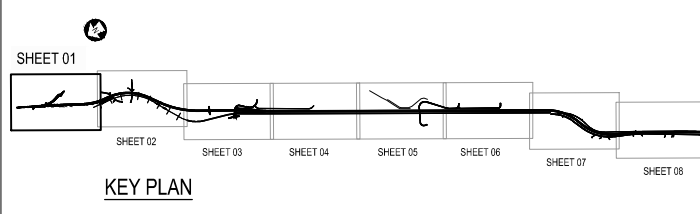
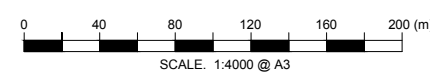


Legend

- Proposed Culvert
- Proposed Swale
- Proposed Attenuation Swale
- Proposed Attenuation Basin
- Temporary Sedimentation Pond
- Proposed Soakage Area
- Existing Contours (0.5m interval)
- Proposed Designation

0 10 mm 50 100 200 300 mm



Revision	Amendment	Approved	Revision Date
R1	REVISION FOR SARA	GM	15/03/12

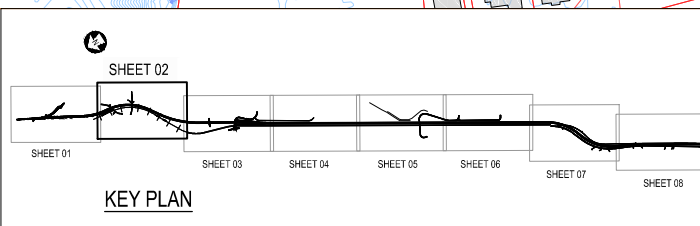
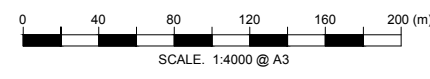
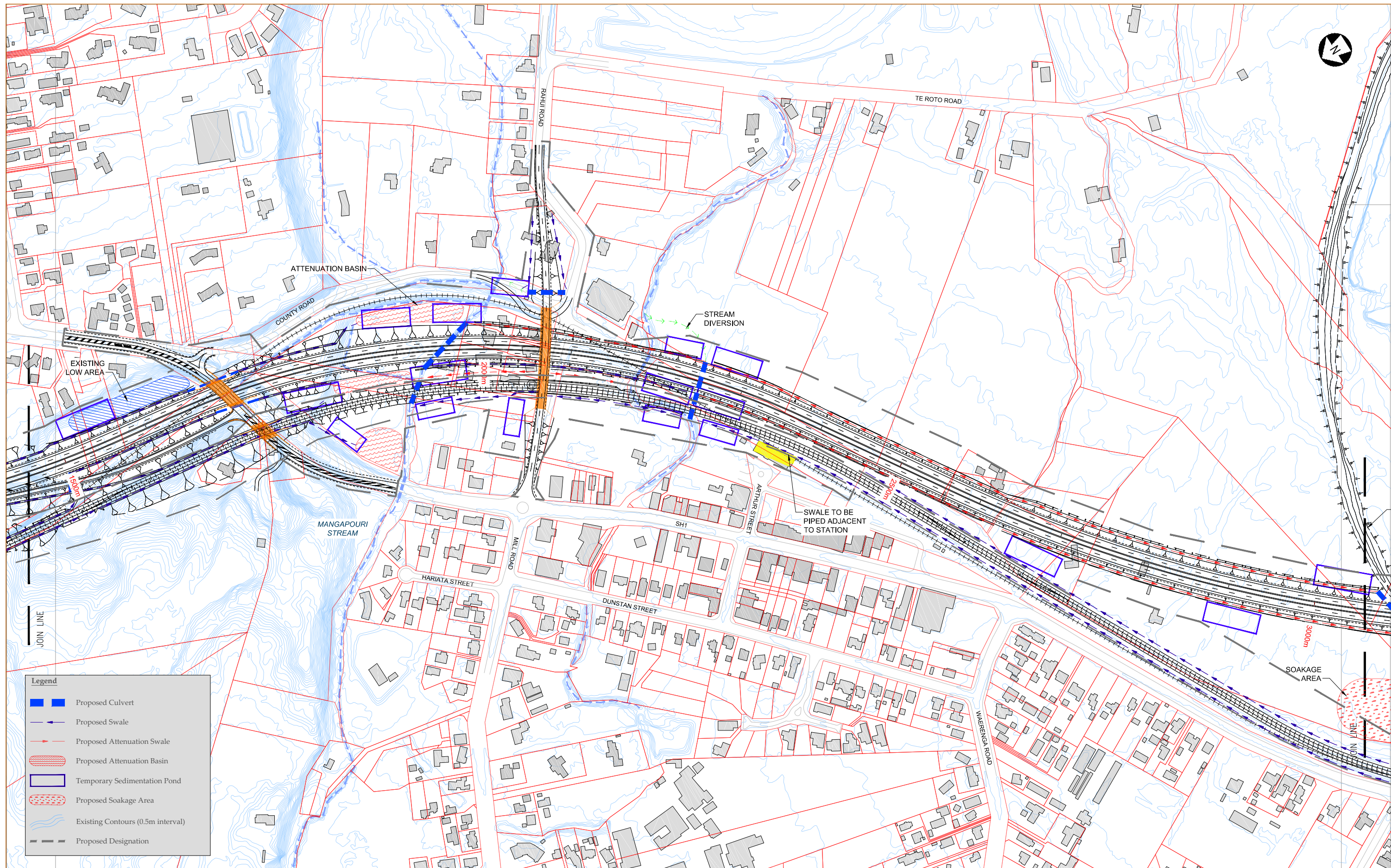


