

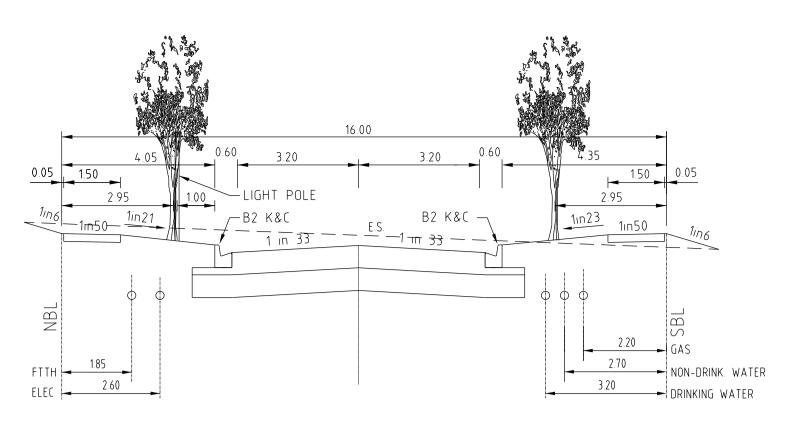
GENERAL NOTES

- I. ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH VICTORIAN PLANNING AUTHORITY (VPA) ENGINEERING DESIGN AND CONSTRUCTION MANUAL FOR SUBDIVISION AND WYNDHAM CITY COUNCIL PLANS AND SPECIFICATIONS APPROVED BY COUNCIL AND TO THE SATISFACTION OF THE DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE.
- COUNCIL AND ALL SERVICE AUTHORITIES TO BE NOTIFIED 7 CLEAR DAYS PRIOR TO COMMENCEMENT OF WORKS.
- 3. DRAINAGE AND PITS TO BE SET OUT FROM OFFSETS SHOWN RATHER THAN FROM PIPE CHAINAGES.
- 4. PROPERTY INLETS ARE TO BE PLACED I.Om FROM THE LOW CORNER OF LOT UNLESS OTHERWISE SHOWN.
- LOTS DENOTED THUS 31H ARE TO BE PROVIDED WITH A 100mm. DIA. HOUSE DRAIN PLACED 5.5m FROM LOW CORNER OF LOT UNLESS SHOWN OTHERWISE. HOUSE DRAIN TO BE CONNECTED TO STORMWATER DRAINS IF PRESENT. COVER AT THE BUILDING LINE TO BE MINIMUM OF 600mm.
- ALL PIPES UNDER ROAD PAVEMENTS TO BE RRJ RCP (REFER DRAINAGE LONGITUDINAL SECTIONS FOR RELEVANT PIPE (LASS). ALL OTHER PIPES TO BE RRJ RCP (LASS 2.
- DRAINAGE PIPES LAID ON A CURVE MUST BE RRJ AND THE RADIUS OF CURVATURE COMPLY WITH THE MANUFACTURERS SPECIFICATIONS. DRAINAGE PIPES LAID ON A CURVE SHALL HAVE THE BUILDING LINE PEGGED AT MINIMUM 15m INTERVALS.
- ALL SEWER MAINS, CONDUITS & PIPES UNDER ROAD PAVEMENT, CONCRETE DRIVEWAYS FOOTPATHS AND PARKING BAYS ARE TO BE BACKFILLED WITH 20mm CLASS 2 BASALTIC FCR COMPACTED TO THE SATISFACTION OF THE DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE. WHERE SEWER MAINS ARE ADJACENT TO STORMWATER PIPELINES THE BACKFILL OF THE DEEPER TRENCH SHALL BE IN ACCORDANCE WITH COUNCILS STANDARD DRAWING SD6-10 (1996)
- DRAINAGE PIPES BEHIND BACK OF KERB TO BE BACKFILLED WITH 20mm. CLASS 3 BASALTIC ROCK COMPACTED TO THE SATISFACTION OF THE DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE.
- 10. AGRICULTURAL PIPE DRAINS TO BE PLACED BEHIND ALL KERB AND CHANNEL. KERB ONLY AND EDGE STRIPS. REFER TO VPA STANDARD DRAWING EDCM 202.
- II. PRIOR TO COMMENCEMENT OF WORKS ON SITE, THE CONTRACTOR MUST ENSURE THAT ALL MATTERS RELATING TO THE OCCUPATIONAL HEALTH AND SAFETY ACT 2004. INCLUDING ALL RELEVANT REGULATIONS, HAVE BEEN ADDRESSED. IN PARTICULAR, THE REQUIRED NOTIFICATIONS MUST BE CONVEYED TO THE VICTORIAN WORKCOVER AUTHORITY - HEALTH & SAFETY DIVISION WITH RESPECT TO TRENCHING OPERATIONS DETAILS OF THE CONTRACTORS OCCUPATIONAL HEALTH & SAFETY PROCEDURES MUST BE LODGED WITH THE DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE PRIOR TO COMMENCEMENT OF WORKS.
- 12. BATTERS SHALL BE IN 1 IN 6 FOR CUT AND FILL UNLESS OTHERWISE SHOWN.
- 13. PRIOR TO COMMENCEMENT OF WORKS, THE CONTRACTOR SHALL PROVIDE THE FOLLOWING INFORMATION:
 - a) SOURCE OF QUARRY MATERIAL
 - b) OPTIMUM MOISTURE CONTENT AND MAXIMUM MODIFIED DRY DENSITY OF THE F.C.R. TO BE USED (FROM NATA APPROVED LABORATORY).
 - c) IF THE SOURCE OF THE QUARRY MATERIAL IS CHANGED DURING THE COURSE OF WORKS, NEW TEST RESULTS SHALL BE PROVIDED.
