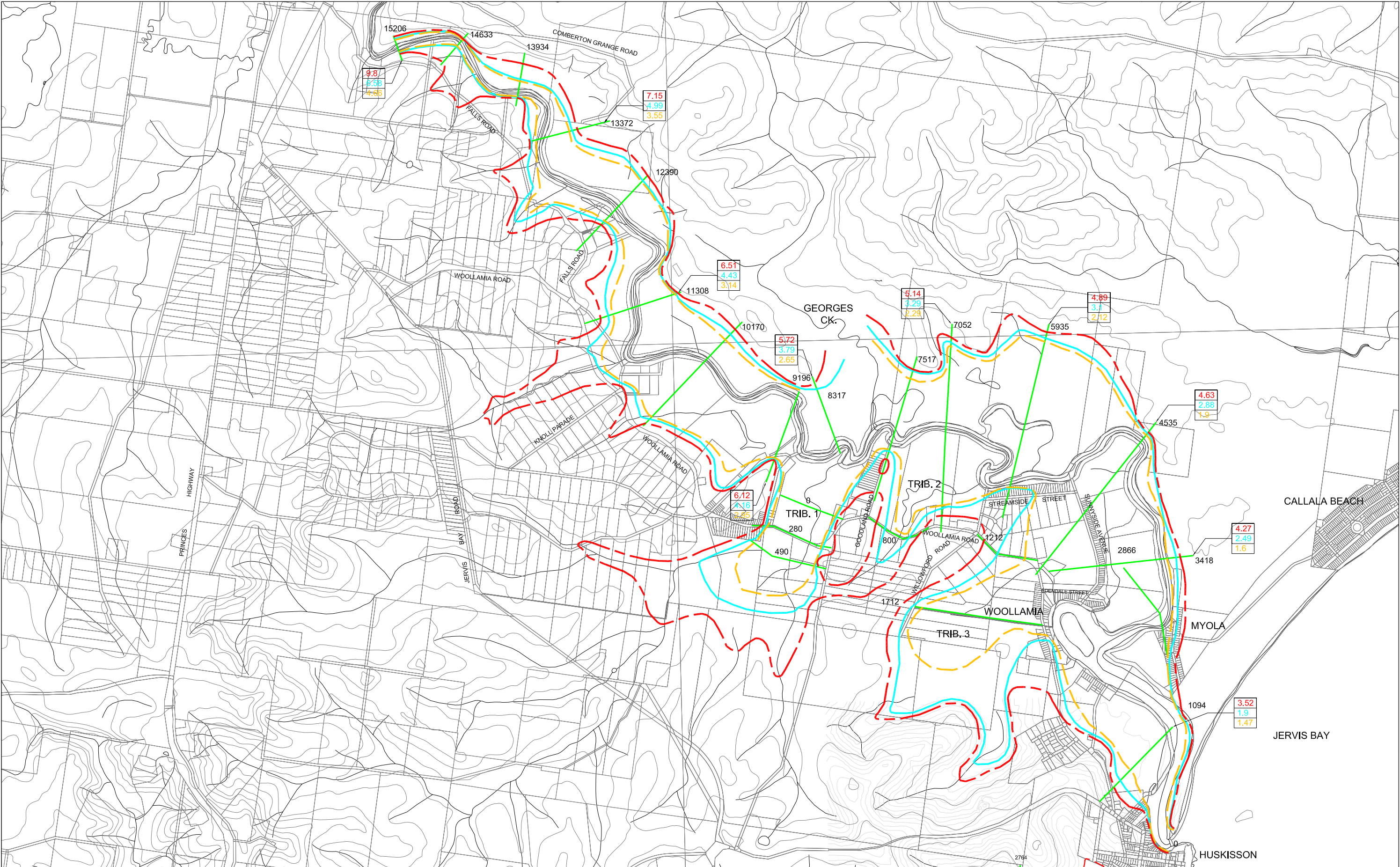




NOTE
THE EXTENTS OF FLOODING SHOWN WERE DETERMINED FROM SURVEYED CROSS SECTIONS OF THE CREEK AND FLOODPLAIN AND AVAILABLE CONTOUR DATA AND ARE APPROXIMATE ONLY. THE EXTENT OF INUNDATION OF INDIVIDUAL ALLOTMENTS NEAR THE FLOOD FRINGE SHOULD BE CONFIRMED BY SITE SPECIFIC SURVEY.

