

T:\Projects\BPD\8625 Mystique\CAD\Drawings\Stage 08\8625_E08_R01_DET.dwg (R01)

STREET NAME WATER GAS ELECTRICITY FIBRE TO THE HOME Bk. of KERB JOINT TRENCHING														
ANTASIA BOULEVARD	25.00	3.30 N	2.75 N	2.25 N	2.75 S	1.00 BOK	1.85 S	1.85 N & S	8.55N/4.55S	W & G, F & E				
ANDOVER ROAD	15.45 17.00 *	1.65 E 3.20 E *	1.15 E 2.70 E *	0.70 E 2.25 E *	3.20 W	1.30 BOK	2.45 W	0.30E/1.85E * 2.45 W	2.80E/4.35E* 5.05 W	W & G, F & E				
ANDOVER ROAD (opp Lot 832)	17.00	3.20 E	2.70 E	2.25 E	2.60 W	1.50 BOK	1.85 W	1.85 W	5.05 W	W & G, F & E				
NDALASIA STREET	16.00	3.05 S&W	2.55 S&W	2.10 S&W	2.60 N&E	0.90 BOK	1.85 N&E	1.85 N&E 1.70 S&W	4.20 S&W 4.20 N&E	W & G, F & E				
OTTONWOOD DRIVE (FUT)	14.50	3.00 S	2.50 S	2.10 S	1.10 N	-	0.35 N	-	4.20 S 2.70 N	W & G, F & E				
UTTERNUT STREET (FUT)	16.00	3.00 S	2.50 S	2.10 S	2.60 N	-	1.85 N	-	4.20 S 4.20 N	W & G, F & E				

NOTE: a) Landover offsets shown to current 15.45m road reserve width. 'x' Indicates offsets
 b) Street trees to be located in the centre of nature strips.
 c) Typical pole offsets shown. Refer electrical design plans for specific pole offsets.

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LENGTHS ARE IN METRES

¹⁰ ²⁰ SCALE 1 : 500 (A1)

	E	3.11.21	AMENDED EASEMENT/SEWER IN LOT 811	
MENTS	D	5/10/21	ESTATE NAME, E/NBN OFFSETS (LANDOVER), SHEET INDEX REVISED	MELWAY REF. 389-
AMENDI	С	12.10.20	SERVICES SCHEDULE (ELEC POLE O/S) AMENDED. SHEET INDEX UPDATED.	^{SURVEY} BF
	В	23.09.20	SERVICES TABLE REVISED (LANDOVER OPP LOT 832)	DESIGN
	А	28.07.20	ISSUED FOR CONSTRUCTION	DRAWN , D
	VER.	DATE	REMARKS	CHECKED Son

SERVICES OFFSETS AND LOCATIONS

NOTE: a) Landover offsets shown to current 15.45m road reserve width. 'x' Indicates offsets from future eastern road reserve boundary (ie ultimate 17m road width).

SHT.		DRAWING INDEX
No.	VER	DESCRIPTION
1	E	LAYOUT PLAN & SERVICES SCHEDULE
2	С	NOTES, PAVEMENT COMPOSITION & DETAILS
3	В	INTERSECTION DETAILS & DETAIL NOTES
4	В	LONGITUDINAL & CROSS SECTIONS - FANTASIA BOULEVARD
5	В	LONGITUDINAL SECTION - LANDOVER ROAD, and TYPICAL SECTIONS
6	В	CROSS SECTIONS - LANDOVER ROAD
7	В	LONGITUDINAL & CROSS SECTIONS - ANDALASIA STREET
8	В	DRAINAGE LONGITUDINAL SECTIONS
9	В	DRAINAGE LONGITUDINAL SECTIONS & PIT SCHEDULE
10	В	SIGNAGE & LINEMARKING PLAN



