












NOTES

1. ROCK FILTERS IN SAND TO BE SPACED AT 100m CENTRES.
2. DUE TO LARGE CUT PEAT REPLACEMENT AND SAND METHOD WILL STILL BE UTILISED HOWEVER WILL INCLUDE USE OF ROCK FILTERS IN DRAINAGE SWALES.
3. PROGRESSIVE STABILISATION OF BATTERS TO OCCUR AS FINAL BATTER SLOPES ARE FORMED.
4. CYCLEWAY CONTROLS INCORPORATED WITH OTHER ALIGNMENT CONTROLS. STAGED ESTABLISHMENT AND STABILISATION TO BE UNDERTAKEN.

KEY:

- SEDIMENT RETENTION POND 
- DRAINAGE SWALE 
- EARTH/TOPSOIL BUND 
- DIRTY WATER DIVERSION 
- SILT FENCE 
- SUPER SILT FENCE 
- DECANT 
- SRP CATCHMENT AREA 
- ROCK FILTERS 
- CULVERT 
- FUTURE SW DEVICE 
- CYCLEWAY 

NOTES:

Original Scale (A3)		1:2000	
1	AEE LODGEMENT	GJR	15.03.12
Revision:	Amendment:	Approved:	Date:



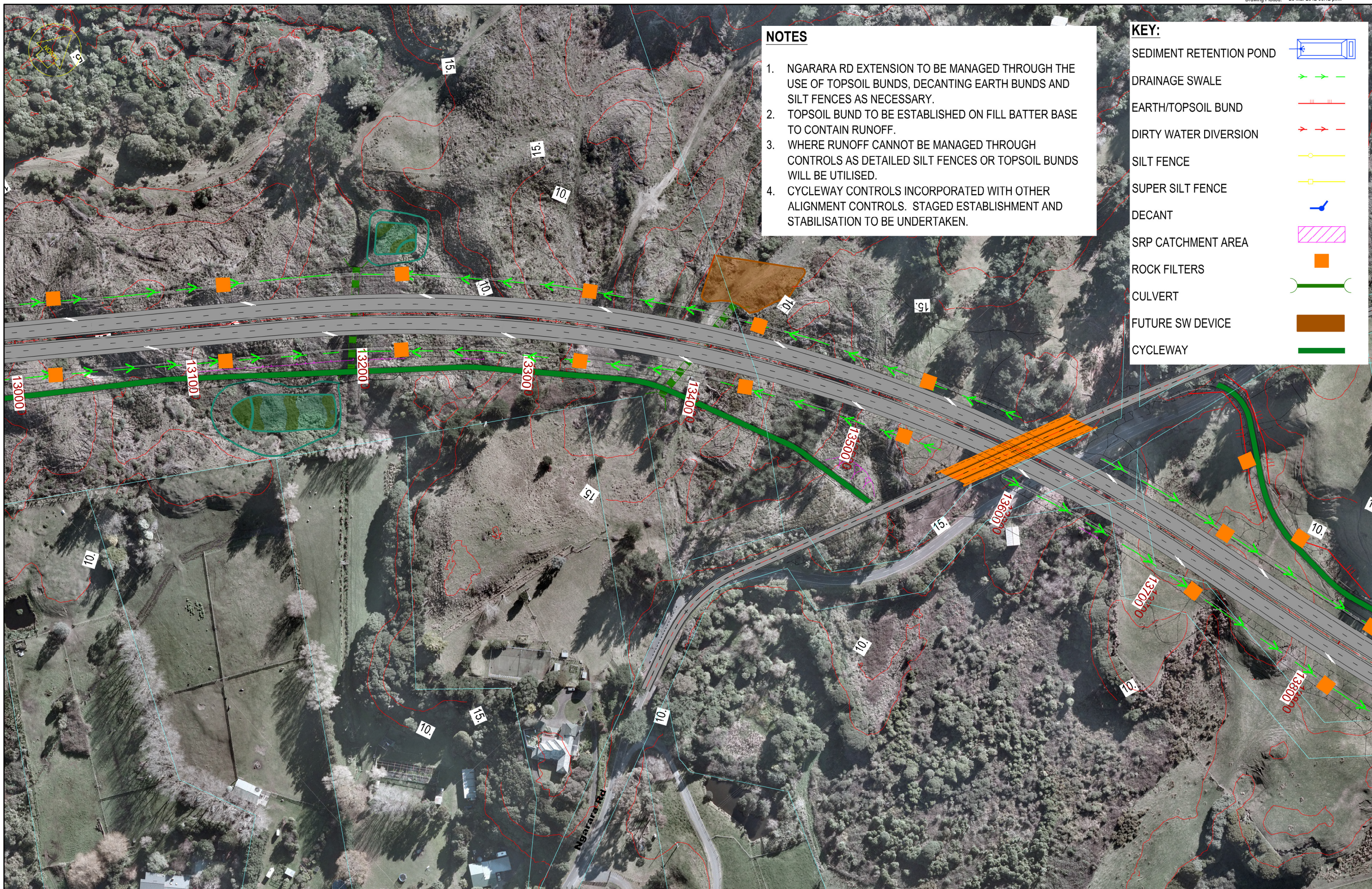
Project: MACKAYS TO PEKA PEKA EXPRESSWAY

