

SERVICE OFFSETS AND LOCATION TABLE

	Gas	Wa	ater	Telecomm	nunications	Elec	tricity	BOK	Road	Joint	Street
	003	DW	DW	Cables	Pits	Cables	Poles		Width	Trenching	Classification
GOLDIE LOOP	-	-	2.70 N	1.85 S	1.85 N	2.45 S	1.00 BOK	4.35 N 4.05 S	16.00	FTTH&E	ACCESS PLACE
EMBER LOOP (NORTH/SOUTH)	-	-	2.70 W	1.85 E	1.85 W	2.45 E	1.00 BOK	4.35 W 11.35 S	23.30	FTTH&E	ACCESS PLACE
EMBER LOOP (WEST/EAST)	-	-	2.70 N	1.85 S	1.85 N	2.45 S	1.00 BOK	4.35 N 4.05 S	16.00	FTTH&E	ACCESS PLACE
GREEN LANE	-	-	5.20 W	1.85 E	1.85 E	2.45 E	-	-	10.00	FTTH&E	WALK
NOTE: * OFFSET FROM BACK OF KERB											



SHT VER Description	
NO.	
1 P1 LAYOUT PLAN SHEET	
2 P1 TYPICAL CROSS SECTIONS & DETAILS	
3 P1 ROAD PAVEMENT DETAILS & NOTES	
4 P1 INTERSECTION DETAIL PLAN	
LONGITUDINAL & CROSS SECTIONS	
6 D1 LONGITUDINAL & CROSS SECTIONS	
7 P1 DRAINAGE LONGITUDINAL SECTIONS - SH	EET
DRAINAGE LONGITUDINAL SECTIONS - SH	EET
[°] [°] & DRAINAGE STRUCTURE DETAILS	
9 P1 SIGNAGE & LINEMARKING PLAN	
10 P1 EARTHWORKS PLAN	





NOT TO SCALE







HUME CITY COUNCIL GENERAL NOTES:

- 1. ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH VPA AND HUME CITY COUNCIL STANDARD DRAWINGS, SPECIFICATIONS, APPROVED PLANS AND TO THE SATISFACTION OF THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE.
- 2. COUNCIL TO BE NOTIFIED SEVEN (7) CLEAR WORKING DAYS PRIOR TO THE COMMENCEMENT OF WITH A PRECOMMENCEMENT MEETING BEING HELD BETWEEN HUME CITY COUNCIL, THE DEVELOPER'S CONSULTANT AND THE CONTRACTOR BEFORE WORKS COMMENCE. A SITE MANAGEMENT 32. ALL EXISTING ASSETS AFFECTED BY THE WORKS; E.G. SIGNS, VEHICLE CROSSINGS, FOOTPATHS, PLAN IS TO BE SUBMITTED PRIOR TO COMMENCEMENT OF WORKS AND PRIOR TO AN ONSITE PRECOMMENCEMENT MEETING.
- 3. PRIOR TO COMMENCEMENT OF THE WORKS, THE CONTRACTOR SHALL PROVIDE THE FOLLOWING INFORMATION:
 - a) SOURCE OF QUARRY MATERIAL b) N.A.T.A. APPROVED TEST RESULTS FOR THE FCR THAT IS TO BE USED c) IF THE SOURCE OF THE QUARRY MATERIAL IS CHANGED DURING THE COURSE OF THE WORKS. THEN NEW TEST RESULTS SHALL BE PROVIDED.
- 4. PRIOR TO COMMENCEMENT OF WORKS ON SITE, THE CONTRACTOR MUST ENSURE THAT ALL MATTERS RELATING TO THE OCCUPATIONAL HEALTH AND SAFETY ACT 2004 AND OHS REGULATIONS 2007 HAVE BEEN AND WILL BE COMPLIED WITH.
- ON COMMENCEMENT OF CONSTRUCTION WORKS, THE CONTRACTOR MUST COMPLY WITH THE RECOMMENDATIONS OF THE ENVIRONMENT PROTECTION AUTHORITY PUBLICATION "CONSTRUCTION 36. ALL TRAFFIC CONTROL MEASURES, SIGNS AND LINEMARKING SHALL BE IN ACCORDANCE WITH TECHNIQUES FOR SEDIMENT POLLUTION CONTROL". APPROPRIATE SILTATION CONTROL IS TO BE MAINTAINED THROUGHOUT THE CONSTRUCTION AND MAINTENANCE PERIOD OF THE WORKS.
- 6. THE DISPOSAL SITE FOR SPOIL REMOVAL FROM SITE AND TRUCK ROUTE IS TO BE SUBMITTED TO AND APPROVED BY THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE IN WRITING PRIOR TO THE COMMENCEMENT OF ANY WORKS.
- 7. WHERE WORKS ARE IN THE VICINITY OF EXISTING SERVICES. THESE SERVICES ARE TO BE LOCATED AND EXPOSED/PROVED PRIOR TO COMMENCEMENT OF WORKS, AND THE RELEVANT AUTHORITIES NOTIFIED SEVEN (7) CLEAR DAYS PRIOR TO THE COMMENCEMENT OF THE WORKS.
- 8. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
- ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM (AHD).
- 10. ALL CO-ORDINATES ARE TO MAP GRID OF AUSTRALIA (MGA)
- 11. THE CONTRACTOR MUST ARRANGE THE REQUISITE INSPECTIONS OF THE WORKS WITH THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE AS PER THE HOLD POINTS IN THE VPA MANUAL AND HUME CITY COUNCIL SPECIFICATIONS.
- 12. FILL AREAS TO BE STRIPPED OF TOPSOIL, FILLED AND TOPSOIL REPLACED TO OBTAIN FINAL FILL LEVELS AS SHOWN ON PLAN. FILLING IS TO BE CLEAN CLAY COMPACTED TO A DENSITY NOT LESS THAN 95% OF THE MAXIMUM DRY DENSITY VALUE DETERMINED BY THE STANDARD COMPACTION TEST IN ACCORDANCE WITH AS1289.5.1.1-2003.
- 13. FILLING TO COMPLY WITH AS3798-2007, LEVEL 1 UNLESS SPECIFIED OTHERWISE.
- 14. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL IMPORTED FILL MATERIAL, INCLUDING TOPSOIL, SATISFIES THE DESCRIPTION FOR CLEAN FILL MATERIAL IN EPA BULLETIN PUBLICATION NO 448 (SEPT '95) AND SUBSEQUENT REVISIONS. THE CONTRACTOR SHALL IF REQUIRED PROVIDE VERIFICATION INCLUDING TEST CERTIFICATES TO THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE.
- 15. WHERE, AS A CONDITION OF THE PLANNING PERMIT OR AS A RESULT OF THE PRE-CONSTRUCTION MEETING, FENCING OF AREAS CONTAINING TREES, NATIVE GRASSES AND SHRUBS IS REQUIRED. A THREE STRAND STAR PICKET AND WIRE FENCE SHALL BE CONSTRUCTED.
- 16. NO TREE OR NATIVE VEGETATION IS TO BE DISTURBED OR REMOVED WITHOUT PRIOR APPROVAL FROM COUNCIL'S SUSTAINABLE ENVIRONMENT DEPARTMENT. ANY TREES REMOVED, VEGETATION OR OTHER MATERIALS ARE NOT TO BE BURNT ON SITE.
- 17. BEFORE COMMENCING WORK ON TRENCHES IN EXCESS OF 1.5M DEEP, NOTICE OF SUCH PROPOSAL IS TO BE FORWARDED BY THE CONTRACTOR TO WORKSAFE VICTORIA.
- 18. THE CONTRACTOR IS TO OBTAIN A BUILDING PERMIT FOR ANY STRUCTURES/FENCES AND FOR ANY RETAINING WALLS OVER 1.0m IN HEIGHT.
- 19. ANY INFRASTRUCTURE DAMAGE DURING THE DEFECTS LIABILITY PERIOD IS THE RESPONSIBILITY OF THE DEVELOPER OR HIS REPRESENTATIVE AND IS TO BE REINSTATED TO THE SATISFACTION OF THE CHIEF EXECUTIVE OFFICER OR HIS REPRESENTATIVE.
- 20. PRIOR TO STATEMENT OF COMPLIANCE ALL DISTURBED AREAS (INCLUDING NATURE STRIPS, BATTERS, ALLOTMENTS WITH GRADES OF 1:5 AND GREATER, AND RESERVES) ARE TO BE REINSTATED TO A CLEAN, TIDY CONDITION, TOP DRESSED (100mm LOAMY TOP SOIL FREE OF RUBBISH, DEBRIS, CLUMPS, SODS AND CLAY LUMPS), LIGHTLY COMPACTED AND HYDRO MULCHED.

