

Appendix C

Figure 1 - Existing Building Frontage

Figure 2 – Typical Cross Section

Drawings

MMHT Dwg 290669 DG01 Rev A Local Stormwater Characteristics

MMHT Dwg 290669 DG02 Rev A Existing Stormwater Conditions 1 of 2

MMHT Dwg 290669 DG02 Rev A Existing Stormwater Conditions 2 of 2

MMHT Dwg 290669 DG03 Rev A Proposed Stormwater Management

MMHT Dwg 290669 DG04 Rev A Typical Cross Sections



EXISTING BUILDING
FRONTAGE

FIGURE 1.

DATE: 13 June 2011

CROSS-SECTION ANALYSIS Book 7 AR&R

Slope (m/m)

0.0006

Water Level

5.82

Flow Input (m³/s)

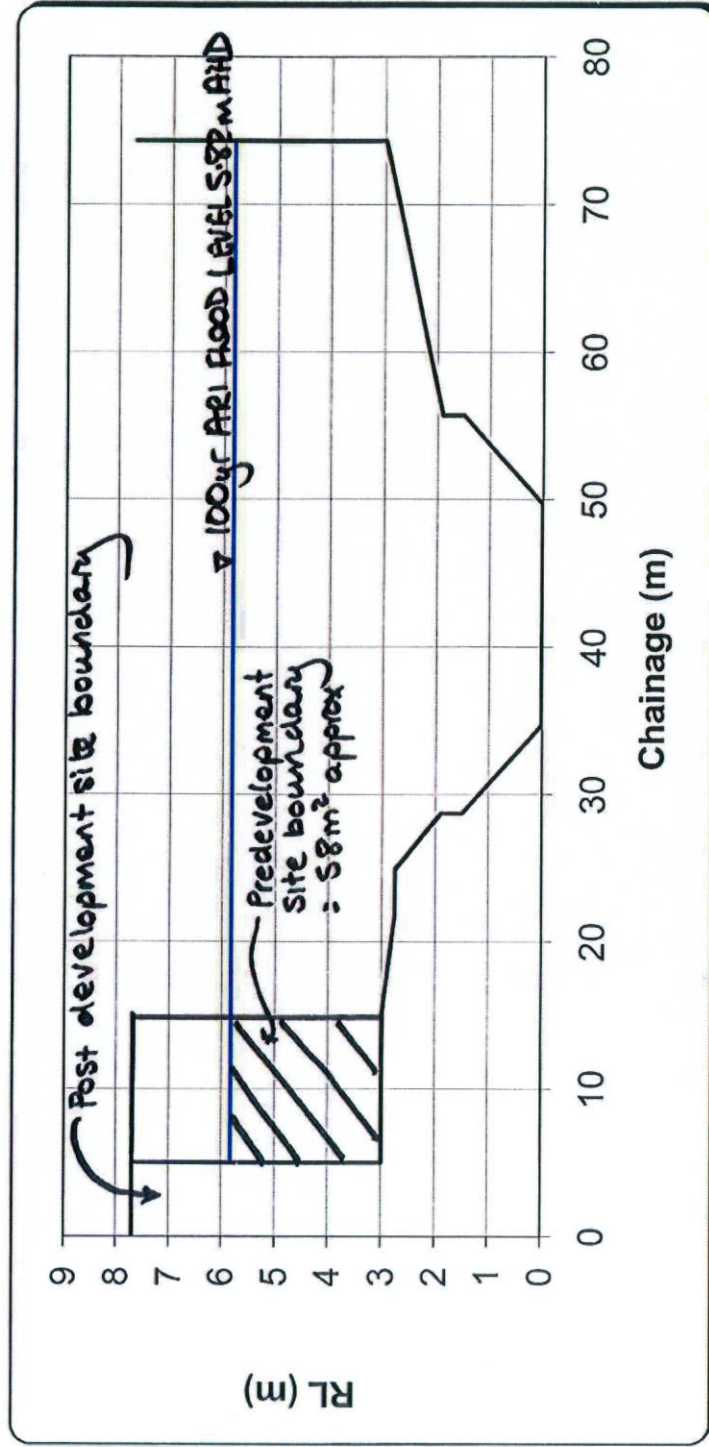
N/A.

