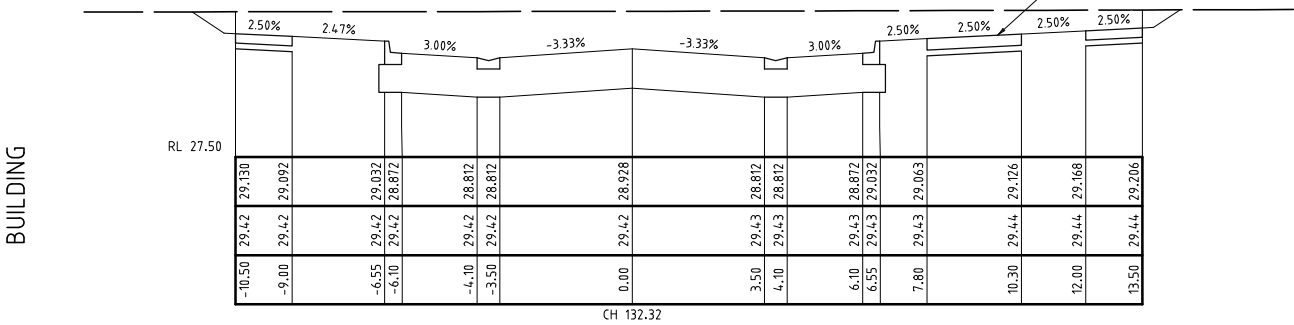
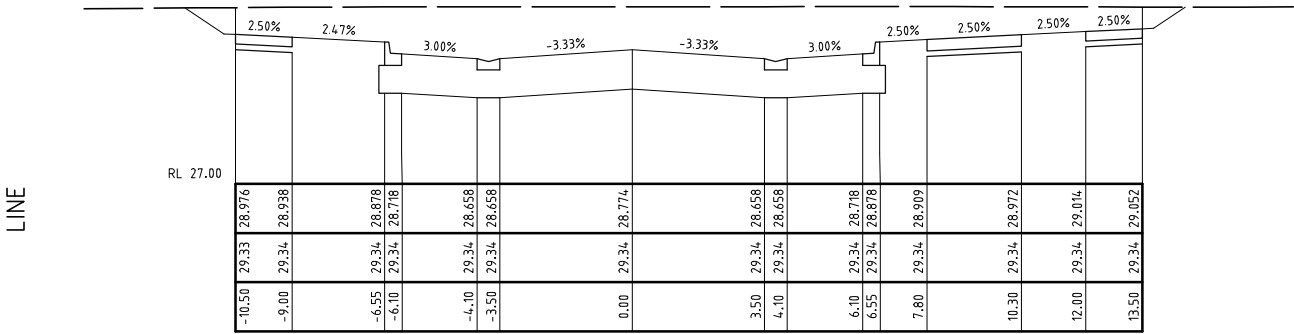
SUBGRADE IMPROVEMENT (IF REQUIRED)

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

COASTAL BOULEVARD CROSS SECTIONS

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

AMENDMENTS		 Peter Berry & Associates Pty. Ltd. Civil Engineers	153 Yarra Street Geelong Victoria 3220 Telephone: 5223 2799		
	23.08.21	VERSION A (PRELIMINARY)	MELWAY REF.	KINGSTON COAST ESTATE STAGE 5	
	DATE	DESCRIPTION	SURVEYED		
			DESIGNED P.J.B.		
A1	1 : 100	2 1 0 2 4 6	DRAWN C.S.	SCALE AS SHOWN	MUNICIPALITY GREATER GEELONG
	1 : 50	1 0.5 0 1 2 3	CHECKED		
			DATUM AHD	DATE AUG '21	REFERENCE 1503 E/5
					SHEET 5 OF 26



PAVEMENT TO CONSIST OF:

- a) 40mm COMPACTED DEPTH 10mm TYPE H ASPHALT
- b) PRIME AS SPECIFIED
- c) 150mm COMPACTED DEPTH 20mm CLASS 2 FCR
- d) 330mm COMPACTED DEPTH 20mm CLASS 3 FCR (2 LAYERS)

SUBGRADE IMPROVEMENT (IF REQUIRED)

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


AMENDMENTS		Peter Berry & Associates Pty. Ltd. Civil Engineers	153 Yarra Street Geelong Victoria 3220 Telephone: 5223 2799		
			MUNICIPALITY GREATER GEELONG		
			REFERENCE 1503 E/5		
			SHEET 6 OF 26		
A1	23.08.21	VERSION A (PRELIMINARY)	MELWAY REF.	KINGSTON COAST ESTATE STAGE 5	
	DATE	DESCRIPTION	SURVEYED		
			DESIGNED P.J.B		
			DRAWN C.S.		
1: 100 1: 50	METRES		CHECKED	SCALE AS SHOWN	DATUM AHD
				DATE AUG '21	

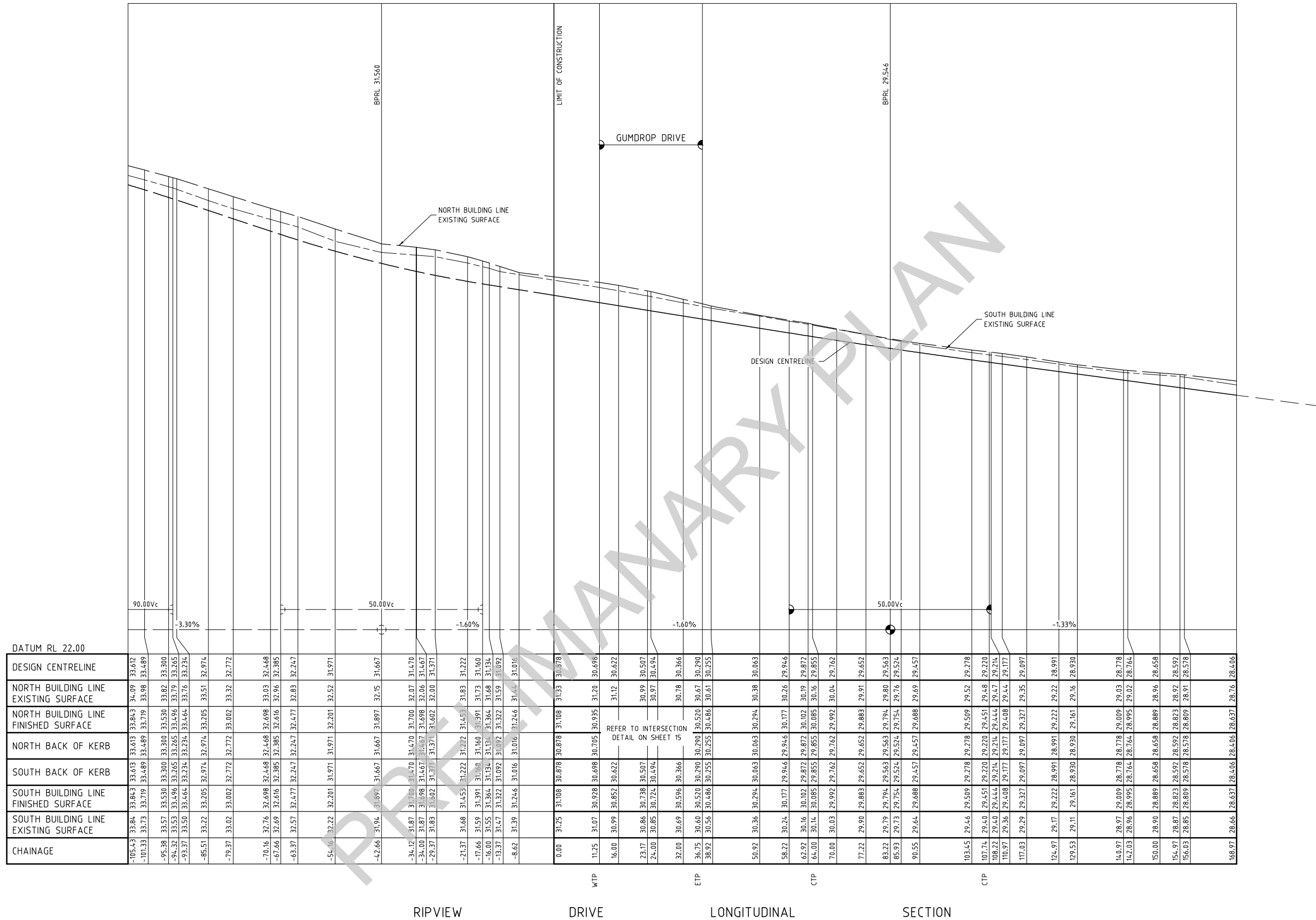


NOTE:
SEE SHEET No 14 FOR
INTERSECTION / KERB
RETURN DETAILS

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			 Peter Berry & Associates Pty. Ltd. Civil Engineers	153 Yarra Street Geelong Victoria 3220 Telephone: 5223 2799						
	23.08.21	VERSION A (PRELIMINARY)	MELWAY REF.	KINGSTON COAST ESTATE STAGE 5			MUNICIPALITY			
			SURVEYED				GREATER GEELONG			
	DATE	DESCRIPTION	DESIGNED P.J.B				REFERENCE			
A1	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	DRAWN C.S.	SCALE AS SHOWN	DATUM	AHD	DATE	AUG '21	SHEET	7 OF 26



RIPVIEW

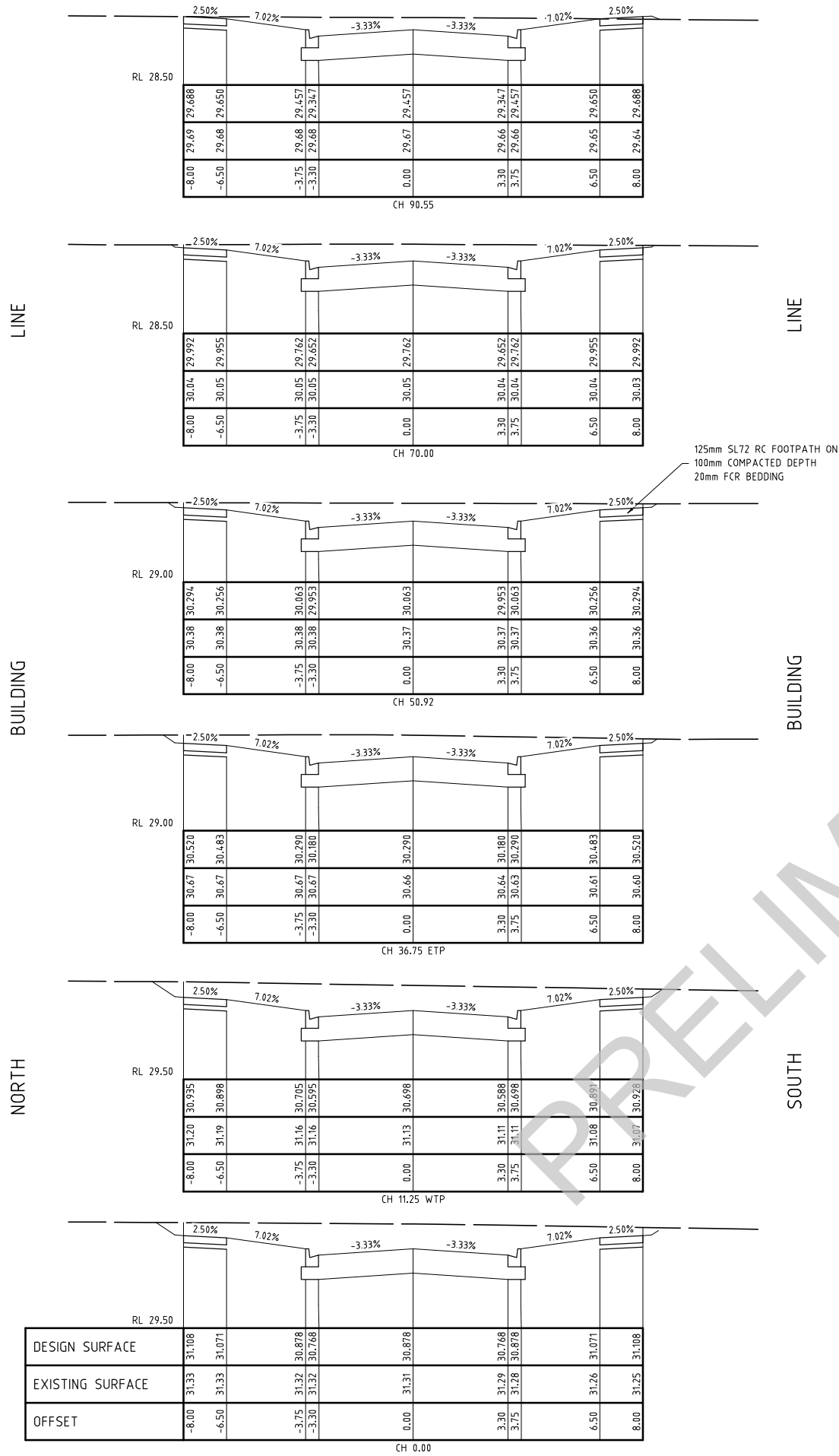
DRIVE

LONGITUDINAL

SECTION

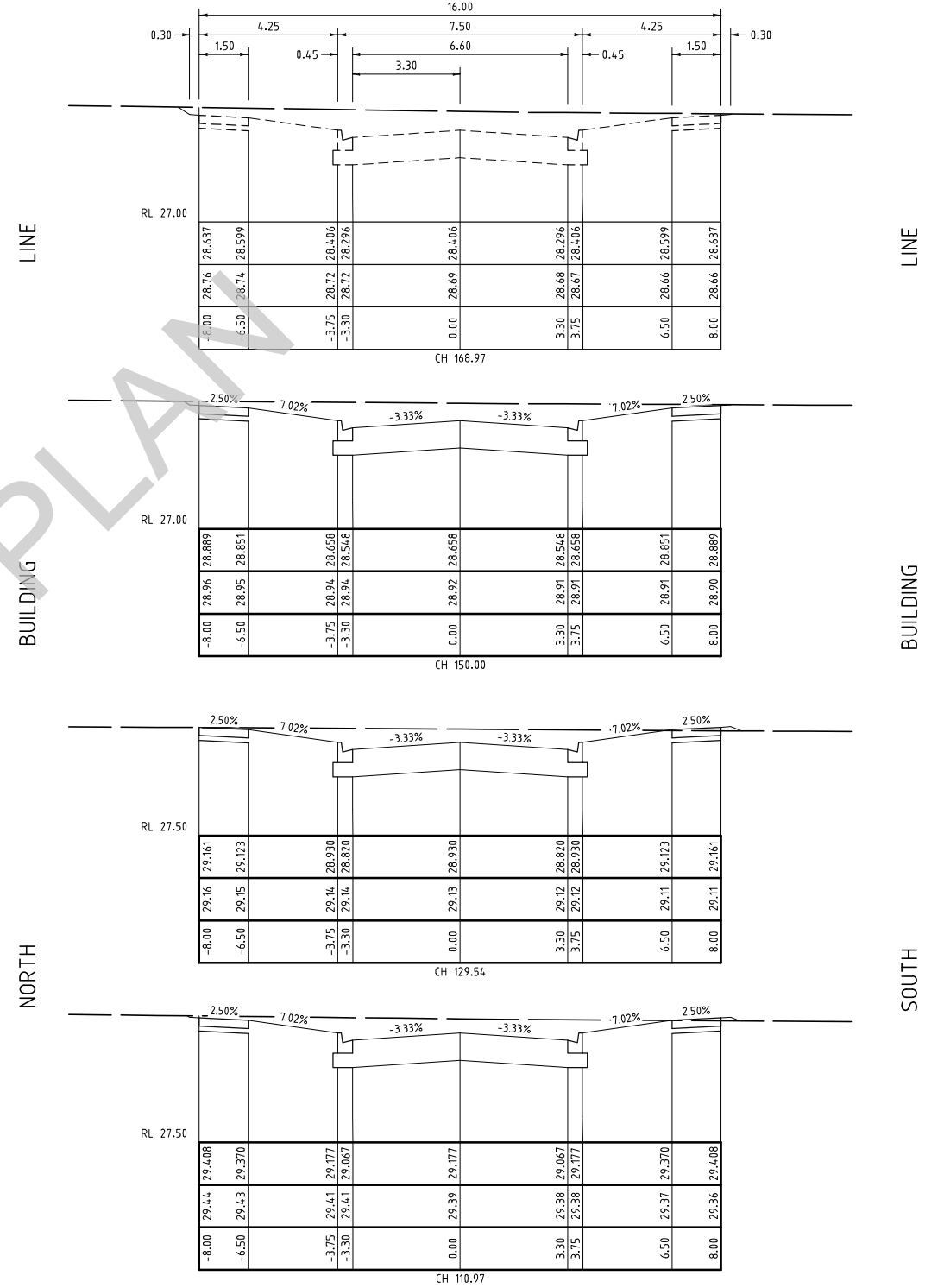
SCALES - HORIZ. 1 : 500
VERT. 1 : 50

AMENDMENTS			Peter Berry & Associates Pty. Ltd. Civil Engineers	153 Yarra Street Geelong Victoria 3220 Telephone: 5223 2799		
A1	23.08.21	VERSION A (PRELIMINARY)	MELWAY REF.	KINGSTON COAST ESTATE STAGE 5	MUNICIPALITY GREATER GEELONG	
	DATE	DESCRIPTION	SURVEYED		REFERENCE 1503 E/5	
			DESIGNED P.J.B.		SHEET 8 OF 26	
	1 : 500 1 : 50	0 5 10 20 30 1 0.5 1 2 3	DRAWN C.S.	SCALE AS SHOWN	DATUM AHD	DATE AUG '21
			CHECKED			




