

# CONSTRUCTION MANAGEMENT PLAN



**Lot 8 Rees Court, Palm Beach Qld 4221**

**Construction Management Plan**

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### **1. INTRODUCTION AND PROJECT OVERVIEW**

The Construction Management Plan (CMP) has been developed to enable all users to understand and then meet the general and prescriptive requirements of the certified *Management Systems for Safety (AS/NZS 4501)*, *Environmental (AS/NZS 14001)* and *Quality (AS/NZS ISO 9001)* standards, as they relate to the activities to be undertaken at the Site.

The management framework adopted, utilizes the key aspects of all standards and is based on other published regulations, Acts, codes of practice and guidelines relevant to construction, safety and environmental management. A list of the main reference documents used in this CMP is attached.

#### **1.1 Aim**

The aim of this Construction Management Plan is to communicate strategies that have been developed to address challenges that may be faced during the course of construction.

Including:

- a) Managing impact of construction on local residents, businesses and the community.
- b) Managing risks to public, sub-contractor and general construction safety
- c) Environmental risk management
- d) Managing impacts to traffic congestion and pedestrians.

## **1.2 Scope**

The scope of this CMP addresses all construction management issues pertinent to the Construction of a two storey new residential house at Lot 8 Rees Court, Palm Beach Qld 4221 as per attached plans and specifications dated on 3 September 2013 for the construction period of 18 weeks (5 working days per week) from 10/01/2022 to 20/05/2022 (excluding public holiday and weekends).

### **Our Commitment**

ABC Construction Pty Ltd management and all staff involved in the project are committed to:

- a) Delivering a project that meets client and other stakeholder expectations within budget and on time.
- b) Implementing responsible and practical management procedures to minimize the environmental impact and disruptions to the surrounding residents and the general public.
- c) Maximising on-site safety for all stakeholders including construction workers.
- d) Complying with all relevant legislation, Regulatory Guideline's and Regional Council requirements.

Signed

*Jie Dong*

## **2. MANAGEMENT AND TRAINING**

Each Site Management Team Member has specific and general responsibilities to implement and maintain the procedures and control measures included in the CMP.

All ABC Construction Pty Ltd staff and sub-contractors are required to undergo a Site Induction that outlines the construction procedures and management framework specific to the project. The induction is aimed at instilling in each person a common-sense approach to safety and the grasping of responsible environmental practices and awareness needed to deliver the project in accordance with the relevant regulations and standards. A record of trained personnel is retained on Site.

The Site Manager/ Builder will ensure that all personnel are made aware of their obligations under this CMP and the general compliance with regulations, Acts and codes of practice having jurisdiction over the works. The Site Manager / Builder shall:

- a) co-ordinate the implementation of the CMP;
- b) co-ordinate the monitoring and inspection programmes;
- c) ensure personnel are trained and aware of obligations;
- d) ensure that subcontractors are aware of their safety and environmental obligations; and
- e) oversee other day-to-day activities required by the CMP

## **3. DESCRIPTION OF THE SITE LAYOUT AND LOCAL ENVIRONMENT**

The Construction Site is located at Lot 8 Rees Court, Palm Beach Qld 4221. The site is located on Rees Court in close proximity to Nollamara Dr road however is subject to medium traffic volume. See following site plan for proposed layout.

## The Site

The area is set aside and defined in the Contract for construction is referred to as the "Site." The Site layout plans (construction) for the project define the Site boundaries for construction

## Access Arrangements

**Any visitors access to this site (either subcontractor or visitors) need to contact Site Manager Dominique Higgs two business prior. In addition, anyone on site must wear required PPE.**

## Communication with the Community

General consultation with the community about the construction will happen prior to and during the construction project as required.

Prior to the commencement of construction activity the project management team will meet with the directly adjacent neighbour(s) to discuss the works to commence and resolve any potential issues raised by local residents.

A letter box drop to the community surrounding the construction site are also notified via letter detailing the start date, construction hours and days as well the timeframe for construction. Contact details for the project management team and site manager will also be included in the letter to facilitate further provision of information as required.