- 14. NO TOP SOIL SHALL BE REMOVED FROM LAND COVERED BY THE SUBDIVISION WITHOUT THE WRITTEN CONSENT OF THE DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE. THE TRUCK ROUTE FOR REMOVAL OF SPOIL FROM SITE IS TO BE SUBMITTED TO AND APPROVED BY THE DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE IN WRITING PRIOR TO COMMENCEMENT OF ANY WORK.
- 15. ON COMPLETION THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF ALL RUBBISH AND SPOIL FROM THE SITE.
- 16. THE CONTRACTOR SHALL ERECT AND MAINTAIN ALL NECESSARY SHORING AND PLANKING AND STRUTTING. DEWATERING DEVICES. BARRICADES. SIGNS. LIGHTS ETC. NECESSARY TO KEEP THE WORKS IN A SAFE AND STABLE CONDITION AND PROTECT THE PUBLIC FROM THE WORK AS PER AUSTRALIAN STANDARD ASI742.1.2.3 -1986.
- 17. REMOVAL OR RETENTION OF EXISTING TREES OR VEGETATION MUST BE IN ACCORDANCE WITH THE APPROVED LANDSCAPE PLANS. NO MATERIAL IS TO BE BURNT ON SITE.
- 18. ANY FOOTPATH OR KERB AND CHANNEL DAMAGED DURING CONSTRUCTION AND MAINTENANCE PERIOD TO BE REINSTATED TO THE SATISFACTION OF THE DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE.
- 19. LOTS TO BE GRADED TO THE SATISFACTION OF THE DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE. ALL LOTS TO BE 1 IN 150 MINIMUM SLOPE FRONT TO REAR OR REAR TO FRONT.
- 20. FILL AREAS TO BE STRIPPED OF TOPSOIL, FILLED USING APPROVED CLAY FILL, AND TOPSOIL REPLACED TO OBTAIN FINAL FILL LEVELS AS SHOWN ON PLANS. ALL FILLING TO BE CARRIED OUT IN 150mm LAYERS AND COMPACTED TO 95% OF MAXIMUM DRY DENSITY IN ACCORDANCE WITH AS3798-2007, SECTION 8.2, LEVEL I ("GUIDELINES ON EARTHWORKS FOR COMMERCIAL AND RESIDENTIAL DEVELOPMENTS"). ON COMPLETION THE CONTRACTOR SHALL PRESENT A "LEVEL I" TYPED REPORT, FROM A NATA REGISTERED SOIL TESTING LABORATORY. NOMINATING THE EXTENT OF FILL PLACED, ITS CONFORMANCE WITH THE SPECIFICATION AND ITS CLASSIFICATION AS "CONTROLLED FILL". IF ANY SUBSTANDARD FILLING IS ENCOUNTERED ON THE SITE IT MUST BE REMOVED AND REPLACED WITH APPROVED FILL MATERIAL PROPERLY COMPACTED TO COUNCIL REQUIREMENTS. A GEO-TECHNICAL REPORT MUST BE SUBMITTED SHOWING DETAILS OF DEPTH, TYPE OF MATERIAL AND DENSITY OF THE FILL AREAS CONCERNED.
- 21. 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 PROVIDE VERIFICATION INCLUDING TEST CERTIFICATES TO THE DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE.
- 22. WHERE WORKS ARE IN THE VICINITY OF EXISTING SERVICES THESE SERVICES ARE TO BE LOCATED AND THE VARIOUS AUTHORITIES NOTIFIED PRIOR TO THE COMMENCEMENT OF WORKS.
- 23. 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.
- 24. TELSTRA/NBN Co TO BE NOTIFIED 7 DAYS PRIOR TO CONCRETE WORKS BEING PLACED.
- 25. ALL DRIVEWAYS TO BE OFFSET 0.75m FROM SIDE BOUNDARY OR EASEMENT UNLESS OTHERWISE SHOWN. REFER TO COUNCIL STD.DWG. SD4-1.
- 26. THE CONTRACTOR IS TO ARRANGE CCTV OF DRAINAGE AND ACCEPTANCE FROM COUNCIL PRIOR TO INSTALLATION OF THE KERB & CHANNEL AND ASPHALT PLACEMENT.
- 27. 600 B2 PROFILE KERB AND CHANNEL TO BE CONSTRUCTED IN ALL STREET UNLESS OTHERWISE SHOWN.
- 28. PSM's TO BE HIGH STABILITY TYPE. REFER TO COUNCIL STANDARD DRAWING SDII-IO. MGA CO-ORDINATES AND AHD LEVEL TO BE SUPPLIED TO COUNCIL.

