

- NOTES:
1. REFER DRAWING CV-SW-100 FOR INDEX SHEET AND STORMWATER LEGEND
 2. EXISTING DRAINAGE FROM KCDC GIS, GWRC GIS, NZTA RECORDS AND KIWI RAIL RECORDS.

Original Scale (A3)
1:2000

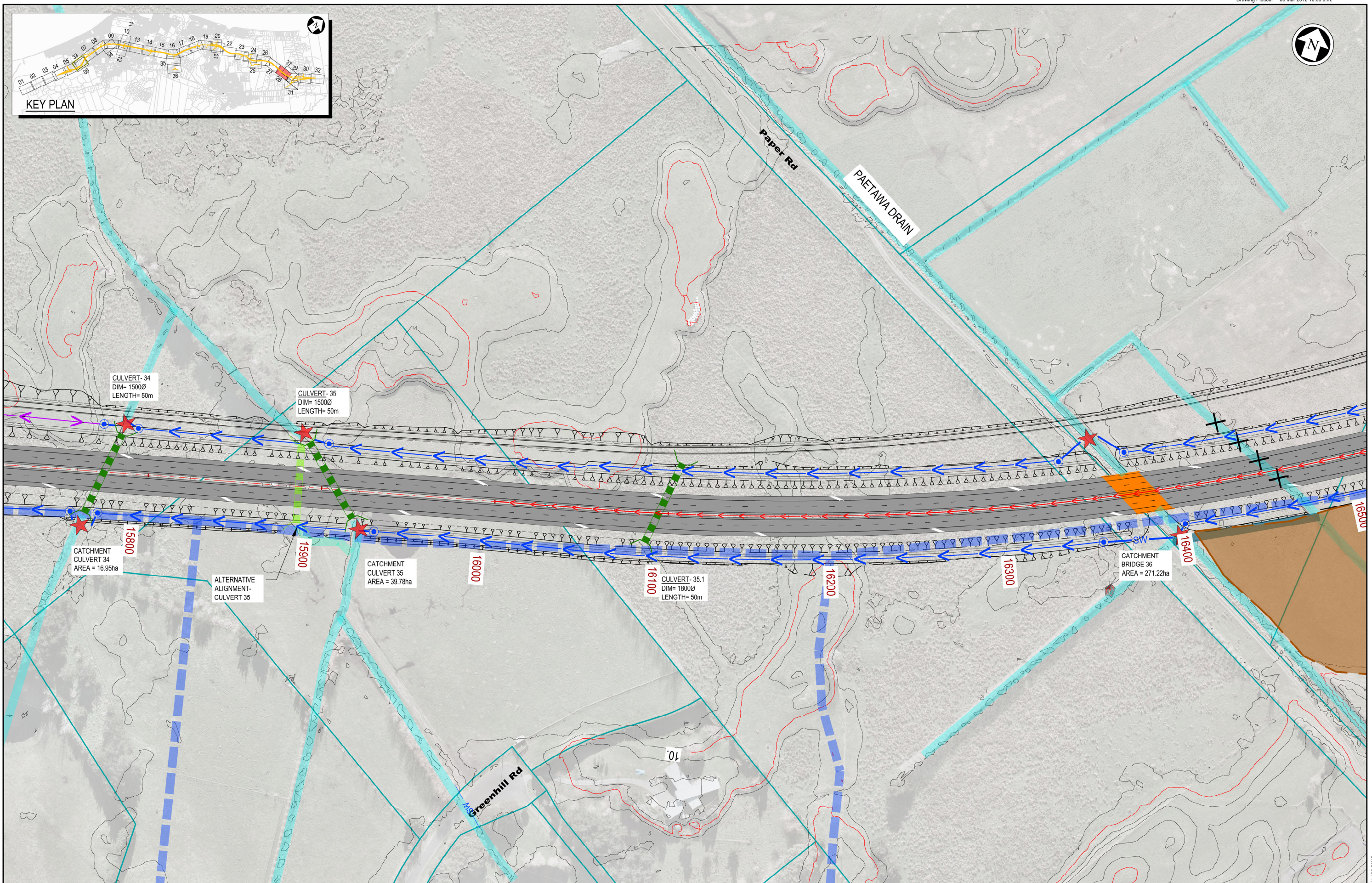
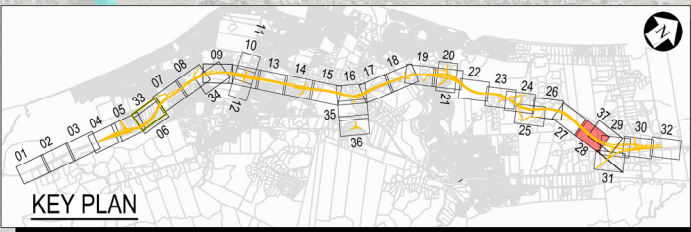
1	AEE LODGEMENT	NRN	15.03.12
Revision:	Amendment	Approved:	Date:



MACKAYS TO PEKA PEKA EXPRESSWAY

DRAINAGE LAYOUT
SHEET 27 OF 37

Status:	FOR CONSENTING
Document ID:	M2PP-AEE-DWG
Drawing No:	CV-SW-127
Rev:	1



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MACKAYS TO PEKA PEKA EXPRESSWAY

DRAINAGE LAYOUT
SHEET 28 OF 37

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OFFSET STORAGE AREA 13

PURPOSE = OFFSET STORAGE
 TOTAL AREA = 44,000m²
 1% AEP VOLUME = 6,000m³
 1% AEP WSL = 8.27m
 EXISTING GL = 7.8-8.0m
 NEW GL = 7.57-7.85m

NOTE: SAME FIGURES APPLY TO ALTERNATIVE LOCATION BUT EXISTING GROUND LEVELS, NEW GROUND LEVELS AND 1% AEP WSL WILL VARY TO SUIT NEW AREA.

