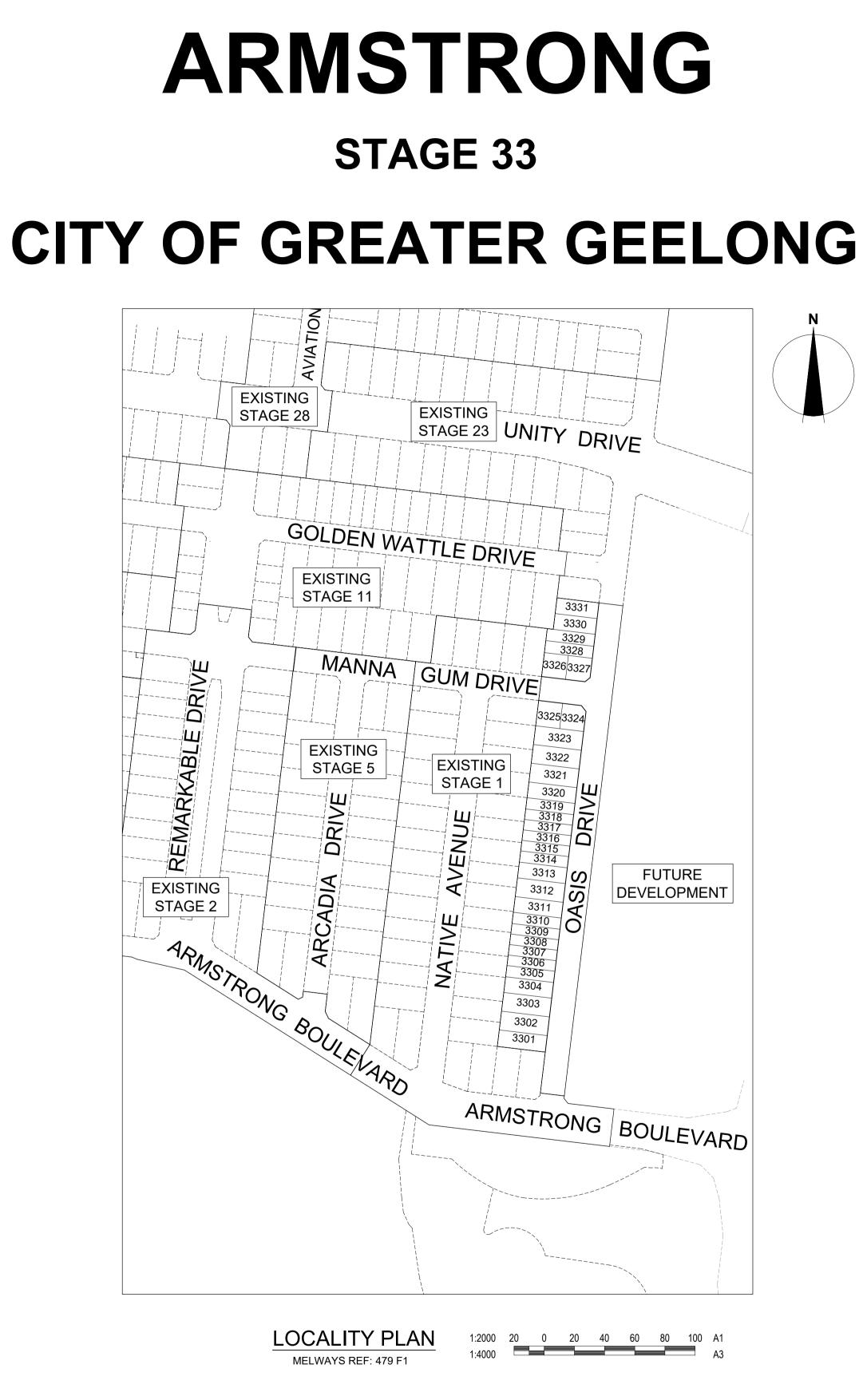
# **GENERAL NOTES:**

- 1. THE WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT INFRASTRUCTURE DESIGN MANUAL STANDARD DRAWINGS AND GREATER GEELONG CITY COUNCIL STANDARD DRAWINGS AND SPECIFICATIONS. WORKS TO BE CARRIED OUT TO THE SATISFACTION OF COUNCIL'S SUPERVISING OFFICER.
- 2. THE CONTRACTOR IS RESPONSIBLE FOR SAFETY OF WORK ON SITE IN ACCORDANCE WITH APPROPRIATE LEGISLATION. THEY SHALL ERECT AND MAINTAIN ALL SHORING, PLANKING AND STRUTTING, DEWATERING DEVICES. BARRICADES, SIGNS, LIGHTS, ETC. NECESSARY TO KEEP WORKS IN A SAFE AND STABLE CONDITION, AND TO PROTECT THE PUBLIC FROM HAZARDS ASSOCIATED WITH THE WORKS.
- 3. THE CONTRACTOR SHALL:
- 3.1. COMPLY WITH THE "SAFETY PRECAUTIONS IN TRENCHING OPERATIONS" (CODE OF PRACTICE No.8, 1998) NOTIFY WORK SAFE OF HIS INTENTION TO COMMENCE TRENCHING OPERATIONS WHERE TRENCHES ARE 1.5 3.2. METRES OR DEEPER.
- ENSURE THAT THE MINE MANAGER OR HIS DEPUTY AS REQUIRED BY THE REGULATIONS IS IN ATTENDANCE WHEN 3.3. TRENCHING OPERATIONS ARE IN PROGRESS.
- THE CONTRACTOR IS TO NOTIFY COUNCIL AND ALL SERVICE AUTHORITIES SEVEN (7) DAYS PRIOR TO 4 COMMENCEMENT OF CONSTRUCTION.
- 5. THE LOCATION OF EXISTING SERVICES SHOULD BE DETERMINED BY THE CONTRACTOR PRIOR TO COMMENCING ANY EXCAVATION BY CONTACTING ALL RELEVANT SERVICE AUTHORITIES. ANY EXISTING SERVICES SHOWN ON THE DRAWINGS ARE OFFERED AS A GUIDE ONLY AND ARE NOT GUARANTEED AS CORRECT
- REDGUM TREES MARKED ON THE APPROVED PLANS FOR REMOVAL MUST BE REMOVED IN ACCORDANCE WITH 6 COUNCIL'S PLANNING PERMIT. NO EXCAVATION SHALL BE CARRIED OUT WITHIN THE TREE PROTECTION ZONE OF ANY EXISTING TREE WITHOUT WRITTEN APPROVAL FROM COUNCIL'S ENVIRONMENT DEPARTMENT
- ALL ROAD CHAINAGES ARE MEASURED ALONG THE ROAD CENTRELINE EXCEPT KERB RETURNS AND COURTHEADS. WHERE LIP OF KERB CHAINAGES ARE SPECIFIED. ALL DIMENSIONS AND RADII ARE GIVEN TO THE LIP OF KERB. DO NOT SCALE OFF THESE DRAWINGS, WRITTEN DIMENSIONS ONLY SHALL BE USED. ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM.
- ALL EXCAVATED OR FILLED AREAS OUTSIDE THE ROAD RESERVES TO BE STRIPPED OF TOPSOIL AND STOCKPILED 9 PRIOR TO EARTHWORKS COMMENCING. THESE AREAS SHALL BE RESURFACED WITH A 150mm LAYER OF TOPSOIL AS SPECIFIED.
- 10. NO TOPSOIL TO BE REMOVED FROM SITE.
- 11. NO FILL OR STOCKPILING OF MATERIAL IS TO BE PLACED ON ANY RESERVE UNLESS DIRECTED BY THE
- SUPERINTENDENT 12. FILLING ON ALLOTMENTS AND UNDER ROAD PAVEMENTS TO HAVE LEVEL 1 SUPERVISION IN ACCORDANCE WITH
- AS3798-1996. INDIVIDUAL LOT CERTIFICATES ARE TO BE PROVIDED TO THE SUPERINTENDENT. 13. FILLING UNDER DRIVEWAYS AND FOOTPATH IS TO BE APPROVED BY THE SUPERINTENDENT AND CONSTRUCTED IN
- LAYERS 150mm DEPTH. COMPACTION ACHIEVING A MINIMUM DENSITY RATIO OF 98% (STANDARD) IN ACCORDANCE WITH AS1289 CLAUSE 5.1.1. CUT AND FILL BATTER SLOPES ARE NOT TO EXCEED 1 in 6 UNLESS SHOWN OTHERWISE.
- 15. ALL DRAINAGE PIPES ARE TO BE SPIGOT-SOCKET RUBBER RING JOINTED UNLESS STATED OTHERWISE.
- 16. ALL DRAINAGE TRENCHES UNDER PARKING BAYS, DRIVEWAYS, FOOTPATHS AND BEHIND KERB & CHANNEL, SHALL BE BACKFILLED WITH CRUSHED ROCK AS SPECIFIED.
- 17. ALL PIPES UNDER ROADS SHALL BE BACKFILLED WITH 2% STABILIZED SAND TO SPRINGLINE. ABOVE THIS POINT PROVIDE 20mm NOM. SIZE CLASS 3 FINE CRUSHED ROCK (WETMIX) COMPACTED TO 98% MODIFIED COMPACTION IN 150mm MAXIMUM LAYER.
- 18. PROPERTY INLETS AS PER INFRASTRUCTURE DESIGN MANUAL (IDM) STANDARD DRAWING SD 520 ARE TO BE LOCATED 1.0m FROM LOW SIDE BOUNDARY UNLESS SHOWN OTHERWISE.
- 19. ALL HOUSE DRAIN CONNECTIONS ARE TO BE LOCATED NO CLOSER THAN 6.0m FROM THE SIDE BOUNDARY OR FROM EASEMENT ALONG THE SIDE BOUNDARY UNLESS NOTED OTHERWISE AND CONNECTED DIRECTLY TO UNDERGROUND DRAIN OR PIT. HOUSE DRAIN LOCATION TO BE MARKED (50mm STAMPED IMPRESSION) ON THE TOP OF THE KERB. 20. SUBSOIL DRAINS SHALL BE INSTALLED BEHIND OR BELOW ALL KERB AND CHANNEL
- 21. CONDUIT LOCATIONS ARE SUBJECT TO AMENDMENT AND CONDUITS SHALL NOT BE LAID UNTIL WRITTEN APPROVAL IS GIVEN BY THE SUPERINTENDENT. CONDUITS TO BE EXTENDED TO PROPERTY LINE AND ARE REQUIRED WHEN CONNECTIONS EXTEND UNDER ROAD PAVEMENT, FOOTPATH OR OTHER INFRASTRUCTURE. BOTH KERBS ARE TO BE MARKED (50mm STAMPED IMPRESSION) WITH THE LETTERS E (ELECTRICAL), G (GAS), T (TELEPHONE), W (WATER) AND C (COUNCIL COMMUNICATION) ABOVE CONDUIT LOCATION.
- 22. ALL SERVICING TRENCHES UNDER ROADS, DRIVEWAYS, FOOTPATHS ETC. ARE TO BE BACKFILLED & COMPACTED WITH F.C.R. IN THE CASE OF TRENCHES UNDER ROADS WHERE BACKFILLING HAS NOT ACHIEVED THE SPECIFIED COMPACTION OR SHOWS EXCESSIVE MOVEMENT UNDER PROOF ROLLING, THE BACKFILLING SHALL BE REMOVED AND REPLACED WITH 2% STABILISED COMPACTED F.C.R. 23. NO COMMUNICATION PITS ARE TO BE LOCATED IN THE FOOTPATH.
- 24. VEHICULAR CROSSINGS TO BE LOCATED CLEAR OF DRAINAGE PITS, SEWER MAINTENANCE HOLES AND EXISTING TREES. VEHICLE CROSSINGS TO BE 1m FROM PROPERTY BOUNDARY OR EASEMENT UNLESS OTHERWISE SHOWN. VEHICULAR CROSSINGS TO BE CONSTRUCTED AS PER CITY OF GREATER GEELONG "DESIGN NOTES №.4" DATED AUGUST 2012 & IDM STANDARD DRAWINGS SD205 to SD265.
- 25. ALL PEDESTRIAN CROSSINGS TO BE IN ACCORDANCE WITH INFRASTRUCTURE DESIGN MANUAL SD200. 26. ALL STREET SIGNS TO BE IN ACCORDANCE INFRASTRUCTURE DESIGN MANUAL STANDARD DRAWINGS. STREET SIGNS TO BE ATTACHED TO LIGHT POLES USING 'SINGLE DIRECTION COLLAR' OR '90° RIGHT ANGLE COLLAR' UNLESS SHOWN OTHERWISE
- 27. ALL PAVEMENT MARKINGS AND TRAFFIC SIGNS SHOULD BE TO AS1742.2 AND AS1742.1 STANDARD RESPECTIVELY. TEMPORARY LINEMARKING TO BE PLACED DURING MAINTENANCE PERIOD PRIOR TO PLACEMENT OF WEARING COURSE. FINAL LINEMARKING TO BE LONG LIFE ROAD MARKING WITH LONGITUDINAL LINES IN THERMOPLASTIC AND TRANSVERSE MARKINGS IN COLD APPLIED.
- 28. UPON COMPLETION OF CONSTRUCTION THE WHOLE SITE SHALL BE CLEANED, GRADED, ALL RUBBISH REMOVED AND LEFT IN A CLEAN AND TIDY CONDITION TO THE SATISFACTION OF THE SUPERINTENDENT. 29. ALL AREAS OF SUBDIVISION EXPOSED OF VEGETATION, INCLUDING NATURE STRIPS, LOTS AND RESERVES ARE TO BE
- FULLY GRASSED BY HYDRO MULCHING, WATERED AND MAINTAINED, UNTIL THE END OF MAINTENANCE PERIOD. 30. ALL SUMPS IN PRECAST CONCRETE PITS ARE TO BE INFILLED WITH CONCRETE FLUSH TO THE INVERT LEVEL OF THE
- OUTLET PIPE, UNLESS APPROVED OTHERWISE BY THE COUNCIL WORKS INSPECTOR 31. CITY OF GREATER GEELONG REQUIRES CCTV OF ALL DRAINAGE PIPES AND PITS, PRIOR TO THE ISSUE OF THE STATEMENT OF COMPLIANCE

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED	CLIENT	
						properties	
0	25/08/21	CONSTRUCTION ISSUE	C.ROHDE	M.TROUNCE	T.PALIOS	· · · · ·	Suite
С	24/08/21	AMENDED TO COUNCIL COMMENTS (20/08/21)	C.ROHDE	M.TROUNCE	T.PALIOS	Communities Designed for Living	Geel
В	06/08/21	TENDER ISSUE	C.ROHDE	M.TROUNCE	T.PALIOS		
A 2	29/07/2021	ISSUED FOR APPROVAL	B.LEECH	M.TROUNCE	T.PALIOS		



Drawing Index Draw





PROJECT

DRAWING TITLE **ARMSTRONG - STAGE 33 COVER SHEET** 

STATUS

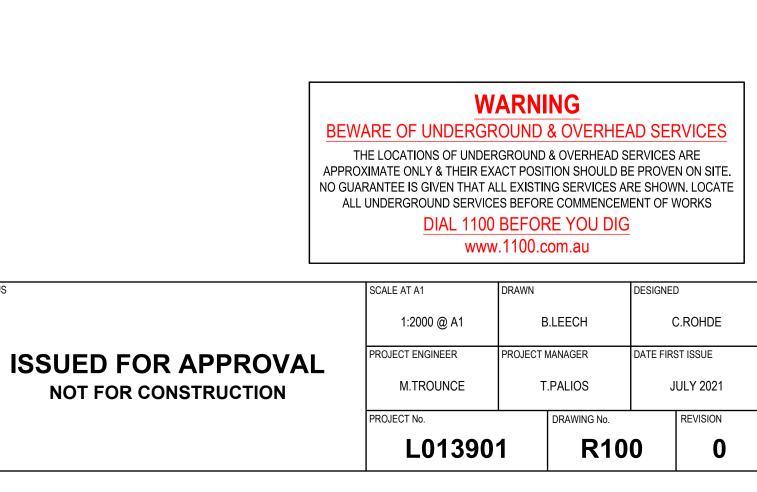
### CITY OF GREATER GEELONG TO STAMP HERE UPON APPROVAL **GREATER GEELONG CITY COUNCIL** PLANNING ENVIRONMENT ACT 1987 **GREATER GEELONG PLANNING SCHEME**