NOTES

- ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH PLANS AND CURRENT CITY OF WHITTLESEA SPECIFICATIONS AND STANDARD DRAWINGS APPROVED BY COUNCIL AND TO THE SATISFACTION OF THE ENGINEER.
- COUNCIL TO BE NOTIFIED 2 CLEAR DAYS PRIOR TO COMMENCEMENT OF WORKS.
- DRAINAGE AND PITS TO BE SETOUT FROM OFFSETS SHOWN RATHER THAN FROM CENTRELINE PIPE CHAINAGES. REFER EDCM601-608 FOR FURTHER DETAILS.
- . ALL PIPES TO BE CLASS 2 UNLESS OTHERWISE SPECIFIED AND SHALL BE RRJ UP TO AND INCLUDING 750mm DIAMETER. PIPES ABOVE THIS SIZE MUST BE FLUSH JOINTED WITH EXTERNAL SEALING BANDS. ALL DRAINS THAT CROSS UNDER ROAD PAVEMENTS ARE TO BE CLASS 4 R.C.P.
- JOINTING FOR CURVED PIPE ALIGNMENT SHALL CONFORM TO MANUFACTURER'S SPECIFICATIONS (RRJ'S FOR MINOR DEFLECTIONS OR COMPLETE R.C. BANDAGES)
- PROPERTY INLETS ARE TO BE PLACED 1.0m FROM THE LOW CORNER OF LOT UNLESS OTHERWISE SHOWN.
- LOTS DENOTED THUS 416H ARE TO BE PROVIDED WITH A 100mm HOUSE DRAIN PLACED 5.5m FROM THE LOW CORNER OF THE LOT UNLESS OTHERWISE SHOWN. HOUSE DRAINS TO BE CONNECTED TO STREET DRAINAGE WITH 27A & CAP, CLEAR OF ANY PAVING. IF CONNECTION IS WITHIN PAVING A PIT MUST BE USED.
- APPROVED GRANULAR BACKFILL TO BE PROVIDED WHERE PIPE TRENCHES ENCROACH UNDER ROADWAY DUE TO DEEP EXCAVATIONS IN ROCK.
- SHALLOW CUT OFF DRAINS ARE TO BE PROVIDED ON SUBDIVISION BOUNDARY WHERE NECESSARY.
- 10. 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 SUPERINTENDENT PRIOR TO COMMENCEMENT OF WORKS.
- AGRICULTURAL PIPE DRAINS TO PLACED BEHIND ALL KERB AND CHANNEL AND BUFFER PITCHERS AND WHERE DIRECTED BY THE ENGINEER (REFER TO STD DRG EDCM202).
- 12. ALL DRAINAGE TRENCHES UNDER ROAD PAVEMENTS, KERB & CHANNEL, PARKING BAYS DRIVEWAYS, FOOTPATHS AND BEHIND KERB & CHANNEL SHALL BE BACKFILLED WITH CRUSHED ROCK
- 13. BATTERS SHALL BE 1 IN 6 FOR CUT & FILL UNLESS OTHERWISE SHOWN. BATTERS EXCEEDING 1 IN 6 MUST BE STABILISED AS PER COUNCIL REQUIREMENT.
- 14. ALL NATIVE TREES AND SHRUBS TO BE RETAINED UNLESS ROAD CONSTRUCTION NECESSITATES THEIR REMOVAL OR REMOVAL IS DIRECTED BY THE ENGINEER.
- 15. LOTS TO BE GRADED AND LEFT CLEAN TO THE SATISFACTION OF THE ENGINEER.
- 16. ON COMPLETION THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF RUBBISH AND SPOIL FROM SITE.
- 17. WHERE WORKS ARE IN THE VICINITY OF EXISTING SERVICES, THESE SERVICES ARE TO BE LOCATED AND THE VARIOUS AUTHORITIES NOTIFIED PRIOR TO COMMENCEMENT OF WORKS
- 18. ALL MATERIAL SURROUNDING SERVICE AUTHORITY PITS LOCATED IN FOOTPATHS MUST BE ADEQUATELY COMPACTED IN 150mm LAYERS AND TESTED TO THE SATISFACTION OF THE CITY OF WHITTLESEA, PRIOR TO THE CONSTRUCTION OF FOOTPATH BAYS ADJACENT TO THESE PITS.
- 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.
- 20. ALL GAS AND WATER CONDUITS FOR RESIDENTIAL LOTS TO BE PVC CLASS 12, 50mm DIAMETER & 100mm DIAMETER RESPECTIVELY.
- TELSTRA/NBN Co TO BE NOTIFIED 7 DAYS PRIOR TO CONCRETE BEING PLACED.
- 22. CONDUITS ARE TO BE EXTENDED 450mm BEHIND FACE OF KERB AND TO BE REFERENCED ON FACE OF KERB.
- 23. ALL STREET SIGNS TO BE CONSTRUCTED AND ERECTED TO CURRENT CITY OF WHITTLESEA STANDARDS. STREET NAME PLATES TO BE IN ACCORDANCE WITH STANDARD DRAWING SD825, INCLUDING "NO THROUGH ROAD" NOMINATION WHERE APPLICABLE.
- 24. TRAFFIC CONTROL SIGNS, MARKINGS & DELINEATORS TO BE INSTALLED IN ACCORDANCE WITH AS1742.2. ALL LINE MARKING IS TO BE LONG LIFE ROAD MARKING, WITH LONGITUDINAL LINES IN THERMOPLASTIC & TRANSVERSE MARKINGS IN COLD APPLIED.
- 25. ALL DRIVEWAYS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH EDCM501 & 502 AND ARE TO BE OFFSET 0.75m FROM SIDE BOUNDARY OR EASEMENT UNLESS OTHERWISE SHOWN.
- 26. ALL DRIVEWAY RAMPS INTO PROPERTIES ARE TO BE CUT IN AT A MAXIMUM GRADE OF 1 IN 6.
- 27. FILL AREAS ARE TO BE STRIPPED OF TOPSOIL, FILLED AND TOPSOIL REPLACED TO OBTAIN FINAL FILL LEVELS AS SHOWN ON PLANS. FILLING TO BE CLEAN CLAY COMPACTED TO A DRY DENSITY NOT LESS THAN 95% OF THE MAXIMUM DRY DENSITY VALUE DETERMINED BY THE STANDARD COMPACTION TEST IN ACCORDANCE WITH AUSTRALIAN STANDARD AS1289.5.2.1-2003. CONTROL TESTING TO COMPLY WITH AS3798-2007 APPENDIX B, LEVEL 1
- 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 SUPERVISING ENGINEER.
- 29. FILL REQUIRED UNDER ROADWAY KERB AND CHANNEL AND FOOTPATH TO BE UNDERTAKEN AS PER COUNCIL'S CONSTRUCTION SPECIFICATION FOR ROAD & DRAINAGE WORKS 20.6 (TYPE A MATERIAL AS PER VICROADS STANDARD SPECIFICATION 204) AND COMPACTED TO 98% AASHO IN 150mm LAYERS.
- 30. PAVEMENT DEPTH MAY NOT BE ALTERED WITHOUT WRITTEN APPROVAL FROM CITY OF WHITTLESEA DEVELOPMENT ENGINEERING UNIT PRIOR TO THE COMMENCEMENT OF WORKS. ADDITIONAL COSTS WILL NOT BE CONSIDERED POST TENDER.
- THE CONTRACTOR IS TO ORGANISE AND PAY FOR TESTING OF PAVEMENT BASE COURSE MATERIAL AND FINAL LAYER OF CRUSHED ROCK. A COPY OF RESULTS IS TO BE FORWARDED TO THE DIRECTOR OF ENGINEERING OR HIS REPRESENTATIVE. THE RESULTS MUST MEET THE REQUIREMENTS OF THE CITY OF WHITTLESEA SPECIFICATION BEFORE ANY FURTHER WORKS ARE REQUIRED.
- 32. 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.
- 33. 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 №.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. THE SMP SHALL BE APPROVED BY CITY OF WHITTLESEA DEVELOPMENT ENGINEERING UNIT PRIOR TO THE COMMENCEMENT OF WORKS.
- ALL FOOTPATHS IN ROADS TO BE OFFSET 50mm FROM PROPERTY BOUNDARY. FOOTPATHS CONSTRUCTED ABOVE EXISTING LEVEL TO BE CONSTRUCTED ON APPROVED FILL (TO AS-3798) OF F.C.R. INTO NATURAL GROUND.

- PRIOR TO COMMENCEMENT OF WORKS TREE PROTECTION ZONES (TPZ) ARE TO BE 35. INSTALLED AS SPECIFIED IN THE ANNOTATED DETAILS FORMING PART OF THE PLANNING PERMIT TO TREES NOTED "TO BE RETAINED". THIS INCLUDES THE FOLLOWING
 - RING LOCK WIRE MESH MINIMUM 1.20m HIGH (STD DRG SDL.2.02) - MAIN POSTS 100mm TREATED PINE (TP), MINIMUM 1.80m HIGH