HYDROMULCH & SEED MIX TO BE:

- 40KG/HA KIKUYU
- 200KG/HA TURF TYPE PERENNIAL RYE - 100KG/HA CREEPING RED FESCUE
- 1.500KG/HA OF CELLULOSE FIBRE
- SOIL BINDER SPECIFICALLY MANUFACTURED FOR HYDROMULCHING, USED AT MANUFACTURERS RECOMMENDED RATES.(E.G. ORGANIC GAUR TACKIFIERS @ 20-30KG/HA, BASED UPON SITE CONDITIONS).

GRASS IS TO BE ESTABLISHED PRIOR TO THE END OF THE MAINTENANCE PERIOD, UNLESS OTHERWISE AGREED IN WRITING.

- 21. FOOTPATHS ARE TO BE 50mm OFFSET FROM TITLE BOUNDARIES UNLESS NOTED OTHERWISE. VEHICLE CROSSING ALIGNMENTS ARE GENERALLY TO BE PARALLEL TO THE SIDE BOUNDARY.
- 22. ALL NEW CONCRETE WORKS SHALL BE JOINED INTO ABUTTING EXISTING CONCRETE WITH 450mm LONG Y20 DOWEL BARS @ 600 CENTRES, UNLESS OTHERWISE SPECIFIED.
- 23. ANY EXPOSED AGGREGATE CONCRETE WORKS TO BE ACHIEVED BY SAND-BLASTING ONLY. WASHING 54. 600 B2 KERB & CHANNEL TO BE USED IN HUME CITY COUNCIL AGGREGATE OFF WITH WATER IS NOT PERMITTED.
- 24. ALL SERVICE CONDUITS TRENCHES UNDER ROAD PAVEMENTS ARE TO BE BACKFILLED WITH 20mm 3% CEMENT TREATED CLASS 3 CRUSHED ROCK COMPACTED TO A DENSITY NOT LESS THAN 95% OF THE MAXIMUM DRY DENSITY VALUE DETERMINED BY THE MODIFIED COMPACTION TEST IN ACCORDANCE WITH AS1289.5.2.1-2003. ALL SERVICE CONDUITS TRENCHES UNDER FOOTPATH. VEHICULAR CROSSINGS, PARKING BAYS AND WITHIN 750mm OF PARKING BAYS TO BE BACKFILLED WITH CLASS 3 CRUSHED ROCK.
- 25. STORMWATER DRAINS UNDER ROAD PAVEMENTS OR OVER 600mm DIAMETER TO BE CLASS 2 R.C OR RIGID F.R.C PIPES WITH ADCOL FLEXIBLE COLLARS UNLESS NOTED OTHERWISE. STORMWATER DRAINS UP TO AND INCLUDING 600mm DIAMETER BEHIND KERB OR IN EASEMENTS TO BE CLASS 2 R.C OR HDPE. ALL STORMWATER PIPES UP TO AND INCLUDING 750mm DIAMETER TO BE RUBBER RING JOINTED. INTERLOCKING/FLUSH JOINTS WITH EXTERNAL BANDS CAN ONLY BE USED ON PIPE SIZES OVER 750mm DIAMETER UNLESS NOTED OTHERWISE.
- 26. WHERE NEW ASPHALT, CONCRETE K&C, PATHS AND DRIVEWAYS MATCH INTO EXISTING, THE EXISTING SURFACE IS TO BE SAW CUT AND MATCHED NEATLY.
- 27. ALL REDUNDANT ASSETS ARE TO BE REMOVED AND DISPOSED OFF SITE.
- 28. ALL TREES AND SHRUBS ARE TO BE RETAINED UNLESS OTHERWISE SHOWN OR DIRECTED BY THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE.
- 29. AT THE COMPLETION OF ALL WORKS, ALL RUBBISH, DEBRIS AND SURPLUS SPOIL SHALL BE REMOVED AND THE SITE SHALL BE CLEARED TO THE SATISFACTION OF THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE.
- 30. ALL DRAINS BEHIND KERB AND CHANNEL SHALL BE BACKFILLED TO MATCH PAVEMENT SUBGRADE LEVEL WITH 20mm CLASS 3 FCR COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY VALUE DETERMINED BY THE MODIFIED COMPACTION TEST IN ACCORDANCE WITH AS1289.5.2.1-2003. ALL DRAINS, SEWERS, GAS & WATER MAINS LAID THROUGH THE ROAD PAVEMENT (EXCEPT

- 31. PAVEMENT DEPTH SPECIFIED IS A MINIMUM DEPTH AND MAY BE VARIED BY THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE. SOFT SPOTS SHALL BE EXCAVATED TO A PROOF ROLLED BASE AND BACKFILLED WITH APPROVED MATERIAL COMPACTED IN 150mm LAYERS TO ACHIEVE TO A DENSITY NOT LESS THAN 95% OF THE MAXIMUM DRY DENSITY VALUE DETERMINED BY THE STANDARD COMPACTION TEST IN ACCORDANCE WITH AS1289.5.1.1-2003.
- KERB AND LINEMARKING SHALL BE REINSTATED BY THE CONTRACTOR PRIOR TO THE COMPLETION OF THE WORKS TO THE SATISFACTION OF THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE.
- 33. PRIOR TO THE COMPLETION OF THE WORKS ALL FIRE HYDRANTS ARE TO BE MARKED IN ACCORDANCE WITH "IDENTIFICATION OF STREET HYDRANTS FOR FIREFIGHTING PURPOSES" PUBLICATION (DEVELOPED BY CFA, MFB, & ESB). MARKINGS TO BE VIA BLUE PAVEMENT MARKER AND A (RED TOPPED) WHITE POST.
- 34. AGRICULTURAL DRAINS ARE TO BE PLACED BEHIND ALL KERB AND CHANNEL, KERB ONLY AND EDGE STRIPS IN ACCORDANCE WITH EDCM STANDARD DRAWING 202.
- 35. ALL TABLE DRAINS AND VERGES ARE TO BE REINSTATED UPON COMPLETION OF WORKS TO THE SATISFACTION OF THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE.
- AS1742 1, 2 & 3. STREET NAME SIGNS ARE TO BE IN ACCORDANCE WITH STANDARD DRAWING SD408.
- 37. ALL LINEMARKING PAINT SHALL BE LONG LIFE TYPE IN ACCORDANCE WITH SECTION 95C OF THE HUME CITY COUNCIL SPECIFICATIONS. LATERAL WORKS AND ARROWS BEING COLD APPLIED PLASTIC TROWELLED INTO PLACE (MATERIAL DEGADUR PLASTELINE) AND LONGITUDINAL LINES BEING EXTRUDED THERMOPLASTIC MATERIAL.
- 38. ALL SIGNS TO BE CLASS 1 HIGH INTENSITY TYPE AND TO COMPLY WITH THE REQUIREMENTS OF AS1743-2001.
- 39. HOUSE DRAIN CONNECTIONS TO 150mm DIAMETER PIPES TO BE VIA A MANUFACTURED JUNCTION PIECE. 150mm DIAMETER STORMWATER PIPES ARE TO BE HEAVY DUTY SEWER GRADE. PVC PIPES SHALL BE BACKFILLED WITH 10mm MINUS FCR TO 150mm ABOVE TOP OF PIPE IN ALL LOCATIONS.