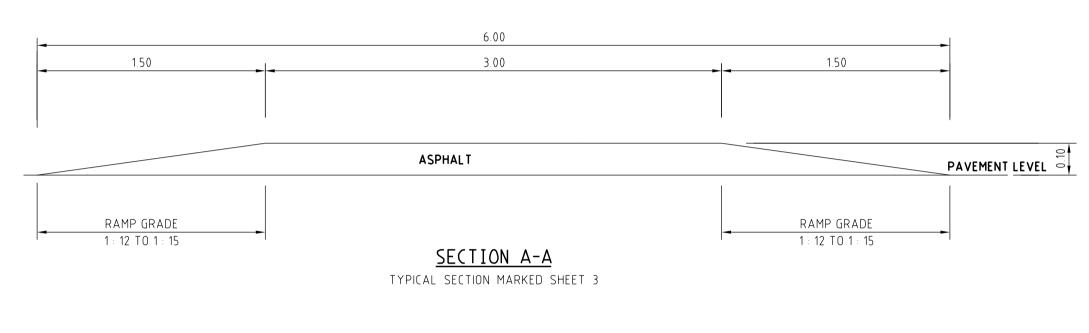
- 29 GUNAWAN DRIVE PAVEMENT TO CONSIST OF:
 - a) 20mm COMPACTED DEPTH 7mm NOMINAL SIZE TYPE 'L' ASPHALT WITH C170 BINDER.
 - (ASPHALT TO BE 5mm PROUD OF LIP OF KERB) b) 30mm COMPACTED DEPTH 10mm NOMINAL SIZE TYPE 'N' ASPHALT WITH C170 BINDER. c) IOmm SAMI SEAL.
 - d) 140mm COMPACTED DEPTH 20mm NOMINAL SIZE CLASS 2 F.C.R. COMPACTED TO AT LEAST 98% MODIFIED DRY DENSITY RATIO WITH A MEAN VALUE OF AT LEAST 100% MODIFIED
 - e) 120mm COMPACTED DEPTH 20mm NOMINAL SIZE CLASS 3 FCR COMPACTED TO AT LEAST 95% MODIFIED DRY DENSITY RATIO WITH A MEAN VALUE OF AT LEAST 98% MODIFIED DRY DENSITY RATIO & WITHIN 1% OF THE MODIFED OPTIMUM MOISTURE CONTENT.

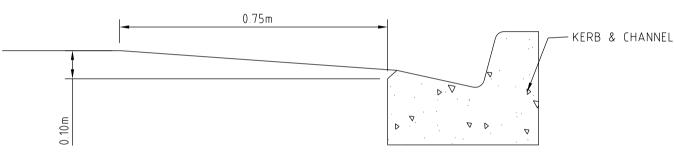
DRY DENSITY RATIO & WITHIN 1% OF THE MODIFIED OPTIMUM MOISTURE CONTENT.