- 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 STABILIZED SUBGRADE EXTENDING 150mm BEHIND KERB, OR
 - f) 150mm COMPACTED DEPTH OF APPROVED NDCR OR 40mm CLASS 4 FCR

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

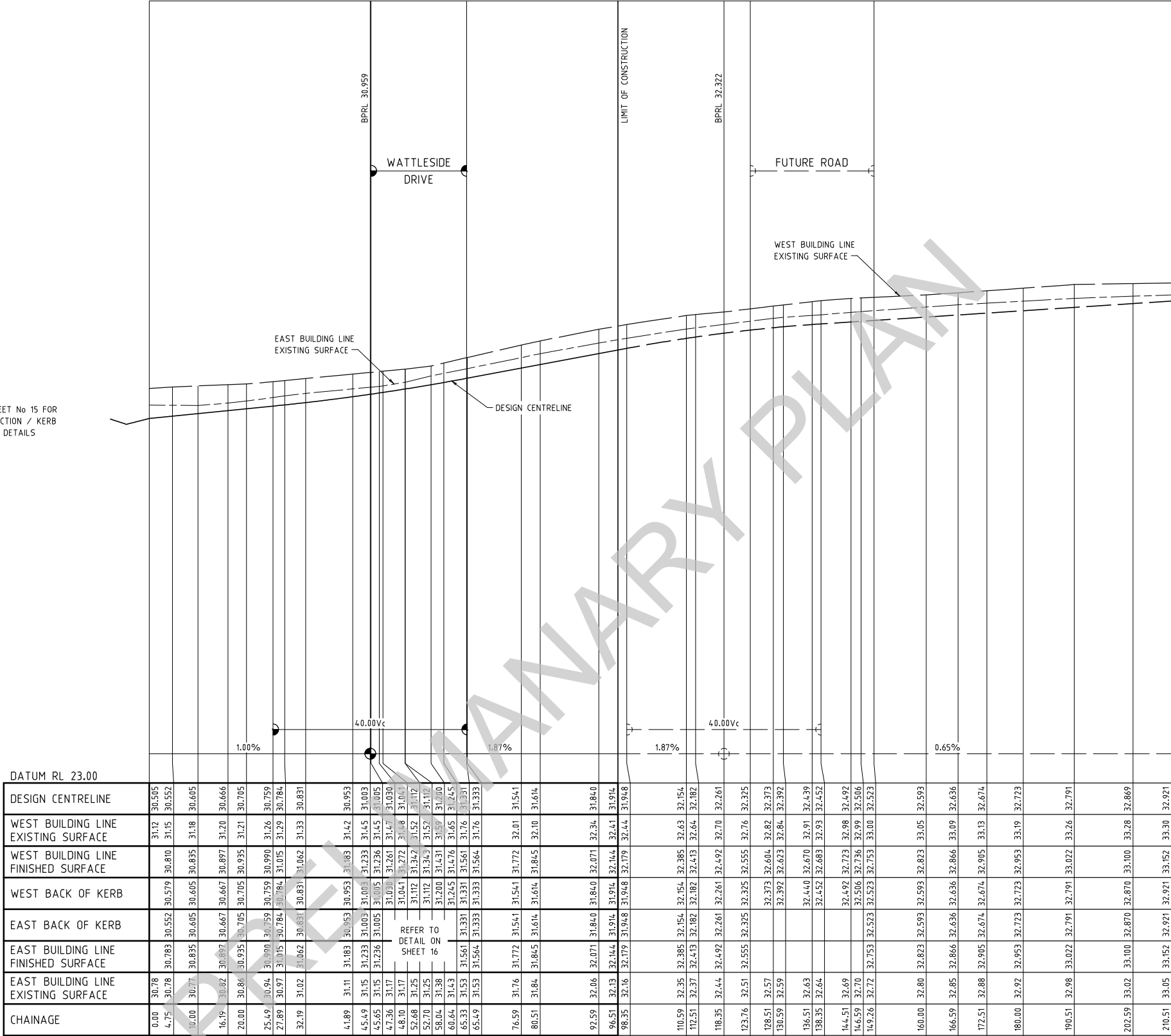


RIPVIEW DRIVE CROSS SECTIONS

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

AMENDMENTS			<div>Peter Berry & Associates Pty. Ltd. Civil Engineers</div> <div>153 Yarra Street Geelong Victoria 3220 Telephone: 5223 2799</div>						
				MELWAY REF.	KINGSTON COAST ESTATE STAGE 5			MUNICIPALITY	
				SURVEYED				GREATER GEELONG	
				DESIGNED P.J.B.				REFERENCE	
A1	23.08.21	VERSION A (PRELIMINARY)						1503 E/5	
	DATE	DESCRIPTION		DRAWN C.S.					
	<div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div><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NOTE:
SEE SHEET No 15 FOR
INTERSECTION / KERB
RETURN DETAILS



GUMDROP

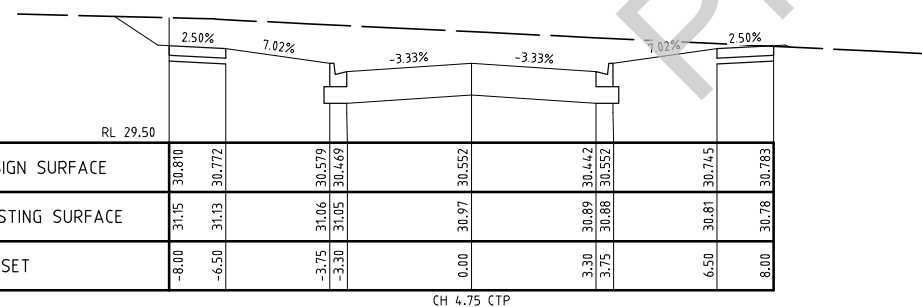
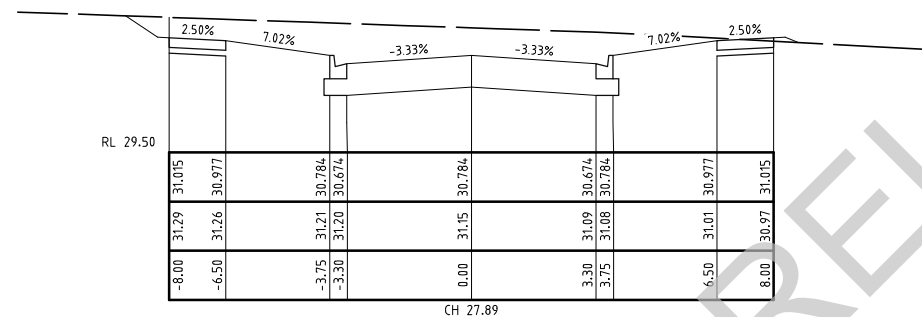
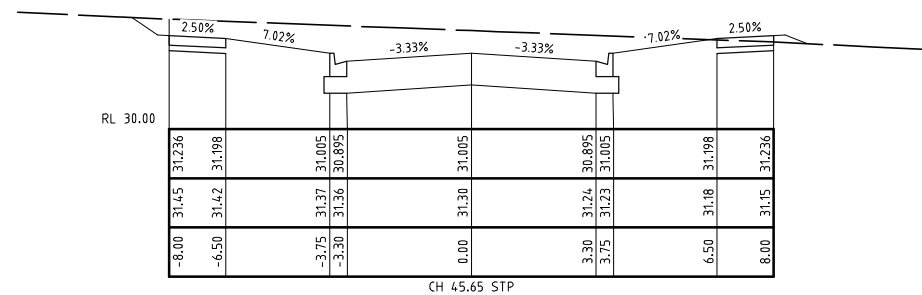
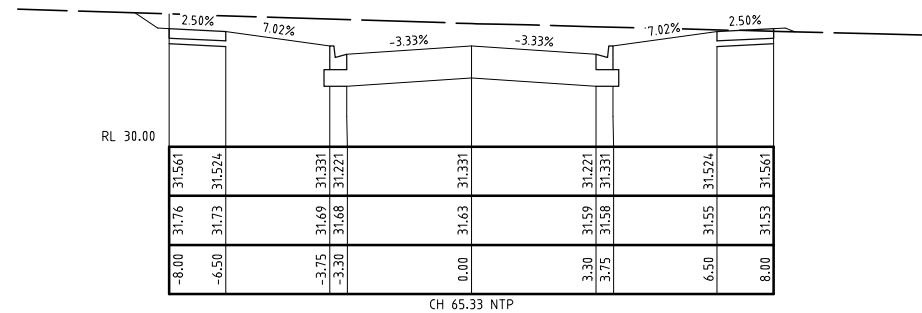
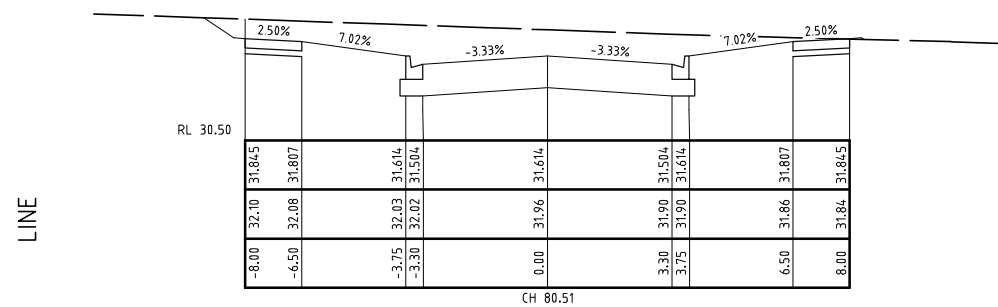
DRIVE

LONGITUDINAL

SECTION

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

AMENDMENTS			<div><div><div></div></div><div>Peter Berry & Associates Pty. Ltd.</div><div>Civil Engineers</div></div> <div>153 Yarra Street Geelong Victoria 3220 Telephone: 5223 2799</div>				
			MELWAY REF.	KINGSTON COAST ESTATE STAGE 5			MUNICIPALITY GREATER GEELONG
	23.08.21	VERSION A (PRELIMINARY)	SURVEYED				REFERENCE 1503 E/5
	DATE	DESCRIPTION	DESIGNED P.J.B.				SHEET 10 OF 26
A1	<div><div>1 : 500 1 : 50</div><div><div>10 5 0 10 20 30</div><div>1 0.5 0 1 2 3</div></div><div>METRES</div></div>	DRAWN C.S.	SCALE AS SHOWN	DATUM AHD	DATE AUG '21		
		CHECKED					

[illegible]

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)

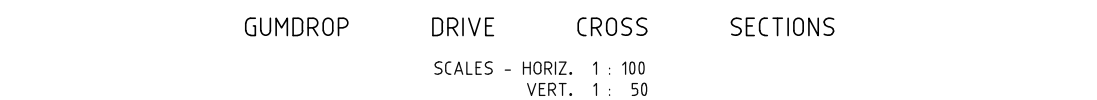
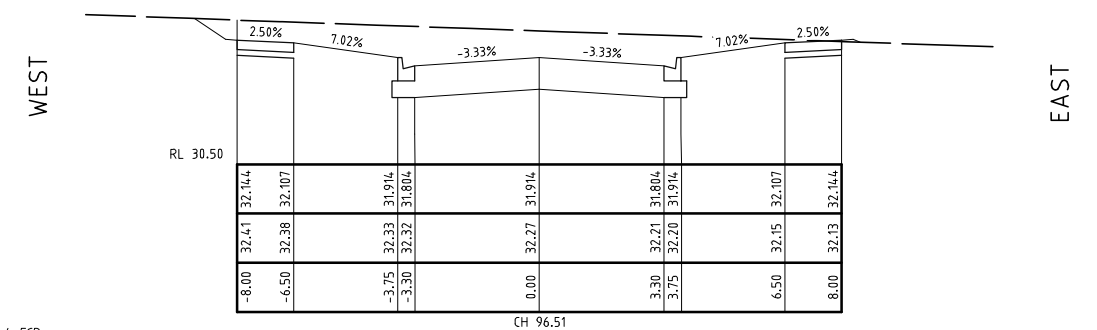
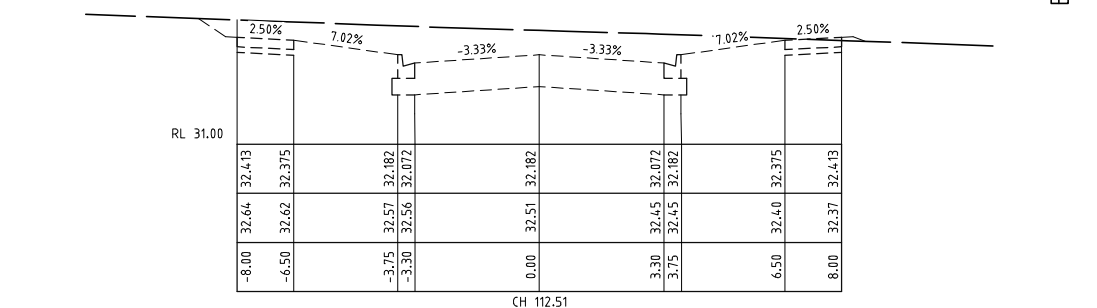
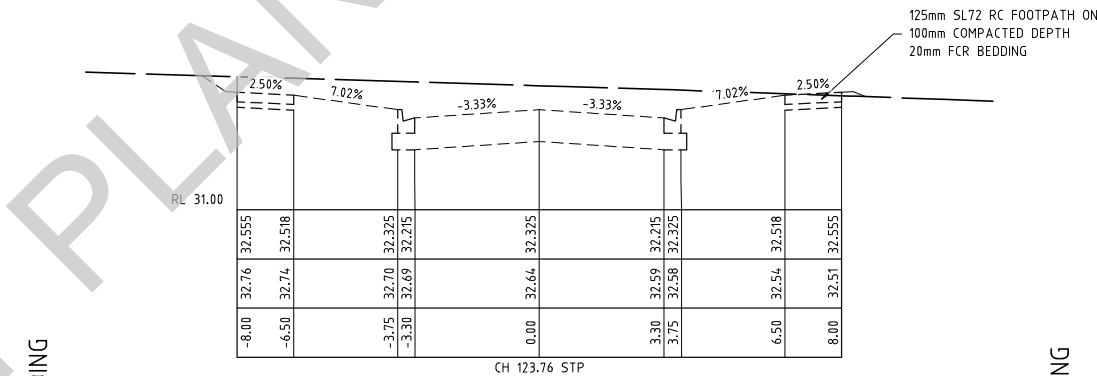
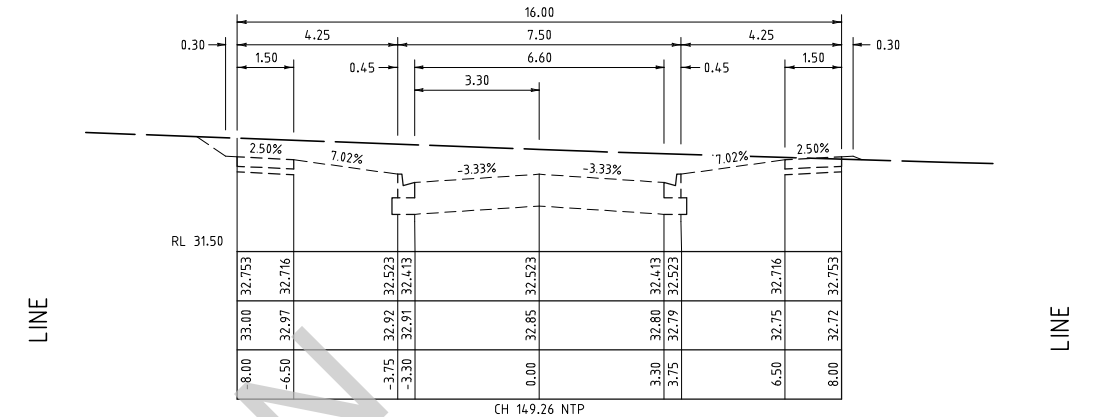
SUBGRADE IMPROVEMENT (IF REQUIRED)

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

e) 200mm DEPTH 3% LIME STABILIZED SUBGRADE EXTENDING 150mm BEHIND KERB, OR


f) 150mm COMPACTED DEPTH OF APPROVED NDCR OR 40mm CLASS 4 FCR

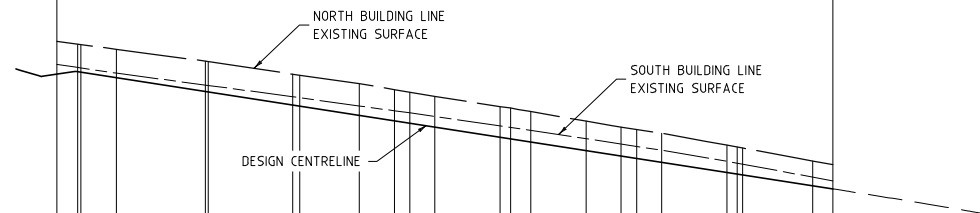
NOTE: BATTER SLOPES ON LOTS SHALL BE A MAXIMUM OF 1 IN 5 FOR FILL AND 1 IN 3 FOR CUT UNLESS OTHERWISE SHOWN.