[RESIDENTIAL - REFER NOTE 5A FOR INDUSTRIAL]

- 40. 100mm HOUSE DRAIN CONNECTIONS TO BE LAID AT AN OFFSET OF 5.5M FROM THE LOW SIDE OF TITLE BOUNDARY ROAD FRONTAGE AND PROPERTY INLETS 1.0m FROM THE LOW SIDE OF TITLE BOUNDARY REAR EASEMENT UNLESS OTHERWISE SHOWN.
- 41. BLASTING: BLASTING GENERALLY IS NOT ENCOURAGED, HOWEVER BLASTING MAY BE REQUIRED AS A LAST RESORT DEPENDING ON GROUND CONDITIONS. COUNCIL IS TO BE NOTIFIED IN WRITING IF ANY BLASTING IS NECESSARY

RESIDENTS LIKELY TO BE AFFECTED BY THE BLASTING AND ALL SERVICE AUTHORITIES SHALL BE NOTIFIED IN WRITING PRIOR TO WORKS COMMENCING. COPIES OF THESE NOTIFICATIONS ARE TO BE SUBMITTED TO COUNCIL

RESIDENT NOTIFICATION LETTER IS TO INCLUDE BLASTING GUIDELINES, FIRING AND MISFIRE PROCEDURES AND CONTRACTOR AND CONSULTANT CONTACT NAMES AND PHONE NUMBERS. ALL BLASTING IS TO BE WITHIN THE LIMITS FOR AIR AND GROUND VIBRATION LEVELS AS SET DOWN IN AS2187.2.1993

ALL BLASTS SHALL BE MONITORED FOR AIR AND NOISE VIBRATION AT POTENTIALLY AFFECTED RESIDENCES. "FORM A" FROM AS2187.2-1993, AND WAVE TRACE COPIES ARE TO BE SUBMITTED TO COUNCIL FOR EACH BLAST.

BLASTING IS TO BE RESTRICTED TO BETWEEN 9:00am AND 3:30pm. BLASTING IS NOT TO OCCUR ON WEEKENDS OR PUBLIC HOLIDAYS.

BLASTING AREA SIGNS ARE TO BE PLACED AT ALL ENTRANCES TO THE SITE.

- 42. FENCING TO BE PROVIDED ALONG LOT BOUNDARIES ABUTTING RESERVES TO THE SATISFACTION OF THE REPONSIBLE AUTHORITY.
- 43. WHERE SODIC SOILS ARE ENCOUNTERED, SODIC SOIL INVESTIGATIONS SHOULD BE CARRIED OUT BY A QUALIFIED SOIL SCIENTIST AND THE RECOMMENDATIONS OF THE REPORT SHOULD BE APPLIED **DURING ROAD & DRAINAGE DESIGN AND CONSTRUCTION.**
- 44. LOCATION OF GAS, WATER AND TELSTRA/NBN Co CONDUITS ARE TO BE APPROPRIATELY MARKED ON THE FACE OF THE KERB AND CHANNEL WITH G. W. T AND O RESPECTIVELY. ALL CONDUIT ENDS SHALL BE SECURELY PLUGGED. TELSTRA/NBN Co, GAS CONDUITS TO BE 50mm CLASS 12 UPVC. WATER CONDUITS TO BE 100mm CLASS 12 UPVC.
- 45. SERVICE CONDUITS TRENCHES UNDER DRIVEWAYS AND FOOTPATHS ARE TO BE 50mm PVC LAID 450mm DEEP AND EXTENDING 250mm EACH SIDE OF DRIVEWAYS/FOOTPATHS.
- 46. THE WATER CONDUIT OFFSET FROM THE LOT BOUNDARY IS GIVEN ON THE WATER RETICULATION PLAN. THE CONTRACTOR MUST CONSTRUCT CONDUITS TO ACCORD WITH THE GIVEN OFFSET AND ENSURE THAT THE CONCRETER MARKS THE KERB AND FOOTPATH EXACTLY ABOVE THE CONDUIT.
- 47. TELSTRA/NBN Co TO BE NOTIFIED SEVEN (7) DAYS PRIOR TO CONCRETE WORKS BEING PLACED.
- 48. DRAINAGE AND PITS TO BE SET OUT FROM OFFSETS SHOWN RATHER THAN FROM CENTRELINE PIPE CHAINAGES. CENTRELINE OF PITS AT KERB TP'S TO BE 1.20m OFFSET FROM TP.
- 49. LOTS TO BE GRADED AND LEFT CLEAN TO THE SATISFACTION OF THE ENGINEER. ALL LOTS TO BE 1 IN 150 MINIMUM SLOPE.
- 50. BATTERS SHALL BE IN 1 IN 6 FOR FILL AND 1 IN 6 FOR CUT UNLESS OTHERWISE SHOWN.
- 51. ALL DRIVEWAYS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH EDCM501, 502 & 503 AND ARE TO BE OFFSET 0.75m FROM SIDE BOUNDARY OR EASEMENT UNLESS OTHERWISE SHOWN.
- 52. ALL DRIVEWAY RAMPS INTO PROPERTIES ARE TO BE CUT IN AT A MAXIMUM GRADE OF 1 IN 4 TO THE SATISFACTION OF THE ENGINEER.
- 53. ALL CONCRETE TO BE 25MPa UNLESS OTHERWISE SPECIFIED.
- 55. FEATURE PAVING SHOWN THUS TO CONSIST OF: a) COLOURED ASPHALT TO BE DETERMINED.
- 56. CONCRETE (LONG DRIVES) TO CONSIST OF: a) 200mm DEPTH CONCRETE (25MPa) WITH SL82 REINFORCEMENT MESH WITH 50mm TOP COVER. b) 100mm COMPACTED DEPTH OF 20mm CLASS 3 FCR
- 57. STANDARD FOOTPATH AS PER EDCM401 & TO CONSIST OF: a) 125mm CONCRETE (25MPa) REINFORCED WITH SL72 MESH PLACED WITH 50mm TOP COVER. b) 50mm THICK, 20mm NOMINAL SIZE CLASS 3 FCR COMPACTED TO 98%.
- 58. SHARED FOOTPATH AS PER EDCM401 & TO CONSIST OF: a) 125mm CONCRETE (25MPa) REINFORCED WITH SL72 MESH PLACED WITH 50mm TOP COVER. b) 50mm THICK, 20mm NOMINAL SIZE CLASS 3 FCR COMPACTED TO 98%.
- 59. CONTRACTOR SHALL ERECT AND MAINTAIN ALL NECESSARY SHORING, PLANKING, STRUTTING AND DEWATERING DEVICES, BARRICADES, SIGNS, LIGHTS, ETC. NECESSARY TO KEEP THE WORKS IN A SAFE AND STABLE CONDITION AND PROTECT THE PUBLIC FROM THE WORKS.
- 60. THE CONTRACTOR MUST COMPLETE A LEVEL CHECK BETWEEN ALL TBM'S TO VERIFY LEVEL VALUES BEFORE COMMENCEMENT OF WORKS. ALL TBM.s AND CONTROL POINTS ARE TO BE MAINTAINED AND PROTECTED AT ALL TIMES DURING CONSTRUCTION. SHOULD ANY MARKS BE DISTURBED. THE CONTRACTOR WILL IMMEDIATELY NOTIFY THE DEVELOPER'S CONSULTANT TO ARRANGE RE-INSTATEMENT AT THE CONTRACTORS EXPENSE.
- 61. PROVIDE A 1.8m HIGH PALING FENCE ALONG ANY COMMON BOUNDARY BETWEEN A LOT AND A MUNICIPAL RESERVE, PALINGS TO BE ON THE RESERVE SIDE AND STAINED IN A DARK GREEN COLOUR ON THE SIDE FACING THE RESERVE TO THE SATISFACTION OF COUNCIL.
- 62. EXISTING DAM OR WATERCOURSES TO BE EXCAVATED TO A FIRM BASE AND BACKFILLED AS SPECIFIED. DEVELOPER'S CONSULTANT TO BE NOTIFIED WHEN THE DAM OR WATERCOURSES

