

HAUTAPU STRUCTURE PLAN AREA 6 AND AREA 7 HAUTAPU LANDOWNERS GROUP

DRAWING REGISTER

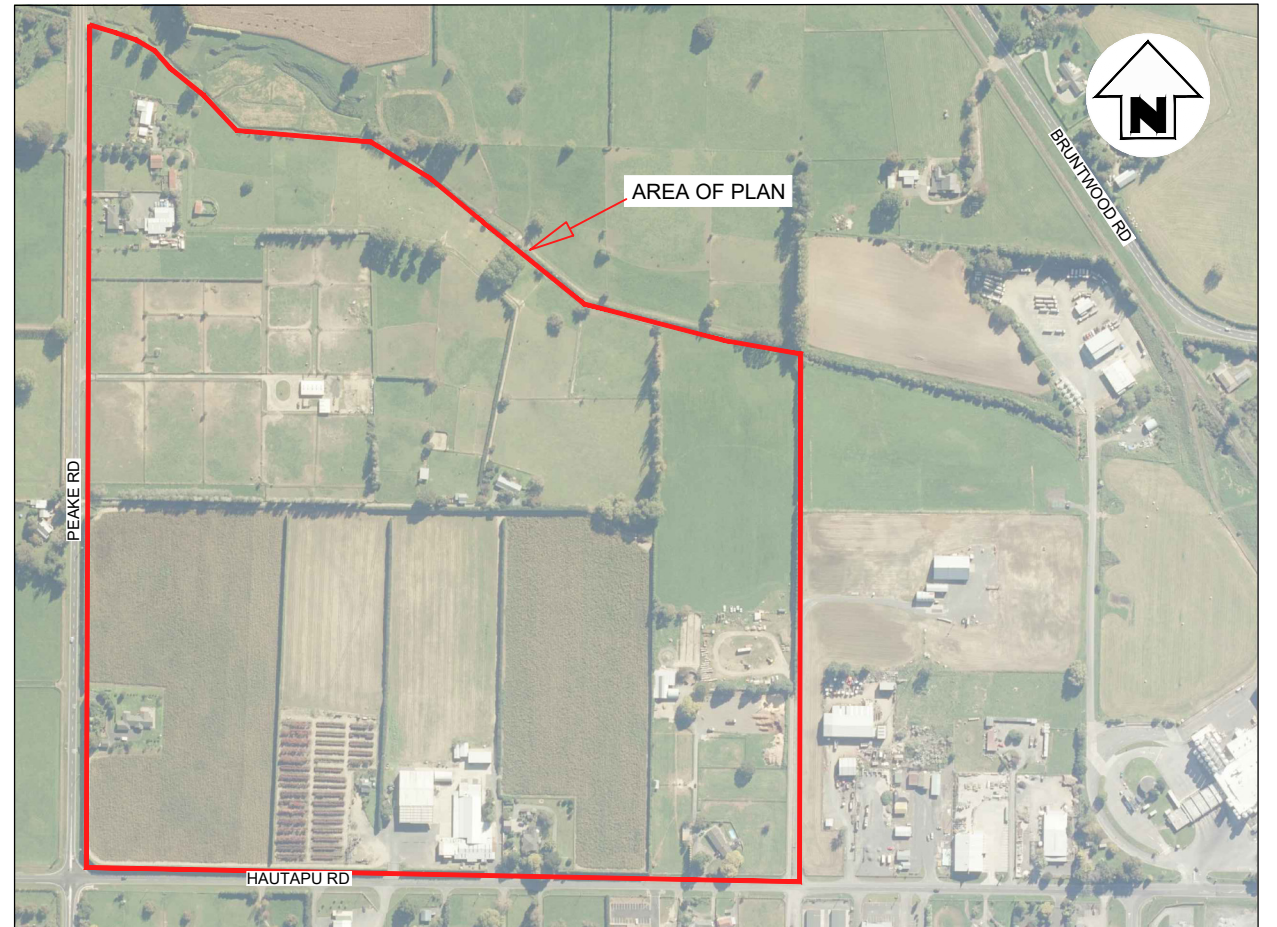
DRAWING	SHEET	TITLE	DATE OF ISSUE / REVISION			
			A			
221096.02	C00	COVER SHEET	25/05/23			
221096.02	C01	COMBINED THREE WATERS MASTER PLAN	25/05/23			
221096.02	C02	SEWER LONGSECTIONS - 1	25/05/23			
221096.02	C03	SEWER LONGSECTION - 2	25/05/23			