BOX CULVERT-38
 DIM= 3 X 2m
 LENGTH= 70m

NEW OPEN CHANNEL DRAIN
 "STREAM" 10 x 2m

INLET CONTROL FOR
 ABOVE GROUND STORAGE

OFFSET STORAGE AREA 13A

PURPOSE = OFFSET STORAGE
 TOTAL AREA = 24,300m²
 1% AEP VOLUME = 30,000m³
 1% AEP WSL = 10.5m
 EXISTING GL = 8.0-9.0m
 NEW GL = NO CHANGE

NOTE: ABOVE GROUND STORAGE

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 - EXISTING DRAINAGE FROM KCDC GIS, GWRC GIS, NZTA RECORDS AND KIWI RAIL RECORDS.
 - GL = GROUND LEVEL
 WQV = WATER QUALITY VOLUME
 WSL = WATER SURFACE LEVEL
 IL = INVERT LEVEL
 REC WC WSL = RECEIVING WATER COURSE WATER SURFACE LEVEL.

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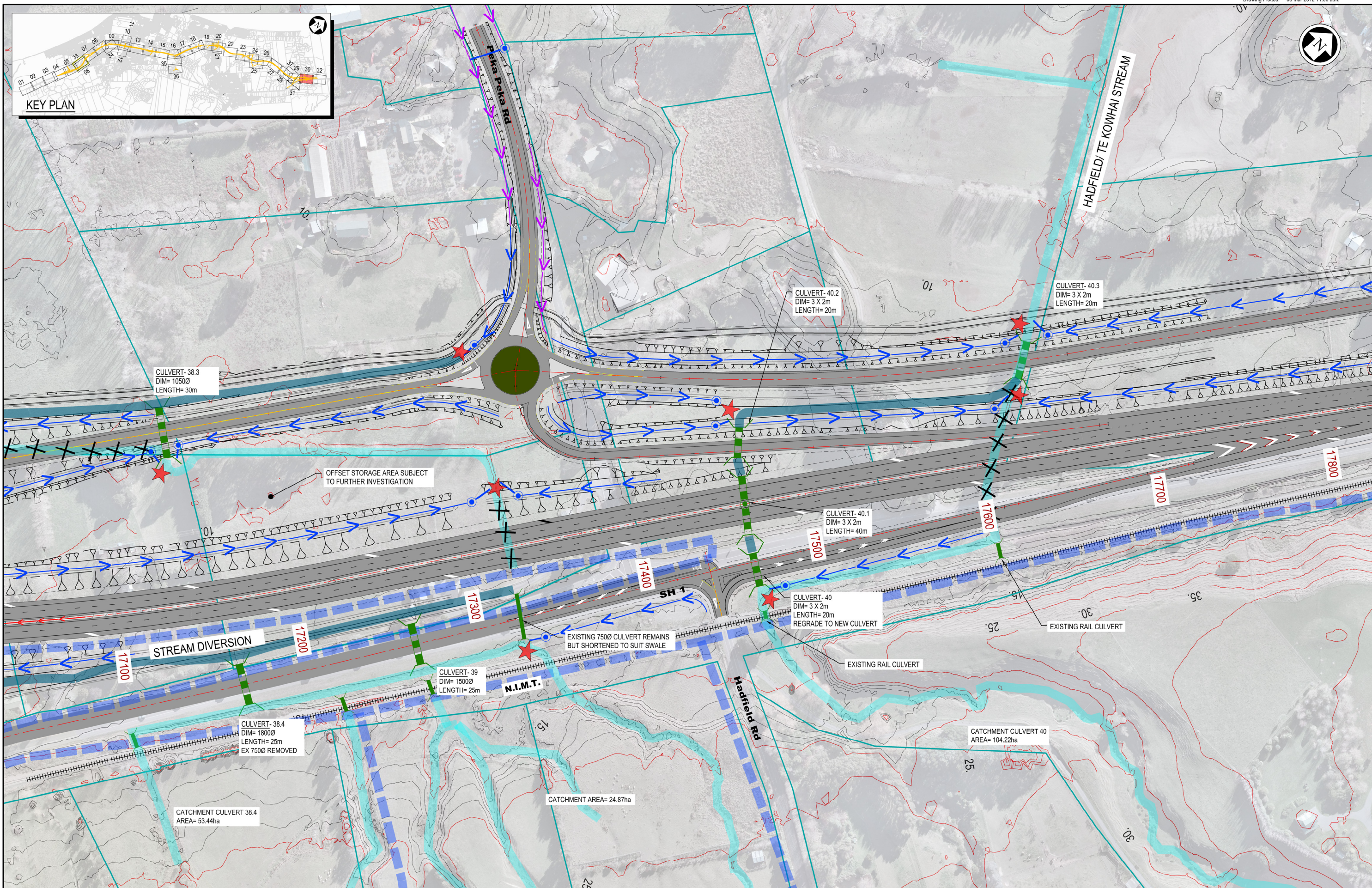
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MACKAYS TO PEKA PEKA EXPRESSWAY

DRAINAGE LAYOUT
 SHEET 29 OF 37

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Project: MACKAYS TO PEKA PEKA EXPRESSWAY

Title: DRAINAGE LAYOUT SHEET 30 OF 37

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Rev: 1