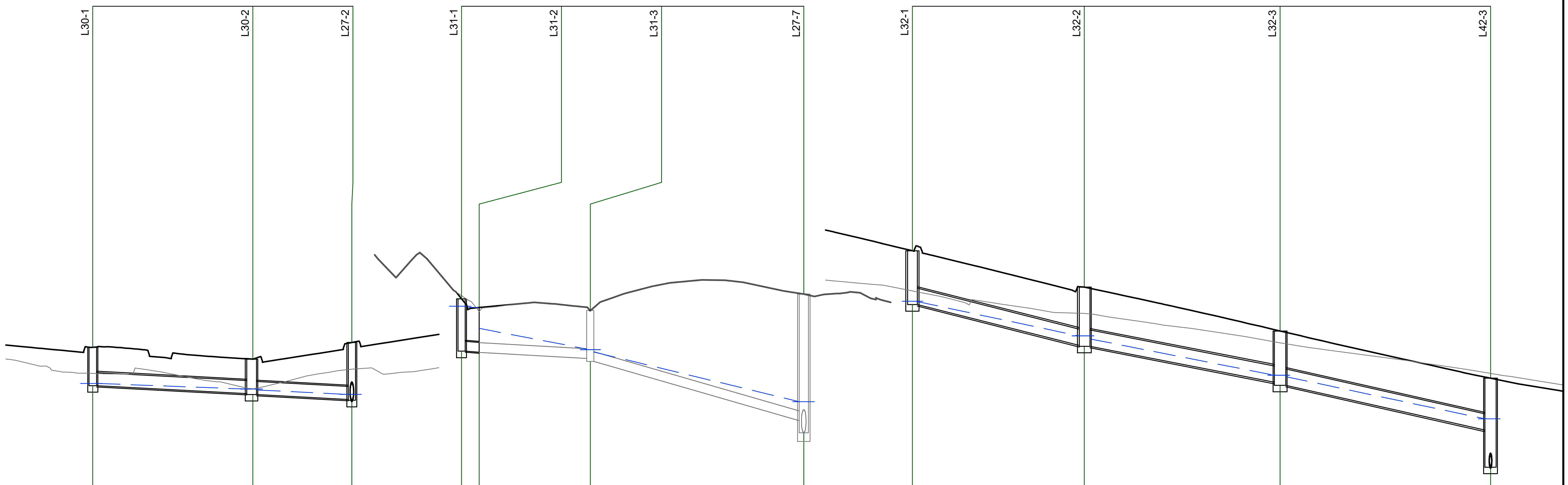

LINE L30

	L30-1 → L30-2	L30-2 → L27-2
PIPE SIZE (mm)	300	300
PIPE CLASS & TYPE	RCP CLASS 4	RCP CLASS 4
PIPE GRADE (%)	1.00%	1.00%
NORMAL DEPTH VELOCITY (m/s)	0.69	1.05
PIPE FLOW (cumecs)	0.004	0.018
CAPACITY FLOW (cumecs)	0.097	0.097
Length	18.411m	11.386m

DATUM RL 622.000

	L30-1		L30-2		L27-2	
HGL IN PIPE & WSE IN STRUCTURE	629.776	629.774	629.645 629.646	629.624	629.522 629.524	629.514
FINISHED (& EXISTING). SURFACE LEVEL	630.608	(630.007)	630.335	(629.650)	630.718	(630.103)
DEPTH OF INVERT BELOW FSL		0.883	0.794	0.814	1.311	1.331
INVERT LEVEL		629.725	629.541	629.521	629.407	629.387
CHAINAGE	-22.987		-4.576		6.810	

LINE L31

	L31-1 → L31-2	L31-2 → L31-3	L31-3 → L27-7
PIPE SIZE (mm)	225	225	225
PIPE CLASS & TYPE	RCP CLASS 4	EXISTING	EXISTING
PIPE GRADE (%)	1.10%	1.10%	5.54%
NORMAL DEPTH VELOCITY (m/s)	1.11	2.31	2.99
PIPE FLOW (cumecs)	0.018	0.092	0.091
CAPACITY FLOW (cumecs)	0.047	0.047	0.106
Length	2.037m	12.771m	24.552m

DATUM RL 614.000

	L31-1		L31-2		L31-3		L27-7	
HGL IN PIPE & WSE IN STRUCTURE	623.552	623.526	623.522	623.043	622.568 622.554	622.499	621.356	621.179
FINISHED (& EXISTING). SURFACE LEVEL	623.723	(623.793)	623.522	(623.430)	623.453		623.833	
DEPTH OF INVERT BELOW FSL		1.206	1.027	1.032	1.103	1.173	2.913	3.193
INVERT LEVEL		622.517	622.495	622.490	622.350	622.280	620.920	620.640
CHAINAGE	0.000		2.037		14.808		39.360	

LINE L32

	L32-1 → L32-2	L32-2 → L32-3	L32-3 → L42-3
PIPE SIZE (mm)	375	375	375
PIPE CLASS & TYPE	RCP CLASS 4	RCP CLASS 4	RCP CLASS 4
PIPE GRADE (%)	4.76%	3.67%	4.26%
NORMAL DEPTH VELOCITY (m/s)	1.52	2.25	2.59
PIPE FLOW (cumecs)	0.011	0.056	0.075
CAPACITY FLOW (cumecs)	0.383	0.336	0.362
Length	19.764m	22.521m	24.201m

DATUM RL 618.000

	L32-1		L32-2		L32-3		L42-3	
HGL IN PIPE & WSE IN STRUCTURE	627.667	627.663	626.868	626.800	625.964	625.932	624.961 624.962	624.685
FINISHED (& EXISTING). SURFACE LEVEL	628.827	(627.902)	627.991	(627.387)	626.982	(626.709)	625.895	(626.005)
DEPTH OF INVERT BELOW FSL		1.238	1.342	1.362	1.179	1.250	1.194	2.046
INVERT LEVEL		627.590	626.649	626.629	625.802	625.732	624.701	623.848
CHAINAGE	-21.168		-1.404		21.118		45.319	

DR

DRAWING FILE LOCATION / NAME: V:_Vault\Projects\3002750\CAD\DWG\07_DD_Drainage\3002750-DD-1528.dwg

PLOT DATE: 15 Mar 2024 TIME: 13:05:59

EXTERNAL REFERENCE FILES: X_3002750_SMEC_a1, X_LS_SW

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

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

SCALES AT A1 SIZE DRAWING: SCALE 1:500 (5 0 10 20 25 m)

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 18

SCALE: AS SHOWN | PHASE: DETAIL DESIGN | PROJECT / DRAWING No.: 3002750-DD-1528 | REVISION: A

A1 — 150 mm ON ORIGINAL