Channel Markers

Left 2.77
Right 36.00

	Area	R	n	K	Flow (m ³ /s)	Velocity
Left Overbank	0.00	0.00	0.000	0	0.00	0.00
Main Channel	174.13	3.30	0.020	19313.7	473.09	2.72
Right Overbank	93.07	3.32	0.020	10356.3	253.68	2.73
Total	267.20	3.57	0.021	29669.9	726.762	2.72

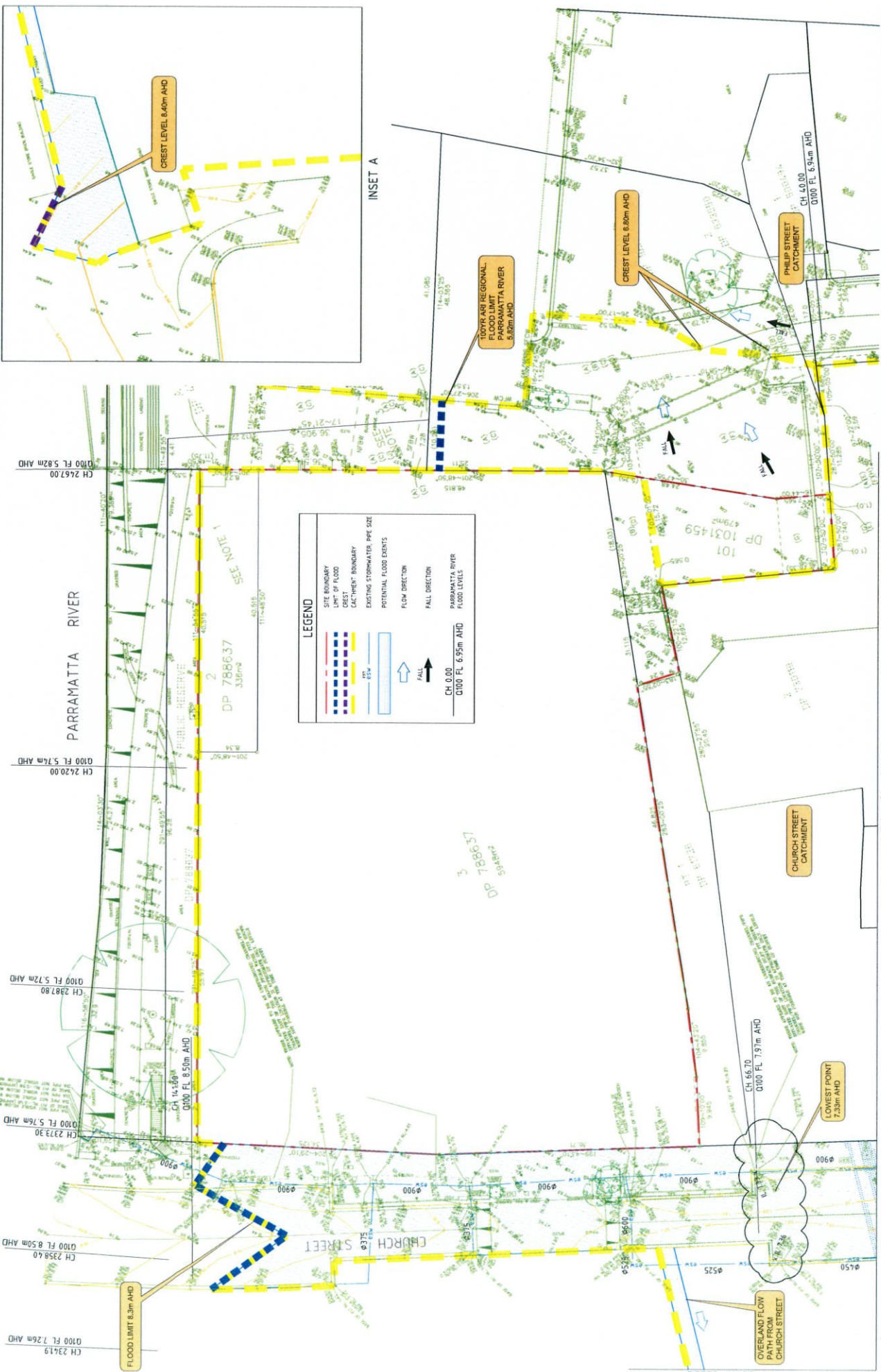
Chainage	RL	Mannings
0.00	7.70	
5.00	7.70	0.02
5.00	3.00	0.02
15.10	3.00	0.02
21.90	2.77	0.02
24.90	2.77	0.02
28.70	1.90	0.02
28.70	1.50	0.02
34.70	0.01	0.02
49.70	0.01	0.02
55.70	1.50	0.02
55.70	1.90	0.02
74.30	3.00	0.02
74.30	7.70	0.02