- f) 200mm COMPACTED DEPTH 40mm RIPPED ROCK WITH A MINIMUM SOAKED CBR OF 10%, COMPACTED TO AT LEAST 98% STANDARD DRY DENSITY RATIO WITH A MEAN VALUE OF AT LEAST 100% STANDARD DRY DENSITY RATIO & WITHIN 1% OF THE STANDARD OPTIMUM MOISTURE CONTENT & A PERCENTAGE SWELL OF LESS THAN 1.5%
- TOTAL PAVEMENT DEPTH 520mm
- 30. ALL PAVEMENTS TO BE COMPACTED TO 98% AUSTRALIAN DRY DENSITY. PAVEMENT DEPTH MAY NOT BE MODIFIED UNLESS APPROVED BY COUNCIL TO THE SATISFACTION OF THE DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE.
- 31. ALL 125mm THICK FOOTPATH CONCRETE PAVING TO BE REINFORCED WITH SL72 MESH AND MUST BE CONSTRUCTED WITH A 50mm UNDERLAYER OF 20mm COMPACTED CLASS 3 FCR IN ACCORDANCE WITH VPA STANDARD DRAWING EDCM 401.
- 32. CONCRETE BIN AREAS TO BE 125mm THICK CONCRETE PAVING TO BE REINFORCED WITH SL62 MESH AND MUST BE CONSTRUCTED WITH A 50mm UNDERLAYER OF 20mm COMPACTED CLASS 3 FCR IN ACCORDANCE WITH COUNCIL STANDARD DRAWING No SD2-1.
- 33. 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
- 34. ALL SIGNS AND TRAFFIC CONTROL MEASURES SHALL BE IN ACCORDANCE WITH AS 1742-1,2,3 -1986. LINE MARKING SHALL BE IN ACCORDANCE WITH VICROADS REQUIREMENT WITH LATERAL WORKS AND ARROWS BEING COLD APPLIED PLASTIC TROWELLED INTO PLACE (MATERIAL DEGADUR OR PLASTELINE) AND LONGITUDINAL LINES BEING EXTRUDED THERMOPLASTIC MATERIAL (VICROADS SPECIFICATION SEE SECTION 710 & 722).
- 35. PRIOR TO COMMENCEMENT OF WORKS, THE CONTRACTOR MUST SUBMIT A SMP TO THE DEVELOPER'S CONSULTANT FOR APPROVAL. THE CONTRACTOR MUST COMPLY WITH THE RECOMMENDATIONS OF THE ENVIRONMENT PROTECTION AUTHORITY PUBLICATION No.275 "CONSTRUCTION TECHNIQUES FOR SEDIMENT POLLUTION CONTROL" AND MW SITE ENVIRONMENTAL MANAGEMENT POLICY 3.8.2. APPROPRIATE SILTATION CONTROL IS TO BE MAINTAINED THROUGHOUT THE CONSTRUCTION AND MAINTENANCE PERIOD OF THE WORKS.
- PRIOR TO START OF WORKS ON SITE. A PRE-COMMENCEMENT MEETING MUST BE HELD BETWEEN DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE, THE DEVELOPER'S CONSULTANT AND THE CONTRACTOR.
- 37. PRIOR TO COMMENCING WORKS ON SITE, THE CONTRACTOR MUST OBTAIN ROAD OPENING/WORKS PERMITS FROM COUNCIL FOR ANY WORKS WITHIN EXISTING ROAD RESERVES OR WORKS ON ANY EXISTING INFRASTRUCTURE.
- 38. STREET NAMES TO BE INSTALLED ON PUBLIC LIGHTING POLES AT INTERSECTIONS WHERE POSSIBLE. ALL SIGNS ARE TO BE INSTALLED IN ACCORDANCE WITH COUNCIL STANDARD DRAWING SDII-I.
- LOCATION OF ALL UNDERGROUND SERVICE CONDUITS TO BE MARKED ON BOTH SIDES OF THE KERB AND CHANNEL WITH W FOR WATER, RW FOR RECYCLED WATER, G FOR GAS, T FOR TELECOMMUNICATIONS & E FOR ELECTRICITY (REFER COUNCIL STANDARD DRG SDII-8).
- 40. THE CONTRACTOR IS TO INSTALL BLUE RRPM'S ON THE ROAD CENTRLINE AND MARKER POSTS TO INDICATE THE LOCATION OF FIRE PLUGS OR HYDRANTS IN ACCORDANCE WITH WYNDHAM CITY COUNCIL'S STANDARD DRAWING SDII-II.
- 41. GAS AND WATER CONDUITS TO BE 50mm & 100mm DIAMETER RESPECTIVELY.
- 42. ALL SERVICE TRENCHES UNDER CONCRETE FOOTPATHS AND VEHICLE CROSSINGS TO BE BACKFILLED WITH CLASS 3 CRUSHED ROCK MATERIAL.
- 43. EXISTING DAM OR WATERCOURSES TO BE EXCAVATED TO A FIRM BASE AND BACKFILLED TO LEVEL I AS SPECIFIED. DEVELOPER'S CONSULTANT TO BE NOTIFIED WHEN THE DAM OR WATERCOURSES ARE EXCAVATED TO A FIRM BASE. NO FILLING IS TO BE PLACED PRIOR TO DAMS BEING INSPECTED AND LEVELS TAKEN. BACKFILLING IS TO BE CARRIED OUT TO THE SATISFACTION OF THE DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE.
- 44. PROVIDE 1.8m HIGH PALING FENCE ALONG ANY COMMON BOUNDARY BETWEEN A LOT AND MUNICIPAL RESERVE. PALINGS TO BE ON THE RESERVE SIDE AND CONSTRUCTED IN ACCORDANCE WITH COUNCIL STANDARD DRAWING SDII-5B.
- 45. FITZROY BOXES TO BE PROVIDED FOR WATER AND GAS TAPPINGS LOCATED UNDER THE BICYCLE PATH FOR LOTS 2004-2006.



