

14 July 2016

141211-rev01

WENONA PROJECT ARCHIMEDES

SECTION 96 STORMWATER STATEMENT

This statement is provided to support the proposed Section 96 submission for Wenona School Redevelopment located at 255-265 Millet St, North Sydney. This Section 96 statement must be read in conjunction with Taylor Thomson Whitting (TTW) Pty Ltd's Stormwater Management Plan report dated 11 June 2015.

The location of the stormwater on-site detention (OSD) tank is relocated to a new location. The old location during the development application stage was located under the entry ramp off Elliot Street. This Section 96 application proposes the OSD tank near the south east corner of the proposed redevelopment area - refer to sketch 1 below for location of the new OSD tank. The new location is necessary due to lack of space at the approved location which is now predominantly occupied by Mechanical structures.

The new OSD tank location is suitable with a provision for overland flowpath in an event of the tank being blocked. The overland flowpath flows in the southern direction consistent with the pre-development overland flow regime and natural fall of the ground. The OSD tank system is designed to cater for up to and including the 100-year Average Recurrence Interval (ARI) storms event. Our analysis shows the new OSD tank location will not have adverse impact onto the neighbouring properties.

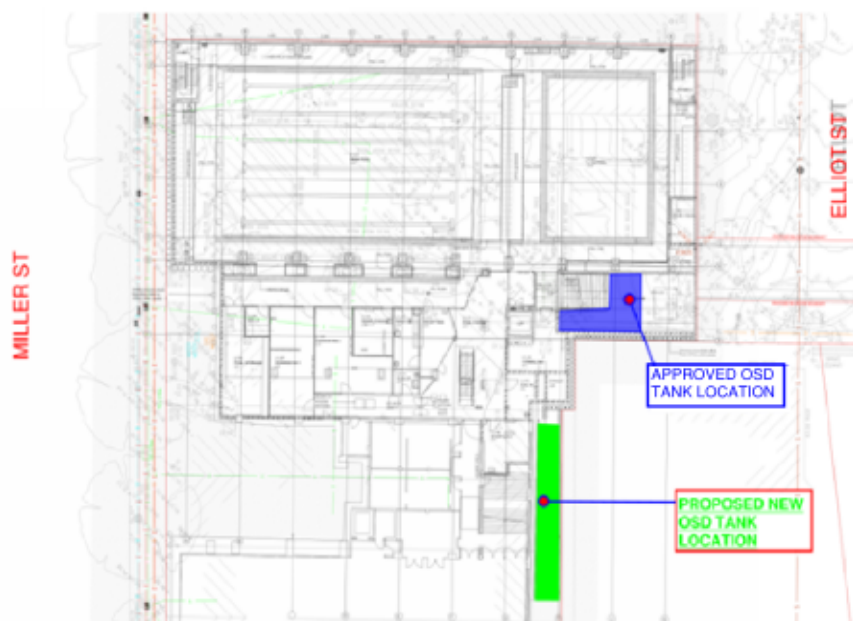


Figure 1: OSD Tank Location Plan

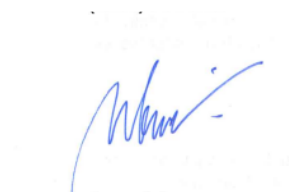
We confirm that the Section 96 application provides the Council-required OSD storage and permissible site storage (PSD), consistent with the previously approved OSD system which are as follows:

- Storage Volume Requirement = 32 m³ minimum
- PSD = 46.3 l/s for the proposed redevelopment

Refer to **Appendix A** of this statement for a sketch showing the proposed revised OSD tank system.

Should you require anything further please contact the undersigned.