- 20mm COMPACTED DEPTH 7mm NOMINAL SIZE TYPE 'L' ASPHALT WITH C320 BINDER 30mm COMPACTED DEPTH 10mm NOMINAL SIZE TYPE 'N' ASPHALT WITH C320 BINDER
- 10mm SAMI SEAL WITH CLASS S18RF BINDER AND BITUMINOUS PRIME
- CRUSHED 140mm COMPACTED DEPTH 20mm NOMINAL SIZE CLASS 2 FINE ROCK. COMPACTED TO AT LEAST 98% MODIFIED DRY DENSITY RATIO WITH A MEAN VALUE OF AT LEAST 100% MODIFIED DRY DENSITY RATIO AND WITHIN 1% OF THE MODIFIED OPTIMUM MOISTURE CONTENT
- 100mm COMPACTED DEPTH 20mm NOMINAL SIZE CLASS 3 FINE CRUSHED ROCK, COMPACTED TO AT LEAST 95% MODIFIED DRY DENSITY RATIO WITH A MEAN VALUE OF AT LEAST 98% MODIFIED DRY DENSITY RATIO AND WITHIN 1 % OF THE MODIFIED OPTIMUM MOISTURE CONTENT
- 150mm CAPPING LAYER COMPACTED DEPTH SELECT GRANULAR MATERIAL WITH A MINIMUM SOAKED CBR OF 10% COMPACTED TO 98% STANDARD DRY DENSITY RATIO WITH A MEAN VALUE OF AT LEAST 100% STANDARD DRY DENSITY RATIO AND WITHIN 1% OF THE STANDARD OPTIMUM MOISTURE CONTENT, A PERCENTAGE SWELL < 1.5% AND MAXIMUM HYDRAULIC CONDUCTIVITY OF 5 x 10⁻⁹m/s.
- 150mm CONSTRUCTION LAYER SELECT GRANULAR MATERIAL WITH A MINIMUM SOAKED CBR OF 10% COMPACTED TO 98% STANDARD DRY DENSITY RATIO WITH A MEAN VALUE OF AT LEAST 100% STANDARD DRY DENSITY RATIO AND WITHIN 1 % OF THE STANDARD OPTIMUM MOISTURE CONTENT, A PERCENTAGE SWELL OF >1.5% AND MAXIMUM HYDRAULIC CONDUCTIVITY OF 5 x 10⁻⁹m/s.
- TOTAL PAVEMENT DEPTH 600mm SUBGRADE - NATURAL SILTY CLAY TESTED TO CONFIRM AN IN-SITU CBR OF AT LEAST 2% OR APPROVED FILL COMPACTED TO AT LEAST 100% STANDARD DRY DENSITY RATIO (SOAKED CBR >2%) WITHIN 2% OF THE STANDARD OPTIMUM MOISTURE CONTENT





UNBOÚND BASE MATERIAL.

[
S				by a		breese pi and surveyors	tt dixon p _{civil}	ty. engii	Itd. neers	1/19 haw tele fax	e cato street horn east, 31 phone 8823 23 no. 8823 231	23 300 0
MENT				MELWAY REF.	362-H-10	KIMB	FRI FY FS	ΤΔΤ	F.	MUNICIP	ALITY	
MEND				SURVEY	BPD				L	HUN	1E	
A				DESIGN	J.B	-	STAGE 3			REFEREN		
				DRAWN	I.W] PAVEM	ENT COMPC)SIT	ION	1025	5 ⁻ /5	
	VER	DATE	REMARKS	CHECKED	RGW	SCALE AS SHOWN	DATUM AHD	DATE	APR 2023	SHEET	03 OF 10	P1

SPECIFICATION FOR SAMI SEAL



KERB LIP LONGITUDINAL SECTION

RETURN 'A' HORIZONTAL SCALE 1:200 AT A1 SIZE VERTICAL SCALE 1:20 AT A1 SIZE



KERB LIP LONGITUDINAL SECTION

RETURN 'B' HORIZONTAL SCALE 1:200 AT A1 SIZE VERTICAL SCALE 1:20 AT A1 SIZE

NOTES

- a) ALL SIGNS TO BE SLEEVED USING A SL27 SLEEVE.
- b) □ ≤ ≥ □ ≤ INDICATES UNIDIRECTIONAL & BIDIRECTIONAL RRPM'S PLACED AT 6.00m CTS
- c) HAZARD / DIRECTIONAL TGSI'S SHOWN THUS . / AND FOOTPATH RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE WITH VICROADS STD DWGS SD2031 TO SD2035. TGSI'S SHALL CONFORM TO AS1428.4
- d) PROVIDE EMERALD GREEN COLOURED HIGH FRICTION SURFACE TREATMENTS ALONG SHARED PATH DENOTED THUS: SURFACE TREATMENT MUST COMLPLY WITH VICROADS STANDARD SECTION 430.
- e) STREET SIGNS TO HAVE MINIMUM 2 WEDGES IN THE SLEEVES
- f) SWLM INDICATES SOLID WHITE "LONGLIFE" LINE MARKING BWLM - INDICATES BROKEN WHITE "LONGLIFE" LINE MARKING
- g) RETURN & ELBOW LIP OF KERB CHAINAGES PREFIXED WITH AN "L" (eg LTP35.83)



LIP PROFILE SETOUT



INTERSECTION DETAILS SCALE 1:200









CURVE	SETOUT
DET	AILS
I	92.801
R	8.400
Arc	13.605
Α	2.607
В	1.928
Х	3.309
Y	2.774
Ι	3.401
Mid Level	255.548

SYMBOL LEGEN	<u>ID</u>				
Drains	Prop Prev Stage	Ex/Natura	al/FS Level	+28.57 +NS28.57 +FS28.5	j7
Main Drains Sewer < 300Ø		FS @ Bui	lding Line	+BL28.57	
Sewer ≥ 300Ø		Top/Toe o	of Batter	+TOP28.57 +TOE28.57	
Water (DW) Water (NDW)	—	Top Ret.	Wall Level	+ TW28.57	
House Drain Property lalot	—H— —H—	100yr Flo	od Level	+ FL28.57	
Street Sign		Fill Propo	sed (<0.3m/≥0.3r	n)	
PSM Bock Ret Wall		Cut Propo	osed		
Sleeper Ret Wall		Aspalt Su	rface Prop		
Conduits 50mm Conduits 100mm	— GW — GW — — W100 — W100 —	Concrete	Surface Prop		
Street Tree without/with	$\bigcirc \bigcirc \bigcirc$	(Paths/Dr	iveways/Slabs)		
Detail)		Tree To B	e Removed	(X)	
Ex Drains					
Ex Sewer/Gas	— Ex S — Ex G —	Tree To B	Retained with		
Ex Elect/Comm Ex Optic Fibre	— Ex E —— Ex T — — Ex O —	THEET TOU		A mund for	
vrogog pitt divo	n ntv ltd		1/19 ca	to street	
neese pill dixo	π ριγ. πα.		hawthor	n east, 3123	
and surveyors	civil engineers		telephoi fax no	ne 8823 2300	
, ,	U			, 0023 2310	
KIMBERI EY	' ESTATE				
			HUME		
SIAG	ΓĴ		REFERENCE	,	
INTERSECTION F)FTAIL PLAN	S	10255 ^E	5	
		$\overline{}$	•		