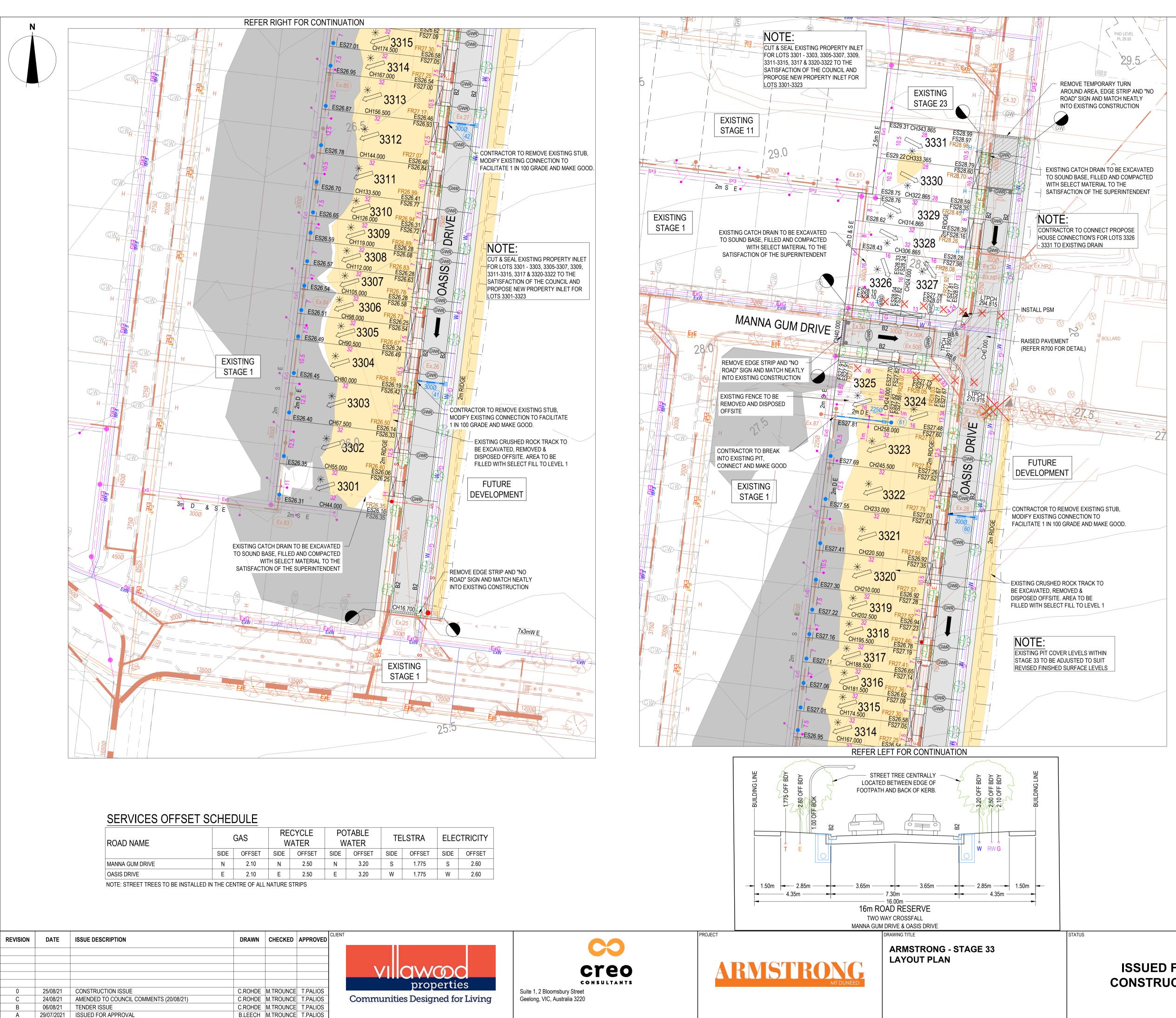
### Endorsed Plan Planning Permit No: PP-496-2012-H Sheet 1 of 14 **Approved By Daniel Cromberge** Approved Date 26/08/2021

NOTE: THIS IS NOT A BUILDING APPROVAL

### Certification No: 15270

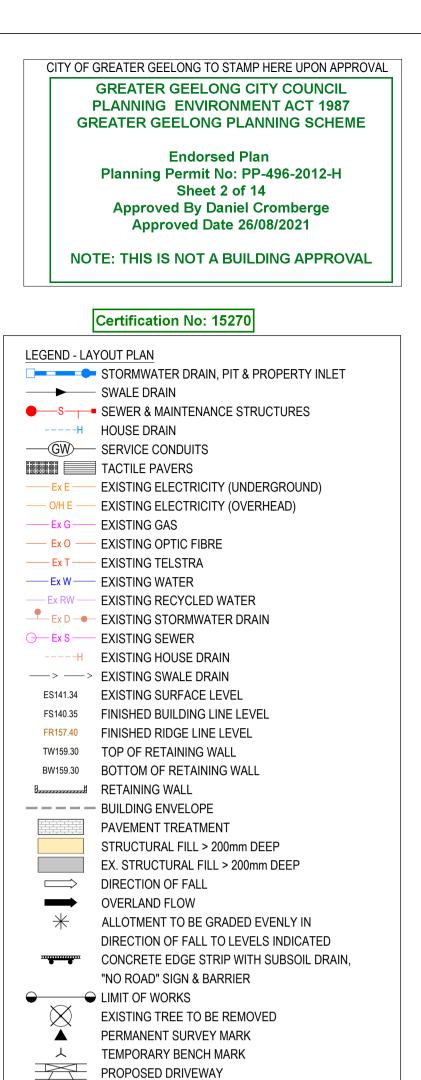
wing No.	Drawing Title	Revision
R100	COVER SHEET	0
R200	LAYOUT PLAN	0
R300	INTERSECTION DETAILS	0
R400	ROAD LONGITUDINAL SECTIONS	0
R500	ROAD CROSS SECTIONS - 01	0
R501	ROAD CROSS SECTIONS - 02	0
R502	ROAD CROSS SECTIONS - 03	0
R503	ROAD CROSS SECTIONS - 04	0
R504	ROAD CROSS SECTIONS - 05	0
R600	DRAINAGE LONG SECTIONS - 01	0
R601	DRAINAGE LONG SECTIONS - 02	0
R602	DRAINAGE LONG SECTIONS - 03	0
R700	TYPICAL DETAILS	0
R800	SIGNAGE & LINEMARKING PLAN	0





ROAD NAME		GAS	RECYCLE WATER		POTABLE WATER		TELSTRA		ELECTRICITY	
	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET
MANNA GUM DRIVE	N	2.10	N	2.50	N	3.20	S	1.775	S	2.60
OASIS DRIVE	E	2.10	Е	2.50	E	3.20	W	1.775	W	2.60
NOTE: STREET TREES TO BE INSTALLED IN THE CENTRE OF ALL NATURE STRIPS										

	Г 	CLIENT	APPROVED	CHECKED	DRAWN	SSUE DESCRIPTION	DATE	EVISION
		-						
properties	VII	-						
			T.PALIOS	M.TROUNCE	C.ROHDE	CONSTRUCTION ISSUE	25/08/21	0
es Designed for Liv	Communit		T.PALIOS	M.TROUNCE	C.ROHDE	AMENDED TO COUNCIL COMMENTS (20/08/21)	24/08/21	С
			T.PALIOS	M.TROUNCE	C.ROHDE	TENDER ISSUE	06/08/21	В
			T.PALIOS	M.TROUNCE	B.LEECH	SSUED FOR APPROVAL	29/07/2021	Α



### NOTES: ALL VEHICLE AND PRAM CROSSING LAYBACKS, TO BE MINIMUM OF 1.0m FROM PITS. ALL PRAM CROSSINGS TO BE A MINIMUM 2.0m FROM VEHICLE CROSSINGS. ALL PRAM CROSSINGS TO BE DDA COMPLIANT. VEHICLE EXCLUSION MEASURES BETWEEN ROAD RESERVE AND RESERVE TO FORM PART OF LANDSCAPE WORKS. THE USE OF DIRECTIONAL AND HAZARD TACTILE PAVERS MUST ACCORD WITH SECTION 2.2.3.1 OF AS/NZS 1428.4:2002. SEWER MAINTENANCE HOLE CONVERTER SLAB OR CONE, TO BE ROTATED TO ENSURE COVER POSITION IS CENTRALLY LOCATED WITHIN FOOTPATH. CHAINAGES FOR SETOUT OF PROPERTY INLET POINTS, SERVICING FUTURE LOTS, ARE MEASURED FROM THE DOWNSTREAM PIT. CONTRACTOR TO LOCATE ALL EXISTING ASSETS PRIOR TO COMMENCEMENT OF WORKS, ANY DAMAGE TO EXISTING

ASSETS TO BE RECTIFIED AT CONTRACTORS EXPENSE. CONTRACTOR TO VERIFY DEPTH OF EXISTING SERVICES, PRIOR TO COMMENCEMENT OF CONSTRUCTION.

NOTE: STREET TREE LOCATIONS SHOWN ARE INDICATIVE ONLY. ULTIMATE LOCATION IS TO BE PROVIDED/CONFIRMED BY LANDSCAPE ARCHITECTS

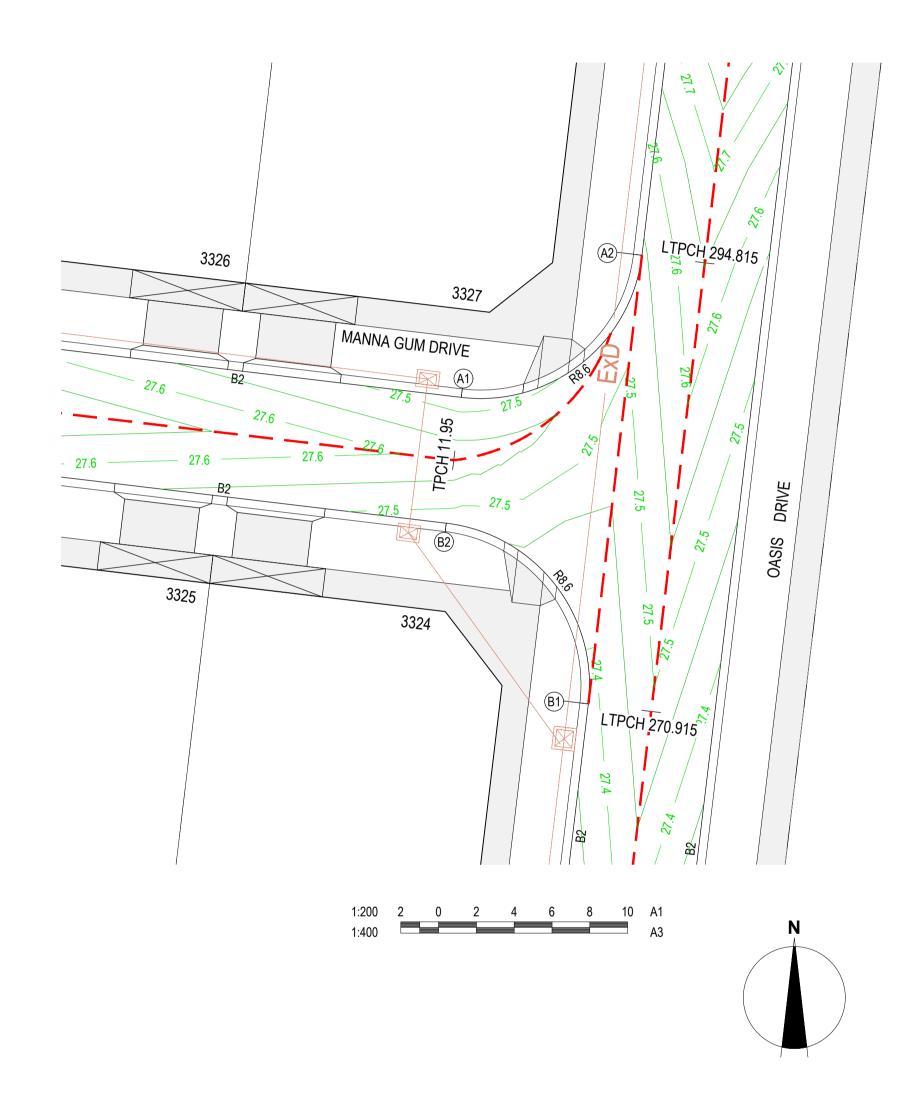
### WARNING

**BEWARE OF UNDERGROUND & OVERHEAD SERVICES** The locations of underground & overhead services are approximate only & their exact position should be proven on site. No guarantee is given that all existing services are shown. Locate all underground services before commencement of works

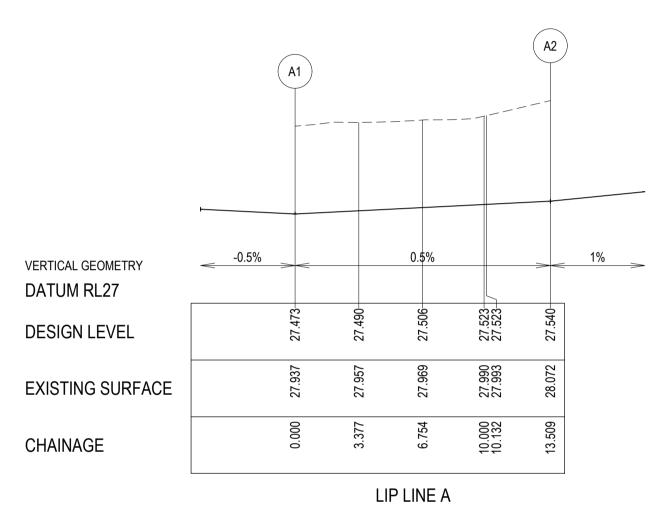
### DIAL 1100 BEFORE YOU DIG www.**1100**.com.au

L013	890 <sup>,</sup>	1	R2	00	0
PROJECT No.			DRAWING No.		REVISION
M.TROUNC	E	Т	.PALIOS	J	ULY 2021
PROJECT ENGINEER		PROJECT N	MANAGER	DATE FIR	ST ISSUE
1:500 @ A1	l	В	LEECH	(	C.ROHDE
SCALE AT A1		DRAWN		DESIGNE	)
1:500 1 1:1000		5 0	10		20 A1 A3

# **ISSUED FOR** CONSTRUCTION



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED	CLIENT
						VIIIQWODQ
0	05/00/04				TDALLOO	properties
0	25/08/21	CONSTRUCTION ISSUE		M.TROUNCE		
С	24/08/21	AMENDED TO COUNCIL COMMENTS (20/08/21)	C.ROHDE	M.TROUNCE	T.PALIOS	Communities Designed for Living
В	06/08/21	TENDER ISSUE	C.ROHDE	M.TROUNCE	T.PALIOS	
Α	29/07/2021	ISSUED FOR APPROVAL	B.LEECH	M.TROUNCE	T.PALIOS	



# ALIGNMENT A

PT NO	NOR	THING	RL							
A1 266689.958		58 5765	5765674.464							
A2 266699.518		18 5765	5765681.982							
CURVE NO	l I	RADIUS	ARC	А	В	Х	Y	L	MID POINT RL	
A1 - A2	90.000	8.600	13.509	2.519	1.864	3.291	2.790	3.377	27.506	

PROJECT

		B1		
VERTICAL GEOMETRY DATUM RL27	0.66%	><		0.7
DESIGN LEVEL		27.380-	27.403-	707 407
EXISTING SURFACE		27.534	27.708	27 766
CHAINAGE		0.000	3.377	6 75 <i>1</i>
			LI	P LIN

ALIGNMENT B													
Pt no B1 B2	Easting 266696.680 266689.163		58.251	RL 27.380 27.474									
CURVE NO	I C	RADIUS	ARC	A 2 519	1								

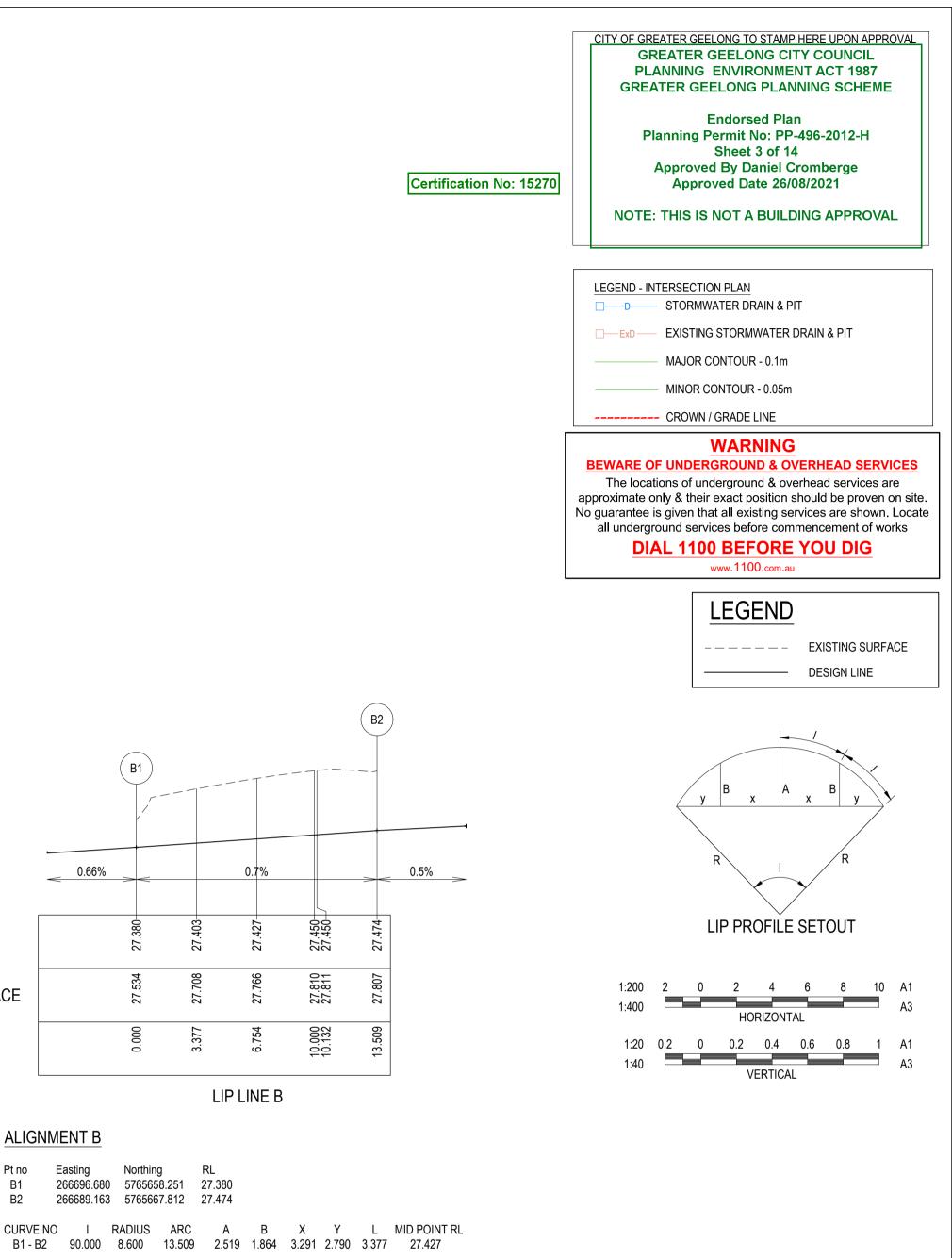




DRAWING TITLE

**ARMSTRONG - STAGE 33** INTERSECTION DETAILS

STATUS



	SCALE AT A1	DRAWN		DESIGNE	C
	AS SHOWN	E	3.LEECH	(	C.ROHDE
ISSUED FOR	PROJECT ENGINEER	PROJECT ENGINEER PROJECT MANAGER			ST ISSUE
CONSTRUCTION	M.TROUNCE	Т	PALIOS	J	ULY 2021
	PROJECT No.	•	DRAWING No.		REVISION
	L01390	1	R30	0	0

VERTICAL	G

 EXISTING
 PROPOSED

 STAGE 1
 STAGE 33

VERTICAL GEOMETRY

DATUM RL23

HORIZONTAL GEOMETRY

DESIGN CENTRELINE

RIGHT BACK OF KERB

LEFT BACK OF KERB

EXISTING SURFACE

CENTRELINE DEPTH

CHAINAGE

REVISION

DATE

25/08/21

24/08/21

06/08/21 TENDER ISSUE

A 29/07/2021 ISSUED FOR APPROVAL

0.5 %

25.