GUNAWAN DRIVE TYPICAL CROSS SECTION





SECTION B-B TYPICAL SECTION MARKED SHEET 3

SETOUT DETAILS FOR RAISED PAVEMENT

NOTE: ASPHALT TO BE COMPACTED IN LAYERS NOT MORE THAN 50mm.

			breese pit land surveyors	t dixon pty	
	MELWAY REF.	234-G-2	BIVEBDVI	E VILLAGE	MU
	SURVEY	BPD			L
	DESIGN	GL	STAG	E 19B	REI

DRAWN

CHECKED

SSUED FOR CONSTRUCTION

REMARKS

DATE

GL

(H

1/19 cato street

hawthorn east, 3123

fax no. 8823 2310

0F I:\H8554\ENG\STI9B\EI9B_R04_NOTE.dgn

MUNICIPALITY

REFERENCE

SHEET 4

GENERAL NOTES & TYPICAL SECTIONS

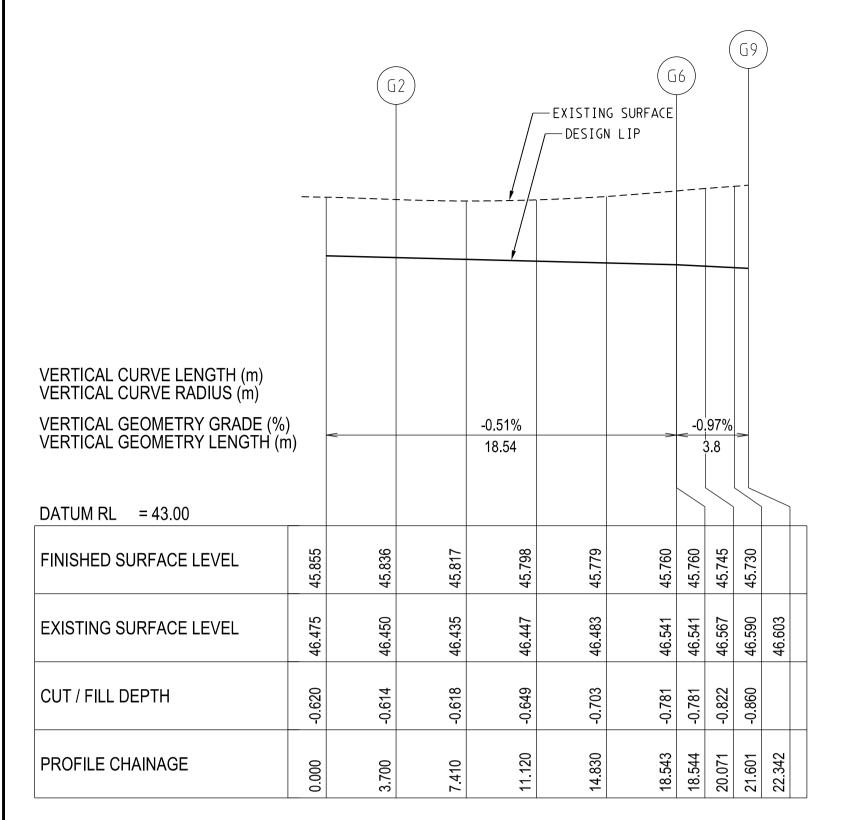
DATE

JUL 19

SCALE AS SHOWN DATUM AHD

WYNDHAM

telephone 8823 2300



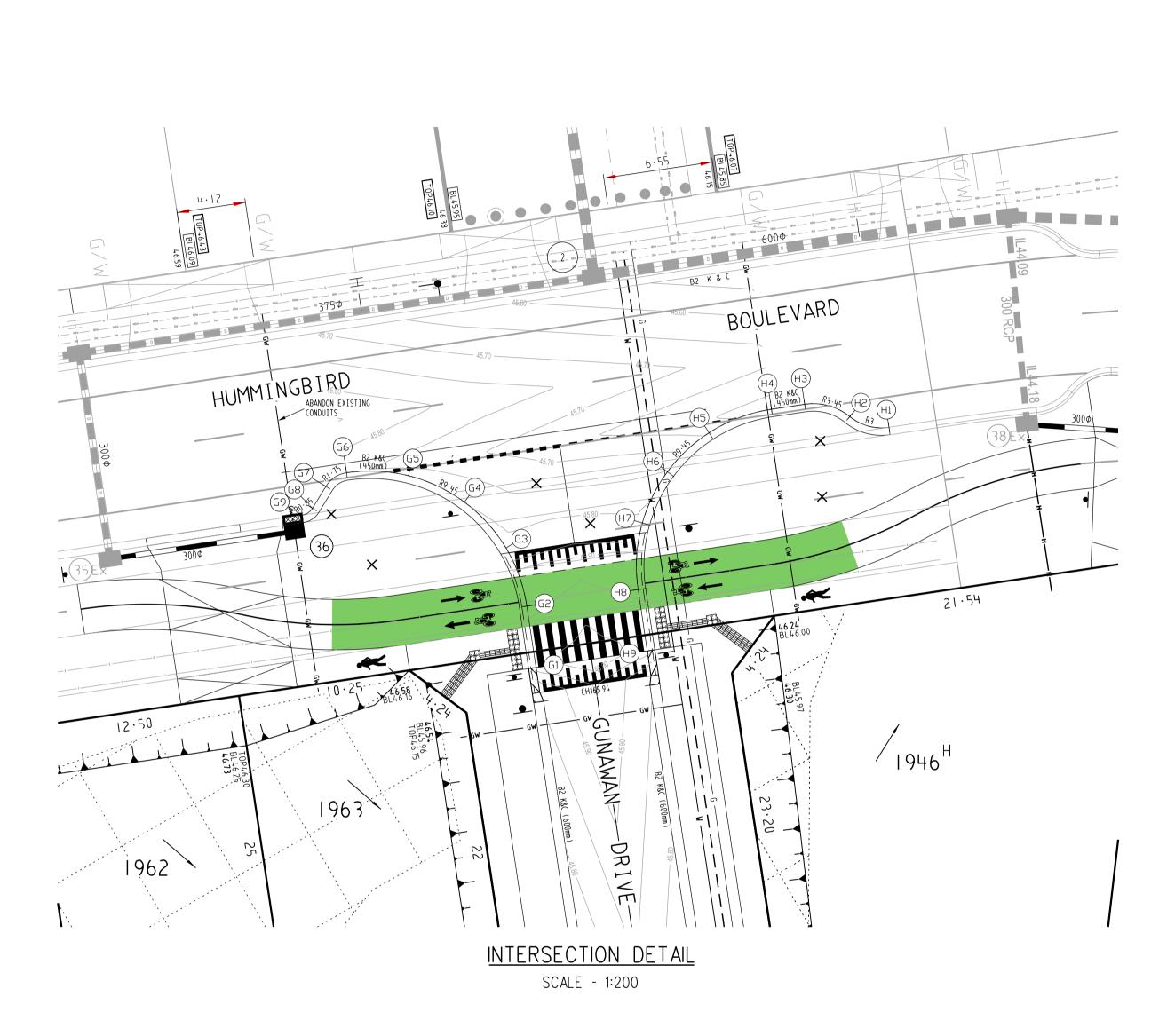
A1 SCALE: H 1:200, V 1:40

LIP LINE LONGITUDINAL SECTION G

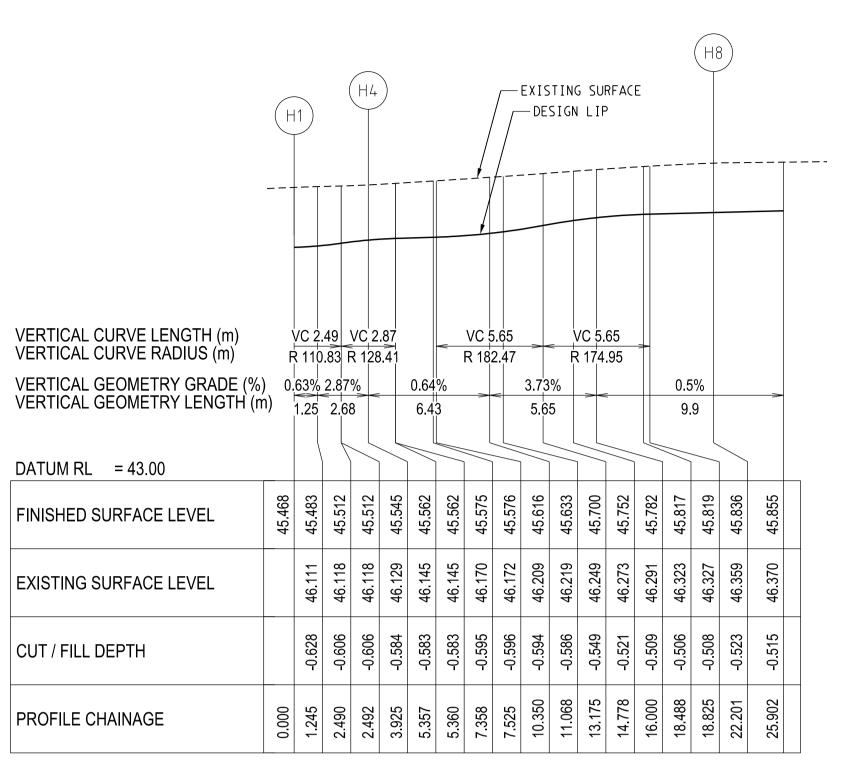
KERB G PROFILE

POINT	EASTING	NORTHING	LEVEL	CHAINAGE
G1	612.577	444.488	45.855	0.000
G2	612.031	448.147	45.836	3.701
G3	610.786	451.616	45.817	7.410
G4	608.308	454.345	45.798	11.120
G5	604.974	455.918	45.779	14.830
G6	601.289	456.096	45.760	18.543
G7	600.055	455.281	45.745	20.070
G8	599.255	453.975	45.730	21.601
G9	598.658	453.579	45.723	22.341
1	1	1	1	l .

KERB G - HORIZONTAL SETOUT										
PT	CHAINAGE	EASTING	NORTHING	BEARING	RAD/SPIRAL	A.LENGTH	DEFL.ANGLE			
IP 1	0.000	612.578	444.487	351°29'59.92"						
TC	3.701	612.031	448.148	351°29'59.88"						
IP 3	11.122	610.634	457.493		R = -9.449	14.842	90			
СТ	18.543	601.289	456.096	261°29'59.67"						
IP 4	19.308	600.481	455.975		R = -1.750	1.527	49°59'57.14"			