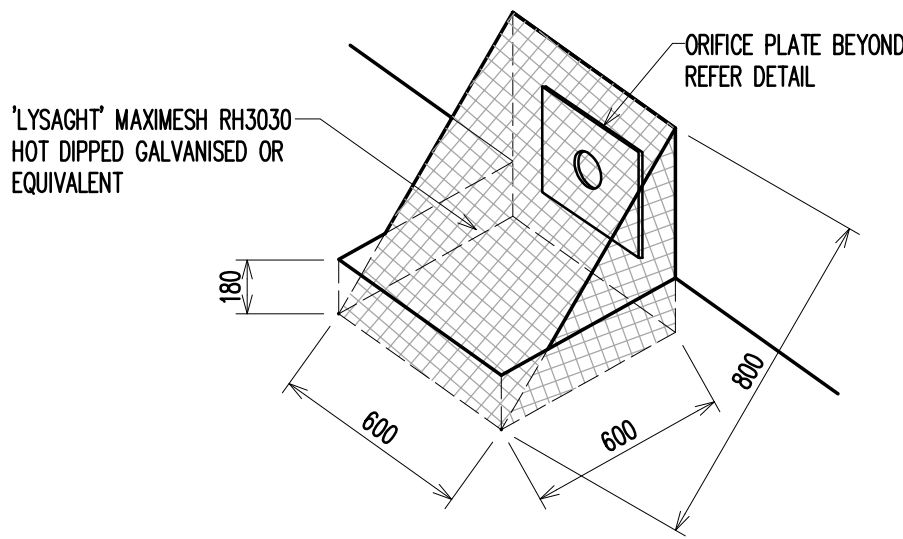
Yours faithfully
TAYLOR THOMSON WHITTING (NSW) PTY LTD

A handwritten signature in blue ink, appearing to read 'Nemesisio Biason Jr', is written over a faint, light blue rectangular stamp.

Nemesisio Biason Jr
Associate

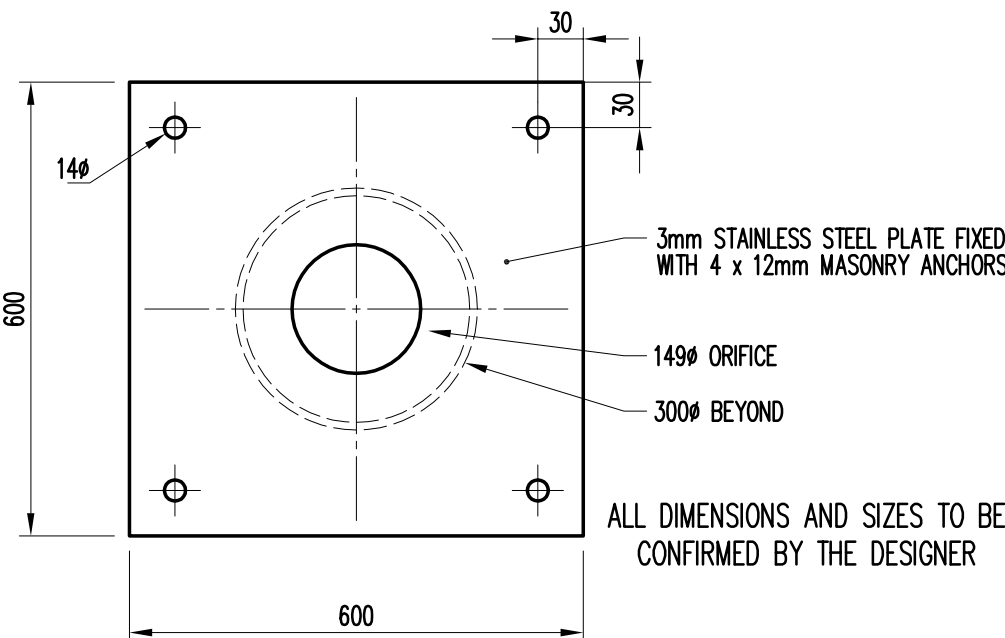
P:\2014\1412\141211\Reports\TTW\Section 96_Stormwater Report_REv1.docx