 - SP TO BE PLACED INTERMEDIATELY BETWEEN THE TP AT MAX 3.0m INTERVALS - THE RING LOCK MESH TO ENCIRCLE THE STRUCTURE AND BE FIRMLY SECURED AT EACH POST
 - POSTS MUST BE SUNK INTO THE GROUND BY 450mm (THERE IS TO BE NO CONCRETE TO SECURE POSTS AS THIS WILL AFFECT pH LEVELS)
 - HIGH VISIBILTIY HAZARD MARKER TAPE SECURELY FIXED TO TOP OF WIRE MESH FENCE WITH WIRE TIES
 - THE TREE PROTECTION ZONE IS TO BE CLEARLY SIGN POSTED IN ACCORDANCE WITH CONDITION 20 OF THE PLANNING PERMIT (STD DRG SDL.2.03)
- NO EXCAVATION SHALL BE CARRIED OUT WITHIN 5.0m OF ANY TREE UNTIL APPROVAL IS GIVEN BY THE ENGINEER.
- PROVIDE FENCING ALONG ANY COMMON BOUNDARY BETWEEN A LOT AND MUNICIPAL RESERVE. FENCING TO BE ERECTED BY THE DEVELOPER AT NO COST TO COUNCIL. PALINGS/PICKETS TO BE ON THE RESERVE SIDE AND CONSTRUCTED GENERALLY IN ACCORDANCE WITH COUNCIL STANDARD DRAWING SDL.3.11a & SDL.3.12a - WITH 15mm CHAMFERS AT TOP OF POSTS AND THE FOLLOWING VARIATIONS.
 - a) TYPE A TO CONSIST OF A 1.2m HIGH SEMI-TRANSPARENT FENCE (SDL.3.12a). PROVIDE A 150mm GAP BETWEEN PICKETS. TYPE A IS TO COMMENCE FROM THE FRONT CORNER PEG. LENGTH IS TO BE 5m MIN UNLESS OTHERWISE SHOWN.
 - AFTER TYPE A FENCING. LENGTH IS TO BE 5m MIN UNLESS OTHERWISE SHOWN.
 - c) TYPE C TO CONSIST OF A 1.8m HIGH SOLID FENCE (SDL.3.11a). LENGTH IS TO COMPLETE THE BALANCE OF ANY SIDE OR REAR BOUNDARY FENCING AS INDICATED ON THE LAYOUT PLANS.
- 37. VEHICULAR EXCLUSION FENCING TO BE PROVIDED ALONG THE ROAD FRONTAGES OF ALL RESERVES. REFER LANDSCAPE PLANS FOR FENCE DETAILS. FENCING TO BE CONSTRUCTED AS PART OF LANDSCAPE WORKS.
- 38. EXISTING DRY STONE WALL TO BE REMOVED AND STOCKPILED IN ACCORDANCE WITH SECTION 5.2 OF COUNCIL APPROVED "DRY STONE WALL FEATURE SURVEY AND MANAGEMENT PLAN (NOV 2017)" PREPARED BY ECOLOGY AND HERITAGE PARTNERS PTY LTD. REPLACE STONE WALL WITH A FARM FENCE (CABLE FENCE AS PER MW STD. DWG. 7251/8/203). CONTRACTOR TO ENSURE TEMPORARY FENCING IS IN PLACE DURING WORKS TO AVOID
- 39. TACTILE GROUND SURFACE INDICATORS (TGSI) ARE TO BE INSTALLED WHERE SHOWN IN ACCORDANCE WITH COUNCIL STD DRG SD320 AND AS1428.
- 40. A BUILDING PERMIT MUST BE OBTAINED FOR ANY STRUCTURAL/RETAINING WALL EXCEEDING 1.0m IN HEIGHT PRIOR TO THE COMMENCEMENT OF CONSTRUCTION IN ACCORDANCE WITH THE BUILDING CODE OF AUSTRALIA. A COPY OF BUILDING PERMITS AND 'CERTIFICATE OF COMPLIANCE - CONSTRUCTION' TO BE SUBMITTED TO COUNCIL PRIOR TO STATEMENT OF COMPLIANCE.
- 41. ALL STRUCTURAL WORKS MUST BE SUPERVISED BY A QUALIFIED STRUCTURAL ENGINEER.
- 42. ALL PEDESTRIAN CROSSINGS ARE TO BE CONSTRUCTED GENERALLY IN ACCORDANCE WITH EDCM403. ALL PRAM CROSSING SPLAYS MUST BE 600mm WIDE AND NO GREATER.
- 43. TREE REMOVAL IN ADJOINING PROPERTIES ARE TO BE REMOVED IN ACCORDANCE WITH APPROVED TREE REMOVAL PERMIT 716608 AND ARBORIST REPORT. TREES NOTED BELOW TO BE REMOVED, IF REQUIRED, IN CONSULTATION WITH COUNCIL AND PROPERTY OWNERS: a) PROPERTY 395 EPPING ROAD - TREES 75, 76, 77 & 79 b) PROPERTY 405 EPPING ROAD - TREES 80 & 83





- a. ALL SIGNS TO BE SLEEVED USING A SL27 SLEEVE.
- b. SWLM INDICATES SOLID WHITE "LONGLIFE" LINE MARKING BWLM - INDICATES BROKEN WHITE "LONGLIFE" LINE MARKING
- c. □€ ≥□€ INDICATES UNIDIRECTIONAL & BIDIRECTIONAL RRPM'S PLACED AT 6m CTS, UNLESS OTHERWISE SHOWN
- d. 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
- e. KERB TRANSITION TO TAKE PLACE AT PRAM CROSSINGS AND AT KERB SHOWN THUS
- f. RAISED PAVEMENT AND BICYCLE PATH SHOWN SHADED TO BE COLOURED EMERALD GREEN G13 AND MEET REQUIREMENTS SET OUT IN VICROADS SPECIFICTIONS SECTION 431 - COLOURED

		SYMBOL LEGEN Drains Sewer <300 Sewer >300 Water House Drain Property Inlet Street Sign PSM Retaining Wall Conduits 50mm Conduits 50mm Conduits 100mm Ex Gas/Elect/Tel	Prop Exist S S S S S S S S W W W HH HH F SCECECECECECECECE GW GW W100 - G E T - ROTECTION IE (TPZ)	Ex/Natural/ FS @ Build Top/Toe of Top Ret. W 100yr Flood Fill Prop/Ex Cut Prop/Ex ROCK RET SLEEPER	FS Level +28.57 +NS ing Line D28.51 Batter D028.51 all Level FL28. A Level FL28. WALL SUBSECTION RET WALL CX RET TO BE REMOVED	28.57 [28.57] [JOE28.57]
k l	Drees	se pitt c veyors	dixon pt civil er	y. Itd. Igineers	1/19 catost hawthorn east, telephone 8823 2 fax no. 8823 2	reet 3123 2300 2310
389-B-11 BPD DG , DG	-	ELLERY STA	CESTATE		MUNICIPALITY WHITTLES REFERENCE 8625	BA 80 0ct 05, 2021 - 2:57pm
Bonam.	SCALE As St	DATUM	AHD	May'20	SHEET 3 OF 10	B lotted

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MELWAY REF.

