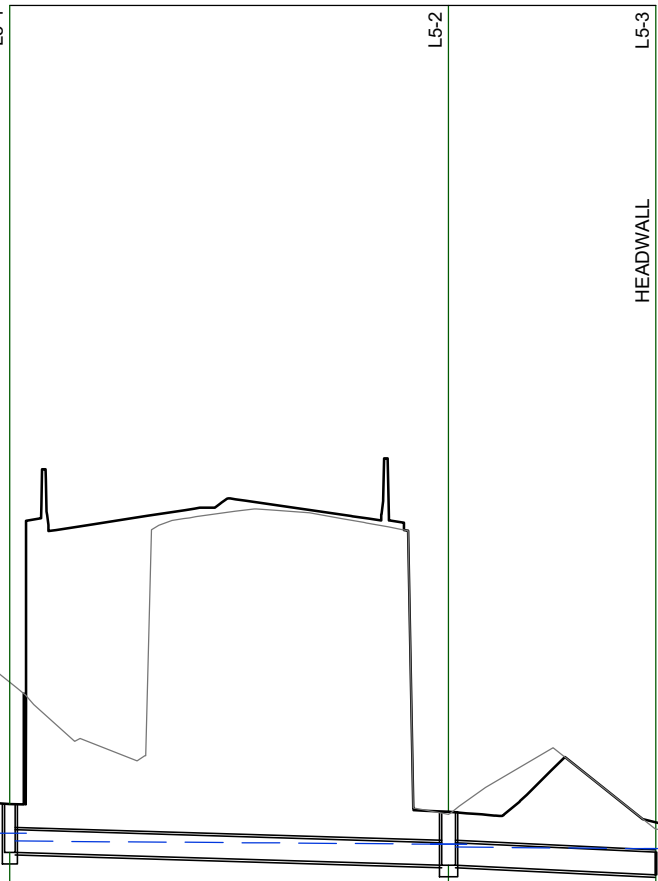


150 mm ON ORIGINAL

150
140
130
120
110
100
90
80
70
60
50
40
30
20
10
0

A1

PIPE SIZE (mm)
PIPE CLASS & TYPE
PIPE GRADE (%)



PIPE SIZE (mm)	300	300
PIPE CLASS & TYPE	RCP CLASS 4	RCP CLASS 4
PIPE GRADE (%)	0.59%	0.92%
NORMAL DEPTH VELOCITY (m/s)	1.05	1.31
PIPE FLOW (cumecs)	0.038	0.046
CAPACITY FLOW (cumecs)	0.074	0.093
DATUM RL	593.000	

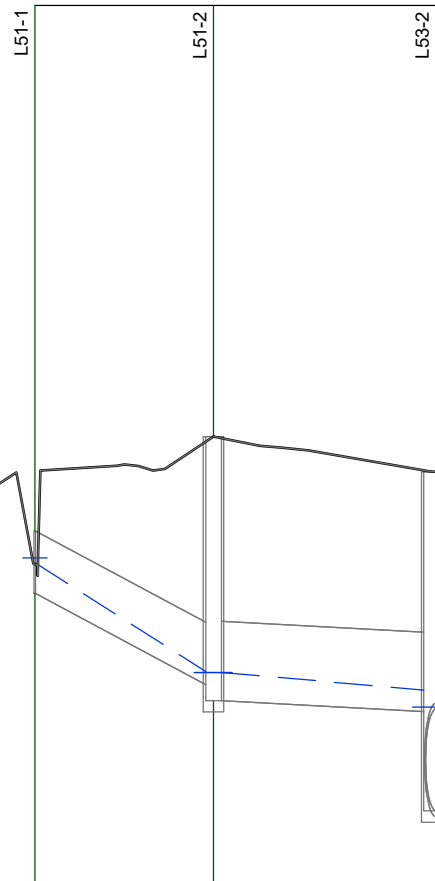
HGL IN PIPE & WSE IN STRUCTURE	598.504	598.402	598.360	598.322	598.300
FINISHED (& EXISTING). SURFACE LEVEL	598.889	(600.500)	598.789	(598.756)	598.649
DEPTH OF INVERT BELOW FSL	0.639	0.709	0.709	0.695	0.695
INVERT LEVEL	598.250	598.080	598.080	597.954	597.954
CHAINAGE	0.000	29.020	13.711m	42.731	