GUMDROP DRIVE CROSS SECTIONS

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

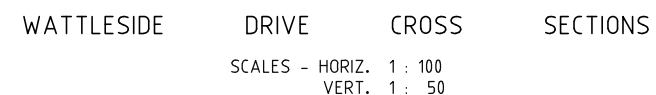
AMENDMENTS			 Peter Berry & Associates Pty. Ltd. Civil Engineers	153 Yarra Street Geelong Victoria 3220 Telephone: 5223 2799					
	23.08.21	VERSION A (PRELIMINARY)	MELWAY REF.	KINGSTON COAST ESTATE STAGE 5					MUNICIPALITY
			SURVEYED						GREATER GEELONG
			DESIGNED P.J.B.						REFERENCE
A1	DESCRIPTION		DRAWN C.S.	<div><div>1 : 5001050102030</div><div>1 : 5010.50123</div><div>METRES</div></div>					1503 E/5
			CHECKED						SHEET 11 OF 26
				CHECKED	SCALE AS SHOWN	DATUM	AHD	DATE	AUG '21




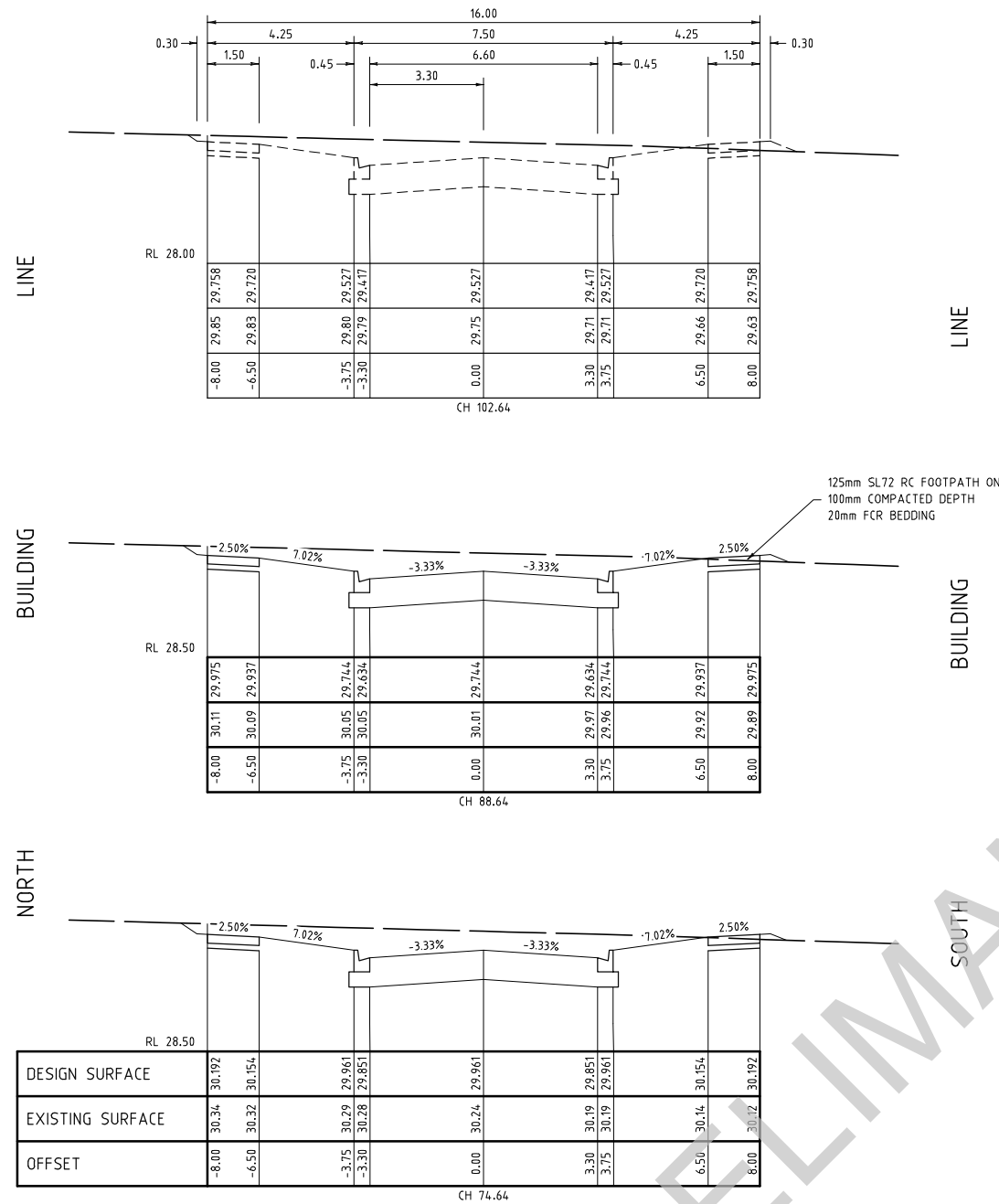
WATTLESIDE DRIVE LONGITUDINAL SECTION

SCALES - HORIZ. 1 : 500
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.



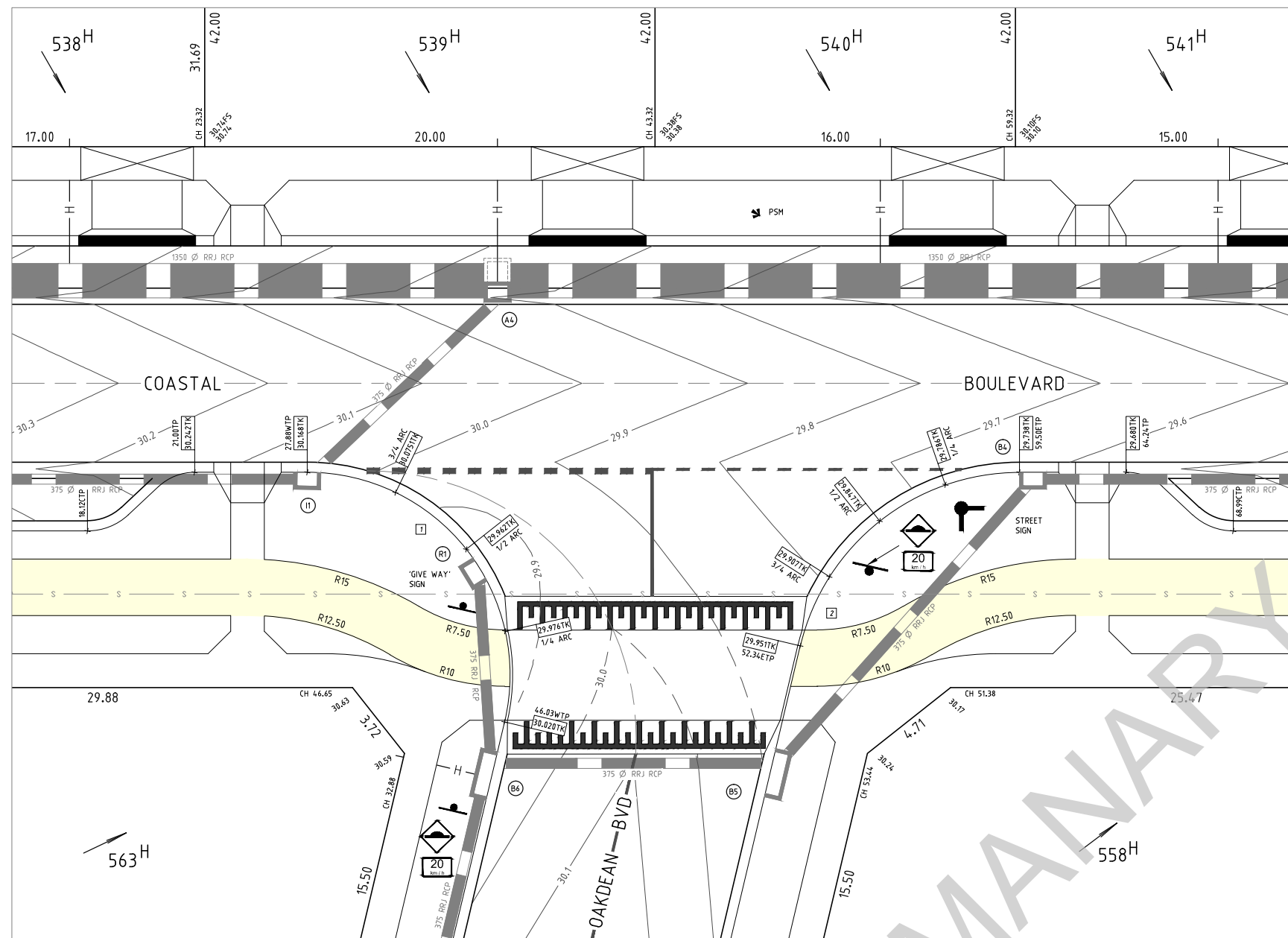
AMENDMENTS				Peter Berry & Associates Pty. Ltd. Civil Engineers				153 Yarra Street Geelong Victoria 3220 Telephone: 5223 2799			
	23.08.21	VERSION A (PRELIMINARY)	MELWAY REF.	KINGSTON COAST ESTATE STAGE 5					MUNICIPALITY		
			SURVEYED						GREATER GEELONG		
			DESIGNED						P.J.B.	REFERENCE	
			DRAWN						C.S.	1503 ^E / ₅	
A1	DESCRIPTION										
	<div>1 : 500 10 5 0 10 20 30 1 : 50 1 0.5 0 1 2 3 METRES</div>			CHECKED	SCALE AS SHOWN	DATUM	AHD	DATE	AUG '21	SHEET	12 OF 26



- 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 STABILIZED SUBGRADE EXTENDING 150mm BEHIND KERB, OR
 - 150mm COMPACTED DEPTH OF APPROVED NDCR OR 40mm CLASS 4 FCR

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

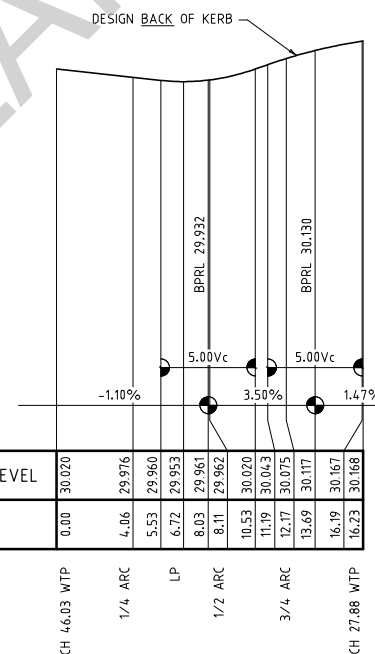
AMENDMENTS			<div><div>PB</div><div>Peter Berry & Associates Pty. Ltd.</div><div>Civil Engineers</div></div>				153 Yarra Street Geelong Victoria 3220 Telephone: 5223 2799			
			MELWAY REF.	KINGSTON COAST ESTATE STAGE 5			MUNICIPALITY			
			SURVEYED				GREATER GEELONG			
	23.08.21	VERSION A (PRELIMINARY)	DESIGNED	P.J.B.	REFERENCE					
	DATE	DESCRIPTION	DRAWN	C.S.	1503 E/5					
A1	<div><div>1 : 500</div><div><div>10</div><div>5</div><div>0</div><div>10</div><div>20</div><div>30</div></div><div>1 : 50</div><div><div>1</div><div>0.5</div><div>0</div><div>1</div><div>2</div><div>3</div></div><div>METRES</div></div>		CHECKED	SCALE AS SHOWN	DATUM	AHD	DATE	AUG '21	SHEET	13 OF 26



INTERSECTION DETAIL

SCALE (A1) 1 : 125

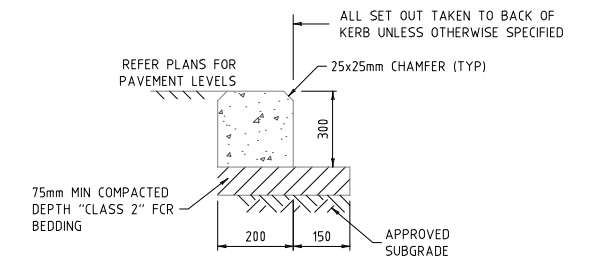
CONTOUR INTERVAL 0.10 m



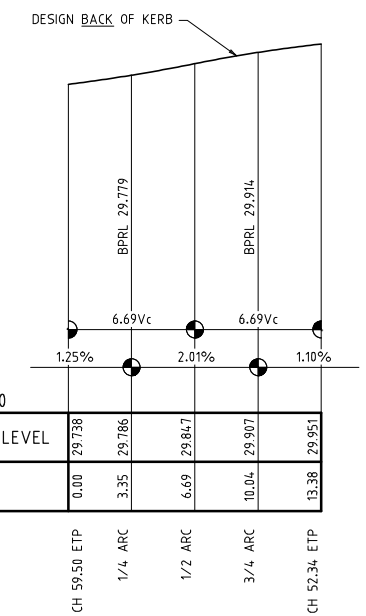
WEST RETURN

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

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

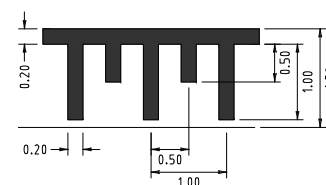


CONCRETE EDGE STRIP SECTION
(NOT TO SCALE)



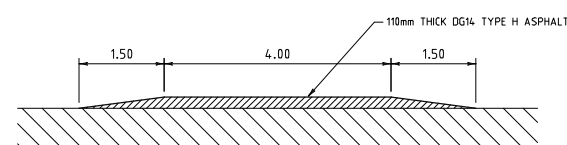
EAST RETURN

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

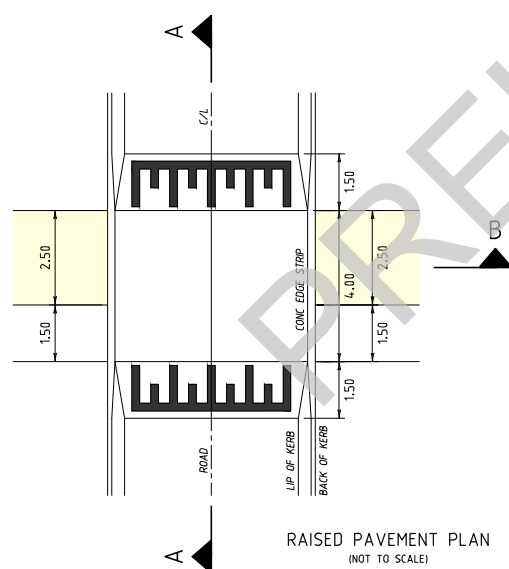


DETAIL
(NOT TO SCALE)

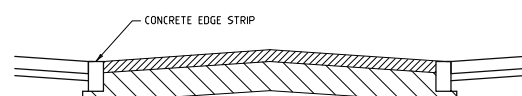
CONTRACTOR IS TO ENSURE RAISED PAVEMENT CROSSING IS ABLE TO DRAIN WATER AWAY EFFECTIVELY



SECTION A-A
(NOT TO SCALE)



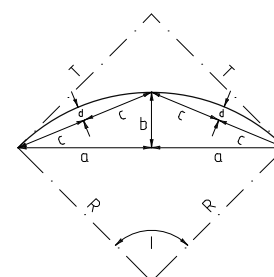
RAISED PAVEMENT PLAN
(NOT TO SCALE)



SECTION B-B
(NOT TO SCALE)

CURVE SETOUT TABLE								
CURVE	RADIUS (m)	I	T	ARC	a	b	c	d
1	9.00	103°19'05"	11.379	16.229	7.059	3.417	3.921	0.899
2	10.00	76°40'55"	7.909	13.384	4.203	2.157	3.284	0.555

NOTE: ALL CURVE RADII LABELLED THIS - 7 ARE TO BACK OF KERB



CURVE SETOUT DETAIL
(NOT TO SCALE)

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.

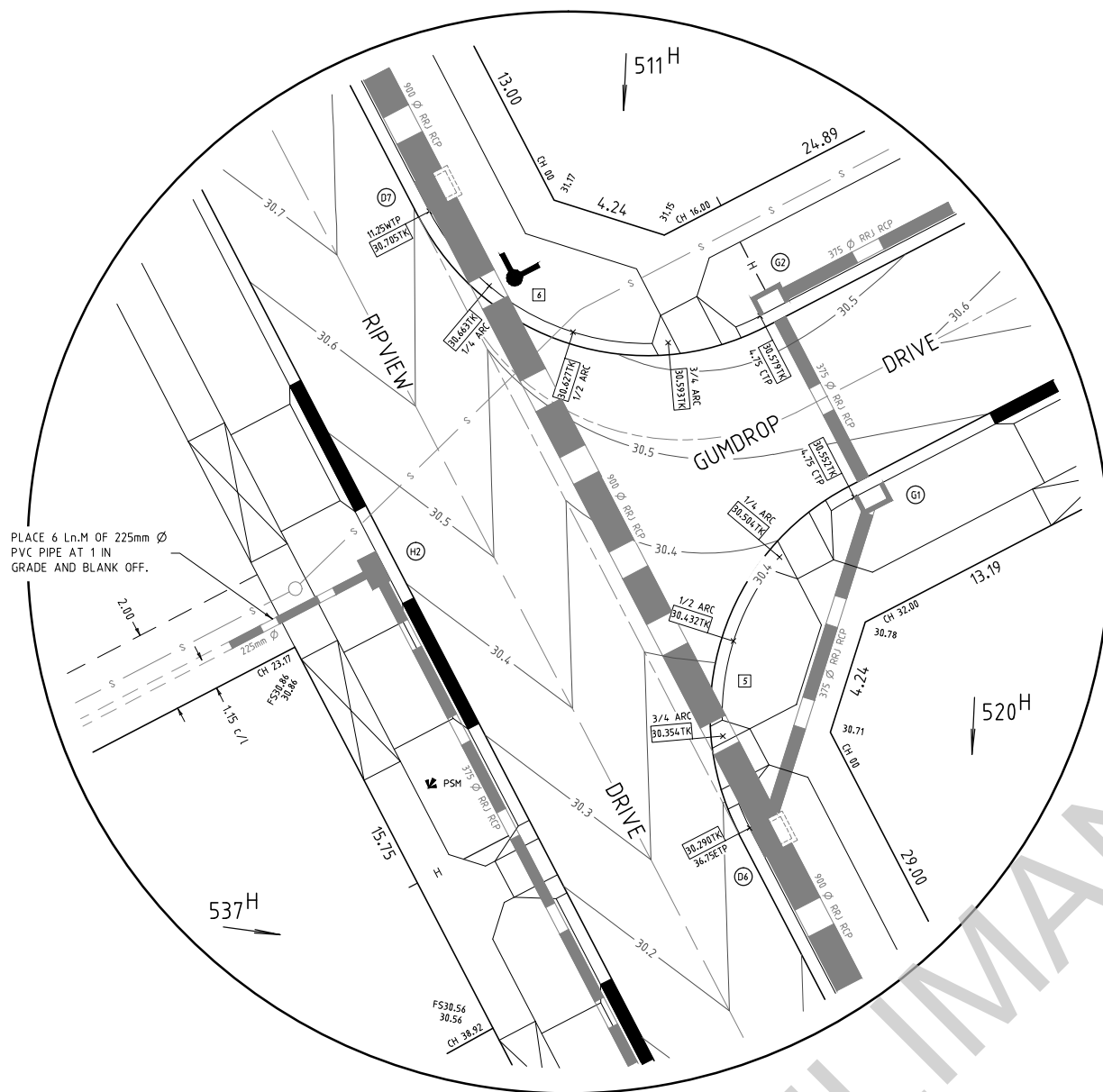
b) CONCRETE PAVEMENT TO BE CAST MONOLITHICALLY.

