18 February 2014

To The Resident

Dear Resident,

Abercrombie Precinct Redevelopment – University of Sydney Business School

I am writing to you to detail two scheduled events that may be noticeable to local residents in the near future.

1. Tower Crane 2 erection scheduled to occur over a four day period, 20 to 24 February 2014, and;

2. Installation of an additional level of containers (or temporary site sheds) above those already located along the Abercrombie Street frontage of the New Business School site on Tuesday 25 February 2014.

Firstly, the construction team will be assembling the second site tower crane for the Abercrombie Precinct Redevelopment, commencing on Thursday 20 February 2014. The second tower crane is to be located in front of the John Holland site office, off Abercrombie Street.

The second tower crane will be identical in make and manufacture to the tower crane already assembled, except a difference in the height of the tower or mast. Overleaf are details of the tower crane operational and safety features.

The second item of reference for this letter regards the placement of a second storey of containers (or temporary site sheds) above those already located along the Abercrombie Street frontage, providing an additional acoustic barrier for the residents of Abercrombie Street. Eleven containers will be delivered, each on its own truck. The containers will be unloaded from the Abercrombie Street parking lane, just prior to the Codrington Street intersection, by the second site tower crane.

It is a John Holland Global Mandatory Requirement and a City of Sydney Council condition that there is never a suspended load above somebody’s head, whether workforce or the public. For this reason, the foot path on Abercrombie Street between Codrington Street and Mandelbaum House will be closed on Tuesday 25 February 2014. Traffic controllers will be in place to redirect pedestrian traffic so that a live load will not be lifted above anybody’s head during the course of these works. Approval from Council will be granted in the form of a Crane Permit, which can be viewed from the John Holland site office on the day.

Should you have any further queries, please do not hesitate to contact the project team through the following methods:

   Email                      abercrombie.precinct@jhg.com.au
   Telephone                  1800 855 262

Yours faithfully,

Adrian Mulhall
Project Director
Tower Cranes at the Abercrombie Precinct Redevelopment

The tower cranes on site are to be the JASO 300 hammerhead crane, electrically powered and so considerably less noisy than a diesel crane. Both of the tower cranes will be mounted on a large mass concrete plinth, specifically designed by a structural engineer. In addition to this, John Holland has installed four additional concrete reinforced piles under each plinth, providing a more secure base for each crane.

The reach of the cranes covers the site and allows for lifting of heavy materials and will be critical for the construction of the project. At no point will any crane lift a live load over any residential building or person.

Operations of crane

Working hours stipulated in the Abercrombie Precinct Redevelopment Project Approval will guide the operational hours of the crane. Therefore the crane will only be in use during the following periods:

<table>
<thead>
<tr>
<th>Days</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Monday – Friday</td>
<td>7am to 6pm</td>
</tr>
<tr>
<td>Saturday</td>
<td>8am to 3pm</td>
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</tbody>
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When the crane is not in use, it is “parked” with the jib (horizontal arm) positioned over the site. Restrictors limit the crane from moving freely when not in use. However, for safety reasons, if the wind speed exceeds the safety level the restrictor releases and allows the jib to "slew" (rotate) for slow and calculated movements. This allows the crane to act like a weather vane to minimise resistance to the wind.

The JASO 300 hammerhead crane has numerous safety and intelligent features including:

- **Fixed bracing to hold load**
  The jib (horizontal arm) is braced to the tower with fixed structural supports and does not rely on pulleys and cables to create the lifting ability. The pulley that lifts the load and moves along the jib is the operable part. This component will not be over private residences or public spaces under load.

- **Alarm systems**
  - **Wind Speed**
    When the wind speed exceeds 11.46m/s an auditory alarm will set off and crane works will cease until the wind speed drops.
  
  - **Load Limiter**
    The crane is able to weigh the load it is carrying and will not lift a load that exceeds its capability at any given point along the jib. The crane will stop operating if this occurs.
  
  - **Anti-Collision (GPS)**
    Particularly important for when the second tower crane is in action as this avoids any potential collisions between the cranes.

- **A GPS link** to the manufacturer's operational centre which alerts the project team if the crane is operating outside its design specifications.

**Security**

Tower Crane 1 has a secured 2.4 metre high fence around the base to prevent persons from scaling or climbing the mast out of hours. Tower Crane will have a similar fence in place. The construction site is also secured and locked at night.