Project
NEW ZEALAND TRANSPORT AGENCY
PEKA PEKA TO NORTH OTAKI EXPRESSWAY
SCHEME ASSESSMENT

Drawn	Designed	Approved	Revision Date
R.QUINEY	R.COLES	T.COULMAN	09/2011
Project No: 5C1814.00		Scale: 1:2000(A1), 1:4000(A3)	Drawing No: 5/2664/1/5504

Sheet
DRAINAGE PLAN
SHEET 1 OF 8

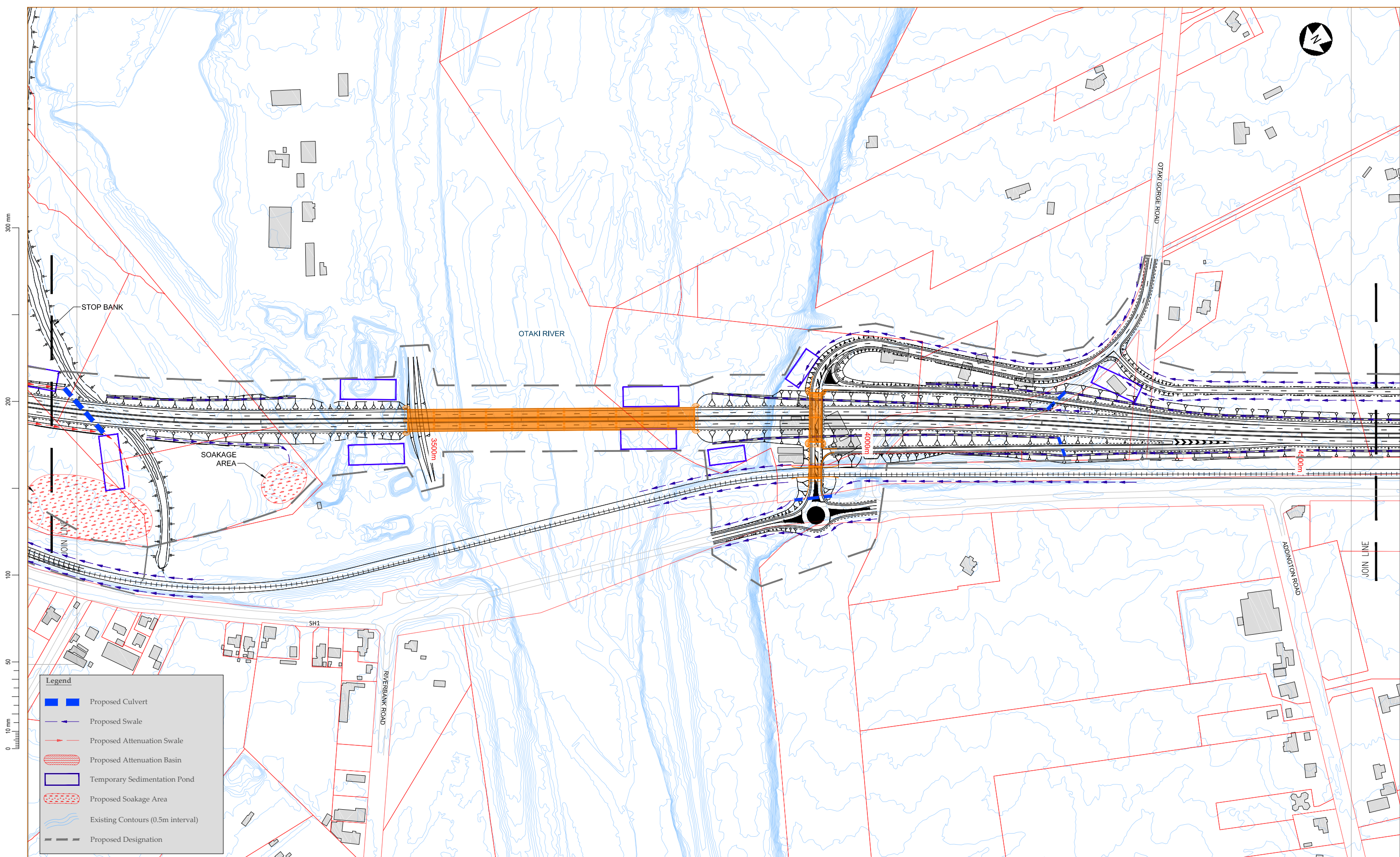
Sheet No.	Revision
DR01	R1



Revision	Amendment	Approved	Revision Date
R1	REVISION FOR SARA	GM	15/03/12



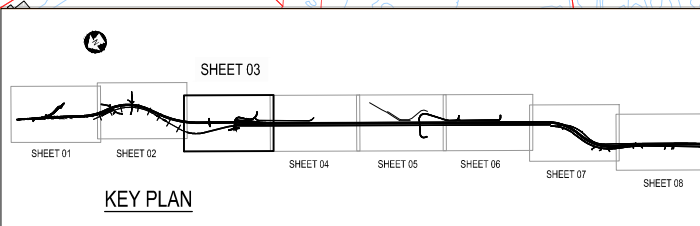
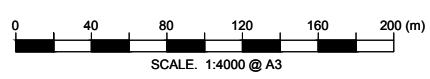
Project NEW ZEALAND TRANSPORT AGENCY PEKA PEKA TO NORTH OTAKI EXPRESSWAY SCHEME ASSESSMENT			
Sheet DRAINAGE PLAN SHEET 2 OF 8			