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

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
OAKDEAN BOULEVARD	1.90 E	2.10 W	2.70 W	2.50 E	4.00

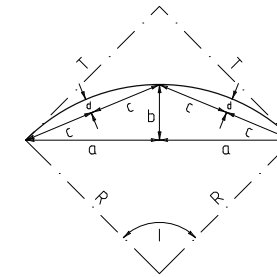
AMENDMENTS			 Peter Berry & Associates Pty. Ltd. Civil Engineers		153 Yarra Street Geelong Victoria 3220 Telephone: 5223 2799			
	23.08.21	VERSION A (PRELIMINARY)	MELWAY REF.	KINGSTON COAST ESTATE STAGE 5			MUNICIPALITY	
	DATE	DESCRIPTION	SURVEYED				GREATER GEELONG	
		DESIGNED P.J.B	REFERENCE					
A1	1 : 200	4	2	0	4	8	12	METRES
	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	
	CHECKED	SCALE AS SHOWN		DATUM	AHD	DATE	AUG '21	SHEET 14 OF 26



INTERSECTION DETAIL

SCALE (A1) 1 : 125

CONTOUR INTERVAL 0.05 m



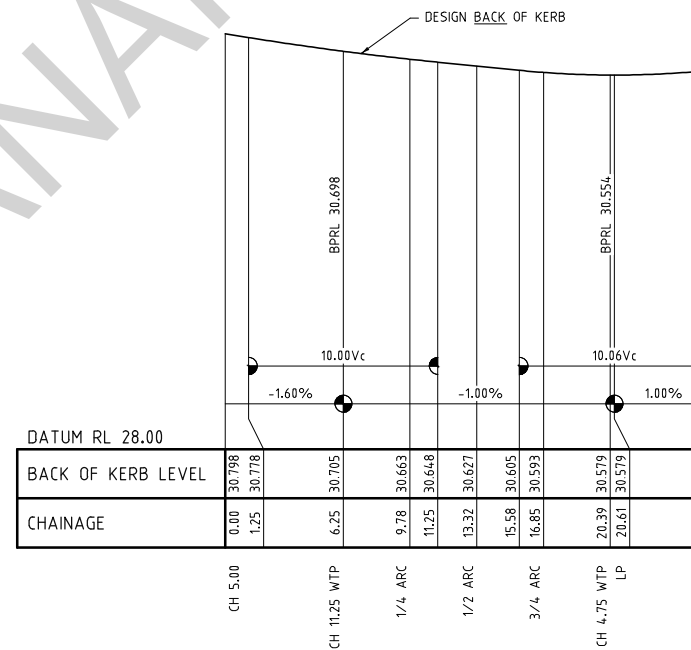
CURVE SETOUT DETAIL

(NOT TO SCALE)

CURVE SETOUT TABLE

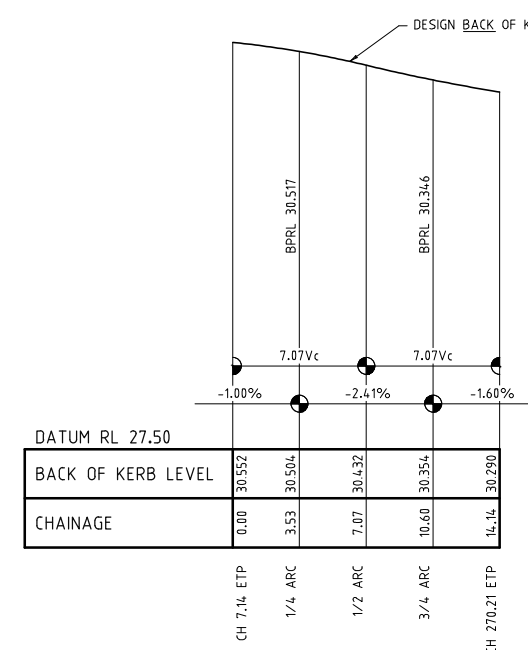
CURVE	RADIUS (m)	I	T	ARC	a	b	c	d
5	9.00	90°00'00"	9.000	14.137	6.364	2.636	3.444	0.685
6	9.00	90°00'00"	9.000	14.137	6.364	2.636	3.444	0.685

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



WEST RETURN

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



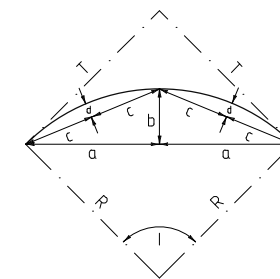
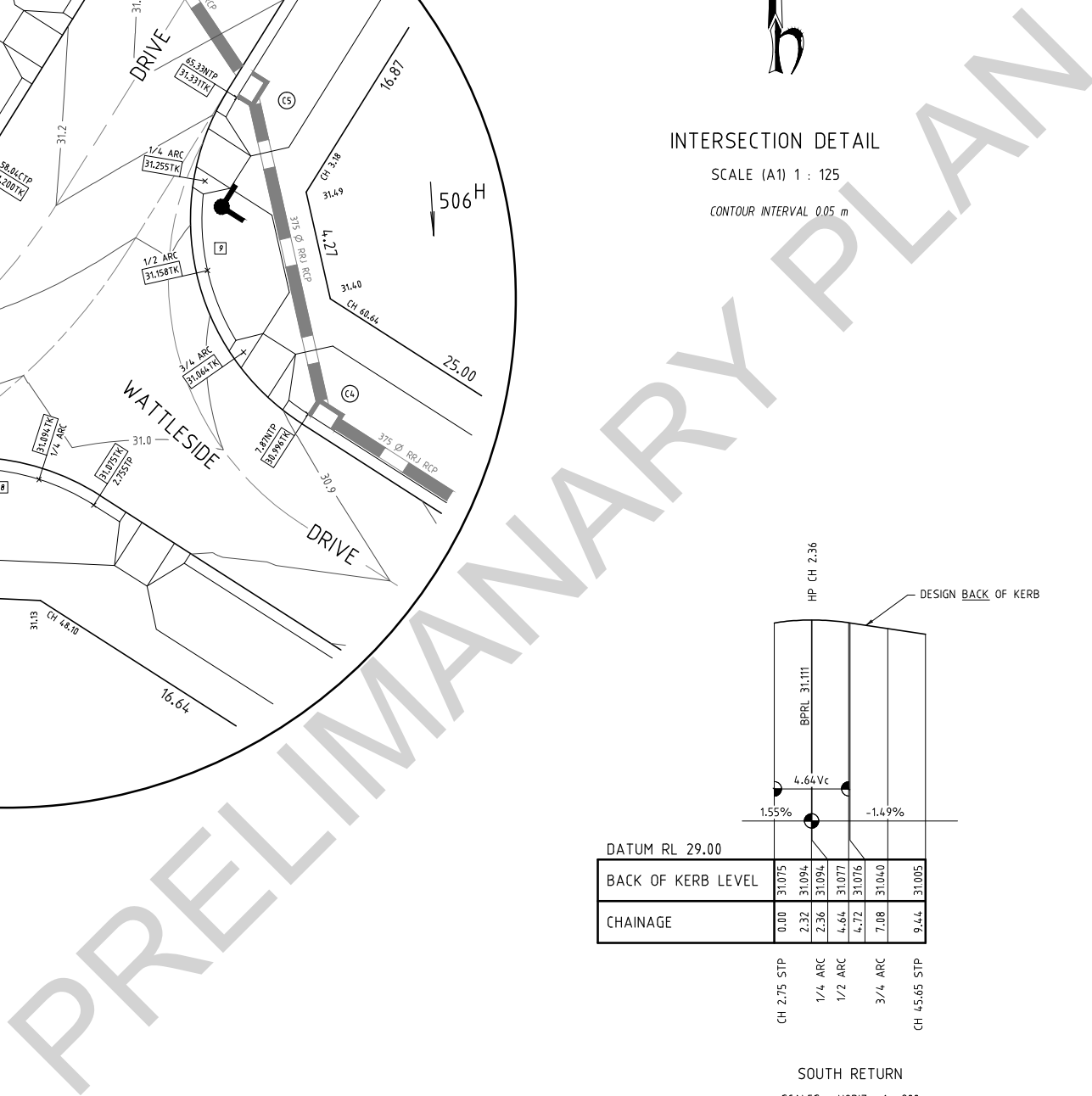
EAST RETURN

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

SERVICES LOCATION SCHEDULE

STREET NAME	TELECOM	GAS	WATER	ELECTRICITY	KERB
RIPVIEW DRIVE	1.90 S	2.10 N	2.70 N	2.50 S	4.25
GUMDROP DRIVE	1.90 E	2.10 W	2.70 W	2.50 E	4.25

AMENDMENTS		Peter Berry & Associates Pty. Ltd. Civil Engineers	153 Yarra Street Geelong Victoria 3220 Telephone: 5223 2799				
			MELWAY REF.	KINGSTON COAST ESTATE STAGE 5	MUNICIPALITY GREATER GEELONG		
			SURVEYED		REFERENCE 1503 E/5		
			DESIGNED P.J.B.		SHEET 15 OF 26		
	DATE	DESCRIPTION	DRAWN C.S.	CHECKED	SCALE AS SHOWN	DATUM AHD	DATE AUG '21
A1	1:200 4 2 0 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						



INTERSECTION DETAIL

SCALE (A1) 1 : 125

CONTOUR INTERVAL 0.05 m

CURVE	RADIUS (m)	l	T	ARC	a	b	c	d
7	16.25	30°36'19"	4.446	6.680	4.289	0.576	2.164	0.145
8	9.00	60°05'51"	5.206	9.444	4.507	1.210	2.333	0.308
9	9.00	89°17'50"	8.890	14.027	6.325	2.597	3.419	0.675

HP CH 2.36

DESIGN BACK OF KERB

BP RL 31.111

4.64 Vc

1.55%

DATUM RL 29.00

BACK OF KERB LEVEL

CHAINAGE

0.00	31.075
2.32	31.094
2.36	31.094
4.64	31.077
4.72	31.076
7.08	31.040
9.44	31.005

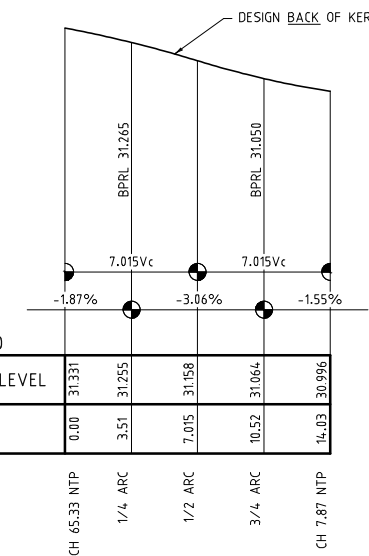
CH 2.75 STP

1/4 ARC

1/2 ARC



3/4 ARC

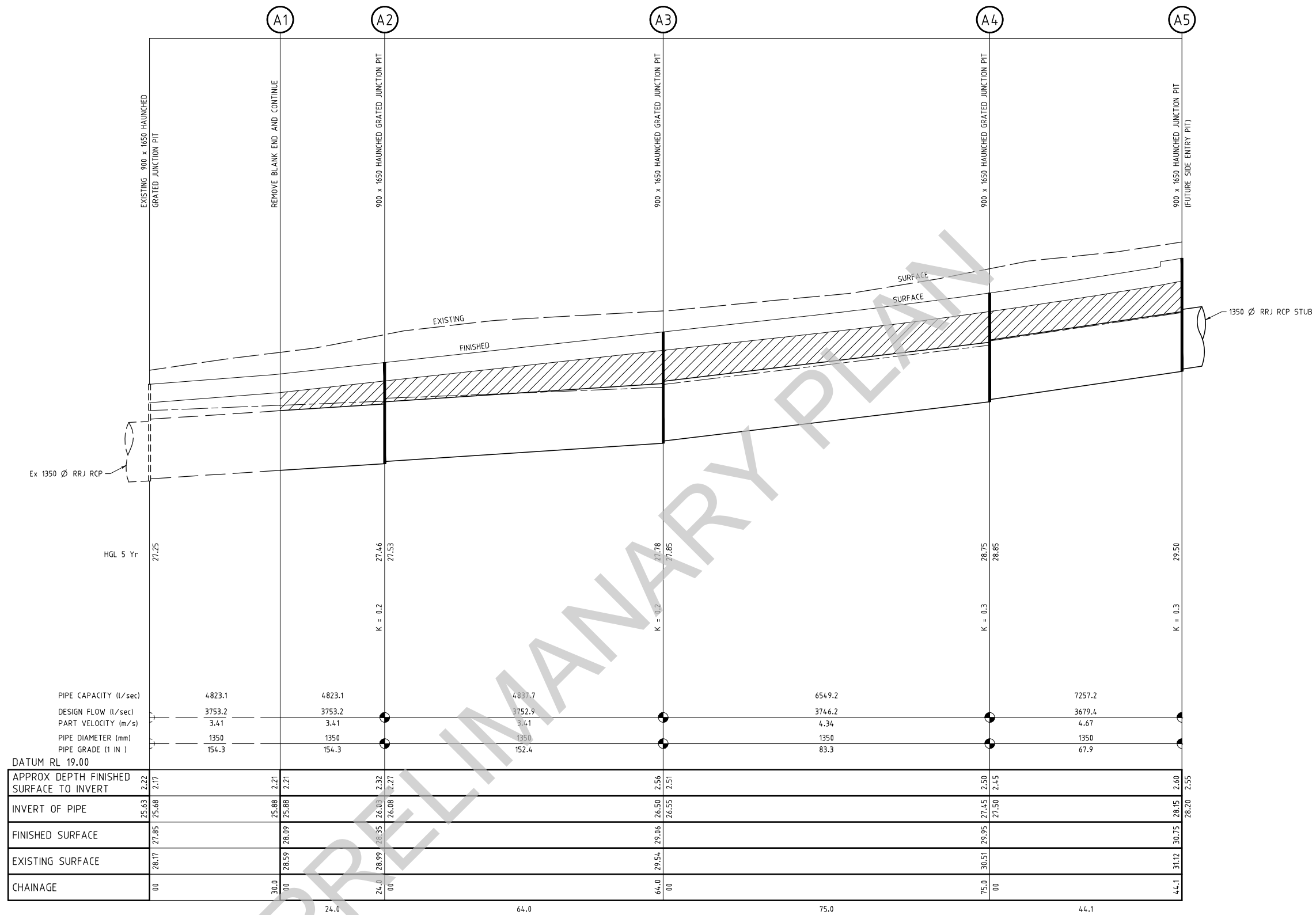
CH 45.65 STP



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

STREET NAME	TELECOM	GAS	WATER	ELECTRICITY	KERB
GUMDROP DRIVE	1.90 E	2.10 W	2.70 W	2.50 E	4.25
WATTLESIDE DRIVE	1.90 S	2.10 N	2.70 N	2.50 S	4.25

AMENDMENTS			 Peter Berry & Associates Pty. Ltd. Civil Engineers	153 Yarra Street Geelong Victoria 3220 Telephone: 5223 2799				
	23.08.21	VERSION A (PRELIMINARY)		MELWAY REF.	KINGSTON COAST ESTATE STAGE 5			MUNICIPALITY GREATER GEELONG
	DATE	DESCRIPTION		SURVEYED				REFERENCE
	A1	<div>1 : 200 4 2 0 4 8 12 1,25 0 2,5 5 7,5  METRES</div>		DESIGNED P.J.B				DRAWN C.S.
			CHECKED	SCALE AS SHOWN	DATUM	AHD	DATE AUG '21	SHEET 16 OF 26