СТ	20.071	600.054	455.280	211°30'02.53"						
IP 5	21.971	599.048	453.638		R = 0.850	0.742	49°59'49.64"			
СТ	22.342	598.656	453.579	261°29'52.17"						
IP 6	22.342	598.656	453.579	261°29'52.17"						



ALL SETOUT DETAILS ARE PROVIDED AT LIP OF KERB



A1 SCALE: H 1:200, V 1:40

LIP LINE LONGITUDINAL SECTION H

KERB H PROFILE

POINT	EASTING	NORTHING	LEVEL	CHAINAGE
H1	633.604	458.802	45.468	0.000
H2	631.270	459.441	45.512	2.492
H3	628.585	460.176	45.562	5.357
H4	626.606	459.880	45.575	7.358
H5	623.137	458.634	45.632	11.068
H6	620.408	456.156	45.753	14.778
H7	618.834	452.823	45.817	18.488
H8	618.657	449.138	45.836	22.201
H9	619.204	445.478	45.855	25.901
	1	ı		l .

	KERB H - HORIZONTAL SETOUT										
PT	CHAINAGE	EASTING	NORTHING	BEARING	RAD/SPIRAL	A.LENGTH	DEFL.ANGLE				
IP 1	0.000	633.605	458.802	261°29'59.88"							
IP 2	1.246	632.297	458.607		R = 3.000	2.492	47°35'27.54"				
СС	2.492	631.270	459.441	309°05'27.41"							
IP 3	3.925	630.089	460.400		R = -3.450	2.866	47°35'27.54"				
СТ	5.357	628.585	460.175	261°29'59.88"							
TC	7.358	626.606	459.880	261°29'59.88"							
IP 4	14.780	617.260	458.483		R = -9.449	14.842	90°00'00.07"				
СТ	22.201	618.657	449.138	171°29'59.81"							
IP 5	25.902	619.204	445.478	171°29'59.81"							

b a Chord Radius

CURVE SETOUT DIAGRAM

							k
	ENTS				MELWAY REF.	234-G-2	
ı	AMENDMENTS				SURVEY	BPD	
ı	A				DESIGN	GL	
ı		А	17/07/20	ISSUED FOR CONSTRUCTION	DRAWN	GL	
ı		VER.	DATE	REMARKS	CHECKED	CH	SCALE

