

This design and drawing shall only be used for the purpose for which it was supplied and shall not be altered or reproduced without the permission of Envelope Engineering Limited. No liability shall be accepted for unauthorised use of this design and drawing.

REVISIONS:

REV	NOTES	BY	DATE
R1	ISSUED FOR RESOURCE CONSENT	PWJ	22-10-2026

PROJECT:

NEW CENTRAL PARK LIMITED
77 KAPITI ROAD, PARAPARAUMU
KAPITI

TITLE:

EXISTING CULVERT LOCATION PLAN

ENVELOPE
WWW.ENVELOPE-ENG.CO.NZ

DESIGNED: LF
DRAWN: SKR
CHECKED: ADJ
PLOT DATE: 22-10-2026
SCALE A1: 1:1500
SCALE A3: 1:3000
STATUS: RESOURCE CONSENT

PROJECT No: 1942-02
DRAWING No: 4190
REVISION: R1



This design and drawing shall only be used for the purpose for which it was supplied and shall not be altered or reproduced without the permission of Envelope Engineering Limited. No liability shall be accepted for unauthorised use of this design and drawing.

REVISIONS:

REV	NOTES	BY	DATE
R1	ISSUED FOR RESOURCE CONSENT	PWJ	22-10-2026

PROJECT:

NEW CENTRAL PARK LIMITED
77 KAPITI ROAD, PARAPARAUMU
KAPITI

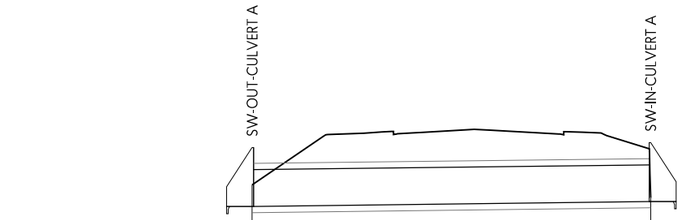
TITLE:

PROPOSED CULVERT LOCATION PLAN

ENVELOPE
WWW.ENVELOPE-ENG.CO.NZ

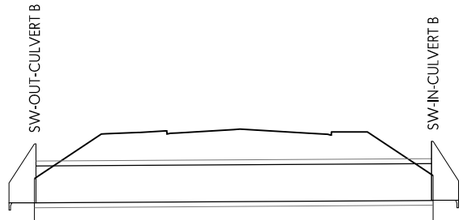
DESIGNED: LF
DRAWN: SKR
CHECKED: ADJ
PLOT DATE: 22-10-2026
SCALE A1: 1:1500
SCALE A3: 1:3000
STATUS: RESOURCE CONSENT

PROJECT No: 1942-02
DRAWING No: 4191
REVISION: R1



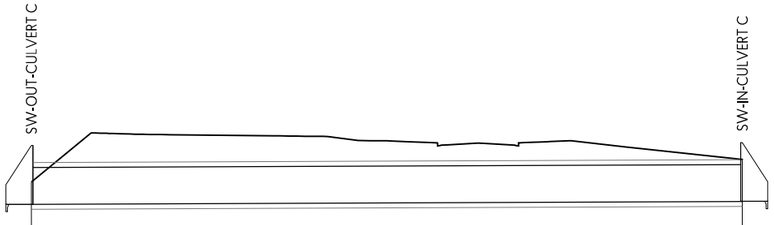
Datum R.L. 0.00		
DEPTH TO INVERT	2.40	2.40
INVERT LEVEL	2.45	2.65
LID LEVEL	4.85	5.05
GRADIENT & PIPE SIZE	0.60% 4,000 x 1,500 mm Concrete Box Culvert Concrete Box Culvert SI	
PIPE LENGTH & MH No.	SW-OUT-CULVERT A	32.5m SW-IN-CULVERT A

SW CULVERT A



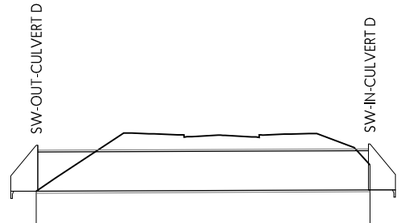
Datum R.L. 0.00		
DEPTH TO INVERT	2.40	2.40
INVERT LEVEL	2.60	2.70
LID LEVEL	5.00	5.10
GRADIENT & PIPE SIZE	0.30% 3,000 x 1,500 mm Concrete Box Culvert Concrete Box Culvert SI	
PIPE LENGTH & MH No.	SW-OUT-CULVERT B	32.5m SW-IN-CULVERT B

SW CULVERT B



Datum R.L. 0.00		
DEPTH TO INVERT	2.40	2.40
INVERT LEVEL	2.67	2.79
LID LEVEL	5.07	5.19
GRADIENT & PIPE SIZE	0.20% 2,000 x 1,500 mm Concrete Box Culvert Concrete Box Culvert SI	
PIPE LENGTH & MH No.	SW-OUT-CULVERT C	58.0m SW-IN-CULVERT C

SW CULVERT C



Datum R.L. 0.00		
DEPTH TO INVERT	1.88	1.88
INVERT LEVEL	3.12	3.17
LID LEVEL	5.00	5.05
GRADIENT & PIPE SIZE	0.20% DN 1600 RCRRJ Class 2	
PIPE LENGTH & MH No.	SW-OUT-CULVERT D	27.2m SW-IN-CULVERT D

SW CULVERT D

LEGEND:

——— PROPOSED FINISHED GROUND LEVEL

NOTES:

1. STORMWATER LONG-SECTION DRAWN WITH A 2x VERTICAL EXAGGERATION.
2. REFER TO PLAN 1942-02-4000 SERIES FOR DRAINAGE LAYOUT

This design and drawing shall only be used for the purpose for which it was supplied and shall not be altered or reproduced without the permission of Envelope Engineering Limited. No liability shall be accepted for unauthorised use of this design and drawing.