25.889

25.889

25.922

0.032

25.000

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ISSUE DESCRIPTION

CONSTRUCTION ISSUE

AMENDED TO COUNCIL COMMENTS (20/08/21)

25.985<sup>-</sup> 25.989-

25.984 25.987

25.984 25.987

25.988 25.997

0.003 0.008

44.000 44.700

55

DRAWN CHECKED APPROVED

C.ROHDE M.TROUNCE T.PALIOS

C.ROHDE M.TROUNCE T.PALIOS

C.ROHDE M.TROUNCE T.PALIOS B.LEECH M.TROUNCE T.PALIOS

properties Communities Designed for Living

lawooc

26.482

26.48

194

119.000

26.529

26.527

235

126.000

26.436

26.43/

112.000

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26.343 26.356

26.341 26.355

26.341 26.355

26.171 26.181

-0.172 -0.175

98.000 100.000

90.50

26.389

26.388

Ö

105.000





**ARMSTRONG - STAGE 33** ROAD LONGITUDINAL SECTIONS STATUS

DRAWING TITLE

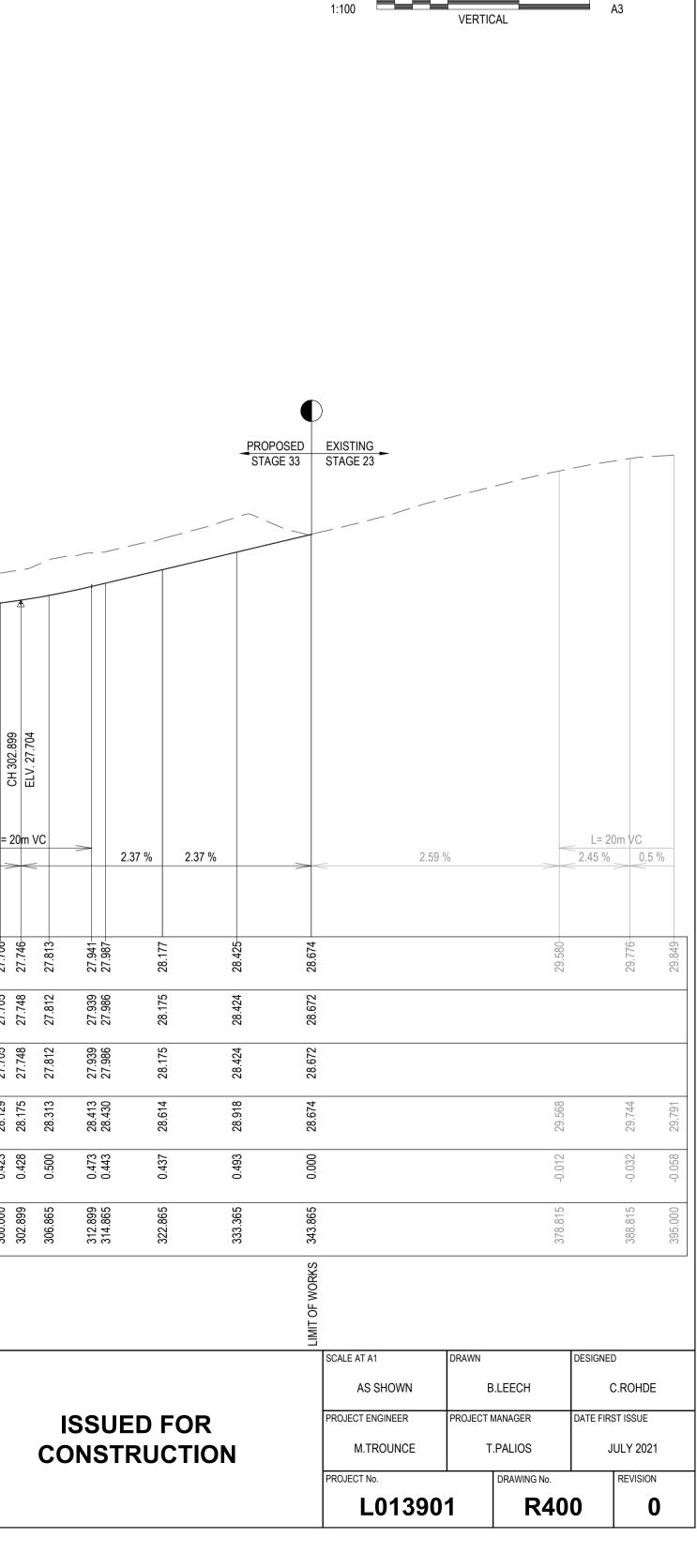
# OASIS DRIVE LONGITUDINAL SECTION

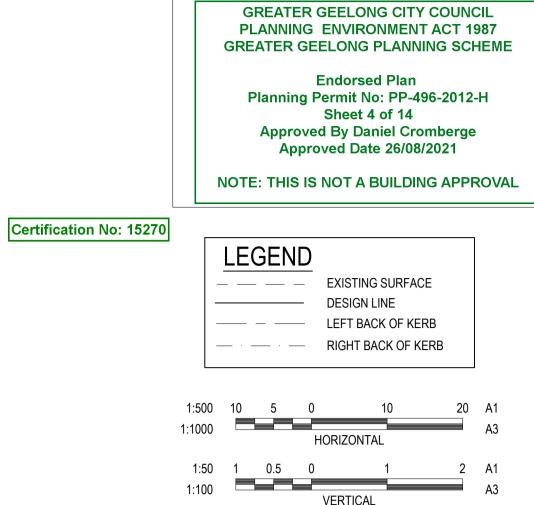
PROJECT

															DRIVE INTERSECTION R300 FOR DETAIL	
													-	~		
				0.66 %												a02 =7
26.579	26.648-	26.731-	26.801-	26.851-	26.897	26.944	26.990	27.020- 27.037-	27.087-	27.157-	27.240-	27.323-	27.406-	27.491-	27.637+ 27.652+	27.706 27.746
26.577	26.647	26.730	26.800	26.849	26.896	26.942	26.989	27.019 27.035	27.085	27.155	27.238	27.321	27.404	27.490	27.636 27.650	27.705 27.748
26.577	26.647	26.730	26.800	26.849	26.896	26.942	26.989	27.019 27.035	27.085	27.155	27.238	27.321	27.404	27.490	27.650	27.705 27.748
26.366	26.437	26.526	26.580	26.602	26.598	26.567	26.660	26.717 26.749	26.935	26.934	27.082	27.257	27.457	27.636	28.038 28.072	28.129 28.175
-0.212	-0.211	-0.205	-0.221	-0.249	-0.300	-0.377	-0.331	-0.304 -0.288	-0.152	-0.223	-0.158	-0.066	0.052	0.145	0.401 0.420	0.423 0.428
133.500	144.000	156.500	167.000	174.500	181.500	188.500	195.500	200.000 202.500	210.000	220.500	233.000	245.500	258.000	270.915	292.899 294.815	300.000 302.899
						OVeic	מוסח צ			SECTION				LTPCH	ГТРСН	

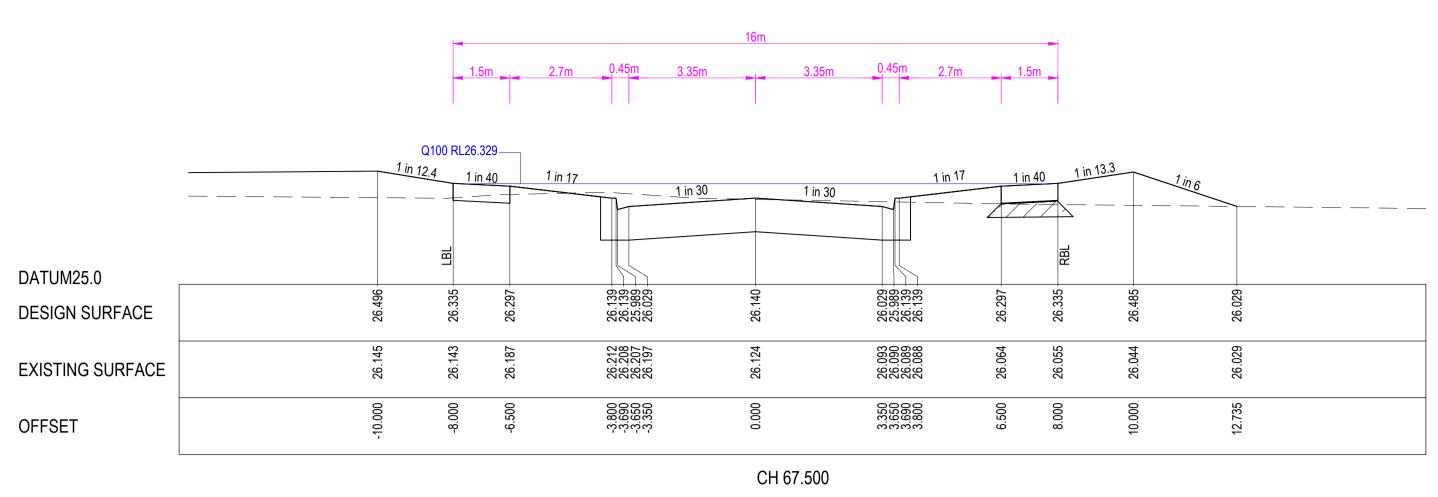
OASIS DRIVE	H	PROPO STAGE		AGE 1
VERTICAL GEOMETRY		0.5 %	-><	0.81 %
HORIZONTAL GEOMETRY DATUM RL25				
DESIGN CENTRELINE	27.586-	27.646-	27.726-	28.128-
RIGHT BACK OF KERB	27.584	27.644	27.724	
LEFT BACK OF KERB	27.584	27.644	27.724	
EXISTING SURFACE	27.881	27.983	27.726	28.071
CENTRELINE DEPTH	0.296	0.337	0.000	-0.057
CHAINAGE	11.950	24.000	40.000	000.06
	NT POINT		- WORKS	MANNA GUM DRIVE LONGITUDINAL SECTION

Ы IMIT





CITY OF GREATER GEELONG TO STAMP HERE UPON APPROVAL



	 Q100 1 in 13.3	) RL26.246 1 in 40		1 in 17	<u>1 in 3</u>	01 in 17	1 in	<u>40 1 in 13.3</u>
DATUM25.0 DESIGN SURFACE	-	26.252 LBL	26.214	266.056 26.056 25.946 25.946	26.057	255.946 255.906 26.056 26.056	26.214	26.252 RBL
EXISTING SURFACE	9/0.97	26.058	26.043	26.080 26.078 26.078 26.074	26.075	26.087 26.088 26.088 26.088	26.080	26.067
OFFSET	000.01-	-8.000	-6.500	900 900 900 900 900 900 900 900 900 900	0.000	00000 9.00000 9.00000 9.00000 9.00000000	6.500	8.000

	 1 in	Q100 RL 40 1 in 6			1 in 16.4	1 in	
DATUM25.0	LBL						RBI
DESIGN SURFACE	26.345 -	26.308 -	25.984 25.984 25.874 25.874	25.985 -	25.874 25.984 25.984	26.148	26.186
EXISTING SURFACE	26.161	26.000	25.946 25.947 25.951	25.988	26.008 26.008 26.009 26.009	26.016	26.014
OFFSET	-8.000	-6.500	5000 5000 5000 5000 5000	000.0	900000 9000000	6.500	8.000

				CH 44.000			
	 1 in	Q100 RL:	26.098	)1i	n 30 1 in 14.7	1 in	<u>40 1 in 14.3</u>
DATUM25.0 DESIGN SURFACE	26.250	26.213	25.889 25.889 25.779 25.779	25.890	25.779 25.889 25.889 25.889	26.073	26.110 Ri
EXISTING SURFACE	26.170	25.981	25.837 25.840 25.840 25.847	25.922	25.879 25.881 25.881 25.881	25.878	25.877
OFFSET	-8.000	-6.500	900 900 900 900 900 900 900 900 900 900	0.000	33.350 33.650 33.800 30.8000 30.80000 30.80000 30.80000 30.80000 30.80000 30.80000 30.80000 30.80000 30.80000 30.80000 30.80000000000	6.500	8.000

				CH 25.000					
	<u>1 in 40</u>	Q100 RL26.057 -			1 ir	14 <u>1 in</u>	40 <u>1 in 1</u>	5.3 11	in 6
DATUM25.0	 LBL	_		1 in 301 in 30			RBL		
DESIGN SURFACE	26.209 -	26.171 -	25.847 25.847 25.697 25.737	25.849	25.737 25.697 25.847 25.847	26.040 -	26.078 -	26.209 -	26.012 -
EXISTING SURFACE	26.112	26.101	25.889 25.824 25.702 25.743	25.849	25.732 25.694 25.760 25.827	26.045	26.091	26.013	26.012
OFFSET	-8.000	-6.500	-3.800 -3.690 -3.650 -3.350	0.000	3.350 3.650 3.800 3.800	6.500	8.000	10.000	11.179

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED	CLIENT
						VIIIQWOOQ
						properties
0	25/08/21	CONSTRUCTION ISSUE	C.ROHDE	M.TROUNCE	T.PALIOS	
С	24/08/21	AMENDED TO COUNCIL COMMENTS (20/08/21)	C.ROHDE	M.TROUNCE	T.PALIOS	Communities Designed for Liv
В	06/08/21	TENDER ISSUE	C.ROHDE	M.TROUNCE	T.PALIOS	<ul> <li>In the spectry part of an interpretation of a state of a distribution.</li> <li>If all the Company part of an interpretation of a state o</li></ul>
А	29/07/2021	ISSUED FOR APPROVAL	B.LEECH	M.TROUNCE	T.PALIOS	

CH 25 000

CH 16.700 (LIMIT OF WORKS)

CH 55.000

Suite 1, 2 Bloomsbury Street Geelong, VIC, Australia 3220

CO

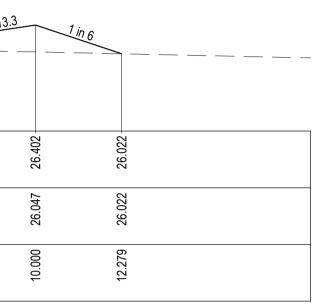
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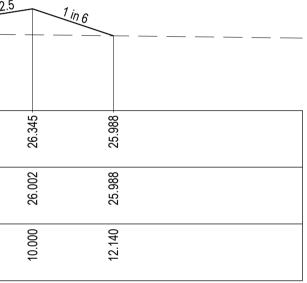
CONSULTANTS

ed for Living

### NOTE:

SELECT STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS @ 45° WHERE CONSTRUCTED ABOVE NATURAL SURFACE. SELECT FILL IS TO BE TO LEVEL 1 STANDARD AND IN ACCORDANCE WITH SECTION 5.4.5 OF "ARMSTRONG CREEK PRECINCT 1 STAGES 1 & 2 GEOTECHNICAL INVESTIGATION" PREPARED BY TONKIN & TAYLOR (FILE NAME: 3187.000.R1.1, DATED DECEMBER 2012).