Drawn R.QUINEY	Designed R.COLES	Approved T.COULMAN	Revision Date 09/2011
Project No. 5C1814.00	Scale 1:2000(A1), 1:4000(A3)	Drawing No. 5/2664/1/5504	
Sheet No. DR02		Revision R1	



Legend

- █ Proposed Culvert
- Proposed Swale
- Proposed Attenuation Swale
- Proposed Attenuation Basin
- Temporary Sedimentation Pond
- Proposed Soakage Area
- ~ Existing Contours (0.5m interval)
- Proposed Designation

0 10 mm
50
100
200
300 mm



Revision	Amendment	Approved	Revision Date
R1	REVISION FOR SARA	GM	15/03/12



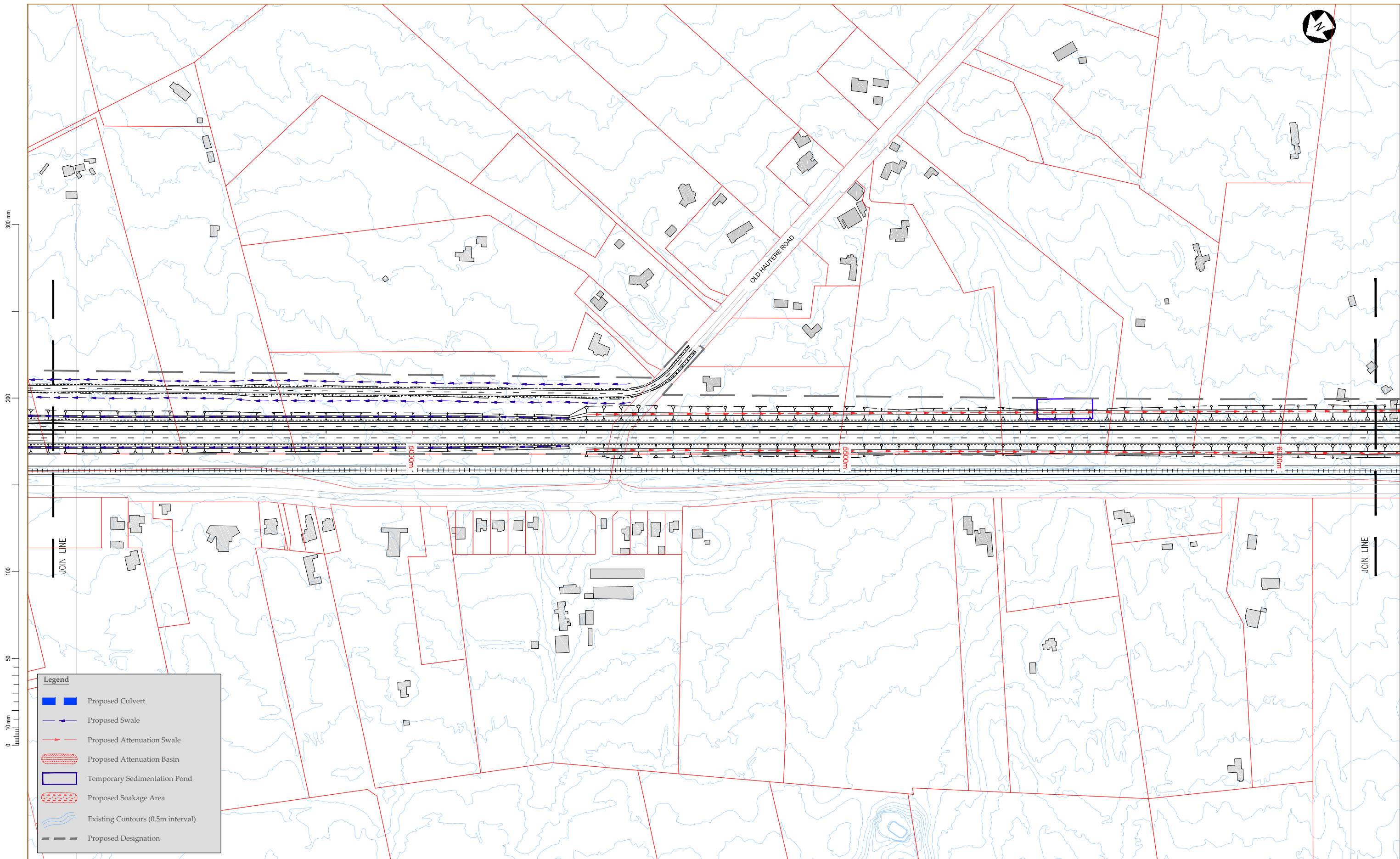
Drawn	Designed	Approved	Revision Date
R.QUINEY	R.COLES	T.COULMAN	09/2011
Project No: 5C1814.00		Scale: 1:2000(A1), 1:4000(A3)	Revision Date: 09/2011