Title: EROSION & SEDIMENT CONTROL CHAINAGES 12300 TO 13000

Status: -

Document ID: M2PP-AEE-DWG **Rev:**













Drawing No: CV-CM-219 **1**



NOTES

1. NGARARA RD EXTENSION TO BE MANAGED THROUGH THE USE OF TOPSOIL BUNDS, DECANTING EARTH BUNDS AND SILT FENCES AS NECESSARY.
2. TOPSOIL BUND TO BE ESTABLISHED ON FILL BATTER BASE TO CONTAIN RUNOFF.
3. WHERE RUNOFF CANNOT BE MANAGED THROUGH CONTROLS AS DETAILED SILT FENCES OR TOPSOIL BUNDS WILL BE UTILISED.
4. CYCLEWAY CONTROLS INCORPORATED WITH OTHER ALIGNMENT CONTROLS. STAGED ESTABLISHMENT AND STABILISATION TO BE UNDERTAKEN.

KEY:

- SEDIMENT RETENTION POND 
- DRAINAGE SWALE 
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NOTES:

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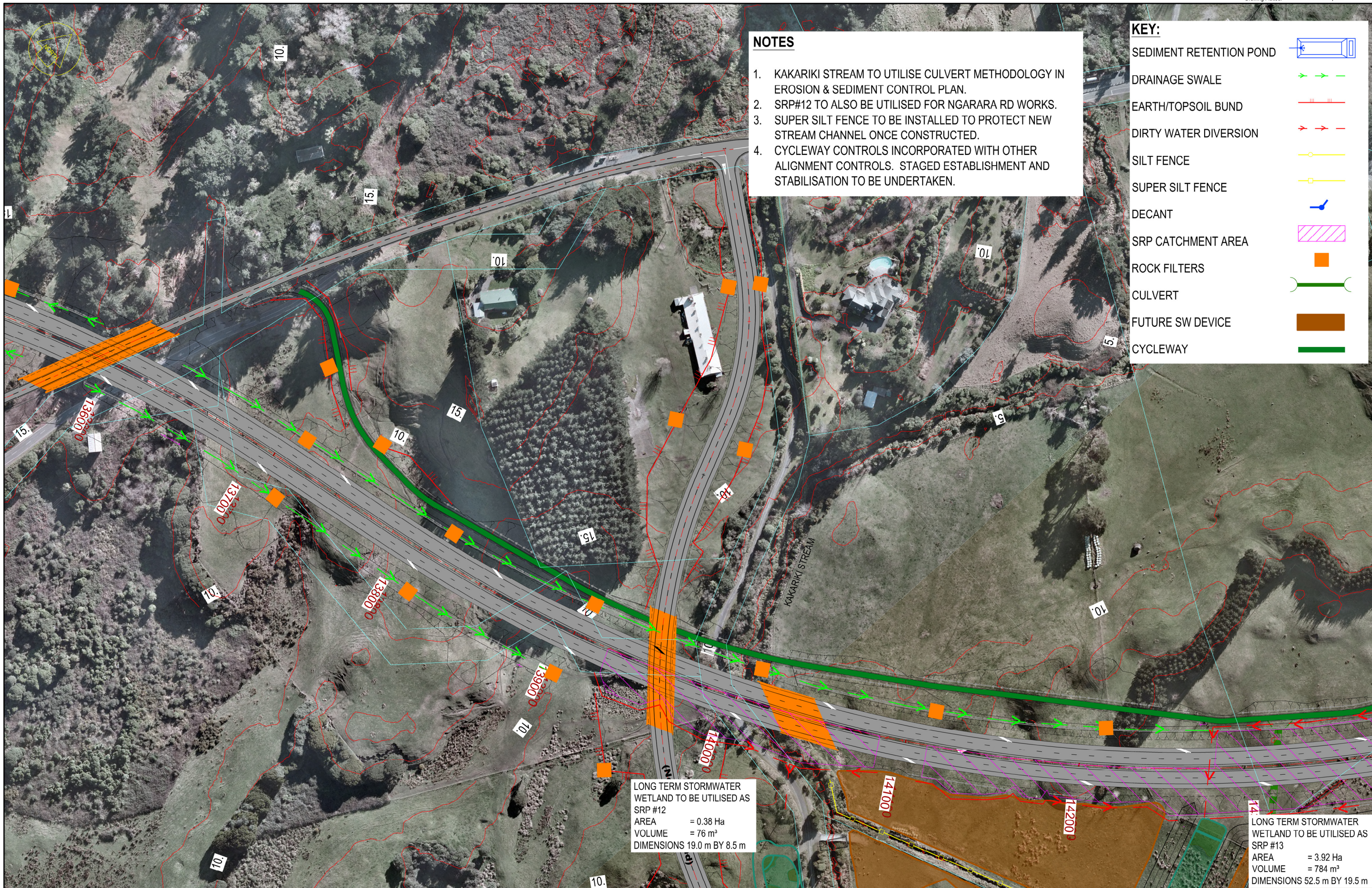
Project: MACKAYS TO PEKA PEKA EXPRESSWAY

Title: EROSION & SEDIMENT CONTROL CHAINAGES 13000 TO 13800

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- NOTES**
