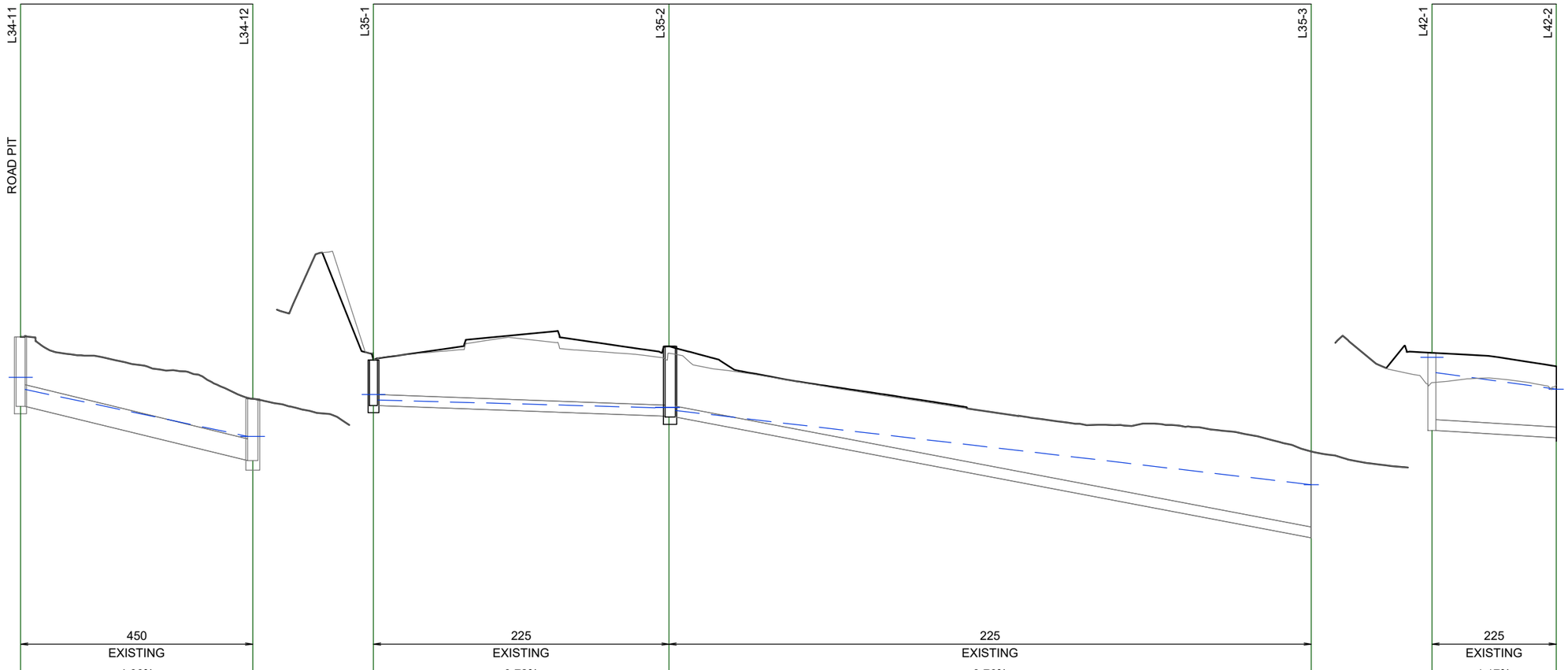

	L34-11	L34-12	L35-1	L35-2	L35-3	L42-1	L42-2
PIPE SIZE (mm)	450		225			225	
PIPE CLASS & TYPE	EXISTING		EXISTING		EXISTING	EXISTING	
PIPE GRADE (%)	4.66%		0.72%		3.76%	1.17%	
NORMAL DEPTH VELOCITY (m/s)	3.66		0.96		1.93	1.85	
PIPE FLOW (cumecs)	0.249		0.019		0.027	0.073	
CAPACITY FLOW (cumecs)	0.616		0.038		0.087	0.048	
DATUM RL	613.000		613.000			617.000	
HGL IN PIPE & WSE IN STRUCTURE	621.721 621.471	620.500	621.366 621.254	621.089 621.099 621.037	619.500	626.138 625.821	625.477
FINISHED (& EXISTING). SURFACE LEVEL	622.560	621.277	622.083 (622.212)	622.366 (622.222)	620.186	626.230 (625.613)	625.951 (625.561)
DEPTH OF INVERT BELOW FSL	1.430 1.440	1.277 1.277	0.943	1.446 1.466	1.786 1.786	1.610	1.481
INVERT LEVEL	621.130 621.120	620.000 620.000	621.140	620.920 620.900	618.400 618.400	624.620	624.470
CHAINAGE	362.017	386.050	0.000	30.600	97.103	0.000	12.872
	24.033m		30.600m		66.503m	12.872m	
	LINE	EXT-L34		EXT-L35		EXT-L42	

DR

150 mm ON ORIGINAL

A1

X_3002750_SMEC_sf
X_LS_SW

DRAWING FILE LOCATION / NAME: V:_Vault\Projects\3002750\CAD\DWG\07_DD_Drainage\3002750-DD-1514.dwg

PLOT DATE: 15 Mar 2024 TIME: 12:57:05

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 4

SCALE	PHASE	PROJECT / DRAWING No.	REVISION
AS SHOWN	DETAIL DESIGN	3002750-DD-1514	A