APPENDIX A



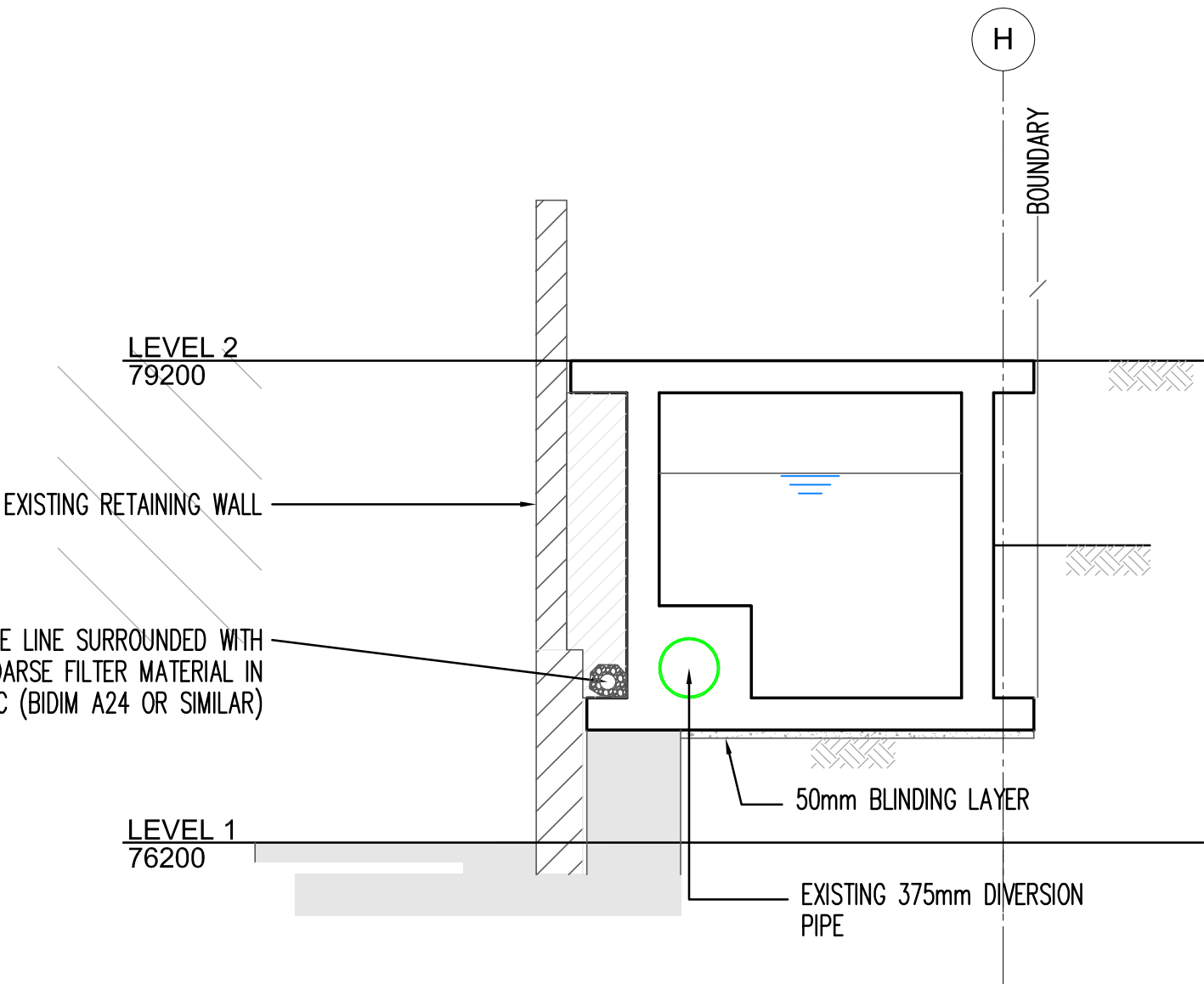
TRASH SCREEN DETAIL

NTS

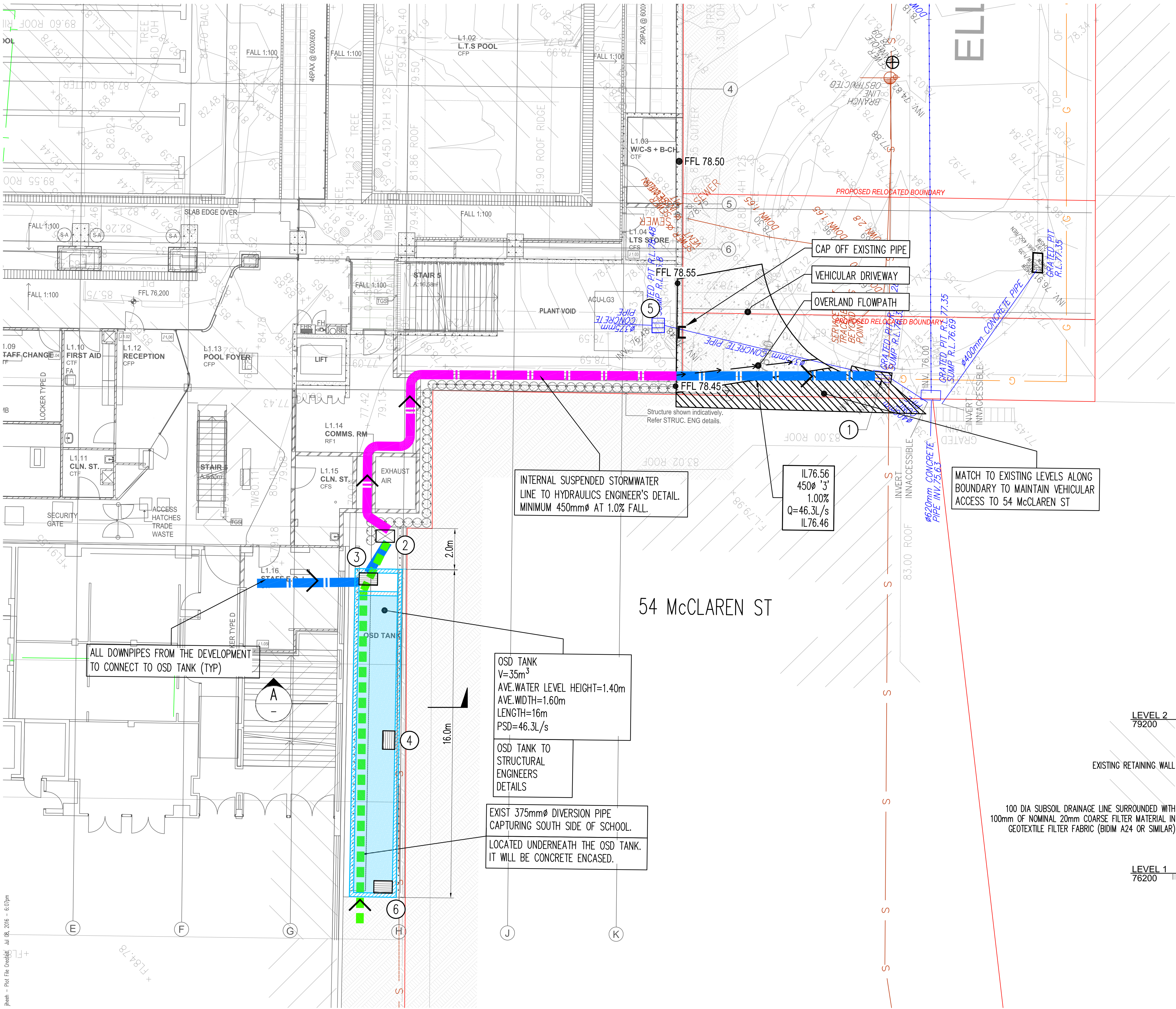


ORIFICE PLATE DETAIL

SCALE 1: 10



SECTION A - OSD TANK TYPICAL
SCALE 1: 20



Filename: C02.dwg - User: jhwh - Plot File Overlay: Jul 08, 2016 - 6:07pm

A1 0 1 2 3 4 5 6 7 8 9 10

Rev	Description	Eng	Draft	Date	Rev	Description	Eng	Draft	Date	Rev	Description	Eng	Draft	Date
P3	DRAFT 90% DOCUMENTATION	NB	JH	08.07.16										
P2	ISSUE FOR 60% TENDER	NB	JH	14.06.16										
P1	ISSUE FOR APPROVAL	NB	JH	30.04.15										

Architect	TONKIN ZULAIKHA GREER ARCHITECTS 117 RESERVOIR STREET, SURRY HILLS
P :	(02) 9215 4900
F :	(02) 9215 4901
Email :	matilda@tztg.com.au
Web :	www.tztg.com.au

TTW Taylor Thomson Whitting
612 9439 7288 | 48 Chandos Street St Leonards NSW 2065

Project
WENONA, ARCHIMEDES BUILDING

Sheet Subject
STORMWATER CONCEPT PLAN

Scale : A1	Drawn	Authorised
1:100	JH	
Job No	Drawing No	Revision
141211	C02	P3
Plot File Created: Jul 08, 2016 - 6:07pm		

PRELIMINARY