LEGEND

- PMF
- 100 YEAR ARI
- - - 10 YEAR ARI

PEAK FLOOD LEVELS

4.27	PMF
2.49	100 YEAR ARI
1.6	10 YEAR ARI

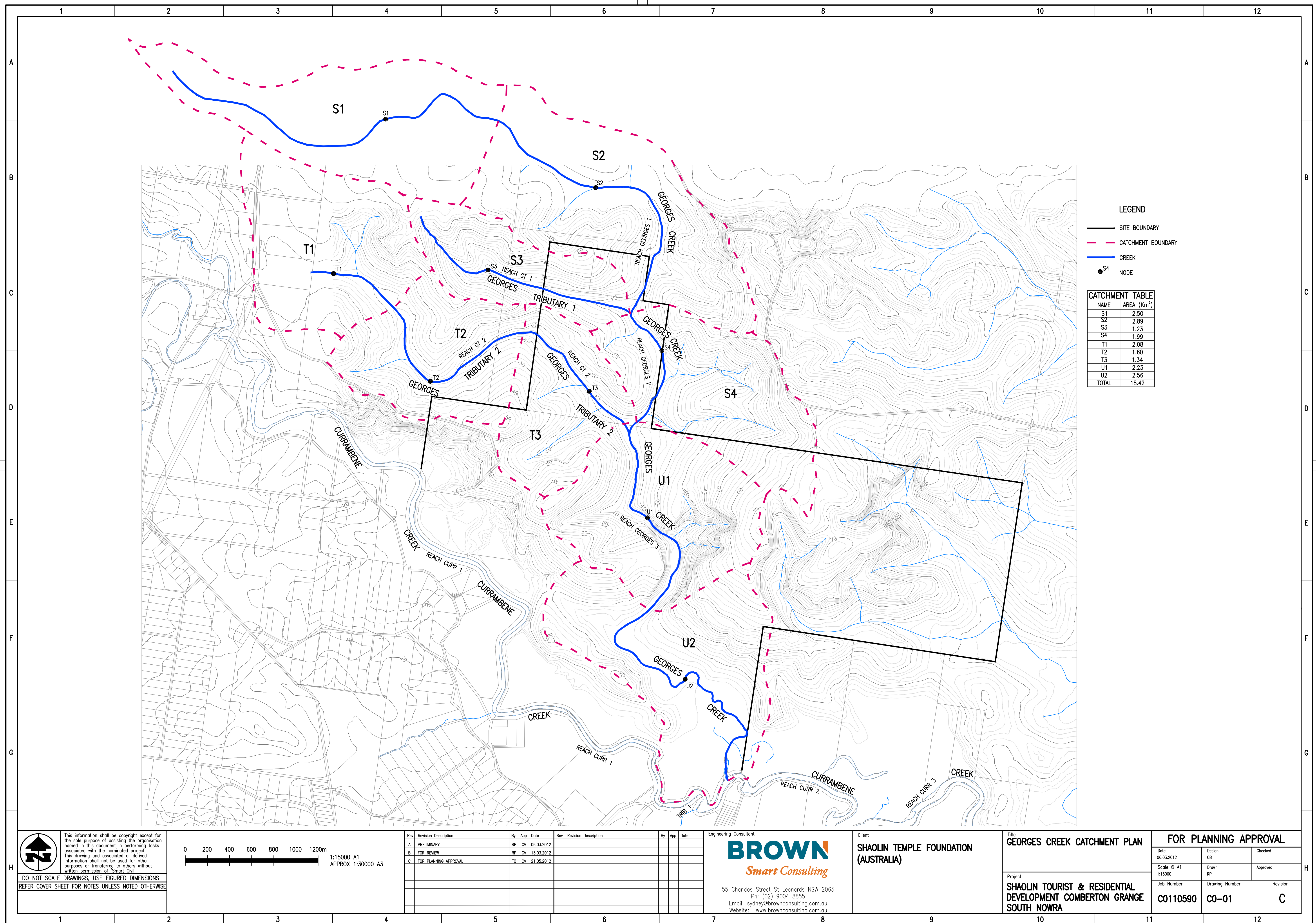
MODEL RIVER STATION

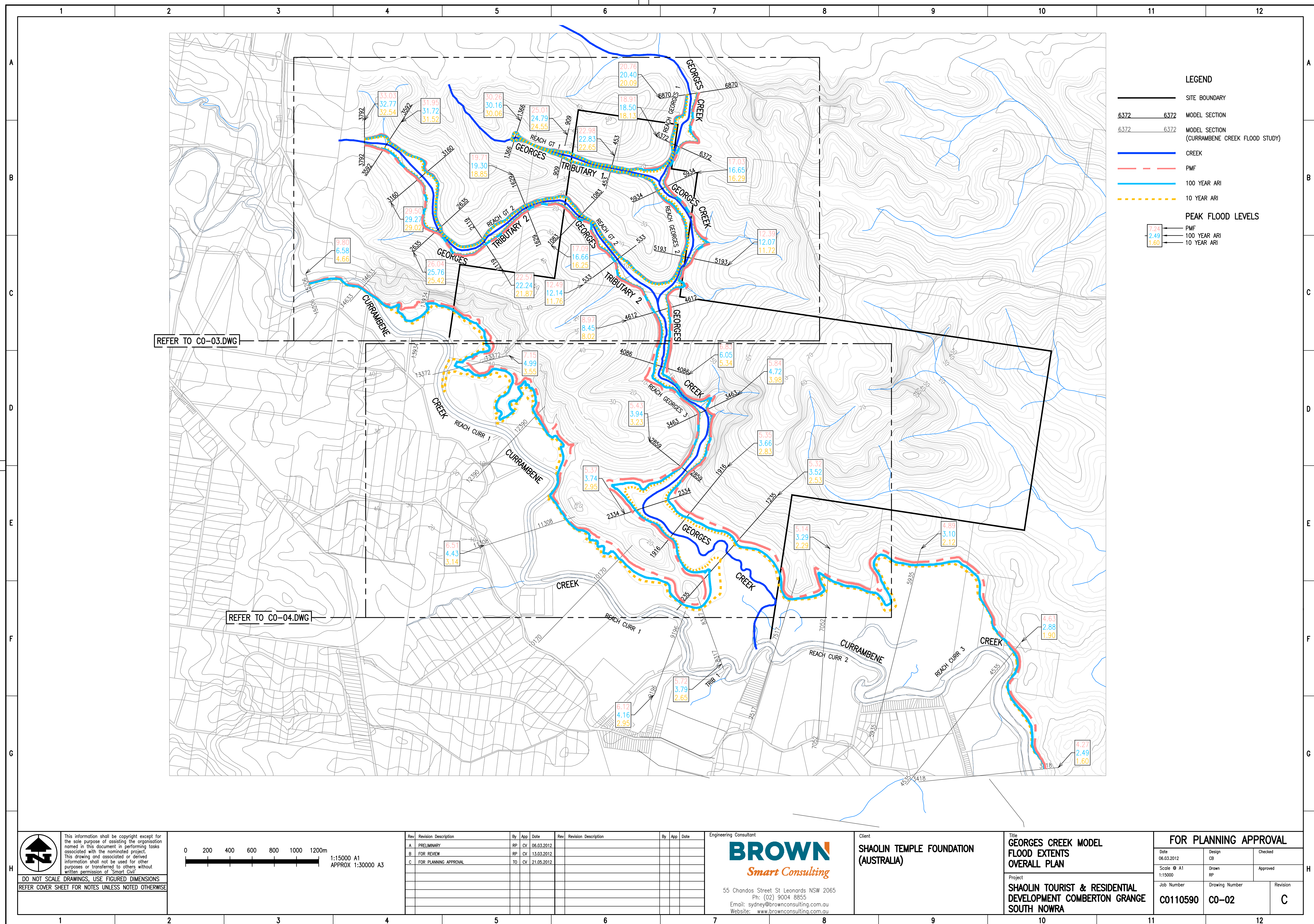
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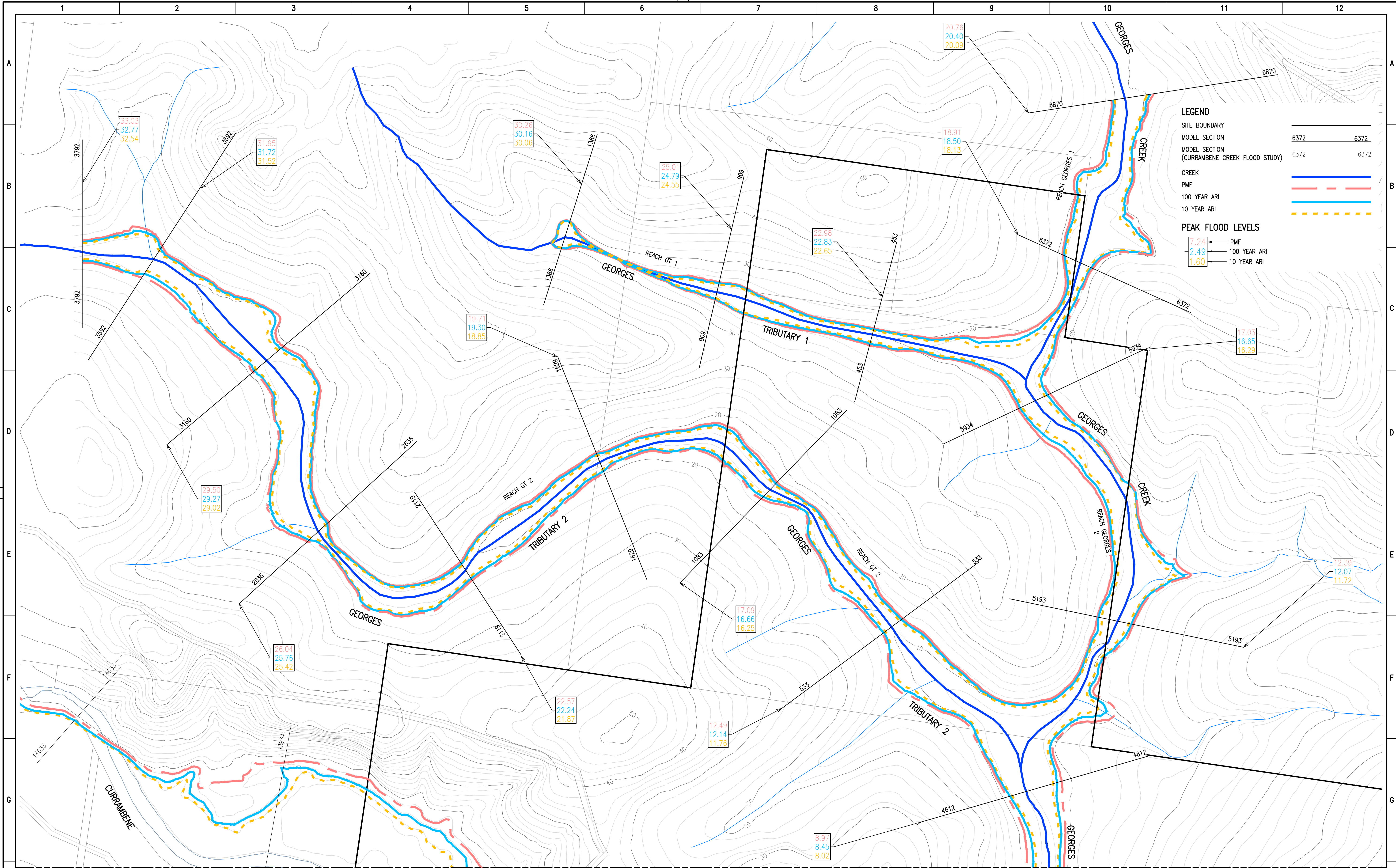
CURRAMBENE CREEK AND MOONA MOONA CREEK FLOOD STUDIES