REVISIONS:

REV	NOTES	BY	DATE
R1	ISSUED FOR RESOURCE CONSENT	PWJ	22-10-2026

PROJECT:

NEW CENTRAL PARK LIMITED
77 KAPITI ROAD, PARAPARAUMU
KAPITI

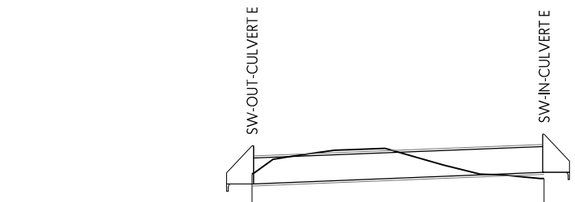
TITLE:

STORMWATER LONGSECTION
SHEET 1 OF 9

ENVELOPE
WWW.ENVELOPE-ENG.CO.NZ

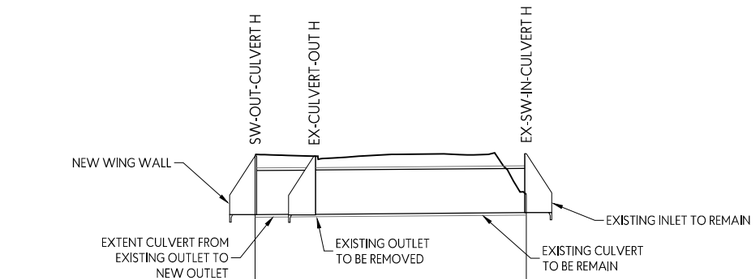
DESIGNED: PWJ / SKR
DRAWN: LTL / SKR
CHECKED: ADJ
PLOT DATE: 22-10-2026
SCALE A1: 1:250
SCALE A3: 1:500
STATUS: RESOURCE CONSENT

PROJECT No: 1942-02
DRAWING No: 4200
REVISION: R1



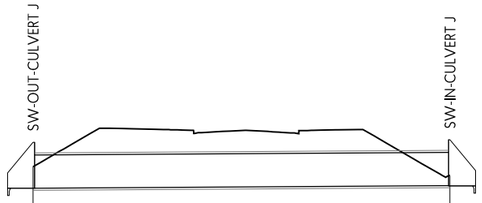
	SW-OUT-CULVERT E		SW-IN-CULVERT E
DEPTH TO INVERT	1.55		1.55
INVERT LEVEL	3.00		3.48
LID LEVEL	4.55		5.03
GRADIENT & PIPE SIZE		2.00% DN 1050 RCRRJ Class 2	
PIPE LENGTH & MH No.		23.8m	

SW CULVERT E



	SW-OUT-CULVERT H		EX-CULVERT-OUT H		EX-SW-IN-CULVERT H
DEPTH TO INVERT	2.40		2.37		2.40
INVERT LEVEL	4.19		4.21		4.28
LID LEVEL	6.59		6.58		6.68
GRADIENT & PIPE SIZE		0.40% DN 1800 RCRRJ Class 2		0.40% DN 1800 RCRRJ Class 2	
PIPE LENGTH & MH No.		4.8m		17.3m	

SW CULVERT H



	SW-OUT-CULVERT J		SW-IN-CULVERT J
DEPTH TO INVERT	1.87		1.87
INVERT LEVEL	5.00		5.10
LID LEVEL	6.87		6.97
GRADIENT & PIPE SIZE		0.30% DN 1350 RCRRJ Class 2	
PIPE LENGTH & MH No.		34.0m	

SW CULVERT J

LEGEND:

——— PROPOSED FINISHED GROUND LEVEL

NOTES:

1. STORMWATER LONG-SECTION DRAWN WITH A 2x VERTICAL EXAGGERATION.
2. REFER TO PLAN 1942-02-4000 SERIES FOR DRAINAGE LAYOUT

This design and drawing shall only be used for the purpose for which it was supplied and shall not be altered or reproduced without the permission of Envelope Engineering Limited. No liability shall be accepted for unauthorised use of this design and drawing.

REVISIONS:

REV	NOTES	BY	DATE
R1	ISSUED FOR RESOURCE CONSENT	PWJ	22-10-2026

PROJECT:

NEW CENTRAL PARK LIMITED
77 KAPITI ROAD, PARAPARAUMU
KAPITI

TITLE:

STORMWATER LONGSECTION
SHEET 2 OF 9

ENVELOPE
WWW.ENVELOPE-ENG.CO.NZ

DESIGNED: PWJ / SKR
DRAWN: LTL / SKR
CHECKED: ADJ
PLOT DATE: 22-10-2026
SCALE A1: 1:250
SCALE A3: 1:500
STATUS: RESOURCE CONSENT

PROJECT No: 1942-02
DRAWING No: 4201
REVISION: R1