NEW ZEALAND TRANSPORT AGENCY
PEKA PEKA TO NORTH OTAKI EXPRESSWAY
SCHEME ASSESSMENT

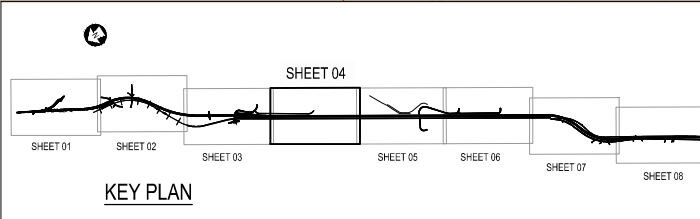
DRAINAGE PLAN
SHEET 3 OF 8

Project No: 5/2664/1/5504

Sheet No: DR03
Revision: R1



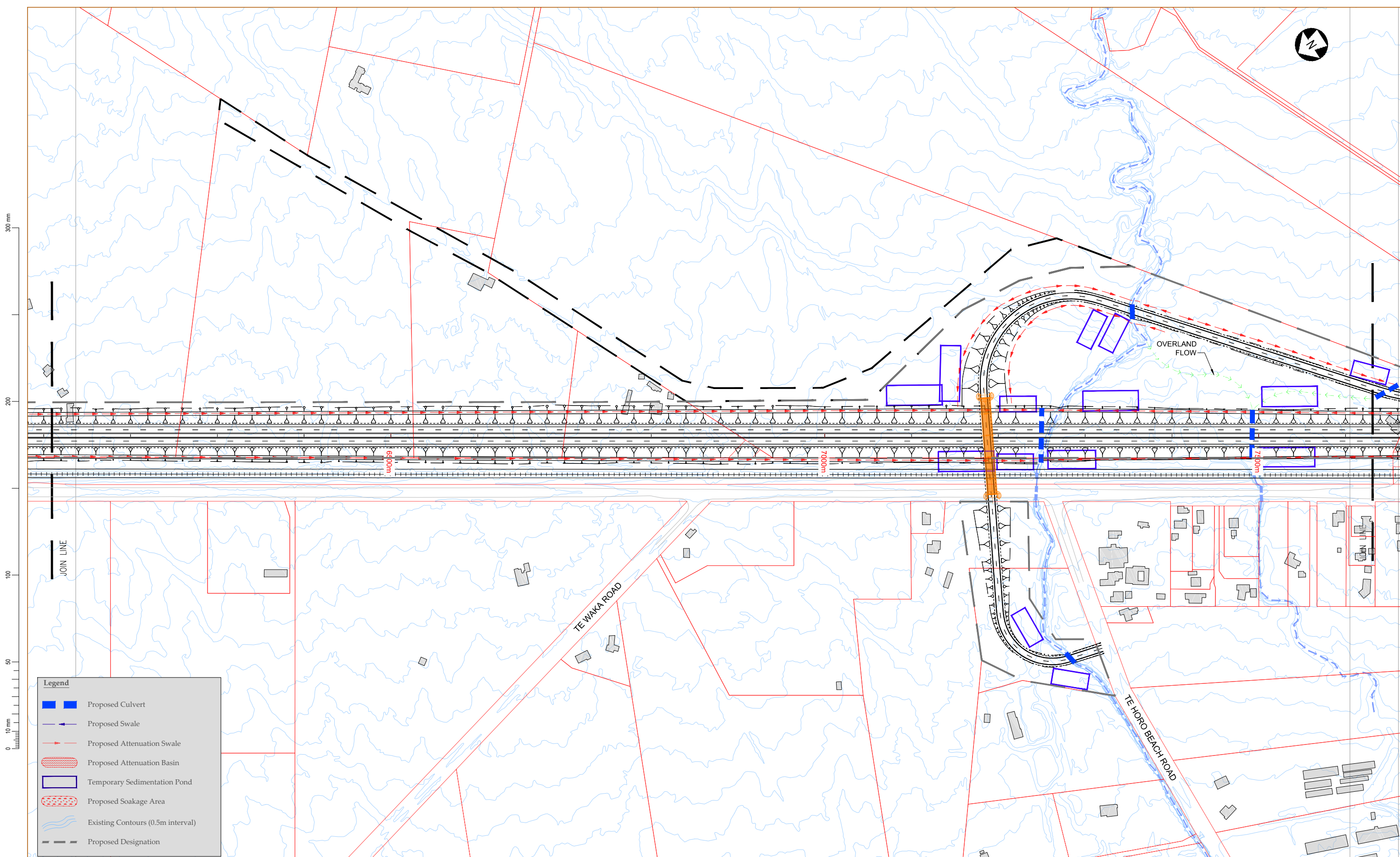
- Legend**
- Proposed Culvert
 - Proposed Swale
 - Proposed Attenuation Swale
 - Proposed Attenuation Basin
 - Temporary Sedimentation Pond
 - Proposed Soakage Area
 - Existing Contours (0.5m interval)
 - Proposed Designation