Figure 4.5

CURRAMBENE CREEK
INDICATIVE EXTENTS OF INUNDATION
10 YEAR, 100 YEAR ARI AND PMF







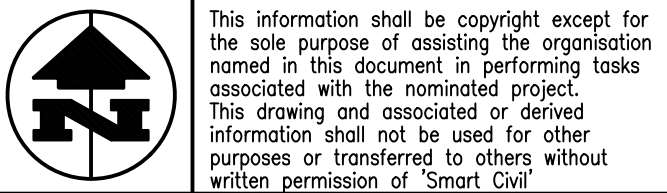
LEGEND

SITE BOUNDARY
MODEL SECTION
MODEL SECTION (CURRAMBENE CREEK FLOOD STUDY)
CREEK
PMF
100 YEAR ARI
10 YEAR ARI

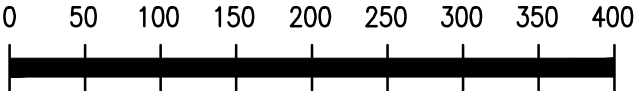
PEAK FLOOD LEVELS

7.24 PMF
2.49 100 YEAR ARI
1.60 10 YEAR ARI

JOINS SHEET C0-04



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1:5000 A1
APPROX 1:10000 A3

Rev	Revision Description	By	App	Date	Rev	Revision Description	By	App	Date
A	PRELIMINARY	RP	CV	06.03.2012					
B	FOR REVIEW	RP	CV	13.03.2012					
C	FOR PLANNING APPROVAL	TO	CV	21.05.2012					

Engineering Consultant

BROWN
Smart Consulting

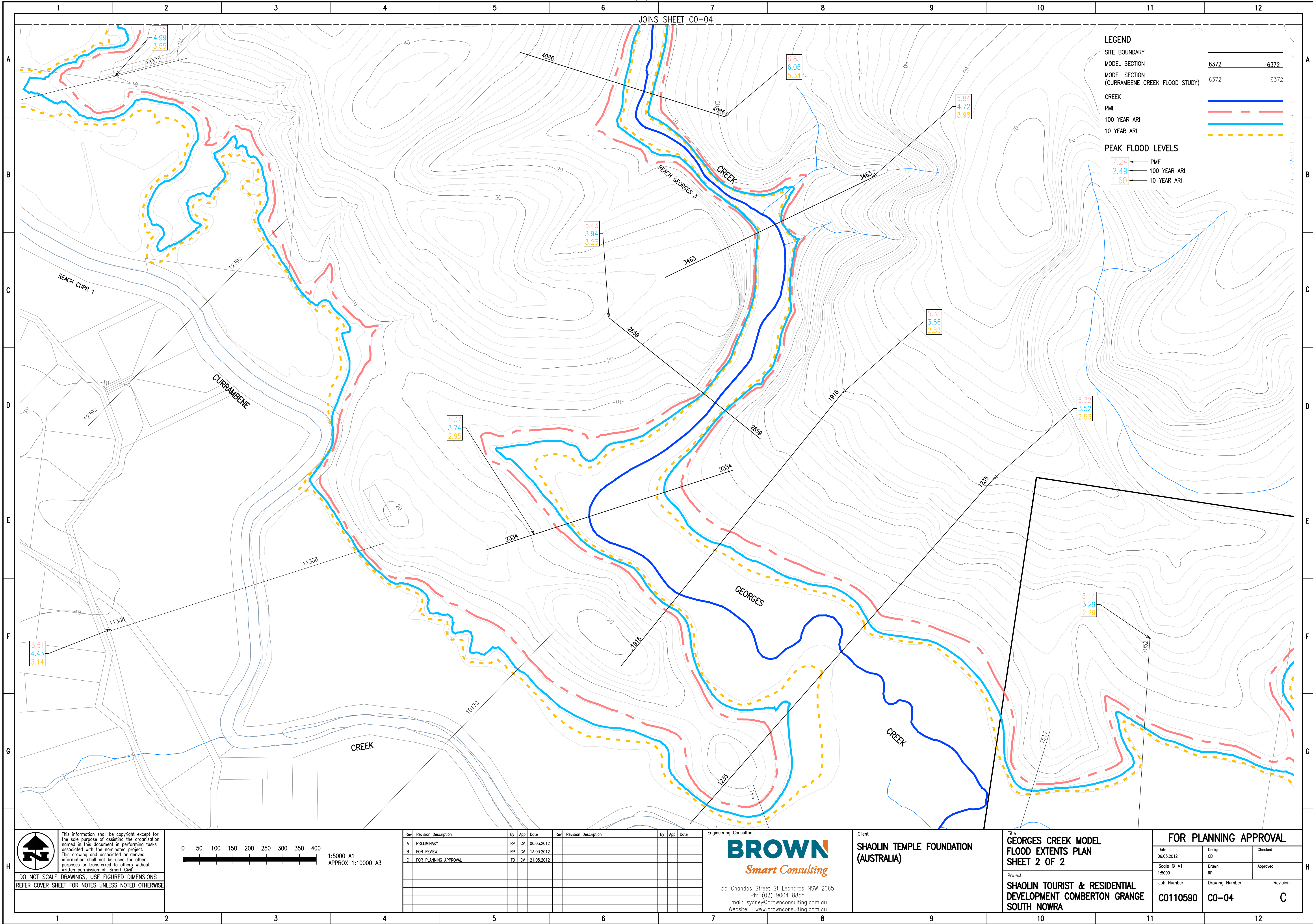
55 Chondos Street St Leonards NSW 2065
Ph: (02) 9004 8855
Email: sydney@brownconsulting.com.au
Website: www.brownconsulting.com.au

Client
**SHAOLIN TEMPLE FOUNDATION
(AUSTRALIA)**

Title
**GEORGES CREEK MODEL
FLOOD EXTENTS PLAN
SHEET 1 OF 2**

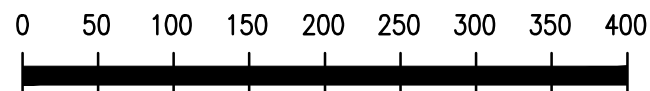
Project
**SHAOLIN TOURIST & RESIDENTIAL
DEVELOPMENT COMBERTON GRANGE
SOUTH NOWRA**

FOR PLANNING APPROVAL			
Date 06.03.2012	Design CB	Checked	
Scale @ A1 1:5000	Drawn RP	Approved	
Job Number C0110590	Drawing Number C0-03	Revision C	



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APPROX 1:10000 A3

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C	FOR PLANNING APPROVAL	TO	CV	21.05.2012					

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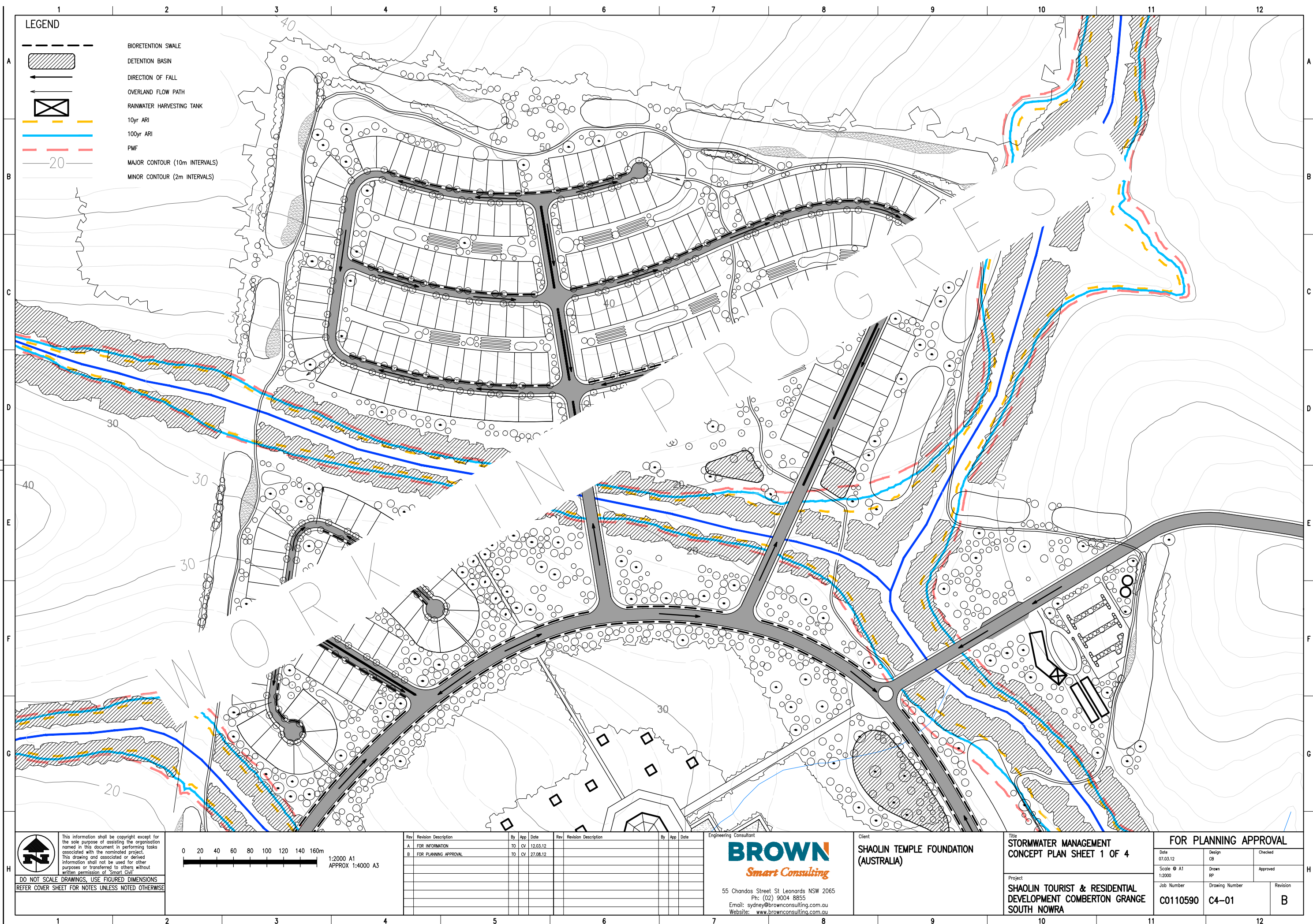
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(AUSTRALIA)**

