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# **PRELIMINARY CONSTRUCTION MANAGEMENT PLAN FOR DEVELOPMENT AT 132-138 KILLEATON STREET, ST IVES**

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## **1. INTRODUCTION**

Meriton Apartments Pty Ltd has prepared this construction management plan to address construction management activities at 132-138 Killeaton Street, St Ives.

The proposed development consists of five buildings containing 298 residential units, basement carpark and shared facilities including a gym.

## **2. BUILDING STRUCTURE**

The development at 132-138 Killeaton Street is a concrete framed structure with below ground parking levels and above ground buildings 5 floors in height.

Suspended slabs are post tensioned reinforced concrete slabs supported off concrete columns with infill construction being of hebel wall panels, Gyprock lined stud walls or precast concrete panels.

## **3. CRANES**

The development will be constructed in two stages. Two tower cranes will facilitate construction of the development. Tower crane locations will be confirmed with the construction certificate documentation.

## **4. FORKLIFTS**

The use of forklifts will enable the expedient transfer of smaller supplies from the basement and Killeaton Street to the materials hoists.

## **5. CONSTRUCTION ZONES AND MATERIAL LOADING AREAS**

The main loading areas include a proposed Killeaton Street works zone and a dedicated area within the site controlled by Meriton for loading and unloading of precast concrete, reinforcement and formwork.

A work zone application will be submitted for approval.

## **6. NOISE AND VIBRATION MANAGEMENT**

We do not anticipate any significantly noisy activities as conventional methods of construction are to be used. The construction noise and vibration management plan provides details.

## **7. CONTACT DETAILS**

Contact details of site manager are to be confirmed and mobile phone details will be provided to ensure 24-hour contact.

## 8. HOURS OF WORK

The hours of construction, including delivery of materials to and from the site, must be restricted as follows:

- a) Between 7:00 am and 6:00 pm, Mondays to Fridays inclusive
- b) Between 8:00 am and 1:00 pm, Saturdays (or as modified ,STCA)
- c) No work on Sundays and public holidays

Schedule for rock breaking, rock hammering, sheet piling, pile driving and similar activity only between the following hours unless approved otherwise:

- a) 9.00 am to 12.00pm, Monday to Friday
- b) 1.00 pm to 5.00pm, Monday to Friday
- c) 9.00 am to 12.00pm, Saturdays

## 9. WASTE MANAGEMENT REPORT

Meriton is to engage licensed contractor for the removal of trade waste during the construction.

## 10. SOIL AND WATER MANAGEMENT PLAN

All waste and stormwater will be directed to the lowest point at the site. At this point a pump out pit will be located. The pit will be surrounded by a mound of blue metal and filter fabric. All waste and stormwater will pass through the filter fabric and blue metal prior to entering the pump-out pit. All pollution control devices will be regularly maintained. Any liquid wastes such as paints or similar chemicals will be retained for recycling and other liquids will be disposed in accordance with the requirements of Sydney Water Siltation barriers will be installed where necessary to prevent the generation of erosion and sediment during the construction period.

## 11. SAFETY

A safety committee has already been set up on site and comprises the main trades including an electrician, plumber, steel fixer and formworker

Weekly walks are carried out by the Safety Committee and any safety issues are promptly addressed within a 24 hour period.

A noticeboard is onsite and displays important safety notices. A detailed OH&S plan is available on site for review.

We also have full time safety manager who attend all Meriton's sites and arrange for all the necessary safety and first aid courses.

## 12. DUST CONTROL MEASURES

Temporary garbage chute will be used in construction. At the base of chutes bulk bin will collect the waste. The chutes will be fitted with devices that hose down the garbage as it is dropped in to the chutes.

Whenever possible, wet processes will be used during cutting, drilling and grinding to limit dust emissions.

## 13. TRAFFIC MANAGEMENT PLAN

The following traffic plan has been prepared for the delivery of construction materials from Killeaton Street. The portion of Killeaton Street adjacent to the construction site has a low traffic volume and very low pedestrian traffic volume.

### **Pedestrians**

Jersey kerbs will be provided in works zone for pedestrian access in the event of public domain works. Signs and safety devices will be in place for those works.

### **Cyclists**

The movement of cyclists will be managed as part of the traffic management relating to the project. During certain loading and unloading events, personnel will direct and halt traffic as required to ensure that these activities do no conflict with each other and that a safe environment is maintained. Detailed information relating to traffic management will be provided with the final Construction Management Plan to be submitted with the documentation for a Construction Certificate.

### **Truck movements**

The average number of truck loads moving or delivering material from/to the site is estimated to 15-20 trucks a day.

The above estimated movement of the trucks will increase on the days when the large concrete slabs are proposed to be poured in one continuous operation. The number of the extra trucks will also depend on the size of the structural elements poured at the time.

It is proposed that vehicles will ingress and egress the site via a temporary driveway constructed at the site where major deliveries of construction materials will take place. If needed qualified traffic controllers will be used during these operations.

1. Trucks will enter the site via the temporary driveway on Killeaton Street.
2. Trucks will then be unloaded / loaded at the site.
3. Trucks will que within the works zone area on Killeaton Street (when necessary)
4. There will be signage placed at either end of Killeaton Street.
5. The signage will notify traffic of operations.

6. When using traffic control the stop / go operators will have the correct qualifications at all times.
7. Between construction site and the edge of road there will be either water filled or concrete protection barrier along construction zone.