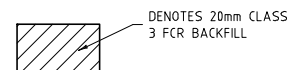


DRAINAGE


LONGITUDINAL

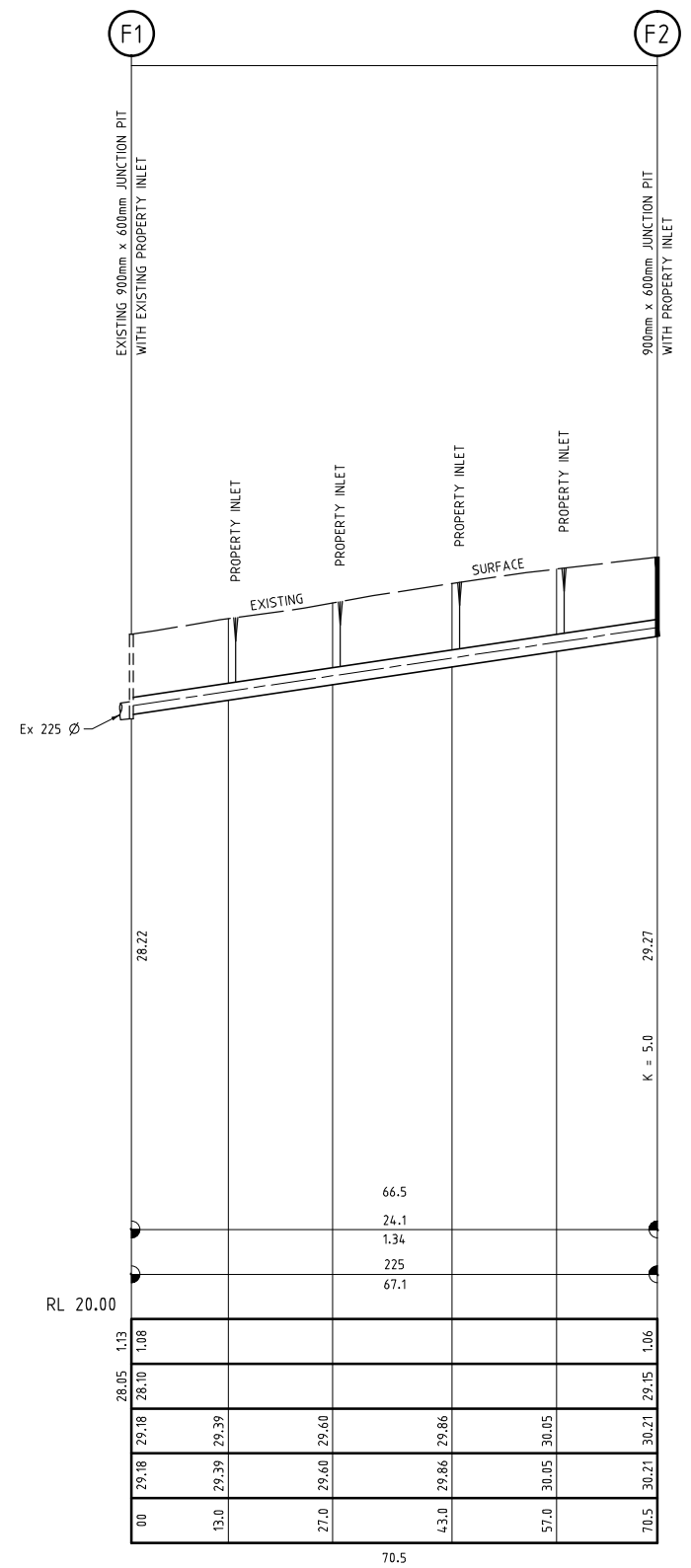
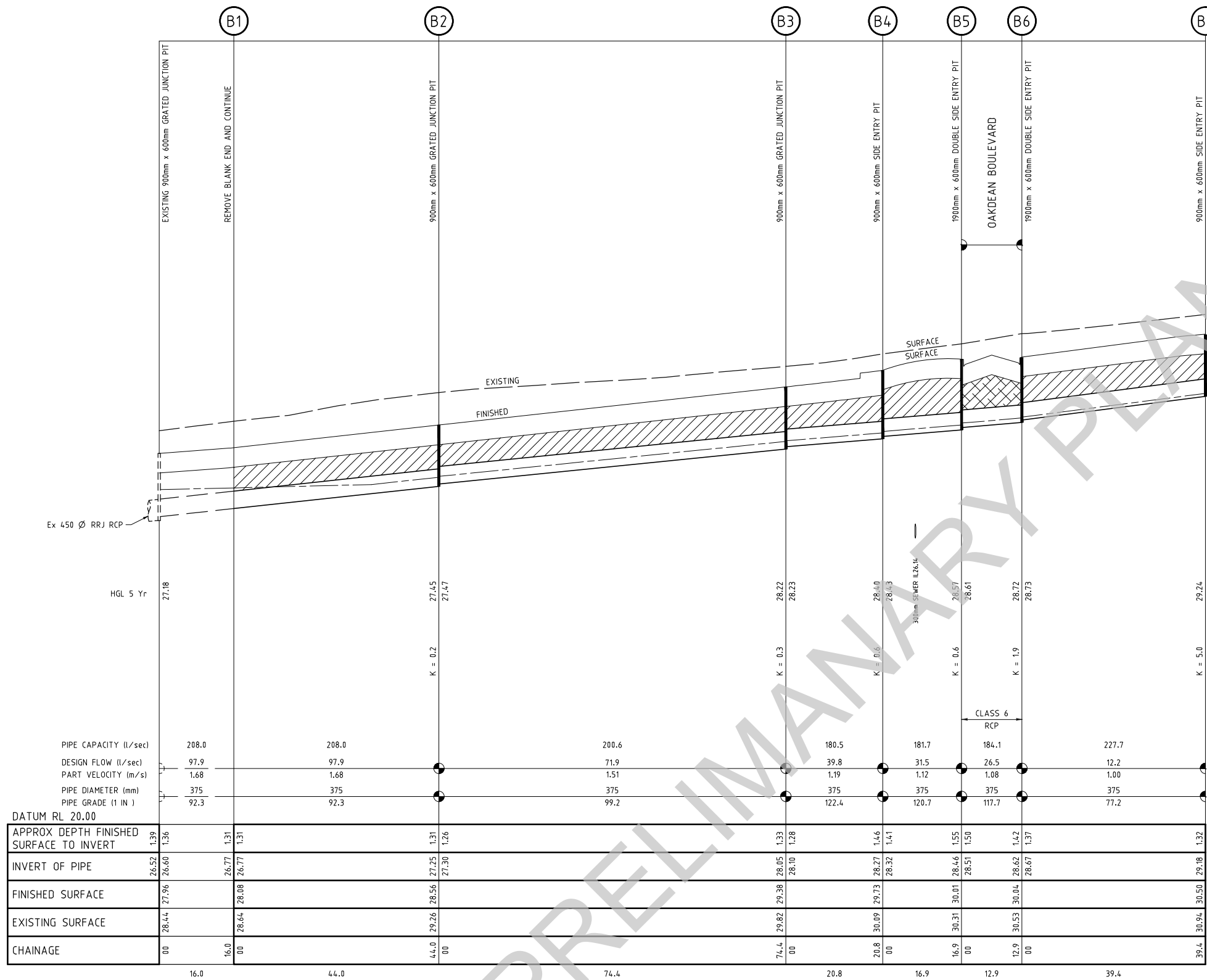
SECTION

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.

AMENDMENTS				Peter Berry & Associates Pty. Ltd.			153 Yarra Street Geelong Victoria 3220 Telephone: 5223 2799			
										Civil Engineers
	23.08.21	VERSION A (PRELIMINARY)								
A1	DATE	DESCRIPTION	MELWAY REF.	KINGSTON COAST ESTATE STAGE 5			MUNICIPALITY			
			SURVEYED				GREATER GEELONG			
			DESIGNED P.J.B				REFERENCE			
			DRAWN C.S.				1503 E/5			
	1 : 500	10 5 0 10 20 30	CHECKED	SCALE AS SHOWN	DATUM	AHD	DATE	AUG '21	SHEET	17 OF 26
	1 : 50	1 0.5 0 1 2 3								
	METRES									



DRAINAGE

LONGITUDINAL

SECTIONS

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



DENOTES 20mm CLASS 3 FCR BACKFILL

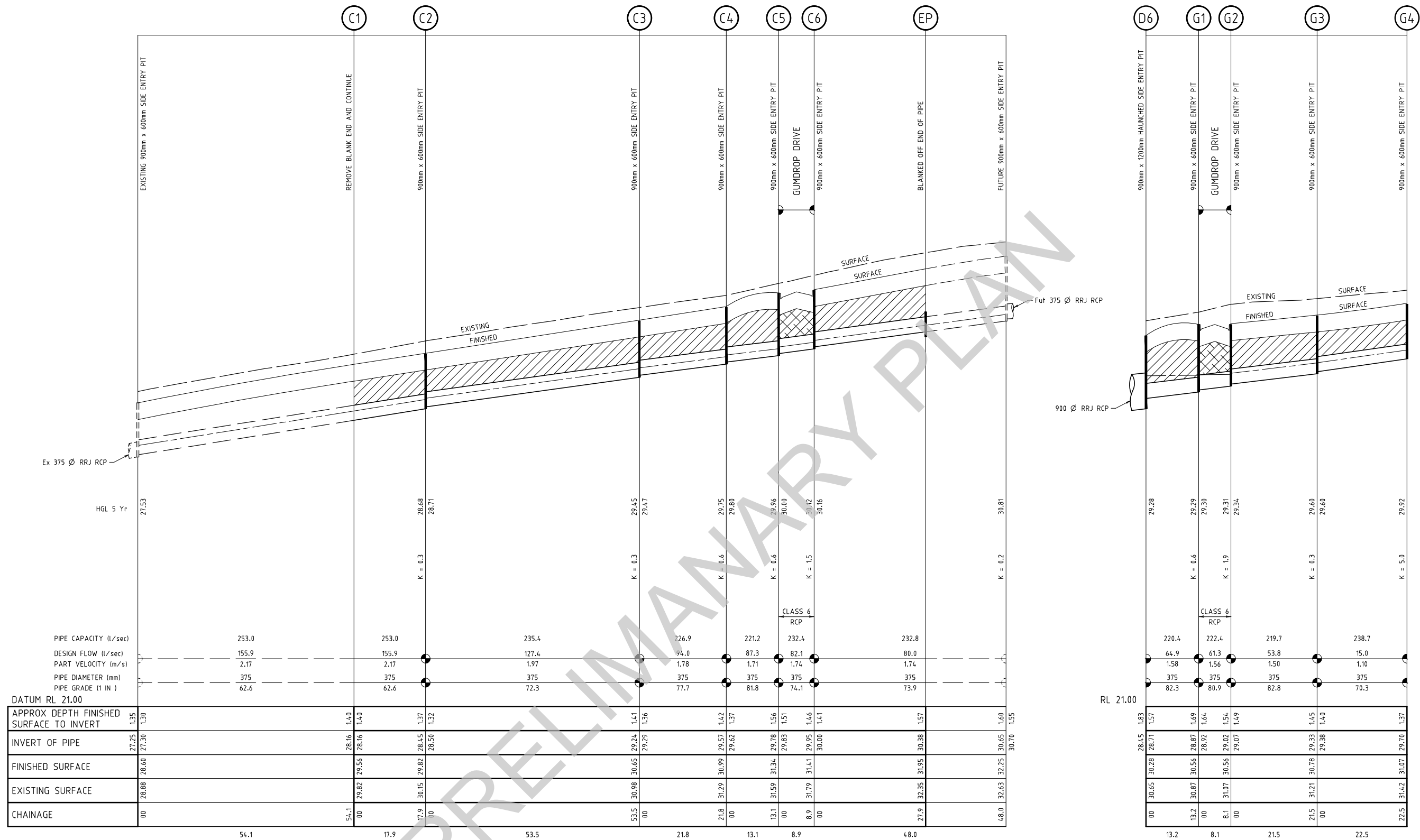


DENOTES 2% STABILIZED SAND FROM THE BOTTOM OF PIPE TO THE SPRINGLINE WITH 20mm CLASS 3 FCR PLACED FROM THE SPRINGLINE TO SUBBASE MATERIAL.

NOTE

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

AMENDMENTS			Peter Berry & Associates Pty. Ltd. Civil Engineers 153 Yarra Street Geelong Victoria 3220 Telephone: 5223 2799	MUNICIPALITY GREATER GEELONG
	23.08.21	VERSION A (PRELIMINARY)		
	DATE	DESCRIPTION		
A1	1 : 500	10 5 0 10 20 30	KINGSTON COAST ESTATE STAGE 5	REFERENCE 1503 E/5
	1 : 50	1 0.5 0 1 2 3		
CHECKED		SCALE AS SHOWN	DATUM AHD	DATE AUG '21
		SHEET 18 OF 26		



DRAINAGE

LONGITUDINAL

SECTIONS

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




DENOTES 20mm CLASS 3 FCR BACKFILL

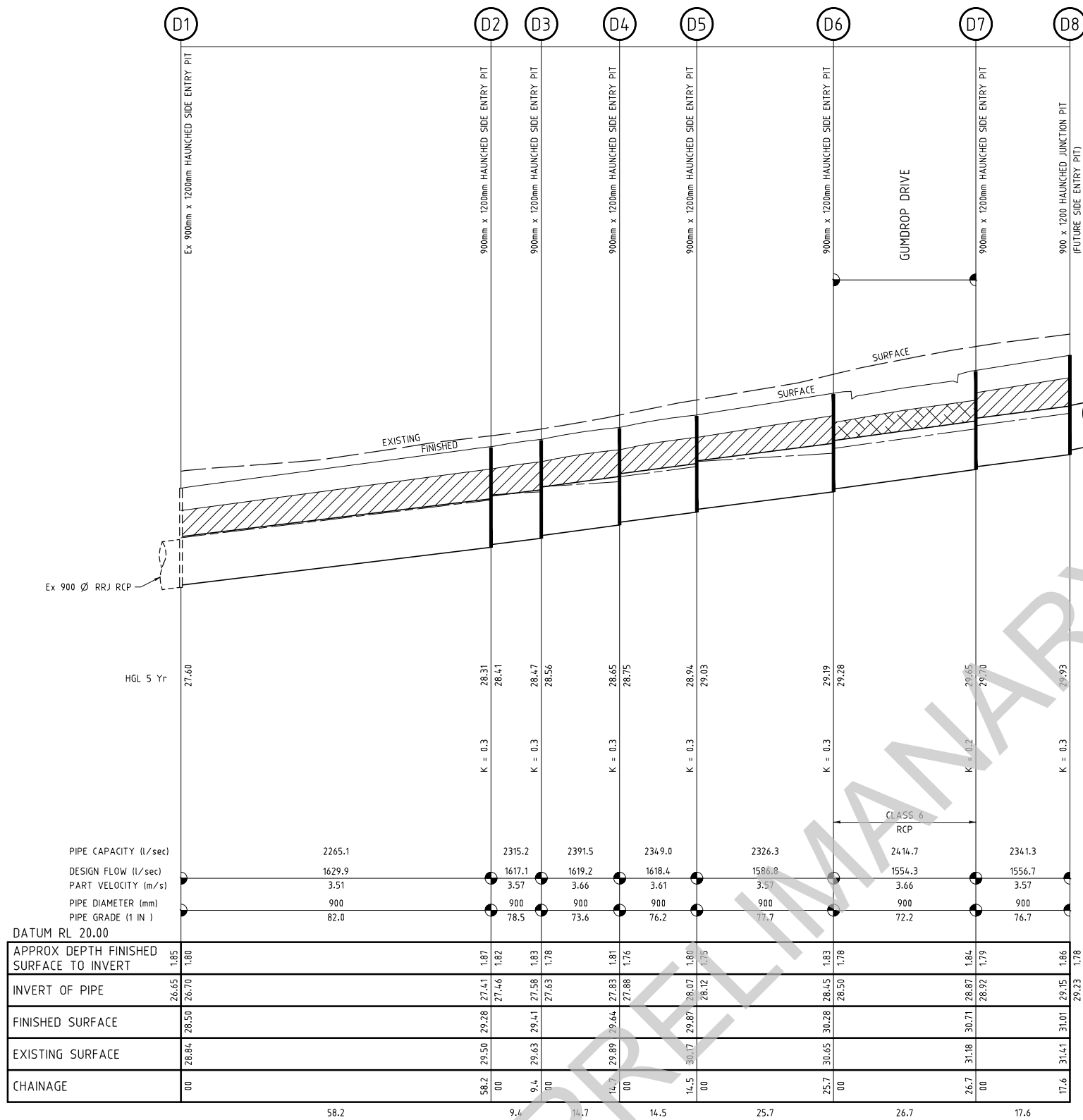


DENOTES 2% STABILIZED SAND FROM THE BOTTOM OF PIPE TO THE SPRINGLINE WITH 20mm CLASS 3 FCR PLACED FROM THE SPRINGLINE TO SUBBASE MATERIAL.