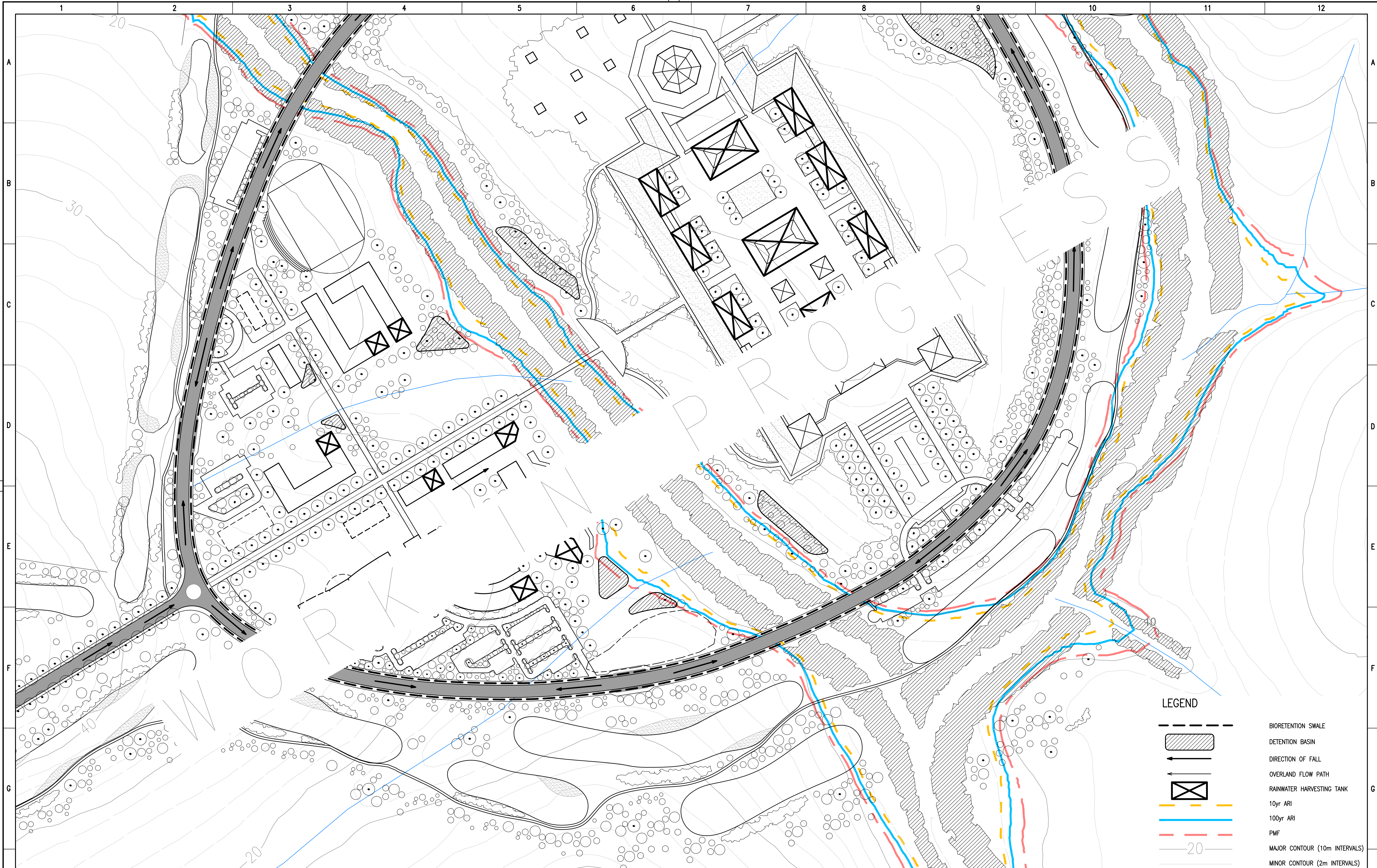
Title
**GEORGES CREEK MODEL
FLOOD EXTENTS PLAN
SHEET 2 OF 2**

Project
**SHAOLIN TOURIST & RESIDENTIAL
DEVELOPMENT COMBERTON GRANGE
SOUTH NOWRA**

FOR PLANNING APPROVAL

Date 06.03.2012	Design CB	Checked
Scale @ A1 1:5000	Drawn RP	Approved
Job Number C0110590	Drawing Number C0-04	Revision C



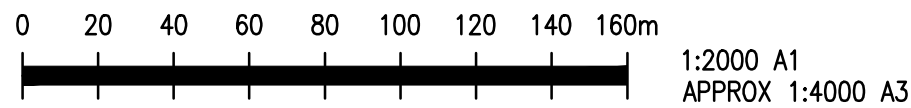


LEGEND

- BIORETENTION SWALE
- DETENTION BASIN
- DIRECTION OF FALL
- OVERLAND FLOW PATH
- RAINWATER HARVESTING TANK
- 10yr ARI
- 100yr ARI
- PMF
- MAJOR CONTOUR (10m INTERVALS)
- MINOR CONTOUR (2m INTERVALS)

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A	FOR INFORMATION	TO	CV	12.03.12					
B	FOR PLANNING APPROVAL	TO	CV	27.08.12					

