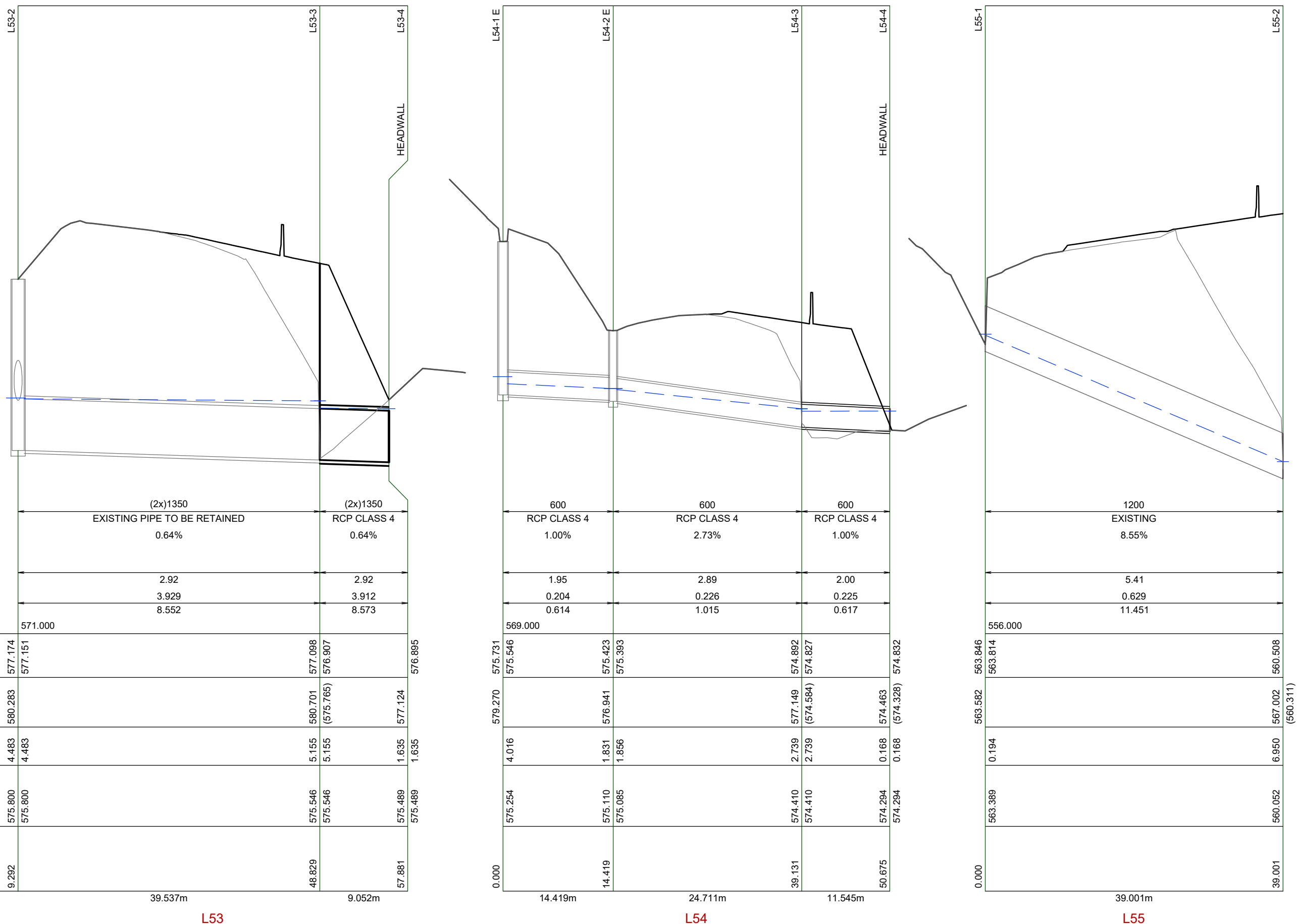


150 mm ON ORIGINAL
A1



PIPE SIZE (mm)	(2x)1350	(2x)1350
PIPE CLASS & TYPE	EXISTING PIPE TO BE RETAINED	RCP CLASS 4
PIPE GRADE (%)	0.64%	0.64%
NORMAL DEPTH VELOCITY (m/s)	2.92	2.92
PIPE FLOW (cumecs)	3.929	3.912
CAPACITY FLOW (cumecs)	8.552	8.573
DATUM RL	571.000	
HGL IN PIPE & WSE IN STRUCTURE	577.174 577.151	577.098 576.907
FINISHED (& EXISTING). SURFACE LEVEL	580.283	580.701 (575.765) 577.124
DEPTH OF INVERT BELOW FSL	4.483 4.483	5.155 5.155
INVERT LEVEL	575.800 575.800	575.546 575.546
CHAINAGE	9.292	48.829 57.881

PIPE SIZE (mm)	600	600	600
PIPE CLASS & TYPE	RCP CLASS 4	RCP CLASS 4	RCP CLASS 4
PIPE GRADE (%)	1.00%	2.73%	1.00%
NORMAL DEPTH VELOCITY (m/s)	1.95	2.89	2.00
PIPE FLOW (cumecs)	0.204	0.226	0.225
CAPACITY FLOW (cumecs)	0.614	1.015	0.617
DATUM RL	569.000		
HGL IN PIPE & WSE IN STRUCTURE	579.270 575.546	575.423 575.393	574.892 574.827
FINISHED (& EXISTING). SURFACE LEVEL	579.270	576.941 (574.584)	574.463 (574.328)
DEPTH OF INVERT BELOW FSL	4.016	1.831 1.856	2.739 2.739
INVERT LEVEL	575.254	575.110 575.085	574.410 574.410
CHAINAGE	0.000	14.419	39.131 50.675

PIPE SIZE (mm)	1200
PIPE CLASS & TYPE	EXISTING
PIPE GRADE (%)	8.55%
NORMAL DEPTH VELOCITY (m/s)	5.41
PIPE FLOW (cumecs)	0.629
CAPACITY FLOW (cumecs)	11.451
DATUM RL	556.000
HGL IN PIPE & WSE IN STRUCTURE	563.846 563.814
FINISHED (& EXISTING). SURFACE LEVEL	563.582
DEPTH OF INVERT BELOW FSL	0.194
INVERT LEVEL	563.389
CHAINAGE	0.000 39.001

LINE **L53** **L54** **L55**

DRAWING FILE LOCATION / NAME V:\Vault\Projects\3002750\CAD\DWG\07_DD_Drainage\3002750-DD-1535.dwg		PLOT DATE 15 Mar 2024		TIME 13:10:32	
EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
	A	#REF!	#REF!	#REF!	#REF!

TITLE	NAME
DRAFTER	N. BROOKE-TAYLOR
DRAFTING CHECK	X. SECUBAN
DESIGNER	M. RAHMAN
DESIGN CHECK	D. DONGOL
PROJECT MANAGER	K. DECANHA
PROJECT DIRECTOR	T. VAN NIEKERK

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CANBERRA ACT 2601 AUSTRALIA
SMEC PROJECT No 3002750

CLIENT
ACT Government
Transport Canberra & City Services

PROJECT TITLE WILLIAM HOVELL DRIVE DUPLICATION			
DRAINAGE LONGITUDINAL SECTION SHEET 25			
SCALE AS SHOWN	PHASE DETAIL DESIGN	PROJECT / DRAWING No. 3002750-DD-1535	REVISION A

DR

