



ACT
Government

Suburban Land
Agency

artsACT

NH



Kingston Arts Precinct

1D: PRECINCT CONCEPT DESIGN REPORT

VOLUME 2 - APPENDICES

SECTION 14.0 - SURVEY INFORMATION

JANUARY 2024

NH Architecture

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Communication Link



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land
surveyors



Morris Goding
Access Consulting

We acknowledge that the Kingston Arts Precinct is on the land of the Ngunnawal People who have a profound and ongoing connection to Country & recognise any other people or families with connection to the lands of the ACT and ACT region. The Kingston Arts Precinct provides the Canberra community with valuable opportunity to learn, share and celebrate history and culture in the spirit of reconciliation.

We would also like to recognise that our project team members live and work on Traditional Aboriginal Lands across the South-East of this continent. We pay our respects to the Traditional Custodians of Wurundjeri Country (our studio), Boonwurrung Country, Ngunnawal Country, Dharawal Country, Gadigal Country and Cammeraygal Country, and their Elders past, present and emerging.

Document Information

Title:	1D Precinct Concept Design Report Volume 2 - Appendices
Prepared by:	LA MP TK GK MT
Checked by:	LA MP
Authorised by:	FD

Revision

Rev.01	21.12.23
Rev.02	23.01.24

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Level 7 Cannons House
12-20 Flinders Lane
Melbourne, VIC 3000
+61 3 9654 4955

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14.0 Survey Information

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KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P1
SERVICE:	STORMWATER
STRUCTURE:	SUMP (QS)
EASTING:	211931.038
NORTHING:	600524.078
COVER LEVEL:	RL559.65
LAT/LONG:	35.311367751446326, 149.14165198802948

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/09/2023 12:02
DEVICE:	LS Tablet 1

PIPE DETAILS

PIPE COUNT:	1
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	0.74	0.3	220	RL558.91

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KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P2
SERVICE:	STORMWATER
STRUCTURE:	SUMP (R)
EASTING:	211918.363
NORTHING:	600512.796
COVER LEVEL:	RL559.8
LAT/LONG:	35.31150235909303, 149.14159130305052

OBSERVER DETAILS

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DEVICE:	LS Tablet 1

PIPE DETAILS

PIPE COUNT:	3
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
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2	INLET	1.15	0.3	40	RL558.65
3	INLET	1.31	0.45	130	RL558.49

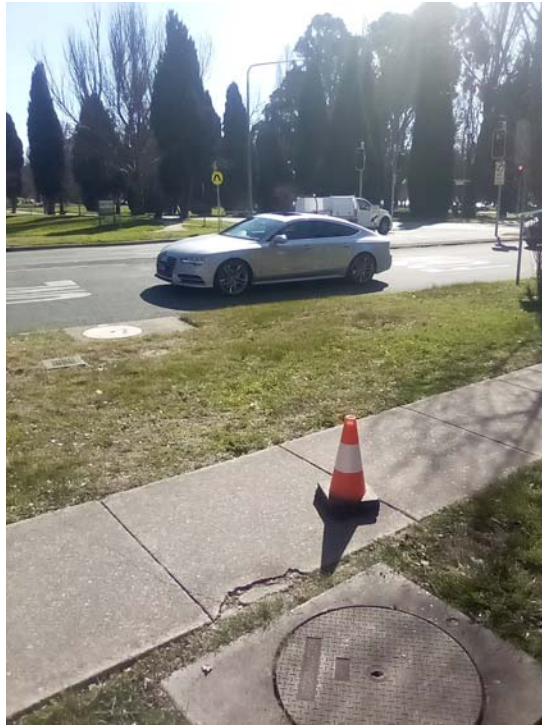
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Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P3
SERVICE:	STORMWATER
STRUCTURE:	SWMH
EASTING:	211922.314
NORTHING:	600507.782
COVER LEVEL:	RL559.887
LAT/LONG:	35.31148183964917, 149.14162784814835

OBSERVER DETAILS

NAME:	Callum Green
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DEVICE:	LS Tablet 1

PIPE DETAILS

PIPE COUNT:	4
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	1.41	0.45	310	RL558.477
2	INLET	1.09	0.3	30	RL558.797
3	INLET	1.32	0.45	120	RL558.567
4	INLET	1.13	0.3	200	RL558.757

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KINGSTON ARTS PRECINCT

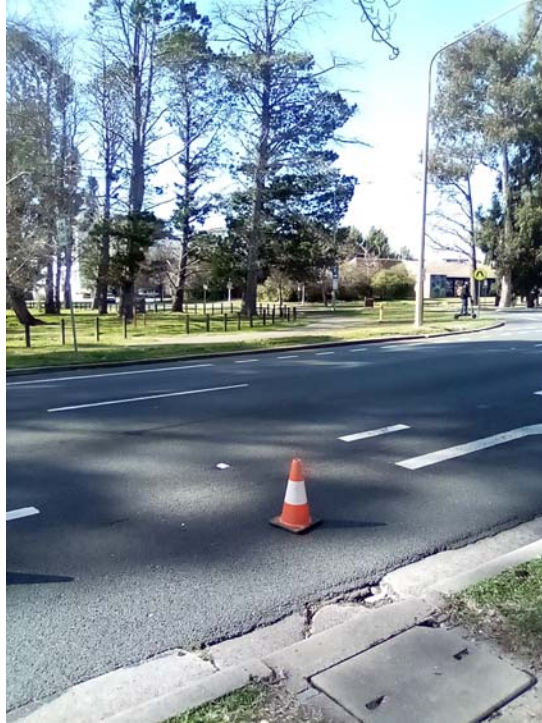
Stormwater & Sewer Hydraulics Investigation

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	SERVICE:	STORMWATER			
	STRUCTURE:	SUMP (QS)			
	EASTING:	211907.945			
	NORTHING:	600523.06			
	COVER LEVEL:	RL559.934			
	LAT/LONG:	-			
	OBSERVER DETAILS				
	NAME:	Callum Green			
OBSERV' DATE:	8/09/2023 12:50				
DEVICE:	LS Tablet 1				
PIPE DETAILS					
PIPE COUNT:	2				
DIR'N METHOD:	Magnetic				
PIPE INFORMATION					
PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	1.55	0.6	310	RL558.384
2	INLET	1.53	0.6	130	RL558.404
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KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P5
SERVICE:	STORMWATER
STRUCTURE:	SUMP (QS)
EASTING:	211915.255
NORTHING:	600590.959
COVER LEVEL:	RL559.201
LAT/LONG:	35.31078143951061, 149.14153061807156

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/09/2023 13:27
DEVICE:	LS Tablet 1

PIPE DETAILS

PIPE COUNT:	1
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	0.57	0.15	210	RL558.631

PIT IMAGES

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KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P6
SERVICE:	SEWER
STRUCTURE:	SMH (Silted)
EASTING:	212080.485
NORTHING:	600212.228
COVER LEVEL:	RL563.863
LAT/LONG:	35.31101508929345, 149.14192892611027

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/09/2023 13:42
DEVICE:	LS Tablet 1

PIPE DETAILS

PIPE COUNT:	1
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	0	0	0	RL563.863

PIT IMAGES

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KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P7
SERVICE:	STORMWATER
STRUCTURE:	SUMP (QS)
EASTING:	211952.396
NORTHING:	600547.051
COVER LEVEL:	RL559.892
LAT/LONG:	35.31119237813968, 149.14192724972963

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/09/2023 13:57
DEVICE:	LS Tablet 1

PIPE DETAILS

PIPE COUNT:	1
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	1.06	0.3	300	RL558.832

PIT IMAGES

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KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P8
SERVICE:	STORMWATER
STRUCTURE:	SUMP (QS)
EASTING:	211950.122
NORTHING:	600548.676
COVER LEVEL:	RL559.586
LAT/LONG:	35.311116592677344,149.1418380662799

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/09/2023 14:12
DEVICE:	LS Tablet 1

PIPE DETAILS

PIPE COUNT:	2
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	0.87	0.3	300	RL558.716
2	INLET	0.85	0.3	120	RL558.736

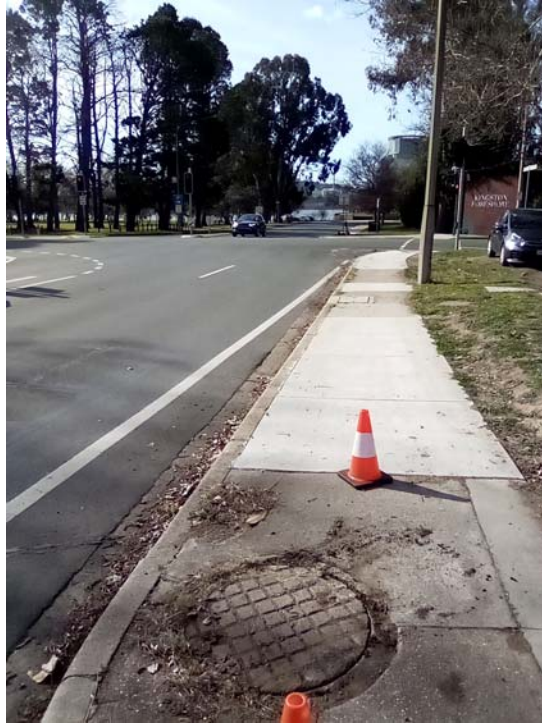
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KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P9
SERVICE:	STORMWATER
STRUCTURE:	SWMH
EASTING:	211944.721
NORTHING:	600540.885
COVER LEVEL:	RL559.709
LAT/LONG:	35.311234785136364,149.14178475737572

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/09/2023 14:25
DEVICE:	LS Tablet 1

PIPE DETAILS

PIPE COUNT:	2
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
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2	INLET	0.99	0.3	110	RL558.719

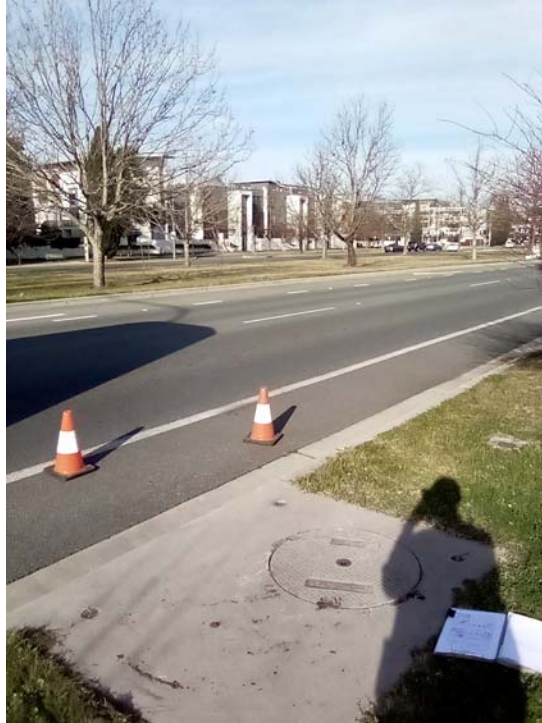
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KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P10
SERVICE:	STORMWATER
STRUCTURE:	SUMP (R)
EASTING:	212131.011
NORTHING:	600207.638
COVER LEVEL:	RL562.849
LAT/LONG:	35.31426477590014, 149.14390437304974

OBSERVER DETAILS

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PIPE DETAILS

PIPE COUNT:	2
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
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KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P11
SERVICE:	SEWER
STRUCTURE:	SMH
EASTING:	212106.843
NORTHING:	600224.698
COVER LEVEL:	RL563.466
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PIPE DETAILS

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DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	2.39	0.15	80	RL561.076
2	INLET	2.36	0.15	230	RL561.106

PIT IMAGES

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KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation

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	SERVICE:	STORMWATER			
	STRUCTURE:	SUMP (QS)			
	EASTING:	212120.281			
	NORTHING:	600258.094			
	COVER LEVEL:	RL563.151			
	LAT/LONG:	-			
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PIPE DETAILS					
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DIR'N METHOD:	Magnetic				
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KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P13
SERVICE:	STORMWATER
STRUCTURE:	SWMH
EASTING:	212106.327
NORTHING:	600253.789
COVER LEVEL:	RL563.248
LAT/LONG:	35.31381308876525, 149.14365895092487

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/09/2023 16:33
DEVICE:	LS Tablet 1