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(AUSTRALIA)**

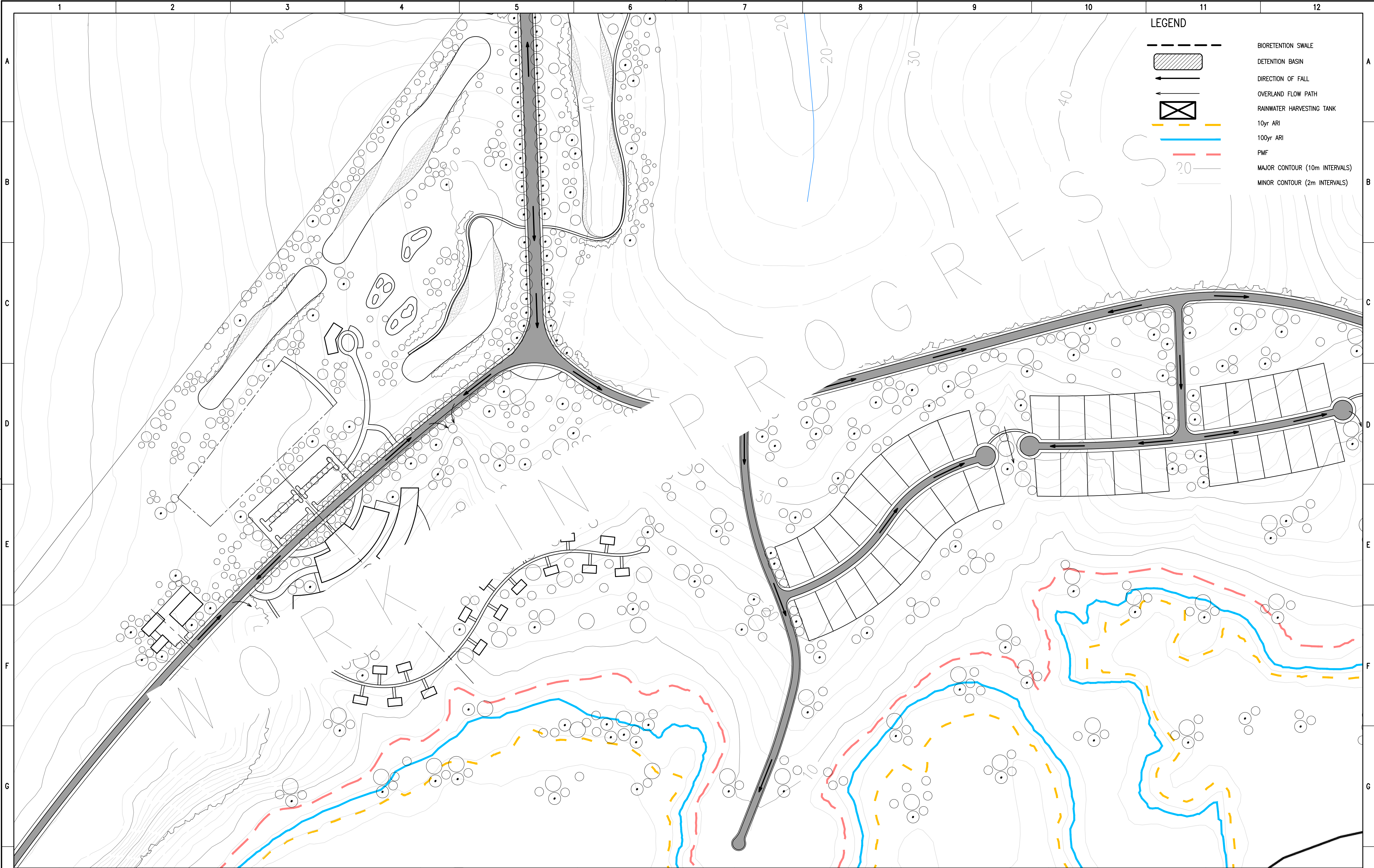
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**STORMWATER MANAGEMENT
CONCEPT PLAN SHEET 2 OF 4**

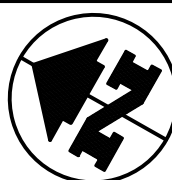
Project

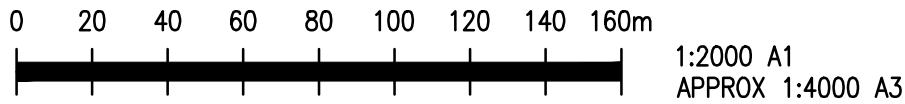
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DEVELOPMENT COMBERTON GRANGE
SOUTH NOWRA**

FOR PLANNING APPROVAL			
Date	Design	Checked	
07.03.12	CB		
Scale @ A1	Drawn	Approved	
1:2000	RP		
Job Number	Drawing Number	Revision	
C0110590	C4-02	B	



- LEGEND**
- BIORETENTION SWALE
 - DETENTION BASIN
 - DIRECTION OF FALL
 - OVERLAND FLOW PATH
 - RAINWATER HARVESTING TANK
 - 10yr ARI
 - 100yr ARI
 - PMF
 - MAJOR CONTOUR (10m INTERVALS)
 - MINOR CONTOUR (2m INTERVALS)


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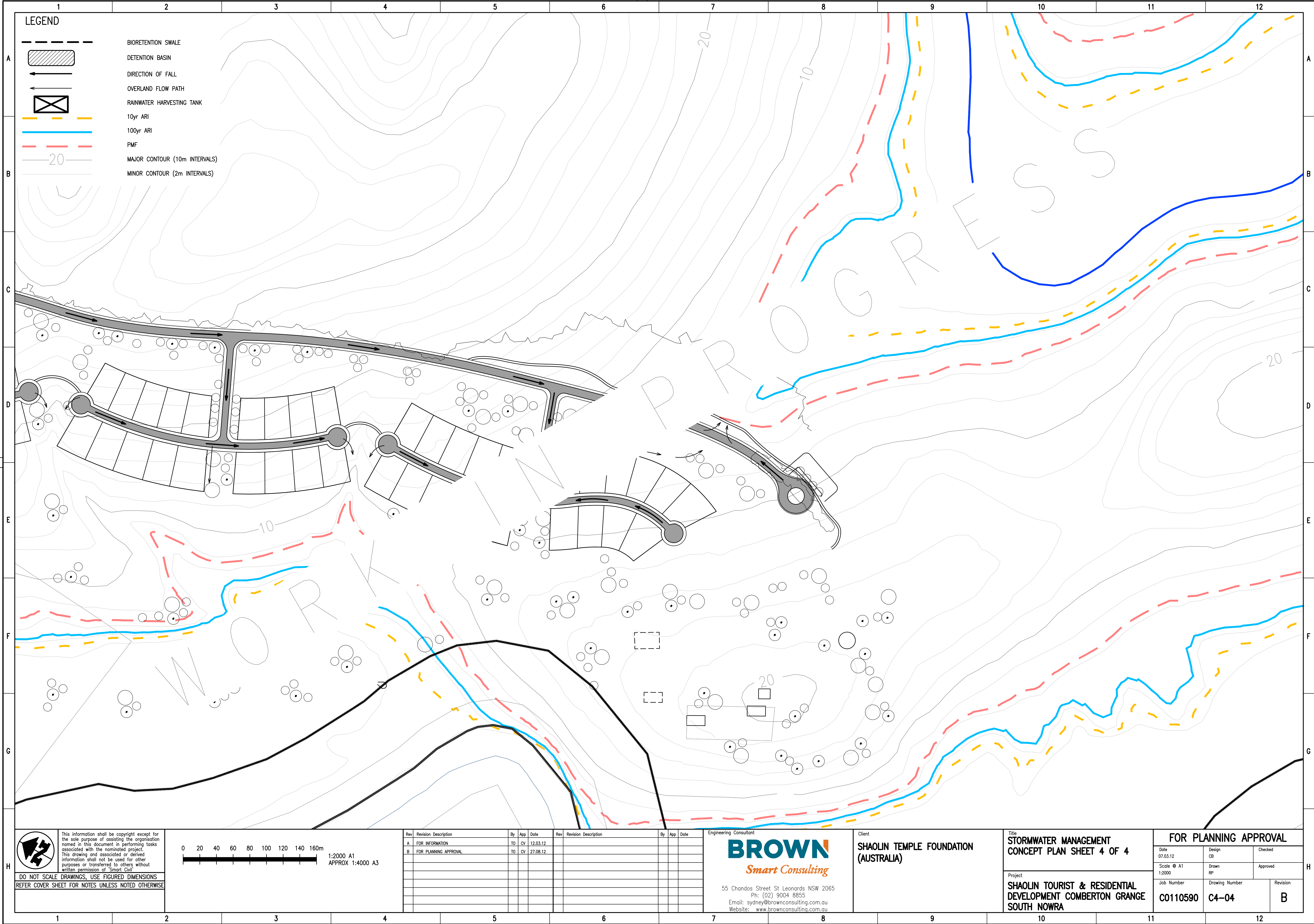
Engineering Consultant
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55 Chandos Street St Leonards NSW 2065
Ph: (02) 9004 8855
Email: sydney@brownconsulting.com.au
Website: www.brownconsulting.com.au

Client
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Title
STORMWATER MANAGEMENT CONCEPT PLAN SHEET 3 OF 4

