CONSTRUCTION MANAGEMENT PLAN (CMP)

12-20 Berry Road and 11-19 Holdsworth Avenue St Leonards, NSW 2065

PREPARED FOR AQUALAND ST LEONARD DEVELOPMENT 3 P/L

AQUALAND CONSTRUCTION PTY LTD
PROJECT NO. AQL002

REVISION	DESCRIPTION OF REVISION	DATE
A	ISSUED FOR REVIEW	21/03/2022
B	ISSUED FOR DA SUBMISSION	15/06/2022

Contents

1.0 INTRODUCTION

This Construction Management Plan (CMP) has been developed to outline Aqualand's approach to the construction planning and methodology proposed for the delivery of desired project outcomes for the St. Leonards South project.

The CMP addresses various anticipated issues, based on Aqualand's previous experience on similar projects and current understanding of the existing environment and contractual requirements. The proposed construction methodologies will be further developed throughout the planning and construction phases.

The CMP will be monitored throughout the project construction phases and be updated as required.

2.0 LOCATION

The project is located at 12-20 Berry Road and 11-19 Holdsworth Avenue, St Leonards NSW 2065 as per Figure 1 below.

Figure 1 – Project Lot Boundaries

3.0 PROJECT DESCRIPTION

The St. Leonards South Project consists of the demolition, design, excavation and construction of the following major components:

- Site Area of 5,015m2
- Demolition of ten (10) existing residential buildings
- Excavation of basements and retention systems
- New basement structure to podium to incorporate 3.5 levels of Childcare, Community Hall and associated carparking, plant rooms and lifts
- Two (2) new building structures of 10 storeys with two (2) partially excavated with facade
- 130 apartments in the following configurations
    - 26 - 1 bedroom apartments
    - 59 - 2 bedroom apartments
    - 35 - 3 bedroom apartments
    - 10 - 4 bedroom apartments
- Residential facilities to include green open space, community rooms, pool, barbeque area, sun deck and music room.
- Council facilities to include a 450m2 childcare, 150m2 community hall and East-West through site link.

4.0 KEY PARTICIPANTS / STAKEHOLDERS

4.1 Project Phasing Details

Stakeholder	Contact Details
Developer	Aqualand St Leonard Development 3 Pty Ltd
Principal Contractor (Demolition)	TBC
Principal Contractor (Excavation/Civil)	TBC
Principal Contractor (Construction)	Aqualand Construction Pty Ltd
Principal Certifying Authority	TBC

4.2 Site Organisational Chart

The Aqualand project team structure responsible for the construction and delivery of the Project is shown in Annexure 01 - Aqualand Organisational Chart. They have the responsibility and authority to assure that the works are carried out and meet the project requirements. Roles and Responsibilities of the team are described within this plan.

5.0 AUTHORITY ROLES AND RESPONSIBILITY

The Roles and Responsibility statements will be included in the Aqualand Risk Management Plan.

- The Project Manager will be responsible for this project and will ensure compliance with Aqualand systems, reporting and compliance with Industry standards codes of practice and legislation and will generally be the most likely person to contact in the event of an incident or complaint
- The Site Manager will assist as the Workplace Manager with the items listed above
- Team as listed in the Organisational Chart will report up to the Workplace Manger and Project Manager
- Project Manager and Workplace Manager will report directly to Construction Director and Group HSE Manager and report any non-conformances, incidents or complaints as they arise.

6.0 CONSTRUCTION PLANNING

A thorough analysis has been undertaken to identify the proposed construction methods and sequence to be implemented on the St. Leonard South Project. Staged Logistics Plans have been developed and referenced in the Construction Traffic Management Plan (CTMP) to identify the following construction requirements:

- Site access / egress and traffic management
- Temporary hoardings / fencing
- Location of site amenities
- Cranage and loading bays

6.1 Dilapidation Survey

A dilapidation survey is unlikely to be required for neighbouring properties as they are also proposed for redevelopment.

6.2 Public & Property Protection

For the safety and protection of the general public during demolition, excavation and construction, the following classes of hoardings will be utilised on the St. Leonard South Project during the different stages of demolition, excavation, and construction (Refer to Annexure 02 – Hoarding Plan). Aqualand will take necessary steps to ensure the site remains secure 24/7, during and after hours. Areas of consideration include but are not limited to, site access & egress with additional signage and secure controlled swipe card access for each individual and turnstiles.

