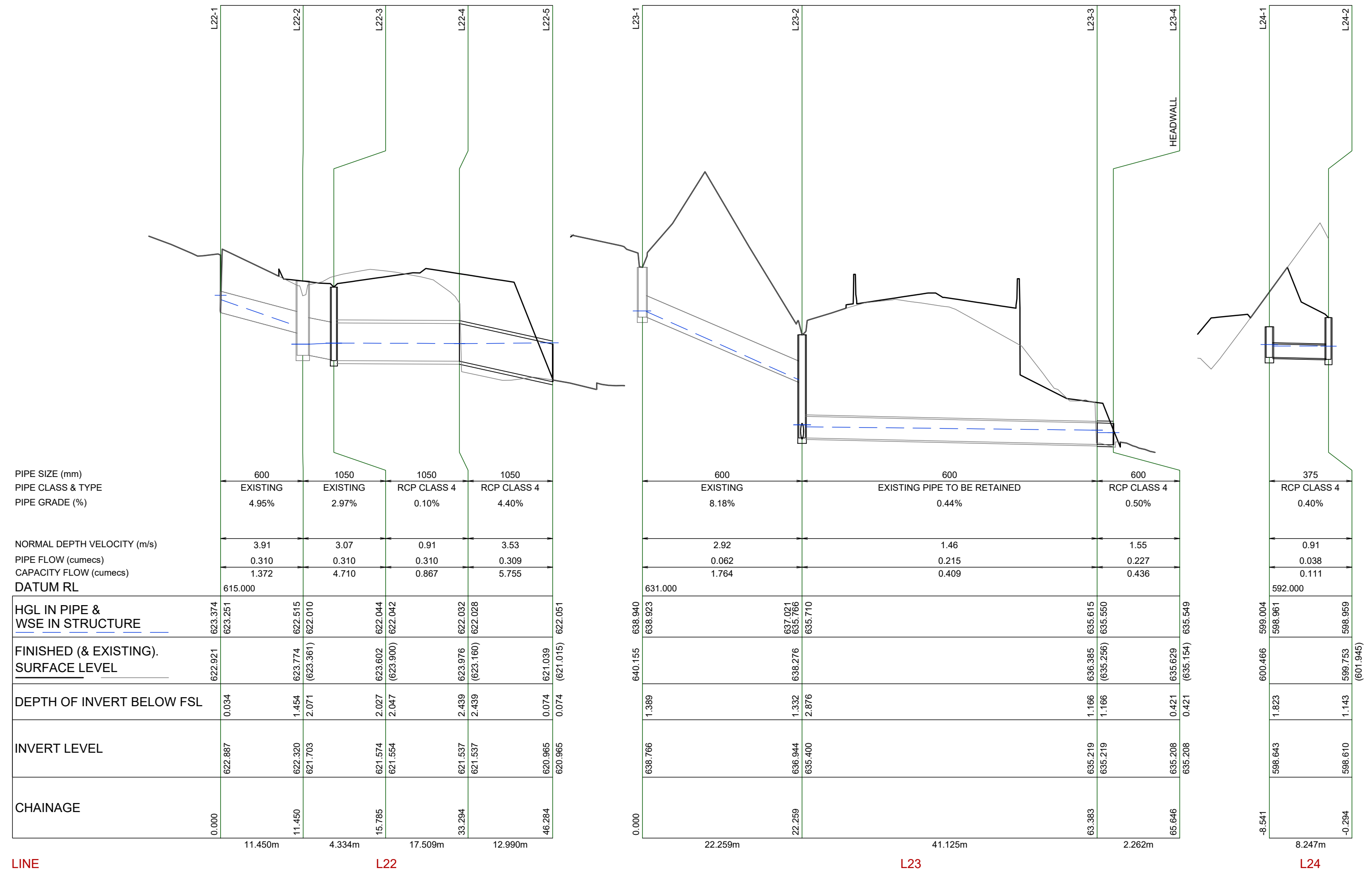


150 mm ON ORIGINAL  
A1



PIPE SIZE (mm)	600	1050	1050	1050
PIPE CLASS & TYPE	EXISTING	EXISTING	RCP CLASS 4	RCP CLASS 4
PIPE GRADE (%)	4.95%	2.97%	0.10%	4.40%
NORMAL DEPTH VELOCITY (m/s)	3.91	3.07	0.91	3.53
PIPE FLOW (cumecs)	0.310	0.310	0.310	0.309
CAPACITY FLOW (cumecs)	1.372	4.710	0.867	5.755
DATUM RL	615.000			
HGL IN PIPE & WSE IN STRUCTURE	623.374 623.251	622.515 622.010	622.044 622.042	622.032 622.028
FINISHED (& EXISTING). SURFACE LEVEL	622.921	623.774 (623.361)	623.602 (623.900)	623.976 (623.160)
DEPTH OF INVERT BELOW FSL	0.034	1.454 2.071	2.027 2.047	2.439 2.439
INVERT LEVEL	622.887	622.320 621.703	621.574 621.554	621.537 621.537
CHAINAGE	0.000	11.450	15.785	33.294
	11.450m	4.334m	17.509m	12.990m

PIPE SIZE (mm)	600	600	600
PIPE CLASS & TYPE	EXISTING	EXISTING PIPE TO BE RETAINED	RCP CLASS 4
PIPE GRADE (%)	8.18%	0.44%	0.50%
NORMAL DEPTH VELOCITY (m/s)	2.92	1.46	1.55
PIPE FLOW (cumecs)	0.062	0.215	0.227
CAPACITY FLOW (cumecs)	1.764	0.409	0.436
DATUM RL	631.000		
HGL IN PIPE & WSE IN STRUCTURE	638.940 638.923	637.021 635.766 635.710	635.615 635.550
FINISHED (& EXISTING). SURFACE LEVEL	640.155	638.276	636.385 (635.256)
DEPTH OF INVERT BELOW FSL	1.389	1.332 2.876	1.166 1.166
INVERT LEVEL	638.766	636.944 635.400	635.219 635.219
CHAINAGE	0.000	22.259	63.383
	22.259m	41.125m	2.262m

PIPE SIZE (mm)	375
PIPE CLASS & TYPE	RCP CLASS 4
PIPE GRADE (%)	0.40%
NORMAL DEPTH VELOCITY (m/s)	0.91
PIPE FLOW (cumecs)	0.038
CAPACITY FLOW (cumecs)	0.111
DATUM RL	592.000
HGL IN PIPE & WSE IN STRUCTURE	599.004 598.961
FINISHED (& EXISTING). SURFACE LEVEL	600.466
DEPTH OF INVERT BELOW FSL	1.823
INVERT LEVEL	598.643
CHAINAGE	-8.541
	8.247m

DRAWING FILE LOCATION / NAME V:\Vault\Projects\3002750\CAD\DWG\07_DD_Drainage\3002750-DD-1522.dwg		PLOT DATE 15 Mar 2024		TIME 13:02:09	
EXTERNAL REFERENCE FILES	REV A	DATE #REF!	AMENDMENT / REVISION DESCRIPTION #REF!	WVR No. #REF!	APPROVAL #REF!

APPROVAL	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

SCALES AT A1 SIZE DRAWING

SCALE 1:500

DESIGNER  
**SMEC**  
Member of the Surbana Jurong Group  
ABN 47 065 475 149  
LEVEL 9, 12 MOORE STREET  
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 12**

SCALE AS SHOWN	PHASE DETAIL DESIGN	PROJECT / DRAWING No. 3002750-DD-1522	REVISION A
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