Revision	Amendment	Approved	Revision Date
R1	REVISION FOR SARA	GM	15/03/12

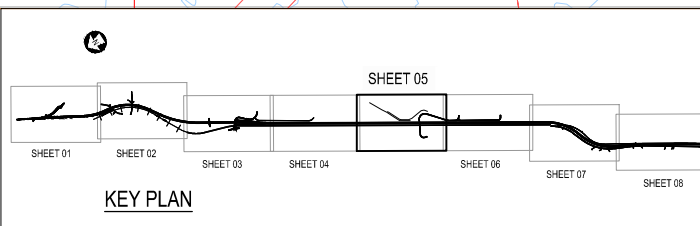
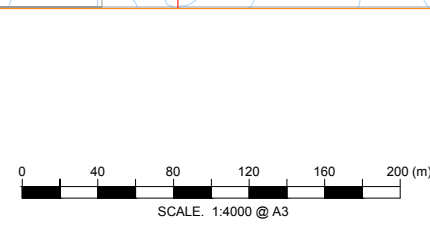


Project			
NEW ZEALAND TRANSPORT AGENCY PEKA PEKA TO NORTH OTAKI EXPRESSWAY SCHEME ASSESSMENT			
Sheet			
DRAINAGE PLAN SHEET 4 OF 8			
Drawn	Designed	Approved	Revision Date
R.QUINEY	R.COLES	T.COULMAN	09/2011
Project No.	Scale	Drawing No.	
5C1814.00	1:2000(A1), 1:4000(A3)	5/2664/1/5504	
Sheet No.	Revision		
DR04	R1		



Legend

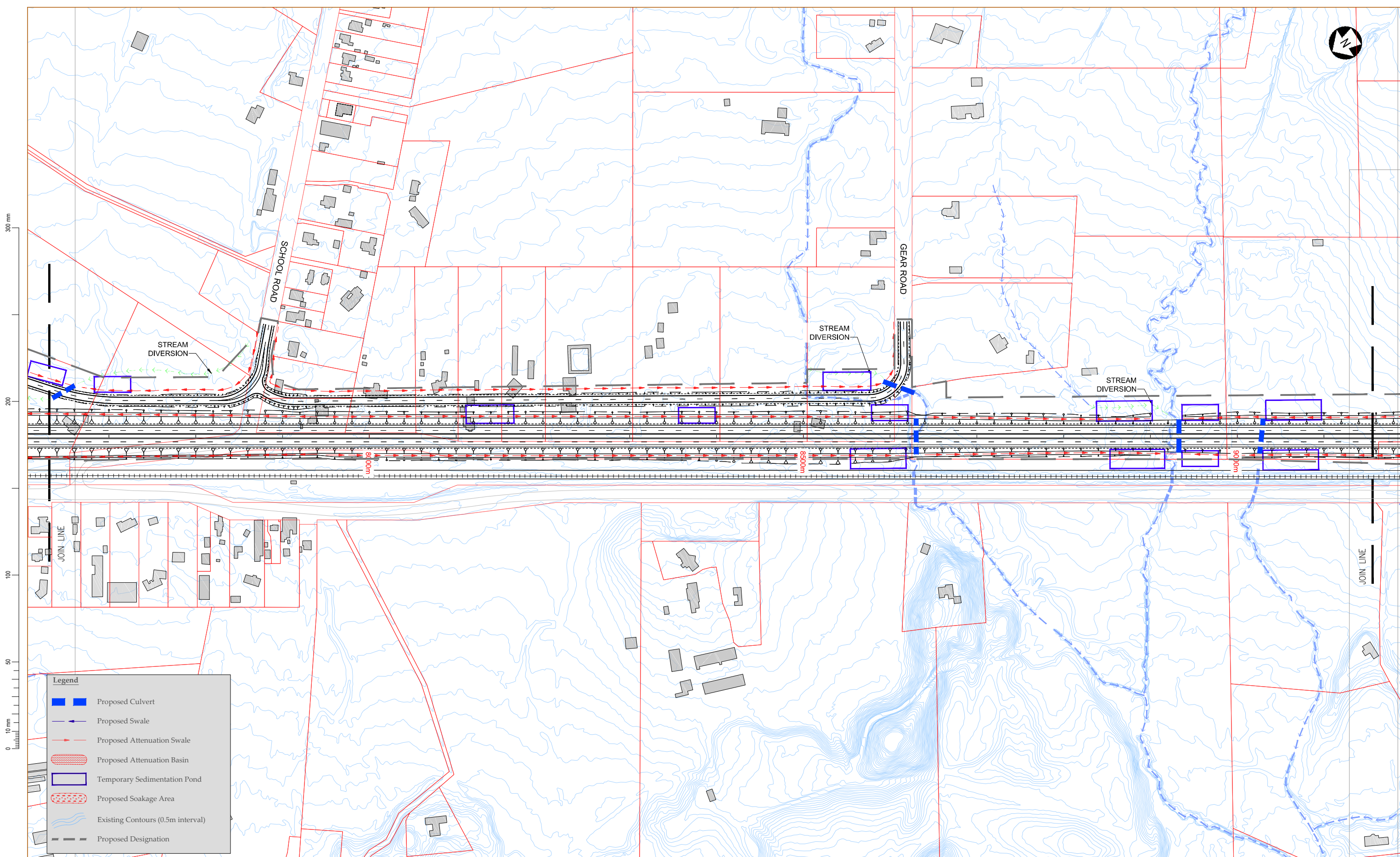
- Proposed Culvert
- Proposed Swale
- Proposed Attenuation Swale
- Proposed Attenuation Basin
- Temporary Sedimentation Pond
- Proposed Soakage Area
- Existing Contours (0.5m interval)
- Proposed Designation



