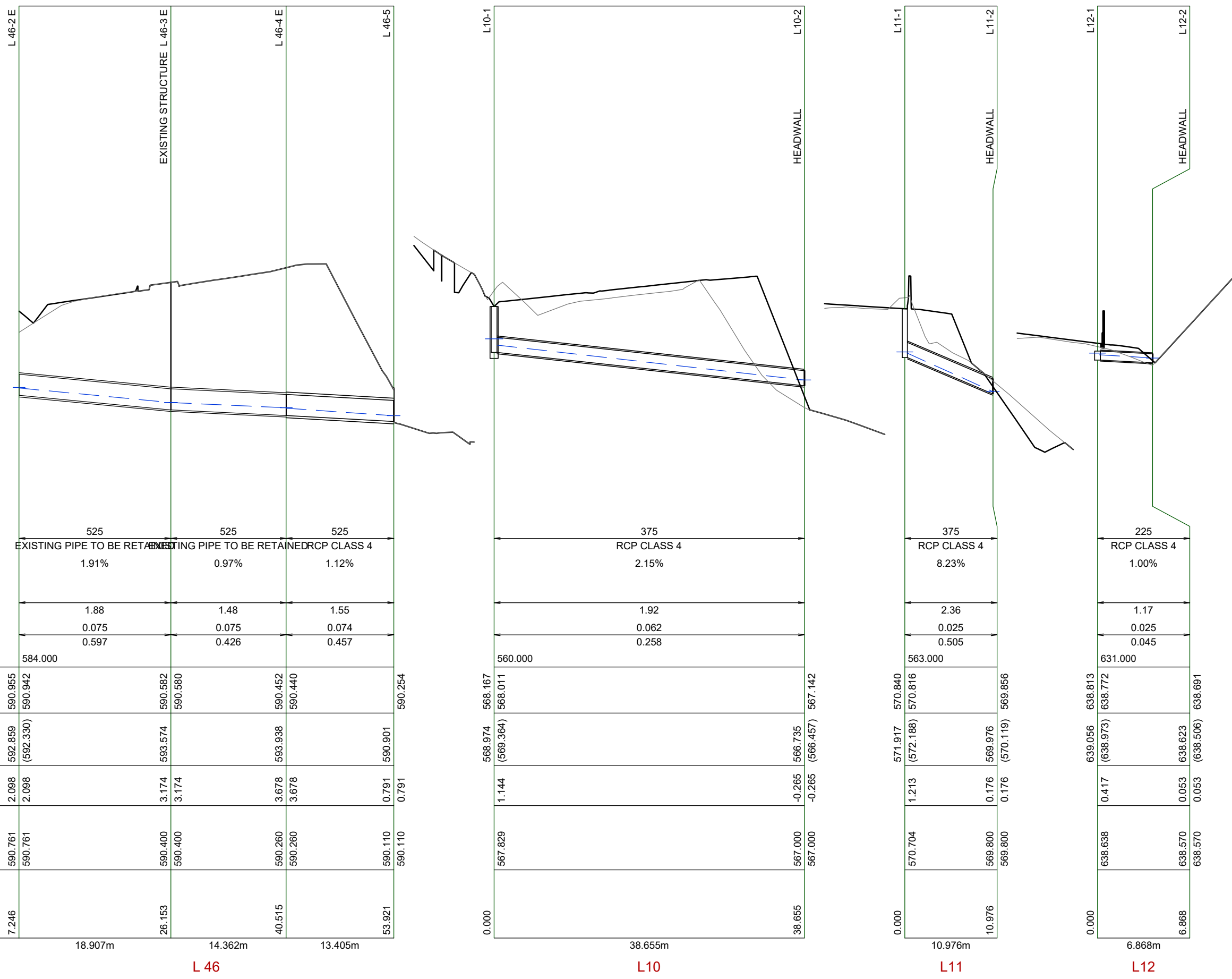


150 mm ON ORIGINAL
A1



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

NORMAL DEPTH VELOCITY (m/s)
PIPE FLOW (cumecs)
CAPACITY FLOW (cumecs)
DATUM RL

	L 46-2 E	L 46-3 E	L 46-4 E	L 46-5
PIPE SIZE (mm)	525	525	525	
PIPE CLASS & TYPE	EXISTING PIPE TO BE RETAINED	EXISTING PIPE TO BE RETAINED	RCP CLASS 4	
PIPE GRADE (%)	1.91%	0.97%	1.12%	
NORMAL DEPTH VELOCITY (m/s)	1.88	1.48	1.55	
PIPE FLOW (cumecs)	0.075	0.075	0.074	
CAPACITY FLOW (cumecs)	0.597	0.426	0.457	
DATUM RL	584.000			
HGL IN PIPE & WSE IN STRUCTURE	590.955 590.942	590.582 590.580	590.452 590.440	590.254
FINISHED (& EXISTING). SURFACE LEVEL	592.859 (592.330)	593.574	593.938	590.901
DEPTH OF INVERT BELOW FSL	2.098 2.098	3.174 3.174	3.678 3.678	0.791 0.791
INVERT LEVEL	590.761 590.761	590.400 590.400	590.260 590.260	590.110 590.110
CHAINAGE	7.246	26.153	40.515	53.921

