enstruct

17 March 2010

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For the attention of: Mr Adrian Hernandez
Dear Adrian

89 George Street, Parramatta
Part 3A Application – Director General's Requirements

In response to the Director General's Requirement to prepare a Geotechnical Report assessing the risk of Geotechnical failure on the site :

We confirm, Douglas and Partners (Geotechnical Engineers) have undertaken a desk study to determine the likely subsoil profile, based on detailed investigations of adjacent sites. We attach a copy of their sketch indicating the locations of the various bore holes and a description of their profile.

On this basis we have developed, in concert with Douglas and Partners, site retention systems and structure / foundation designs which will ensure the building will meet all the relevant requirements of the Building Code of Australia and associated Codes of practice, both during construction and in service.

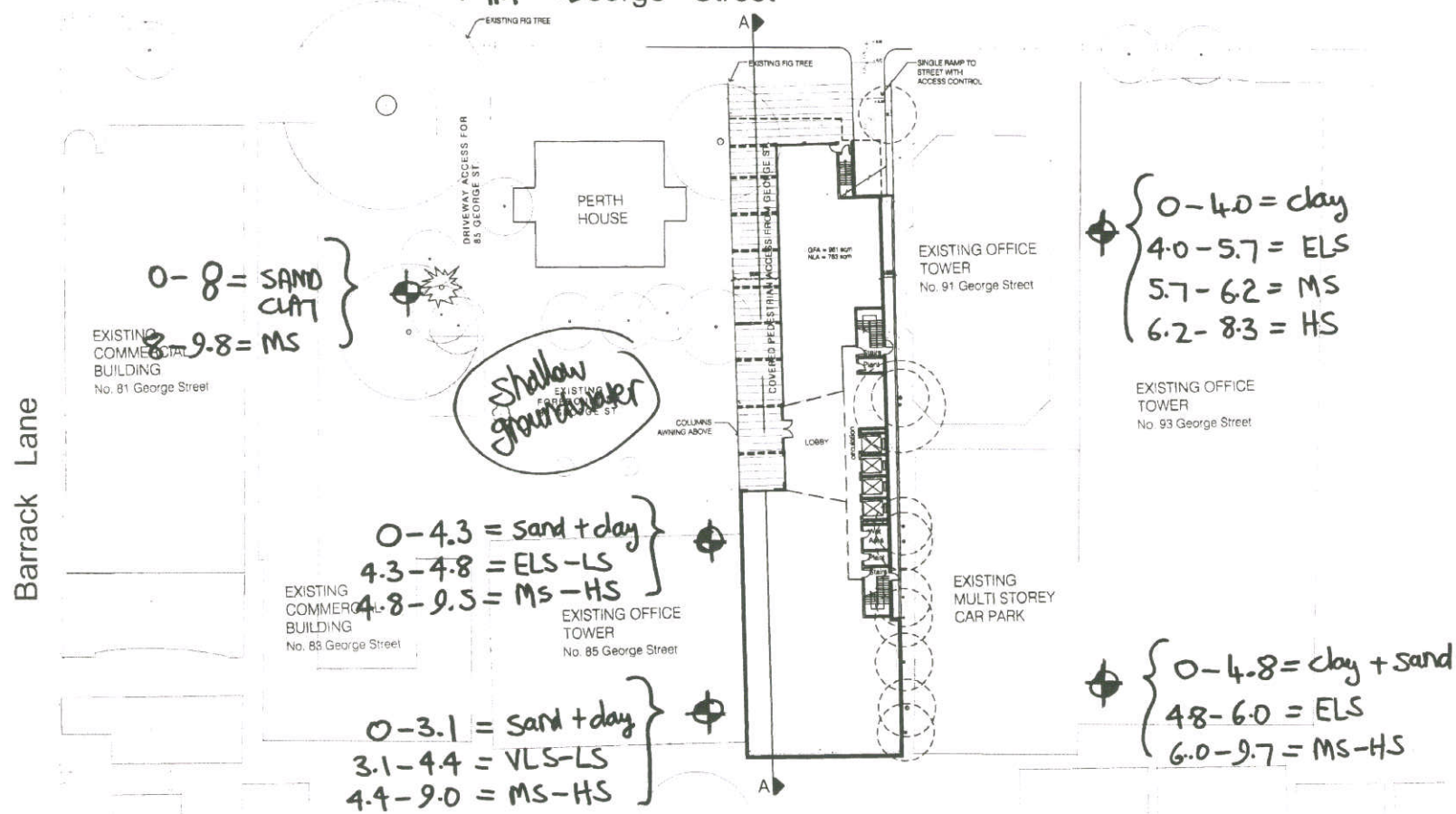
Notably the proposed basement will be a combination of secant pile wall and a fully waterproofed lower basement section (refer attached). This form of construction has been successfully deployed by our firm and others on projects in the Parramatta area.

