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July 25, 2017

Tom Pilkington  
49A Davey Street,  
Hobart TAS 7000

Dear Tom,

**RE: Proposed location of the tower crane for the Parliament Square Redevelopment**

The Parliament Square Construction and Demolition Plan (CDP) nominated that a tower crane was required for the safe demolition of the 10 Murray Street building and proposed two viable options for its location. These are shown in Figure 14-1 of the CDP and are within the 12 Murray Street property boundaries.

Further analysis of these sites, the project schedule and additional geotechnical information of the proposed site has cast doubt over these two options and as such, Hazell Bros as the Developer's Builder have considered additional sites. The revised options analysis and the impacts are shown below in Table 1.

Location	Impact and Recommendation
<b>South East</b> side of 10 Murray – in Parliament Lane adjacent Parliament House	Tower Crane will overhang Parliament House and would require diversion of TasNetworks high voltage assets. This site will also require multiple erections over the length of the development and require loading of trucks in Murray Street, decreasing safety on the site. <b>This option is NOT recommended.</b>
<b>South West</b> side of 10 Murray – adjacent Salamanca Building	Tower Crane will overhang the Salamanca Building and has a limited footprint to locate the footing of the crane. It is also not feasible to erect the crane in this area due to the distance from suitable mobile crane sites. <b>This option is NOT recommended.</b>
<b>North West</b> (the site of the original viable options) – Location within 12 Murray Demolition site.	This is the location proposed by the CDP. The primary drivers for this site no longer being a viable option are: <ol style="list-style-type: none"><li>1. The footing of the tower crane requires complete demolition and retention of the 12 Murray Street site due to several geotechnical issues and</li></ol>

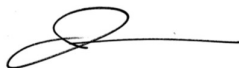
	<p>significantly delays the Parliament Square project by several months from its programmed opening of November 2018;</p> <ol style="list-style-type: none"> <li>2. The footings of the tower crane are likely to impact the stability of the St Mary's Heritage Listed stone wall; and,</li> <li>3. Crane erections in these locations will require lengthy closures of Murray Street due to the size of the mobile crane required for its erection and would be required to be brought in from interstate for each set up and any maintenance.</li> </ol> <p><b>This option is NOT recommended.</b></p>
<p><b>North East</b> side of 10 Murray – On Murray Street</p>	<p>Tower Crane located on Murray Street in the parking lane. The primary drivers for this site being the viable option are:</p> <ol style="list-style-type: none"> <li>1. This site has minimal effect on Murray Street vehicular traffic (three-day closure for erection and dismantle only) and no greater impact on pedestrians than the requirements of the Australian Standards for Demolition of Structures – AS 2601;</li> <li>2. The location of the crane could be used for the remaining stages of the Parliament Square development, allowing for a single crane erection at the start of the project and a dismantle once crane works are complete;</li> <li>3. Trucks can be loaded off Murray Street; and,</li> <li>4. Maintains the current program allowing for 10 and 12 Murray Street to be demolished concurrently</li> </ol> <p><b>This option IS recommended.</b></p>

*Table 1. Options Analysis*

The outcome of this analysis is that the only recommended and feasible option for the tower crane is on Murray Street. We would request that the CDP is amended to reflect this and we are happy to provide support for this to occur.

Should you require further information please do not hesitate to call.

Regards,




Tim Cubit  
Project Manager  
Murray Street Demolition

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