∴ pre DEVELOPMENT = 208 m², v = 3.5 m/s
post DEVELOPMENT = 264 m², v = 2.8 m/s

FIGURE 2
TYPICAL CROSS SECTION
23rd JUNE 2011
MMHT.

300mm
200mm
100mm
A1 SHEET



LEGEND

- SITE BOUNDARY
- LIMIT OF FLOOD
- CREST
- CATCHMENT BOUNDARY
- EXISTING STORMWATER PIPE SIZE
- POTENTIAL FLOOD EXENTS
- FLOW DIRECTION
- FALL DIRECTION
- PARRAMATTA RIVER FLOOD LEVELS

CH 0.00
Q100 FL 6.95m AHD

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Adjoins Sheet Next

NOT FOR CONSTRUCTION

EXISTING LOCAL FLOODING PLAN
SHEET 2 OF 2

RIVERFRONT APARTMENTS
330 CHURCH STREET
PARRAMATTA

TONY CARO ARCHITECTS

290699C-.DG02

02
05

B

Scale 1:250 @ A1

NORTH

Refer Inset A

Rev	Issued For Client Review	Issued For Client Review	Completed by	Checked by	Drawn by	Verified by	Approved by	Authorised / Reason For Issue
1	12.11.11	12.11.11	BT	NS	NS	NS	NS	

Adjoins Sheet Previous



LEGEND

- SITE BOUNDARY
- LIMIT OF FLOOD
- CREST
- CACIMERY BOUNDARY
- EXISTING STOPWATER, PIPE SIZE
- POTENTIAL FLOOD EXITS
- FLOW DIRECTION
- FALL DIRECTION
- PARRAMATTA RIVER FLOOD LEVELS

CH 0.00
Q100 FL 6.95m AHD

FALL
↑
FALL

NOT FOR CONSTRUCTION

EXISTING LOCAL FLOODING PLAN
SHEET 1 OF 2

Project
RIVERFRONT APARTMENTS
330 CHURCH STREET
PARRAMATTA

Client
MERTON
TONY CARO ARCHITECTS

Drawing No
290699C-DG02

Scale
1:500

Sheet
02 of 05

North Arrow
NORTH

Scale
SCALE 1:500 @ A1

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Revision

Rev	Issued For	Issue Date	By	Checked By	Reason / Reason For Issue
B	ISSUED FOR CLIENT REVIEW	15.11.21	BT	NS	
A	ISSUED FOR CLIENT REVIEW	24.08.21	BT	NS	

Authorised / Reason For Issue

Completed By
P. Caro

Checked By
P. Caro

Drawn By
P. Caro

Verified By
P. Caro

Approved By
P. Caro



- LEGEND**
- REGIONAL FLOOD PLANNING LEVEL Q100 + 500mm FREE BOARD (h&h)
 - CHURCH LOCAL FLOOD PLANNING LEVEL Q100 + 500mm FREE BOARD (h&h)
 - PROPOSED FINISHED FLOOR LEVEL (h&h)
 - PHILIP STREET LOCAL FLOOD PLANNING LEVEL Q100 + 300mm FREE BOARD (h&h)

- NOTES**
- CHURCH FREEBOARD IS DEFINED IN 'RIVERBANK SITE CONTOURS' SET.
 - LOCAL FLOODING NOT DEFINED IN PARRAMATTA COUNCIL DCP.