NOTE

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

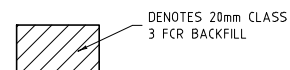
AMENDMENTS			<div></div> <div>Peter Berry & Associates Pty. Ltd.</div> <div>Civil Engineers</div>	<div>153 Yarra Street</div> <div>Geelong Victoria 3220</div> <div>Telephone: 5223 2799</div>					
	23.08.21	VERSION A (PRELIMINARY)	MELWAY REF.	KINGSTON COAST ESTATE STAGE 5				MUNICIPALITY	
			SURVEYED					GREATER GEELONG	
	DATE	DESCRIPTION	DESIGNED P.J.B					REFERENCE	
			DRAWN C.S.					1503 ^E / ₅	
A1	<div>1 : 500</div> <div>1 : 50</div> <div><div><div>10</div><div>5</div><div>0</div><div>10</div><div>20</div><div>30</div></div></div> <div>METRES</div>		CHECKED	SCALE AS SHOWN	DATUM	AHD	DATE	AUG '21	SHEET 19 OF 26



DRAINAGE

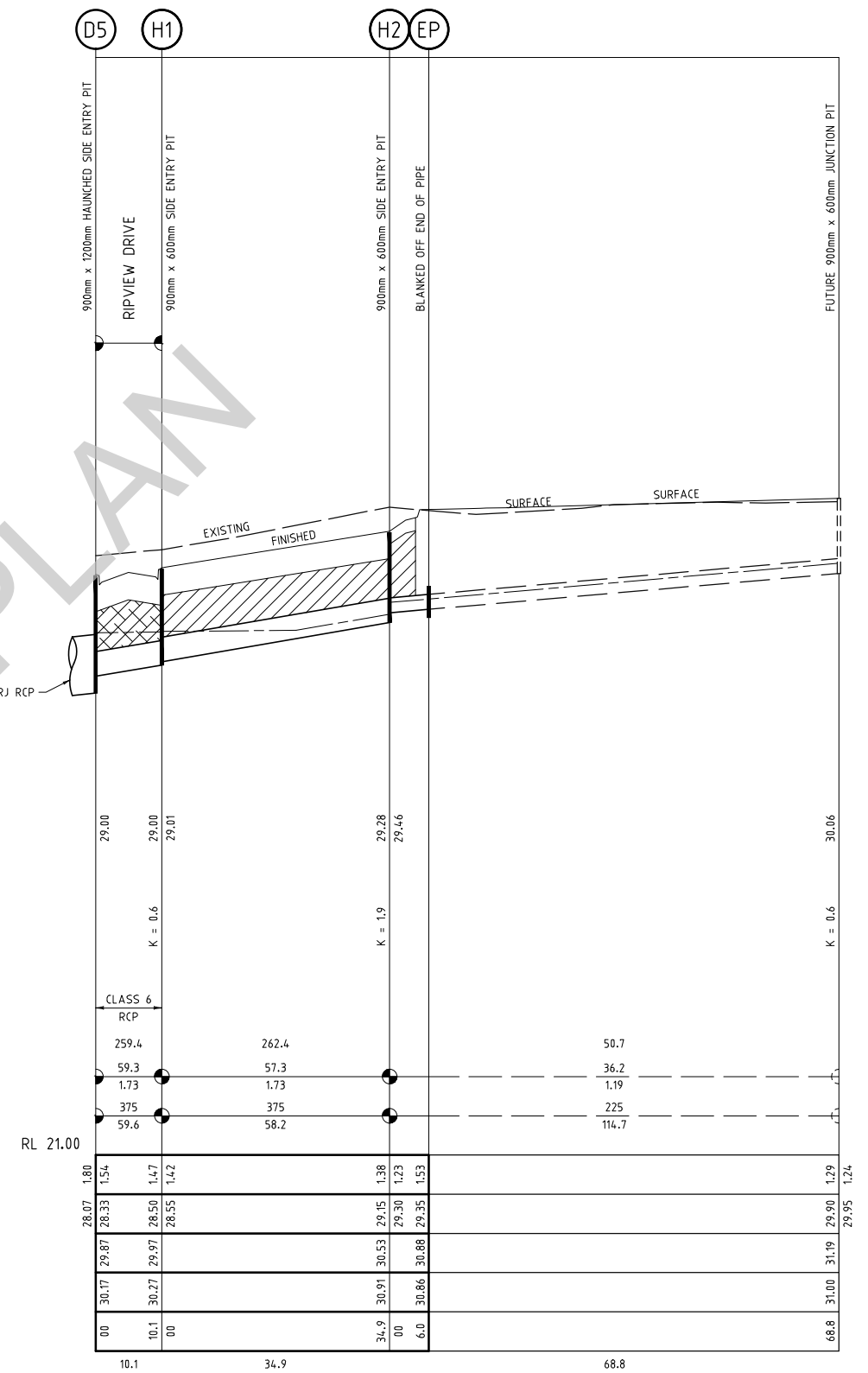
LONGITUDINAL

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





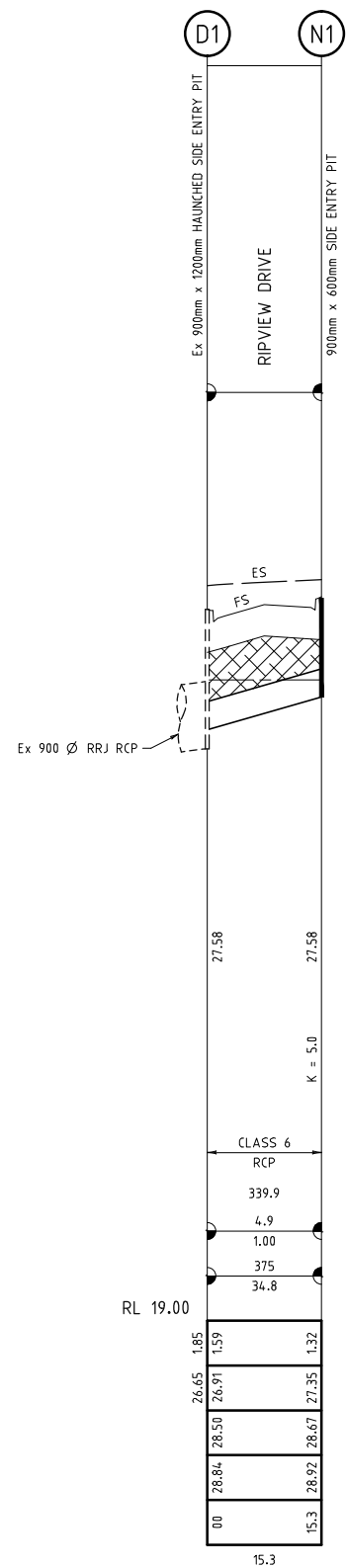
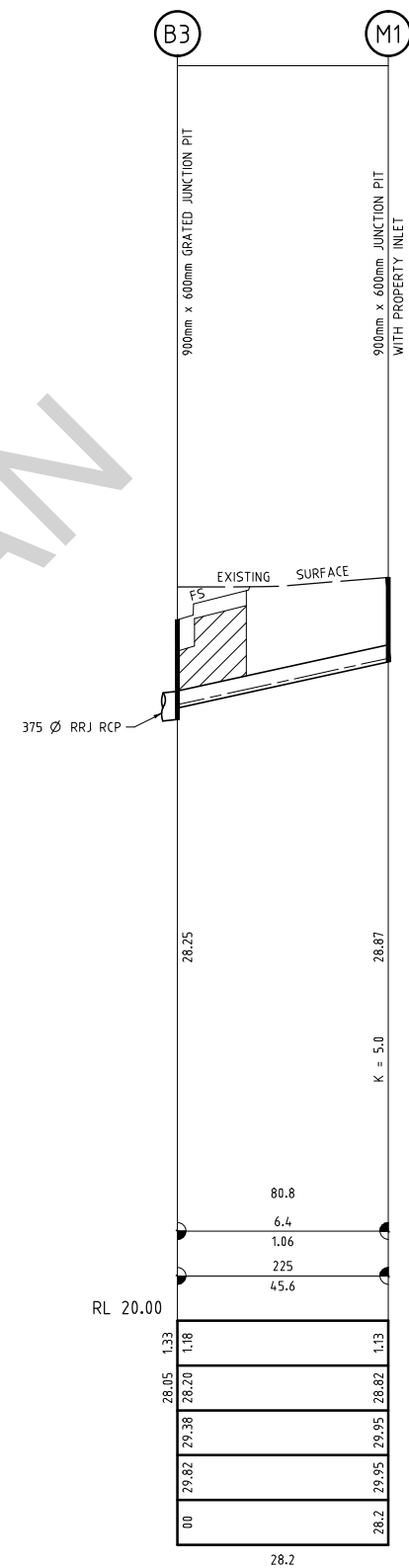
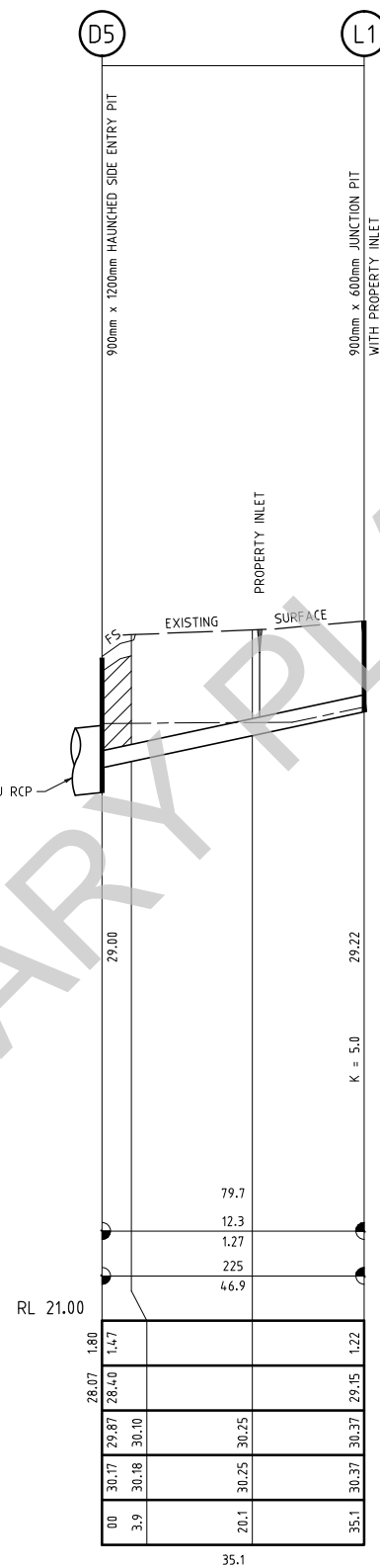
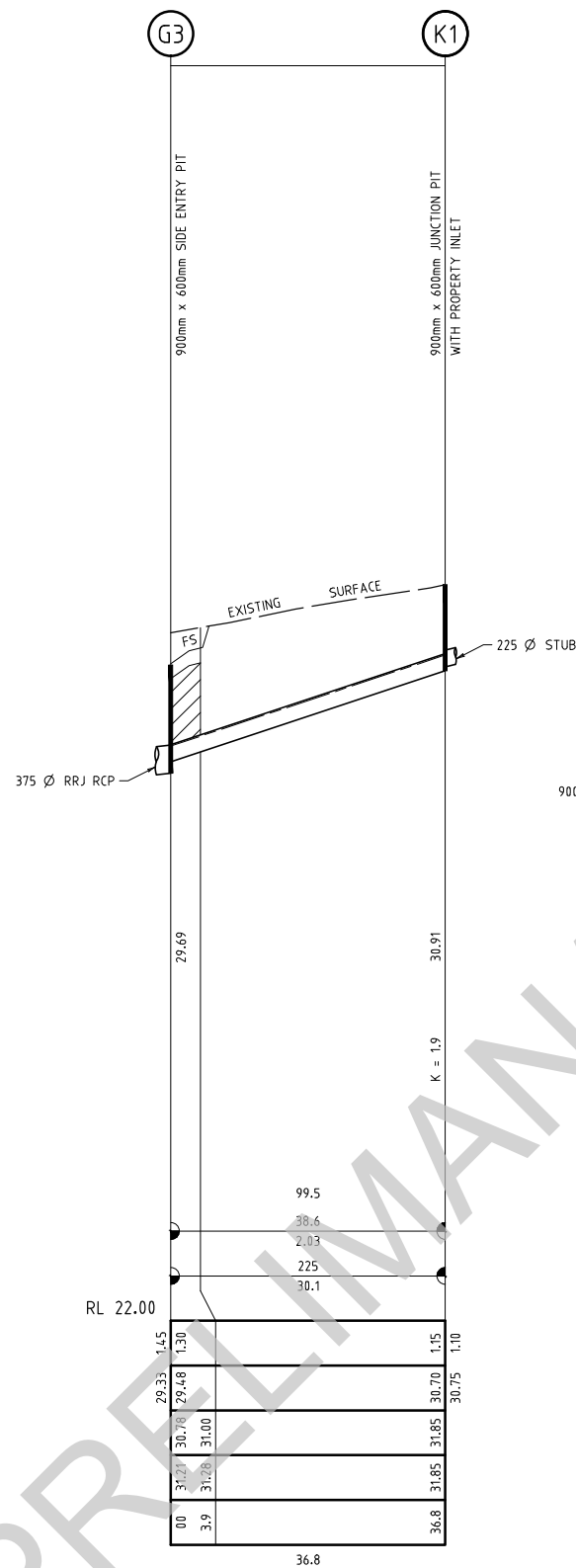
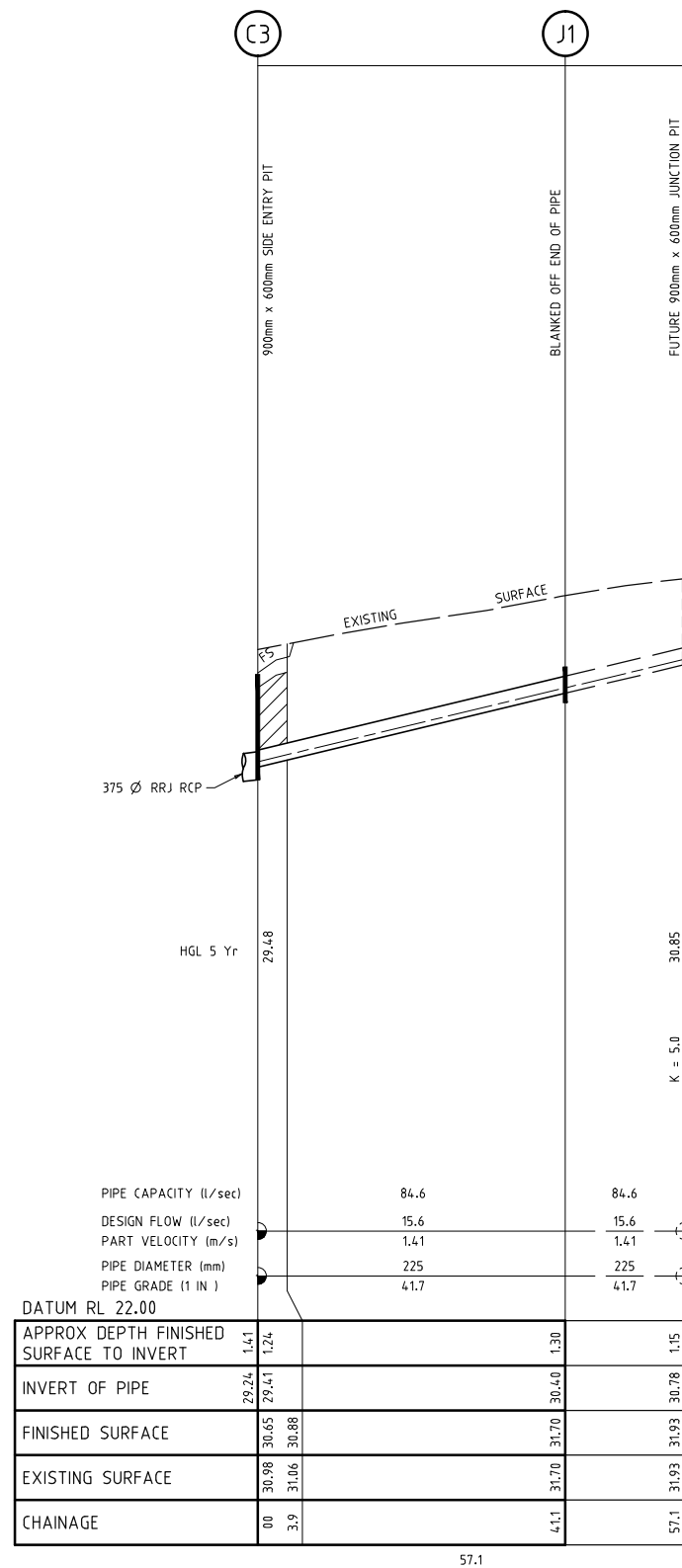
NOTE

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



SECTIONS

AMENDMENTS			 Peter Berry & Associates Pty. Ltd.				153 Yarra Street					
			Civil Engineers				Geelong Victoria 3220					
							Telephone: 5223 2799					
			MELWAY REF.				KINGSTON COAST ESTATE STAGE 5					
			SURVEYED								MUNICIPALITY GREATER GEELONG	
23.08.21	VERSION A (PRELIMINARY)		DESIGNED		P.J.B		REFERENCE 1503 E/5					
DATE	DESCRIPTION		DRAWN		C.S.						SHEET 20 OF 26	
A1	1 : 500 1 : 50		 METRES		CHECKED		SCALE AS SHOWN		DATUM AHD			