KEY

WD	WORKING DRAFT	C	TENDER
A	APPROVAL	0	CONSTRUCTION
B	CONSENTS	AS	AS BUILT

TRANSMITTAL

TO	ATTENTION	DATE OF ISSUE / REVISION			
		A			
OWNER / DEVELOPER	HAUTAPU LANDOWNERS GROUP	25/05/23			
ARCHITECT / DESIGNER					
QUANTITY SURVEYOR					
BUILDER / CONTRACTOR					
TERRITORIAL AUTHORITY					



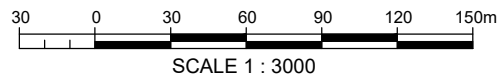
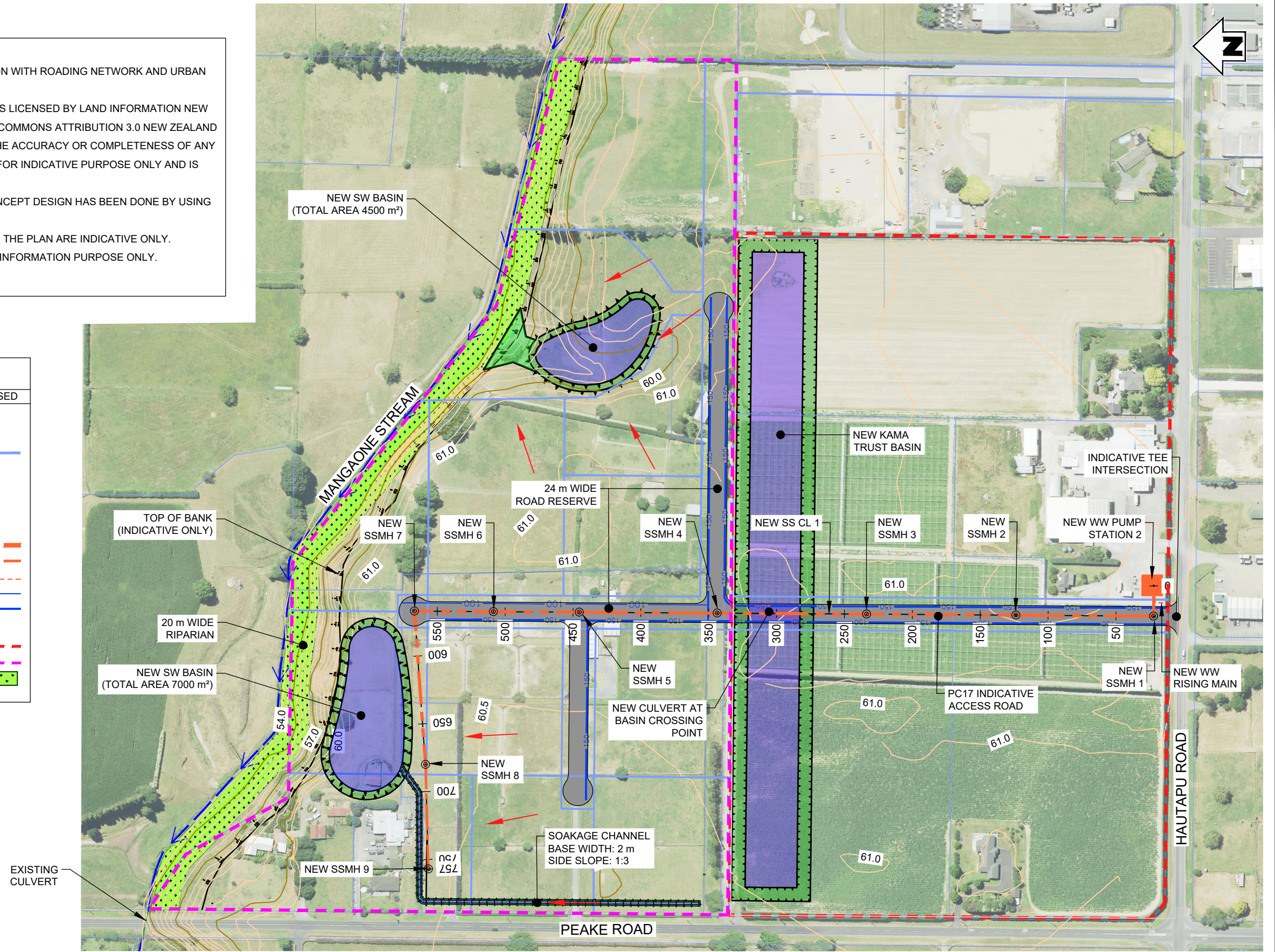
PROJECT LOCATION PLAN
SCALE N.T.S