DATE APR 2023 SHEET 04 OF 10 P1

SCALE AS SHOWN DATUM AHD

			4	I.35	.	7.60		4.05	Þ	- L
	0.05		1.50	2.80 0	0.60	6.40	0.60	2.50	1.50	0.05
	LOT GRA	II DE	1	I	I		I	I		LOT GRA
			<u>1 in 50</u>	<u> </u>	 			<u>1 in 15</u>	1 in 50 — — — —	
RL254.5				ц						}
DESIGN RL		255.87 255.87	255.84	255.65	255.54	255.65	255.54 255.65	255.82	255.85	255.85
EXIST RL		255.85 255.85	255.83	255.81	255.80	255.77	255.73	255.69	255.67	255.67
OFFSETS		-8.15 -8.10	-6.60	-3.80	-3.20	0.0	3.80	6.30	7.80	7.85
TP CH 228.80										
	LOT GRA	DE								LOT GRA
			<u>1 in 50</u>	<u> </u>		-30:1 -30:1 -30:1		1 in 15	1 in 50 — — — —	
RL254.5						0			6	5
DESIGN RL	_	255.8	255.78	255.55	255.4	255.5	255.55	255.76	255.75	255.7
EXIST RL		255.81 255.80	255.79	255.77	255.76	255.73	200.02 255.69	255.65	255.63	255.63
OFFSETS		-8.15 -8.10	-6.60	-3.80	-3.20	0:00	3.80	6.30	7.80	7.85
CH 220.10		1	<u> </u>		1	I		1	ı	<u> I </u>
Ļ	.01 GRADE	<u>in 6 –</u>	<u>1 in 50 —</u>	1 in 15				1 in 15	1 in 50	LOT GRA
					4	-30:1 -30:1				
RL254.5							+			
DESIGN RL	55.79	255.67 255.67	155.64	55.46	255.35	255.45	200.30	55.62	255.65	255.65
EXIST RL	55.79 2	55.78 2 55.78 2	55.76 2	55.72 2	55.71 2	2 295.67	55.62 2	5.59 2	55.57 2	25.57
	3.86 25	3.15 25 3.10 25	3.60 25	3.80 25	3.20 25	· · · · · · · · · · · · · · · · · · ·	3.2U 25	3.30 28	7.80 25	.85
CH 207.60	Ψ		Ψ		<u> </u>					
L	OT GRADE	in e								LOT GRA
			<u>1 in 50</u>	<u>1 in 15</u>		-30:1 -30:1]	— — <u> </u>	1 in 50	
							\bot			
										\mathbf{i}
RL255.0			,		'					
RL255.0 DESIGN RL	255.69	255.54 255.54	255.51	255.32	255.21		255.32	255.49	255.52	255.52
RL255.0 DESIGN RL EXIST RL	55.69 255.69	35.68 255.54 55.68 255.54	55.66 255.51	55.62 255.32	55.61 255.21		55.52 255.32	55.49 255.49	55.47 255.52	255.46 255.52
RL255.0 DESIGN RL EXIST RL OFFSETS	9.06 255.69 255.69	-8.15 255.68 255.54 8.10 255.68 255.54	.6.60 255.66 255.51	3.80 255.62 255.32	-3.20 255.61 255.21	0.00 255.32	3.80 255.57 255.37	6.30 255.49 255.49	7.80 255.47 255.52	7.85 255.46 255.52
RL255.0 DESIGN RL EXIST RL OFFSETS CH 195.10	-9.06 255.69 255.69	-8.15 255.68 255.54 -8.10 255.68 255.54	-6.60 255.66 255.51	-3.80 255.62 255.32	-3.20 255.61 255.21	0.00 255.56 255.32	3.80 255.52 255.21	6.30 255.49 255.49	7.80 255.47 255.52	7.85 255.46 255.52
RL255.0 DESIGN RL EXIST RL OFFSETS CH 195.10	.OT GRADE	-8.15 255.68 255.54 -8.10 255.68 255.54	-6.60 255.66 255.51	-3.80 255.62 255.32	-3.20 255.61 255.21	0.00 255.32	3 80 255 52 255.32	6.30 255.49 255.49	7.80 255.47 255.52	7.85 255.52 1.85 255.52 Cont GRA
RL255.0 DESIGN RL EXIST RL OFFSETS CH 195.10	.OT GRADE	(4) (9) -8.15 255.68 255.54 -8.10 255.68 255.54			-3.20 255.61 255.21	-30:1 -30:1 -30:1	3 80 255 52 253.27 233.21 3 80 255 52 255 32	0.30 255.49 6.30 255.49 6.30 255.49 6.30 255.49	7.80 255.47 255.52	7.85 255.52 TOL @K
RL255.0 DESIGN RL EXIST RL OFFSETS CH 195.10	.OT GRADE	45 -8.15 255.68 255.54 -8.10 255.68 255.54 -			-3.20 255.61 255.21	-30:1 -30:1	3 80 255 52 253.21	€.30 555.49 6.30 255.49 0.30 255.49 0.30	7.80 255.47 255.52	7.85 255.52 TOL @K*
RL255.0 DESIGN RL EXIST RL OFFSETS CH 195.10	.OT GRADE	45 -8.15 255.68 255.54 -8.10 255.68 255.54		-3:80 525.62 -3:80 -3:80	-3.20 255.61 255.21	-30:1 -30:1	3 80 255.52 255.21 3 80 255.57 255.32	e.30 255.49 6.30 255.49	7.80 255.47 255.52	LOT GR4
RL255.0 DESIGN RL EXIST RL OFFSETS CH 195.10	.0T GRADE	255.39 55.68 255.54 255.39 -8.10 255.68 255.54	255.36	255.17	255.06 -3.20 255.61 255.21	-30:1 -30:1	255.17 25.17 280 255.57 255.27 255.27 255.27 255.27 255.27	255.34 6.30 255.49 255.49 255.49	255.37 255.47 255.52	255.37 7 7.85 255.46 255.52 PLD CL GRA
RL255.0 DESIGN RL EXIST RL OFFSETS CH 195.10	<u>355.53</u> 255.69 255.69 255.69	255.52 255.39 45 -8.15 255.68 255.54 355.52 255.39 -8.10 255.68 255.54 -	35.50 255.36 35.51 -6.60 255.51	i55.46 255.17	255.46 255.06 255.01 255.21 -3.20 255.61 255.21	525.55 555.41 555.56 555.32 555.55	253.36 255.17	155.32 255.49 255.49 255.49	1 in 100 255.37 255.52 7.80 255.47 255.52	255.29 255.37 / T.85 255.46 255.52 BC 255.52 BC 255.52
RL255.0 DESIGN RL EXIST RL OFFSETS CH 195.10 L RL254.0 DESIGN RL EXIST RL OFFSETS	-8.96 255.53 255.52 -9.06 255.69 255.69	-8.15 255.52 255.39 5 -8.10 255.52 255.39 -8.10 255.68 255.54	-6.60 255.50 255.36 -6.60 255.66 255.51	-3.80 255.46 255.17 -3.80 255.62 255.32	-3.20 255.46 255.06 -3.20 255.61 255.21	-30:1 -3	<u>3.80 255.36 255.17 </u>	6.30 255.32 255.34 6.30 255.49 255.49	7.80 255.29 255.37 00 255.47 255.52	7.85 255.29 255.37 / DD D
RL255.0 DESIGN RL EXIST RL OFFSETS CH 195.10 L RL254.0 DESIGN RL EXIST RL OFFSETS CH 181.10	-9.06 255.53 255.59 255.69	-8.15 255.52 255.39 -8.10 255.68 255.54 -8.10 255.68 255.54 -8.10 255.55 -8.10 255.54 -8.10 255.55 -8.10 255.54 -8.10 255.55 -8.10 255.55 -8.10 255.55 -8.10 255.55 -8.10 255.55 -8.10 255.55 -8.10 255.55 -8.10 255.55 -8.10 255.55 -8.10 255.55 -8.10 255.55 -8.10 255.55 -8.10 255.55 -8.10 255.55 -8.10 255.55 -8.10 255.55 -8.10 255.55 -8.10 -8.	-6.60 255.50 255.36 -6.60 255.66 255.51	-3.80 255.46 255.17 -3.80 255.62 255.32	-3.20 255.46 255.06 -3.20 255.61 255.21		3.80 255.36 255.17 25.57 255.21 255.36 255.17 255.59 255.37	6.30 255.32 255.34 6.30 255.49 255.49 255.49	7.80 255.29 255.37 - 00 7.80 255.29 255.37 - 00 7.80 255.47 255.52	7.85 255.29 255.37 / 1.85 255.46 255.52 B B B B B B B B B B B B B B B B B B B
RL255.0 DESIGN RL EXIST RL OFFSETS CH 195.10 L RL254.0 DESIGN RL EXIST RL OFFSETS CH 181.10	-01 GRADE	-8.15 255.52 255.39 5 -8.15 255.68 255.54 -8.10 255.52 255.39 -8.10 255.68 255.54 -	-6.60 255.50 255.36 -6.60 255.66 255.51	-3.80 255.46 255.17 -3.80 255.62 255.32	-3.20 255.46 255.063.20 255.61 255.21		3.80 255.36 255.17 1 2 3.80 255.50 255.77 255.77 255.70 255.36 255.77 255.70 255.37	6.30 255.32 255.49 6.30 255.49 255.49 255.49	7.80 255.29 255.37 00 255.47 255.52	7.85 255.29 255.37 / 1.85 255.52 BC
RL255.0 DESIGN RL EXIST RL OFFSETS CH 195.10 L RL254.0 DESIGN RL EXIST RL OFFSETS CH 181.10	01 GRADE	-8.15 255.52 255.39 -8.15 255.68 255.54 -8.10 255.52 255.39 -8.10 255.68 255.54	-6.60 255.50 255.56 255.51	-3.80 255.62 255.32 -3.80 255.46 255.17	-3.20 255.46 255.06 -3.20 255.61 255.21		3.80 255.36 255.17 1 2 3.80 255.36 255.7 255.37 255	6:30 255.34 6.30 255.34 6.30 255.34	7.80 255.29 255.37 7.80 255.47 255.52 11 10 255.47 255.52	LOT GR/
RL255.0 DESIGN RL EXIST RL OFFSETS CH 195.10 L RL254.0 DESIGN RL EXIST RL OFFSETS CH 181.10	-OT GRADE	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	-6.60 255.50 255.36 -6.60 255.50 255.36	-3.80 255.62 255.32 -3.80 255.46 255.17	-3.20 255.46 255.06 -3.20 255.61 255.21		L 3.20 255.36 255.1 230.01 L 3.80 255.32 235.21	6:30 255.49 6.30 255.34 6.30 255.34 6.30 255.34	1 in 50 1 in 50 255.29 255.37	LOT GR/
RL255.0 DESIGN RL EXIST RL OFFSETS CH 195.10 L RL254.0 DESIGN RL EXIST RL OFFSETS CH 181.10	-OT GRADE	-8.15 255.52 255.39 -8.15 255.68 255.54 -8.10 255.52 255.39 -8.10 255.54 -8.10 255.54	-6.60 255.50 255.36 -6.60 255.50 255.36 -6.60 255.50 255.36	-3.80 255.46 255.32	-3.20 255.46 255.06 -3.20 255.61 255.21		3.20 233.37 233.00 1 1 1 3.20 233.27 233.21 3.20 3.25 3.67 3.67 3.67 3.67 3.67 3.67 3.67 3.67 3.67 3.67 3.67 3.67 3.65 3.67 3.65 3.67 3.65 3.67 3.65 3.67 3.65 3.67 3.65 3.67 3.65 3.67 3.65 3.67 3.65 3.67 3.65 3.67 3.65 3.67 3.65	6:30 255.34 6.30 255.34 6.30 255.34 6.30 255.34	1 in 50 255.29 255.37 7.80 255.29 255.37	LOT GR/
RL255.0 DESIGN RL EXIST RL OFFSETS CH 195.10 L RL254.0 DESIGN RL EXIST RL OFFSETS CH 181.10	-01 GRADE	255.25	355.22 it it 0G 255.36 0G 255.22 -6.60 255.56	255.04	254.93 254.93 -3.20 255.46 255.06 -3.20 255.61 255.21		255.04 2 23.00 255.36 255.17 2 23.00 255.36 255.17 2 23.00 255.36 255.37 233.21 232.23 233.21 235.32 233.21 232.21 235.32 233.21 232.21 235.32 233.21 232.21 235.32 233.21 232.21 22.21 22.21 22.21 22.21 22.21 22.2	55.20 6.30 255.49 6.30 255.49 255.49 6.30 255.49 255.49	255.23 7.80 255.29 255.37 7.80 255.47 255.52	2255.23 / 1.85 255.29 255.37 / 1.85 255.29 255.37 / L.85 255.46 255.52
RL255.0 DESIGN RL EXIST RL OFFSETS CH 195.10 L RL254.0 DESIGN RL EXIST RL OFFSETS CH 181.10	01 GRADE	55.36 255.25 -8.15 255.52 255.39 -8.15 255.68 255.54 55.36 255.25 255.39 -8.10 255.68 255.54	35.34 255.22 ∃ 1 -6.60 255.50 255.36 1		55.29 254.93 -3.20 255.46 255.06 -3.20 255.61 255.21		35.20 255.04 2 3.80 255.36 255.17 2 3.80 255.36 255.17 2 3.80 255.37 233.37 233.37 233.37 253.37 253.37 253.37 255	5.16 255.20 6.30 255.32 255.32 255.34	35.13 255.23 7.80 255.29 255.37 7.80 255.52	25.13 255.23 / 1.85 255.29 255.37 / 1.85 255.46 255.52 / 1.85 255.46 255.52 / 1.85 255