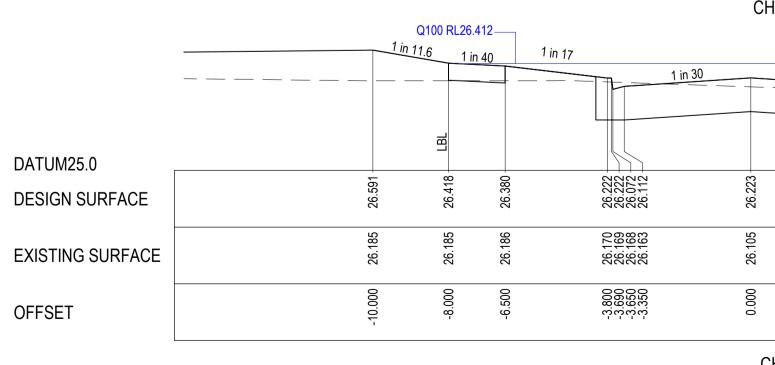




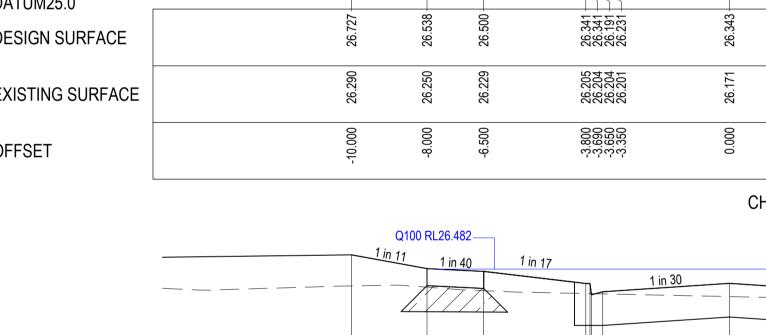
PROJECT

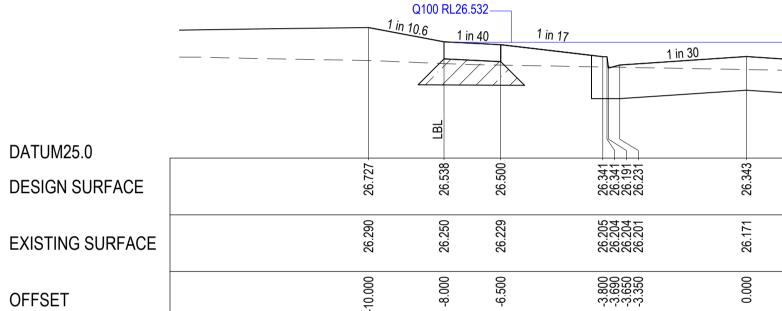


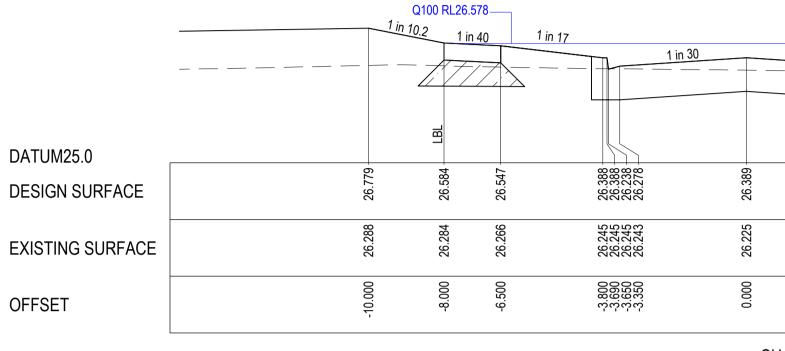
**ARMSTRONG - STAGE 33 ROAD CROSS SECTIONS - 01** OASIS DRIVE



	 <u> </u>	- <u> </u>	40 1 in ·	17 1 in 30	)1i	<u>1 in 17</u>	1 in	40 1 in 13	3.3	<u>1 in 6</u>	
DATUM25.0		LBL						RBL			
DESIGN SURFACE	26.670 -	26.488	26.450 -	26.291 26.291 26.181	26.293 -	26.181 26.291 26.291	26.450 -	26.488 -	26.638 -	26.046 -	
EXISTING SURFACE	26.259	26.243	26.195	26.158 26.158 26.157 26.153	26.118	26.083 26.079 26.078	26.063	26.059	26.054	26.046	
OFFSET	-10.000	-8.000	-6.500		0.000	3.350 3.350 3.3690 3.3.350 3.3.350 3.3.350 3.3.350 3.3.350 3.3.350 3.3.350 3.3.350 3.3.350 3.3.350 3.3.350 3.3.350 3.3.5000 3.3.5000 3.3.5000 3.3.5000 3.3.5000 3.3.5000 3.3.5000 3.3.5000 3.3.5000 3.3.5000 3.3.5000 3.3.5000 3.3.5000 3.3.5000 3.3.5000 3.3.5000 3.3.5000 3.3.50000000000	6.500	8.000	10.000	13.550	







	26.050 26.045 26.044 26.043	26.019	26.022	26.026	26.040		
	3.350 3.650 3.800	6.500	8.000	10.000	13.169		
80.000							
				SCALE AT A1	DRAWN	1	DESIGNED
				AS SHOWN		B.LEECH	C.ROHDE
15	SUED F	OR		PROJECT ENGINEER	PROJEC <sup>*</sup>	T MANAGER [	DATE FIRST ISSUE
CO	NSTRUC	TION		M.TROUNCE	=	T.PALIOS	JULY 2021
				PROJECT No.		DRAWING No.	REVISION
				L013	901	R500	) 0
					501	RJU	

# CH 8

STATUS

1 in 30	1 in 17 1	in 40 1 in	13.3	<u>1 in 6</u>	
26.222 + 26.222 + 26.222 +	26.380 -	26.418	26.568 -	26.040 -	
26.050 26.0455 26.0435	26.019	26.022	26.026	26.040	
00000 808020 ທ່ານກາ	6.500	8.000	10.000	13.169	

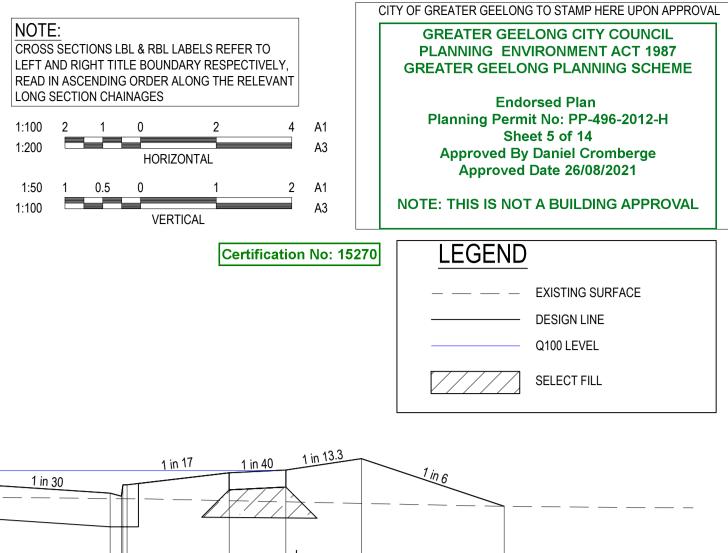
# CH 90.500

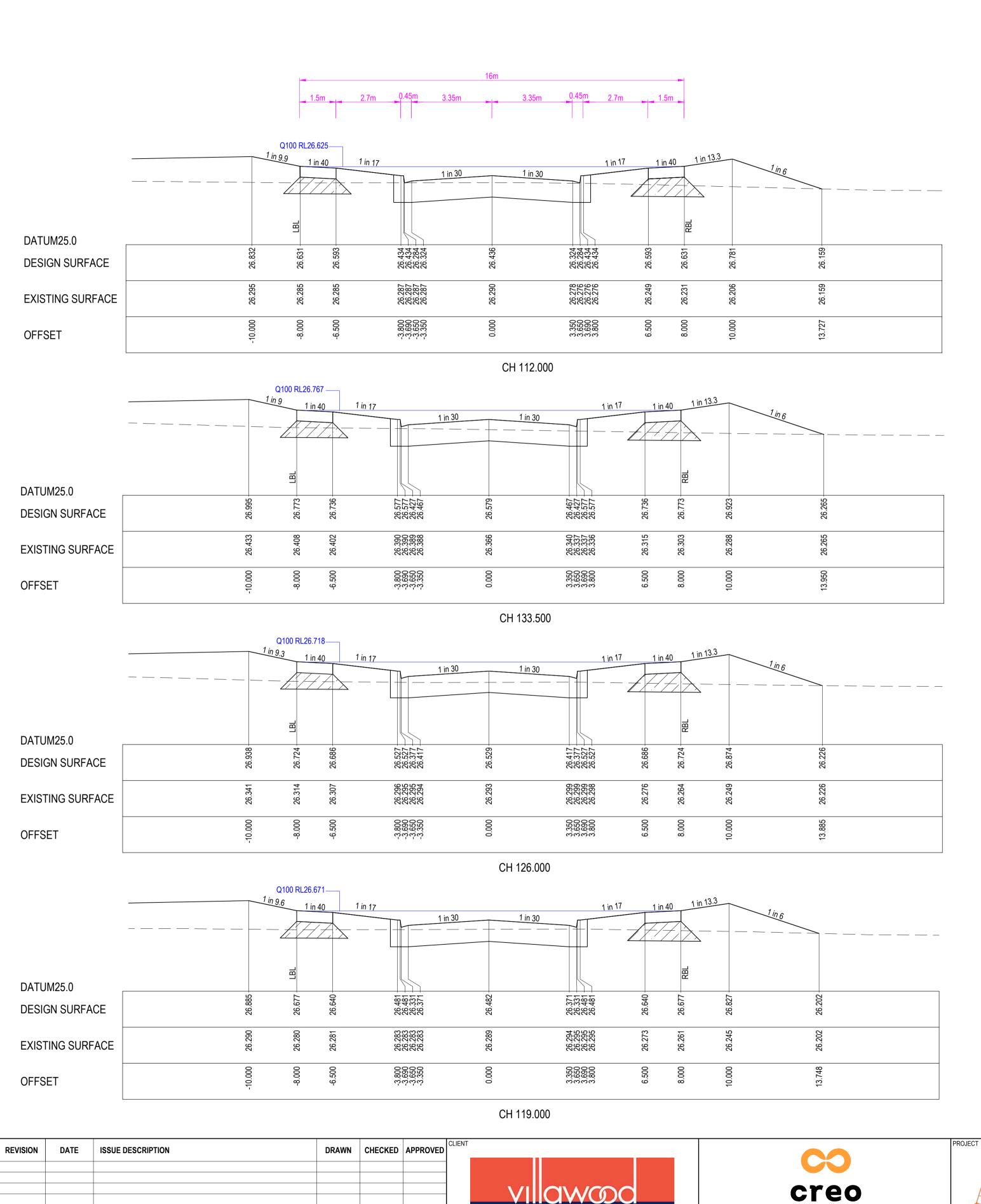
# CH 98.000

	1 in 17 1 in 40	1 in 13.3	1 in 6	
26.231 26.341 26.341 26.341	26.500	26.538 26.688	26.082	
26.141 26.138 26.137 26.137	26.120	26.112 26.101	26.082	
3.350 3.3500 3.35000 3.3500 3.35000 3.35000 3.35000 3.35000 3.35000 3.35000 3.35000 3.350000 3.350000000000	6.500	8.000	13.636	

# CH 105.000

<u>1 in 30</u>	1 in 17 1 in	40 1 in 13.3		1 in 6	<b>]</b>	_
26.278 26.238 26.388	26.388 - 26.547 -	26.584	26.734 -	06.10F	26.105 -	
26.205 26.205 26.205	26.204	26.163	26.142	26.10F	26.105	
	3.800 6.500	8.000	10.000	13 77F	13.775	





CONSTRUCTION ISSUE

AMENDED TO COUNCIL COMMENTS (20/08/21)

25/08/21

24/08/21

Α

06/08/21 TENDER ISSUE

29/07/2021 ISSUED FOR APPROVAL

properties

Communities Designed for Living

C.ROHDE M.TROUNCE T.PALIOS

C.ROHDE M.TROUNCE T.PALIOS

C.ROHDE M.TROUNCE T.PALIOS

B.LEECH M.TROUNCE T.PALIOS

CONSULTANTS Suite 1, 2 Bloomsbury Street Geelong, VIC, Australia 3220



DATUM26.0

OFFSET

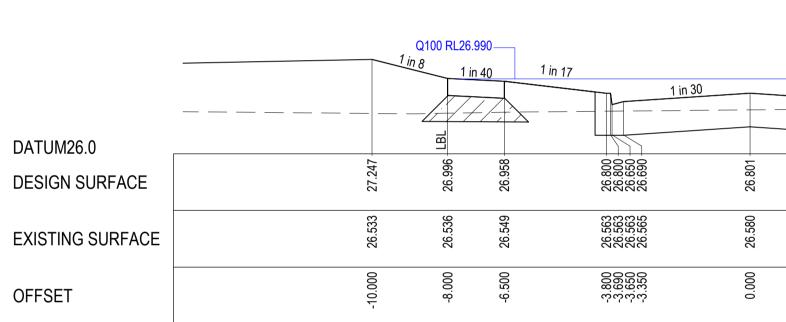
DESIGN SURFACE

EXISTING SURFACE



**ARMSTRONG - STAGE 33 ROAD CROSS SECTIONS - 02** OASIS DRIVE

DRAWING TITLE



Q100 RL26.920-

ထု

1 in 40

1 in 17

1 in 30 \_\_\_\_\_

26.730 26.730 26.580 26.620

26.497 26.498 26.499 26.501

-3.800 -3.690 -3.650 -3.350

<u>1 in 8.3</u>

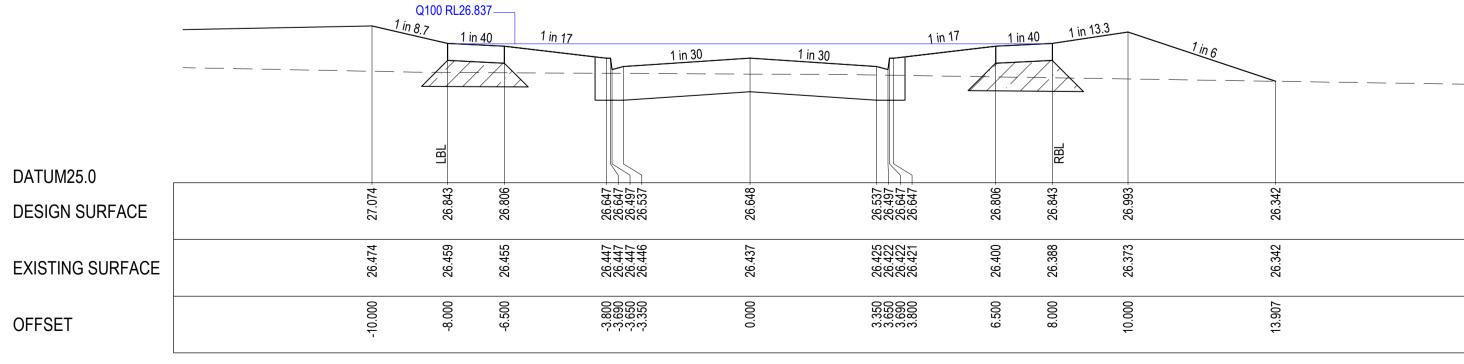
### SELECT STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS @ 45° WHERE CONSTRUCTED ABOVE NATURAL SURFACE. SELECT FILL IS TO BE TO LEVEL 1 STANDARD AND IN ACCORDANCE WITH SECTION 5.4.5 OF "ARMSTRONG CREEK PRECINCT 1 STAGES 1 & 2 GEOTECHNICAL INVESTIGATION" PREPARED BY TONKIN & TAYLOR (FILE NAME:

NOTE:

CITY OF GREATER GEELONG TO STAMP HERE UPON APPROVAL NOTE: GREATER GEELONG CITY COUNCIL PLANNING ENVIRONMENT ACT 1987 CROSS SECTIONS LBL & RBL LABELS REFER TO GREATER GEELONG PLANNING SCHEME LEFT AND RIGHT TITLE BOUNDARY RESPECTIVELY, READ IN ASCENDING ORDER ALONG THE RELEVANT LONG SECTION CHAINAGES Endorsed Plan Planning Permit No: PP-496-2012-H 1:100 2 1 0 4 A1 Sheet 6 of 14 1:200 A3 Approved By Daniel Cromberge HORIZONTAL Approved Date 26/08/2021 3187.000.R1.1, DATED DECEMBER 2012). 1:50 0.5 2 A1 0 NOTE: THIS IS NOT A BUILDING APPROVAL 1:100 A3 VERTICAL LEGEND Certification No: 15270 — — — EXISTING SURFACE — DESIGN LINE Q100 LEVEL SELECT FILL 