NOT FOR CONSTRUCTION

Project: RIVERFRONT APARTMENTS
330 CHURCH STREET
PARRAMATTA

Drawn: 03
Check: 05
290699C-.DG03

Client: MERTON
Architect: TONY CARO ARCHITECTS

Project: RIVERFRONT APARTMENTS
330 CHURCH STREET
PARRAMATTA

Drawn: 03
Check: 05
290699C-.DG03

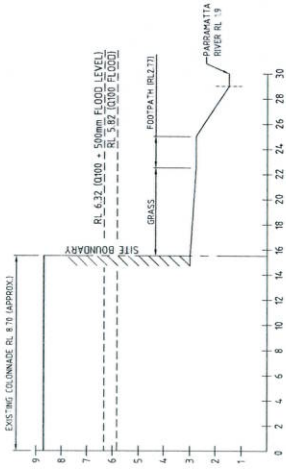
Client: MERTON
Architect: TONY CARO ARCHITECTS



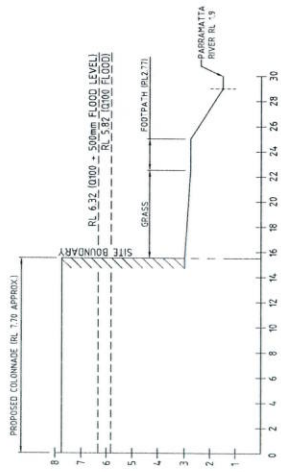
Scale: 1:250
PLAN SCALE 1:250 @ A1

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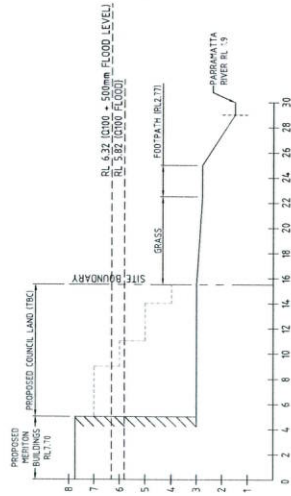
Rev	Date	Completed by	Checked by	Drawn by	Design	Rev	Reason for Issue
1	15/05/2019	BY	NS	NS	NS		
2	15/05/2019	BY	NS	NS	NS		



SECTION A1 (EXISTING)
(TYPICAL)



SECTION A2 (PROPOSED OPTION 1
CH 2420)



SECTION A2 (PROPOSED OPTION 2
CH 2420)

NOT FOR CONSTRUCTION	
TYPICAL CROSS SECTIONS	
Project: RIVERFRONT APARTMENTS 330 CHURCH STREET PARRAMATTA	
Client: MERITON	Project No: 290699C-DG04
Architect: TONY CARO ARCHITECTS	Page: 04 of 05
 Mott MacDonald 4th Floor, 100 Pitt Street, Sydney, NSW 2000, Australia Phone: +61 (0)2 9250 6000 Fax: +61 (0)2 9250 6001 Email: enquiries@mottmac.com	
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This drawing was prepared using AutoCAD 2014. It is not a final drawing and should not be used for construction purposes.	
Drawing No: 290699C-DG04-04	
Date: 14/11/2014	
Drawn by: BT	
Checked by: NS	
Approved by: PHB	
Issue: 1	
Amendment / Request for Issue	

- NOTES**
1. FINAL LAYOUT OF THE OSD TANK WILL BE SUBJECT TO COORDINATION WITH THE STRUCTURAL ENGINEER.
 2. THE OSD AREA SHOWN ON THE DRAWING IS INDICATIVE ONLY. FINAL DETAIL TO BE CONFIRMED WITH ARCHITECT AND STRUCTURAL ENGINEER.

PARRAMATTA RIVER

PUBLIC RESERVE

DP 215036
LEASE AREA

OPTION 1
OPTION 2

OPTION 3

OPTION 4

OPTION 5

OPTION 6

OPTION 7

OPTION 8

OPTION 9

OPTION 10

OPTION 11

OPTION 12

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