		EXISTING LEFT & RIGHT LIP OF KERB (STAGE 3)			CONSTRUCTION						EFT TITI XISTING IGHT TI XISTING	LE BOUNDAF SURFACE TLE BOUNDA SURFACE	R` Al
DESIGN CL VC LENGTH DESIGN CL GRADING								1.08 %	, 0				
DATUM RL252	254.60	254.93	55.24	255.30	255.36	255.46	255.51	255.52	255.64	255.68	255.72	255.77 255.78]
FS LEFT TITLE BOUNDARY	254.73	254.94	255.16	255.21	255.25	255.34	255.38	255.39	255.49	255.54	255.59	255.66 2 255.67 2	
LEFT LIP OF KERB	254.40	254.62	254.83	254.88	254.93	255.01	255.05	255.06	255.16	255.21	255.26	255.34 255.35	
DESIGN CL	254.51	254.72	254.94	254.98	255.03	255.12	255.15	255.17	255.27	255.32	255.37	255.44 255.45	í
RIGHT LIP OF KERB	254.40	254.62	254.83	254.88	254.93	255.01	255.05	255.06	255.16	255.21	255.26	255.34 255.35	
FS RIGHT TITLE BOUNDARY	254.71	254.92	255.14	255.19	255.23	255.32	255.36	255.37	255.47	255.52	255.57	255.64 255.65	
ES RIGHT TITLE BOUNDARY	254.38	254.69	255.02	255.08	255.13	255.24	255.28	255.29	255.41	255.46	255.51	255.57 255.57	
CHAINAGE DESIGN CL	120.00	140.00	160.00	164.19	168.60	176.69	180.00	181.10	190.69	195.10	200.00	206.69 207.60	

