

02/09/2019

181230

Multiplex
Level 03, 77 Berry Street
North Sydney, NSW 2060

Attention: Tim Macleod

New Maitland Hospital, Metford Rd, Metford

Structural Statement- Helipad as per Option 7

Dear Tim,

Option 7 places the helipad on the south-west IPU wing and consists of a post-tensioned banded concrete slab supported on concrete columns, with a concrete walkway connecting it back to the lift lobby. The building columns below will be extended up to support the circular concrete slab over. The columns and foundations of the building have adequate capacity to support the vertical and lateral loads due to the new helipad slab.

Applicable Standards and Guidelines

The structural design will be in accordance with the latest revision of all relevant Australian Design Standards, the Building Code of Australia 2016 Amendment 1 and other statutory requirements. As a minimum requirement, the design shall be based on, but not limited to;

Number	Edition	Title
AS/NZS 1170.0	2002	Structural design actions Part 0: General Principles
AS/NZS 1170.1	2002	Structural design actions Part 1: Permanent, imposed and other actions
AS/NZS 1170.2	2011	Structural design actions Part 2: Wind Actions
AS 1170.4	2007	Structural design actions Part 4: Earthquake loads
AS 2159	2009	Piling – Design and installation
AS 3600	2009	Concrete Structures
AS 3700	2001	Masonry Structures

AS 4100	1998	Steel Structures
HI Design Guidance Note 1	Rev A 22 Oct 2012	Structural Design Criteria Guidelines
HI Design Guidance Note 24	Rev B 30 May 2018	Building Importance Levels for NSW Health Projects

Should you require anything further please contact the undersigned.

Yours faithfully

TAYLOR THOMSON WHITTING (NSW) PTY LTD



NISHMIN HALLAM

Associate Director

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