SURVEY

DESIGN

DRAWN

CHECKED



	I ENG	THS ARE IN METR	ES				0.05	BDY					
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<u>BERM</u> in _50	VERTICAL SC	ALE 1:50 (A1) ES						ZZ		1 in 50		
1 in 6		2 4 ALE 1 · 100 (A	1)	8									
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176.683	VERTICAL SC	ALE 1:50 (A1)	-	SURFAC	E	176.42	176.38	176.33	116 261	-C7:0/1	176.158	176.146 176.147 176.147 176.147
177.120	10 5 0	10 20		40	OFFSET		-15.702	-14.500 -14.450	-12.950	10 60	200-01 -	-7.551	-5.950 -5.840 -5.800
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0.05 DRAINAGE RESERVE													
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RESERVE SHAPING					DATUM 175	5	32	27	96	6	71		
(REFER MW DRAWING 4506/02/02)					SURFAC	E	177.0	176.9	176.8	176.8	1767	:	
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RESERVE SHAPING (REFER MW DRAWING													
± 2													
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	FS LEFT TITLE BDY		178.47 178.44	178.43 178.44 178.37 178.33	178.30 178.27 178.20 178.20		178.02 177.96	17 87		17.71	177.69 177.54	177.46	177.37
0.05 DRAINAGE RESERVE	LEFT LIP OF KERB	0 178.60 5 178.45 2 178.45	2178.25 178.25 178.25 178.19 0	7 178.10 5 178.08 5 177.99 2 177.94	177.91 5 177.88 0 177.82 0 177.82		1 177.64 5 177.57	87 771		0 177.32	177.31 177.15	5 177.07	5 176.98
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RESERVE SHAPING	RIGHT LIP OF KERB	53 178.5 38 178.3 34 178.3	C.011 72 222 178.2 19 178.2 15 178.2 13 178.1 13 178.1	10 178.0 09 178.0 99 177.9 94 177.9	92 177.6 88 177.6 82 177.8 81 177.8		64 177.6 57 177.5	7 771 87	2	33 177.3	31 177. 16 177.	08 177.0	98 176.9
(REFER MW DRAWING 4506/02/02)	FS RIGHT TITLE BDY	.91 178. .53 178. .51 178.	45 178. 45 178. 45 178. 44 178. 43 178.	42 178. 42 178. 39 177. 37 177.	36 177. 34 177. 30 177. 20 177.			05 177		.87 177	63 177.	54 177.	42 176.
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11.100													
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					IENDMENTS							MELW	'AY REF. 389
STRUCTURAL MATE	ERIAL PLACED				≥ ∀ B	5/10/21	ESTATE N	AME REV	SED			DESIG	iN
ANGLE OF REPOSE					A VER.	28.07.20 Date	ISSUED FC	IR CONST	RUCTIO RE	N Marks		DRA W	IN KED / Son



T:\Projects\BPD\8625 Mystique\CAD\Drawings\Stage 08\8625_E08_R04-07_LS-XS.dwg (R05)



H 1:500 V 1:50 LANDOVER ROAD

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		7																												
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S LEFT TITLE BDY				176.88		177.06	177.11	17.17	177.33					177.78	177.96	177.99	178.04	178.11	178.15	178.22 178.22	178.29	178.32	178.36	178.37	178.42	178.52 178.55 178.55	178.59		178.86	
EFT LIP OF KERB		176.54 176.53	176.52	176.57	20.011 AF 2Ft	176.74	176.80	176.86 176.91	177.02		177.23 57.771	177.30	177.36	177.45 177.48	177.67	177.69	177.74 177.76	177.81 177.82	177.85	177.92 177.92	177.99	178.02	178.06	178.08 178.12	178.12	178.19 178.23 178.25	178.29		178.56	178.70 178.77
DESIGN C.L.	176.58 176.48	176.49 176.52	176.58	176.66	LU.011	176.85	176.91	176.96 177.02	17.12		177.33	177.40	177.46	177.55 177.59	TT.TT	177.80	177.85 177.87	177.92 177.93	177.96	178.03 178.03	178.10	178.13	178.17	178.18 50 EC 871	178.23	178.30 178.33 178.36	178.40		178.67	178.81
RIGHT LIP OF KERB		176.46 176.47	176.51	176.57	20.071	176.74	176.80	176.86	{ 177.02	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	2177.23	177.30	177.36	<pre>{177.45 177.48</pre>	177.67	\$177.69	<pre>{177.74 {177.76 }</pre>	\$177.81 \$177.82	177.85	<pre>{ 177.92 177.92 </pre>	177.99	178.02	178.06	178.08 178.12	178.12	178.19 178.23 178.25	178.29		178.56	\$ 178.70 \$ 178.77
S RIGHT TITLE BDY				176.85	00.011	177.03	177.07	177.11	\$ 177.27		<pre> { 177.48 </pre>	<pre>////////////////////////////////////</pre>	<pre> 177.61 </pre>	\$ 177.70 \$ 177.73	177.92	\$177.94	<pre>> 177.99 > 178.01 </pre>	<pre> { 178.06 178.07 </pre>	178.10	<pre> { 178.17 178.17 178.17 </pre>	<pre> { 178.24 </pre>	<pre>{ 178.27 </pre>	178.37	778.33	\$ 178.37	<pre></pre>	\$ 178.54		7178.81	<pre>{ 178.95 { 179.02</pre>
S RIGHT TITLE BDY			176.52	176.60	26.261	176.82	176.89	176.96 177.03	17.12		177.33	177.40	177.45	177.51 177.53	177.90	177.97	178.13	178.18 178.18	178.18	178.16 178.16	178.12	178.11	178.13	178.14	178.17	178.27 178.32 178.35	178.41		178.66	178.78
HAINAGE	0.00 3.05	9.35 11.65	15.00	20.00		35.00	40.00	45.24 50.47	60.00		79.60 80.00	85.97	91.40	100.00 103.20	120.00	122.50	127.90 130.00	137.50 14.0.00	145.56	159.56 160.00	173.56	180.00	187.56	190.71 200.00	200.07	210.00 214.07 216.07	220.00		242.27	254.07 260.00
	LONGI		INA	L SE		N (R	d17)							1		ATES LE	EVELS AT	ESTATE B	OUNDARY (VERGE	TO BE WIDE	EN IN FUTURE DEV	/ELOPMEN	Γ)	,	<u> </u>					

178	1	11	11	178	112	178	178	178	17.	178		178	178	178	178	178			
177.74 177.76	177.81	177.82	177.85	177.92	177.92	177.99	178.02	178.06	178.08	178.12 178.12	11.0.12	178.19	178.23 178.25	178.29	178.53	178.56	178.70	178.77	
177.85 177.87	177.92	177.93	177.96	178.03	178.03	178.10	178.13	178.17	178.18	178.23 55 871		178.30	178.35 178.36	178.40	178.64	178.67	178.81	178.88	
177.74	177.81	177.82	177.85	177.92	177.92	177.99	178.02	178.06	178.08	178.12 178.12	1/0.12	178.19	178.23 178.25	178.29	178.53	178.56	178.70	178.77	
178.01	178.06	178.07	178.10	× × × × × × × × × × × × × × × × × × ×	178.17	178.24	* 178.27	178.3	178.33	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		178.44	, 178.48	, 178.54	178.78	, 178.81	178.95	179.02	
178.19	178.18	178.18	178.18	178.16	178.16	178.12	178.11	178.13	178.14	178.17		178.27	178.35	178.41	178.64	178.66	178.78	178.85	
127.90 130.00	137.50	14.0.00	145.56	159.56	160.00	173.56	180.00	187.56	190.71	200.00	7 0.002	210.00	214.07 216.07	220.00	240.00	242.27	254.07	260.00	
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			VERT		LEN	GTHS ARE IN	METRES				AMENDME								SURVEY
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			HORIZ	ONTAL (SC/ ONG	ALE 1:50 ITUDINAL S	00 (A1) ECTION	S			А	28.0	7.20	ISSU	ED FOR CONSTRUCTION				
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FUTURE