EXISTING RAILWA RESERV	G Y E				23.3	i				
			11.35			7	7.60		4.3	85
		5.00	3.00	3.35	0.60	6	5.40	0.60	2.80	
		1 in 18	1 in 50	1 in 40		-30:1			— — 1-in-30	1
	7				7-		00.1	\neg		
					┢─			-4		
RL254.0										
DESIGN RL	255.18	255.45	255.39	OFF 24	255.20	255.31	255.20	255.31		255.40
EXIST RL	255.18	255.38	255.28	0 0 0 10	255.21	255.38	255.42	255.42		255.41
OFFSETS	-15.15	-10.15	-7.15		-3.20	0.00	3.20	3.80		6.60

	WORKS	CH (275 12
	WOINING		21 J.42

		1 in 17.5	1 in 50	1 in 40		20.1			1 in 30
						-30:1			
RL254.0									
DESIGN RL	255.32	255.60	255.54	255.46	255.35	255.46	255.35	255.46	255.55
EXIST RL	255.32	255.49	255.37	255.29	255.32	255.48	255.53	255.53	255.51
OFFSETS	-15.15	-10.15	-7.15	-3.80	-3.20	00.0	3.20	3.80	6.60
CH 261.29	-		•						· ·

RL254.5		1 in 15.3	1 in 50	1 in 40		30:1	30:1		<u>1 in 30</u>
DESIGN RL	255.41	255.73	255.67	255.59	255.48	255.59	255.48	255.59	255.68
EXIST RL	255.41	255.57	255.47	255.40	255.43	255.58	255.66	255.66	255.65
OFFSETS	-15.15	-10.15	-7.15	-3.80	-3.20	0.0	3.20	3.80	6.60

LTP CH 249.34

S				b	
MENT				MELWAY REF.	362-H
MEND				SURVEY	BPD
A				DESIGN	J.B
				DRAWN	I.W
	VER	DATE	REMARKS	CHECKED	RGW







LIMIT OF WORKS CH 266.52

S				b
MENT				MELWAY REF.
MEND				SURVEY
A				DESIGN
				DRAWN
	VER	DATE	REMARKS	CHECKED

	LOT GRADE											
		1	in 50	<u>1 in 20</u>		-30:1	-30:1		1 in 20	1 in 50		
RL255.0		\mathbb{N}									\leq	
DESIGN RL	255.83	255.83	255.80	255.68	255.57	255.68	255.57	255.68	255.82	255.85	255.85	
EXIST RL	256.00	256.00	256.03	256.08	256.10	256.16	256.21	256.22	256.28	256.30	256.30	
OFFSETS	-7.85	-7.80	-6.30	-3.80	-3.20	00.0	3.20	3.80		8.10	8.15	
CH 334.52							·		·			

	LOT GRADE											1 in 6
-			1 in 50	1 in 20		-30:1	-30:1		1 in 20	1 in 50		
RL255.0		\leq									\mathbb{N}	
DESIGN RL	255.62	255.61	255.58	255.46	255.35	255.46	255.35 255.35	255.46	255.60	255.63	255.63	
EXIST RL	255.72	255.72	255.75	255.81	255.83	255.89	255.96	255.97	256.02	256.05	256.05	
OFFSETS	-7.85	-7.80	-6.30	-3.80	-3.20	00.0	3.20	3.80		8.10	8.15	
LIMIT OF WORKS	CH 350.52											



				7 -		LEFT LIP ((\$	FUT & R OF K STAC	furi Igh Ere Ge 6	∃ — Г 3					LIMIT OF CONSTRUCTION		
		*****				1										
DESIGN CL VC LENGTH DESIGN CL GRADING																
HORIZONTAL GEOMETRY DATUM RL253		R= 1227.06m				R= 9m HC										}
ES LEFT TITLE BOUNDARY	256.62	256.43	256.43	256.38		256.59	256.63	256.65	256.65	256.65	256.73	72 72	256.75	256.75	256 76	2200.10
FS LEFT TITLE BOUNDARY	256.62	256.43	256.43	256.38		256.59	256.63	256.65	256.65	256.65	256.73	0 TEC 72	256.75	256.75	256 76	250.76
LEFT LIP OF KERB	257.26	257.14							256.87	256.86	256.67	756.67	256.59	256.50	256.40	250.73
DESIGN CL	257.37	257.25	257.25	257.21	257.17	257.05	257.01	256.97	256.97	256.97	256.78	70 70	256.70	256.61	256 60	200.00
RIGHT LIP OF KERB	257.26	257.14							256.87	256.86	256.67	756.67	256.59	256.50	256.40	200.7J
FS RIGHT TITLE BOUNDARY	257.54	257.42							257.15	257.15	256.95	JEG OF	256.87	256.78	256 77	2001 1
ES RIGHT TITLE BOUNDARY	256.94	256.81	256.81					256.81	256.81	256.81	256.92	756.07	256.94	256.96	256 QG	250.30
CHAINAGE DESIGN CL	211.01	219.83	220.00	222.73	225.53	234.31	237.09	239.96	240.00	240.02	254.02	251 1E	260.00	266.52	267 16	201.10













LEGEND:

G:\61\BPD\Kimberley Estate\CADD\Drawings\Stage 05\E5_R07-08_DRN.dwg (DRN1-07)

- ----- EXISTING SURFACE PROFILE
 - ------ FINISHED SURFACE PROFILE
- ----- INDICATES 5YR HGL

INDICATES CRUSHED ROCK BACKFILL

LENGTHS ARE IN METRES

0	5	Ó	10	2	0	
HC	RIZO	NTAL	SCALE	1 : 500	D (A1)	



1/19 cato street hawthorn east, 3123 telephone 8823 2300

	oreese pitand surveyors	Itd. neers	1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310										
362-H-10													
BPD													
J.B		STAGE 5											
I.W	DRAINAGE LON	- SHEET 1	1025	5 75	ic 90 mil								
RGW	SCALE AS SHOWN	DATUM AHD	DATE	APR 2023	SHEET	07 OF 10	P1						



LEGEND:

G:\61\BPD\Kimberley Estate\CADD\Drawings\Stage 05\E5_R07-08_DRN.dwg (DRN-08)

----- EXISTING SURFACE PROFILE

FINISHED SURFACE PROFILE

------ INDICATES 5YR HGL

INDICATES CRUSHED ROCK BACKFILL

LENGTHS ARE IN METRES

0	5	0	1	0	2	0
HOR	IZON	TAL	SCAL	E	1 : 500) (A1)