29.020m

13.711m

LINE

L5



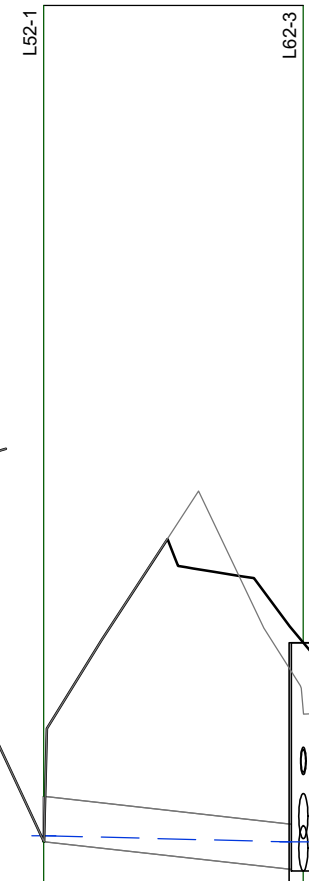
PIPE SIZE (mm)	825	1050
PIPE CLASS & TYPE	EXISTING	EXISTING
PIPE GRADE (%)	10.21%	1.00%
NORMAL DEPTH VELOCITY (m/s)	5.45	2.33
PIPE FLOW (cumecs)	0.448	0.447
CAPACITY FLOW (cumecs)	4.605	2.732
DATUM RL	570.000	

HGL IN PIPE & WSE IN STRUCTURE	579.148	579.076	577.644	577.630	577.399	577.174	577.151
FINISHED (& EXISTING). SURFACE LEVEL	579.061		580.750		580.283		
DEPTH OF INVERT BELOW FSL	0.385		3.280	3.491	3.171		4.483
INVERT LEVEL	578.676		577.470	577.259	577.112		575.800
CHAINAGE	0.000	11.822			26.520		

11.822m

14.698m

L51

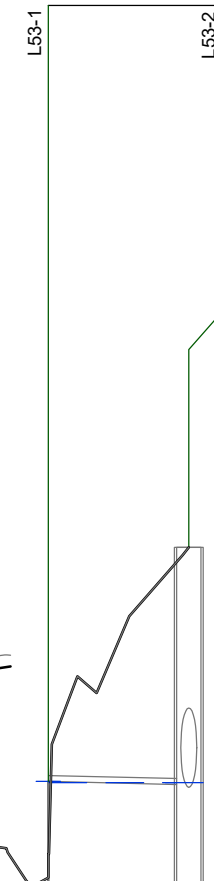


PIPE SIZE (mm)	600
PIPE CLASS & TYPE	EXISTING
PIPE GRADE (%)	2.14%
NORMAL DEPTH VELOCITY (m/s)	1.22
PIPE FLOW (cumecs)	0.016
CAPACITY FLOW (cumecs)	0.902
DATUM RL	627.000

HGL IN PIPE & WSE IN STRUCTURE	632.472	632.389	632.373
FINISHED (& EXISTING). SURFACE LEVEL	632.400	635.024	(634.130)
DEPTH OF INVERT BELOW FSL	0.008	2.999	3.019
INVERT LEVEL	632.392	632.025	632.005
CHAINAGE	0.000	17.166	

17.166m

L52



PIPE SIZE (mm)	(2x)1350
PIPE CLASS & TYPE	EXISTING PIPE TO BE RETAINED
PIPE GRADE (%)	0.43%
NORMAL DEPTH VELOCITY (m/s)	5.71
PIPE FLOW (cumecs)	3.651
CAPACITY FLOW (cumecs)	7.034
DATUM RL	571.000

HGL IN PIPE & WSE IN STRUCTURE	577.190	577.173	577.174
FINISHED (& EXISTING). SURFACE LEVEL	576.230		580.283
DEPTH OF INVERT BELOW FSL	0.390		4.483
INVERT LEVEL	575.840		575.800
CHAINAGE	0.000	9.292	

9.292m

L53

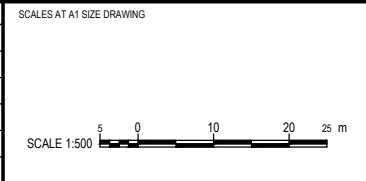
DR

DRAWING FILE LOCATION / NAME
V:\Vault\Projects\3002750\CAD\DWG\07_DD_Drainage\3002750-DD-1534.dwg

REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL	TITLE	NAME
A		#REF!	#REF!	#REF!	DRAFTER	N. BROOKE-TAYLOR
		#REF!	#REF!	#REF!	DRAFTING CHECK	X. SECUBAN
		#REF!	#REF!	#REF!	DESIGNER	M. RAHMAN
		#REF!	#REF!	#REF!	DESIGN CHECK	D. DONGOL
		#REF!	#REF!	#REF!	PROJECT MANAGER	K. DECANHA
		#REF!	#REF!	#REF!	PROJECT DIRECTOR	T. VAN NIEKERK

PLOT DATE
15 Mar 2024

TIME 13:09:51



DESIGNER

Member of the Surlana Jurong Group
ABN 47 065 475 149

LEVEL 9, 12 MOORE STREET
CANBERRA ACT 2601 AUSTRALIA
SMEC PROJECT No 3002750

CLIENT

Transport Canberra & City Services

PROJECT TITLE
WILLIAM HOVELL DRIVE DUPLICATION

DRAINAGE
LONGITUDINAL SECTION
SHEET 24

SCALE AS SHOWN	PHASE DETAIL DESIGN	PROJECT / DRAWING No. 3002750-DD-1534	REVISION A
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