Class A – 2400mm to 3000mm High

Description: Ply wood sheets (pre-finished to accept artwork or advertising) including double, self-closing, access doors to site facilities and construction zones.

Location:

12 – 20 Berry Road 11-19 Holdsworth Avenue	Demolition Stage Civil Stage

North Boundary South Boundary	Construction Stage (Structure to Roof only)

Class B – 4000mm High (optional)

Description: A prefabricated modular steel gantry hoarding structure installed and assembled in segments to form an integrated overhead protective structure allowing pedestrians and cyclists to pass beneath, minimising encroachment on the footpath and incorporating the site fence. Alternatively Pedestrians can be rerouted across Berry Road to minimise construction and pedestrian interaction and remove the need for a Class B hoarding.

Location:

12 – 20 Berry Road	Construction Stage

Class D – ATF

Description: Modular and movable temporary fence panels on heavily weighted bases.

Location: Mobile – Temporary Barrier as needed

6.3 Hours of Work

The construction hours will be adhered to as follows:

Building Construction and works must be restricted to within the hours of 7:00am to 6:00pm Monday to Friday and on Saturday to within the hours of 7:00am to 01:00pm inclusive, with no work on Sundays and Public Holidays.

Demolition and excavation works must be restricted to within the hours of 7:00am to 5:30pm Monday to Saturday only. For the purposes of this condition:

“Building Construction” means any physical activity on the site involved in the erection of a structure, cladding, external finish, formwork, fixture, fitting of service installation and the unloading of plant, machinery, materials, or the like.

“Demolition Works” means any physical activity to tear down or break up a structure (or part thereof) or surface, or the like, and includes the loading of demolition waste and the unloading of plant or machinery.

“Excavation Works” means the use of any excavation machinery and the use of jackhammers, rock breakers, excavators, loaders, or the like, regardless of whether the activities disturb or alter the natural state of the existing ground stratum or are breaking up/removing materials from the site and includes the unloading of plant or machinery associated with excavation work.

6.4 Delivery and Traffic Management

Deliveries requiring vertical movement via crane and/or hoist will need to be booked with the Aqualand project team at least 48 hours prior to arrival. All delivery drivers will need to follow the traffic routes as

shown in the Construction Traffic Management Plan (CTMP) by Traffix. Note that the majority of deliveries through the structure phase will be managed within the loading zone on Berry Road and unloaded via tower crane.

Once access to the basements are accessible, small delivery trucks will be allowed to be unloaded within the site.

Note that all deliveries coming and leaving site must comply with the following criteria:

- The Contractor and their Subcontractor will provide to the satisfaction of the Aqualand project team on truck compliance with RMS and NSW heavy vehicle transport laws and requirements.
- Ensure compliance with the CTMP for vehicular and pedestrian movements throughout and at all entry and exit points of the site at all times.
- The loads of all vehicles are to be covered and wheels free of spoil and the like prior to entering and leaving site.
- A CTMP for the site has been developed for vehicular and pedestrian movements during the construction phase of the project. The CTMP has been prepared by Traffix Traffic and Transport Planner through consultation with the relevant authorities. Refer to Construction Traffic Management Plan by Traffix.
- Traffic Management Plans and Traffic Control Plans (TCP) will be established throughout the course of the project to identify the signage and traffic controls required to manage traffic, works and pedestrians. These plans will be compliant to the RMS Traffic Control at Worksites Technical Manual Version 5, dated 27th July 2018.

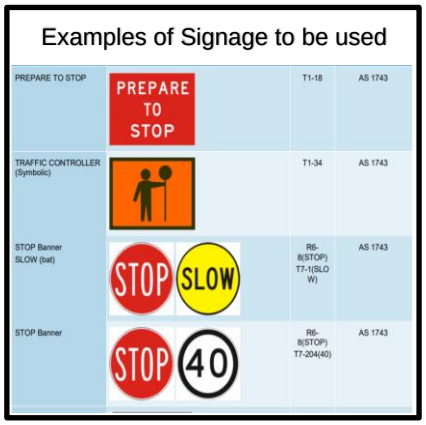


Figure 2: Examples of Traffic Control signage to be utilised on the St. Leonard South Project.

The following restrictions are to be implemented for vehicles on site.