Revision	Amendment	Approved	Revision Date
R1	REVISION FOR SARA	GM	15/03/12



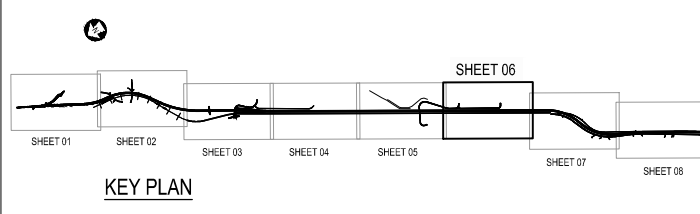
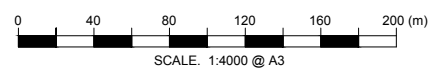
NEW ZEALAND TRANSPORT AGENCY PEKA PEKA TO NORTH OTAKI EXPRESSWAY SCHEME ASSESSMENT			
DRAINAGE PLAN SHEET 5 OF 8			
Drawn	Designed	Approved	Revision Date
R.QUINEY	R.COLES	T.COULMAN	09/2011
Project No.	Scale	Drawing No.	
5C1814.00	1:2000(A1), 1:4000(A3)	5/2664/1/5504	
Sheet No.			Revision
DR05			R1



300 mm
200
100
50
0 10 mm
Vertical scale bar

Legend

- █ Proposed Culvert
- Proposed Swale
- Proposed Attenuation Swale
- Proposed Attenuation Basin
- Temporary Sedimentation Pond
- Proposed Soakage Area
- ~ Existing Contours (0.5m interval)
- Proposed Designation