40

						S	TRUCTUR		DULE			
PIT		INTE	RNAL	IN	ET	OU.	TLET	BRA	NCH	ТОР	DEPTH	
No.	DESCRIPTION	DIMEN						CONN		OF	OF	REMARKS
		L	W	DIA	LEVEL	DIA	LEVEL	DIA	LEVEL	PIT	PIT	
1	Junction Pit (Existing)	600	900	300	252.8					254.505	1.705	Existing Junction Pit
2	End of Pipe (Existing)			300	253.48	300	253.48			255.087	1.607	Remove Capped Pipe and Connect into Existing Drainage Pipe
3	Channel Grating Pit	600	900	300	253.693	300	253.643	300	253.693	255.226	1.583	
			000				054.044			055 700	4.40	E: 301389.5691, N: 5840890.4417/E: 301390.4687, N:5840890.4683
4	Junction Pit	600	900			300	254.244			255.733	1.49	
			000				050 770			055.000	4.440	E: 301444.5951, N: 5840892.0685/ E: 301445.4947, N:5840892.0951
5	Channel Grating Pit	600	900			300	253.778			255.226	1.448	
			000	000	054.04					055 4 40	0.000	E: 301389.8026, N: 5840882.5451/E: 301390.7022, N:5840882.5717
6	Junction Pit (Existing)	600	900	300	254.21		055.05			255.149	0.939	Existing Junction Pit
(Junction Pit	600	900	225	255.1	300	255.05			255.97	0.92	EDUMBUS WITH CLASS B COVER.
	have all and D'A	000	000			005	055 500			050.054	0.040	E: 301375.5934, N: 5840924.94377E: 301376.4930, N:5840924.9703
8	Junction Pit	600	900			225	255.503			256.351	0.848	
	hur ati an Dit (Existing)	000	000	075	050.74					055 454	4 74 4	E: 301436.0670, N: 5840926.7316/ E: 301436.9666, N:5840926.7582
9	Junction Pit (Existing)	600	900	3/5	253.74	075	050.0			255.454	1./14	
10	End of Pipe (Existing)			375	253.8	375	253.8			255.509	1.709	Remove Capped Pipe and Connect into Existing Drainage Pipe
11	Channel Grating Pit	600	900	300	254.763	375	254.688	300	254.776	256.332	1.644	EDCM601-EDCM605 with Class B Cover.
												E: 301385.3740, N: 5840966.3508/E: 301386.2736, N:5840966.3774
11A	End of Pipe	600	900			300	256.661			256.661	1.632	Cap End for Future Connection
												E: 301409.8045, N: 5840967.3733
15	Channel Grating Pit	600	900			300	254.861			256.332	1.471	EDCM601-EDCM605 with Class B Cover.
												E: 301386.5071, N: 5840958.4809/ E: 301385.6075, N:5840958.4543
17	Junction Pit (Existing)	600	900	300	255.64					256.6	0.96	Existing Junction Pit
18	End of Pipe (Existing)			300	255.69	300	255.69			256.656	0.966	Remove Capped Pipe and Connect into Existing Drainage Pipe
19	Junction Pit	600	900	225	256.209	300	256.146			257.094	0.948	EDCM605 with Class B Cover.
												E: 301365.9099, N: 5840998.6898/E: 301366.8095, N:5840998.7164
20	Junction Pit	600	900			225	256.489			257.32	0.831	EDCM605 with Class B Cover.
												E: 301393.8976, N: 5840999.5172/E: 301394.7972, N:5840999.5438

S				6		breese pinand surveyors	1/19 cato street hawthorn east, 312 telephone 8823 230 fax no. 8823 2310	3 00)		
MENT				MELWAY REF.	362-H-10	KIMB	ERI EY ES	TATE	MUNICIPALITY	
MEND				SURVEY	BPD		HUME	шд		
A				DESIGN	J.B)23 - 1:1		
				DRAWN	I.W	DRAINAGE LON	GITUDINAL SECT	10255 5	lun 06, 20	
	VER	DATE	REMARKS	CHECKED	RGW	SCALE AS SHOWN	DATUM AHD	DATE APR 2023	SHEET 08 OF 10	P1 Potted:

LENGTHS ARE IN METRES

VERTICAL SCALE 1 : 50 (A1)



		SYMBOL LEGEN Drains Main Drains Sewer < 300Ø Sewer ≥ 300Ø Water (DW) Water (NDW) House Drain Property Inlet Street Sign PSM Rock Ret Wall Sleeper Ret Wall Sleeper Ret Wall Conduits 50mm Conduits 50mm Conduits 100mm Street Tree without/with Passive Irrigation (Refer Detail) Ex Drains Ex Water DW/NDW Ex Sewer/Gas Ex Elect/Comm Ex Optic Fibre	D Prop S DW NDW H H SCECECE GW W100 C Ex S Ex C Ex C	Prev Stage	Ex/Natur FS @ Bu Top/Toe Top Ret. 100yr Flu Fill Prop Cut Prop Aspalt S Concrete (Paths/D Tree To Tree To Tree Pro	al/FS Level uilding Line of Batter Wall Level bood Level bosed (<0.3m/≥0.3 bosed urface Prop riveways/Slabs) Be Removed Be Retained with tection Zone (TP2	+28.57 +NS28.5 +BL28.57 +TOP28.57 +TW28.57 +FL28.57 m)	57 +FS28.57 ;0E28.57
	Dreese	oitt dixo	n p _{civil}	ty. _{engir}	Itd. neers	1/19 ca hawtho telepho fax no.	ato street rn east, 31 ne 8823 2 8823 23	123 300 10
362-H-10	KIN	IBERLEY	ES	TAT	E		Y	
J.B		STAG	E 5			REFERENCE	,	
I.W	SIGNA	GE AND L	INEM	<u>IAR</u>	KING	10255 ^E	5	
RGW	SCALE AS SHOW	N DATUM AHD		DATE	APR 2023	SHEET 0	9 OF 10	<i>P1</i>



8

÷

SIGNAGE LEGEND

B "NO PARKING RIGHT" SIGN (R5-35 RIGHT)

A "NO PARKING LEFT" SIGN (R5-35 LEFT)



SECTION ON BOUND TURE STA I TO SCALE	WHEN DARY GE		<u>TYPI</u> IN C O	CAL S CUT C F FU NOT	SECTION SECTION N BOUN TURE ST TO SCALE	N WHEN NDARY ΓAGE	/ARIES	
		SYMBOL LEGEN Drains Main Drains Sewer < 300Ø Sewer ≥ 300Ø Water (DW) Water (NDW) House Drain Property Inlet Street Sign PSM Rock Ret Wall Sleeper Ret Wall Sleeper Ret Wall Conduits 50mm Conduits 50mm Conduits 100mm Street Tree without/with Passive Irrigation (Refer Detail) Ex Drains Ex Water DW/NDW Ex Sewer/Gas Ex Elect/Comm Ex Optic Fibre	NDW NDW NDW H H SCECECE GW W100 CW CW CW CW CW CW CW CW CW CW CW CW CW	Prev Stage	Ex/Na FS @ Top/T Top R 100yr Fill Pr Cut P Aspal Concr (Paths Tree T	atural/FS Level 9 Building Line 7 oe of Batter Ret. Wall Level 9 Flood Level 9 roposed (<0.3m/ 9 roposed 14 Surface Prop 9 rete Surface Prop 9 rete Surface Prop 9 rete Surface Prop 9 To Be Removed 10 Be Removed 10 Be Retained 10 Of Protection Zone	+28.51 +NS28.51 +BL28.51 +TOP28.51 +TO +TW28.57 +FL28.57 (≥0.3m)	1+FS28.51 DE28.51
	Dreese pand surveyors	pitt dixc	on p civil	ty. engir	Itd. neers	1/19 haw tele fax) cato street /thorn east, 31 phone 8823 23 no. 8823 231	23 300 0
362-H-10 BPD J.B I.W	KIM EA	É 5 KS F	TAT PLAN	E	MUNICIP/ HUM REFEREN 1025	ALITY 1E 5 ^E /5		
RGW	SCALE AS SHOW	N DATUM AHD)	DATE	APR 2023	SHEET	10 OF 10	P1

EXISTING SURFACE