

Warren Smith & Partners Pty Ltd



Consulting Engineers

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Since 1981

9th September, 2014

Project No. 3661009

Lend Lease Pty Ltd
30 The Bond
30 Hickson Road
MILLERS POINT NSW 2000

Attention: Mr Andrew Davis

Dear Andrew,

**RE: DIRECTOR GENERALS REQUIREMENTS
HYDRAULIC SERVICES CERTIFICATE OF DESIGN INTENT**

**SUBJECT PREMISES: BUILDING C2 & C6 KIOSK
BARANGAROO SOUTH**

APPLICATION REFERENCE: SSD 6425

Pursuant to the provisions of **Clause A2.2 of the Building Code of Australia**, we hereby certify that it is the intent of Warren Smith & Partner Pty Ltd to provide full design documentation for the above stated project, which shall be in accordance with normal engineering practice with the intent of meeting the requirements of the Building Code of Australia, the Environmental Planning and Assessment Regulation and relevant Australian Standards.

In particular the design is in accordance with the following:

Title of Engineering Service	Standard, Code or Authority Requirements	
Gravitational Sewer Drainage	AS/NZS 3500 - 2003 AS/NZS 3500.2 - 2003	National Plumbing and Drainage Code Sanitary plumbing and drainage NSW Code of Practice Plumbing and Drainage – July 2006
Trade Waste Drainage	AS/NZS 3500 - 2003 AS/NZS 3500.2 - 2003	National Plumbing and Drainage Code Sanitary plumbing and drainage NSW Code of Practice Plumbing and Drainage – July 2006
Sanitary Plumbing	AS/NZS 3500 - 2003 AS/NZS 3500.2 - 2003	National Plumbing and Drainage Code Sanitary plumbing and drainage NSW Code of Practice Plumbing and Drainage – July 2006
Stormwater Drainage	AS/NZS 3500 - 2003 AS/NZS 3500.3 - 2003	National Plumbing and Drainage Code Stormwater drainage Local Government requirements NSW Code of Practice Plumbing and Drainage – July 2006
Subsoil Drainage	AS/NZS 3500 - 2003 AS/NZS 3500.3 - 2003	National Plumbing and Drainage Code Stormwater drainage Local Government requirements NSW Code of Practice Plumbing and Drainage – July 2006
Rainwater Downpipes and Roof Gutters	AS/NZS 3500 - 2003 AS/NZS 3500.3 - 2003	National Plumbing and Drainage Code Stormwater drainage NSW Code of Practice Plumbing and Drainage – July 2006

Title of Engineering Service	Standard, Code or Authority Requirements	
Hot Water Supply, Boilers and Calorifiers	AS/NZS 3500 - 2003 AS/NZS 3500.4 – 2003 BCA - 2012	National Plumbing and Drainage Code Heated Water Services NSW Code of Practice Plumbing and Drainage – July 2006 Building Code of Australia – Vol 1, Section J, Clause 6.6 & 7.2
Natural Gas Service	AG 501 – 1994 AG 5601 – 2004	Code for Industrial and Commercial Gas Fired Appliances Gas Installation Code
Cold Water Supply, Storage and Pressurisation	AS/NZS 3500 - 2003 AS/NZS 3500.1 - 2003	National Plumbing and Drainage Code Water supply NSW Code of Practice Plumbing and Drainage – July 2006
Thermostatic Mixing Valve Systems	AS/NZS 3500 - 2003 AS/NZS 3500.4 - 2003	National Plumbing and Drainage Code Heated Water Services NSW Code of Practice Plumbing and Drainage – July 2006
Fire Hydrant Systems	AS 2419.1 – 2005 BCA - 2012	Fire hydrant installations (Including Amendment 1 - 2007) Part 1: System design, installation and commissioning Part 2: Fire hydrant valves Part 3: Fire brigade booster connections Building Code of Australia
Sanitaryware	AS/NZS 3500 - 2003 AS/NZS 3500.1 - 2003 AS/NZS 3500.2 - 2003	National Plumbing and Drainage Code Water supply Sanitary plumbing and drainage NSW Code of Practice Plumbing and Drainage – July 2006
Taps, Water & Gas Outlets	AS/NZS 3500 - 2003 AS/NZS 3500.1 - 2003 AS/NZS 3500.4 – 2003 AG 5601 – 2004 AG 501 – 1994	National Plumbing and Drainage Code Water supply Heated Water Services Gas Installation Code Code for Industrial and Commercial Gas Fired Appliances NSW Code of Practice Plumbing and Drainage – July 2006

Warren Smith & Partners Pty Ltd is an appropriately qualified and competent practice in this area and as such can certify that the design intent and performance of the design systems shall comply with the above.

Warren Smith & Partners Pty Ltd possesses Indemnity Insurance to the satisfaction of the building owner or our principal.

Full Name of Designer: Dirk Nagelschmidt
Address of Designer: Level 1, 123 Clarence Street, SYDNEY NSW 2000
Business Telephone No: (02) 8234 8615 **Fax No:** (02) 9290 1295
Name of Employer: Warren Smith & Partners Pty Limited

Signature: 

Date: 09/09/2014