CH 14

STATUS



				L013	901	R50	)1	0
				PROJECT No.		DRAWING No.		REVISION
CC	ONSTRUC		J	M.TROUNCE		T.PALIOS		JULY 2021
Į.	SSUED F	OR		PROJECT ENGINEER	PROJECT	MANAGER	DATE F	IRST ISSUE
				AS SHOWN		B.LEECH		C.ROHDE
				SCALE AT A1	DRAWN		DESIGN	1ED
44.000								
	3.350 3.650 3.800	6.500	8.000	10.000	13.907			
	26.425 26.422 26.422 26.421 26.421	26.400	26.388	26.373	26.342			
	5000	26	56	50	56			

CH 156.50	)0
	<i>J</i> U

	1 in 17 1 i	n 40 1 in 80 -	13.3	1 in 6	 
26.620 26.620 26.5300	26.730-26.730-26.889-26.889-	26.926	27.076	26 441	
26.544 26.544	22 5	26.503	26.485	26 441	
3.350 3.3500 3.35000 3.35000 3.35000 3.35000 3.35000 3.35000 3.35000 3.35000 3.35000 3.350000 3.350000000000	9.500 9.500	8.000	10.000	13 808 13	

CH 167.000

	1 11 11	1 11 1 -	FU			
1 in 30		<u> </u>	LIBI -		<u>1 in 6</u>	
	26.690 26.650 26.800 26.800	26.958 -	26.996	27.146 -	26.468	
	26.586 26.583 26.581 26.581	26.552	26.535	26.513	26.468	
	3.350 3.650 3.660 3.800 3.800	6.500	8.000	10.000	14.065	

	1 in 17	<u>1 in 40</u> 1 ir	<u>13.3</u>	1 in 6	 
26.650 26.650 26.650 26.800	26.958 -	26.996	27.146	26.468	

		-	1.5m	2.7m 0	).45m 3.35m	16m 3.35m	0.45m 2.7m	1.5m	
		Q100 R	L27.226	1 in 17			1 in 17	1 in 40	1 in 13.3
			77		1 in 30	1 in 30	TH		<u> </u>
DATUM26.0		LBL						RBL	
DESIGN SURFACE		27.232	27.194	27 035	27,035 26,925 26,925	27.037	26.925 26.885 27.035 27.035	27.194	C0C 2C
EXISTING SURFACE		26.945 26.938	26.911	26 871	2000 2000 2000 2000 2000 2000 2000 200	26.749	26.708 26.708 26.707 26.707	26.701 26.698	100 20 20
OFFSET		-10.000 -8.000	-6.500	3800	2000 2000 2000 2000 2000 2000 2000 200	0.000	90000 3.3500 3.35000 3.3500 3.3500 3.35000 3.35000 3.35000 3.35000 3.35000 3.35000 3.35000 3.35000 3.35000 3.35000 3.35000 3.35000 3.35000 3.35000 3.3500000 3.3500000	6.500 8.000	
		0100 P	L27.179—			CH 202.500			
		1 in 7.2	_1 in 40	1 in 17	1 in 30	1 in 30	1 in 17	1 in 40	1 in 13.3
			///	2				KBL	<u>&gt;</u>
DATUM26.0	[	65 LBL	48	2 8		06			
DESIGN SURFACE		27.185				26.990		27.148	
EXISTING SURFACE		26.819 26.780				26.660		26.610 26.607	
OFFSET		-10.000 -8.000	-6.500		0000 0000 0000 0000 0000 0000 0000 0000 0000	000.0	3.350 3.350 3.36650 3.35500 3.355000 3.355000 3.355000 3.355000 3.355000 3.355000 3.355000 3.355000 3.355000 3.3550000000000	6.500	
		Q100 R	L27.133—	_		CH 195.500			
		1 in 7.4	1 in 40	1 in 17	1 in 30	1 in 30	1 in 17	1 in 40	1 in 13.3
			44	$\geq \lfloor$					
DATUM26.0		27.139	27.101	640	260.037 280.037 290.037 290.037 200.0000000000000000000000000000000000	26.944	26.832 26.932 26.942 26.942 26.942 26.942	27.101	
DESIGN SURFACE		26.679 27 26.655 27				26.567 26		26.531 27 26.532 27	3 
EXISTING SURFACE		-10.000 26 -8.000 26 26				0.000		6.500 26 8.000 26	
OFFICE			Ť			CH 188.500			
		Q100 R 1 in 7.6	L27.086	1 in 17			1 in 17	1 in 40	1 in 13.3
				2	1 in 30	1 in 30	+		<u> </u>
DATUM26.0		7 TBT	22			2		2 RBL	
DESIGN SURFACE		27.357				26.897		27.055	
EXISTING SURFACE		26.629				26.598		26.562	
OFFSET		-10.000	-6.500		2000 2000 2000 2000 2000 2000 2000 200	0000	90000 90000 90000 90000 90000 90000	6.500	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
		Q100 R	L27.040—	٦		CH 181.500			
		1 in 7.7	1 in 40	1 in 17	1 in 30	1 in 30	1 in 17	1 in 40	<u>1 in 13.3</u>
DATUM26.0	[								
DESIGN SURFACE		27.046				26.851		27.008 27.046	
EXISTING SURFACE		26.593	26.	90	2000 2727	26.602	90.00 200.00 200.00	26.568	20 20 20
OFFSET		-10.000 -8.000	-6.500		2000 2006 2006 2007 2007 2007 2007 2007	0.000	90000 90000 90000 90000	6.500	
					CLIENT	CH 174.500			
VISION DATE ISSUE	DESCRIPTION		DR	AWN CHECKED					
						villa	wood		
							properties		

C.ROHDE M.TROUNCE T.PALIOS

C.ROHDE M.TROUNCE T.PALIOS

C.ROHDE M.TROUNCE T.PALIOS B.LEECH M.TROUNCE T.PALIOS

25/08/21 CONSTRUCTION ISSUE

29/07/2021 ISSUED FOR APPROVAL

06/08/21 TENDER ISSUE

AMENDED TO COUNCIL COMMENTS (20/08/21)

24/08/21

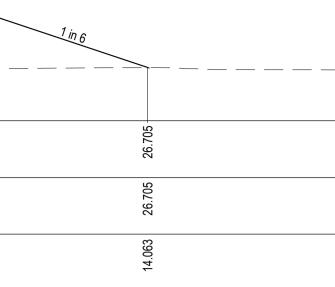
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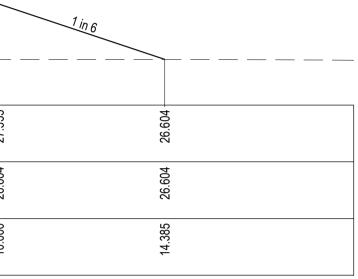
properties

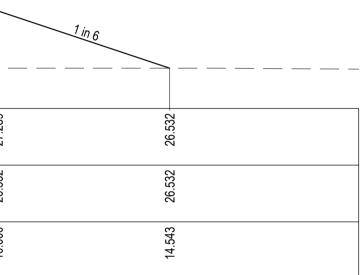
Communities Designed for Living

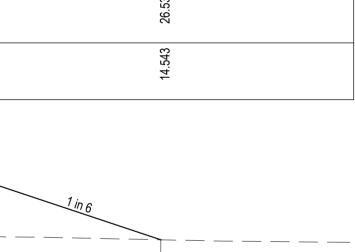
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2

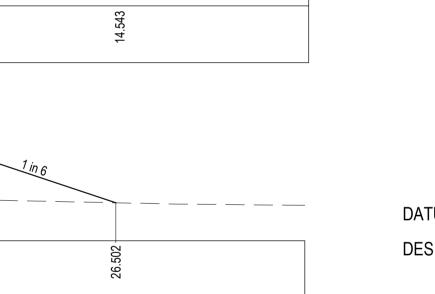
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t39

4

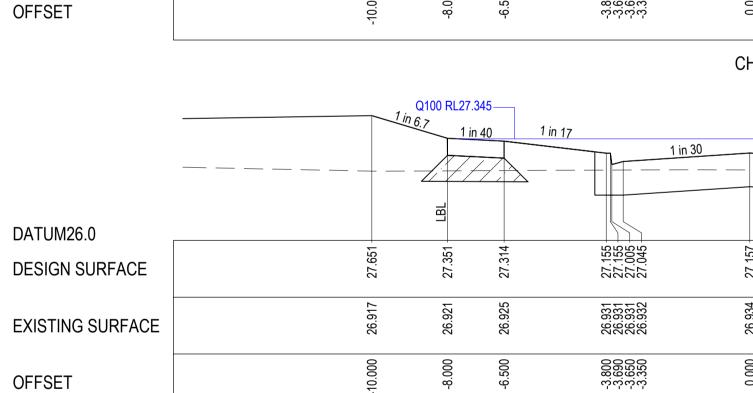
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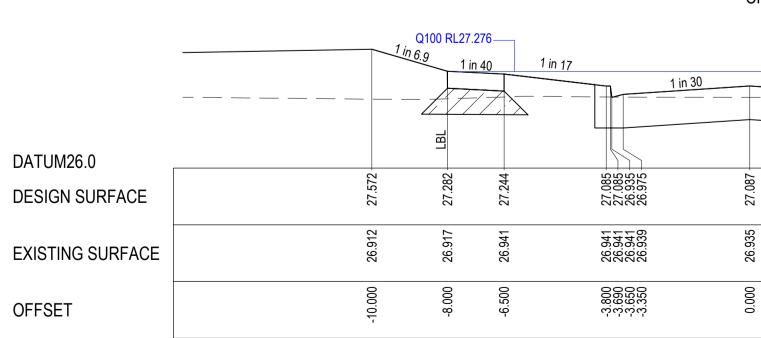
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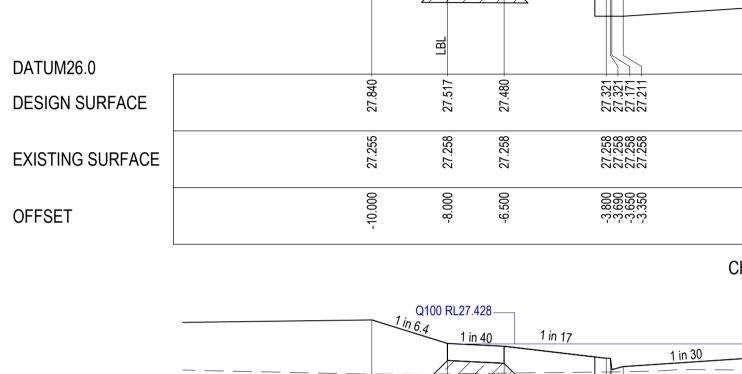
PROJECT







**ARMSTRONG - STAGE 33 ROAD CROSS SECTIONS - 03** OASIS DRIVE



Q100 RL27.511 -----

1 in 40

1 in 17

1 in 30

1 in 6.2

	 1 in 6.			1 in 30
DATUM26.0 DESIGN SURFACE	27.746	27.434	27.397	27.238 27.238 27.128 27.128
EXISTING SURFACE	27.029	27.031	27.042	27.056 27.057 27.060 27.060
OFFOFT	000.	.000	.500	

OFFSET	-10.0	-8.0	-9.5	
	 Q1 1 in 6.4	00 RL27.428		
		1 in 4(	)	1 in
	 	<u> </u>		
DATUM26.0		LBL		
DATOWZ0.0		4	$\downarrow$	

\_\_\_\_

EXISTING SURFACE	
OFFSET	

\_\_\_\_\_





	1 in 2	17 <u>1 in 4</u>	40 1 ir	113.3				
1 in 30	=+		<b>7</b>	1 in 6				
			KBL					
	26.975 26.935 27.085 27.085	27.244	27.282	27.432	26.799			
	26.900 26.901 26.902 26.902	26.912	26.900	26.865	26.799			
	3.350 3.650 3.690 3.800	6.500	8.000	10.000	13.798			
CH 210.000								
				SCALE AT A1	DRAWN		DESIGNED	
				AS SHOWN	E	B.LEECH	C.	ROHDE
ISS	UED FO	DR		PROJECT ENGINEER	PROJECT	MANAGER	DATE FIRST	ISSUE
	STRUC			M.TROUNCE	Т	.PALIOS	JU	LY 2021
				PROJECT No.		DRAWING No.	I F	REVISION
				L0139	01	R50	2	0
							•	

# CH 220.500

STATUS

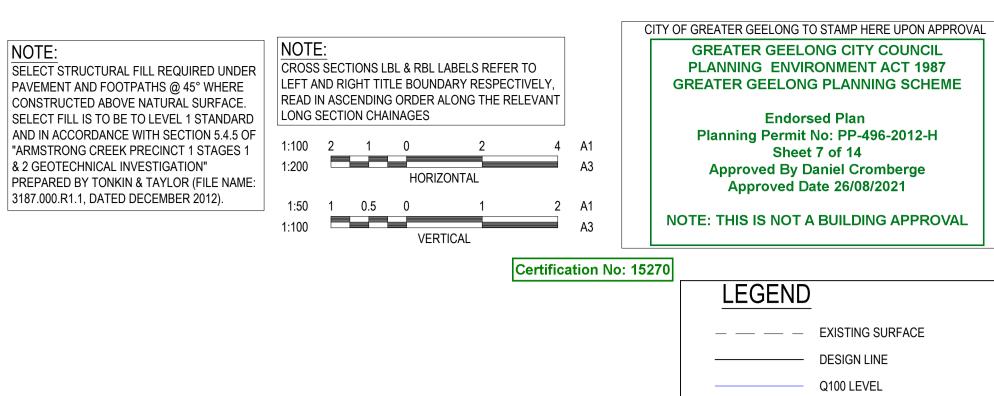
1 in 30	1 in 17	1 in	40 1 in IB2		26	
2	27.045 + 27.005 + 27.155 + 27.155 +	27.314 -	27.351	27.501 -	27.007	
r 22 22 23	26.977 26.988 26.990 26.994	27.087	27.125	27.075	27.007	
2	3.350 3.8650 3.8650 3.800 3.800	6.500	8.000	10.000	12.965	

# CH 233.000

1 in 3	1 in 17	1 in		<u>113.3</u> <u>1 in (</u>	6	 
	27.128+ 27.238+ 27.238+ 27.238+	27.397 -	27.434 -	27.584 -	27.184 -	
N000- 1-1	27.078 27.085 27.086 27.088	27.137	27.148	27.162	27.184	
	99000000000000000000000000000000000000	6.500	8.000	10.000	12.399	

# CH 245.500

				-		EXISTING SURFACE	
				-		DESIGN LINE	
				-		Q100 LEVEL	
						SELECT FILL	
	1 in 17	1 in 40	1 in 13.3	1 in 6			
1 in 30					<u> </u>		
			RBL				
	27.211+	27.480	27.517	27.667	27.314 -		
7	2222	21	21	21	21		
107.17	27.265 27.269 27.270 27.271	27.307	27.319	27.328	27.314		
4		2	5	2	5		
	3.350 3.650 3.800 3.800	6.500	8.000	10.000	12.122		
				Ţ	<i>t</i>		





25/08/21

24/08/21 06/08/21 CONSTRUCTION ISSUE

TENDER ISSUE

29/07/2021 ISSUED FOR APPROVAL

AMENDED TO COUNCIL COMMENTS (20/08/21)

properties

Communities Designed for Living

C.ROHDE M.TROUNCE T.PALIOS

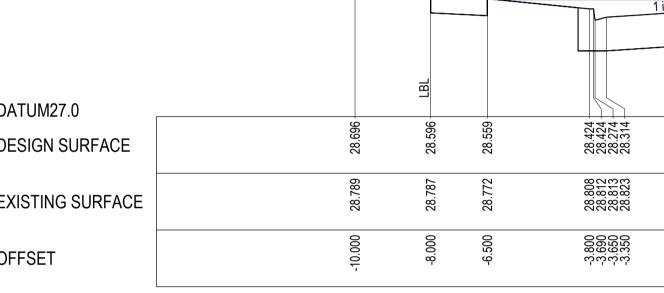
C.ROHDE M.TROUNCE T.PALIOS

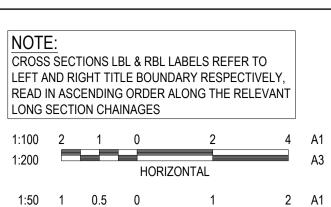
C.ROHDE M.TROUNCE T.PALIOS

B.LEECH M.TROUNCE T.PALIOS









1:100 A3 VERTICAL

NOTE:

SELECT STRUCTURAL FILL REQUIRED UNDER

PAVEMENT AND FOOTPATHS @ 45° WHERE

CONSTRUCTED ABOVE NATURAL SURFACE.

SELECT FILL IS TO BE TO LEVEL 1 STANDARD

AND IN ACCORDANCE WITH SECTION 5.4.5 OF

PREPARED BY TONKIN & TAYLOR (FILE NAME:

"ARMSTRONG CREEK PRECINCT 1 STAGES 1

& 2 GEOTECHNICAL INVESTIGATION"

3187.000.R1.1, DATED DECEMBER 2012).

