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8th May 2017

Regiment Mixed Use Redevelopment Project

Response to Roads and Maritime Services query

A query has been raised by the Roads and Maritime Services (RMS) through the Department of Planning during the assessment of the University of Sydney's Regiment Mixed Use Redevelopment project with regards to stormwater discharge.

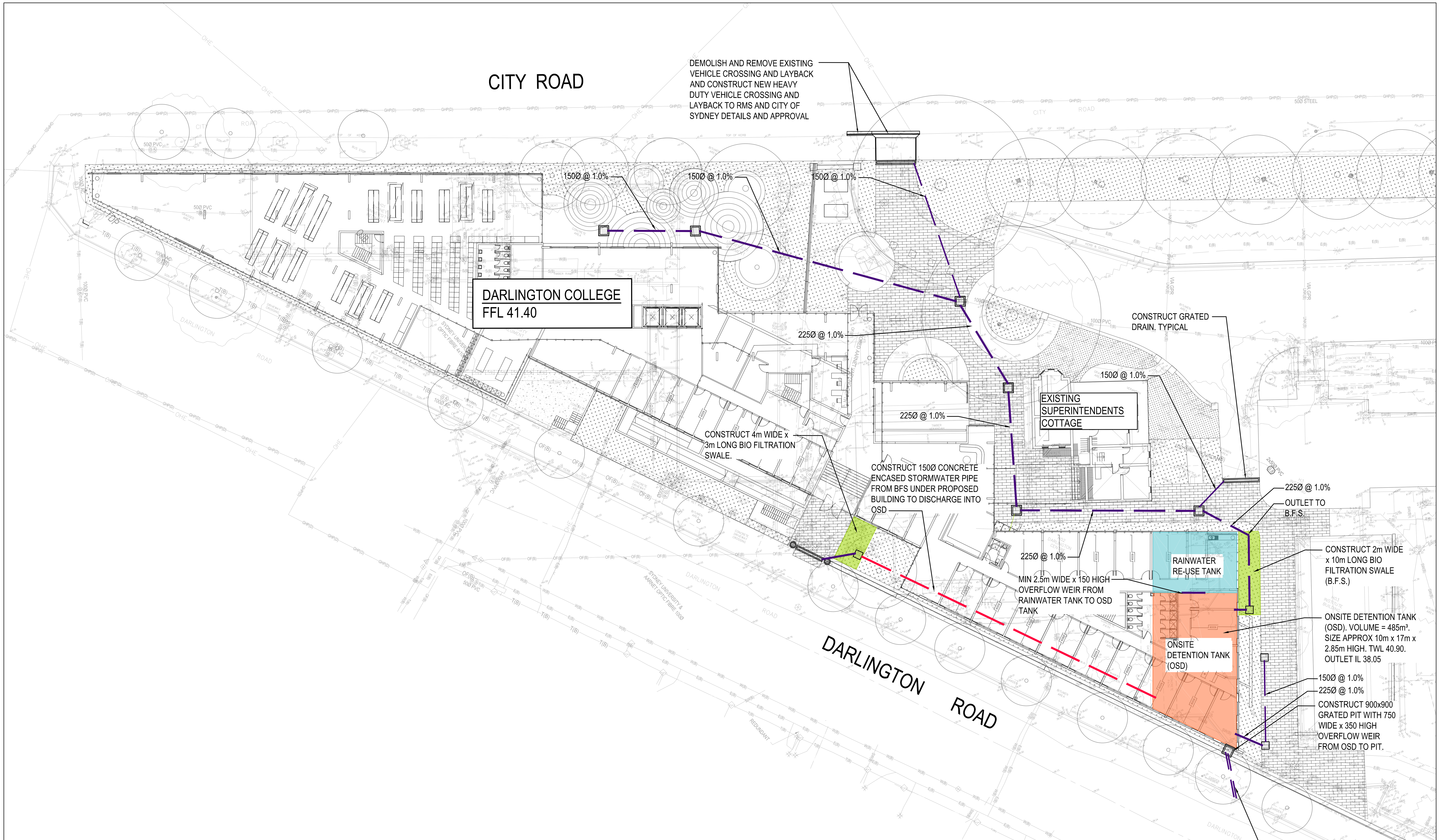
Should the post development storm water discharge from the subject site into the Roads and Maritime system exceed the pre-development discharge, detailed design plans and hydraulic calculations of any charges are to be submitted to Roads and Maritime for approval, prior to the commencement of works on site.

In response, all stormwater is to be collected in pits and pipes and outlet to Darlington Road via an OSD tank located at the eastern end of the development.

Due to the site being located at the top of the Blackwattle Bay catchment and hence no Authority drainage connection provided adjacent to the site, it is proposed for the OSD tank outlet to connect to the kerb in Darlington Road with a maximum discharge of 25 L/sec which is considerably less than the pre-development flows.

Yours sincerely,

Livio Chiarot
FIE Aust
Director – Civil
SCP CONSULTING PTY LTD



LEGEND

- OVERLAND FLOW PATH
- GRATED DRAIN
- BATTER WITH SLOPES 1(VERT): 3(HORIZONTAL) UNO
- STORMWATER DRAINAGE STRUCTURE
- STORMWATER DRAINAGE LINE
- STORMWATER DRAINAGE LINE CONCRETE ENCASED UNDER BUILDING

NOTE

1. PROVIDE SUBSOIL AROUND ALL KERB AND EDGE OF PAVEMENT.
2. ALL STORMWATER PITS SHALL BE 900x900 WITH CLASS D COVER/GRATE AND FRAMES.
3. COVERS SHALL HAVE PAVERS TO MATCH LANDSCAPE PAVERS WHERE PIT IN PAVED AREAS. REFER TO LANDSCAPE DRAWINGS FOR PAVING
4. CONNECT ALL SUBSOIL TO STORMWATER PITS.
5. ALL PAVEMENTS SHALL BE RESTORED TO ORIGINAL CONDITION WHEN DEMOLISHING TO CONSTRUCT NEW STORMWATER SYSTEM.
6. ALL GRATED DRAINS SHALL BE ACO'S KLASSIKDRAIN K200 WITH ACO DRAIN CLASS D CAST IRON ANTI SLIP GRATE.
7. EXISTING TREES SHALL BE PROTECTED AT ALL TIMES DURING CONSTRUCTION

NORTH

Key Plan

PRELIMINARY

NOT FOR CONSTRUCTION

Rev	Revision Description	Date
02	FINAL DRAFT DA ISSUE	15.11.2016
01	DRAFT DA ISSUE	21.10.2016

S·C·P

Client

THE UNIVERSITY OF SYDNEY

RICHARD CROOKES CONSTRUCTIONS

214 WILLOUGHBY ROAD, NAREMBUM NSW 2065

Project

DARLINGTON COLLEGE AND MIXED USE DEVELOPMENT

Title

CIVIL WORKS
SITEWORKS AND STORMWATER DRAINAGE PLAN

Scale

0 5000 12500
1:250 @ A1

Drawn	Checked	Approved
K2L/JC	RG	

Project Number	Drawing Number	Revision
160005	SCP-CV-DWG-0100	02