IP PANAMA CHA254.07

k La	oreese p and surveyors	oitt dixon	pty. Itd. vil engineers	1/19 cato stree hawthorn east, 312 telephone 8823 230(fax no. 8823 2310	:† :3 0)
9-B-11	FI	I FRY ESTA	TF		
BPD			• –	WHITTLESE	A
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DG			8625 70	8	
nam.	SCALE As Shown	DATUM AHD	DATE May'20	SHEET 5 OF 10	В

VARIES	<u></u> <u></u> <u></u>			1 in 20	
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177.525 177.524 177.494		177.337 177.337 177.187 177.227	177.334	177.227 177.187 177.337 177.337	177.477 177.346
177.449 177.449 177.433		177.395 1177.394 1177.394 177.389	177.355	177.321 177.316 177.316 177.316 177.314	177.333
-7.300		-3.800 -3.690 -3.650 -3.200	0.000	3.200 3.650 3.690 3.800	6.600
CHA 79.599					
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$\frac{V_{ARIES}}{$	1 in 20		— — — — — — — — — — — — — — — — — — —		
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177.104 177.103 177.035		177.047 177.045 177.045 177.041	177.010	176.979 176.975 176.974 176.973	176.963 176.961 176.952
-8.850 -8.800 -7.300		-3.800 -3.690 -3.650 -3.200	0.00.0	3.200 3.650 3.690 3.800	6.600 6.919 7.877
CHA 45.240					
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5.914 17 5.909 17 5.908 17		6.766 17 6.763 17 6.761 17 5.754 17	6.707 17	6.661 17 6.654 17 5.652 17 5.652 17	6.618 17 6.601 17 6.601 17 5.589 17
.032 17 .850 177 .800 177		8.800 17 1.690 17 1.650 17 .200 17	17	200 17 550 17 300 17	600 17 100 17 150 17 17 17
<u>م ایم ایم</u> ۲۵ ۲۵ CHA		<u> </u>	0.0	<u>3.6</u> 3.6	<u>6.(</u> <u>8.1</u> <u>9.7</u>
		171			
LKUSS SEL H 1:100 V 1:50	IIUNS (Kď	<u> /]</u>			
	VARIES TINSO 676/LLL 688/LL 677/LLL 688/LL 675/LLL 677/LLL 676/LLL 678/LLL 676/LLL 678/LLL 676/LLL 678/LLL 677/LLL 678/LLL 678/LLL 678/LLL 678/LLL 678/LLL 678/LLL 678/LLL 678/LLL 678/LLL 678/LLL 678/LLL 678/LLL 678/LLL <td>VARES THOSE THOSE 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td> <td>Убласти полодина Палодина Палодина<td>ОТО ОТО ОТО<td>1930 <th< td=""></th<></td></td></td>	VARES THOSE THOSE 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Убласти полодина Палодина Палодина <td>ОТО ОТО ОТО<td>1930 <th< td=""></th<></td></td>	ОТО ОТО <td>1930 <th< td=""></th<></td>	1930 1930 <th< td=""></th<>

T:\Projects\BPD\8625 Mystique\CAD\Drawings\Stage 08\8625_E08_R04-07_LS-XS.dwg (R06)



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							1 in -30 1 in -30				. <u>1 in</u> 20		<u>*</u>
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				L									
DATUM 177		L				_							
DESIGN SURFACE	178.584	178.545 178.544	178.514		178.359 178.359	178.249 178.249	178.356	178.249	178.209	178.359	۲CC.0/1	178.499	
EXISTING SURFACE	178.584	178.581 178.580	178.562		178.523 178.522	1/8.522 178.518	178.491	178.464	178.460	178.460 178.750	۲C+.0/1	178.353	
OFFSET	- 9.079	-8.850 -8.800	-7.300		-3.690	-3.650 -3.200	0.000	3.200	3.650	3.690	2.000	6.600	

CHA 216.070

		1 in 148		1 in 50		1 in 22								4 := 20	
									— <u>tin -30</u>	1 in _30					
DATUM 176							L								
DESIGN SURFACE	178.427		178.358	178.357 178 327	170.011	178.171	178.171	1/8.021 178.061	178.168	178.061	178.021	178.171	178.171	178.311	
EXISTING SURFACE	178.427		178.295	178.294 178 275	C17.011	178.230	178.228	1/8.228 178.222	178.171	178.111	178,109	178.109	178.108	178.134	
OFFSET	-19.149		-8.850	-8.800 -7 300	00C.1 -	- 3.800	-3.690	-3.200 -3.200	0.000	3.200	3.650	3.690	3.800	6.600	

	CHA 187.560	1 in 150 1 in	6	1 in E0											
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DATUM 176			8										1		
SURFACE		178.28	178.218 178.21	178.18		178.03	177.88	177.92	178.02	177.92	177.88	178.03	178.03	178.17	178.16′
EXISTING SURFACE		178.281	178.281 178.281	178.275		178.242 178.27.1	178.241	178.236	178.206	178.183	178.182	178.181	178.181	178.163	178.161
OFFSET		-9.231	-8.850 -8.800	-7.300		-3.800	-3.650	-3.200	0.000	3.200	3.650	3.690	3.800	6.600	6.661



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DESIGN SURFACE	178.212	178.041	178.010		177 855	177.855	297.771	177.852		177.745	177.705 177 acc //	177.855	177 QQS	178.119
EXISTING SURFACE	178.212	178.210 178.210	178.201		271 871	178.143 c 1/ 071	C +1.0.11 178.143	178.147		178.151	178.152 178.152	178.152	P178 179	178.119
OFFSET	-9.875	-8.850 -8.800	-0.000		008 E -	-3.690	-3.200	0.000		3.200	3.650	3.800	ע ציטע	7.342

CHA 127.900

	LENGTHS ARE IN METRES	
	1 0.5 0 1 2 VERTICAL SCALE 1 : 50 (A1)	4
ATERIAL 2) PLACED SE	2 1 0 2 4 HORIZONTAL SCALE 1 : 100 (A1) CROSS SECTIONS	8

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MENTS				MELWAY REF.	389-B-11
AMEND				SURVEY	BPD
	В	5/10/21	ESTATE NAME REVISED	DESIGN	DG
	A	28.07.20	ISSUED FOR CONSTRUCTION	DRAWN	, DG
	VER.	DATE	REMARKS	CHECKED	Bonam.