GENERAL NOTES

1. STORMWATER DESIGN INDICATIVE ONLY. INTEGRATION WITH ROADING NETWORK AND URBAN DESIGN NOT YET CONSIDERED.
2. BOUNDARY INFORMATION IS BASED ON DATA WHICH IS LICENSED BY LAND INFORMATION NEW ZEALAND (LINZ) FOR RE-USED UNDER THE CREATIVE COMMONS ATTRIBUTION 3.0 NEW ZEALAND LICENCE. NO WARRANTY IS PROVIDED REGARDING THE ACCURACY OR COMPLETENESS OF ANY INFORMATION SHOWN. INFORMATION IS TO BE USED FOR INDICATIVE PURPOSE ONLY AND IS SUBJECT TO CONFIRMATION BY SURVEY.
3. ACTUAL SITE SURVEY HAS NOT BEEN DONE. THIS CONCEPT DESIGN HAS BEEN DONE BY USING LINZ IMAGES, BOUNDARIES AND LINZ LIDAR DATA.
4. EXISTING TOP OF BANK AND STREAM LINE SHOWN ON THE PLAN ARE INDICATIVE ONLY.
5. THIS MASTER PLANNING DESIGN DRAWINGS IS FOR INFORMATION PURPOSE ONLY.
6. NEW SEWER LONGSECTIONS REFER TO SHEET C02.

LEGEND

	EXISTING	PROPOSED
MAJOR CONTOURS		
MINOR CONTOURS		
BOUNDARIES		
TOP OF BANK		
STREAM		
EXISTING CULVERT		
FLOW DIRECTION		
DN150 WW GRAVITY MAIN		
DN225 WW GRAVITY MAIN		
WW RISING MAIN		
DN63 RIDER MAIN		
DN150 WATER MAIN		
MANHOLE		
KAMA TRUST BOUNDARY		
HLG TRUST BOUNDARY		
20m WIDE RIPARIAN BUFFER		



Disclaimer:
Areas and dimensions may be subject to scale error.
Scaling from this drawing is at the users risk.

PLAN
SCALE 1:3000



**SURVEYING
ENGINEERING
PLANNING
ENVIRONMENT**

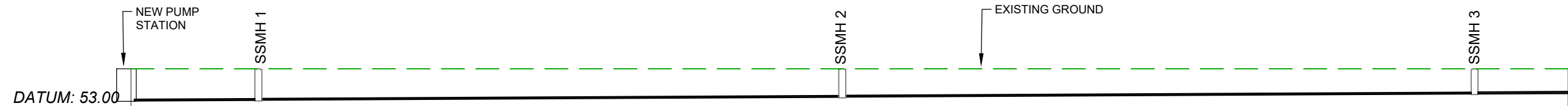
NO	DATE	BY	CHKD	APPR	OPER	DESCRIPTION	NUMBER	TITLE
A	05/23	KA	MD	MD		ISSUED FOR APPROVAL		
REVISIONS							REFERENCE DRAWINGS	

GENERAL NOTES
1. Coordinates in terms of : NA
2. Elevations in terms of : NA
3. Contour interval is : 0.5m

LOCATION	374 PEAKE RD, CAMBRIDGE
PROJECT No.	221096
A3 SCALE	AS SHOWN
SURVEYED	-
DRAWN	K.AUNG
CHECKED	M.DICKEY
	17/05/2023
	17/05/2023

TITLE
**HAUTAPU LANDOWNERS
HAUTAPU STRUCTURE PLAN
AREA 6 AND AREA 7**

ORIGINAL SIZE	A3	DRAWING No.	221096-02	SHEET	C01	REVISION	A
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LID LEVELS	61.00	61.00	61.00	61.00
COVER	5.300	5.189 5.164	4.656 4.630	4.080 4.047
INVERT LEVEL	55.456	55.567 55.592	56.100 56.126	56.676 56.701
MH DEPTHS	5.09	5.46	4.93	4.35
PIPE DETAILS	225NB UPVC PN 6 LENGTH: 22.168 GRADE 0.5%	225 NB PVC-U CLASS SN 16 RRJ LENGTH: 101.539 GRADE -0.5%	225 NB PVC-U CLASS SN 16 RRJ LENGTH: 109.989 GRADE -0.5%	
CHAINAGE	0.0	22.2	123.7	233.7 250.0