DRAINAGE

LONGITUDINAL

SECTIONS

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




DENOTES 20mm CLASS 3 FCR BACKFILL

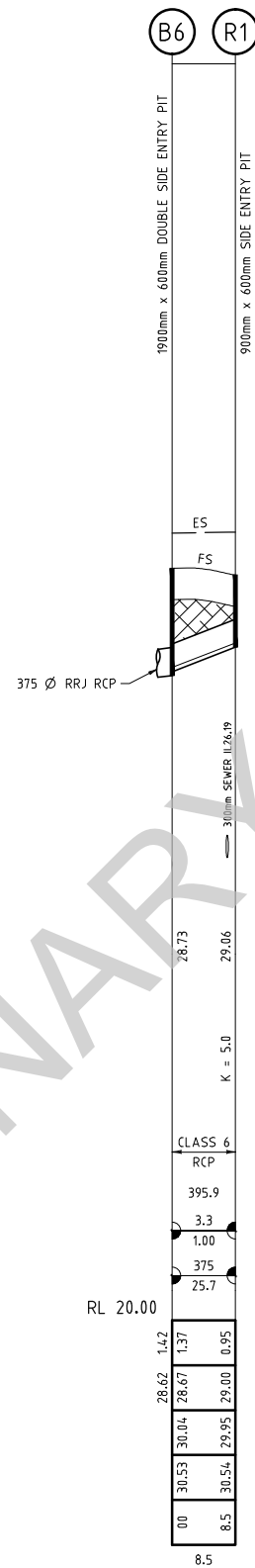
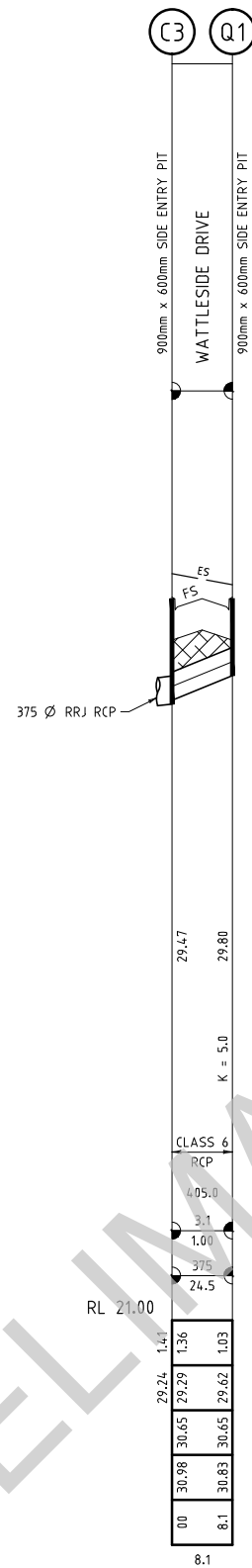
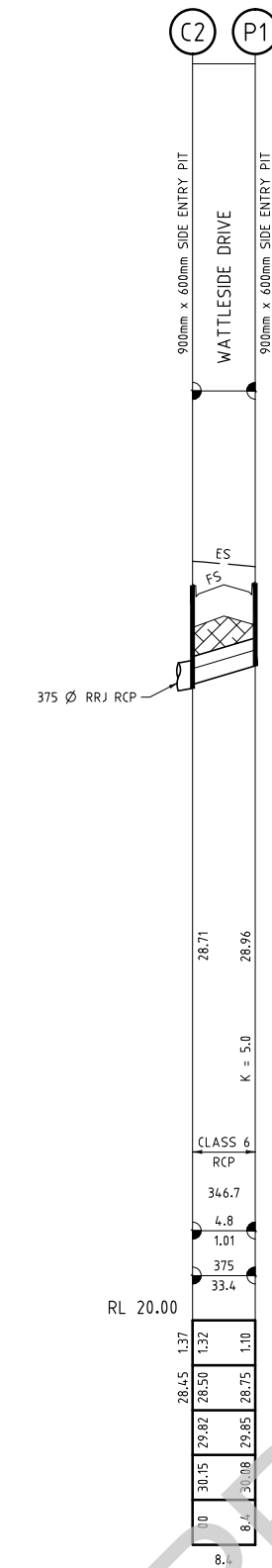
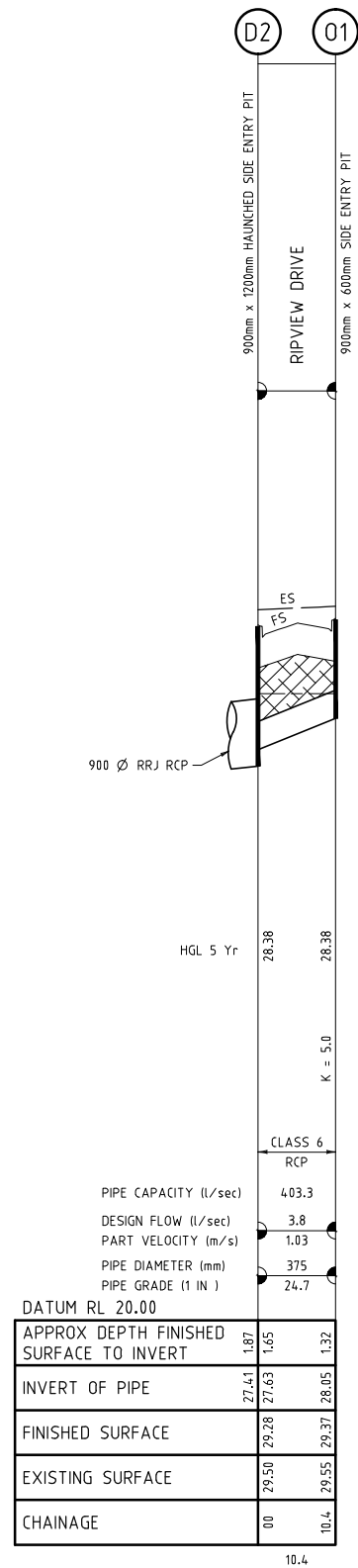


DENOTES 2% STABILIZED SAND FROM THE BOTTOM OF PIPE TO THE SPRINGLINE WITH 20mm CLASS 3 FCR PLACED FROM THE SPRINGLINE TO SUBBASE MATERIAL.

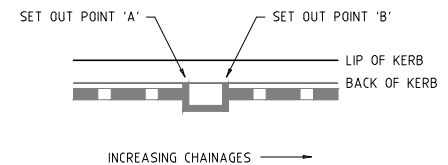
NOTE

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

AMENDMENTS			<div></div> <div>Peter Berry & Associates Pty. Ltd.</div> <div>Civil Engineers</div>	<div>153 Yarra Street</div> <div>Geelong Victoria 3220</div> <div>Telephone: 5223 2799</div>						
	23.08.21	VERSION A (PRELIMINARY)	MELWAY REF.	KINGSTON COAST ESTATE STAGE 5			MUNICIPALITY			
			SURVEYED				GREATER GEELONG			
DATE	DESCRIPTION	DESIGNED	P.J.B				REFERENCE			
A1			DRAWN	C.S.				1503 E/5		
	<div><div>1 : 500</div><div><div>10</div><div>5</div><div>0</div><div>10</div><div>20</div><div>30</div></div><div>1 : 50</div><div><div>1</div><div>0.5</div><div>0</div><div>1</div><div>2</div><div>3</div></div><div>METRES</div></div>		CHECKED	SCALE AS SHOWN	DATUM	AHD	DATE	AUG '21	SHEET	22 OF 26



PIT SETOUT SCHEDULE				
PIT No	POINT 'A' E	POINT 'A' N	POINT 'B' E	POINT 'B' N
A2	2366.71	811.64	2367.47	811.15
A3	2312.83	846.17	2313.58	845.68
A4	2249.68	886.63	2250.43	886.15
A5	2212.55	910.42	2213.30	909.94
B2	2345.08	814.94	2345.83	814.45
B3	2282.42	855.09	2283.17	854.60
B4	2265.22	866.82	2265.97	866.33
B5	2247.91	860.99	2249.27	862.31
B6	2237.41	867.54	2238.78	868.86
B7	2209.83	840.88	2210.48	841.50
C2	2460.66	950.86	2461.42	950.37
C3	2415.64	979.70	2416.40	979.22
C4	2397.32	991.44	2398.08	990.96
C5	2394.49	1003.99	2394.97	1004.75
C6	2390.06	1011.06	2390.54	1011.83
C7	2404.82	1035.30	C/L	PIPE
D2	2376.45	905.19	2377.18	904.67
D3	2369.13	911.17	2369.79	910.56
D4	2359.22	922.12	2359.76	921.41
D5	2351.59	934.50	2352.00	933.70
D6	2339.77	957.26	2340.18	956.46
D7	2327.46	980.95	2327.88	980.16
D8	2319.35	996.57	2319.76	995.78
G1	2343.67	969.60	2344.47	970.01
G2	2340.21	976.25	2341.01	976.67
G3	2359.33	986.18	2360.12	986.60
G4	2379.28	996.63	2380.02	997.14
H1	2342.13	936.43	2342.55	935.63
H2	2326.04	967.41	2326.45	966.61
I1	2238.09	884.20	2238.84	883.70
I2	2215.60	898.61	2216.35	898.13
N1	2410.46	874.35	2411.22	873.86
O1	2366.73	903.28	2367.42	902.70
P1	2454.88	945.65	2455.64	945.16
Q1	2411.59	973.38	2412.35	972.90
R1	2242.59	875.74	2242.61	876.64



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.

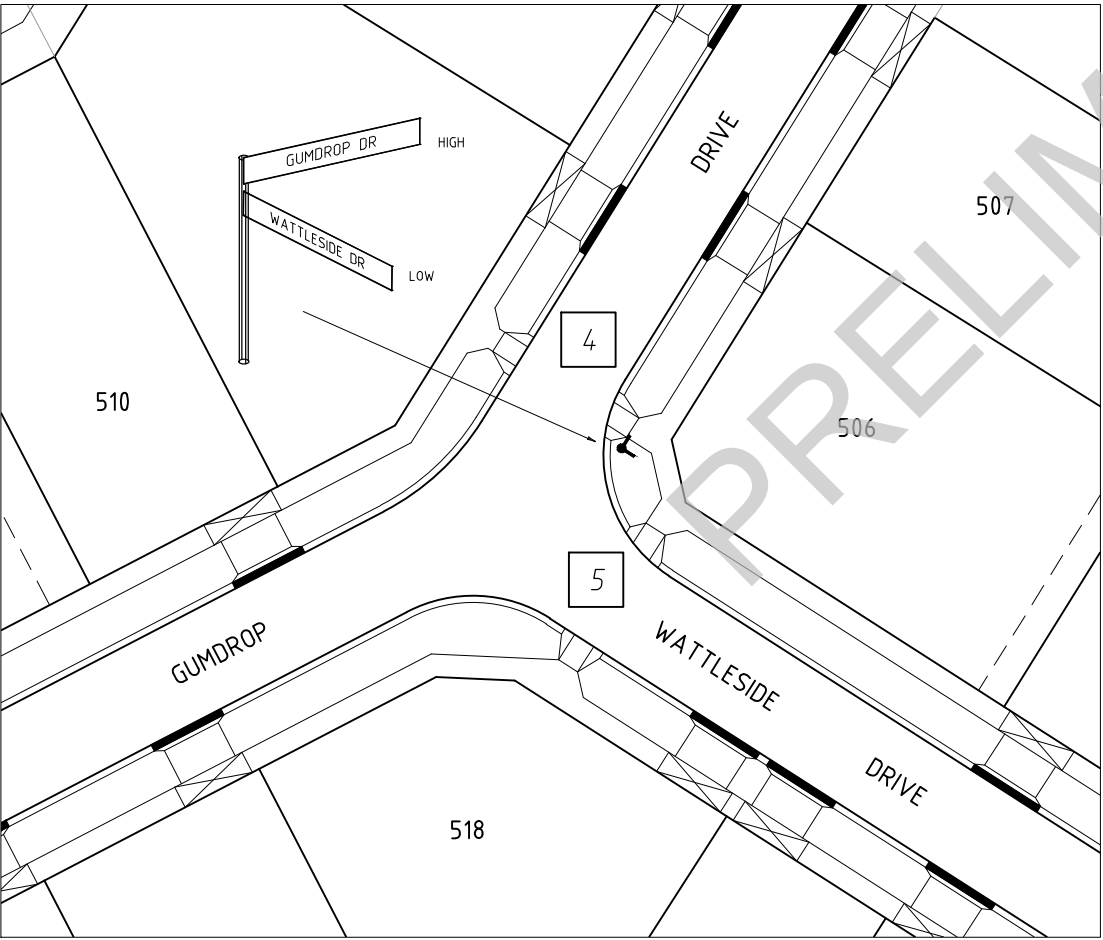
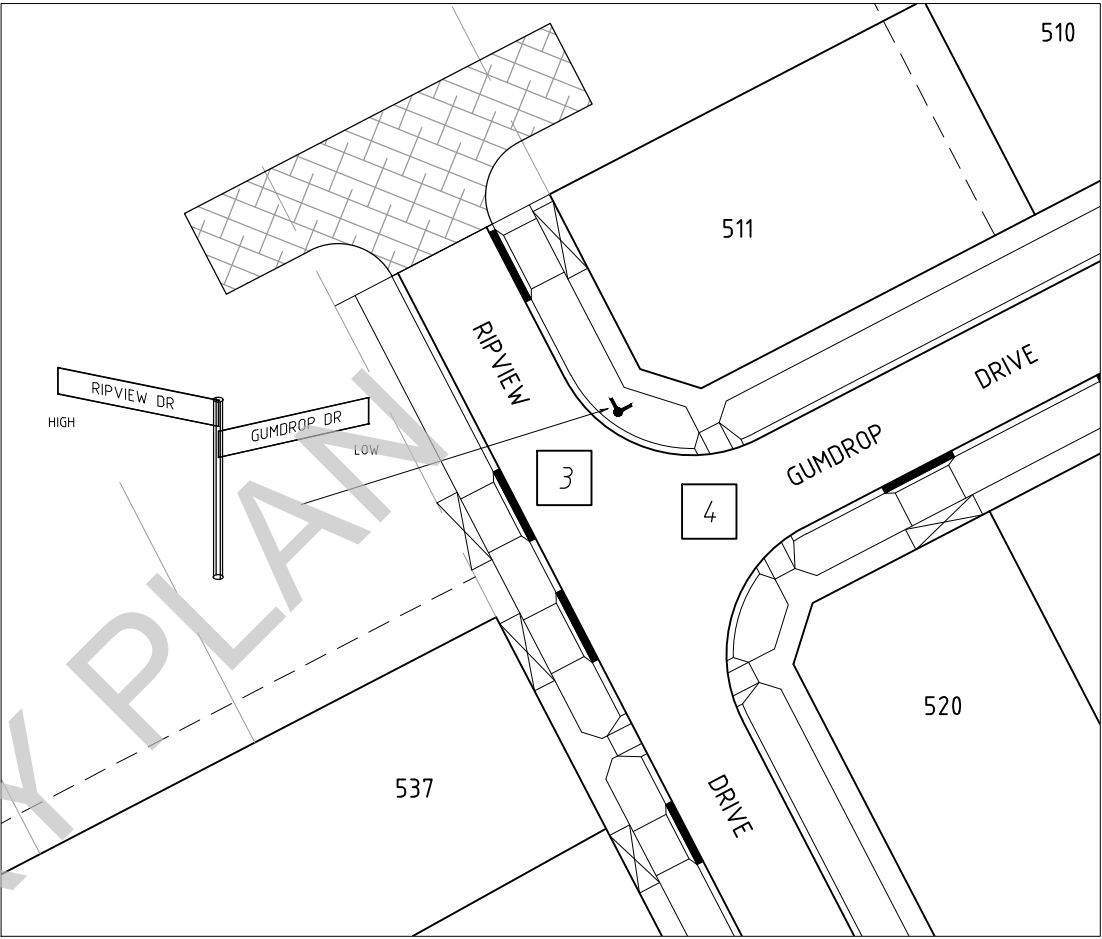
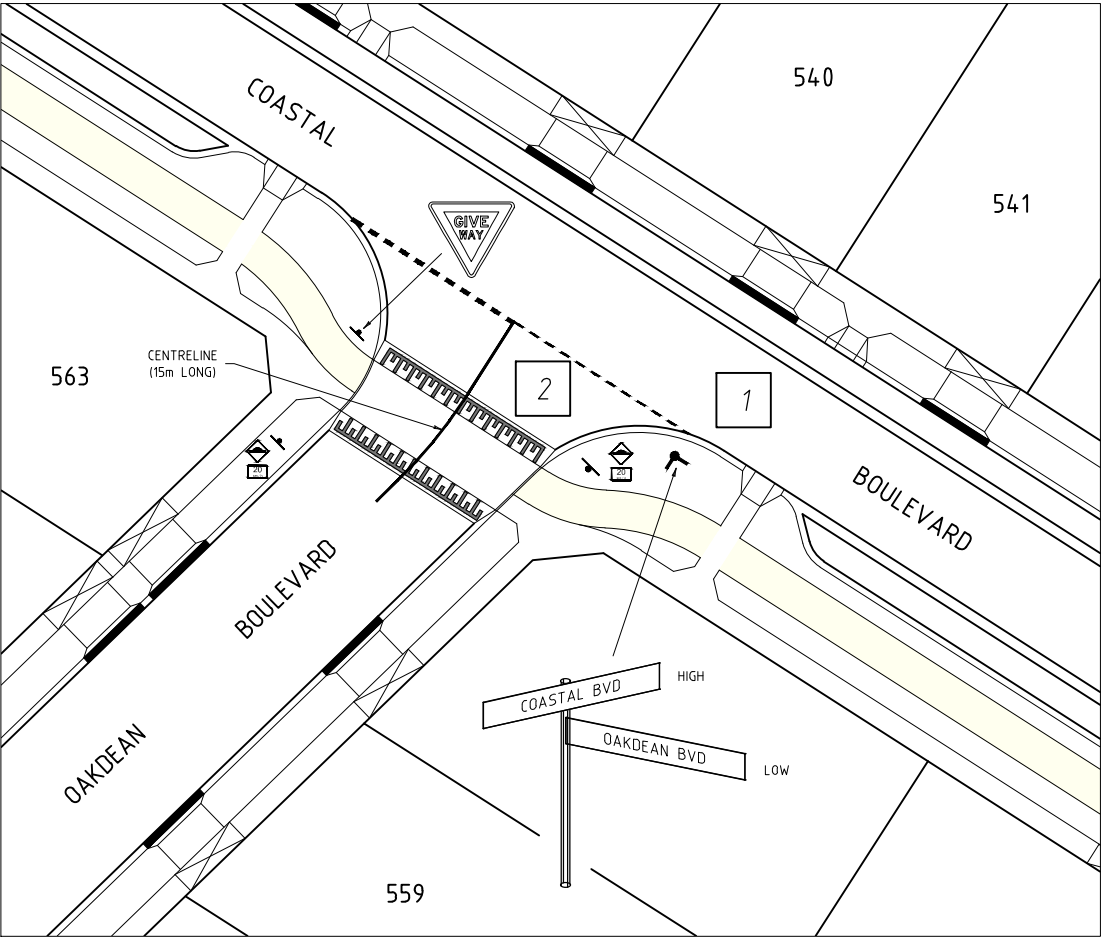
AMENDMENTS		Peter Berry & Associates Pty. Ltd. Civil Engineers		153 Yarra Street Geelong Victoria 3220 Telephone: 5223 2799	
A1	23.08.21	VERSION A (PRELIMINARY)	MELWAY REF.	KINGSTON COAST ESTATE STAGE 5	
	DATE	DESCRIPTION	SURVEYED		
			DESIGNED P.J.B		
			DRAWN C.S.		
CHECKED			SCALE AS SHOWN	DATUM AHD	DATE AUG '21
			REFERENCE 1503 E/5		SHEET 23 OF 26