PIPE DETAILS

PIPE COUNT:	2
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
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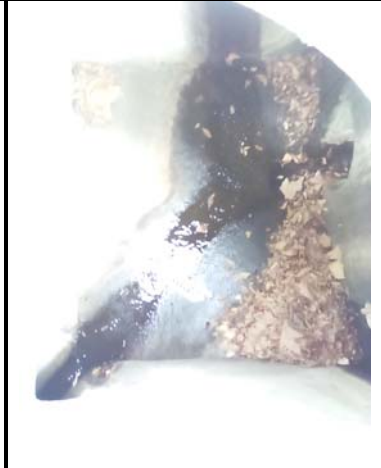
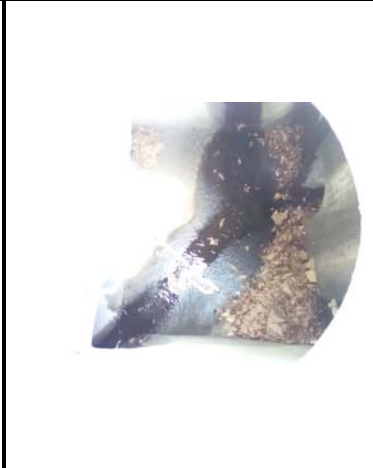
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KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation

	PIT DETAILS					
	PIT ID:		P14			
	SERVICE:		STORMWATER			
	STRUCTURE:		SUMP (R)			
	EASTING:		212245.426			
	NORTHING:		600292.197			
	COVER LEVEL:		RL559.935			
	LAT/LONG:		35.31345469196938,149.14520122110844			
	OBSERVER DETAILS					
	NAME:		Callum Green			
OBSERV' DATE:		8/10/2023 12:02				
DEVICE:		LS Tablet 1				
PIPE DETAILS						
PIPE COUNT:		3				
DIR'N METHOD:		Magnetic				
PIPE INFORMATION						
PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT	
1	OUTLET	1.69	0.45	90	RL558.245	
2	INLET	1.64	0.45	230	RL558.295	
3	INLET	1.66	0.3	320	RL558.275	
PIT IMAGES						
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INTERNAL B:		\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-10 12.03.01.jpg				
INTERNAL C:		\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-10 12.03.14.jpg				
						

KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P15
SERVICE:	STORMWATER
STRUCTURE:	SUMP (R)
EASTING:	212257.554
NORTHING:	600288.06
COVER LEVEL:	RL559.997
LAT/LONG:	35.31349901288059, 149.14525922387838

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/10/2023 12:20
DEVICE:	LS Tablet 1

PIPE DETAILS

PIPE COUNT:	2
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	1.93	0.525	80	RL558.067
2	INLET	1.9	0.45	270	RL558.097

PIT IMAGES

SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-10 12.23.33.jpg
INTERNAL A:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-10 12.22.22.jpg
INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-10 12.22.30.jpg
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-10 12.22.50.jpg



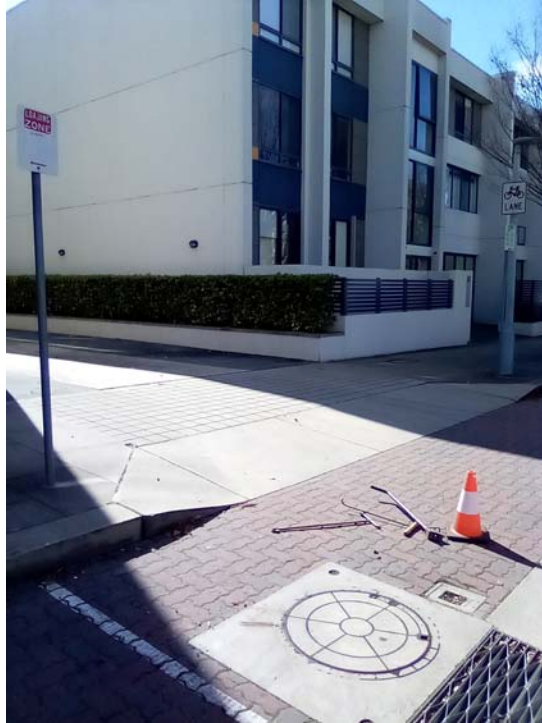
KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation

	PIT DETAILS				
	PIT ID:	P16			
	SERVICE:	STORMWATER			
	STRUCTURE:	SUMP (QS)			
	EASTING:	212206.89			
	NORTHING:	600295.545			
	COVER LEVEL:	RL560.475			
	LAT/LONG:	35.31346399389104, 149.14464298635718			
	OBSERVER DETAILS				
	NAME:	Callum Green			
OBSERV' DATE:	8/10/2023 12:42				
DEVICE:	LS Tablet 1				
<th colspan="2">PIPE DETAILS</th>		PIPE DETAILS			
PIPE COUNT:	2				
DIR'N METHOD:	Magnetic				
PIPE INFORMATION					
PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	1.39	0.3	140	RL559.085
2	INLET	1.26	0.3	320	RL559.215
PIT IMAGES					
SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-10 12.44.34.jpg				
INTERNAL A:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-10 12.44.00.jpg				
INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-10 12.43.40.jpg				
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-10 12.43.46.jpg				
					

KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P17
SERVICE:	STORMWATER
STRUCTURE:	SUMP (QS)
EASTING:	212182.535
NORTHING:	600284.012
COVER LEVEL:	RL561.126
LAT/LONG:	35.31353950356834, 149.14446026086804

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/10/2023 12:57
DEVICE:	LS Tablet 1

PIPE DETAILS

PIPE COUNT:	2
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	1.9	0.45	140	RL559.226
2	INLET	1.84	0.45	240	RL559.286

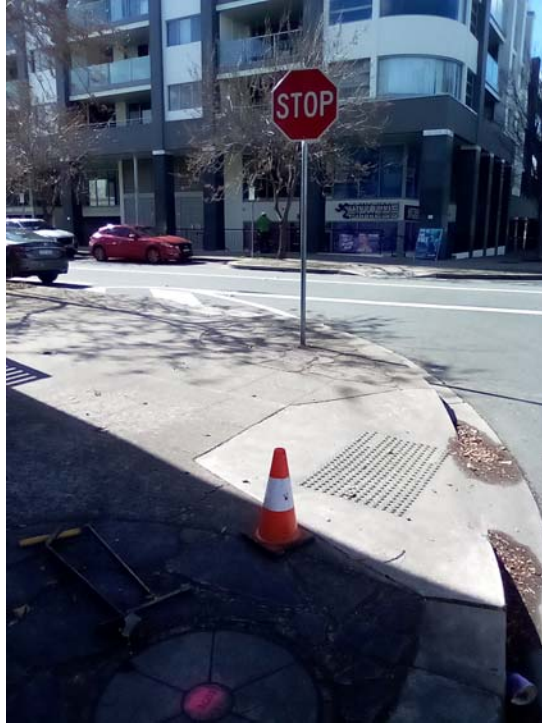
PIT IMAGES

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INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-10 12.58.43.jpg
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-10 12.58.55.jpg



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P18
SERVICE:	STORMWATER
STRUCTURE:	SUMP (R)
EASTING:	212237.327
NORTHING:	600310.049
COVER LEVEL:	RL559.936
LAT/LONG:	35.3132954647918, 149.1451009735465

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/10/2023 13:18
DEVICE:	LS Tablet 1

PIPE DETAILS

PIPE COUNT:	1
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	1.5	0.3	140	RL558.436

PIT IMAGES

SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-10 13.20.48.jpg
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INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-10 13.20.06.jpg
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-10 13.20.21.jpg



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P19
SERVICE:	STORMWATER
STRUCTURE:	SUMP (QS)
EASTING:	212282.323
NORTHING:	600309.786
COVER LEVEL:	RL559.288
LAT/LONG:	35.31333814427222, 149.1455240920186

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/10/2023 13:38
DEVICE:	LS Tablet 1

PIPE DETAILS

PIPE COUNT:	2
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	1.58	0.3	50	RL557.708
2	INLET	1.56	0.3	320	RL557.728

PIT IMAGES

SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-10 13.41.47.jpg
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INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-10 13.41.05.jpg
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KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P20
SERVICE:	STORMWATER
STRUCTURE:	SUMP (R)
EASTING:	212248.709
NORTHING:	600325.384
COVER LEVEL:	RL560.021
LAT/LONG:	35.31317563382256, 149.14515864104033

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/10/2023 13:56
DEVICE:	LS Tablet 1

PIPE DETAILS

PIPE COUNT:	3
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	1.73	0.525	140	RL558.291
2	INLET	1.67	0.45	270	RL558.351
3	INLET	1.69	0.45	320	RL558.331

PIT IMAGES

SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-10 14.00.04.jpg
INTERNAL A:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-10 13.57.54.jpg
INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-10 13.58.37.jpg
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-10 13.58.58.jpg



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P21
SERVICE:	STORMWATER
STRUCTURE:	SUMP (QS)
EASTING:	212215.322
NORTHING:	600278.108
COVER LEVEL:	RL560.48
LAT/LONG:	35.313612824491884, 149.14477609097958

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/10/2023 14:26
DEVICE:	LS Tablet 1

PIPE DETAILS

PIPE COUNT:	4
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	1.75	0.45	50	RL558.73
2	INLET	1.62	0.3	140	RL558.86
3	INLET	1.73	0.45	230	RL558.75
4	INLET	1.64	0.3	320	RL558.84

PIT IMAGES

SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-10 14.30.06.jpg
INTERNAL A:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-10 14.28.08.jpg
INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-10 14.28.45.jpg
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-10 14.28.53.jpg



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P22
SERVICE:	STORMWATER
STRUCTURE:	SUMP (QS)
EASTING:	212190.416
NORTHING:	600266.322
COVER LEVEL:	RL561.16
LAT/LONG:	35.31373347556841, 149.14457593113184

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/10/2023 14:46
DEVICE:	LS Tablet 1

PIPE DETAILS

PIPE COUNT:	2
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	2.1	0.45	50	RL559.06
2	INLET	2.04	0.45	320	RL559.12

PIT IMAGES

SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-10 14.49.03.jpg
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INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-10 14.48.13.jpg
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-10 14.48.26.jpg



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation

	PIT DETAILS					
	PIT ID:		P23			
	SERVICE:		SEWER			
	STRUCTURE:		SMH			
	EASTING:		212080.485			
	NORTHING:		600212.228			
	COVER LEVEL:		RL563.863			
	LAT/LONG:		35.314135097356385,149.14332032203674			
	OBSERVER DETAILS					
	NAME:		Callum Green			
OBSERV' DATE:		8/10/2023 15:54				
DEVICE:		LS Tablet 1				
PIPE DETAILS						
PIPE COUNT:		3				
DIR'N METHOD:		Magnetic				
PIPE INFORMATION						
PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT	
1	OUTLET	2.24	0.15	40	RL561.623	
2	INLET	2.21	0.15	140	RL561.653	
3	INLET	2.23	0.15	240	RL561.633	
PIT IMAGES						
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INTERNAL B:		\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-10 15.56.12.jpg				
INTERNAL C:		\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-10 15.56.21.jpg				
						

KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P24
SERVICE:	STORMWATER
STRUCTURE:	SUMP (R)
EASTING:	212165.795
NORTHING:	600276.311
COVER LEVEL:	RL561.579
LAT/LONG:	35.31365030568458, 149.1441873461008

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/10/2023 16:23
DEVICE:	LS Tablet 1

PIPE DETAILS

PIPE COUNT:	2
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	2.16	0.45	50	RL559.419
2	INLET	2.15	0.45	270	RL559.429

PIT IMAGES

SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-10 16.25.13.jpg
INTERNAL A:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-10 16.23.57.jpg
INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-10 16.24.06.jpg
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-10 16.24.16.jpg



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P25
SERVICE:	STORMWATER
STRUCTURE:	SUMP (R)
EASTING:	212152.196
NORTHING:	600279.427
COVER LEVEL:	RL561.746
LAT/LONG:	35.3136076263689,149.144116 60283804

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/10/2023 16:38
DEVICE:	LS Tablet 1

PIPE DETAILS

PIPE COUNT:	1
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	2.21	0.45	90	RL559.536

PIT IMAGES

SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-10 16.39.53.jpg
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INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-10 16.39.14.jpg
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-10 16.39.24.jpg