breese pit	t dixon pty. Itd
land surveyors	civil engineers

RIVERDALE VILLAGE

1/19 cato street
hawthorn east, 3123
rs telephone 8823 2300
fax no. 8823 2310

WYNDHAM

REFERENCE

8554 E/19B

STAGE 19B

INTERSECTION DETAILS

SCALE 1: 200 @A1

0 4 8 LENGTHS ARE IN METRES

A 17/07/20 ISSUED FOR CONSTRUCTION

DRAWN
GL

INTERSECTION DETAILS

OF SOME AS SHOWN
DATUM AHD

INTERSECTION DETAILS

OF SOME SHEET SOF 8

INTERSECTION DETAILS

OF SOME SHEET SOF 8

INTERSECTION DETAILS

OF SOME SHEET SOF 8

INTERSECTION DETAILS

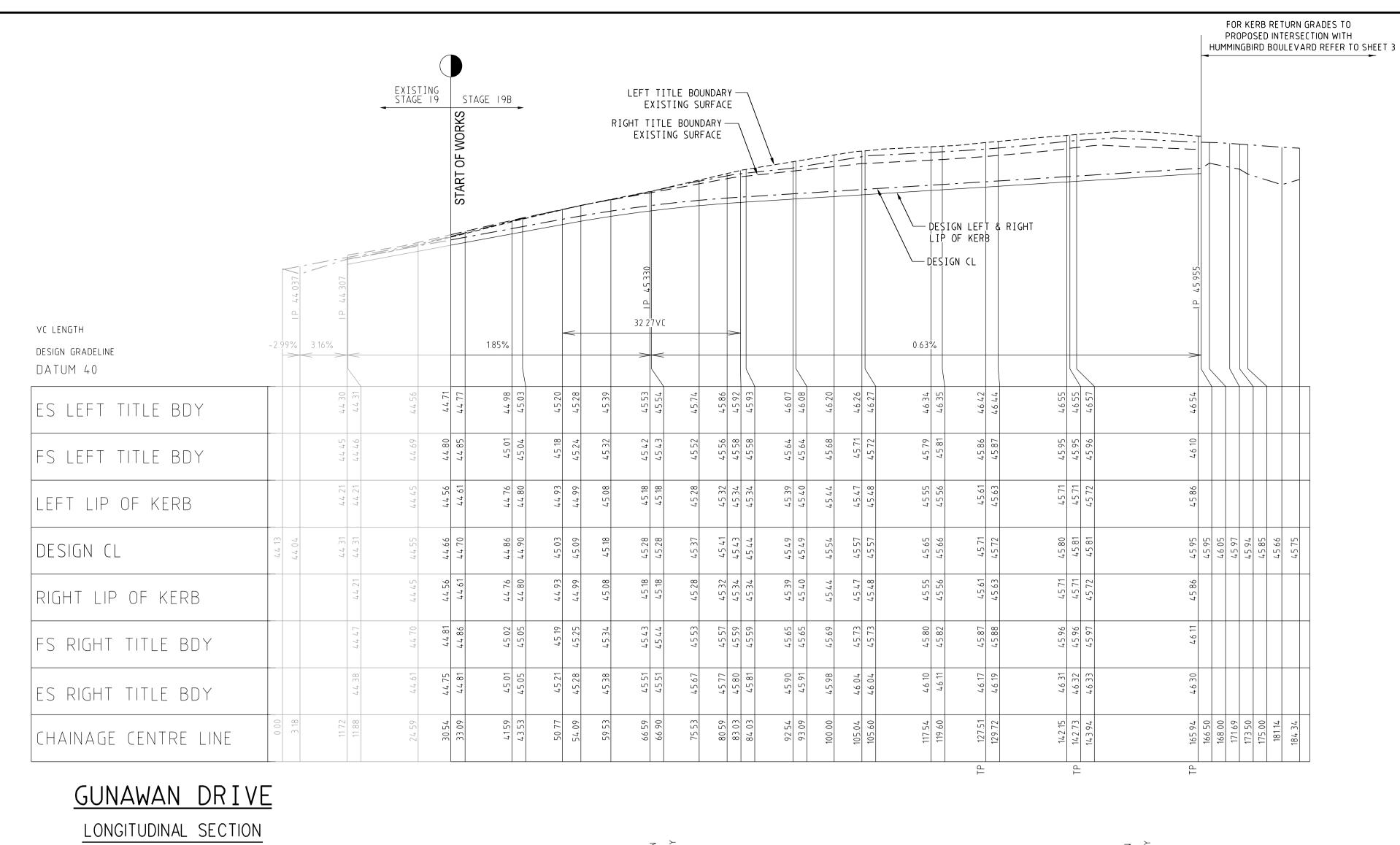
INTERSECTION DETAILS

OF SOME SHEET SOF 8

INTERSECTION DETAILS

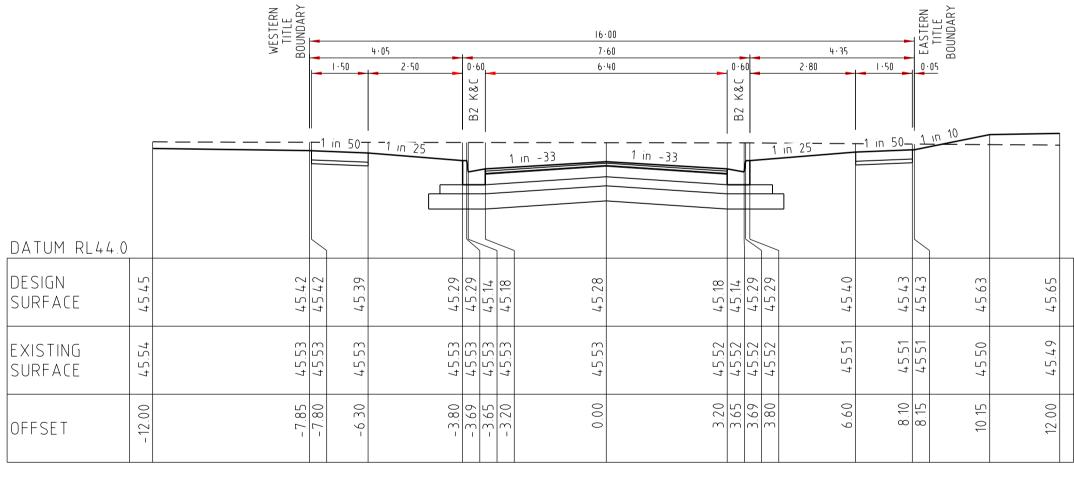
OF SOME SHEET SOF 8

INTERSECTION DETAILS



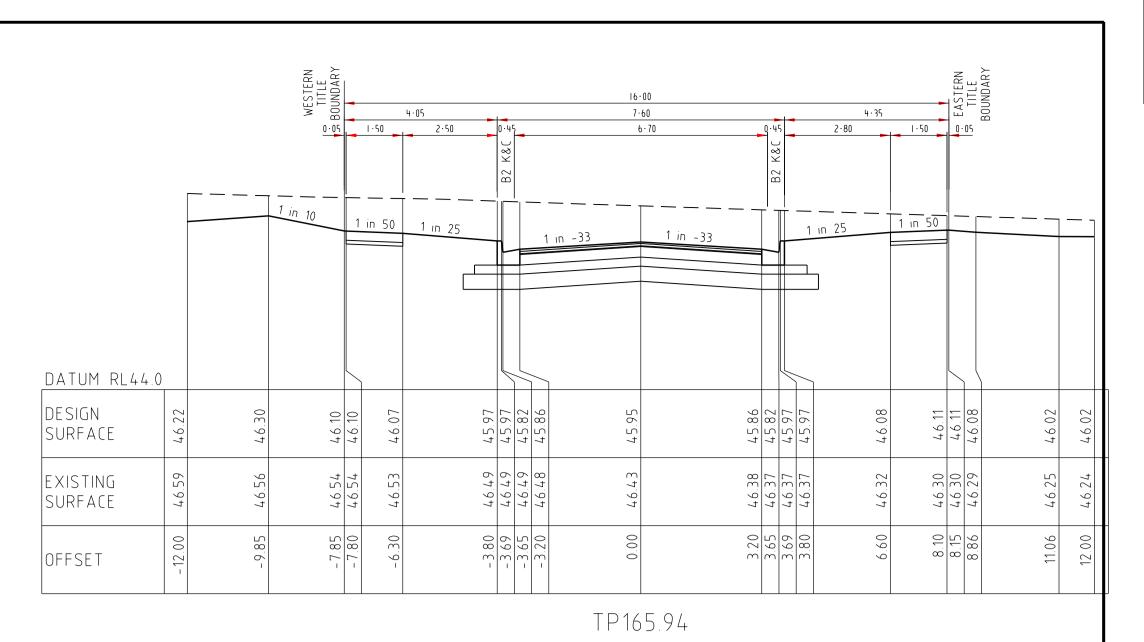
SCALE HORIZONTAL 1:500 VERTICAL 1:50

1:500 10 5 00 1:50 1 0.5 00



									Ch66.59								
		WESTERN TITLE BOUNDARY													EASTERN	BOUNDARY	
DATUM RL43	3 0	 		n 50	1 in 25			1_	in =33 — — — — ——33			_1 #	<u>25</u>	1 in 50	1 11	10	
DESIGN SURFACE	8.44	08.44	08.44	17.77		79.44	44.6/	77.77	77.66	77 77 77 77 77 77 77 77 77 77 77 77 77	19.44	19.44	78	18 77	44.81	45.01	7.05
EXISTING SURFACE	44.70	44.71	44.71	44.71		44.71	44.71		44.72	44.73	44.73	44.73	77.77	52 77	44.75	97.79	17.77
OFFSET	-12.00	-7.85	-7.80	-6.30		-3.80	-3.69	-3.20	00.0	3.20	3.69	3.80	09'9	01 80	8.15	10.15	12.00