A site notice board will be erected on the outside of the site fence detailing the site layout, policy statements and contact details for site management

Where the community or other third parties make formal complaints directly to us, the builder or any subcontractors directly under our control, these will be forwarded to the Site Manager/ Builder immediately to be addressed. The complaints must be documented and will record the following information:

- a) **Complainant Details:** Name, Address and Telephone No.
- b) **Nature of Complaint:** Detail of the particular issue, date of incident, people involved, and location of incident or concern. Was the complaint in person, by telephone or in writing?
- c) **Action taken or required:** Any action proposed or undertaken to address the complaint. Time / date action.
- d) **Complaint Response to Action:** Was complainant satisfied with outcome of the complaint, if not what else needs to be done, or is it outside the scope of this contract.
- e) **Prevention of Re-occurrence:** If the complaint relates directly to an operational problem what action has been taken by the builder to ensure that the problem will not happen again?

## 4. PROJECT PLANNING AND CONSTRUCTION METHODOLOGY

The Construction Activity, Timeframes & Methodology for this project are described in detail in the following sections below.

Construction Program Invasive or major works – See attached program

|                                |  |
|--------------------------------|--|
| Site establishment             |  |
| Civil Works                    |  |
| Substructure                   |  |
| Structure - Footings and slabs |  |
| Frame Structure and Roofing    |  |
| Brickwork                      |  |

|                                 |  |
|---------------------------------|--|
| Internal linings                |  |
| Painting                        |  |
| Hydraulic Services (Drainage)   |  |
| Hydraulic Services (Rough-in)   |  |
| Hydraulic Services (Fit off)    |  |
| Electrical Services (In-ground) |  |
| Electrical Services (Rough-in)  |  |
| Electrical Services (Fit off)   |  |

## Site Establishment & Preliminary Works

Prior to the civil works the site needs to be established. This will include but not be limited to the erection of site fencing, amenities and protection of existing assets.

The site fencing will be constructed to the following standards that is 1800mm high construction fencing with stabilising bases.

### Civil Excavation Works

A specialist civil subcontractor will be engaged to complete the bulk, detail, subgrade and other necessary works on the site. All bulk and detail excavations are to be completed in compliance with the *Excavation Work Code of practice 2013 and National Code of Construction 2016*

Through the entire civil construction package noise, dust, erosion sediment control and general environmental monitoring is maintained to ensure the Builder and sub-contractors are complying with GCCC & Environmental Protection Act Policy (Noise) 2016 requirements

### Adjacent buildings

Both residential properties beside the site (7 Rees Ct & 9 Rees Ct, Plam Beach Qld 4221) are low set house therefore, the work to be completed at site will ensure not to impact on those both neighbours' property. In addition, the Rees Ct, Plam Beach is close to Nollamara Dr which will have medium traffic volume. Therefore, vehicles drove by ABC Construction Pty Ltd and subcontractors will be parked properly.

No part of the piling or excavation process should adversely affect the structural integrity of any other asset including roads or civil infrastructure.

It is important that other buildings in and around Rees Court, Plam Beach Qld 4221 are not adversely affected by vibration or concussion during the excavation process. Special precautions may need to be taken in to account with the vicinity of buildings containing equipment sensitive to shock and vibration if required.

No part of the construction process should cause flooding or water penetration to any of the adjoining buildings. All ground and stormwater ingress will be managed in accordance with the principal contractor's legislative obligations and any discharge of stormwater will comply with criteria outlined in the approved Erosion Sediment Control Plan & Environmental Management Plan.

### Foundation Works

Foundation works commence pre, during and post bulk earthworks. Foundation structure includes footings and in-ground services. The footings will be the first part of the foundation works. This is expected to be done in one mobilization with ground slab works following close behind.

## **5. PROJECT ORGANISATION STRUCTURE**

The project organisational structure consists of the Builder: ABC Construction Pty Ltd, Foreman: Bruce Hateley and subcontractors. Contact numbers for both the Builder and the site foreman will be displayed at the site entry gates

## **6. SITE AMENITIES**

Site amenities will be mainly located but not limited to the front of the site within the GCCC approved boundaries of occupation. These will include site office, lunch room, first aid kit, toilet(s), tool storage, drinking water & any relevant emergency equipment.

## **7. WORKING HOURS**

The site working hours will be approved by Gold Coast City Council under the building permit. It is expected that working hours will be in accordance with the construction industry working day calendar and operate Monday to Saturday 6:30am – 6:30pm with the exception of public holidays and designated RDO's. There should not be a requirement to operate out of normal working hours. On such occasions the builder will apply to do so through relevant regulatory bodies.

## **8. SAFETY**

Safety has been split into two sections; "Public Safety and "Site Safety." Each is dealt with in turn, below.