Project
SHAOLIN TOURIST & RESIDENTIAL DEVELOPMENT COMBERTON GRANGE SOUTH NOWRA

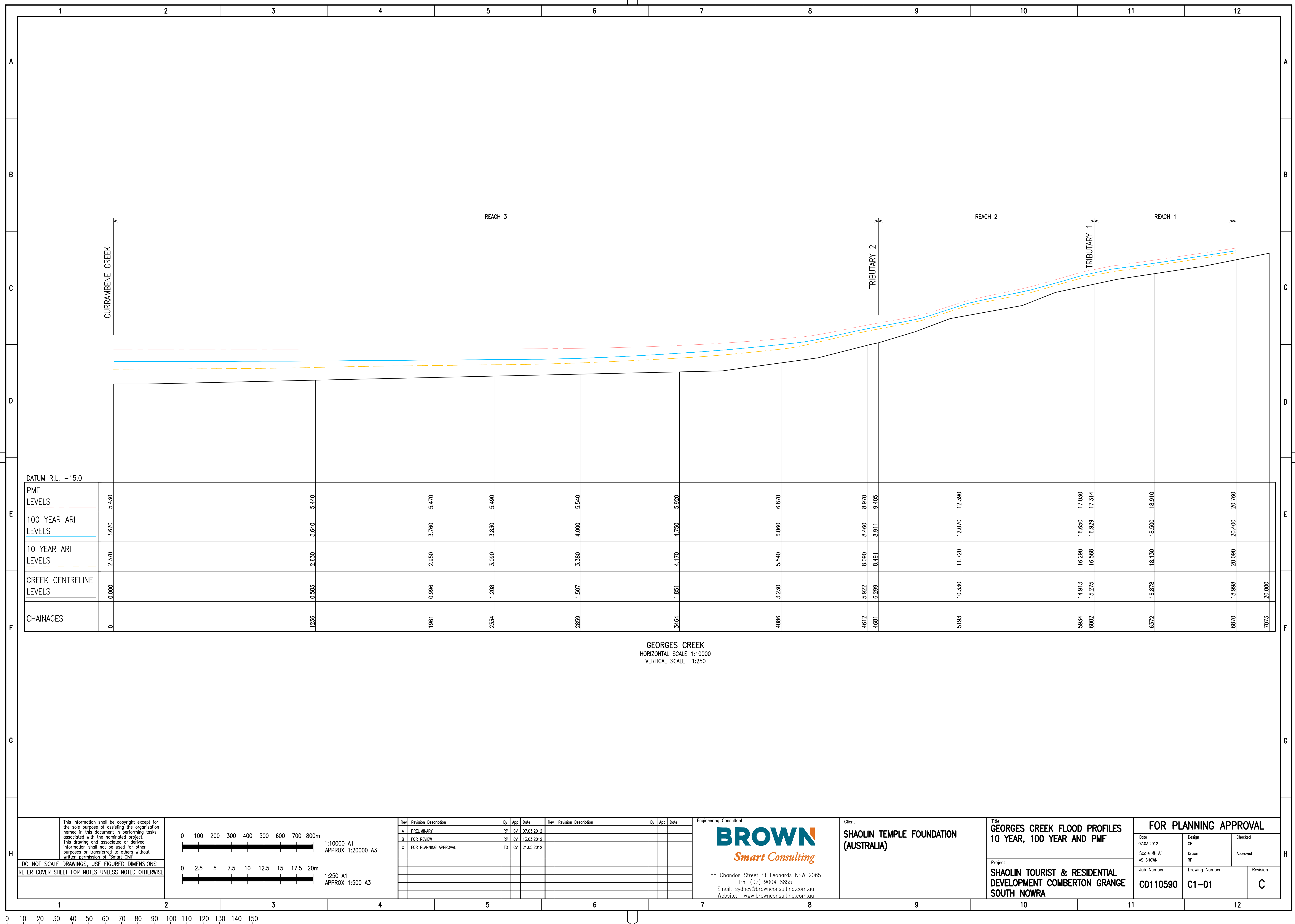
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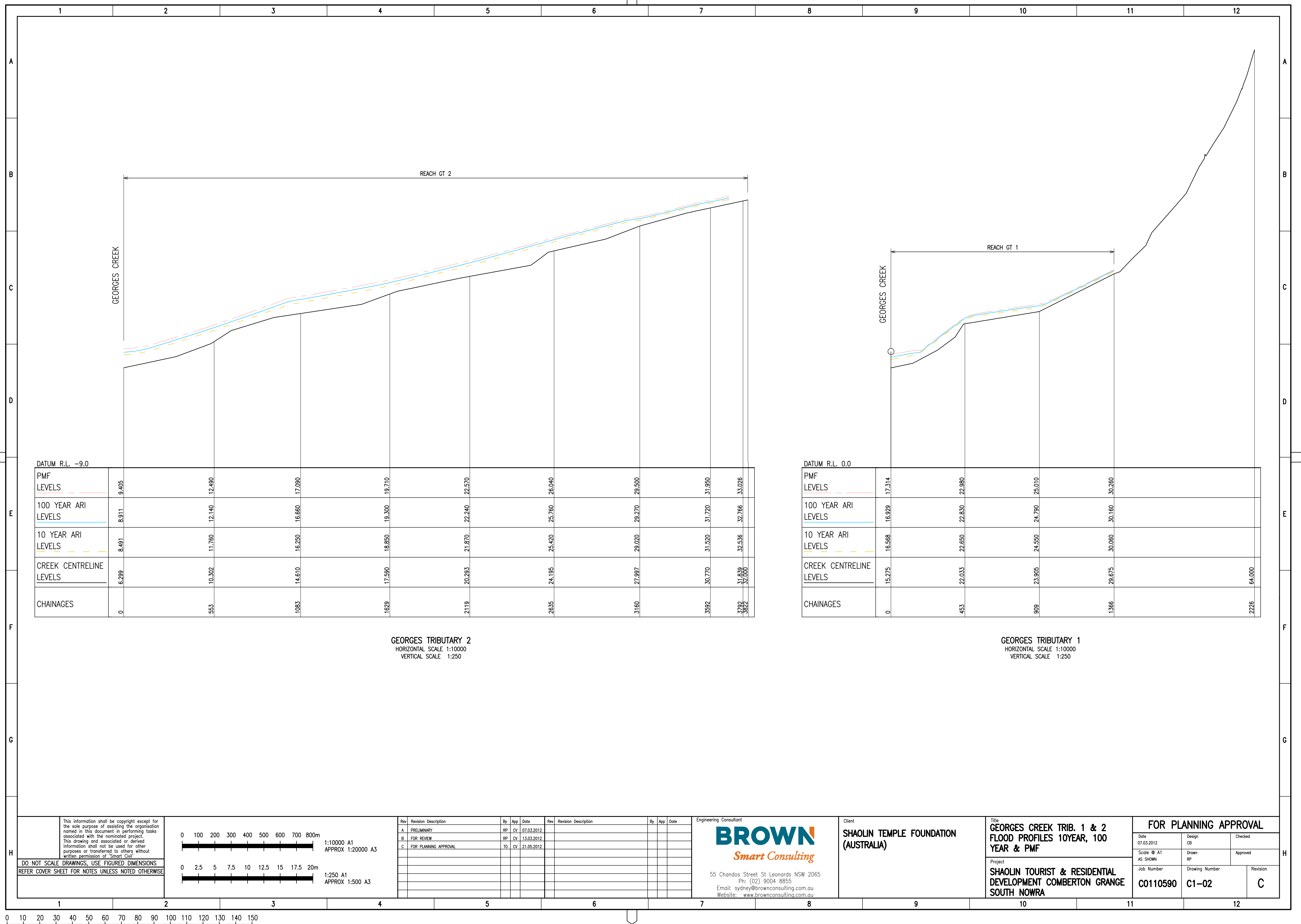


APPENDIX B

Flood Profiles

C0110590-C1-01	Georges Creek Flood Profiles – 10 Year, 100 Year ARI and PMF
C0110590-C1-02	Georges Creek Tributaries 1 & 2 Flood Profiles 10 Year, 100 Year ARI and PMF