Ch30.54



1 in 50 DATUM RL44.0 DESIGN SURFACE 46.57 EXISTING SURFACE OFFSET

DATUM RL44.0 DESIGN SURFACE EXISTING SURFACE -7.85 OFFSET Ch105.60

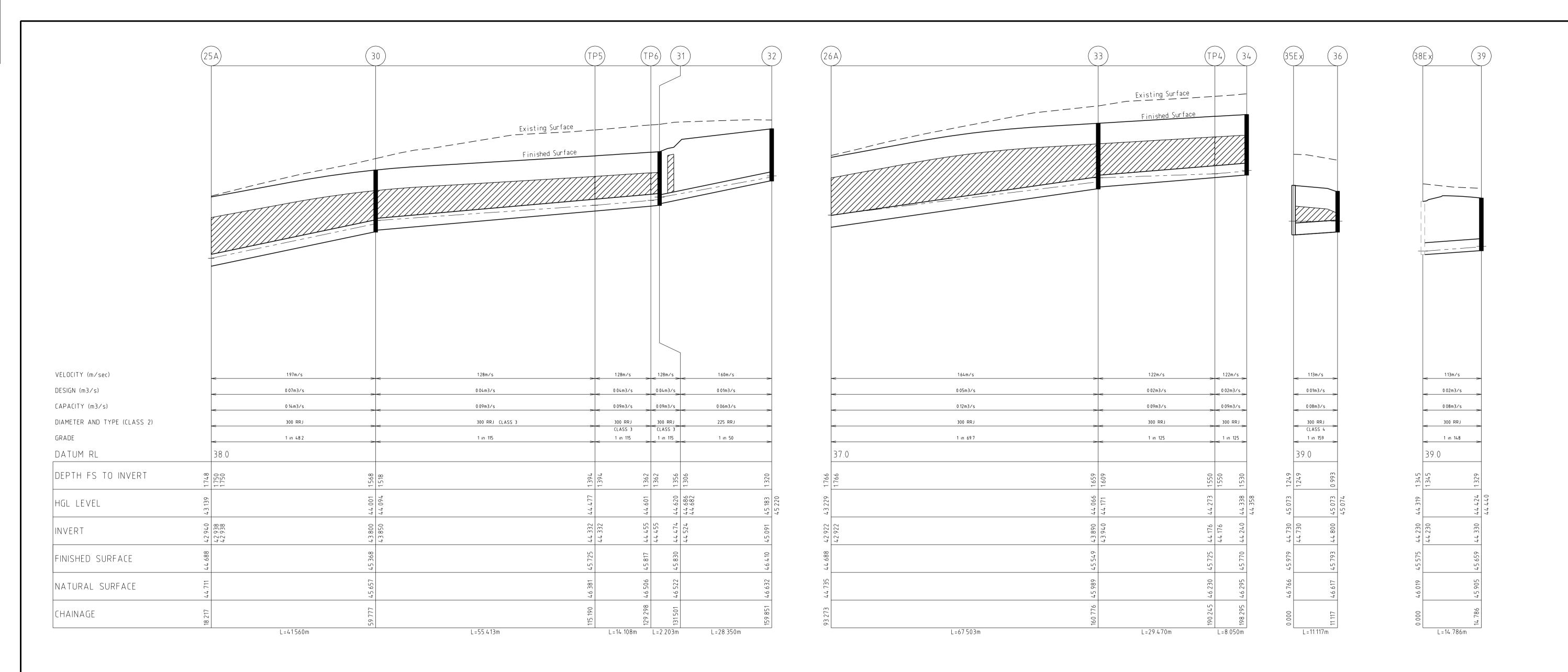
Ch143.94

GUNAWAN DRIVE

CROSS SECTIONS SCALE HORIZONTAL 1:100 VERTICAL 1:50

1:100 2 1 00 1:50 1 0.5 00

						breese pitt dixon pty. Itd. 1/19 cato street hawthorn east, 3123 telephone 8823 2310
AMENDMENTS				MELWAY REF.	234-G-2	RIVERDALE VILLAGE MUNICIPALITY
				SURVEY	BPD	I WYNDHAM
^				DESIGN	GL	STAGE 19B GUNAWAN DRIVE REFERENCE
	ДΙ	7/07/20	ISSUED FOR CONSTRUCTION	DRAWN	GL	LONGITUDINAL & CROSS SECTIONS 8554 198
V	ER.	DATE	REMARKS	CHECKED	CH	SCALE AS SHOWN DATUM AHD DATE JULI9 SHEET 6 OF 8 A



PIT SCHEDULE

PIT	PIT DESCRIPTION	LENGTH	WIDTH	INLE	Т	OUTL	ET	ТОР	DEPTH	REMARKS
No.	PIT DESCRIPTION	LENGTH	WIDIR	INVERT	DIA	INVERT	DIA	PIT RL	INVERT	
25A	EXISTING PIPE			42.94	300	42.94	300	44.69	1.75	
26A	EXISTING PIPE			42.92	300	42.92	300	44.69	1.77	
30	GRATED ENTRY PIT	900	600	43.85	300	43.80	300	45.37	1.57	EDCM STD DWG 601
31	GRATED ENTRY PIT	900	600	44.52	22 5	44.47	300	45.83	1.36	EDCM STD DWG 601
32	JUNCTION PIT	900	600			45.09	225	46.41	1.32	EDCM STD DWG 605
33	GRATED ENTRY PIT	900	600	43.94	300	43.89	300	45.55	1.66	EDCM STD DWG 601
34	JUNCTION PIT	900	600			44.24	300	45.77	1.53	EDCM STD DWG 605
35Ex	EXISTING PIT			44.73	300			45.98	1.25	
36	GRATED ENTRY PIT	900	600			44.80	300	45.79	0.99	EDCM STD DWG 601
38Ex	EXISTING PIT			44.23	300			45.58	1.35	
39	GRATED ENTRY PIT	900	600			44.33	300	45.66	1.33	EDCM STD DWG 601
TP1				44.33	300	44.33	300	45.73	1.39	
TP2				44.46	300	44.46	300	45.82	1.36	
TP3				44.18	300	44.18	300	45.73	1.55	

INDICATES CLASS 3 CRUSHED ROCK BACKFILL

INDICATES CLASS 2 CRUSHED ROCK BACKFILL

—— - INDICATES CLASS 2 CRUSHED ROCK BA

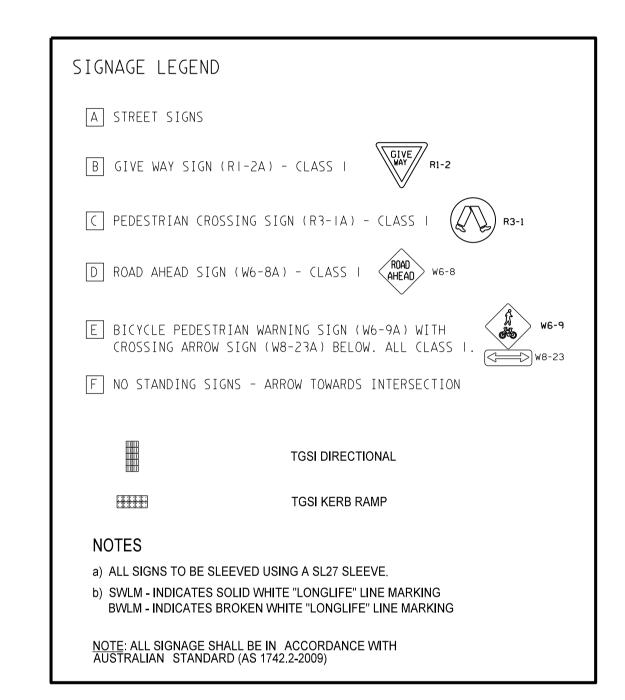
"LDA" INDICATES PIPES WITH LARGER DEFLECTION ANGLE TO BE ORDERED

DRAINAGE LONGITUDINAL SECTIONS

SCALE HORIZONTAL 1:500
VERTICAL 1:50

						breese land survey		dix	on pty. civil engin		1/19 cato stree hawthorn east, 31 telephone 8823 2 fax no. 8823 23	123 2300
ENTS		MELWAY REF.		234-G-2	DIVE	RDALE	\/ T I	1 ACE	N	MUNICIPALITY		
AMENDMENTS				SURVEY	BPD						WYNDHAM	
Ĭ				DESIGN	GL] `	STAGE	196	3	R	EFERENCE	
	А	17/07/20	ISSUED FOR CONSTRUCTION	DRAWN	GL						8554 E/19B	
	VEF	R. DATE	REMARKS	CHECKED	CH	SCALE AS SHOWN	DATUM AH[)	DATE JUL 19	S	SHEET 7 OF 8	A





WARNING

BEWARE OF UNDERGROUND SERVICES THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

10 5 0 10 20 LENGTHS ARE IN METRES

						b Iar
AMENDMENTS				MELWAY REF.	234-G-2	
MEND				SURVEY	BPD	
				DESIGN	GL	
ı	А	17/07/20	ISSUED FOR CONSTRUCTION	DRAWN	GL	
	VER.	DATE	REMARKS	CHECKED	СН	SCALE

breese pitt dixon pty. Itd. hawthorn east, 3123 land surveyors civil engineers telephone 8823 2300 fax no. 8823 2310

RIVERDALE VILLAGE

STAGE 19B

AS SHOWN DATUM AHD

DATE JUL 19

MUNICIPALITY WYNDHAM REFERENCE **8554** E/19B

SHEET 8 OF 8

I:\H8554\ENG\STI9B\EI9B_R08_SIGN.dgn