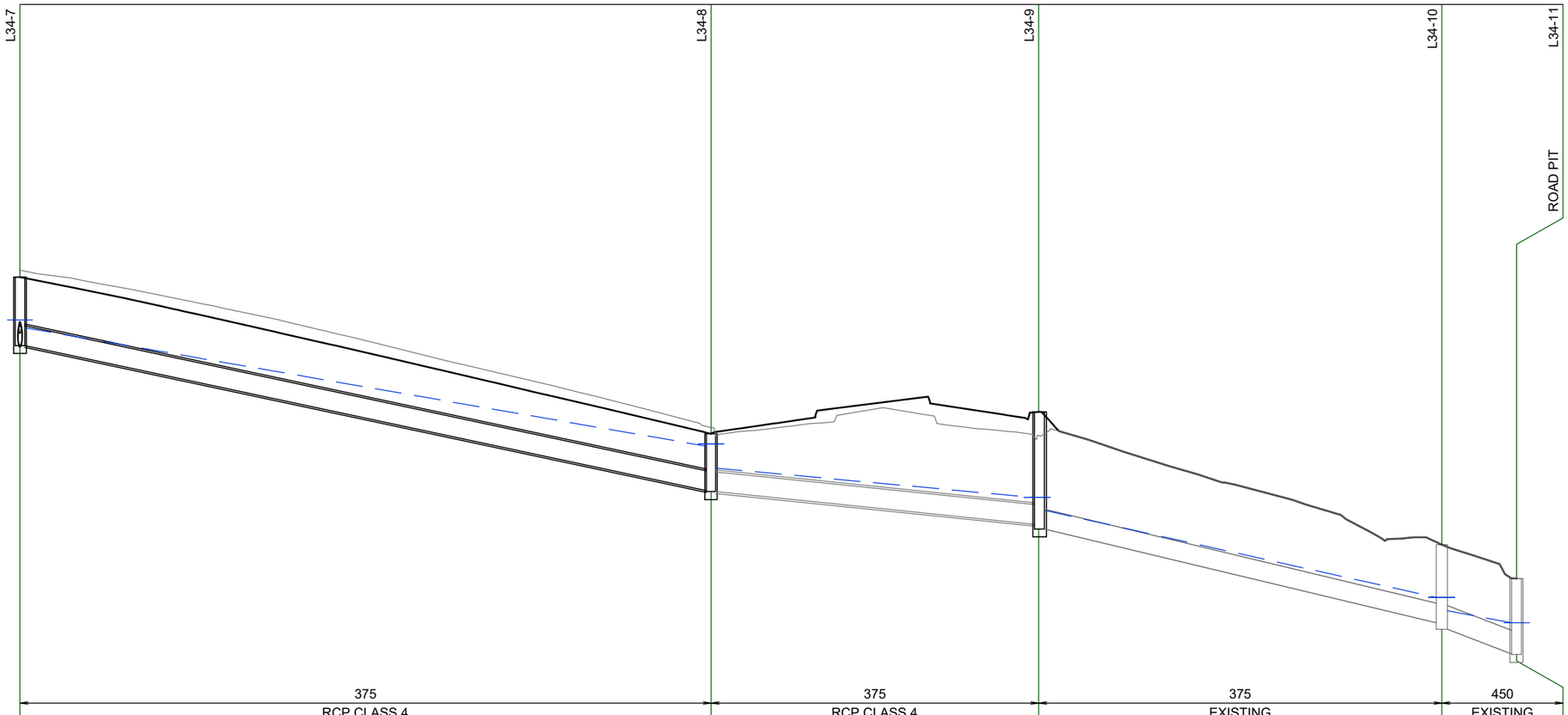

PIPE SIZE (mm)		375					375			375			450		
PIPE CLASS & TYPE		RCP CLASS 4					RCP CLASS 4			EXISTING			EXISTING		
PIPE GRADE (%)		4.19%					2.00%			4.65%			6.62%		
NORMAL DEPTH VELOCITY (m/s)		3.43					2.55			3.67			4.17		
PIPE FLOW (cumecs)		0.225					0.234			0.254			0.250		
CAPACITY FLOW (cumecs)		0.359					0.248			0.378			0.734		
DATUM RL		617.000													
HGL IN PIPE & WSE IN STRUCTURE	627.467	627.318				625.071	625.119	624.656		624.102	623.850		622.203	621.951	621.721
FINISHED (& EXISTING). SURFACE LEVEL	628.278	(628.410)				625.307		(625.422)		625.724	(625.278)		623.202		622.560
DEPTH OF INVERT BELOW FSL	1.188	1.298				1.077		1.097		2.134	2.224		1.482	1.602	1.430
INVERT LEVEL	627.089	626.980				624.230		624.210		623.590	623.500		621.720	621.600	621.130
CHAINAGE	220.037					285.602				316.676			354.921		362.017
		65.565m						31.074m			38.245m			7.096m	

LINE

EXT-L34

DR

150 mm ON ORIGINAL

DRAWING FILE LOCATION / NAME	PLOT DATE	TIME
V:_Vault\Projects\3002750\CAD\DWG\07_DD_Drainage\3002750-DD-1513.dwg	15 Mar 2024	12:56:29

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 3

SCALE	PHASE	PROJECT / DRAWING No.	REVISION
AS SHOWN	DETAIL DESIGN	3002750-DD-1513	A

A1

X_3002750_SMEC_a1
X_LS_SW