DATE

SCALE

As Shown

May'20

SHEET

6 OF 10



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M 176				[1 in -30	1 in -30								DATUM 178	86	
IGN	LLC	.276	.246		.114	.114 .964	.004	.110		-964	.114	.114	.202	.232	.233		SURFACE	180.05	10 0 11
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STING FACE	170 10E	178.185	178.191		178.188	178.188	178.187	178.182		178.175	178.175	178.175	178.171	178.168	178.168		SURFACE	1 180	100
SET		-0.000 -7.950	-6.450		-3.800	-3.650 -3.650	-3.200	0.000	000 8	3.650	3.690	3.800	6.450	7.950	8.000		UFFSEI	- 9.50	0

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3.99 1	9.04 1	9.18 1	9.20 1.	9.22 17	9.37	9.41 17	9.50 17	9.58 17	9.60 1	.79.72	9.80 18	9.82 16	9.85 18	0.13	4					_
76 17	.81 17	95 17	17 17	99 17	.14 17	.18 17	.27 17	35 17	37 17	.56 17	57 17	59 17	.62 17	.87						_
178.	91 178	6 178.	178	10 178.	4 179	9 179	8 179	5 179.	. <mark>8</mark> 179	179.	8 179	179.	179.	81	0	n	18	9	2	_
178.8	178.5	179.0	179.0	179.1	179.2	179.2	179.3	179.4	179.4	179.6	179.6	179.7	179.7	179.9	18.0.0	180.1	180.1	180.2	180.3	
178.76	178.81	178.95	178.97	178.99	179.14	179.18	179.27	179.35	179.37	179.56	179.57	179.59	179.62	179.87						
178.99	179.04	179.18	179.20	179.22	179.37	179.41	179.50	179.58	179.60	179.79	179.80	179.82	179.85	180.10						
178.93	178.96	179.04	179.05	179.07	179.17	179.21	179.29	179.38	179.40	179.69	179.71	179.73	179.77	180.07	18.0.19	180.19				-
6.07	29.07	38.57	+0.00	41.57	51.07	4.07	00.00	5.07	6.57	70.07	30.00	81.07	33.07	00.00	LC L(19.61	12.87	15.87	19.07	-

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SURFACE	3 180.0		179.84	, 179.8			179.72	179.72	, 179.57	, 179.61	8 179.7		5 179.61	3 179.57	179.72	179.72'	179.81	179.8/	179.84	179.75
EXISTING SURFACE	180.095		180.06 / 180.066	180.034			179.978	179.976	179.975	179.965	179.895		179.845	179.838	179.837	179.835	179.793	179.768	179.768	179.759
OFFSET	- 9.501	, , ,	-8.000 -7.950	-6.450	5		-3.800	-3.690	-3.650	-3.200	0.000		3.200	3.650	3.690	3.800	6.450	7.950	8.000	8.535
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SURFACE		179.4	179.4	179.43	:		179.37	179.37	179.37	179.36	179.3		179.2'	179.26	179.26	179.26	179.27	179.2	179.2 ^C	179.19
OFFSET		-8 137	- 8.000	-7.950	;		-3.800	-3.690	-3.650	-3.200	0.000		3.200	3.650	3.690	3.800	6.450	7.950	8.000	9.312
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		ר <i>וו </i>	16	<u> </u>		Tīn 30					1 in -30	1 in -30				. <u>1in 3</u> v		<u> III</u> _	, ", 	;
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DATUM 177																				
DESIGN SURFACE		179.136	179.036	179.005			178.916	178.916	178.766	178.806	178.913		178.806	178.766	178.916	178.916	179.005	179.035	179.036	78.951
EXISTING SURFACE		79.136	<u>/9.130</u>	7.12.7			79.084	/9.083	79.082	, 19.077	179.043		800.67	79.003	79.003	19.002	78.973	18.957	78.957	8.951 1
OFFSET		8.604 1	7.950 1.	+ 057 y	2) 1 1		3.800 1	3.690 17	3.650 1	3.200 1	000		.200	.650 1	.690 1	300 17	.450 1	.950	.000 1	305
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	••••	· · · · ·	BDY				_				16	. 00							BDY	
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DATUM 177	[25	37	<u>л у</u> у	2		18	18	.68	08	14		-08	68	18	8	906	36	37	®. I
SURFACE		5 178.7	8 178.6	178.6	:		6 178.5'	; 178.5'	4 178.3/	9 178.47	178.5		178.4	9 178.3	8 178.5	/ 178.51	0 178.6	4 178.6	4 178.6	3 178.54
SURFACE		178.72	178.71	178.70	, -		178.67	178.67	178.67/	178.66	178.65		178.60	178.59	178.59	178.597	178.57	178.55	178.55	178.548
OFFSET		-8.525	-8.000 -7.950	-6.450			-3.800	-3.690	-3.650	-3.200	00000		3.200	3.650	3.690	3.800	6.450	7.950	8.000	8.533
	CHA	4 102	2.5	70	_										_					
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	SURVE	AY REF.	389 F	<u>-B-11</u> BPD						F	ELLER` ۲ ۲	Y EST	ATE	-						TLESEA
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	СНЕСК		<u> </u>	<u> </u>	'	SCALE			—	—	DATUM	· - · · ·	DA	TĘ				SHEET		· · · · · · · · · · · · · · · · · · ·

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178.93 17 178.93 17 178.95 17 179.05 17 179.07 17 179.17 17 179.29 17 179.40 17 179.40 17 179.40 17 179.40 17 179.40 17 179.40 17 179.40 17 179.40 17 179.73 17 179.73 17 179.73 17 179.73 17 179.73 17 179.73 17 179.73 17 179.73 17 179.73 17 179.73 17 179.73 17 179.73 17 179.73 17 179.73 180.07 180.19 180.19	OFFSET	-8.525 -8.000 -7.950 -6.450	-3.800 -3.690 -3.650 -3.200 0.000	3.200 3.650 3.690 3.690 6.450 6.450 8.000 8.000 8.533
126.07 129.07 129.07 14.1.57 14.1.57 14.1.57 14.1.57 166.57 166.57 166.57 166.57 166.57 181.07 183.07 183.07 183.07 200.000	212.87 215.87 219.07	CHA 102.570		
N METRES LENGTHS ARE IN METRES			eese pitt dixon	1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310
50 (A1) VERTICAL SCALE 1:50 (A1) N METRES LENGTHS ARE IN METRES		MELWAY REF. 389-B-11 SURVEY BPD DESIGN	ELLERY ESTA STAGF 8	ATE WHITTLESEA
4 8 10 5 0 10 20 40 100 (A1) HORIZONTAL SCALE 1 : 500 (A1) TIONS LONGITUDINAL SECTIONS	B 5/10/21 ESTATE NAME REVISED A 28.07.20 ISSUED FOR CONSTRUCTION VER. DATE REMARKS	DG DRAWN DG CHECKED SCAL		ET 8625 ^E / ₀₈



<u>LEGEND</u>

	EXISTING SURFACE
	FINISHED SURFACE
	HYDRAULIC GRADE LINE (5yr)
	DENOTES CRUSHED ROCK BACKFILL
LDA	INDICATES PIPE WITH LARGER DEFLECTION ANGLE TO BE ORDERED