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	-	-	25.88	1350	25.88	1350	28.09	2.21	-
A2	HAUNCHED GRATED JUNCTION PIT	900	1650	26.08	1350	26.03	1350	28.35	2.32	SD 410, 455
A3	HAUNCHED GRATED JUNCTION PIT	900	1650	26.55	1350	26.50	1350	29.06	2.56	SD 410, 455
A4	HAUNCHED GRATED JUNCTION PIT	900	1650	27.50	1350	27.45	1350	29.95	2.50	SD 410, 455
				28.45	375					
A5	HAUNCHED JUNCTION PIT (FUT SEP)	900	1650	28.20	1350	28.15	1350	30.75	2.60	SD 410, 455
B1	EXISTING END OF PIPE	-	-	26.77	375	26.77	375	28.08	1.31	-
B2	GRATED JUNCTION PIT	900	600	27.30	375	27.25	375	28.56	1.31	SD 405, 455
B3	GRATED JUNCTION PIT	900	600	28.10	375	28.05	375	29.38	1.33	SD 405, 455
				28.20	225					
B4	SIDE ENTRY PIT	900	600	28.32	375	28.27	375	29.73	1.46	SD 405, 430
B5	DOUBLE SIDE ENTRY PIT	1900	600	28.51	375	28.46	375	30.01	1.55	SD 405, 445
B6	DOUBLE SIDE ENTRY PIT	1900	600	28.67	375	28.62	375	30.04	1.42	SD 405, 445
				28.67	375					
B7	SIDE ENTRY PIT	900	600	-	-	29.18	375	30.50	1.32	SD 405, 430
C1	EXISTING END OF PIPE	-	-	28.16	375	28.16	375	29.56	1.40	-
C2	SIDE ENTRY PIT	900	600	28.50	375	28.45	375	29.82	1.37	SD 405, 430
				28.50	375					
C3	SIDE ENTRY PIT	900	600	29.29	375	29.24	375	30.65	1.41	SD 405, 430
				29.29	375					
				29.41	225					
C4	SIDE ENTRY PIT	900	600	29.62	375	29.57	375	30.99	1.42	SD 405, 430
C5	SIDE ENTRY PIT	900	600	29.83	375	29.78	375	31.34	1.56	SD 405, 430
C6	SIDE ENTRY PIT	900	600	30.00	375	29.95	375	31.41	1.46	SD 405, 430
EP	BLANKED OFF END OF PIPE	-	-	-	-	30.38	375	31.95	1.57	-
* D1	EXISTING HAUNCHED SIDE ENTRY PIT	900	1200	26.70	900	26.65	900	28.50	1.85	SD 410, 430
				26.91	375					
D2	HAUNCHED SIDE ENTRY PIT	900	1200	27.46	900	27.41	900	29.28	1.87	SD 410, 430
				27.63	375					
D3	HAUNCHED SIDE ENTRY PIT	900	1200	27.63	900	27.58	900	29.41	1.83	SD 410, 430
D4	HAUNCHED SIDE ENTRY PIT	900	1200	27.88	900	27.83	900	29.64	1.81	SD 410, 430
D5	HAUNCHED SIDE ENTRY PIT	900	1200	28.12	900	28.07	900	29.87	1.80	SD 410, 430
				28.33	375					
				28.40	225					
D6	HAUNCHED SIDE ENTRY PIT	900	1200	28.50	900	28.45	900	30.28	1.83	SD 410, 430
				28.71	375					
D7	HAUNCHED SIDE ENTRY PIT	900	1200	28.92	900	28.87	900	30.71	1.84	SD 410, 430
D8	HAUNCHED JUNCTION PIT (FUT SEP)	900	1200	29.23	825	29.15	900	31.01	1.86	SD 410, 430
				29.41	375					

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	
E1	EXISTING JUNCTION PIT	900	600	27.38	300	27.33	300	28.58	1.25	SD 405, 425
E2	JUNCTION PIT	900	600	28.10	300	28.05	300	29.34	1.29	SD 405, 425
E3	JUNCTION PIT	900	600	28.75	300	28.70	300	29.93	1.23	SD 405, 425
E4	JUNCTION PIT	900	600	28.92	225	28.85	300	29.97	1.12	SD 405, 425
E5	JUNCTION PIT	900	600	-	-	29.29	225	30.32	1.03	SD 405, 425
F1	EXISTING JUNCTION PIT	900	600	28.10	225	28.05	225	29.18	1.13	SD 405, 425
F2	JUNCTION PIT	900	600	-	-	29.15	225	30.21	1.06	SD 405, 425
G1	SIDE ENTRY PIT	900	600	28.92	375	28.87	375	30.56	1.69	SD 405, 430
G2	SIDE ENTRY PIT	900	600	29.07	375	29.02	375	30.56	1.54	SD 405, 430
G3	SIDE ENTRY PIT	900	600	29.38	375	29.33	375	30.78	1.45	SD 405, 430
				29.48	225					
G4	SIDE ENTRY PIT	900	600	-	-	29.70	375	31.07	1.37	SD 405, 430
H1	SIDE ENTRY PIT	900	600	28.55	375	28.50	375	29.97	1.47	SD 405, 430
H2	SIDE ENTRY PIT	900	600	29.30	225	29.15	375	30.53	1.38	SD 405, 430
EP	BLANKED OFF END OF PIPE	-	-	-	-	29.35	225	30.88	1.53	-
I1	SIDE ENTRY PIT	900	600	28.65	375	28.60	375	30.17	1.57	SD 405, 430
I2	GRATED JUNCTION PIT	900	600	29.15	375	29.10	375	30.48	1.41	SD 405, 455
				29.15	300					
EP	BLANKED OFF END OF PIPE	-	-	-	-	29.33	300	31.08	1.75	-
J1	BLANKED OFF END OF PIPE	-	-	-	-	30.40	225	31.70	1.30	-
K1	JUNCTION PIT	900	600	30.75	225	30.70	225	31.85	1.15	SD 405, 425
L1	JUNCTION PIT	900	600	-	-	29.15	225	30.37	1.22	SD 405, 425
M1	JUNCTION PIT	900	600	-	-	28.82	225	29.95	1.13	SD 405, 425
N1	SIDE ENTRY PIT	900	600	-	-	27.35	375	28.67	1.32	SD 405, 430
O1	SIDE ENTRY PIT	900	600	-	-	28.05	375	29.37	1.32	SD 405, 430
P1	SIDE ENTRY PIT	900	600	-	-	28.75	375	29.85	1.10	SD 405, 430
Q1	SIDE ENTRY PIT	900	600	-	-	29.62	375	30.65	1.03	SD 405, 430
R1	SIDE ENTRY PIT	900	600	-	-	29.00	375	29.95	0.95	SD 405, 430

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

AMENDMENTS			 Peter Berry & Associates Pty. Ltd. Civil Engineers				153 Yarra Street Geelong Victoria 3220 Telephone: 5223 2799	
		23.08.21	VERSION A (PRELIMINARY)	MELWAY REF.	KINGSTON COAST ESTATE STAGE 5			MUNICIPALITY
			SURVEYED	GREATER GEELONG				
	DATE	DESCRIPTION	DESIGNED P.J.B	REFERENCE				
A1			DRAWN C.S.				1503 ^E / ₅	
			CHECKED				SCALE AS SHOWN	DATUM AHD





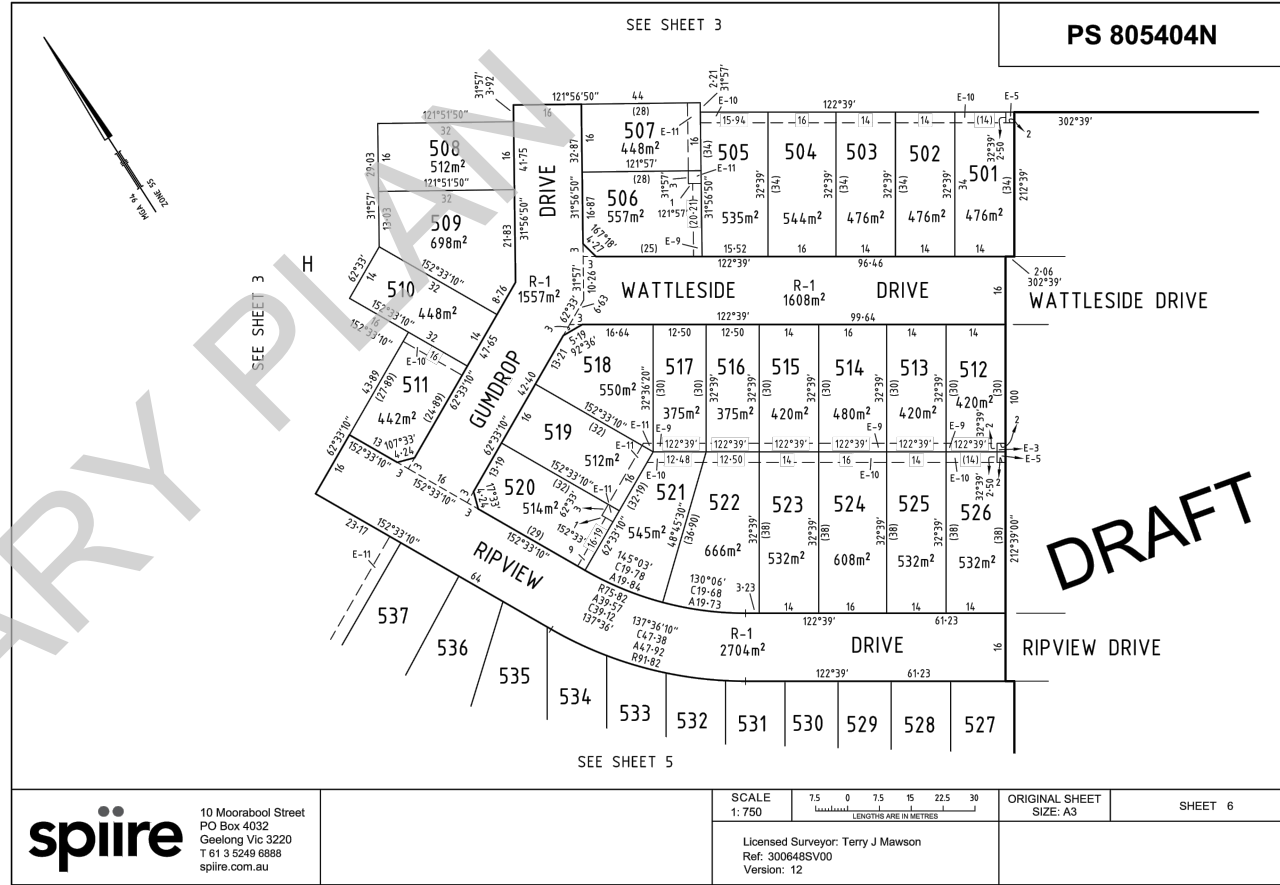
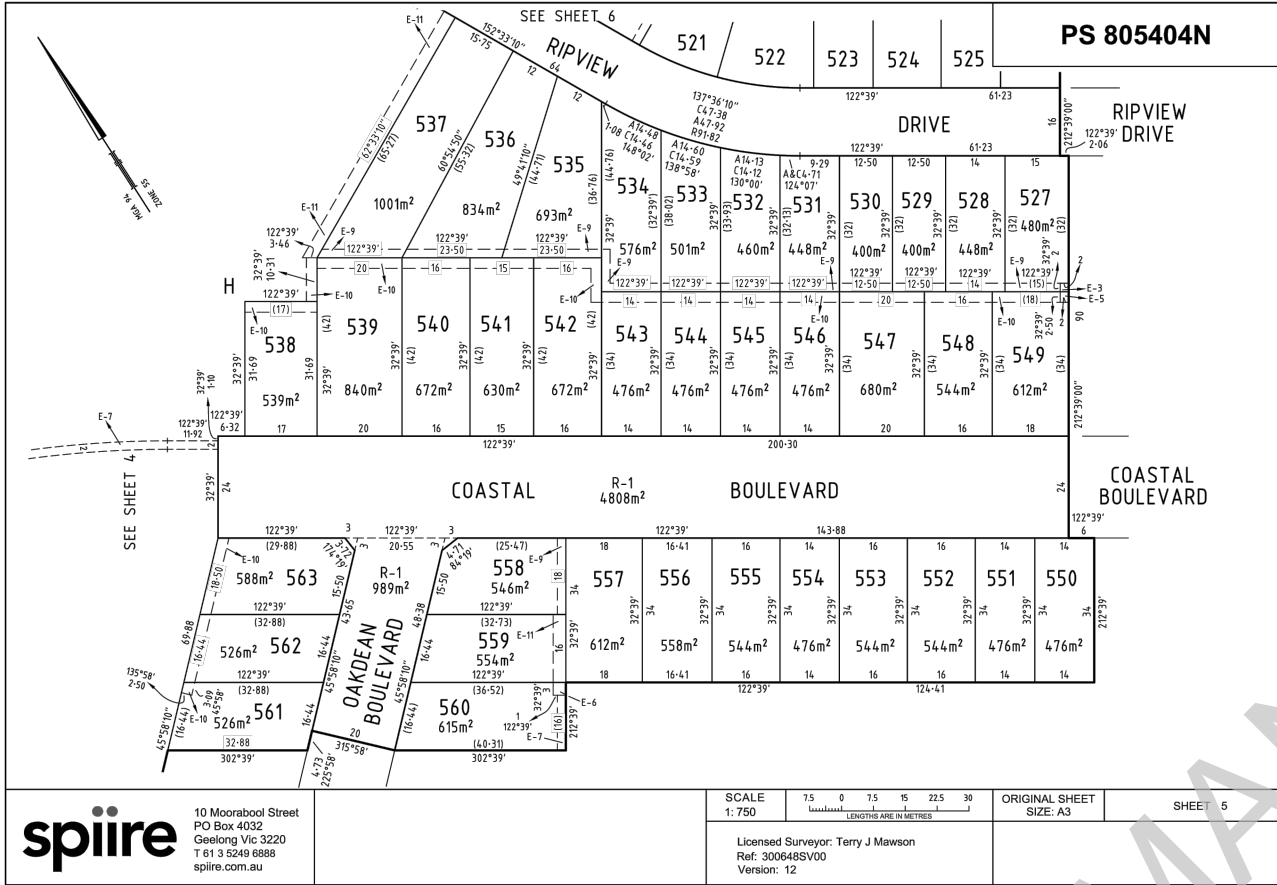
DETAIL PLANS
SCALE (A1) 1 : 250


SIGN LEGEND

1	COASTAL BVD	1 No	5	WATTLESIDE DR	1 No
2	OAKDEAN BVD	1 No		1 No (R1-2A)	
3	RIPVIEW DR	1 No		2 No (W5-10)	
4	GUMDROP DR	2 No	20 km / h	2 No (W8-2)	

- 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.

AMENDMENTS			 Peter Berry & Associates Pty. Ltd. Civil Engineers		153 Yarra Street Geelong Victoria 3220 Telephone: 5223 2799		
	23.08.21	VERSION A (PRELIMINARY)	MELWAY REF.	KINGSTON COAST ESTATE STAGE 5 STREET SIGNS & LINEMARKING PLAN			MUNICIPALITY GREATER GEELONG
	DATE	DESCRIPTION	SURVEYED				REFERENCE 1503 E/5
A1	1 : 250  METRES	DESIGNED P.J.B DRAWN C.S. CHECKED	SCALE AS SHOWN				DATUM AHD



AMENDMENTS				Peter Berry & Associates Pty. Ltd.				153 Yarra Street Geelong Victoria 3220 Telephone: 5223 2799		
										Civil Engineers
				MELWAY REF.	KINGSTON COAST ESTATE STAGE 5 PLAN OF SUBDIVISION				MUNICIPALITY	
	23.08.21	VERSION A (PRELIMINARY)		SURVEYED					GREATER GEELONG	
DATE	DESCRIPTION	DESIGNED P.J.B.	REFERENCE							
A1			DRAWN C.S.	1503 E/5				SHEET 26 OF 26		
			CHECKED							
				SCALE AS SHOWN	DATUM	AHD	DATE	AUG '21		