

LEGEND:

- - - BULK EARTHWORKS BOUNDARY
- STORMWATER - EXISTING
- EGL CONTOURS SHOWN AT 1m INTERVALS
- EXISTING STREAM

EXISTING CULVERTS				
Culvert ID	Diameter	Length	Grade	Note
E-01	900mm	14.5m	1.2%	No Change
E-02	375mm	48m	1.3%	To Be Removed
E-03	375mm	15m	4.7%	No Change
E-04	300mm	25m	---	To Be Removed
E-05	900mm	20m	1.3%	No Change
E-06	600mm	52m	3.6%	To Be Extended East
E-07	900mm	6m	4.0%	To Be Removed
E-08	675mm	25m	2.1%	No Change
E-09	450mm	45m	0.4%	No Change
E-10	525mm	12m	---	No Change
E-11	300mm	6m	3.6%	No Change
E-12	525mm	6m	5.0%	No Change
E-13	900mm	12m	1.8%	No Change
E-14	675mm	4.5m	0.0%	No Change
E-15	450mm	18.5m	4.0%	No Change
E-16	750mm	7m	5.5%	No Change
E-17	675mm	9m	+1.6%	No Change
E-18	375mm	9m	3.9%	No Change
E-19	750mm	6.2m	1.8%	To Be Removed
E-20	750mm	6.2m	12.6%	No Change

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.

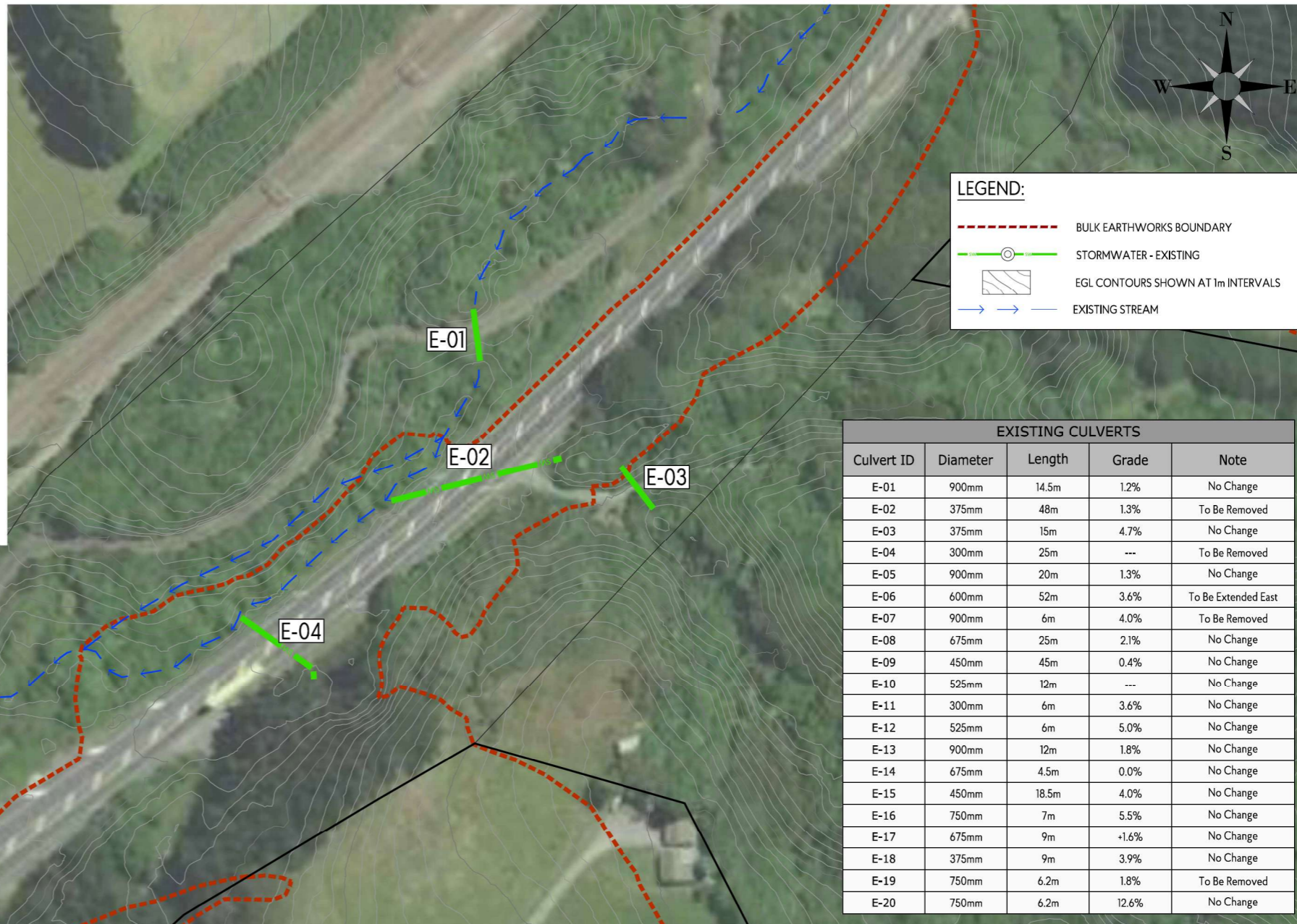
REV	NOTES	BY	DATE
R1	RESOURCE CONSENT ISSUE	LB	06-03-2026
R2	CULVERT LABELS UPDATED	PWJ	10-03-2026