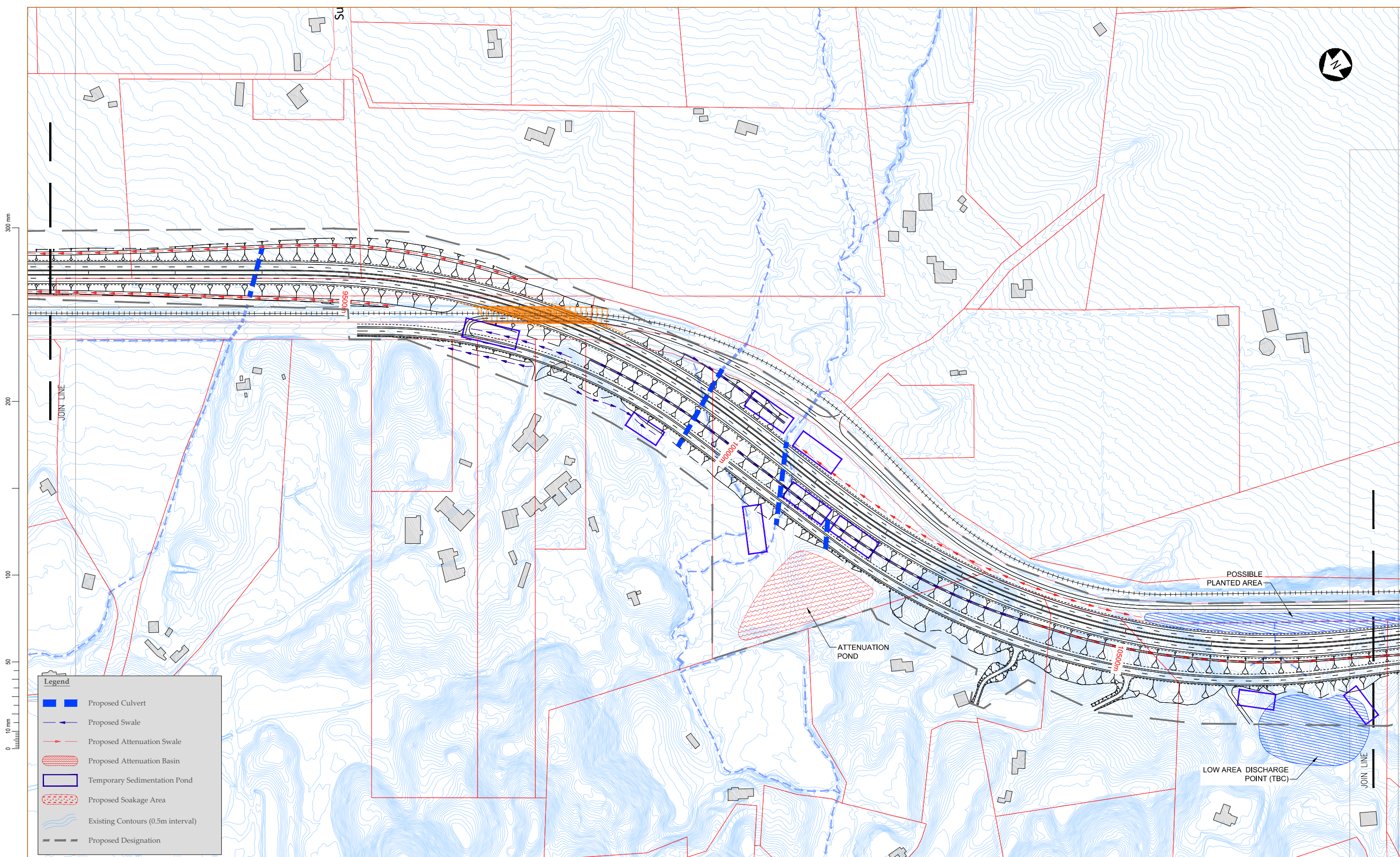
Revision	Amendment	Approved	Revision Date
R1	REVISION FOR SARA	GM	15/03/12



Project
NEW ZEALAND TRANSPORT AGENCY
PEKA PEKA TO NORTH OTAKI EXPRESSWAY
SCHEME ASSESSMENT

Drawn	Designed	Approved	Revision Date
R.QUINEY	R.COLES	T.COULMAN	09/2011
Project No:	Scale	Drawing No:	
5C1814.00	1:2000(A1), 1:4000(A3)	5/2664/1/5504	

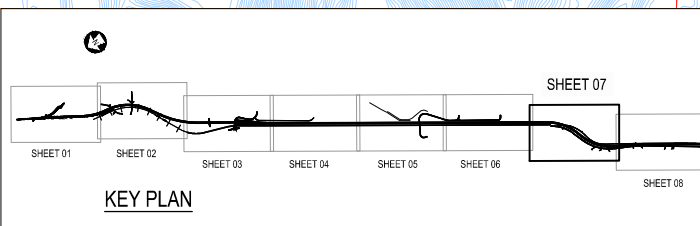
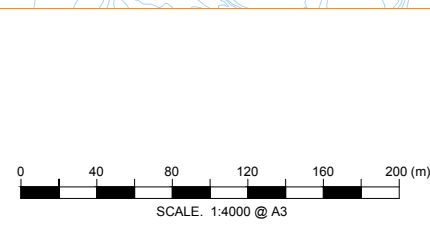
Sheet		Sheet No.	Revision
DRAINAGE PLAN SHEET 6 OF 8		DR06	R1



Legend

- █ Proposed Culvert
- Proposed Swale
- Proposed Attenuation Swale
- ▨ Proposed Attenuation Basin
- ▭ Temporary Sedimentation Pond
- ▨ Proposed Soakage Area
- ~ Existing Contours (0.5m interval)
- Proposed Designation