				L013901			R503	
				11300	)1	R5	በ3	
			PROJECT No.		-	DRAWING No.		RE
CONST	RUCTION		M.TROUNCE		ר	T.PALIOS		JUL
ISSUE	D FOR		PROJECT ENG	GINEER	PROJECT	MANAGER	DATE F	IRST IS
		AS SHOWN			B.LEECH		C.R	
			SCALE AT A1		DRAWN		DESIGN	IED
CH 314.865			_					
0.000	33.950 33.950 33.950 33.950 33.950 33.950 33.950 33.950 33.950 33.950 33.950 33.950 34.950 35.9500 35.9500 35.9500 35.9500 35.9500 35.9500 35.9500 35.9500 35.9500 35.9500 35.9500 35.9500 35.9500 35.9500 35.9500 35.9500 35.9500 35.95000 35.95000 35.95000 35.95000 35.95000 35.95000 35.95000 35.95000 35.95000 35.950000 35.9500000000000000000000000000000000000	6.500	8.000	9.955				
28.430	28.487 28.488 28.488 28.488 28.488	28.478	28.475	28.484				
0	$\sim \infty \infty \infty$	<u> </u>	10					

C.ROHDE

JULY 2021

REVISION

0

DATE FIRST ISSUE

n 30 1 in 3	01 in 20	) 1 in 40	1in6		 	
27.987 -	27.876 - 27.836 - 27.986 - 27.986 -	28.121 -	28.158 -	28.484 -		
28.430	28.487 28.488 28.488 28.488 28.488	28.478	28.475	28.484		
0.000	33.550 33.690 33.690 33.890 33.33 33.35 33	6.500	8.000	9.955		

	1 in 20	1 in 40	100	
n 30 1 in	30			
			RBL	
28.177 -	28.065+ 28.025+ 28.175+ 28.175+	28.310	28.346 -	
28.614	28.617 28.618 28.618 28.618	28.621	28.02U	
0.000	00000 99920 99920 99920 99920 99930 99900 99030 99000 99000 900000 900000 900000 9000000	6.500	6.000 11 78 20	

n 30 1 in 30	1 in 20	1 in 4		1in6	·
28.425 -	28.314 - 28.374 - 28.424 - 28.424 -	28.559 -	28.596 -	29.092 -	
28.918	28.966 28.966 28.9668 28.9688	28.940	29.107	29.092	
0.000	90000000000000000000000000000000000000	6.500	8.000	10.973	

LEGEND

— — — EXISTING SURFACE

Q100 LEVEL

SELECT FILL

— DESIGN LINE

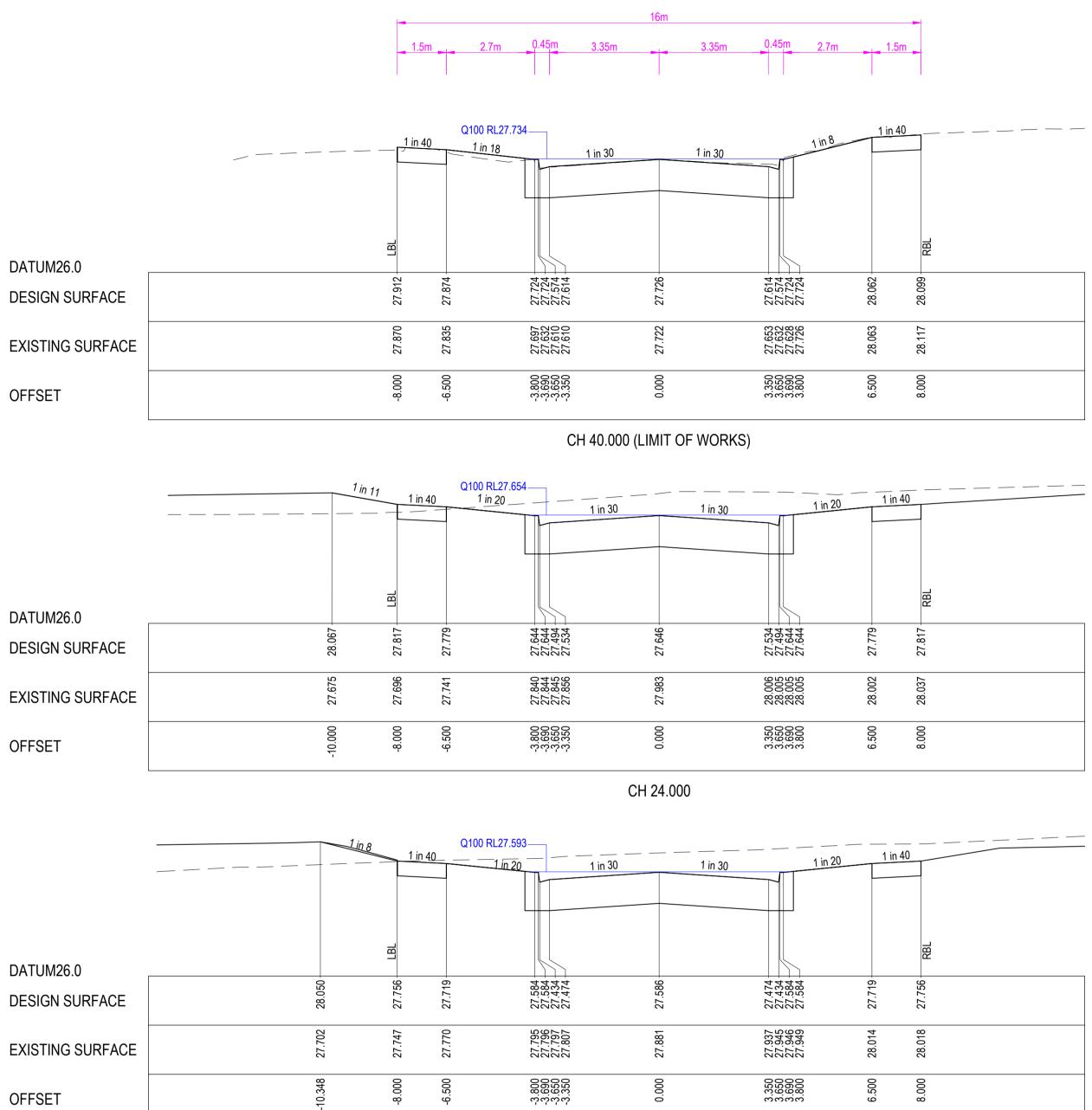
### Endorsed Plan Planning Permit No: PP-496-2012-H Sheet 8 of 14 Approved By Daniel Cromberge Approved Date 26/08/2021

**GREATER GEELONG PLANNING SCHEME** 

NOTE: THIS IS NOT A BUILDING APPROVAL

CITY OF GREATER GEELONG TO STAMP HERE UPON APPROVAL

GREATER GEELONG CITY COUNCIL PLANNING ENVIRONMENT ACT 1987



CH 11.950 (TANGENT POINT)

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED	CLIENT
						properties
-						properties
0	25/08/21	CONSTRUCTION ISSUE	C.ROHDE	M.TROUNCE	T.PALIOS	
С	24/08/21	AMENDED TO COUNCIL COMMENTS (20/08/21)	C.ROHDE	M.TROUNCE	T.PALIOS	Communities Designed for Living Geelor
В	06/08/21	TENDER ISSUE	C.ROHDE	M.TROUNCE	T.PALIOS	
А	29/07/2021	ISSUED FOR APPROVAL	B.LEECH	M.TROUNCE	T.PALIOS	

## NOTE:

SELECT STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS @ 45° WHERE CONSTRUCTED ABOVE NATURAL SURFACE. SELECT FILL IS TO BE TO LEVEL 1 STANDARD AND IN ACCORDANCE WITH SECTION 5.4.5 OF "ARMSTRONG CREEK PRECINCT 1 STAGES 1 & 2 GEOTECHNICAL INVESTIGATION" PREPARED BY TONKIN & TAYLOR (FILE NAME: 3187.000.R1.1, DATED DECEMBER 2012).



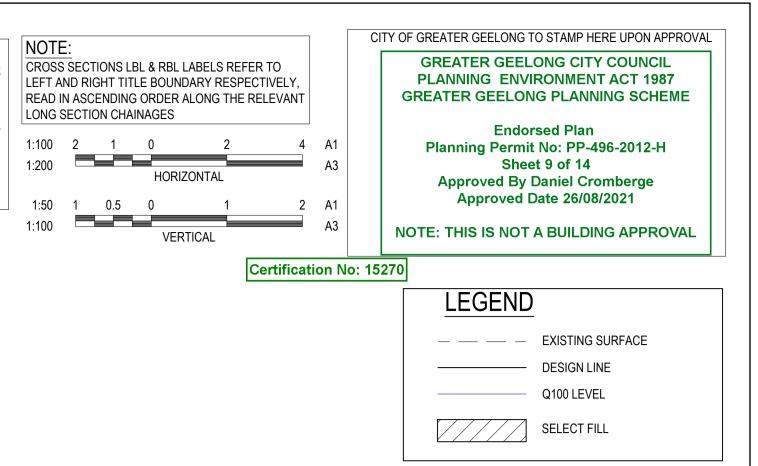


PROJECT

DRAWING TITLE

**ARMSTRONG - STAGE 33 ROAD CROSS SECTIONS - 05** MANNA GUM DRIVE

STATUS



	AS SHOWN	В	LEECH	(	C.ROHDE
ISSUED FOR CONSTRUCTION	PROJECT ENGINEER M.TROUNCE	PROJECT N	MANAGER .PALIOS	DATE FIRST ISSUE	
	PROJECT No.		DRAWING No.		REVISION
	L01390	1	R50	4	0

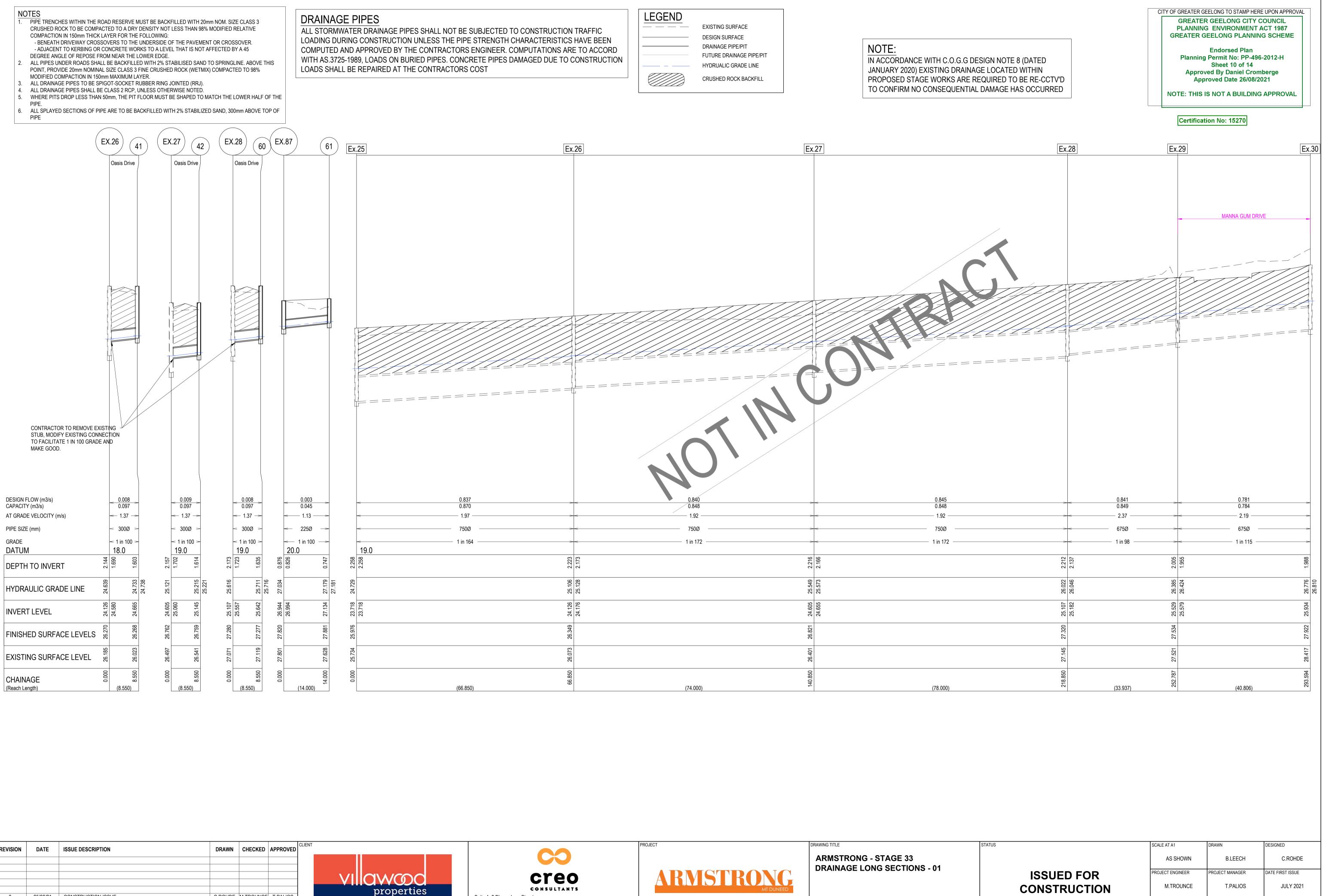
SCALE AT A1

DRAWN

DESIGNED

- POINT, PROVIDE 20mm NOMINAL SIZE CLASS 3 FINE CRUSHED ROCK (WETMIX) COMPACTED TO 98%

- PIPE.



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED	CLIENT	
						properties	
0	25/08/21	CONSTRUCTION ISSUE	C.ROHDE	M.TROUNCE	T.PALIOS		Suite 1, 2
С	24/08/21	AMENDED TO COUNCIL COMMENTS (20/08/21)	C.ROHDE	M.TROUNCE	T.PALIOS	Communities Designed for Living	Geelong,
В	06/08/21	TENDER ISSUE	C.ROHDE	M.TROUNCE	T.PALIOS	a binde vigenst dan skredit skalt de in novo onstatisken i 1112 i 120 🗣 sider skredit beskiller. Kundiden for Mater 🌄 si	
А	29/07/2021	ISSUED FOR APPROVAL	<b>B.LEECH</b>	M.TROUNCE	T.PALIOS		





PROJECT No.

L013901

DRAWING No.

**R600** 

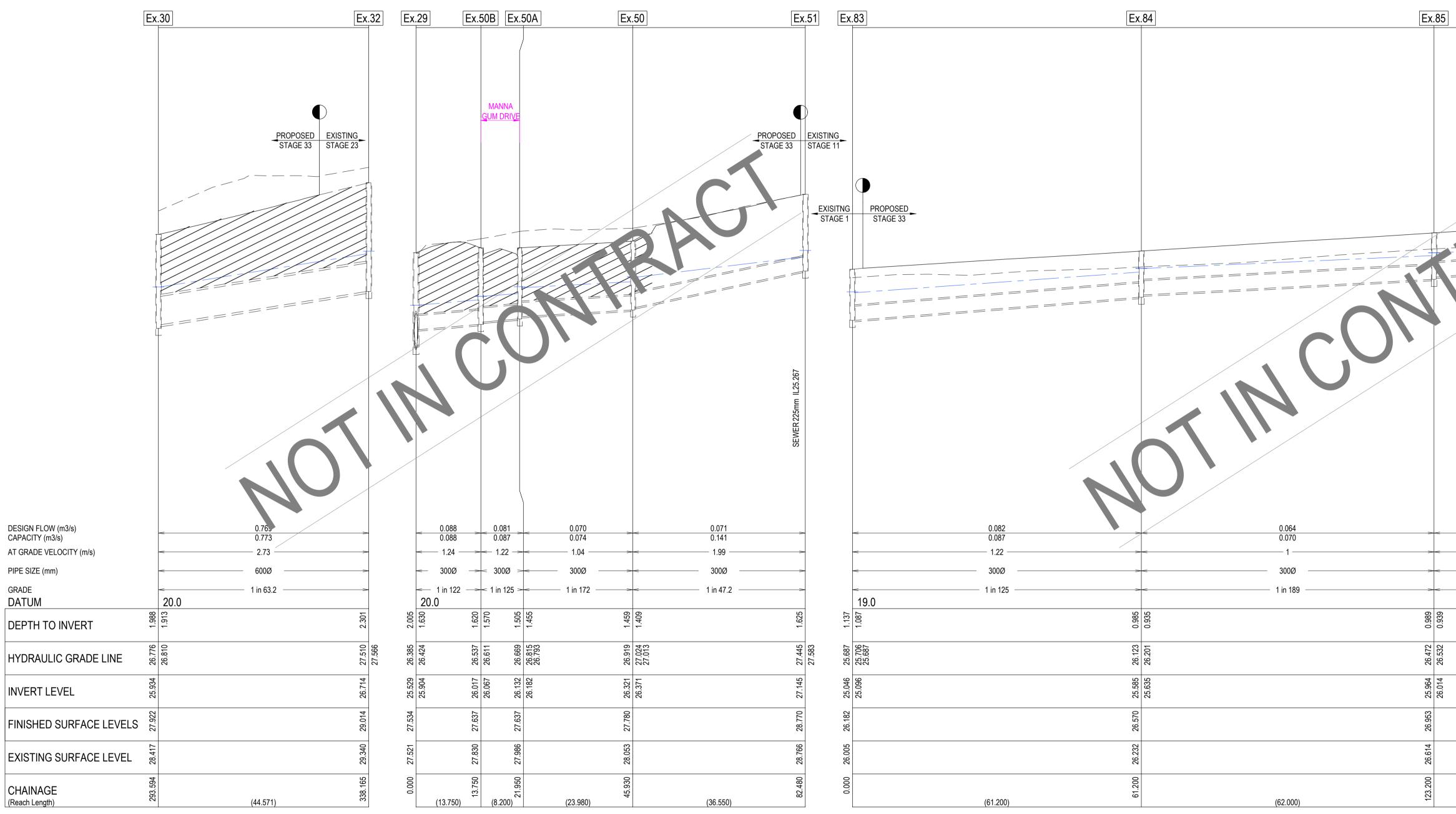
REVISION

0

### NOTES

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

# NOTE:



GRADE

DATUM

$\overline{\sim}$							
KUNG/18	REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED	CLIENT
RISIN							
LLAWC							VIIIUVUJU
16 - VI	0	25/08/21	CONSTRUCTION ISSUE	C.ROHDE	M.TROUNCE	T.PALIOS	
1800	С	24/08/21	AMENDED TO COUNCIL COMMENTS (20/08/21)	C.ROHDE	M.TROUNCE	T.PALIOS	Communities Designed for Living Geelong
18/	В	06/08/21	TENDER ISSUE	C.ROHDE	M.TROUNCE	T.PALIOS	o develo agreente da la develo de develo e de televisione de la develo de velo develo de la develo develo develo develo de la develo develo develo develo develo develo develo deve
Ь:'Z	A	29/07/2021	ISSUED FOR APPROVAL	B.LEECH	M.TROUNCE	T.PALIOS	