The system prevents any significant inflow of water into the site both during construction and in service, thereby ensuring the integrity of the development and any adjacent properties, and alleviating the need for any underpinning of adjacent properties.

for
enstruct group pty ltd

Ross Clarke
Director

DRAFT



ELS = extremely low strength
VLS = very low "
LS = low "
MS = medium "
HS = high "

A1 SITE CONTEXT
DA 101 SCALE 1:200

Do not scale off this drawing. Use figured dimensions only. Resolve discrepancies with The Architect before proceeding. Copyright of this drawing and designs executed remains vested in Dickson Rothschild

REV	DATE	DESCRIPTION	DR APPD
B	02-08-07	Preliminary	GC
A	20-07-07	Layout updated	GC

URBAN DESIGNERS: Dickson Rothschild P/L PHONE: (02) 9212 2999
ARCHITECTS: WOODS BAGOT PHONE: (02) 9249 2500

PROJECT: 89 George Street Parramatta

CLIENT: Duxton Developments Pty Ltd Parramatta

DRAWING: SITE Context / Site Plan

PROJECT NO	DRAWING NO.	REVISION
06-091	PDA-001	B
SCALE @ A1	DATE	DRAWN / CHECKED
1:250	02-08-07	SD/ GC

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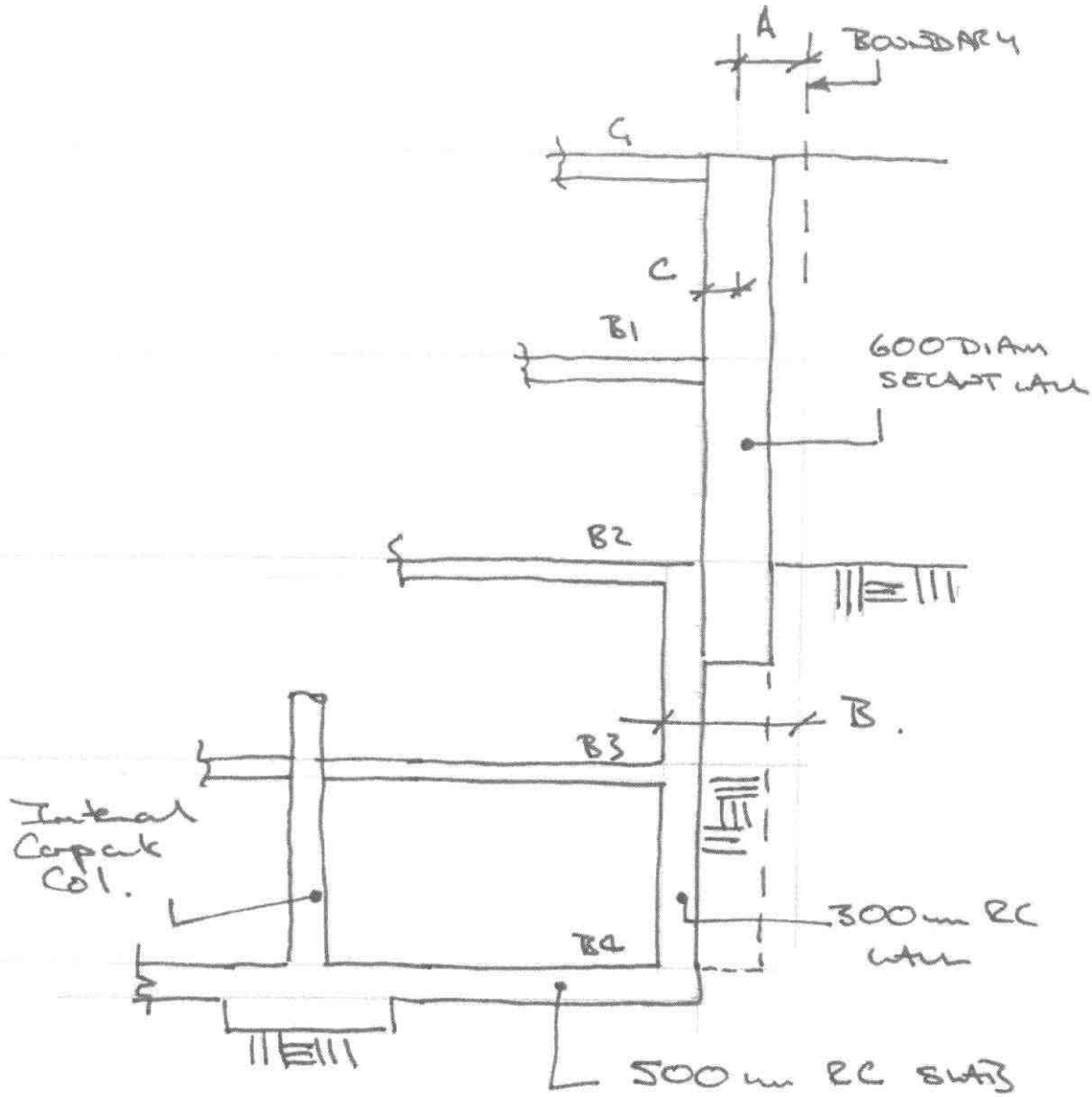
JOB No. 3793	
BY RCC	SHEET No. 1
CHECKED	DATE 22.4.8



TANKED BASEMENT

BOUNDARY CONDITION.

500mm RC SLABS WILL REQUIRE PERMANENT GROUND ANCHORS.

A: 650 mm : RESTRICTED RC ACCESS

500 mm : TYPICAL.

B: A + C + TOLER. + RC WALL

B_{min} 500 + 300 + 100 + 300 = 1200

B_{MAX} 650 + 300 + 100 + 300 = 1350.