PROJECT:
**PUKERUA PROPERTY GROUP LP
 MOUNT WELCOME - PUKERUA BAY
 PORIRUA**

TITLE:
**EXISTING DRAINAGE/CULVERTS
 OVERALL LAYOUT**



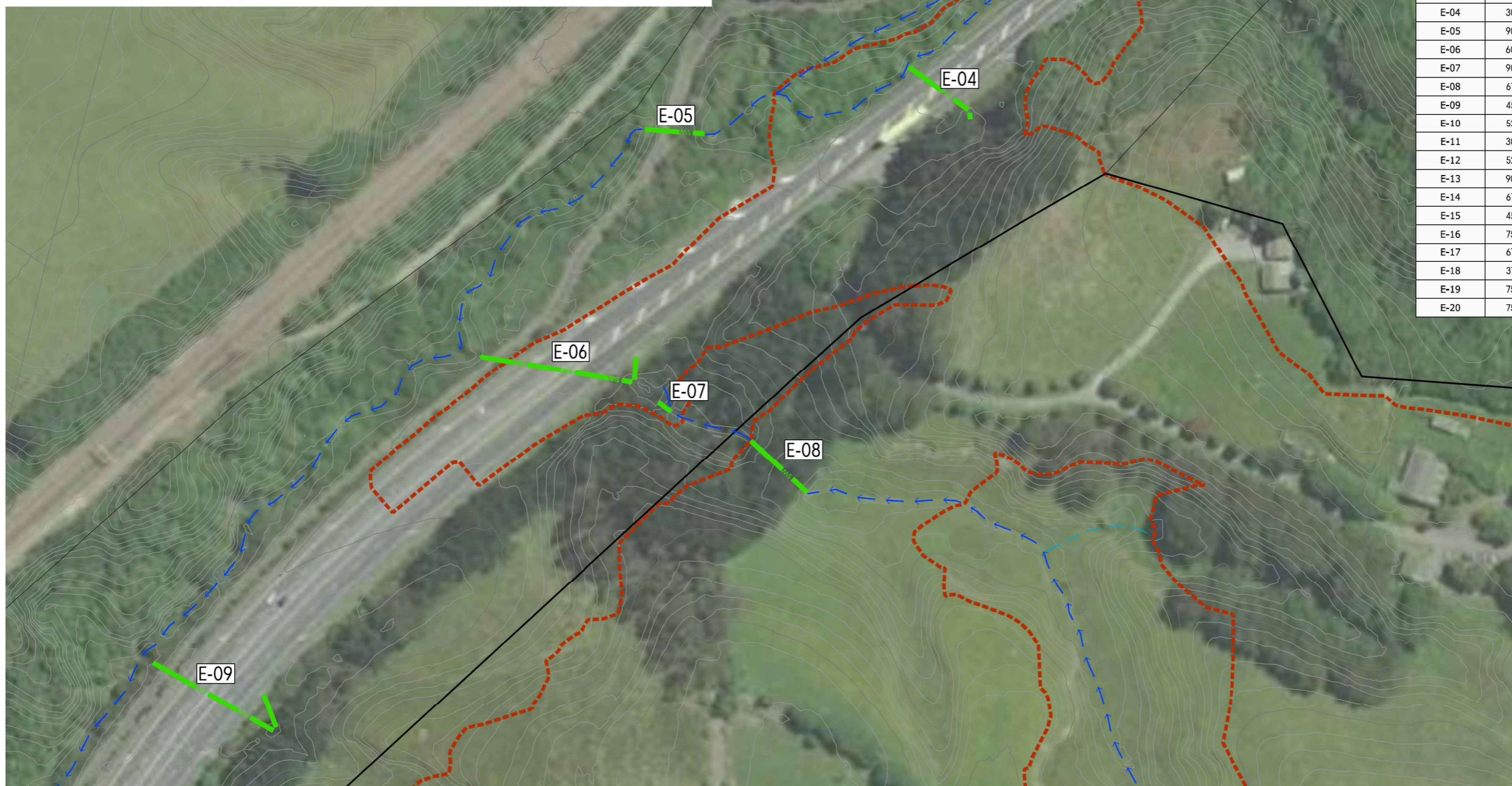
DESIGNED: PWJ DRAWN: LB
 CHECKED: PWJ PLOT DATE: 10-03-2026
 SCALE A1: 1:2500 SCALE A3: 1:5000
 STATUS: RESOURCE CONSENT
 PROJECT No: **1753-02** DRAWING No: **SK8430** REVISION: **R2**