### **1.3 PUBLIC SAFETY**

Public safety is considered and prioritised through all stages of construction. The builder will explore all available options to completely separate any construction activity from the public to ensure their protection. Public safety controls selected during design of this construction project are expected to be but not limited to:

- Banner Mesh Fencing
- Use of approved footway and traffic management strategies.
- Encapsulation structures.
- Signage & exclusion zones.

All control measures used to reduce risk of health and safety impacts to the public will be:

- erected before the commencement of any works
- Kept in position at all times during the progress of the work &
- Regularly inspected and maintained.

### **Fencing**

The hoardings to the alignments indicated in the Site Layout Plan will be constructed to the following standards that is; 1800mm high construction fencing (mesh)

### **Pedestrian Access**

Ultimately the best path of travel for pedestrians will be the opposite side of the road during the site operating hours however a pedestrian path in front of the site will be maintained unless construction requires an authorised closure through GCCC traffic

### **Road Openings**

Road opening permits will be sought as required by the builder for the respective sub-contractors when and if required.

## **Structural Certification for Temporary Structures on Roads**

These will be sought as required.

## **Barricades and Signage**

The site will be fully fenced around the site boundary (as shown). All fencing will be lined with standard scrim mesh displaying the Builders logo and relevant safety & site information signage

## **Notification to Adjoining Properties of Proposed Works on Roads**

Notifications will be made in accordance with the requirements of the permit applications referred to, above.

## **Nuisance Abatement**

The Builder has undertaken as part of the conditions of the Contract and the building permits pertaining to comply with Gold Coast City Council and other regulatory authority's nuisance abatement requirements.

## **Construction Permit Zones, Deliveries & Car Parking**

All subcontractor parking will be allocated to the local street parking and will be subject to all relevant restrictions and fees.

All deliveries are to be taken within the site hoarding/ boundary during construction.

All materials will remain stored in the site boundary fence/ hoarding as required.

## **Certificates of Occupancy**

During the project, there is no requirement to handover separable portions to the client. A certificate of Occupancy is required prior to any area being handed occupied and/or used. In each case there is a lead up period where consultation occurs between The builder, the client, the relevant building surveyor, certifier and any relevant commissioning authorities. Together with other measures mentioned in this section, this process assists in achieving and maintaining a high standard of public safety.

## **SITE SAFETY**

A comprehensive Safety Management Plan (WHSMP) addressing The Builders safety policies, processes & procedures for this project have been submitted as Rees Court, Palm Beach Qld 4221 Safety Management Plan.'

## **EMERGENCY MANAGEMENT**

An Emergency Management Strategy has been developed and contained within the WHSMP which comprises of the following elements:

- a) Builders Site Emergency Procedure
- b) Weekly safety inspections and emergency evacuation drills
- c) Site manager and foreman completing and updating first aid, CPR and fire extinguisher training

## **9. SECURITY**

The Builder will ensure the site access is restricted during construction hours and all gates and fences are locked outside of construction hours to limit the potential for unauthorised or accidental access at any time during the construction program

## **10. ENVIRONMENTAL MANAGEMENT**

The Environmental Management Plan (EMP), Submitted addresses, in the main, the following areas:

- QLD Legislation/guidelines/codes/standards
- Flora and Fauna Management

- Waste Management
- Sand management
- Water management
- Acid sulphate soils
- Dust Control
- Noise
- Environmental Procedures
- Emergency Response

## **11. EROSION SEDIMENT CONTROL**

This will be managed through Best Practices Erosion & Sediment Control, Erosion & Sediment Control – A Field Guide for Construction Site Managers.

The erosion & sediment management can best be referred to by the Civil Engineering Drawings

## **12. TRAFFIC MANAGEMENT**

It is not expected that any traffic permits or closures will be required during the construction of the project however if any are required they will be sought a minimum of 21 days prior to being required as per GCCC guidelines and traffic permitting requirements.

## **13. WASTE MANAGEMENT AND RECYCLING**

Provide a minor work contract with waste management company like Cleanaway Pty Ltd or Veolia Pty Ltd to ensure the construction waste and recycling items can be remove from site every week immediately.

## **14. SUMMARY**

This Construction Management Plan comprises a number of strategies, processors and procedures. The plan has definite aim of ensuring minimal impact to the local and surrounding environs and recognizes public safety along with work safety as the highest priority. It is also reflected in the CMP that there are many processes and procedures that underpin the management of this project.

The plan's implementation, maintenance, monitoring and record keeping are administered via a regular communication and reinforcement of the Builders commitment.

The Builder is willing to seek advice from and work closely with authorities to deal with a variety of challenges.

