

Ref: 6065_SCO_L1

ABN 90 484 526 337

28 September 2009

Nahas Constructions Pty Ltd
4 Dunlop St
NORTH PARRAMATTA NSW 2151

Attn: Mr George Mitrokas

**PROJECT: *Commercial Development of Supermarket
Princes Highway WOLLI CREEK
Structural Engineer's Advice***

Background

The proposed redevelopment of the subject site requires the examination of the re-use of several existing walls located on the property street frontages of Arncliffe Street and Brodie Spark Drive, as well as at several internal locations on the site. Mr Philip Mance, Director of Structures, attended site on Friday 25 September 2009 to investigate the proposal.

These walls consist typically of 230 brick work with engaged piers at several locations. The walls are in good structural condition, with very few defects observed during the site investigation.

Proposed Wall Re-use

The current proposal intends to involve the cutting back of existing brick walls to a height of approximately 3500 – 4500mm. We note the reference to architectural drawings produced by Marchese & Partners International for the wall heights proposed. Several door openings are proposed to be infilled with glass blocks, and new door openings are proposed in several locations.

Structural Assessment of Proposal

We would recommend the following construction procedure to facilitate the incorporation of the modified existing walls into the proposal.

1. Prior to demolition, place temporary internal steel structure bracing at designated locations. (These bracing frames will be located so as to allow demolition to proceed on hindered and reconstruction of the new structure to take place before removal of temporary braces.) Engineer to sign off prior to commencement of demolition.

2. Carry out demolition of roof structure and existing brick walls to final levels.
3. Proceed with new construction, incorporating permanent wall restraining elements.
4. Once appropriate permanent structure is in place, temporary bracing may be removed.

The above description broadly outlines the proposal to maintain existing walls. More specific structural engineering documentation will be formulated during the design process.

We therefore conclude that maintaining the existing walls is appropriate and achievable in this instance.

If you have any further queries please do not hesitate to contact the undersigned.

Yours sincerely,
HKMA Engineers



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Philip Mance BE MIE AUST CPEng. NPER (structural)