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P26
SERVICE:	STORMWATER
STRUCTURE:	SWMH
EASTING:	212016.324
NORTHING:	600659.408
COVER LEVEL:	RL558.164
LAT/LONG:	35.31017624513185, 149.1426856443286

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/11/2023 12:02
DEVICE:	LS Tablet 1

PIPE DETAILS

PIPE COUNT:	4
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	1.68	0.45	330	RL556.484
2	INLET	1.67	0.45	100	RL556.494
3	INLET	1.66	0.15	160	RL556.504
4	INLET	1.67	0.45	220	RL556.494

PIT IMAGES

SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-11 12.07.45.jpg
INTERNAL A:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-11 12.06.06.jpg
INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-11 12.06.15.jpg
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-11 12.06.26.jpg



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P27
SERVICE:	STORMWATER
STRUCTURE:	SWMH
EASTING:	212011.066
NORTHING:	600635.205
COVER LEVEL:	RL558.188
LAT/LONG:	35.31040880227779, 149.14255924522877

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/11/2023 12:28
DEVICE:	LS Tablet 1

PIPE DETAILS

PIPE COUNT:	2
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	1.38	0.3	240	RL556.808
2	INLET	1.35	0.225	110	RL556.838

PIT IMAGES

SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-11 12.30.32.jpg
INTERNAL A:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-11 12.29.18.jpg
INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-11 12.29.31.jpg
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-11 12.29.45.jpg



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation

	PIT DETAILS					
	PIT ID:		P28			
	SERVICE:		STORMWATER			
	STRUCTURE:		SUMP (RR)			
	EASTING:		212005.563			
	NORTHING:		600633.399			
	COVER LEVEL:		RL558.014			
	LAT/LONG:		35.31047118219852, 149.14240937680006			
	OBSERVER DETAILS					
	NAME:		Callum Green			
OBSERV' DATE:		8/11/2023 12:43				
DEVICE:		LS Tablet 1				
PIPE DETAILS						
PIPE COUNT:		2				
DIR'N METHOD:		Magnetic				
PIPE INFORMATION						
PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT	
1	OUTLET	1.28	0.375	310	RL556.734	
2	INLET	1.26	0.3	60	RL556.754	
PIT IMAGES						
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INTERNAL A:		\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-11 12.44.26.jpg				
INTERNAL B:		\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-11 12.44.41.jpg				
INTERNAL C:		\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-11 12.44.50.jpg				
						



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation

	PIT DETAILS					
	PIT ID:		P29			
	SERVICE:		STORMWATER			
	STRUCTURE:		SUMP (RR)			
	EASTING:		211996.948			
	NORTHING:		600644.915			
	COVER LEVEL:		RL558.028			
	LAT/LONG:		35.31027337202117, 149.14248280227184			
	OBSERVER DETAILS					
	NAME:		Callum Green			
OBSERV' DATE:		8/11/2023 13:01				
DEVICE:		LS Tablet 1				
PIPE DETAILS						
PIPE COUNT:		2				
DIR'N METHOD:		Magnetic				
PIPE INFORMATION						
PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT	
1	OUTLET	1.41	0.45	40	RL556.618	
2	INLET	1.36	0.375	130	RL556.668	
PIT IMAGES						
SURFACE:		\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-11 13.04.02.jpg				
INTERNAL A:		\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-11 13.02.23.jpg				
INTERNAL B:		\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-11 13.03.01.jpg				
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KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P30
SERVICE:	STORMWATER
STRUCTURE:	SUMP (QS)
EASTING:	212030.22
NORTHING:	600654.789
COVER LEVEL:	RL558.37
LAT/LONG:	35.31026406973259, 149.14284992963076

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/11/2023 13:43
DEVICE:	LS Tablet 1

PIPE DETAILS

PIPE COUNT:	3
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	1.78	0.45	280	RL556.59
2	INLET	1.74	0.3	10	RL556.63
3	INLET	1.76	0.3	90	RL556.61

PIT IMAGES

SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-11 13.45.09.jpg
INTERNAL A:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-11 13.44.00.jpg
INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-11 13.44.10.jpg
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-11 13.44.19.jpg



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation

	PIT DETAILS					
	PIT ID:		P31			
	SERVICE:		STORMWATER			
	STRUCTURE:		SUMP (QS)			
	EASTING:		212068.825			
	NORTHING:		600636.068			
	COVER LEVEL:		RL558.489			
	LAT/LONG:		35.310404698333954,149.14328578859568			
	OBSERVER DETAILS					
	NAME:		Callum Green			
OBSERV' DATE:		8/11/2023 14:27				
DEVICE:		LS Tablet 1				
PIPE DETAILS						
PIPE COUNT:		3				
DIR'N METHOD:		Magnetic				
PIPE INFORMATION						
PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT	
1	OUTLET	1.62	0.3	270	RL556.869	
2	INLET	1.57	0.3	90	RL556.919	
3	INLET	1.55	0.3	170	RL556.939	
PIT IMAGES						
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INTERNAL A:		\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-11 14.28.05.jpg				
INTERNAL B:		\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-11 14.28.13.jpg				
INTERNAL C:		\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-11 14.28.27.jpg				
						

KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P32
SERVICE:	STORMWATER
STRUCTURE:	SUMP (QS)
EASTING:	212091.058
NORTHING:	600626.842
COVER LEVEL:	RL558.405
LAT/LONG:	35.31049088111085, 149.1435131058097

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/11/2023 14:42
DEVICE:	LS Tablet 1

PIPE DETAILS

PIPE COUNT:	1
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	1.35	0.3	270	RL557.055

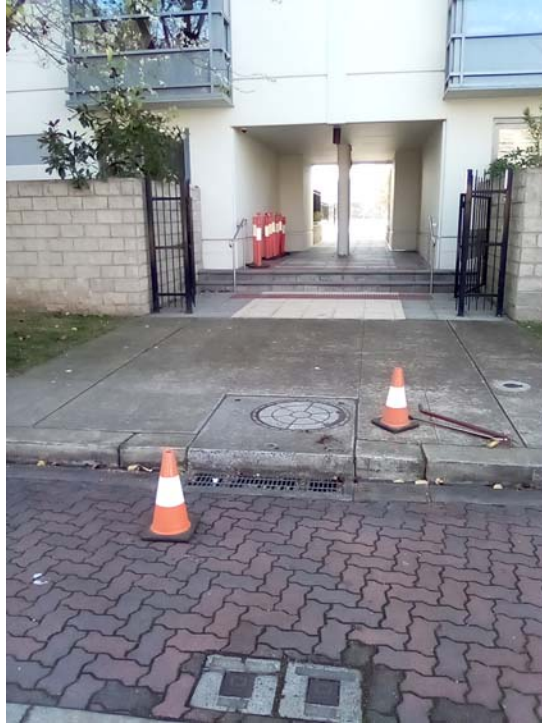
PIT IMAGES

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KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P33
SERVICE:	STORMWATER
STRUCTURE:	SUMP (QS) (Silted)
EASTING:	212113.201
NORTHING:	600618.723
COVER LEVEL:	RL558.357
LAT/LONG:	35.31056639356371, 149.14373472332954

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/11/2023 14:58
DEVICE:	LS Tablet 1

PIPE DETAILS

PIPE COUNT:	1
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	0	0	0	RL558.357

PIT IMAGES

SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-11 15.00.04.jpg
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INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-11 14.59.21.jpg
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-11 14.59.30.jpg



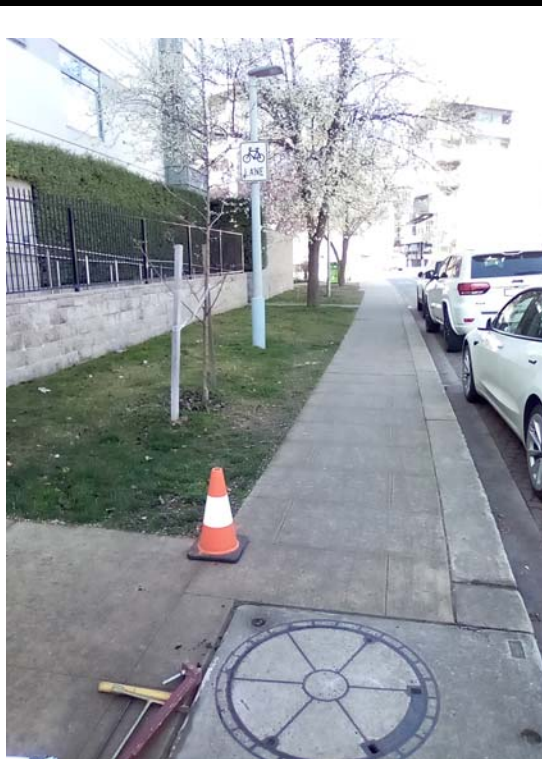
KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation

	PIT DETAILS					
	PIT ID:		P34			
	SERVICE:		STORMWATER			
	STRUCTURE:		SUMP (QS)			
	EASTING:		212153.345			
	NORTHING:		600606.479			
	COVER LEVEL:		RL558.26			
	LAT/LONG:		35.310664887961494,149.1442108154297			
	OBSERVER DETAILS					
	NAME:		Callum Green			
OBSERV' DATE:		8/11/2023 15:16				
DEVICE:		LS Tablet 1				
PIPE DETAILS						
PIPE COUNT:		1				
DIR'N METHOD:		Magnetic				
PIPE INFORMATION						
PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT	
1	OUTLET	1.18	0.3	80	RL557.08	
PIT IMAGES						
SURFACE:		\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-11 15.18.16.jpg				
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INTERNAL B:		\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-11 15.17.37.jpg				
INTERNAL C:		\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-11 15.17.59.jpg				
						

KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P35
SERVICE:	STORMWATER
STRUCTURE:	SUMP (QS)
EASTING:	212190.634
NORTHING:	600597.908
COVER LEVEL:	RL558.177
LAT/LONG:	35.31076392942945, 149.14465203881267

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/11/2023 15:32
DEVICE:	LS Tablet 1

PIPE DETAILS

PIPE COUNT:	3
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	1.3	0.3	80	RL556.877
2	INLET	1.29	0.3	260	RL556.887
3	INLET	1.28	0.3	0	RL556.897

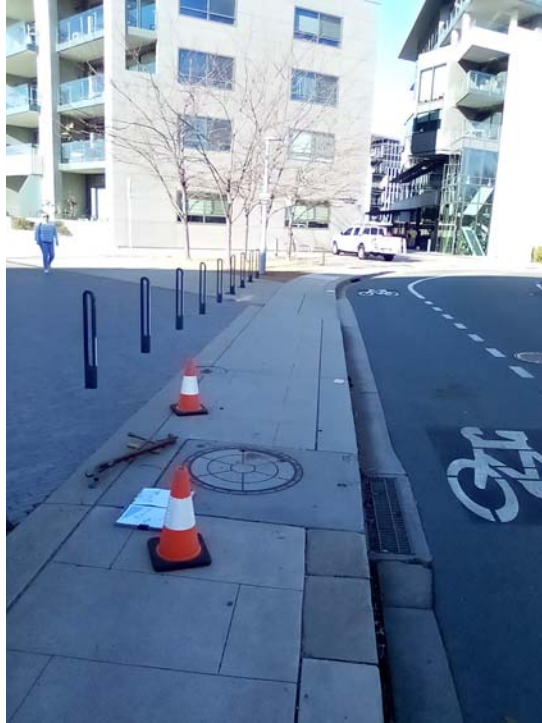
PIT IMAGES

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KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P36
SERVICE:	STORMWATER
STRUCTURE:	SUMP (QS)
EASTING:	212228.031
NORTHING:	600591.773
COVER LEVEL:	RL558.079
LAT/LONG:	35.31079977037277, 149.14495680481195

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/11/2023 15:54
DEVICE:	LS Tablet 1

PIPE DETAILS

PIPE COUNT:	2
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	1.39	0.3	80	RL556.689
2	INLET	1.31	0.3	260	RL556.769

PIT IMAGES

SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-11 15.55.38.jpg
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INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-11 15.54.56.jpg
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-11 15.55.02.jpg



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P37
SERVICE:	STORMWATER
STRUCTURE:	SUMP (QS)
EASTING:	212266.274
NORTHING:	600287.759
COVER LEVEL:	RL559.913
LAT/LONG:	35.313459342930344,149.1453 641653061