LINE L 46
18.907m 14.362m 13.405m

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

NORMAL DEPTH VELOCITY (m/s)
PIPE FLOW (cumecs)
CAPACITY FLOW (cumecs)
DATUM RL

	L10-1	L10-2
PIPE SIZE (mm)	375	
PIPE CLASS & TYPE	RCP CLASS 4	
PIPE GRADE (%)	2.15%	
NORMAL DEPTH VELOCITY (m/s)	1.92	
PIPE FLOW (cumecs)	0.062	
CAPACITY FLOW (cumecs)	0.258	
DATUM RL	560.000	
HGL IN PIPE & WSE IN STRUCTURE	568.974 568.167 568.011	566.735 567.142
FINISHED (& EXISTING). SURFACE LEVEL	568.974 (569.364)	566.735 (566.457)
DEPTH OF INVERT BELOW FSL	1.144 -0.265 -0.265	
INVERT LEVEL	567.829 567.000 567.000	567.000 567.000
CHAINAGE	0.000	38.655

LINE L10
38.655m

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

NORMAL DEPTH VELOCITY (m/s)
PIPE FLOW (cumecs)
CAPACITY FLOW (cumecs)
DATUM RL

	L11-1	L11-2
PIPE SIZE (mm)	375	
PIPE CLASS & TYPE	RCP CLASS 4	
PIPE GRADE (%)	8.23%	
NORMAL DEPTH VELOCITY (m/s)	2.36	
PIPE FLOW (cumecs)	0.025	
CAPACITY FLOW (cumecs)	0.505	
DATUM RL	563.000	
HGL IN PIPE & WSE IN STRUCTURE	571.917 570.840 570.816	569.976 569.856
FINISHED (& EXISTING). SURFACE LEVEL	571.917 (572.188)	569.976 (570.119)
DEPTH OF INVERT BELOW FSL	1.213 0.176 0.176	
INVERT LEVEL	570.704 569.800 569.800	569.800 569.800
CHAINAGE	0.000	10.976

LINE L11
10.976m

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

NORMAL DEPTH VELOCITY (m/s)
PIPE FLOW (cumecs)
CAPACITY FLOW (cumecs)
DATUM RL

	L12-1	L12-2
PIPE SIZE (mm)	225	
PIPE CLASS & TYPE	RCP CLASS 4	
PIPE GRADE (%)	1.00%	
NORMAL DEPTH VELOCITY (m/s)	1.17	
PIPE FLOW (cumecs)	0.025	
CAPACITY FLOW (cumecs)	0.045	
DATUM RL	631.000	
HGL IN PIPE & WSE IN STRUCTURE	639.056 638.813 638.772	638.623 638.691
FINISHED (& EXISTING). SURFACE LEVEL	639.056 (638.973)	638.623 (638.506)
DEPTH OF INVERT BELOW FSL	0.417 0.053 0.053	
INVERT LEVEL	638.638 638.570 638.570	638.570 638.570
CHAINAGE	0.000	6.868

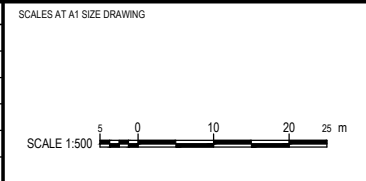
LINE L12
6.868m

DR

DRAWING FILE LOCATION / NAME
V:\Vault\Projects\3002750\CAD\DWG\07_DD_Drainage\3002750-DD-1516.dwg

REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL	TITLE	NAME
A	#REF!	#REF!	#REF!	#REF!	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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DESIGNER

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

Transport Canberra & City Services

PROJECT TITLE
WILLIAM HOVELL DRIVE DUPLICATION

DRAINAGE
LONGITUDINAL SECTION
SHEET 6

SCALE AS SHOWN	PHASE DETAIL DESIGN	PROJECT / DRAWING No. 3002750-DD-1516	REVISION A
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