

REPORT No8 – Traffic and Parking

1. Traffic Issues

Carew Street is a back-road leading from Dee Why to North Curl Curl, hence the traffic flow is relatively significant at peak periods. Bushey Place is a quiet laneway with occasional traffic. As No17 site is quite large, there is sufficient parking and work space to accommodate the likely 2 or 3 workers required for this project. Hard surface parking is sufficient for up to 4-5 vehicles. Additional parking on grass at the rear of the site will be weather-dependent. As there will be insignificant demolition waste, this will likely be accommodated by a 3 to 4m³ bin emptied sporadically.

2. Construction Vehicle Movements (onto site)

This project is seen as a low intensity operation due to the nature of construction requiring only 2 to 4 workers on site for the majority of time. For the most part, worker parking is available at the rear of the site via the existing driveway entrance in Carew St. In addition to these daily movements, the significant activities requiring truck and plant movements are:

1.1 Demolition

There is minimal demolition requiring spoil to be removed from site. A skip bin is required to be on site at all times throughout the project and will be serviced at irregular intervals to suit build-up of waste materials.

1.2 Excavation

A small machine excavator may be used for the footings. No other cut to fill is envisaged. This will be delivered onto site and will remain until footings are completed. No daily movements are expected.

1.3 Concrete Footings

Ready mixed concrete will mainly be required in pier foundations. There are minimal strip footings and slabs in the project. A maximum of 2 truckloads of concrete is expected to be required.

1.4 Materials Delivery

All materials can be stored under the dwelling. These include: flooring, framing, plasterboard, weatherboards, structural steel girders, etc. This will occur in single movements due to the very limited nature of daily progress.

1.5 Structural Steel Installation

It is likely that a small mobile crane will be required for a day to assist in positioning steel roof girders.

1.6 Retaining Wall

It is not envisaged that the retaining wall construction will be undertaken until after the major components of the dwelling are completed. The owner will carry out all work for the retaining wall over a lengthy period of time. In all, about 10 truck movements onto site are expected to be required to complete the wall, backfilling, topsoiling and turfing.

3. Conclusion

Due to the available on-site parking available, the nature and small size of the project and the limited number of likely vehicle movements, there is unlikely to be any major disruptions to traffic flow.