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/15/2023 11:28:08
DEVICE:	LS Tablet 1

PIPE DETAILS

PIPE COUNT:	3
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	1.86	0.75	140	RL558.053
2	INLET	1.84	0.6	260	RL558.073
3	INLET	1.85	0.6	320	RL558.063

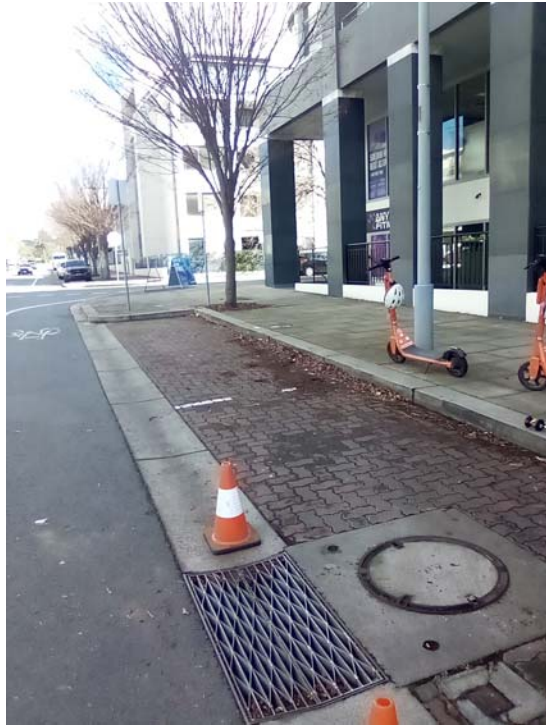
PIT IMAGES

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KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation

	PIT DETAILS				
	PIT ID:	P38			
	SERVICE:	STORMWATER			
	STRUCTURE:	SUMP (QS)			
	EASTING:	212274.045			
	NORTHING:	600327.379			
	COVER LEVEL:	RL559.311			
	LAT/LONG:	-			
	OBSERVER DETAILS				
	NAME:	Callum Green			
OBSERV' DATE:	8/15/2023 11:48:42				
DEVICE:	LS Tablet 1				
PIPE DETAILS					
PIPE COUNT:	1				
DIR'N METHOD:	Magnetic				
PIPE INFORMATION					
PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	1.36	0.3	150	RL557.951
PIT IMAGES					
SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-15 11.50.32.jpg				
INTERNAL A:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-15 11.49.45.jpg				
INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-15 11.49.54.jpg				
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-15 11.50.09.jpg				
					



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P39
SERVICE:	STORMWATER
STRUCTURE:	SUMP (QS)
EASTING:	212300.223
NORTHING:	600339.788
COVER LEVEL:	RL558.583
LAT/LONG:	35.313061821596065, 149.14570782333612

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/15/2023 11:59:56
DEVICE:	LS Tablet 1

PIPE DETAILS

PIPE COUNT:	1
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	1.19	0.3	150	RL557.393

PIT IMAGES

SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-15 12.02.32.jpg
INTERNAL A:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-15 12.01.05.jpg
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INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-15 12.01.37.jpg



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P40
SERVICE:	STORMWATER
STRUCTURE:	SUMP (QS)
EASTING:	212308.541
NORTHING:	600322.169
COVER LEVEL:	RL558.558
LAT/LONG:	35.3132060019617, 149.14584428071976

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/15/2023 12:20:14
DEVICE:	LS Tablet 1

PIPE DETAILS

PIPE COUNT:	4
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	1.4	0.45	60	RL557.158
2	INLET	1.33	0.3	150	RL557.228
3	INLET	1.39	0.3	240	RL557.168
4	INLET	1.34	0.3	330	RL557.218

PIT IMAGES

SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-15 12.23.47.jpg
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INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-15 12.21.21.jpg
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-15 12.21.37.jpg



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P41
SERVICE:	STORMWATER
STRUCTURE:	SUMP (R)
EASTING:	212339.892
NORTHING:	600337.193
COVER LEVEL:	RL558.185
LAT/LONG:	35.31304267048453, 149.14623118937016

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/15/2023 12:54:06
DEVICE:	LS Tablet 1

PIPE DETAILS

PIPE COUNT:	3
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	1.2	0.45	60	RL556.985
2	INLET	1.16	0.45	240	RL557.025
3	INLET	1.12	0.3	330	RL557.065

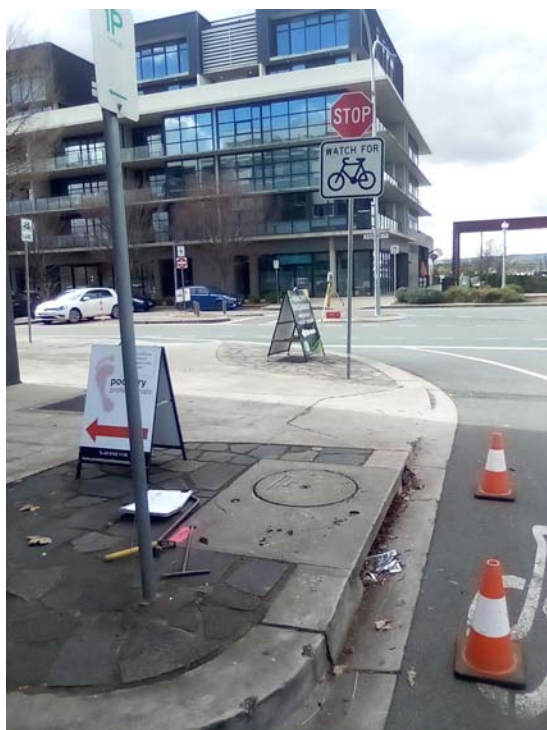
PIT IMAGES

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INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-15 12.55.22.jpg
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-15 12.55.33.jpg



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation

	PIT DETAILS					
	PIT ID:		P42			
	SERVICE:		STORMWATER			
	STRUCTURE:		SUMP (R)			
	EASTING:		212331.785			
	NORTHING:		600354.492			
	COVER LEVEL:		RL558.162			
	LAT/LONG:		35.31290970692791,149.14614837616682			
	OBSERVER DETAILS					
	NAME:		Callum Green			
OBSERV' DATE:		8/15/2023 13:34:40				
DEVICE:		LS Tablet 1				
PIPE DETAILS						
PIPE COUNT:		2				
DIR'N METHOD:		Magnetic				
PIPE INFORMATION						
PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT	
1	OUTLET	1.04	0.3	150	RL557.122	
2	INLET	1.01	0.3	320	RL557.152	
PIT IMAGES						
SURFACE:		\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-15 13.37.21.jpg				
INTERNAL A:		\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-15 13.35.30.jpg				
INTERNAL B:		\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-15 13.35.39.jpg				
INTERNAL C:		\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-15 13.35.51.jpg				
						

KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation

	PIT DETAILS					
	PIT ID:		P43			
	SERVICE:		STORMWATER			
	STRUCTURE:		SUMP (R)			
	EASTING:		212352.038			
	NORTHING:		600332.858			
	COVER LEVEL:		RL558.153			
	LAT/LONG:		35.31309601999827,149.14633244276047			
	OBSERVER DETAILS					
	NAME:		Callum Green			
OBSERV' DATE:		8/15/2023 13:51:51				
DEVICE:		LS Tablet 1				
PIPE DETAILS						
PIPE COUNT:		3				
DIR'N METHOD:		Magnetic				
PIPE INFORMATION						
PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT	
1	OUTLET	1.26	0.45	60	RL556.893	
2	INLET	1.22	0.3	150	RL556.933	
3	INLET	1.21	0.3	240	RL556.943	
PIT IMAGES						
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INTERNAL A:		\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-15 13.52.41.jpg				
INTERNAL B:		\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-15 13.52.48.jpg				
INTERNAL C:		\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-15 13.53.04.jpg				
						



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P44
SERVICE:	STORMWATER
STRUCTURE:	SUMP (R)
EASTING:	212336.121
NORTHING:	600366.637
COVER LEVEL:	RL558.139
LAT/LONG:	35.31280793220603, 149.1461668163538

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/15/2023 14:11:17
DEVICE:	LS Tablet 1

PIPE DETAILS

PIPE COUNT:	2
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	1.32	0.3	40	RL556.819
2	INLET	1.3	0.3	320	RL556.839

PIT IMAGES

SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-15 14.13.12.jpg
INTERNAL A:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-15 14.12.04.jpg
INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-15 14.12.13.jpg
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-15 14.12.21.jpg



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P45
SERVICE:	STORMWATER
STRUCTURE:	SUMP (QS)
EASTING:	212334.321
NORTHING:	600369.772
COVER LEVEL:	RL557.991
LAT/LONG:	35.31279835662077, 149.14616111665964

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/15/2023 14:29:19
DEVICE:	LS Tablet 1

PIPE DETAILS

PIPE COUNT:	2
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	1.05	0.3	140	RL556.941
2	INLET	1.03	0.3	320	RL556.961

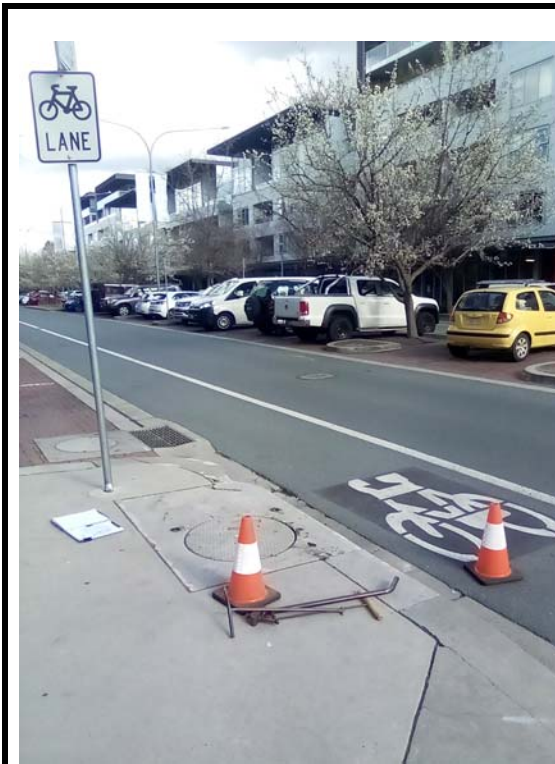
PIT IMAGES

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INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-15 14.30.25.jpg
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-15 14.30.32.jpg



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P46
SERVICE:	STORMWATER
STRUCTURE:	SUMP (R)
EASTING:	212369.306
NORTHING:	600340.958
COVER LEVEL:	RL557.952
LAT/LONG:	35.312952933787166, 149.14647661149502

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/15/2023 14:55:36
DEVICE:	LS Tablet 1

PIPE DETAILS

PIPE COUNT:	4
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	1.26	0.45	320	RL556.692
2	INLET	1.22	0.3	50	RL556.732
3	INLET	1.23	0.3	140	RL556.722
4	INLET	1.21	0.45	230	RL556.742

PIT IMAGES

SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-15 14.58.35.jpg
INTERNAL A:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-15 14.56.28.jpg
INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-15 14.56.37.jpg
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-15 14.56.52.jpg



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation

	PIT DETAILS					
	PIT ID:		P47			
	SERVICE:		STORMWATER			
	STRUCTURE:		SUMP (QS)			
	EASTING:		212365.577			
	NORTHING:		600349.082			
	COVER LEVEL:		RL557.954			
	LAT/LONG:		35.31295895271511, 149.146495051682			
	OBSERVER DETAILS					
	NAME:		Callum Green			
OBSERV' DATE:		8/15/2023 15:17:12				
DEVICE:		LS Tablet 1				
PIPE DETAILS						
PIPE COUNT:		3				
DIR'N METHOD:		Magnetic				
PIPE INFORMATION						
PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT	
1	OUTLET	1.36	0.6	320	RL556.594	
2	INLET	1.31	0.45	140	RL556.644	
3	INLET	1.15	0.45	230	RL556.804	
PIT IMAGES						
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INTERNAL C:		\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-15 15.18.20.jpg				
						

KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P48
SERVICE:	STORMWATER
STRUCTURE:	SUMP (QS)
EASTING:	212362.232
NORTHING:	600356.07
COVER LEVEL:	RL557.948
LAT/LONG:	35.31290642387437,149.14644 476026297