SEWER CL 1 LONGSECTION (CH00 - CH250)
SCALE 1:800



LID LEVELS	61.00	61.00	60.82
COVER	4.047	3.497 3.481	2.798
INVERT LEVEL	56.701	57.251 57.276	57.784
MH DEPTHS		3.80	3.07
PIPE DETAILS	225 NB PVC-U CLASS SN 16 RRJ LENGTH: 110.066 GRADE -0.5%	225 NB PVC-U CLASS SN 16 RRJ LENGTH: 101.677 GRADE -0.5%	225 NB PVC-U CLASS SN 16 RRJ LENGTH: 63.202 GRADE -0.5%
CHAINAGE	250.0	343.8	445.5 500.0

SEWER CL 1 LONGSECTION (CH250 - CH500)
SCALE 1:800



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NO	DATE	BY	CHKD	APPR	OPER	DESCRIPTION	NUMBER	TITLE
A	05/23	KA	MD	MD		ISSUED FOR APPROVAL		
REVISIONS								
REFERENCE DRAWINGS								

GENERAL NOTES
1. Coordinates in terms of : NA
2. Elevations in terms of : NA
3. Contour interval is : NA

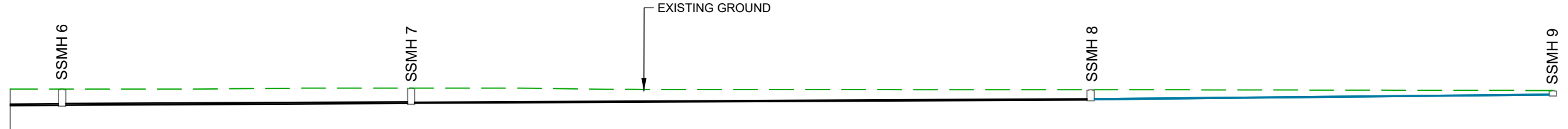
LOCATION 374 PEAKE RD, CAMBRIDGE	
PROJECT No 221096	
A3 SCALE	AS SHOWN
SURVEYED	-
DRAWN	K.AUNG
CHECKED	M.DICKEY

TITLE
**HAUTAPU LANDOWNERS
HAUTAPU STRUCTURE PLAN
SEWER LONGSECTIONS - 1**

ORIGINAL SIZE A3	DRAWING No 221096-02	SHEET C02	REVISION A
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File Name: C:\125\data\BTW120221096 - Dean Hawthorne_5448\07 Drawings\221096-02 Three Waters Master Plan.dwg - C03 Plot Date: 25/05/2023 Plot Time: 18:23

DATUM: 53.00



LID LEVELS	60.82	60.82	61.00	60.70	60.58	
COVER		2.427	2.315 2.379	1.515 1.490	0.600	
INVERT LEVEL		58.150	58.441 58.466	59.032 59.057	59.827	
MH DEPTHS		2.73	2.59	1.70	0.75	
PIPE DETAILS	225 NB PVC-U CLASS SN 16 RRJ LENGTH: 63.202 GRADE -0.5%		225 NB PVC-U CLASS SN 16 RRJ LENGTH: 58.151 GRADE -0.5%		150 NB PVC-U CLASS SN 16 RRJ LENGTH: 113.227 GRADE -0.5%	150NB PVC-U CLASS SN 16 RRJ LENGTH: 77.044 GRADE -1.0%
CHAINAGE	500.0	508.7	566.8	680.0	757.1 763.0	

SEWER CL 1 LONGSECTION (CH500 - CH763)
SCALE 1:800



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NO	DATE	BY	CHKD	APPR	OPER	DESCRIPTION	NUMBER	TITLE
A	05/23	KA	MD	MD		ISSUED FOR APPROVAL		
						REVISIONS		
						REFERENCE DRAWINGS		

GENERAL NOTES
1. Coordinates in terms of : NA
2. Elevations in terms of : NA
3. Contour interval is : NA

LOCATION	374 PEAKE RD, CAMBRIDGE
PROJECT No	221096
A3 SCALE	AS SHOWN
SURVEYED	-
DRAWN	K.AUNG
CHECKED	M.DICKEY

TITLE		HAUTAPU LANDOWNERS HAUTAPU STRUCTURE PLAN SEWER LONGSECTION - 2	
ORIGINAL SIZE	DRAWING No	SHEET	REVISION
A3	221096-02	C03	A