300 mm
200
100
50
0
10 mm
Horizontal

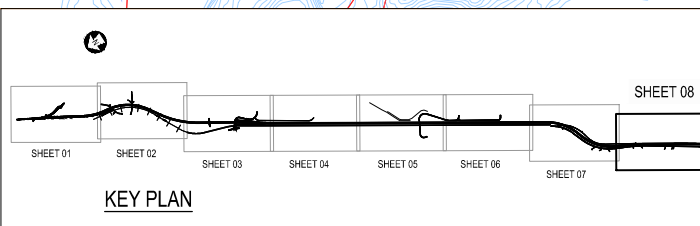
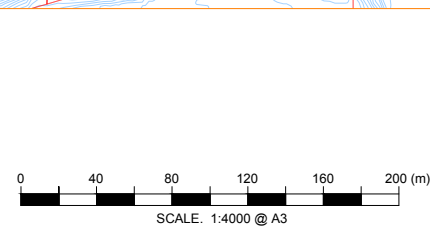
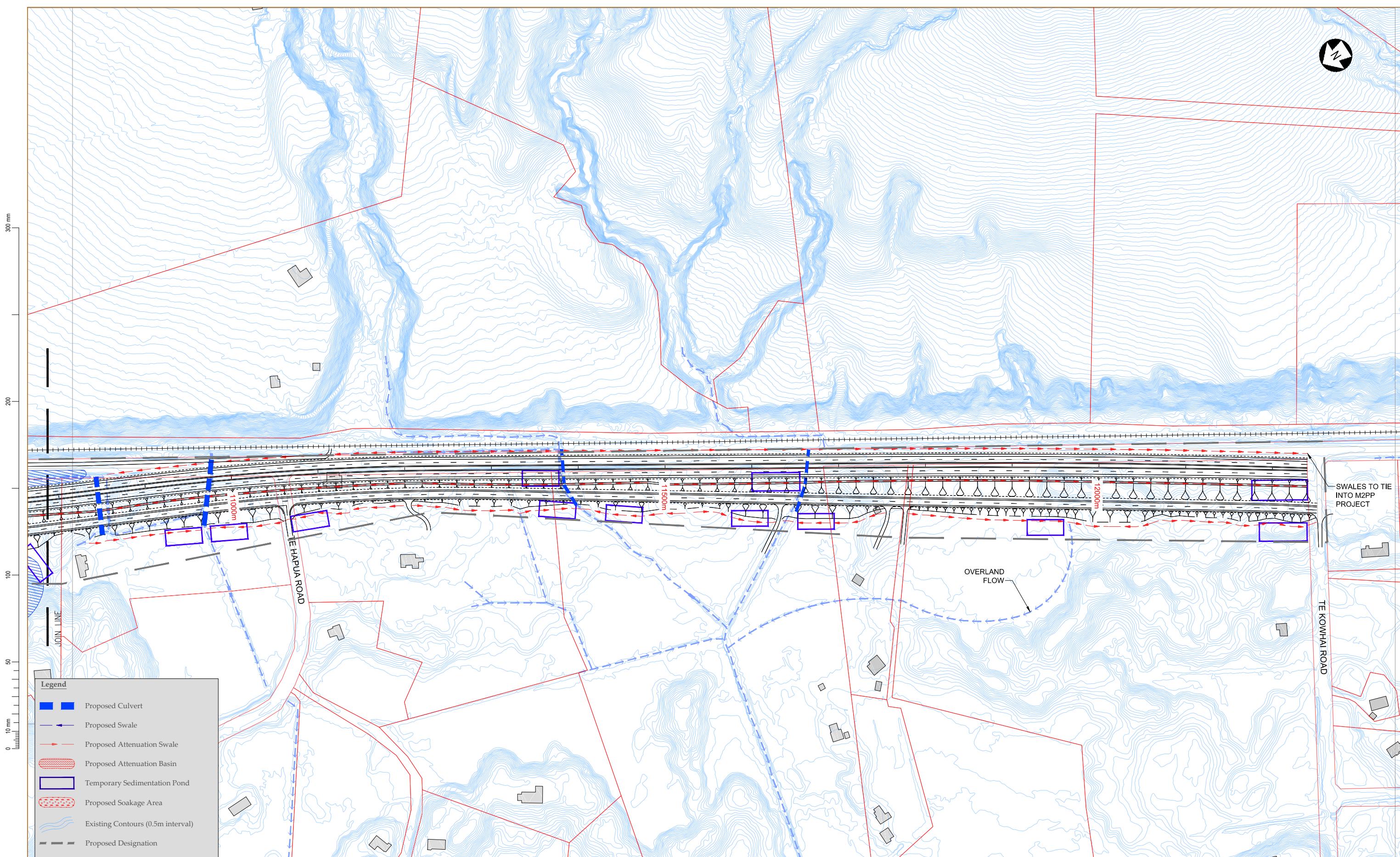


Revision	Amendment	Approved	Revision Date
R1	REVISION FOR SARA	GM	15/03/12



Drawn	Designed	Approved	Revision Date
R.QUINEY	R.COLES	T.COULMAN	09/2011
Project No: 5C1814.00		Scale: 1:2000(A1), 1:4000(A3)	

Project NEW ZEALAND TRANSPORT AGENCY PEKA PEKA TO NORTH OTAKI EXPRESSWAY SCHEME ASSESSMENT	
Sheet DRAINAGE PLAN SHEET 7 OF 8	
Sheet No: DR07	Revision R1



Revision	Amendment	Approved	Revision Date
R1	REVISION FOR SARA	GM	15/03/12



Drawn	Designed	Approved	Revision Date
R.QUINEY	R.COLES	T.COULMAN	09/2011
Project No. 5C1814.00		Scale 1:2000(A1), 1:4000(A3)	Sheet No. 5/2664/1/5504

Project	
NEW ZEALAND TRANSPORT AGENCY PEKA PEKA TO NORTH OTAKI EXPRESSWAY SCHEME ASSESSMENT	
Sheet	
DRAINAGE PLAN SHEET 8 OF 8	
Sheet No. DR08	Revision R1