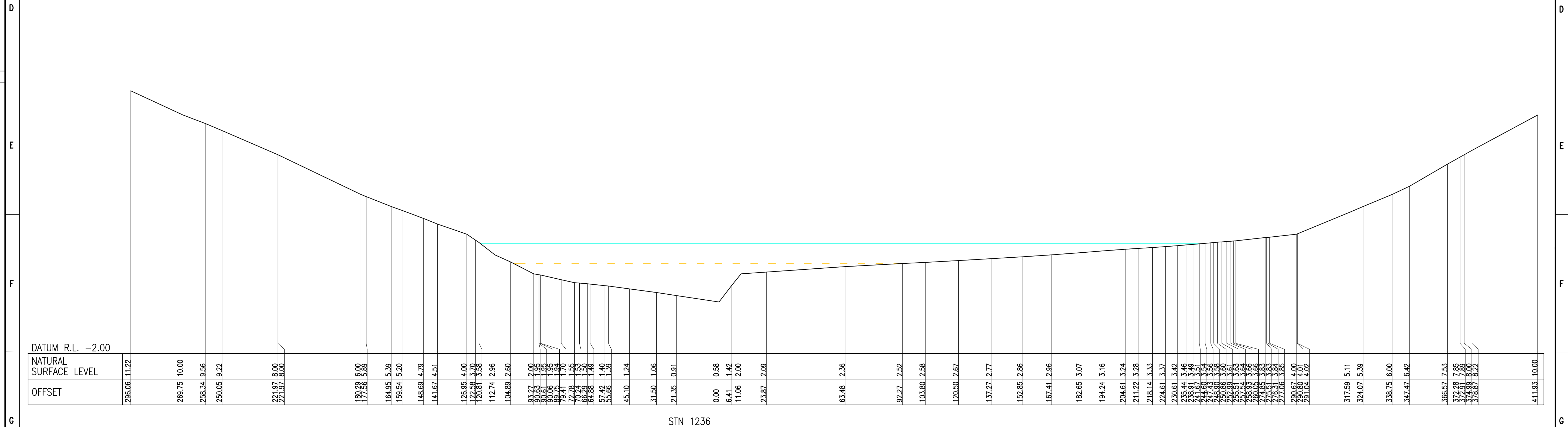
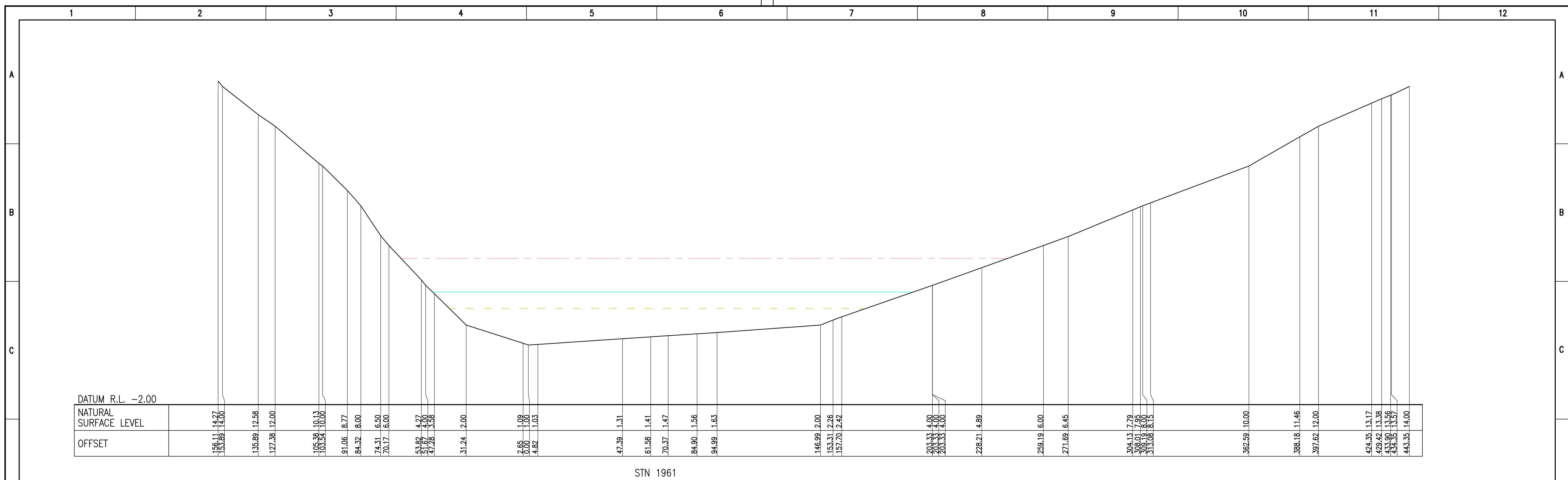




APPENDIX C

Georges Creek Cross-Sections

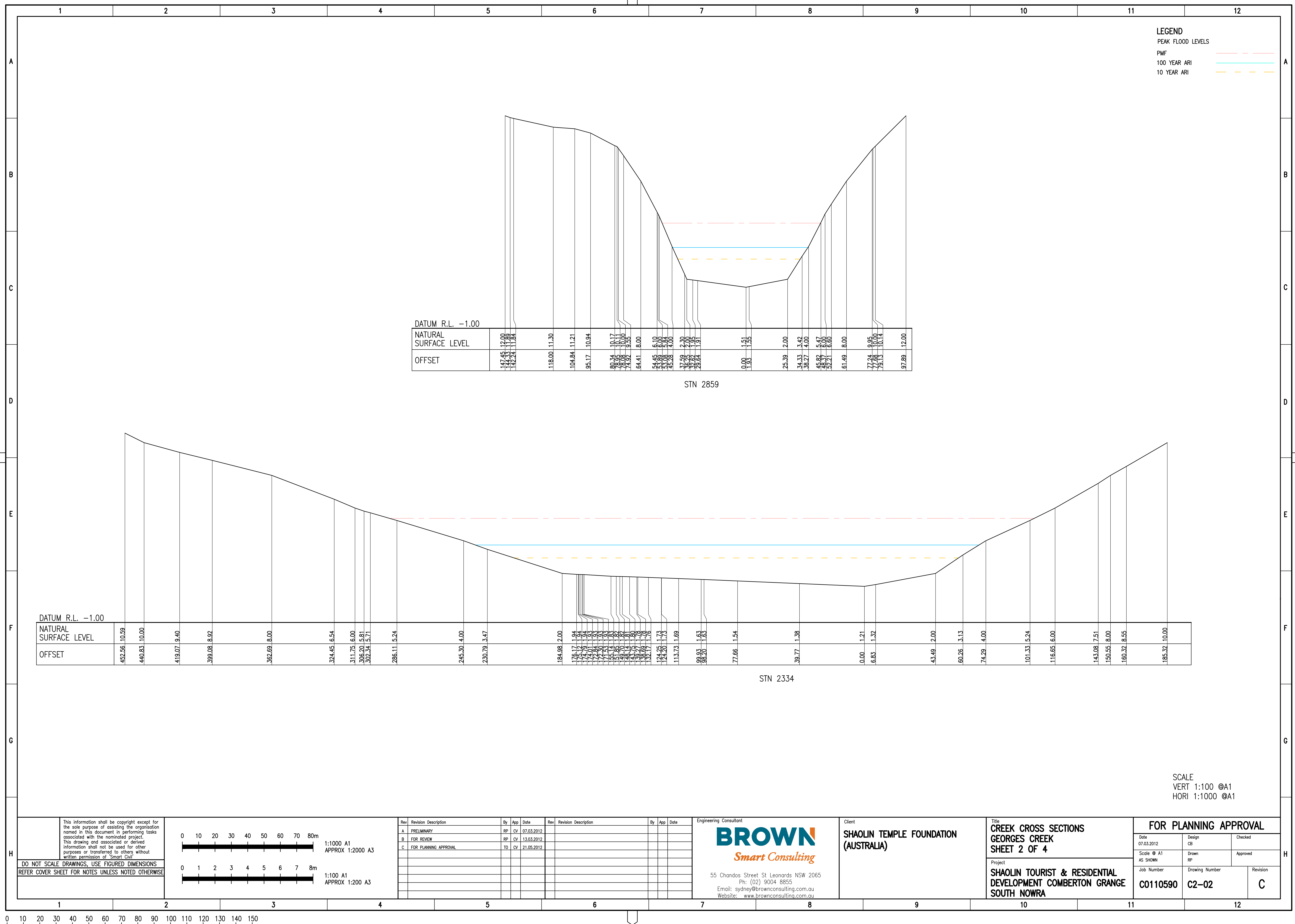
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C0110590-C2-02	Creek Cross Sections – Georges Creek – Sheet 2 of 4
C0110590-C2-03	Creek Cross Sections – Georges Creek – Sheet 3 of 4
C0110590-C2-04	Creek Cross Sections – Georges Creek – Sheet 4 of 4
C0110590-C2-05	Creek Cross Sections – Georges Creek Tributary 1
C0110590-C2-06	Creek Cross Sections – Georges Creek Tributary 2 – Sheet 1 of 3
C0110590-C2-07	Creek Cross Sections – Georges Creek Tributary 2 – Sheet 2 of 3
C0110590-C2-08	Creek Cross Sections – Georges Creek Tributary 2 – Sheet 3 of 3