LENGTHS ARE IN METRES	4				6	k	oreese pitt dixon pty. Itd. Land surveyors civil engineers	1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310
VERTICAL SCALE 1 : 50 (A1) LENGTHS ARE IN METRES		MENDMENTS			MELWAY REF. 389-B-1	11	ELLERY ESTATE	
10 5 0 10 20 HORIZONTAL SCALE 1 : 500 (A1)	40	R B	5/10/21	ESTATE NAME REVISED	DESIGN DG		- SIAGE 8 DRAINAGE LONGITUDINAL SECTIONS - SHEET 1	REFERENCE 8625 E/08 t
		VER	DATE	REMARKS	CHECKED Sona	<u>~·</u>	SCALE As Shown DATUM AHD DATE May'20	GHEET 8 OF 10 B

		8) (97)	98)	9	9)
		PROPOSED MW DRAIN		ES	FINISHED SURFACE		
VELOCITY (m/sec)		2.79m/s	~	0.99m/s	0.97m/s	>	0.98m/s
DESIGN (m3/s)		0.06m3/s	><	0.06m3/s	0.06m3/s	_	0.03m3/s
CAPACITY (m3/s)		0.20m3/s	><	0.07m3/s	0.07m3/s		●0.04m3/s
DIAMETER AND TYPE (CLASS 2)		300 RRJ	><	300 RRJ	300 RRJ	~	✓ 225 RRJ
GRADE		✓ 1 in 24	><	1 in 189	1 in 198	_>	► 1 in 133
DATUM RL		171.0					
DEPTH FS TO INVERT	2.366	1.666 1.00 1.00	1.150	1148	1.098	1.272	1.222
HGL LEVEL	176.257	176.310	177.419	177 550	177.599	177.870	177.925
INVERT	175.50	176.20	177.16	177 25	177.30	177.57	177.62
FINISHED SURFACE	177.866		NNC.0/1	178 398		178.842	
NATURAL SURFACE	178.112	110 JOE	CN7.0/1	07C 8L1		178.842	
CHAINAGE	0.000	1 e 2 2	770'17	۶78 87		92.390	
		L=21.822m		L=17.051m	L=53.517m		L=28.000m

Date	20					DRAIN		SCHEDULE		
17/05/20					ICT	Myst		te - Stage 8		
PIT No	ТҮРЕ	WD	LEN	DIA		DIA	INV LEV	FINI SHED	DEPTH	REMARKS (Class 'B'' Cover unless noted otherwise)
1	Proposed MW End Wall	-	-	1050	174.07			175.120	1.050	MW works
2	Proposed MW Junction Pit	1200	1600	750	174.26	1050	174.11	176.540	2.430	MPA EDCM STD DWG 607 (HAUNCHED), REFER NOTE 1
~				525	174.36			176.540	2,430	CONNECT TO PROPOSED STUB
3	Proposed MW Channel Gratina Pit	1200	900	750	174.41	750	174.36	176.660	2.300	MPA EDCM STD DWG 601 & 607 (HAUNCHED), REFER NOTE 2
4	Proposed MW Channel Gratina Pit	1050	900	750	174.52	750	174.47	176.660	2.190	MPA EDCM STD DWG 601 & 607 (HAUNCHED), REFER NOTE 2
	·			300	174.92			176.660	2.190	CONNECT TO PROPOSED STUB
5	Proposed MW Junction Pit	1050	900	750	174.74	750	174.69	176.980	2.290	MPA EDCM STD DWG 607 (HAUNCHED), REFER NOTE 1
	·			300	175.44			176.980	2.290	CONNECT TO PROPOSED STUB
6	Proposed MW Junction Pit	1050	900	675	174.97	750	174.92	177.350	2.430	MPA EDCM STD DWG 607 (HAUNCHED), REFER NOTE 1
	·			300	175.15			177.350	2.430	CONNECT TO PROPOSED STUB
				300	175.37			177.350	2.430	CONNECT TO PROPOSED STUB
7	Proposed MW Channel Grating Pit	900	900	675	175.30	675	175.25	177.630	2.380	MPA EDCM STD DWG 601 & 607 (HAUNCHED), REFER NOTE 2
8	Proposed MW Junction Pit	900	900	675	175.55	675	175.50	177.860	2.360	MPA EDCM STD DWG 607 (HAUNCHED), REFER NOTE 1
				300	176.20			177.860	2.360	CONNECT TO PROPOSED STUB
9	Proposed MW Channel Grating Pit	900	900	675	176.00	675	175.95	178.160	2.210	MPA EDCM STD DWG 601 & 607 (HAUNCHED), REFER NOTE 2
				300	176.33			178.160	2.210	CONNECT TO PROPOSED STUB
10	Proposed MW End of Pipe	-	-			675	176.25	178.430	2.180	MW works
				675	176.25			178.430	2.180	
11A	Proposed Stg6 Channel Grating Pit	750	900	525	174.72	525	174.67	176.710	2.040	MPA EDCM STD DWG 601 & 607 (HAUNCHED), REFER NOTE 2
11B	Proposed Stg6 Channel Grating Pit	750	900	525	174.90	525	174.85	176.730	1.880	MPA EDCM STD DWG 601 & 607 (HAUNCHED), REFER NOTE 2
12	Proposed Stg6 Channel Grating Pit	750	900	525	175.53	525	175.48	177.160	1.680	MPA EDCM STD DWG 601 & 607 (HAUNCHED), REFER NOTE 2
				300	175.59			177.160	1.680	CONNECT TO PROPOSED STUB
89	Channel Grating Pit	600	900	300	175.46	300	175.41	177.290	1.880	MPA EDCM STD DWG 601 & 605 with CLASS 'B' COVER.
90	Channel Grating Pit	600	900	300	175.67	300	175.62	177.290	1.670	MPA EDCM STD DWG 601 & 605 with CLASS 'B' COVER.
91	Channel Grating Pit	600	900	300	176.53	300	176.48	178.130	1.650	MPA EDCM STD DWG 601 & 605 with CLASS 'B' COVER.
92	Channel Grating Pit	600	900	300	176.75	300	176.70	178.330	1.630	MPA EDCM STD DWG 601 & 605 with CLASS 'B' COVER.
93	Channel Grating Pit	600	900	300	176.87	300	176.82	178.340	1.520	MPA EDCM STD DWG 601 & 605 with CLASS 'B' COVER.
94	Channel Grating Pit	600	900	300	178.16	300	178.11	179.720	1.610	MPA EDCM STD DWG 601 & 605 with CLASS 'B' COVER.
				225	178.16			179.720	1.610	
95	Channel Grating Pit	600	900			300	178.21	179.720	1.510	MPA EDCM STD DWG 601 & 605 with CLASS 'B' COVER.
96	Junction Pit	600	900			225	179.38	180.350	0.970	MPA EDCM STD DWG 605 with CLASS 'B' COVER.
97	Junction Pit	600	900	300	177.16	300	177.11	178.290	1.180	MPA EDCM STD DWG 605 with CLASS 'B' COVER.
98	Junction Pit	600	900	300	177.30	300	177.25	178.390	1.140	MPA EDCM STD DWG 605 with CLASS 'B' COVER.
99	Channel Grating Pit	600	900	225	177.62	300	177.57	178.840	1.270	MPA EDCM STD DWG 601 & 605 with CLASS 'B' COVER.
100	Junction Pit	600	900	225	177.88	225	177.83	179.160	1.330	MPA EDCM STD DWG 605 with CLASS 'B' COVER.
				225	177.88			179.160	1.330	
101	Junction Pit	600	900			225	178.02	178.840	0.820	MPA EDCM STD DWG 605 with CLASS 'B' COVER.
102	Junction Pit	600	900			225	178.59	179.420	0.830	MPA EDCM STD DWG 605 with CLASS 'B' COVER.
103	Channel Grating Pit	600	900			300	176.57	178.190	1.620	MPA EDCM STD DWG 601 & 605 with CLASS 'B' COVER.
104	Channel Grating Pit	600	900			300	175.83	177.410	1.580	MPA EDCM STD DWG 601 & 605 with CLASS 'B' COVER.
105	Channel Grating Pit	600	900			300	175.15	176.660	1.510	MPA EDCM STD DWG 601 & 605 with CLASS 'B' COVER.
106	Channel Grating Pit	600	900			300	175.66	177.150	1.490	MPA EDCM STD DWG 601 & 605 with CLASS 'B' COVER.



