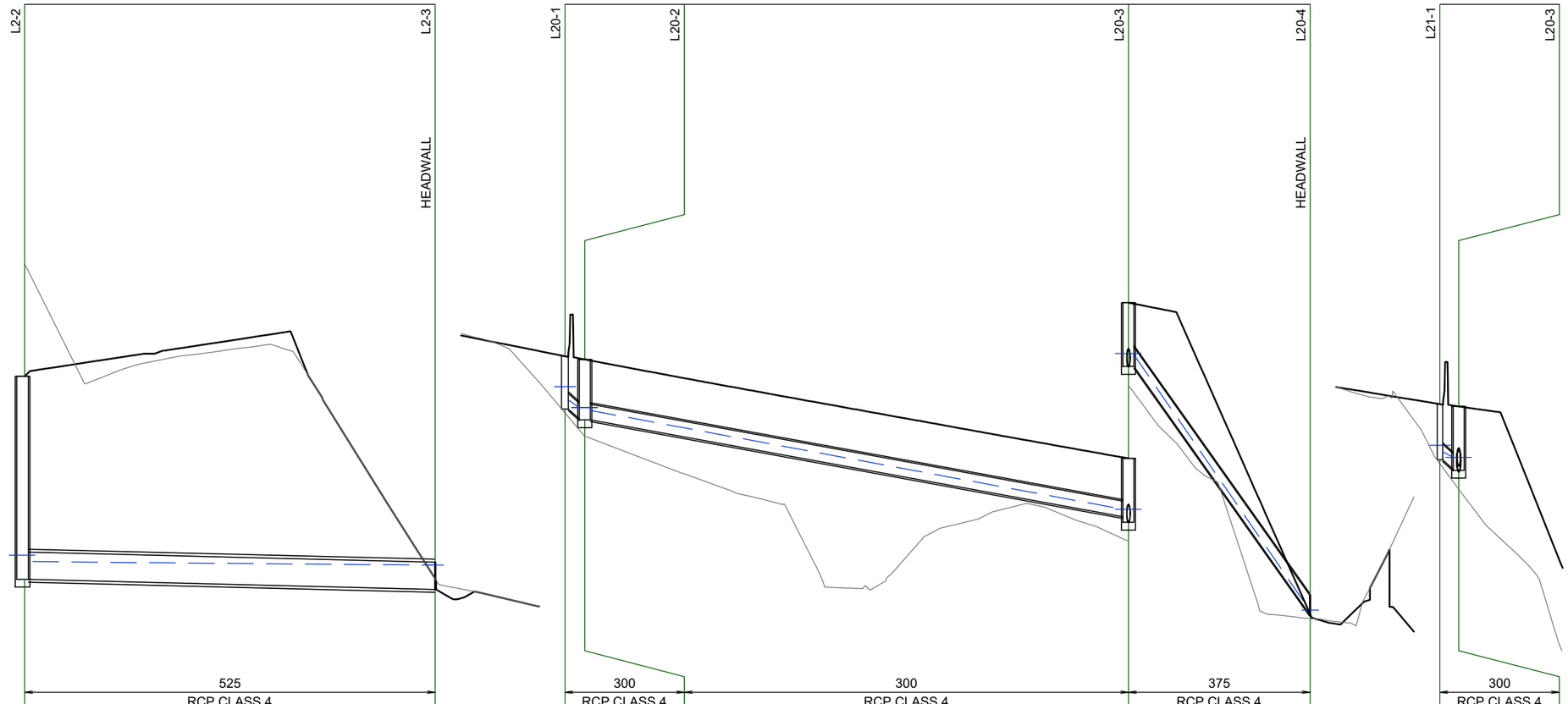

	L2	L20			L21
PIPE SIZE (mm)	525	300	300	375	300
PIPE CLASS & TYPE	RCP CLASS 4	RCP CLASS 4	RCP CLASS 4	RCP CLASS 4	RCP CLASS 4
PIPE GRADE (%)	0.49%	10.00%	3.56%	27.29%	10.00%
NORMAL DEPTH VELOCITY (m/s)	1.50	3.28	2.26	5.36	3.02
PIPE FLOW (cumecs)	0.210	0.055	0.055	0.095	0.042
CAPACITY FLOW (cumecs)	0.302	0.306	0.183	0.920	0.306
DATUM RL	589.000	578.000		575.000	577.000

HGL IN PIPE & WSE IN STRUCTURE	594.816 594.840	594.715	594.648	587.087	586.839	586.678 586.683	586.629	584.724	584.700	579.782	584.956	584.833	584.724	584.700
FINISHED (& EXISTING). SURFACE LEVEL	598.286	(600.439)	594.386	587.672	(586.581)	587.610	(586.126)	585.705	(584.111)	579.704 (579.620)	585.750	(584.602)	585.705	(584.111)
DEPTH OF INVERT BELOW FSL	3.886	3.912	0.206 0.206		1.015	1.144	1.164	1.125	1.231	0.004 0.004		1.075	1.211	1.231
INVERT LEVEL	594.399	594.374	594.180 594.180		586.657	586.466	586.446	584.579	584.474	579.700 579.700		584.675	584.494	584.474
CHAINAGE	104.330		143.865	0.000		1.904		54.277		71.771	0.000		1.816	
		39.535m			1.904m		52.373m			17.494m		1.816m		
LINE		L2					L20					L21		

DR

DRAWING FILE LOCATION / NAME	PLOT DATE	TIME
V:_Vault\Projects\3002750\CAD\DWG\07_DD_Drainage\3002750-DD-1521.dwg	15 Mar 2024	13:01:33

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. 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 11

SCALE	PHASE	PROJECT / DRAWING No.	REVISION
AS SHOWN	DETAIL DESIGN	3002750-DD-1521	A

150 mm ON ORIGINAL
A1
X_3002750_SMEC_a1
X_LS_SW