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/15/2023 15:43:30
DEVICE:	LS Tablet 1

PIPE DETAILS

PIPE COUNT:	3
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	1.45	0.75	50	RL556.498
2	INLET	1.39	0.6	140	RL556.558
3	INLET	1.38	0.45	320	RL556.568

PIT IMAGES

SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-15 15.45.35.jpg
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INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-15 15.44.29.jpg
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KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P49
SERVICE:	STORMWATER
STRUCTURE:	SUMP (QS)
EASTING:	212357.079
NORTHING:	600367.107
COVER LEVEL:	RL557.955
LAT/LONG:	35.31284814965176, 149.14641123265028

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/15/2023 15:55:32
DEVICE:	LS Tablet 1

PIPE DETAILS

PIPE COUNT:	3
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	1.29	0.45	140	RL556.665
2	INLET	1.26	0.45	320	RL556.695
3	INLET	1.17	0.3	50	RL556.785

PIT IMAGES

SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-15 15.57.13.jpg
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INTERNAL C:	\\Survey\HYDRAULICS\PHOTOS\2023-08-15 15.56.30.jpg



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P50
SERVICE:	STORMWATER
STRUCTURE:	SUMP (R)
EASTING:	212246.432
NORTHING:	600588.489
COVER LEVEL:	RL557.943
LAT/LONG:	35.31080934619464, 149.1451871395111

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/16/2023 11:05:17
DEVICE:	PHONE

PIPE DETAILS

PIPE COUNT:	2
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	1.55	0.45	10	RL556.393
2	INLET	1.51	0.3	280	RL556.433

PIT IMAGES

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INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-16 11.06.38.jpg
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-16 11.06.53.jpg



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation

	PIT DETAILS										
	PIT ID:		P51								
	SERVICE:		STORMWATER								
	STRUCTURE:		GRATED PIT								
	EASTING:		212259.89								
	NORTHING:		600571.187								
	COVER LEVEL:		RL557.775								
	LAT/LONG:		35.31096201200155,149.14531622081995								
	OBSERVER DETAILS										
	NAME:		Callum Green								
OBSERV' DATE:		8/16/2023 11:19:41									
DEVICE:		PHONE									
<th colspan="6">PIPE DETAILS</th>						PIPE DETAILS					
PIPE COUNT:		1									
DIR'N METHOD:		Magnetic									
PIPE INFORMATION											
PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT						
1	OUTLET	0.6	0.3	150	RL557.175						
PIT IMAGES											
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INTERNAL B:		\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-16 11.21.32.jpg									
INTERNAL C:		\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-16 11.21.49.jpg									
											

KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P52
SERVICE:	STORMWATER
STRUCTURE:	SUMP (QS)
EASTING:	212280.673
NORTHING:	600529.063
COVER LEVEL:	RL557.802
LAT/LONG:	35.31133738261702, 149.14554756134748

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/16/2023 11:40:08
DEVICE:	PHONE

PIPE DETAILS

PIPE COUNT:	3
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	1.41	0.675	130	RL556.392
2	INLET	1.32	0.675	240	RL556.482
3	INLET	0.96	0.3	330	RL556.842

PIT IMAGES

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INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-16 11.41.44.jpg
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-16 11.41.54.jpg



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P53
SERVICE:	STORMWATER
STRUCTURE:	SUMP (QS)
EASTING:	212285.633
NORTHING:	600524.736
COVER LEVEL:	RL558.025
LAT/LONG:	35.31138307265319, 149.14559852331877

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/16/2023 12:15:41
DEVICE:	PHONE

PIPE DETAILS

PIPE COUNT:	2
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	1.73	0.675	100	RL556.295
2	INLET	1.67	0.675	310	RL556.355

PIT IMAGES

SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-16 12.17.59.jpg
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INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-16 12.17.14.jpg
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-16 12.17.22.jpg



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P54
SERVICE:	STORMWATER
STRUCTURE:	SUMP (QS)
EASTING:	212295.542
NORTHING:	600523.479
COVER LEVEL:	RL558.109
LAT/LONG:	35.31139182762723, 149.14570983499289

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/16/2023 12:36:23
DEVICE:	PHONE

PIPE DETAILS

PIPE COUNT:	3
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	1.96	0.675	50	RL556.149
2	INLET	1.91	0.375	140	RL556.199
3	INLET	1.87	0.675	260	RL556.239

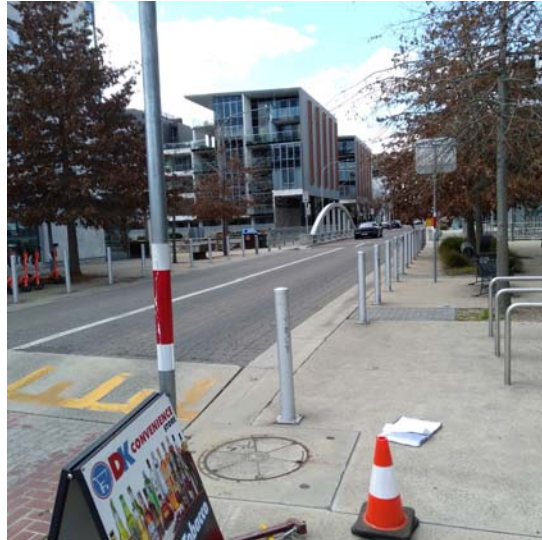
PIT IMAGES

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INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-16 12.38.01.jpg



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P55
SERVICE:	STORMWATER
STRUCTURE:	SUMP (QS)
EASTING:	212298.95
NORTHING:	600515.823
COVER LEVEL:	RL558.107
LAT/LONG:	35.31145584834613, 149.14574939757586

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/16/2023 13:08:30
DEVICE:	PHONE

PIPE DETAILS

PIPE COUNT:	4
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	1.85	0.375	330	RL556.257
2	INLET	1.73	0.3	160	RL556.377
3	INLET	1.84	0.225	220	RL556.267
4	INLET	1.83	0.225	230	RL556.277

PIT IMAGES

SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-16 13.11.03.jpg
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INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-16 13.09.53.jpg
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-16 13.10.05.jpg



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation

	PIT DETAILS					
	PIT ID:		P56			
	SERVICE:		STORMWATER			
	STRUCTURE:		SUMP (QS)			
	EASTING:		212294.195			
	NORTHING:		600505.474			
	COVER LEVEL:		RL558.022			
	LAT/LONG:		35.31155543603037, 149.14569273591042			
	OBSERVER DETAILS					
	NAME:		Callum Green			
OBSERV' DATE:		8/16/2023 13:35:13				
DEVICE:		PHONE				
PIPE DETAILS						
PIPE COUNT:		4				
DIR'N METHOD:		Magnetic				
PIPE INFORMATION						
PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT	
1	OUTLET	1.7	0.225	30	RL556.322	
2	INLET	1.6	0.225	70	RL556.422	
3	INLET	1.6	0.375	210	RL556.422	
4	INLET	1.7	0.225	20	RL556.322	
PIT IMAGES						
SURFACE:		\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-16 13.40.26.jpg				
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INTERNAL B:		\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-16 13.36.55.jpg				
INTERNAL C:		\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-16 13.37.05.jpg				
						



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P57
SERVICE:	STORMWATER
STRUCTURE:	SUMP (QS)
EASTING:	212293.024
NORTHING:	600502.994
COVER LEVEL:	RL557.828
LAT/LONG:	35.31157869137853, 149.14568334817886

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/16/2023 14:05:56
DEVICE:	PHONE

PIPE DETAILS

PIPE COUNT:	3
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	1.43	0.375	30	RL556.398
2	INLET	1.05	0.3	140	RL556.778
3	INLET	1.4	0.3	230	RL556.428

PIT IMAGES

SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-16 14.08.27.jpg
INTERNAL A:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-16 14.07.09.jpg
INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-16 14.07.20.jpg
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-16 14.07.33.jpg



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P58
SERVICE:	STORMWATER
STRUCTURE:	SUMP (R)
EASTING:	212353.292
NORTHING:	600374.745
COVER LEVEL:	RL557.961
LAT/LONG:	35.31272093113257,149.14634082466364

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/16/2023 14:30:59
DEVICE:	PHONE

PIPE DETAILS

PIPE COUNT:	3
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	1.26	0.45	140	RL556.701
2	INLET	1.22	0.3	230	RL556.741
3	INLET	1.23	0.375	320	RL556.731

PIT IMAGES

SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-16 14.33.16.jpg
INTERNAL A:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-16 14.32.17.jpg
INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-16 14.32.25.jpg
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-16 14.32.32.jpg



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P59
SERVICE:	STORMWATER
STRUCTURE:	SUMP (QS)
EASTING:	212351.942
NORTHING:	600378.2
COVER LEVEL:	RL557.816
LAT/LONG:	35.31269794970132, 149.14632875472307

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/16/2023 14:50:51
DEVICE:	PHONE

PIPE DETAILS

PIPE COUNT:	2
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	1.1	0.375	130	RL556.716
2	INLET	1.03	0.375	310	RL556.786

PIT IMAGES

SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-16 14.53.08.jpg
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INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-16 14.52.22.jpg
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-16 14.52.31.jpg



KINGSTON ARTS PRECINCT

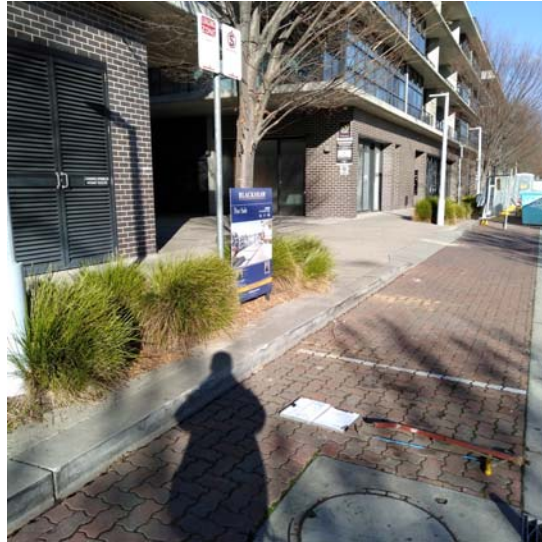
Stormwater & Sewer Hydraulics Investigation

	PIT DETAILS										
	PIT ID:		P60								
	SERVICE:		STORMWATER								
	STRUCTURE:		SUMP (QS)								
	EASTING:		212239.111								
	NORTHING:		600327.234								
	COVER LEVEL:		RL559.901								
	LAT/LONG:		35.31318055838645, 149.14510130882263								
	OBSERVER DETAILS										
	NAME:		Callum Green								
OBSERV' DATE:		8/16/2023 15:13:22									
DEVICE:		PHONE									
<th colspan="6">PIPE DETAILS</th>						PIPE DETAILS					
PIPE COUNT:		1									
DIR'N METHOD:		Magnetic									
PIPE INFORMATION											
PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT						
1	OUTLET	1.35	0.375	90	RL558.551						
PIT IMAGES											
SURFACE:		\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-16 15.15.01.jpg									
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INTERNAL C:		\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-16 15.14.41.jpg									
											



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P61
SERVICE:	STORMWATER
STRUCTURE:	SUMP (QS)
EASTING:	212308.05
NORTHING:	600471.187
COVER LEVEL:	RL557.833
LAT/LONG:	35.3118643212271, 149.14584662765265

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/16/2023 15:43:11
DEVICE:	PHONE

PIPE DETAILS

PIPE COUNT:	1
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	0.85	0.3	320	RL556.983

PIT IMAGES

SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-16 15.45.38.jpg
INTERNAL A:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-16 15.45.10.jpg
INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-16 15.45.20.jpg
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-16 15.45.28.jpg



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation

	PIT DETAILS				
	PIT ID:	P62			
	SERVICE:	SEWER			
	STRUCTURE:	SMH (Silted)			
	EASTING:	212321.707			
	NORTHING:	600389.961			
	COVER LEVEL:	RL558.068			
	LAT/LONG:	35.312604382378076, 149.1460290178657			
	OBSERVER DETAILS				
	NAME:	Callum Green			
OBSERV' DATE:	8/17/2023 10:39:59				
DEVICE:	PHONE				
<th colspan="2">PIPE DETAILS</th>		PIPE DETAILS			
PIPE COUNT:	1				
DIR'N METHOD:	Magnetic				
PIPE INFORMATION					
PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	0	0	0	RL558.068
PIT IMAGES					
SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-17 10.43.05.jpg				
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INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-17 10.42.34.jpg				
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-17 10.42.49.jpg				
					

KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P63
SERVICE:	SEWER
STRUCTURE:	SMH
EASTING:	212315.998
NORTHING:	600402.063
COVER LEVEL:	RL558.117
LAT/LONG:	35.3124859183311, 149.14593413472176

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/17/2023 11:01:57
DEVICE:	PHONE

PIPE DETAILS

PIPE COUNT:	3
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	4.92	0.15	40	RL553.197
2	INLET	4.9	0.15	120	RL553.217
3	INLET	4.89	0.15	220	RL553.227

PIT IMAGES

SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-17 11.04.50.jpg
INTERNAL A:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-17 11.03.13.jpg
INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-17 11.03.30.jpg
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-17 11.03.42.jpg



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P64
SERVICE:	SEWER
STRUCTURE:	SMH
EASTING:	212280.311
NORTHING:	600477.22
COVER LEVEL:	RL558.084
LAT/LONG:	35.31181179167547, 149.14554119110107

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/17/2023 11:26:18
DEVICE:	PHONE

PIPE DETAILS

PIPE COUNT:	2
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	4.35	0.15	40	RL553.734
2	INLET	2.5	0.15	220	RL555.584

PIT IMAGES

SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-17 11.29.10.jpg
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INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-17 11.28.16.jpg
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-17 11.28.28.jpg



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P65
SERVICE:	SEWER
STRUCTURE:	SMH
EASTING:	212260.648
NORTHING:	600505.88
COVER LEVEL:	RL557.76
LAT/LONG:	35.31154996418277, 149.14532829076052

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/17/2023 11:43:34
DEVICE:	PHONE

PIPE DETAILS

PIPE COUNT:	1
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	1.81	0.15	70	RL555.95

PIT IMAGES

SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-17 11.45.31.jpg
INTERNAL A:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-17 11.44.40.jpg
INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-17 11.44.51.jpg
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-17 11.45.02.jpg



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P66
SERVICE:	SEWER
STRUCTURE:	SMH
EASTING:	212229.711
NORTHING:	600576.785
COVER LEVEL:	RL558.1
LAT/LONG:	35.31091167062036, 149.14498630911112

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/17/2023 13:03:49
DEVICE:	PHONE

PIPE DETAILS

PIPE COUNT:	2
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	3.49	0.15	0	RL554.61
2	INLET	3.47	0.15	180	RL554.63

PIT IMAGES

SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-17 13.05.36.jpg
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INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-17 13.04.53.jpg
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-17 13.05.02.jpg



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P67
SERVICE:	SEWER
STRUCTURE:	SMH
EASTING:	212145.33
NORTHING:	600587.71
COVER LEVEL:	RL557.8
LAT/LONG:	35.31081892201537, 149.14406027644873

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/17/2023 13:24:06
DEVICE:	PHONE

PIPE DETAILS

PIPE COUNT:	2
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	1.91	0.15	80	RL555.89
2	INLET	1.9	0.15	200	RL555.9

PIT IMAGES

SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-17 13.26.06.jpg
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INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-17 13.25.26.jpg



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P68
SERVICE:	SEWER
STRUCTURE:	SMH (Silted)
EASTING:	212084.766
NORTHING:	600599.643
COVER LEVEL:	RL558.36
LAT/LONG:	35.31067774694347, 149.14336994290352

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/17/2023 13:43:05
DEVICE:	PHONE

PIPE DETAILS

PIPE COUNT:	1
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	0	0	0	RL558.36

PIT IMAGES

SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-17 13.45.30.jpg
INTERNAL A:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-17 13.44.54.jpg
INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-17 13.45.03.jpg
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-17 13.45.15.jpg



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P69
SERVICE:	STORMWATER
STRUCTURE:	SWMH
EASTING:	212252.967
NORTHING:	600597.036
COVER LEVEL:	RL558.093
LAT/LONG:	35.310729730041245, 149.14523977786303

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/17/2023 14:07:56
DEVICE:	PHONE

PIPE DETAILS

PIPE COUNT:	2
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	1.72	0.375	290	RL556.373
2	INLET	1.56	0.3	70	RL556.533

PIT IMAGES

SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-17 14.10.54.jpg
INTERNAL A:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-17 14.09.33.jpg
INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-17 14.09.40.jpg
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-17 14.10.00.jpg



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P70
SERVICE:	STORMWATER
STRUCTURE:	SWMH
EASTING:	212248.586
NORTHING:	600597.454
COVER LEVEL:	RL558.066
LAT/LONG:	35.310720701400335, 149.1451968625188

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/17/2023 14:24:08
DEVICE:	PHONE

PIPE DETAILS

PIPE COUNT:	3
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	1.81	0.375	320	RL556.256
2	INLET	1.81	0.375	110	RL556.256
3	INLET	1.81	0.375	150	RL556.256

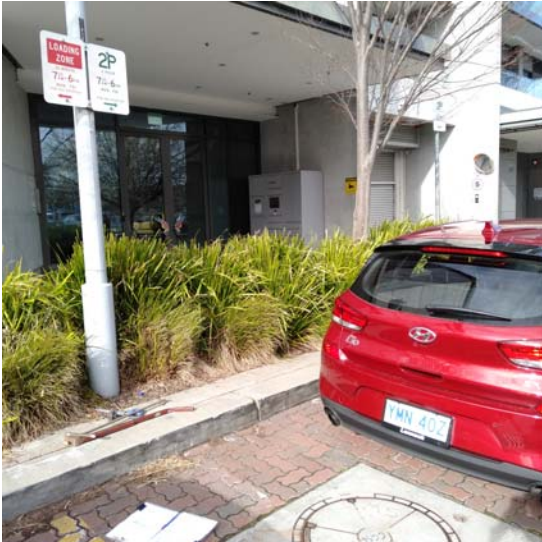
PIT IMAGES

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INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-17 14.25.33.jpg
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-17 14.25.44.jpg



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation

	PIT DETAILS				
	PIT ID:	P71			
	SERVICE:	STORMWATER			
	STRUCTURE:	SUMP (QS)			
	EASTING:	212265.727			
	NORTHING:	600560.752			
	COVER LEVEL:	RL557.791			
	LAT/LONG:	35.311055581224664, 149.1453742235899			
	OBSERVER DETAILS				
	NAME:	Callum Green			
OBSERV' DATE:	8/17/2023 14:46:13				
DEVICE:	PHONE				
<th>PIPE DETAILS</th>		PIPE DETAILS			
PIPE COUNT:	2				
DIR'N METHOD:	Magnetic				
PIPE INFORMATION					
PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	0.78	0.3	150	RL557.011
2	INLET	0.76	0.3	330	RL557.031
PIT IMAGES					
SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-17 14.49.19.jpg				
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INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-17 14.48.30.jpg				
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-17 14.48.38.jpg				
					



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P72
SERVICE:	SEWER
STRUCTURE:	SMH (Flooded)
EASTING:	212131.956
NORTHING:	600270.313
COVER LEVEL:	RL562.357
LAT/LONG:	- 35.31366890948183, 149.14391878992316

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/17/2023 15:19:47
DEVICE:	PHONE

PIPE DETAILS

PIPE COUNT:	1
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	0	0	0	RL562.357

PIT IMAGES

SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-17 15.21.24.jpg
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INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-17 15.20.55.jpg
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-17 15.21.02.jpg



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation

	PIT DETAILS										
	PIT ID:		P73								
	SERVICE:		STORMWATER								
	STRUCTURE:		SWMH								
	EASTING:		212120.281								
	NORTHING:		600258.094								
	COVER LEVEL:		RL563.151								
	LAT/LONG:		35.31378873972024, 149.1437917202711								
	OBSERVER DETAILS										
	NAME:		Callum Green								
OBSERV' DATE:		8/17/2023 15:30:54									
DEVICE:		PHONE									
<th colspan="6">PIPE DETAILS</th>						PIPE DETAILS					
PIPE COUNT:		2									
DIR'N METHOD:		Magnetic									
PIPE INFORMATION											
PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT						
1	OUTLET	1.6	0.375	140	RL561.551						
2	INLET	1.58	0.225	230	RL561.571						
PIT IMAGES											
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INTERNAL B:		\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-17 15.32.14.jpg									
INTERNAL C:		\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-17 15.32.24.jpg									
											



KINGSTON ARTS PRECINCT

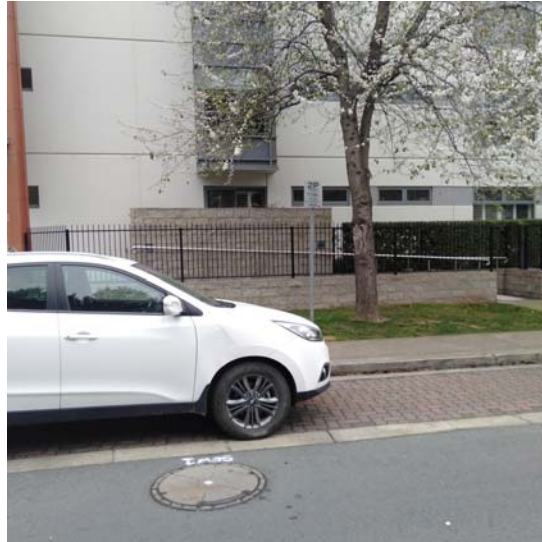
Stormwater & Sewer Hydraulics Investigation

	PIT DETAILS										
	PIT ID:		P74								
	SERVICE:		STORMWATER								
	STRUCTURE:		SWMH								
	EASTING:		212143.49								
	NORTHING:		600213.035								
	COVER LEVEL:		RL562.685								
	LAT/LONG:		35.31419473856901, 149.14405122399333								
	OBSERVER DETAILS										
	NAME:		Callum Green								
OBSERV' DATE:		8/17/2023 15:56:20									
DEVICE:		PHONE									
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PIPE COUNT:		3									
DIR'N METHOD:		Magnetic									
PIPE INFORMATION											
PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT						
1	OUTLET	1.77	0.375	140	RL560.915						
2	INLET	1.75	0.375	230	RL560.935						
3	INLET	1.75	0.375	320	RL560.935						
PIT IMAGES											
SURFACE:		\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-17 15.58.28.jpg									
INTERNAL A:		\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-17 15.57.38.jpg									
INTERNAL B:		\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-17 15.57.45.jpg									
INTERNAL C:		\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-17 15.57.52.jpg									
											



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P75
SERVICE:	SEWER
STRUCTURE:	SMH
EASTING:	212091.739
NORTHING:	600622.459
COVER LEVEL:	RL558.384
LAT/LONG:	35.31032863853712, 149.1429890692234

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/21/2023 10:48:14
DEVICE:	PHONE

PIPE DETAILS

PIPE COUNT:	3
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	2.86	0.15	80	RL555.524
2	INLET	2.79	0.15	210	RL555.594
3	INLET	2.78	0.15	320	RL555.604

PIT IMAGES

SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-21 10:59.00.jpg
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INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-21 10:54.27.jpg
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-21 10:54.37.jpg



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation

	PIT DETAILS										
	PIT ID:		P76								
	SERVICE:		SEWER								
	STRUCTURE:		SMH								
	EASTING:		212147.44								
	NORTHING:		600604.442								
	COVER LEVEL:		RL558.233								
	LAT/LONG:		35.31066351998457, 149.14407905191183								
	OBSERVER DETAILS										
	NAME:		Callum Green								
OBSERV' DATE:		8/21/2023 11:03:43									
DEVICE:		PHONE									
<th colspan="6">PIPE DETAILS</th>						PIPE DETAILS					
PIPE COUNT:		2									
DIR'N METHOD:		Magnetic									
PIPE INFORMATION											
PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT						
1	OUTLET	3.15	0.15	90	RL555.083						
2	INLET	3.13	0.15	270	RL555.103						
PIT IMAGES											
SURFACE:		\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-21 11.06.47.jpg									
INTERNAL A:		\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-21 11.03.46.jpg									
INTERNAL B:		\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-21 11.04.11.jpg									
INTERNAL C:		\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-21 11.04.20.jpg									
											