LEGEND:

- - - BULK EARTHWORKS BOUNDARY
- STORMWATER - EXISTING
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REVISIONS:

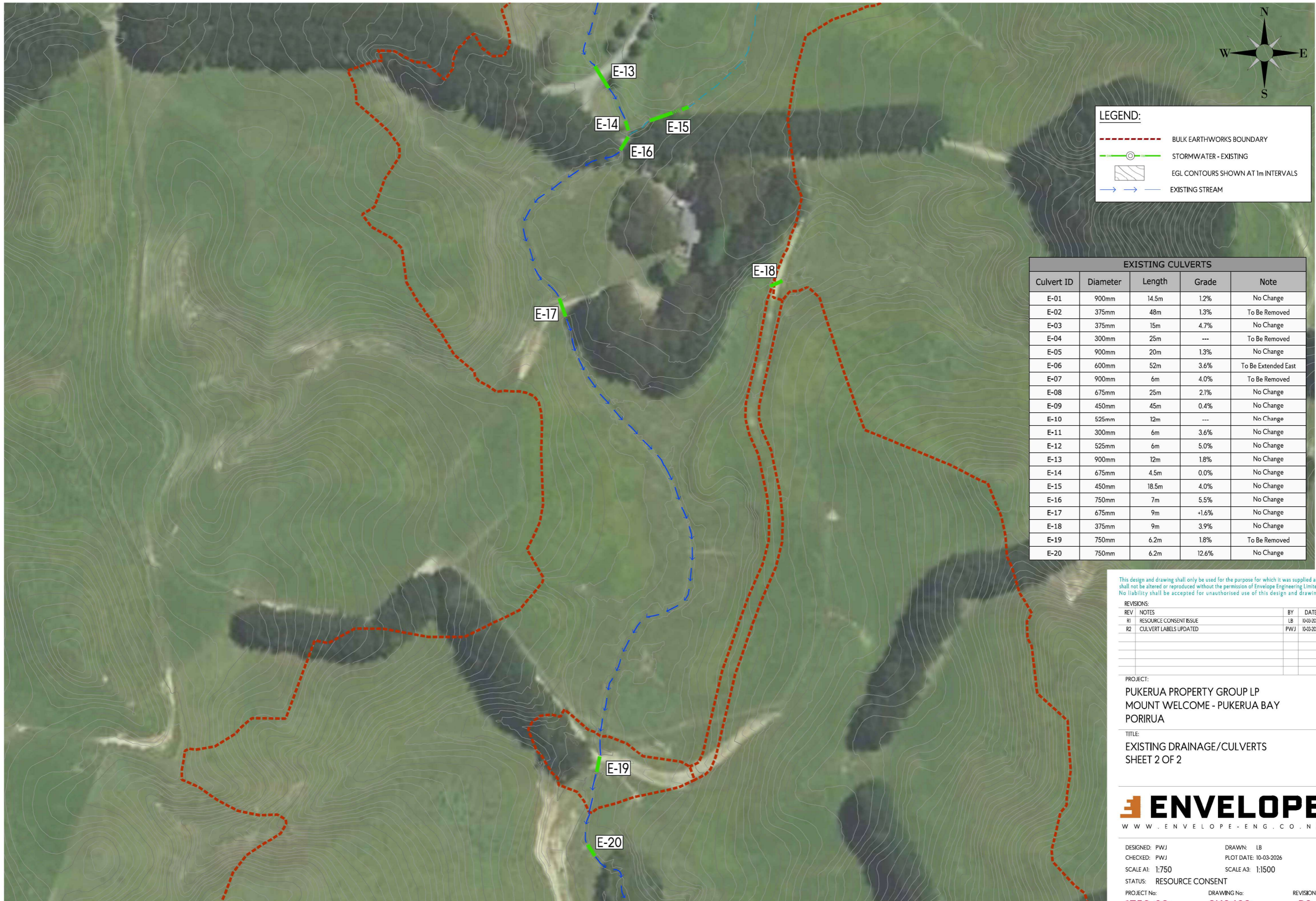
REV	NOTES	BY	DATE
R1	RESOURCE CONSENT ISSUE	LB	10-03-2026
R2	CULVERT LABELS UPDATED	PWJ	10-03-2026

PROJECT:
 PUKERUA PROPERTY GROUP LP
 MOUNT WELCOME - PUKERUA BAY
 PORIRUA

TITLE:
 EXISTING DRAINAGE/CULVERTS
 SHEET 1 OF 2



DESIGNED: PWJ DRAWN: LB
 CHECKED: PWJ PLOT DATE: 10-03-2026
 SCALE A1: 1:750 SCALE A3: 1:1500
 STATUS: RESOURCE CONSENT
 PROJECT No: **1753-02** DRAWING No: **SK8431** REVISION: **R2**



LEGEND:

- - - BULK EARTHWORKS BOUNDARY
- STORMWATER - EXISTING
- EGL CONTOURS SHOWN AT 1m INTERVALS
- - -> EXISTING STREAM

EXISTING CULVERTS				
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E-12	525mm	6m	5.0%	No Change
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REVISIONS:			
REV	NOTES	BY	DATE
R1	RESOURCE CONSENT ISSUE	LB	10-03-2026
R2	CULVERT LABELS UPDATED	PWJ	10-03-2026

PROJECT:
PUKERUA PROPERTY GROUP LP
MOUNT WELCOME - PUKERUA BAY
PORIRUA

TITLE:
EXISTING DRAINAGE/CULVERTS
SHEET 2 OF 2



DESIGNED: PWJ DRAWN: LB
 CHECKED: PWJ PLOT DATE: 10-03-2026
 SCALE A1: 1:750 SCALE A3: 1:1500
 STATUS: RESOURCE CONSENT
 PROJECT No: **1753-02** DRAWING No: **SK8432** REVISION: **R2**