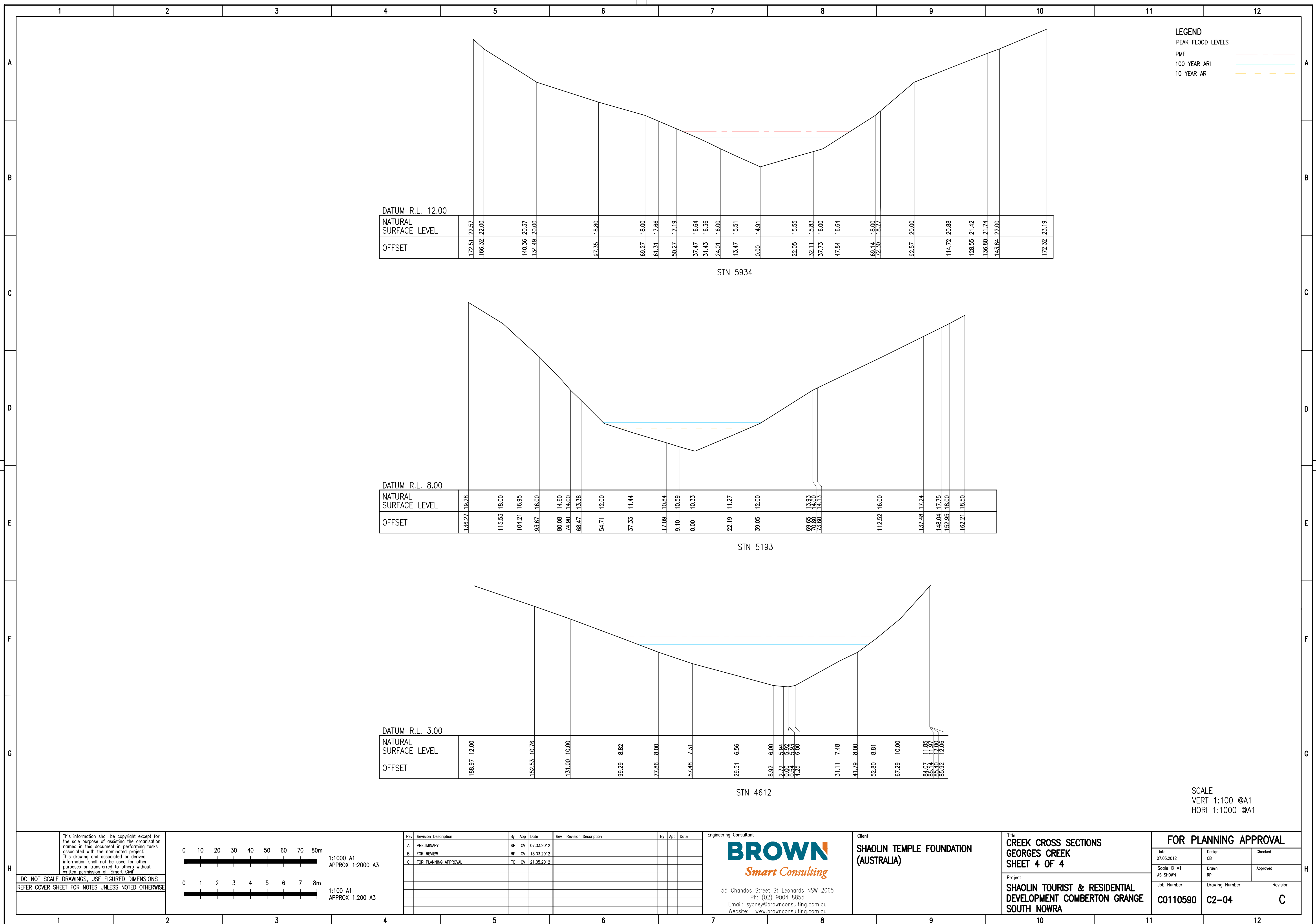


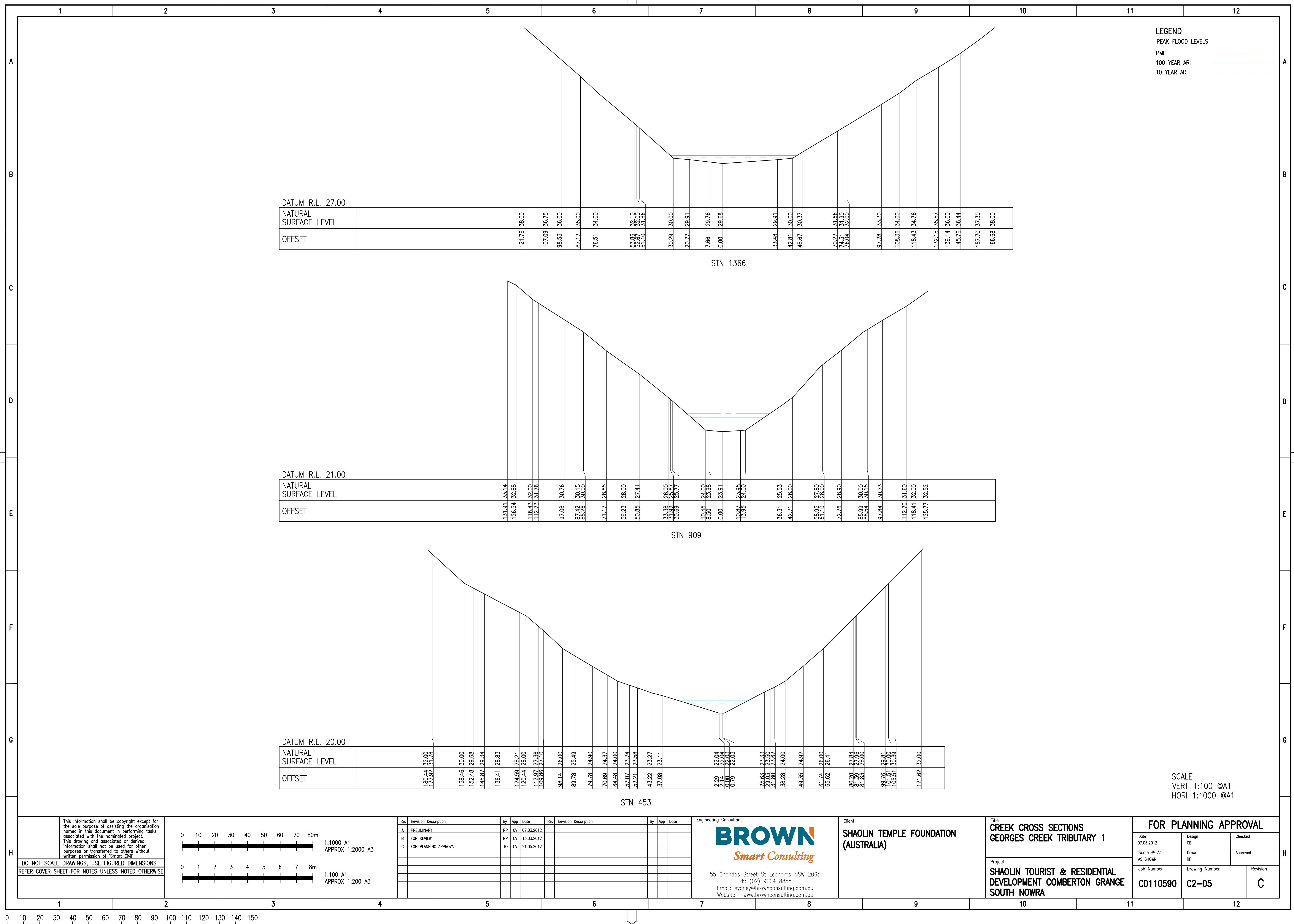
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[illegible]

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APPENDIX D

Effects of Climate Change

C0110590-C3-01	Currambene Creek Flood Profiles –100 Year ARI Variance in Mean Sea Level
C0110590-C3-02	Currambene Creek Flood Profiles –100 Year ARI Variance in Rainfall Intensities
C0110590-C3-03	Georges Creek Flood Profiles –100 Year ARI Variance in Rainfall Intensities
C0110590-C3-04	Georges Creek Tributaries 1 & 2 Flood Profiles –100 Year ARI Variance in Rainfall Intensities