PIT SCHEDULE NOTES

- REMOVE TEMPORARY TOP OF PIT AT MALTHOID JOINT AND CONSTRUCT TO NEW FS LEVEL WITH CLASS 'B' COVER (EDMC605).
- 2. REMOVE TEMPORARY TOP OF PIT AT MALTHOID JOINT AND CONSTRUCT TO NEW FS LEVEL WITH CLASS 'B' COVER (EDMC605) & CHANNEL GRATING PIT (EDMC601).

LENGTHS ARE IN METRES		4			<u>S</u>		breese pitt dixon pty. Itd. Land surveyors civil engineers		1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310			
VERTICAL	SCALE 1:50 (A1)	MENTS				MELWAY REF	389-B-11	FI	I FRY FSTA	TF	MUNICIPALITY	
<u> </u>		AMEND				SURVEY	BPD			. –	WHITLE	.SEA
10 5 0	10 20	40	В	5/10/21	ESTATE NAME REVISED	DESIGN	DG		STAUL 0			E/
HORIZONTAL	SCALE 1:500 (A1)		А	28.07.20	ISSUED FOR CONSTRUCTION	DRAWN	, DG	DRAINAGE LON	GITUDINAL SECTI	ONS – SHEET 2	8625	708
			VER.	DATE	REMARKS	CHECKED	Bonam.	SCALE As Shown	DATUM AHD	DATE May'20	SHEET 9 OF 10	В

<u>LEGEND</u>

 EXISTING SURFACE
 FINISHED SURFACE
 HYDRAULIC GRADE LINE (5yr)
DENOTES CRUSHED ROCK BACKFILL



T:\Projects\BPD\8625 Mystique\CAD\Drawings\Stage 08\8625_E08_R10_LM.dwg (R10)

MENTS				MELWAY REF. 389-
AMEND				SURVEY
	В	5/10/21	ESTATE NAME REVISED	DESIGN
	А	28.07.20	ISSUED FOR CONSTRUCTION	DRAWN , DO
	VER.	DATE	REMARKS	CHECKED Some

NOTES

- a. ALL SIGNS TO BE SLEEVED USING A SL27 SLEEVE.
- SWLM INDICATES SOLID WHITE "LONGLIFE" LINE MARKING BWLM - INDICATES BROKEN WHITE "LONGLIFE" LINE MARKING
- c. $\square \in \square \in \square \in \square$ INDICATES UNIDIRECTIONAL & BIDIRECTIONAL RRPM'S PLACED AT 6m CTS, UNLESS OTHERWISE SHOWN
- d. 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
- e. KERB TRANSITION TO TAKE PLACE AT PRAM CROSSINGS AND AT KERB SHOWN THUS
- f. RAISED PAVEMENT AND BICYCLE PATH SHOWN SHADED TO BE COLOURED EMERALD GREEN G13 AND MEET REQUIREMENTS SET OUT IN VICROADS SPECIFICTIONS SECTION 431 - COLOURED SURFACE TREATMENTS.
- g. INDICATES BOLLARDS

SIGNAGE LEGEND

Α	GIVE WAY SIGN (R1-2A) - CLASS 1	GIVE) R1-2
В	KEEP LEFT (R2-3AL) - CLASS 1	KEEP LEFT	R2-3(L)
C	ROAD AHEAD SIGN (W6-8A) - CLASS 1	ROAD AHEAD	W6-8
D	ROAD CLOSED (G9-20) SIGN WITH OBSTRUCTION MARKER SIGN (D4-5) - CLASS 1		ROAD CLOSED G9-20 D4-5
Ε	PEDESTRIAN CROSSING SIGN (R3-1A) - CLASS 1	(R3-1
F	BICYCLE PEDESTRIAN WARNING SIGN (W6-9A) W CROSSING ARROW SIGN (W8-23A) BELOW. ALL C	'ITH 'LASS 1.	W6-9
G	BICYCLE PEDESTRIAN WARNING SIGN (W6-9A) W CROSSING ARROW SIGN (W8-23A) & ON SIDE RO (W8-3AL) BELOW. ALL CLASS 1.	'ITH AD SIGN	W6-9 W8-23 SIDE ROAD W8-3
Η	BICYCLE PEDESTRIAN WARNING SIGN (W6-9A) W CROSSING ARROW SIGN (W8-23A) & ON SIDE RO (W8-3AR) BELOW. ALL CLASS 1.	'ITH AD SIGN	W6-9 W8-23 SIDE ROAD W8-3
	3No STREET SIGNS - REFER NOTE 23 SHEET 2 (4No AT ROUNDABOUT)		
L	"BICYCLES" WARNING SIGN (W6-7A) - CLASS 1		W6-7A

		·	LENG	THS ARE IN				
		10 5	0 SCA	10 LE 1:5	²⁰ 00 (A1)	- 40		
ג נ	oreese p and surveyors	oitt dixon	pty. I vil engine	Itd. eers	1/19 cato stree hawthorn east, 312 telephone 8823 230 fax no. 8823 2310	≥† 23 0 0		
-B-11 >D	EL		WHITTLESE	A				
IG IG	SIGNA	STAGE Ö 5e & LINEMARKIN	G PLAN		REFERENCE 8625 E/C)8		
a.	scale As Shown	DATUM AHD	DATE May	'20	SHEET 10 OF 10	В		