### IN ACCORDANCE WITH C.O.G.G DESIGN NOTE 8 (DATED JANUARY 2020) EXISTING DRAINAGE LOCATED WITHIN PROPOSED STAGE WORKS ARE REQUIRED TO BE RE-CCTV'D TO CONFIRM NO CONSEQUENTIAL DAMAGE HAS OCCURRED

LEGEND	
	EXISTING SURFACE
	DESIGN SURFACE
	DRAINAGE PIPE/PIT
	FUTURE DRAINAGE PIPE/PIT
	HYDRUALIC GRADE LINE
	CRUSHED ROCK BACKFILL





PROJECT

DRAWING TITLE

**ARMSTRONG - STAGE 33 DRAINAGE LONG SECTIONS - 02**  STATUS

	PLANN GREATE Plann App A NOTE: TH Certif	VING EN R GEEL hing Peri Sh proved E Approve IIS IS NC fication	ELONG CITY CO IVIRONMENT AC ONG PLANNING dorsed Plan mit No: PP-496-2 eet 11 of 14 By Daniel Cromb d Date 26/08/202 DT A BUILDING A No: 15270	EX.8	7
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	501 26.807			351 27.170	L1 .LJL
	27.355 26.501	26.5		27.735 26.951	
	27.168 27			27.662	
(62.000)	185.200		(32.000)	217.200	
(62.000)		DRAN			Ε
ISSUED FOR CONSTRUCTION	PROJECT ENGINEER M.TROUNCE	PRO	T.PALIOS	DATE FIRST ISSUE	21
	PROJECT No.	901	DRAWING No.	REVISIO	)N <b>O</b>

CITY OF GREATER GEELONG TO STAMP HERE UPON APPROVAL



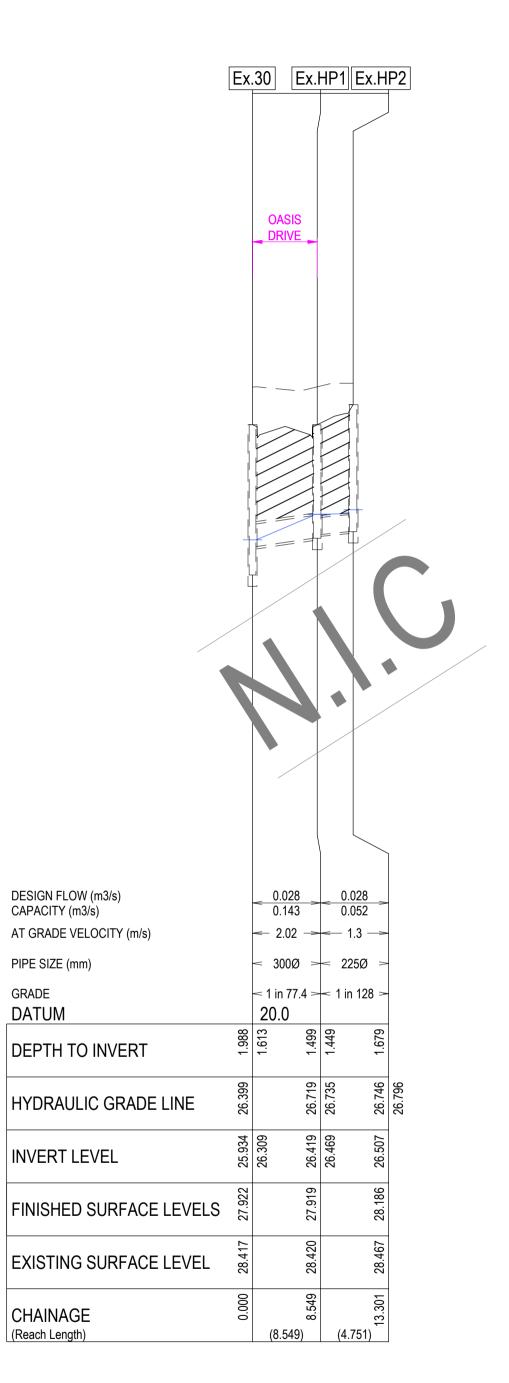
PIPE

- PIPE TRENCHES WITHIN THE ROAD RESERVE MUST BE BACKFILLED WITH 20mm NOM. SIZE CLASS 3 CRUSHED ROCK TO BE COMPACTED TO A DRY DENSITY NOT LESS THAN 98% MODIFIED RELATIVE COMPACTION IN 150mm THICK LAYER FOR THE FOLLOWING:

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

# NOTE:

IN ACCORDANCE WITH C.O.G.G DESIGN NOTE 8 (DATED JANUARY 2020) EXISTING DRAINAGE LOCATED WITHIN PROPOSED STAGE WORKS ARE REQUIRED TO BE RE-CCTV'D TO CONFIRM NO CONSEQUENTIAL DAMAGE HAS OCCURRED



									PIT SCHEDUL			
PIT NAME	ТҮРЕ	INTE	ERNAL	INL	ET	OL	JTLET	– F.S.L. (m)	DEPTH(m)	EXISTING COVER LEVEL (m)	STANDARD DRAWING	
	ITE	WIDTH(mm)	LENGTH(mm)	DIAMETER(mm)	INVERT R.L.(m)	DIAMETER(mm)	INVERT R.L.(m)	F.3.L. (III)			STANDARD DRAWING	
Ex.26	Ex.JUNCTION PIT	900	900	Ex.750	24.176	Ex.750	24.126	26.271	2.145	26.073	IDM SD 430	EXISTING
				300	24.58							
Ex.27	Ex.JUNCTION PIT	900	900	Ex.750	24.655	Ex.750	24.605	26.763	2.158	26.401	IDM SD 430	EXISTING
				300	25.06							
Ex.28	Ex.JUNCTION PIT	900	900	Ex.675	25.182	Ex.750	25.107	27.281	2.174	27.145	IDM SD 430	EXISTING
				300	25.557							
Ex.29	Ex.JUNCTION PIT	900	900	Ex.675	25.579	Ex.675	25.529	27.503	1.974	27.400	IDM SD 430	
				Ex.300	25.904							
Ex.30	Ex.JUNCTION PIT	900	900	Ex.600	25.934	Ex.675	25.934	27.893	1.959	28.320	IDM SD 430	
				Ex.300	26.309							
Ex.50B	<b>Ex.JUNCTION PIT</b>	600	900	Ex.300	26.067	Ex.300	26.017	27.609	1.592	27.830	IDM SD 430	
Ex.50A	<b>Ex.JUNCTION PIT</b>	600	900	Ex.300	26.182	Ex.300	26.132	27.609	1.477	27.968	IDM SD 430	
Ex.50	<b>Ex.JUNCTION PIT</b>	600	900	Ex.300	26.371	Ex.300	26.321	27.794	1.473	27.780	IDM SD 430	
Ex.84	<b>Ex.JUNCTION PIT</b>	600	900	Ex.300	25.635	Ex.300	25.585	26.541	0.956	26.570	IDM SD 425	
Ex.85	<b>Ex.JUNCTION PIT</b>	600	900	Ex.300	26.014	Ex.300	25.964	26.946	0.982	26.953	IDM SD 425	
Ex.86	<b>Ex.JUNCTION PIT</b>	600	900	Ex.225	26.576	Ex.300	26.501	27.491	0.990	27.347	IDM SD 425	
Ex.87	<b>Ex.JUNCTION PIT</b>	600	900	225	26.994	Ex.225	26.944	27.82	0.876	27.800	IDM SD 425	
Ex.HP1	<b>Ex.JUNCTION PIT</b>	600	900	Ex.225	26.469	Ex.300	26.419	27.919	1.500	28.800	IDM SD 430	
EX.HP2	<b>Ex.JUNCTION PIT</b>	600	900	Ex.225	27.712	Ex.225	26.507	28.186	1.679	28.800	IDM SD 420	
41	SIDE ENTRY PIT	600	900	-	-	300	24.665	26.268	1.603	-	IDM SD 430	
42	SIDE ENTRY PIT	600	900	-	-	300	25.145	26.759	1.614	-	IDM SD 430	
60	SIDE ENTRY PIT	600	900	-	-	300	25.642	27.277	1.635	-	IDM SD 430	
61	JUNCTION PIT	600	900	-	-	225	27.134	27.881	0.747	-	IDM SD 425	

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED	JENT	
						properties	
0	25/08/21	CONSTRUCTION ISSUE	C.ROHDE	M.TROUNCE	T.PALIOS		Suite 1,
С	24/08/21	AMENDED TO COUNCIL COMMENTS (20/08/21)	C.ROHDE	M.TROUNCE	T.PALIOS	Communities Designed for Liv	ring Geelon
В	06/08/21	TENDER ISSUE	C.ROHDE	M.TROUNCE	T.PALIOS	<ul> <li>In the spectra of a state of the state of th</li></ul>	
А	29/07/2021	ISSUED FOR APPROVAL	B.LEECH	M.TROUNCE	T.PALIOS		

# LEGEND





PROJECT

DRAWING TITLE

ARMSTRONG - STAGE 33 DRAINAGE LONG SECTIONS - 03 STATUS

CITY OF GREATER GEELONG TO STAMP HERE UPON APPROVAL GREATER GEELONG CITY COUNCIL PLANNING ENVIRONMENT ACT 1987 GREATER GEELONG PLANNING SCHEME

> Endorsed Plan Planning Permit No: PP-496-2012-H Sheet 12 of 14 Approved By Daniel Cromberge Approved Date 26/08/2021

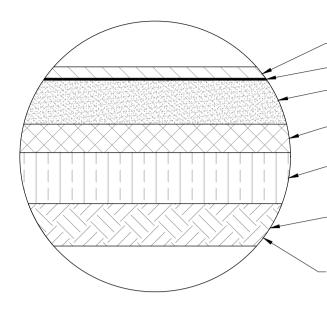
NOTE: THIS IS NOT A BUILDING APPROVAL

Certification No: 15270

REMARKS
NG PIT TO BE RAISED TO SUIT THE FINISHED SURFACE AND CONVERTED TO A SIDE ENTRY PIT. REMOVE EXISTING STUB, MODIFY EXISTING CONNECTION TO FACILITATE 1 IN 100 GRADE AND MAKE GOOD.
NG PIT TO BE RAISED TO SUIT THE FINISHED SURFACE AND CONVERTED TO A SIDE ENTRY PIT. REMOVE EXISTING STUB, MODIFY EXISTING CONNECTION TO FACILITATE 1 IN 100 GRADE AND MAKE GOOD.
NG PIT TO BE RAISED TO SUIT THE FINISHED SURFACE AND CONVERTED TO A SIDE ENTRY PIT. REMOVE EXISTING STUB, MODIFY EXISTING CONNECTION TO FACILITATE 1 IN 100 GRADE AND MAKE GOOD.
EXISTING PIT TO BE RAISED TO SUIT THE FINISHED SURFACE AND CONVERTED TO A SIDE ENTRY PIT.
EXISTING PIT TO BE CUT DOWN TO SUIT THE FINISHED SURFACE AND CONVERTED TO A SIDE ENTRY PIT.
EXISTING PIT TO BE CUT DOWN TO SUIT THE FINISHED SURFACE AND CONVERTED TO A SIDE ENTRY PIT.
EXISTING PIT TO BE CUT DOWN TO SUIT THE FINISHED SURFACE AND CONVERTED TO A SIDE ENTRY PIT.
EXISTING PIT TO BE RAISED TO SUIT THE FINISHED SURFACE AND CONVERTED TO A SIDE ENTRY PIT.
EXISTING PIT TO BE CUT DOWN TO SUIT THE FINISHED SURFACE
EXISTING PIT TO BE CUT DOWN TO SUIT THE FINISHED SURFACE
EXISTING PIT TO BE RAISED TO SUIT THE FINISHED SURFACE
BREAK INTO EXISTING PIT AND CONNECT 225Ø PIPE AND MAKE GOOD.
EXISTING PIT TO BE CUT DOWN TO SUIT THE FINISHED SURFACE AND CONVERTED TO A SIDE ENTRY PIT.
EXISTING PIT TO BE CUT DOWN TO SUIT THE FINISHED SURFACE.
NOTE:

PIT COVERS ARE TO BE PROVIDED IN ACCORDANCE WITH CITY OF GREATER GEELONG DESIGN NOTE 13. ALL PITS WITHIN ROAD RESERVE ARE TO BE CLASS C FIBREGLASS REINFORCED PLASTIC (FRP) UNLESS AGREED OTHERWISE.

	SCALE AT A1	DRAWN		DESIGNED		
	AS SHOWN	B.LEECH		C.ROHDE		
ISSUED FOR	PROJECT ENGINEER	PROJECT	PROJECT MANAGER		DATE FIRST ISSUE	
CONSTRUCTION	M.TROUNCE	Т	T.PALIOS		JULY 2021	
	PROJECT No.		DRAWING No.		REVISION	
	L01390	1	R60	0	0	



### PAVEMENT COMPOSITION MANNA GUM & OASIS DRIVE 475mm DEPTH

-40mm SIZE 14 mm TYPE N CLASS 320 ASHPALT

### -PRIME OR 7mm PRIMERSEAL

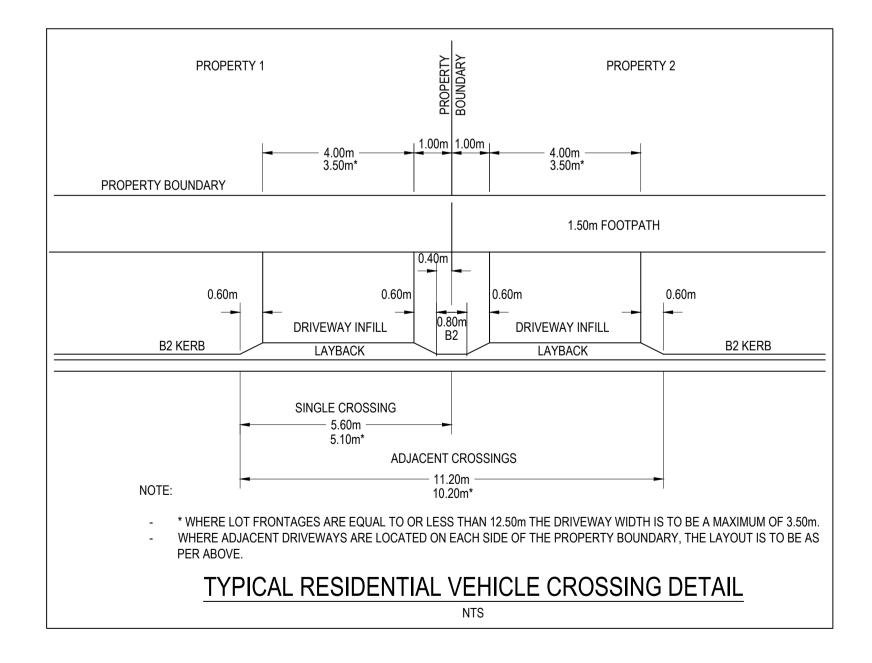
-100mm SIZE 20mm CLASS 3 CRUSHED ROCK COMPACTED TO A MINIMUM DENSITY RATIO 96% (MODIFIED) AS1289, 5.2.1

-180mm SELECT FILL OR STABILISED CLAY MEETING THE FOLLOWING MATERIAL PROPERTIES:  $CBR \stackrel{>}{_{-}} 7\%$ , SWELL  $\stackrel{<}{_{-}} 1.5\%$ , PERMIABILITY k  $\stackrel{<}{_{-}} 5x10^{-9}$ m/s (5x 10<sup>-7</sup>cm/s)COMPACTED TO A MINIMUM DENSITY OF RATIO 98% (STANDARD) AS1289, 5.1.1