1. KAKARIKI STREAM TO UTILISE CULVERT METHODOLOGY IN EROSION & SEDIMENT CONTROL PLAN.
 2. SRP#12 TO ALSO BE UTILISED FOR NGARARA RD WORKS.
 3. SUPER SILT FENCE TO BE INSTALLED TO PROTECT NEW STREAM CHANNEL ONCE CONSTRUCTED.
 4. CYCLEWAY CONTROLS INCORPORATED WITH OTHER ALIGNMENT CONTROLS. STAGED ESTABLISHMENT AND STABILISATION TO BE UNDERTAKEN.

KEY:

- SEDIMENT RETENTION POND
- DRAINAGE SWALE
- EARTH/TOPSOIL BUND
- DIRTY WATER DIVERSION
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LONG TERM STORMWATER WETLAND TO BE UTILISED AS SRP #12
 AREA = 0.38 Ha
 VOLUME = 76 m³
 DIMENSIONS 19.0 m BY 8.5 m

LONG TERM STORMWATER WETLAND TO BE UTILISED AS SRP #13
 AREA = 3.92 Ha
 VOLUME = 784 m³
 DIMENSIONS 52.5 m BY 19.5 m

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MACKAYS TO PEKA PEKA EXPRESSWAY

EROSION & SEDIMENT CONTROL CHAINAGES 13600 TO 14300

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