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation

	PIT DETAILS				
	PIT ID:	P77			
	SERVICE:	SEWER			
	STRUCTURE:	SMH			
	EASTING:	212200.269			
	NORTHING:	600592.509			
	COVER LEVEL:	RL558.129			
	LAT/LONG:	35.310775146825634,149.144671484828			
	OBSERVER DETAILS				
	NAME:	Callum Green			
OBSERV' DATE:	8/21/2023 11:19:25				
DEVICE:	PHONE				
<th>PIPE DETAILS</th>		PIPE DETAILS			
PIPE COUNT:	3				
DIR'N METHOD:	Magnetic				
PIPE INFORMATION					
PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	3.46	0.15	90	RL554.669
2	INLET	3.44	0.15	270	RL554.689
3	INLET	3.36	0.15	340	RL554.769
PIT IMAGES					
SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-21 11.23.48.jpg				
INTERNAL A:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-21 11.19.30.jpg				
INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-21 11.19.43.jpg				
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-21 11.19.52.jpg				
					



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation

	PIT DETAILS				
	PIT ID:	P78			
	SERVICE:	SEWER			
	STRUCTURE:	SMH			
	EASTING:	212232.346			
	NORTHING:	600587.733			
	COVER LEVEL:	RL558.002			
	LAT/LONG:	- 35.31081235573843, 149.1450205072761			
	OBSERVER DETAILS				
	NAME:	Callum Green			
OBSERV' DATE:	8/21/2023 11:30:03				
DEVICE:	PHONE				
<th>PIPE DETAILS</th>		PIPE DETAILS			
PIPE COUNT:	4				
DIR'N METHOD:	Magnetic				
PIPE INFORMATION					
PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	3.62	0.15	90	RL554.382
2	INLET	3.56	0.15	190	RL554.442
3	INLET	3.59	0.15	270	RL554.412
4	INLET	2.97	0.15	350	RL555.032
PIT IMAGES					
SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-21 11.31.17.jpg				
INTERNAL A:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-21 11.31.39.jpg				
INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-21 11.37.20.jpg				
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-21 11.37.31.jpg				
					

KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation

	PIT DETAILS				
	PIT ID:	P79			
	SERVICE:	SEWER			
	STRUCTURE:	SMH			
	EASTING:	212250.685			
	NORTHING:	600581.074			
	COVER LEVEL:	RL557.93			
	LAT/LONG:	35.310874188158586, 149.1452193260193			
	OBSERVER DETAILS				
	NAME:	Callum Green			
OBSERV' DATE:	8/21/2023 11:44:47				
DEVICE:	PHONE				
<th>PIPE DETAILS</th>		PIPE DETAILS			
PIPE COUNT:	2				
DIR'N METHOD:	Magnetic				
PIPE INFORMATION					
PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	3.71	0.15	150	RL554.22
2	INLET	3.7	0.15	270	RL554.23
PIT IMAGES					
SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-21 11.58.23.jpg				
INTERNAL A:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-21 11.51.54.jpg				
INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-21 11.55.53.jpg				
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-21 11.56.02.jpg				
					



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P80
SERVICE:	SEWER
STRUCTURE:	SMH
EASTING:	212268.93
NORTHING:	600542.915
COVER LEVEL:	RL557.883
LAT/LONG:	35.31121782234036, 149.14541713893414

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/21/2023 12:09:34
DEVICE:	PHONE

PIPE DETAILS

PIPE COUNT:	3
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	4.02	0.15	150	RL553.863
2	INLET	3.97	0.15	330	RL553.913
3	INLET	3.97	0.15	40	RL553.913

PIT IMAGES

SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-21 12.18.03.jpg
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INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-21 12.15.04.jpg
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-21 12.15.13.jpg



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P81
SERVICE:	SEWER
STRUCTURE:	SMH
EASTING:	212296.572
NORTHING:	600484.223
COVER LEVEL:	RL557.898
LAT/LONG:	35.31153984126372, 149.14560656994584

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/21/2023 12:20:50
DEVICE:	PHONE

PIPE DETAILS

PIPE COUNT:	4
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	4.61	0.225	140	RL553.288
2	INLET	4.57	0.15	240	RL553.328
3	INLET	4.58	0.225	320	RL553.318
4	INLET	2.92	0.15	50	RL554.978

PIT IMAGES

SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-21 13.39.46.jpg
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INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-21 13.39.28.jpg
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-21 13.39.37.jpg



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation

	PIT DETAILS				
	PIT ID:	P82			
	SERVICE:	SEWER			
	STRUCTURE:	SMH			
	EASTING:	212332.042			
	NORTHING:	600409.012			
	COVER LEVEL:	RL557.904			
	LAT/LONG:	35.31242025689083, 149.146119877696			
	OBSERVER DETAILS				
	NAME:	Callum Green			
OBSERV' DATE:	8/21/2023 13:47:57				
DEVICE:	PHONE				
<th>PIPE DETAILS</th>		PIPE DETAILS			
PIPE COUNT:	3				
DIR'N METHOD:	Magnetic				
PIPE INFORMATION					
PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	5.01	0.225	140	RL552.894
2	INLET	4.96	0.15	230	RL552.944
3	INLET	4.98	0.225	320	RL552.924
PIT IMAGES					
SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-21 13.49.41.jpg				
INTERNAL A:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-21 13.50.15.jpg				
INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-21 13.57.22.jpg				
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-21 13.57.30.jpg				
					

KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P83
SERVICE:	SEWER
STRUCTURE:	SMH
EASTING:	212343.366
NORTHING:	600385.118
COVER LEVEL:	RL557.908
LAT/LONG:	35.31263693944141, 149.14624325931072

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/21/2023 14:03:52
DEVICE:	PHONE

PIPE DETAILS

PIPE COUNT:	3
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	5.17	0.225	140	RL552.738
2	INLET	5.15	0.225	320	RL552.758
3	INLET	5.1	0.15	50	RL552.808

PIT IMAGES

SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-21 14.12.58.jpg
INTERNAL A:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-21 14.05.47.jpg
INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-21 14.10.52.jpg
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-21 14.10.58.jpg



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation

	PIT DETAILS				
	PIT ID:	P84			
	SERVICE:	SEWER			
	STRUCTURE:	SMH			
	EASTING:	212315.569			
	NORTHING:	600330.87			
	COVER LEVEL:	RL558.389			
	LAT/LONG:	-			
	OBSERVER DETAILS				
	NAME:	Callum Green			
OBSERV' DATE:	8/21/2023 14:28:01				
DEVICE:	PHONE				
PIPE DETAILS					
PIPE COUNT:	3				
DIR'N METHOD:	Magnetic				
PIPE INFORMATION					
PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	3.75	0.225	50	RL554.639
2	INLET	3.7	0.15	180	RL554.689
3	INLET	3.74	0.225	230	RL554.649
PIT IMAGES					
SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-21 14.43.19.jpg				
INTERNAL A:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-21 14.30.39.jpg				
INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-21 14.39.50.jpg				
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-21 14.39.55.jpg				
					

KINGSTON ARTS PRECINCT

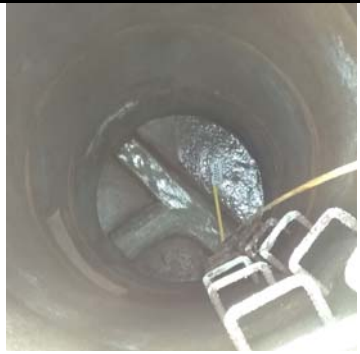
Stormwater & Sewer Hydraulics Investigation

	PIT DETAILS					
	PIT ID:		P85			
	SERVICE:		SEWER			
	STRUCTURE:		SMH			
	EASTING:		212285.838			
	NORTHING:		600507.191			
	COVER LEVEL:		RL557.911			
	LAT/LONG:		35.311536831747006,149.14561059325933			
	OBSERVER DETAILS					
	NAME:		Callum Green			
OBSERV' DATE:		8/22/2023 10:45:58				
DEVICE:		PHONE				
PIPE DETAILS						
PIPE COUNT:		4				
DIR'N METHOD:		Magnetic				
PIPE INFORMATION						
PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT	
1	OUTLET	4.45	0.225	140	RL553.461	
2	INLET	2.25	0.15	230	RL555.661	
3	INLET	4.4	0.15	320	RL553.511	
4	INLET	4.35	0.15	50	RL553.561	
PIT IMAGES						
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INTERNAL B:		\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-22 10.50.35.jpg				
INTERNAL C:		\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-22 10.50.43.jpg				
						



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation

	PIT DETAILS				
	PIT ID:	P86			
	SERVICE:	SEWER			
	STRUCTURE:	SMH			
	EASTING:	212359.283			
	NORTHING:	600351.147			
	COVER LEVEL:	RL557.823			
	LAT/LONG:	35.31294472615744, 149.14641961455342			
	OBSERVER DETAILS				
	NAME:	Callum Green			
OBSERV' DATE:	8/22/2023 11:26:08				
DEVICE:	PHONE				
	PIPE DETAILS				
	PIPE COUNT:	3			
	DIR'N METHOD:	Magnetic			
PIPE INFORMATION					
PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	5.25	0.3	140	RL552.573
2	INLET	3.35	0.225	230	RL554.473
3	INLET	5.2	0.225	320	RL552.623
PIT IMAGES					
SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-22 11.34.54.jpg				
INTERNAL A:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-22 11.33.05.jpg				
INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-22 11.33.28.jpg				
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-22 11.33.39.jpg				
					



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation

	PIT DETAILS				
	PIT ID:	P87			
	SERVICE:	SEWER			
	STRUCTURE:	SMH			
	EASTING:	212254.063			
	NORTHING:	600301.723			
	COVER LEVEL:	RL559.963			
	LAT/LONG:	- 35.313401069106106,149.1452 6291191578			
	OBSERVER DETAILS				
	NAME:	Callum Green			
OBSERV' DATE:	8/22/2023 11:59:18				
DEVICE:	PHONE				
<th>PIPE DETAILS</th>		PIPE DETAILS			
PIPE COUNT:	4				
DIR'N METHOD:	Magnetic				
PIPE INFORMATION					
PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	5.02	0.225	50	RL554.943
2	INLET	4.95	0.15	140	RL555.013
3	INLET	5	0.225	230	RL554.963
4	INLET	4.9	0.15	320	RL555.063
PIT IMAGES					
SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-22 12.06.57.jpg				
INTERNAL A:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-22 12.00.04.jpg				
INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-22 12.05.33.jpg				
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-22 12.05.42.jpg				
					



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P88
SERVICE:	SEWER
STRUCTURE:	SMH
EASTING:	212249.692
NORTHING:	600310.113
COVER LEVEL:	RL559.958
LAT/LONG:	35.313318446053295, 149.1452193260193

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/22/2023 12:17:15
DEVICE:	PHONE

PIPE DETAILS

PIPE COUNT:	3
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	4.47	0.15	140	RL555.488
2	INLET	2.43	0.15	230	RL557.528
3	INLET	4.38	0.15	320	RL555.578

PIT IMAGES

SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-22 12.23.05.jpg
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INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-22 12.19.31.jpg
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-22 12.19.41.jpg



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation

	PIT DETAILS				
	PIT ID:	P89			
	SERVICE:	SEWER			
	STRUCTURE:	SMH			
	EASTING:	212228.649			
	NORTHING:	600300.311			
	COVER LEVEL:	RL560.106			
	LAT/LONG:	35.313458795758486, 149.1448612511158			
	OBSERVER DETAILS				
	NAME:	Callum Green			
OBSERV' DATE:	8/22/2023 12:28:33				
DEVICE:	PHONE				
	PIPE DETAILS				
	PIPE COUNT:	3			
	DIR'N METHOD:	Magnetic			
PIPE INFORMATION					
PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	2.38	0.15	50	RL557.726
2	INLET	2.33	0.15	140	RL557.776
3	INLET	2.33	0.15	320	RL557.776
PIT IMAGES					
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INTERNAL A:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-22 12.28.42.jpg				
INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-22 12.29.00.jpg				
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-22 12.29.07.jpg				
					

KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation

	PIT DETAILS				
	PIT ID:	P90			
	SERVICE:	SEWER			
	STRUCTURE:	SMH			
	EASTING:	212180.831			
	NORTHING:	600266.958			
	COVER LEVEL:	RL561.437			
	LAT/LONG:	- 35.313703381212434,149.1444 6160197258			
	OBSERVER DETAILS				
	NAME:	Callum Green			
OBSERV' DATE:	8/22/2023 12:35:48				
DEVICE:	PHONE				
PIPE DETAILS					
PIPE COUNT:	2				
DIR'N METHOD:	Magnetic				
PIPE INFORMATION					
PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	6.9	0.15	180	RL554.537
2	INLET	6.85	0.15	50	RL554.587
PIT IMAGES					
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INTERNAL A:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-22 12.39.54.jpg				
INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-22 12.40.00.jpg				
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-22 12.40.06.jpg				
					



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation

	PIT DETAILS										
	PIT ID:		P91								
	SERVICE:		SEWER								
	STRUCTURE:		SMH								
	EASTING:		212177.87								
	NORTHING:		600258.813								
	COVER LEVEL:		RL561.544								
	LAT/LONG:		35.313792296322774,149.14444416761398								
	OBSERVER DETAILS										
	NAME:		Callum Green								
OBSERV' DATE:		8/22/2023 13:26:43									
DEVICE:		PHONE									
<th colspan="6">PIPE DETAILS</th>						PIPE DETAILS					
PIPE COUNT:		4									
DIR'N METHOD:		Magnetic									
PIPE INFORMATION											
PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT						
1	OUTLET	8.35	0.225	230	RL553.194						
2	INLET	7.7	0.15	0	RL553.844						
3	INLET	8.35	0.225	50	RL553.194						
4	INLET	8.3	0.15	140	RL553.244						
PIT IMAGES											
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INTERNAL B:		\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-22 13.27.21.jpg									
INTERNAL C:		\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-22 13.27.39.jpg									
											



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P92
SERVICE:	SEWER
STRUCTURE:	SMH
EASTING:	212060.815
NORTHING:	600381.111
COVER LEVEL:	RL562.339
LAT/LONG:	- 35.31267989285789, 149.14313 424378636

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/22/2023 14:48:12
DEVICE:	PHONE

PIPE DETAILS

PIPE COUNT:	5
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	9.95	0.45	320	RL552.389
2	INLET	9.7	0.15	20	RL552.639
3	INLET	1.3	0.225	100	RL561.039
4	INLET	9.95	0.45	140	RL552.389
5	INLET	3.05	0.15	190	RL559.289

PIT IMAGES

SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-22 14.53.46.jpg
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INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-22 14.49.11.jpg



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation

	PIT DETAILS				
	PIT ID:	P93			
	SERVICE:	STORMWATER			
	STRUCTURE:	SUMP (R) (Silted)			
	EASTING:	212057.999			
	NORTHING:	600385.526			
	COVER LEVEL:	RL562.361			
	LAT/LONG:	35.31263858097367, 149.14309870451686			
	OBSERVER DETAILS				
	NAME:	Callum Green			
OBSERV' DATE:	8/22/2023 15:00:24				
DEVICE:	PHONE				
<th>PIPE DETAILS</th>		PIPE DETAILS			
PIPE COUNT:	1				
DIR'N METHOD:	Magnetic				
PIPE INFORMATION					
PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	0	0	0	RL562.361
PIT IMAGES					
SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-22 15.01.54.jpg				
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KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation

	PIT DETAILS				
	PIT ID:	P94			
	SERVICE:	SEWER			
	STRUCTURE:	SMH			
	EASTING:	212001.064			
	NORTHING:	600520.56			
	COVER LEVEL:	RL560.489			
	LAT/LONG:	-			
	OBSERVER DETAILS				
	NAME:	Callum Green			
OBSERV' DATE:	8/22/2023 15:09:41				
DEVICE:	PHONE				
PIPE DETAILS					
PIPE COUNT:	2				
DIR'N METHOD:	Magnetic				
PIPE INFORMATION					
PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	3.66	0.15	290	RL556.829
2	INLET	3.65	0.15	50	RL556.839
PIT IMAGES					
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KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P95
SERVICE:	SEWER
STRUCTURE:	SMH
EASTING:	211901.699
NORTHING:	600541.523
COVER LEVEL:	RL559.673
LAT/LONG:	35.311175688928444,149.14142098277807

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/22/2023 15:52:05
DEVICE:	PHONE

PIPE DETAILS

PIPE COUNT:	4
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	7.6	0.525	300	RL552.073
2	INLET	4.75	0.15	60	RL554.923
3	INLET	7.55	0.45	130	RL552.123
4	INLET	7.3	0.3	200	RL552.373

PIT IMAGES

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INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-22 15.52.46.jpg



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P96
SERVICE:	SEWER
STRUCTURE:	SMH
EASTING:	211905.669
NORTHING:	600547.863
COVER LEVEL:	RL559.688
LAT/LONG:	35.31123341716908, 149.14138242602348

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/22/2023 16:08:39
DEVICE:	PHONE

PIPE DETAILS

PIPE COUNT:	2
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	7.2	0.3	350	RL552.488
2	INLET	2.2	0.3	120	RL557.488

PIT IMAGES

SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-22 16.11.47.jpg
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INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-22 16.09.29.jpg
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-22 16.09.48.jpg



KINGSTON ARTS PRECINCT

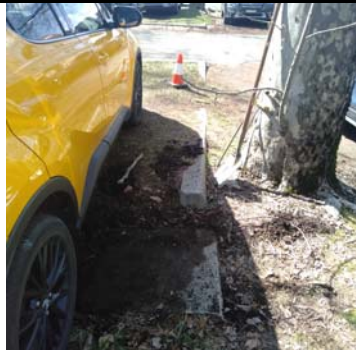
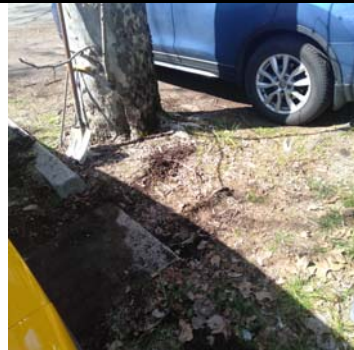
Stormwater & Sewer Hydraulics Investigation

	PIT DETAILS				
	PIT ID:	P97			
	SERVICE:	STORMWATER			
	STRUCTURE:	SUMP (QS) Inaccessible			
	EASTING:	212021.51			
	NORTHING:	600497.544			
	COVER LEVEL:	RL560.958			
	LAT/LONG:	35.31162875875247, 149.14269905537367			
	OBSERVER DETAILS				
	NAME:	Callum Green			
OBSERV' DATE:	8/23/2023 12:09:29				
DEVICE:	PHONE				
	PIPE DETAILS				
	PIPE COUNT:	1			
	DIR'N METHOD:	Magnetic			
PIPE INFORMATION					
PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	0	0	0	RL560.958
PIT IMAGES					
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INTERNAL A:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-23 12.11.01.jpg				
INTERNAL B:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-23 12.11.13.jpg				
INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\2023-08-23 12.11.23.jpg				
					



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation

	PIT DETAILS					
	PIT ID:		P98			
	SERVICE:		STORMWATER			
	STRUCTURE:		SUMP (QS) Inaccessible			
	EASTING:		212006.978			
	NORTHING:		600486.511			
	COVER LEVEL:		RL560.996			
	LAT/LONG:		35.31176090363979,149.14257 802069187			
	OBSERVER DETAILS					
	NAME:		Callum Green			
OBSERV' DATE:		8/23/2023 12:15:32				
DEVICE:		PHONE				
PIPE DETAILS						
PIPE COUNT:		1				
DIR'N METHOD:		Magnetic				
PIPE INFORMATION						
PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT	
1	OUTLET	0	0	0	RL560.996	
PIT IMAGES						
SURFACE:		\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-23 12.18.19.jpg				
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INTERNAL B:		\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-23 12.17.03.jpg				
INTERNAL C:		\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\2023-08-23 12.17.18.jpg				
						

KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P99
SERVICE:	STORMWATER
STRUCTURE:	SUMP (QS)
EASTING:	212033.752
NORTHING:	600507.108
COVER LEVEL:	RL560.62
LAT/LONG:	35.31155215292185, 149.1428418830037

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/23/2023 12:23:16
DEVICE:	PHONE

PIPE DETAILS

PIPE COUNT:	1
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	0.96	0.3	90	RL559.66

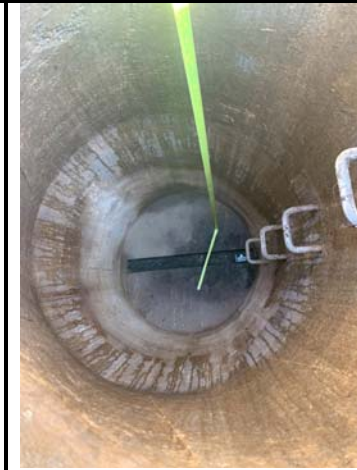
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KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation

	PIT DETAILS					
	PIT ID:		P100			
	SERVICE:		SEWER			
	STRUCTURE:		SMH			
	EASTING:		211976.702			
	NORTHING:		600562.719			
	COVER LEVEL:		RL559.76			
	LAT/LONG:		35.311041627926336,149.1422088816762			
	OBSERVER DETAILS					
	NAME:		Callum Green			
	OBSERV' DATE:		8/23/2023 17:35:22			
	DEVICE:		LS Tablet 1			
	PIPE DETAILS					
	PIPE COUNT:		2			
	DIR'N METHOD:		Magnetic			
PIPE INFORMATION						
PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT	
1	OUTLET	3.1	0.15	250	RL556.66	
2	INLET	3.09	0.15	70	RL556.67	
PIT IMAGES						
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INTERNAL B:		\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\IMG_7204.JPG				
INTERNAL C:		\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\IMG_7205.JPG				
						



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P101
SERVICE:	STORMWATER
STRUCTURE:	SUMP (QS)
EASTING:	212339.872
NORTHING:	600403.823
COVER LEVEL:	RL557.82
LAT/LONG:	35.31247278604731, 149.14620369672778

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/30/2023 16:48:16
DEVICE:	LS Tablet 1

PIPE DETAILS

PIPE COUNT:	2
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	0.91	0.375	150	RL556.91
2	INLET	0.68	0.3	330	RL557.14

PIT IMAGES

SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\IMG_2440.JPG
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INTERNAL C:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precinct Survey\HYDRAULICS\PHOTOS\IMG_2437.JPG



KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation



PIT DETAILS

PIT ID:	P102
SERVICE:	STORMWATER
STRUCTURE:	GRATED PIT Inaccessible
EASTING:	212323.154
NORTHING:	600437.186
COVER LEVEL:	RL557.789
LAT/LONG:	35.3121707429317,149.14601225405931

OBSERVER DETAILS

NAME:	Callum Green
OBSERV' DATE:	8/30/2023 16:53:14
DEVICE:	LS Tablet 1

PIPE DETAILS

PIPE COUNT:	1
DIR'N METHOD:	Magnetic

PIPE INFORMATION

PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT
1	OUTLET	0	0	0	RL557.789

PIT IMAGES

SURFACE:	\\SAASV2675\Shared Folders\Server\Jobs\23025 Kingston Arts Precint Survey\HYDRAULICS\PHOTOS\IMG_2446.JPG
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KINGSTON ARTS PRECINCT

Stormwater & Sewer Hydraulics Investigation

	PIT DETAILS					
	PIT ID:		P103			
	SERVICE:		SEWER			
	STRUCTURE:		SMH (Silted)			
	EASTING:		211958.384			
	NORTHING:		600558.772			
	COVER LEVEL:		RL559.589			
	LAT/LONG:		-35.3113107,149.1420757			
	OBSERVER DETAILS					
	NAME:		Joshua White			
	OBSERV' DATE:		8/10/2015 13:55			
	DEVICE:		LS Tablet 2			
	PIPE DETAILS					
	PIPE COUNT:		3			
	DIR'N METHOD:		Magnetic			
PIPE INFORMATION						
PIPE	FLOW	DEPTH	DIAMETER	DIR'N	INVERT	
1	OUTLET	0	0	0	RL559.589	
2	INLET					
3	INLET					
PIT IMAGES						
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