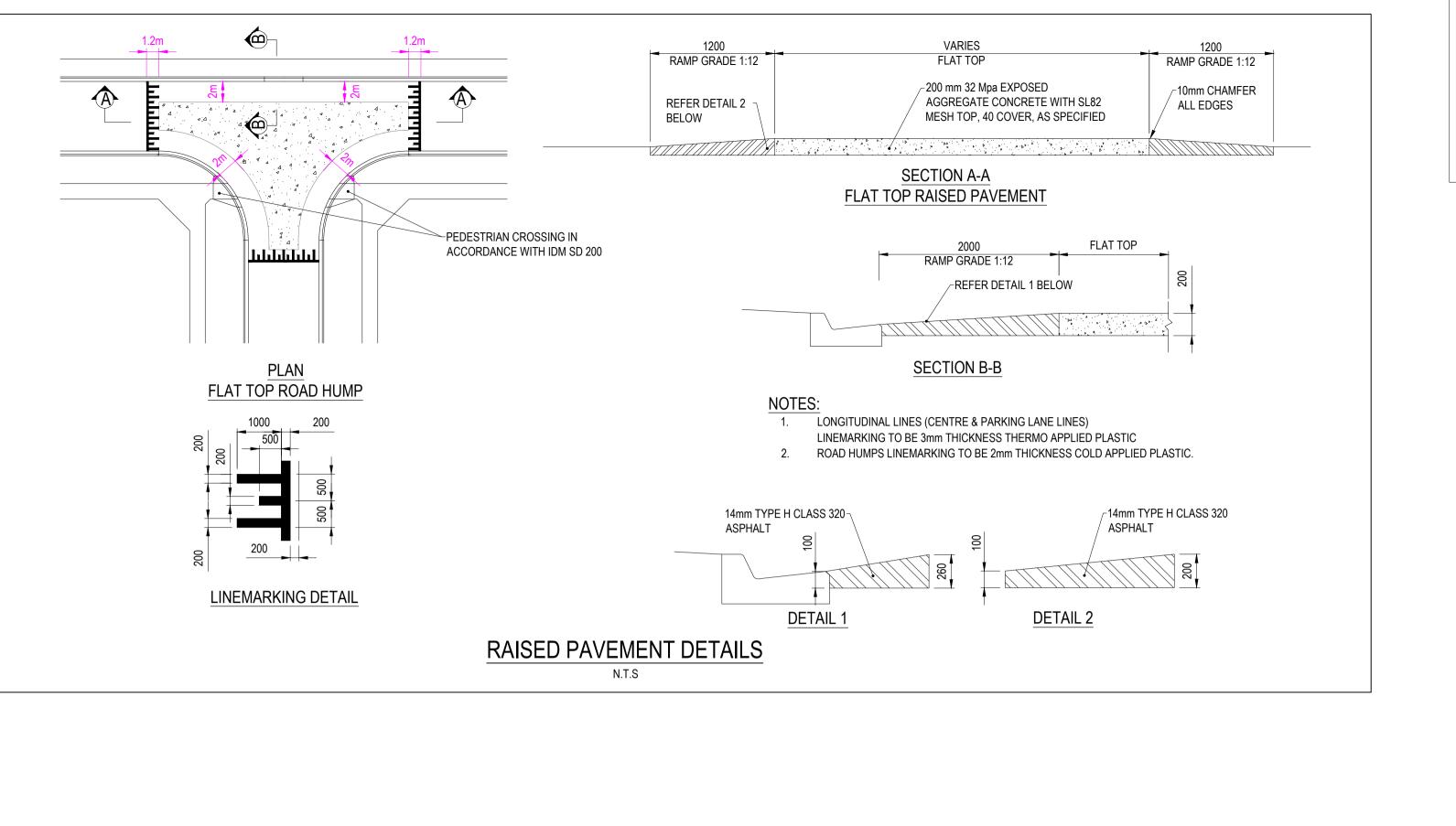
--MATERIAL AS FOUND (SILTY CLAY) COMPACTED TO A MINIMUM DENSITY OF RATIO 98% (STANDARD) AS1289, 5.1.1 WHERE SELECT FILL CAPPING LAYER IS ADOPTED

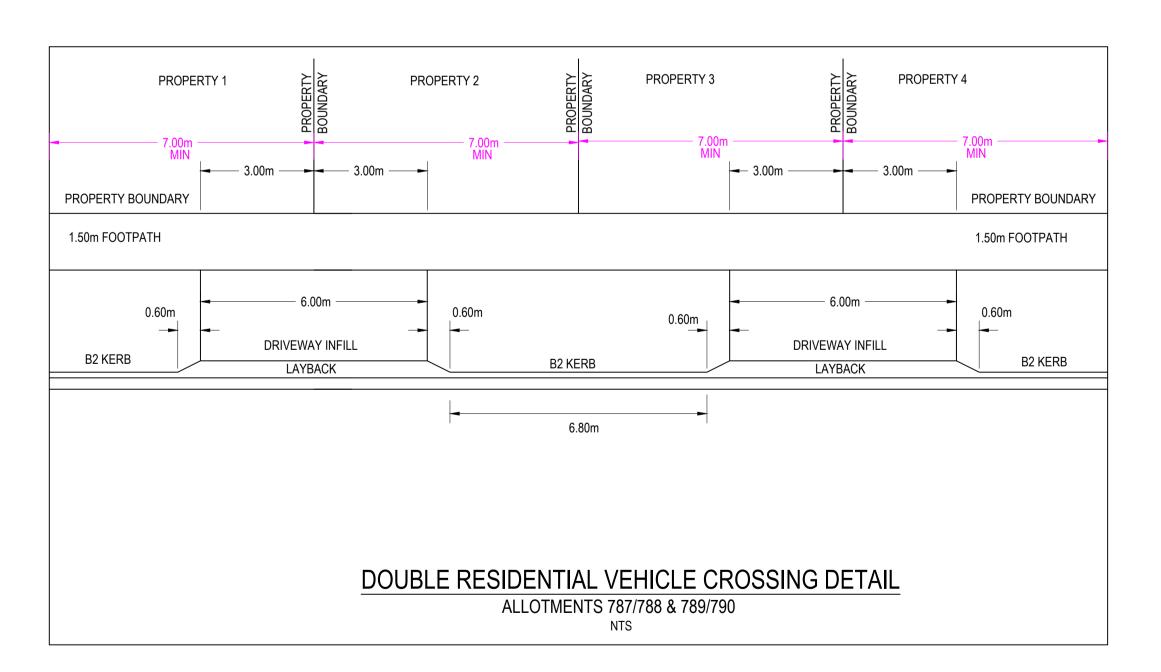
- <u>SUBGRADE IMPROVEMENT:</u> WHERE EXISTING MATERIAL IS UNSUITABLE FOR USE AS PAVEMENT SUBGRADE, AT THE INSTRUCTION OF THE SUPERINTENDENT, CONTRACTOR TO

EITHER; 1. STABILISE INSITU MATERIAL WITH 3% LIME UP TO 300mm DEPTH OR; 2. REMOVE ADDITIONAL 300mm DEPTH INSITU MATERIAL AND REPLACE WITH TYPE A MATERIAL MEETING THE FOLLOWING MATERIAL: CBR  $\geq$  15%, SWELL  $\leq$  1.5%, PERMEABILITY k  $\leq$  5x10<sup>-9</sup>m/s (5x 10<sup>-7</sup>cm/s) COMPACTED TO A MINIMUM DENSITY OF RATIO 98% (STANDARD) AS1289, 5.1.1.



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED	CLIENT		
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							VIIIQWOOQ	<b>C</b> 0
0	25/08/21	CONSTRUCTION ISSUE	C.ROHDE	M.TROUNCE	T.PALIOS	-	properties	Suite 1, 2 Bloomsbury Street
С	24/08/21	AMENDED TO COUNCIL COMMENTS (20/08/21)	C.ROHDE	M.TROUNCE	T.PALIOS		Communities Designed for Living	Geelong, VIC, Australia 3220
В	06/08/21	TENDER ISSUE	C.ROHDE	M.TROUNCE	T.PALIOS		annan a chaire annan an Annan an Annan ann an Annan an Annan a 🥌 a tha Chairle anna a 🥌 a	
A	29/07/2021	ISSUED FOR APPROVAL	B.LEECH	M.TROUNCE	T.PALIOS			







PROJECT

CO

CCTEO CONSULTANTS DRAWING TITLE

ARMSTRONG - STAGE 33 TYPICAL DETAILS STATUS

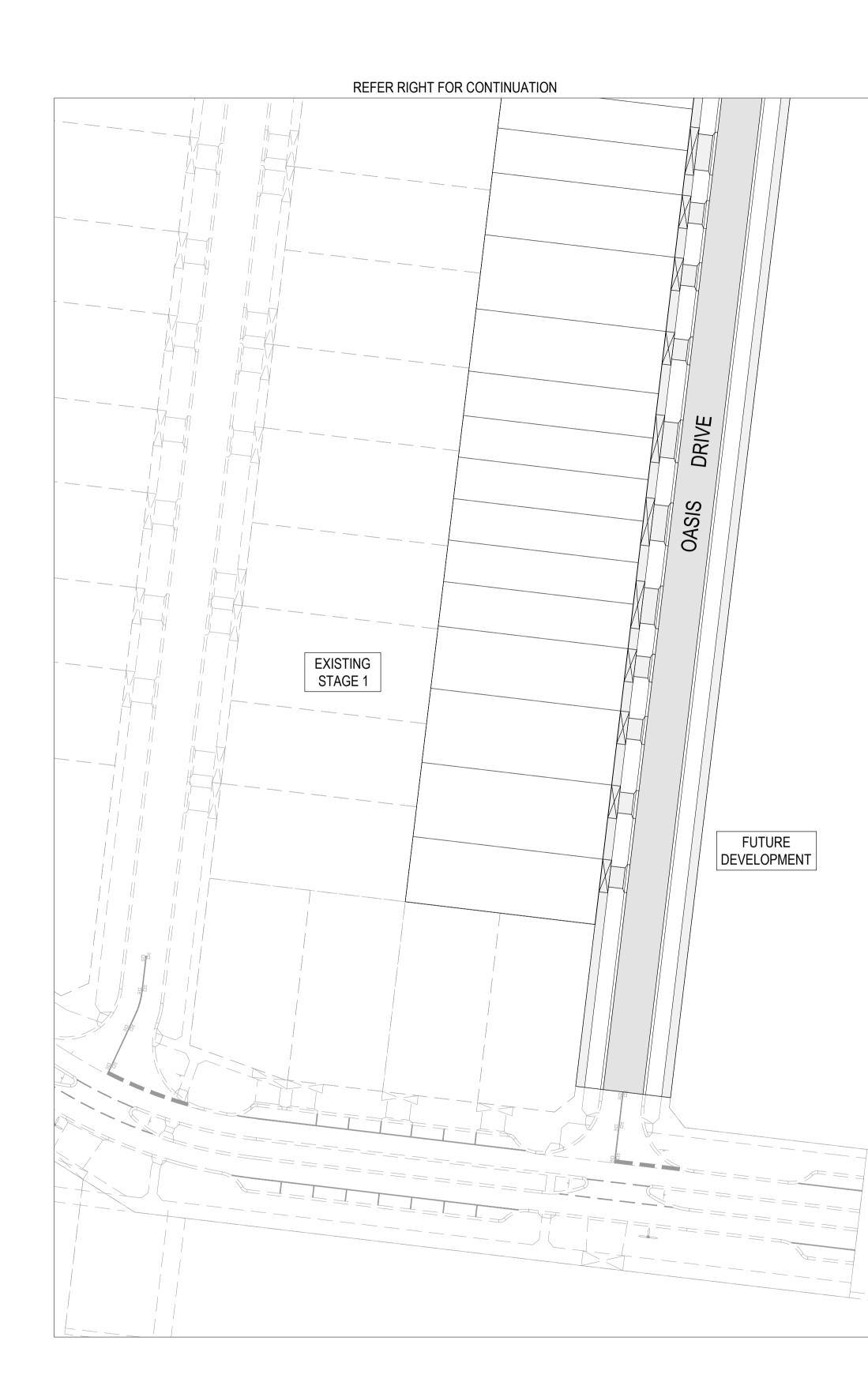
	SCALE AT A1	DRAWN		DESIGNED	
ISSUED FOR	AS SHOWN	E	B.LEECH	C.ROHDE	
	PROJECT ENGINEER	PROJECT	MANAGER	DATE FIRST ISSUE	
CONSTRUCTION	M.TROUNCE	L I	T.PALIOS	J	ULY 2021
	PROJECT No.		DRAWING No.		REVISION
	L01390	)1	R70	0	0

CITY OF GREATER GEELONG TO STAMP HERE UPON APPROVAL GREATER GEELONG CITY COUNCIL PLANNING ENVIRONMENT ACT 1987 GREATER GEELONG PLANNING SCHEME

> Endorsed Plan Planning Permit No: PP-496-2012-H Sheet 13 of 14 Approved By Daniel Cromberge Approved Date 26/08/2021

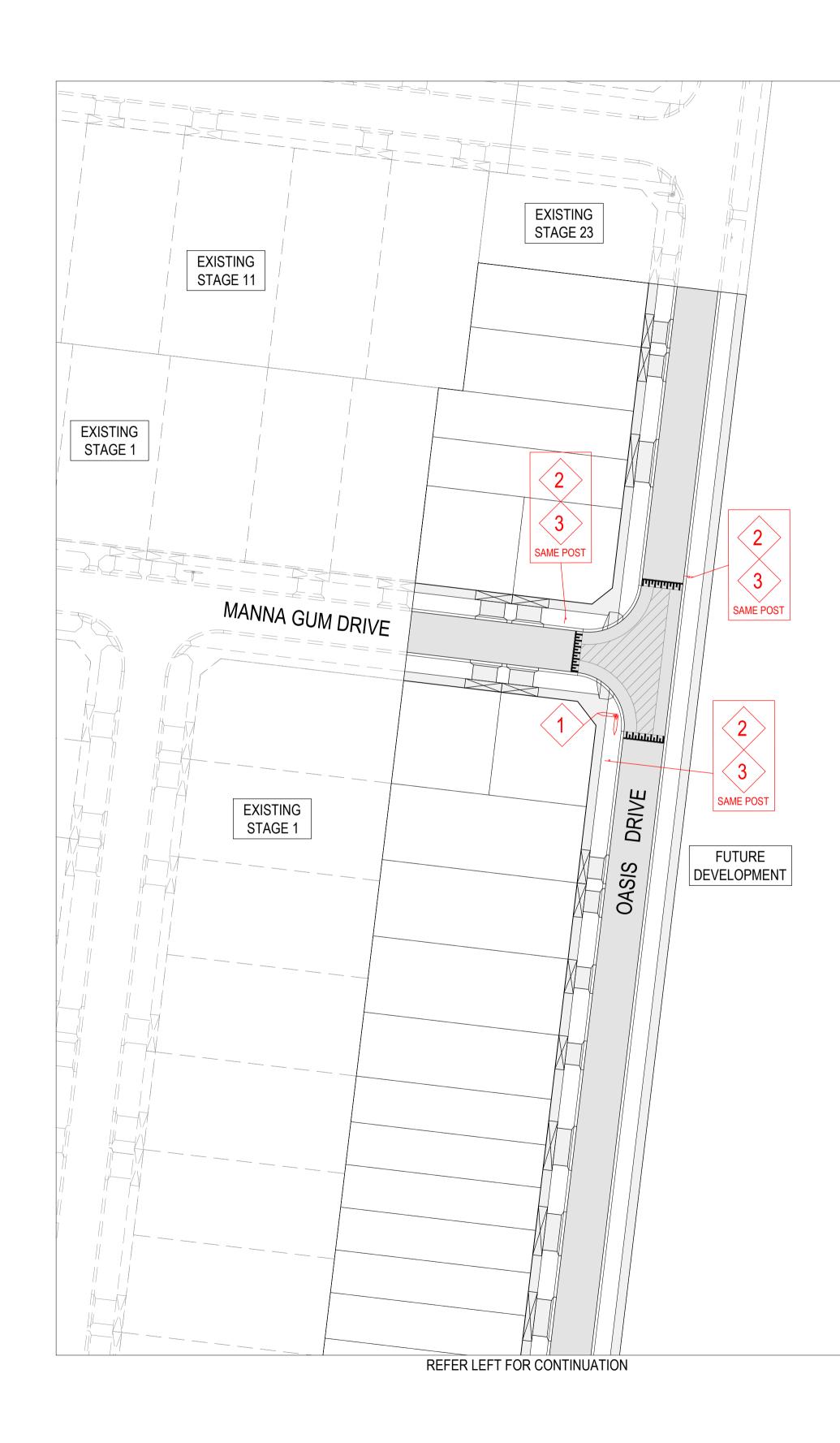
NOTE: THIS IS NOT A BUILDING APPROVAL

Certification No: 15270



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REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED	CLIENT	
						VIIIOVOJO	
0	25/08/21	CONSTRUCTION ISSUE	C.ROHDE	M.TROUNCE	T.PALIOS	properties	Suite
С	24/08/21	AMENDED TO COUNCIL COMMENTS (20/08/21)	C.ROHDE	M.TROUNCE	T.PALIOS	Communities Designed for Living G	Geelo
В	06/08/21	TENDER ISSUE	C.ROHDE	M.TROUNCE	T.PALIOS		
A	29/07/2021	ISSUED FOR APPROVAL	B.LEECH	M.TROUNCE	T.PALIOS		







PROJECT

ARMSTRONG - STAGE 33 SIGNAGE & LINEMARKING PLAN STATUS

DRAWING TITLE