- On site the speed limit is restricted to 5km/h
- Roof mounted flashing hazard lights must be operated at all times
- Reversing beepers required
- Personnel to wear high visibility safety vests at all times
- Spotters / escorts to accompany vehicles where required by JSA/SWMS

Relevant signage will be erected as required for traffic management to suit the varying access requirements.

Contractor is responsible to manage traffic within their own work zones. This may involve signage and barricading over and above general access as provided by the Aqualand project team.

All approach and departure routes to be in accordance with the Construction Traffic Management Plan.

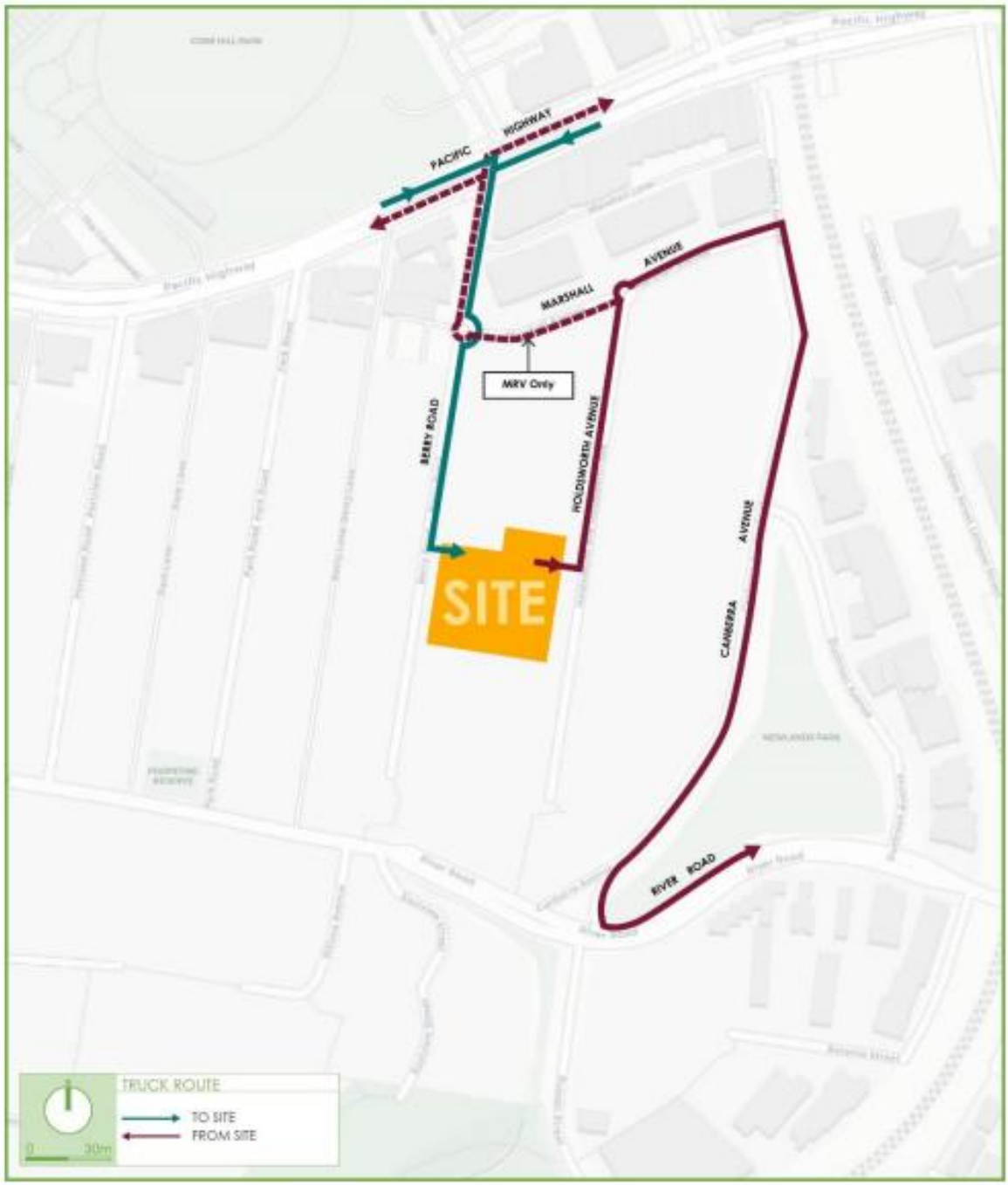


Figure 3: Traffix Demolition Truck Routes

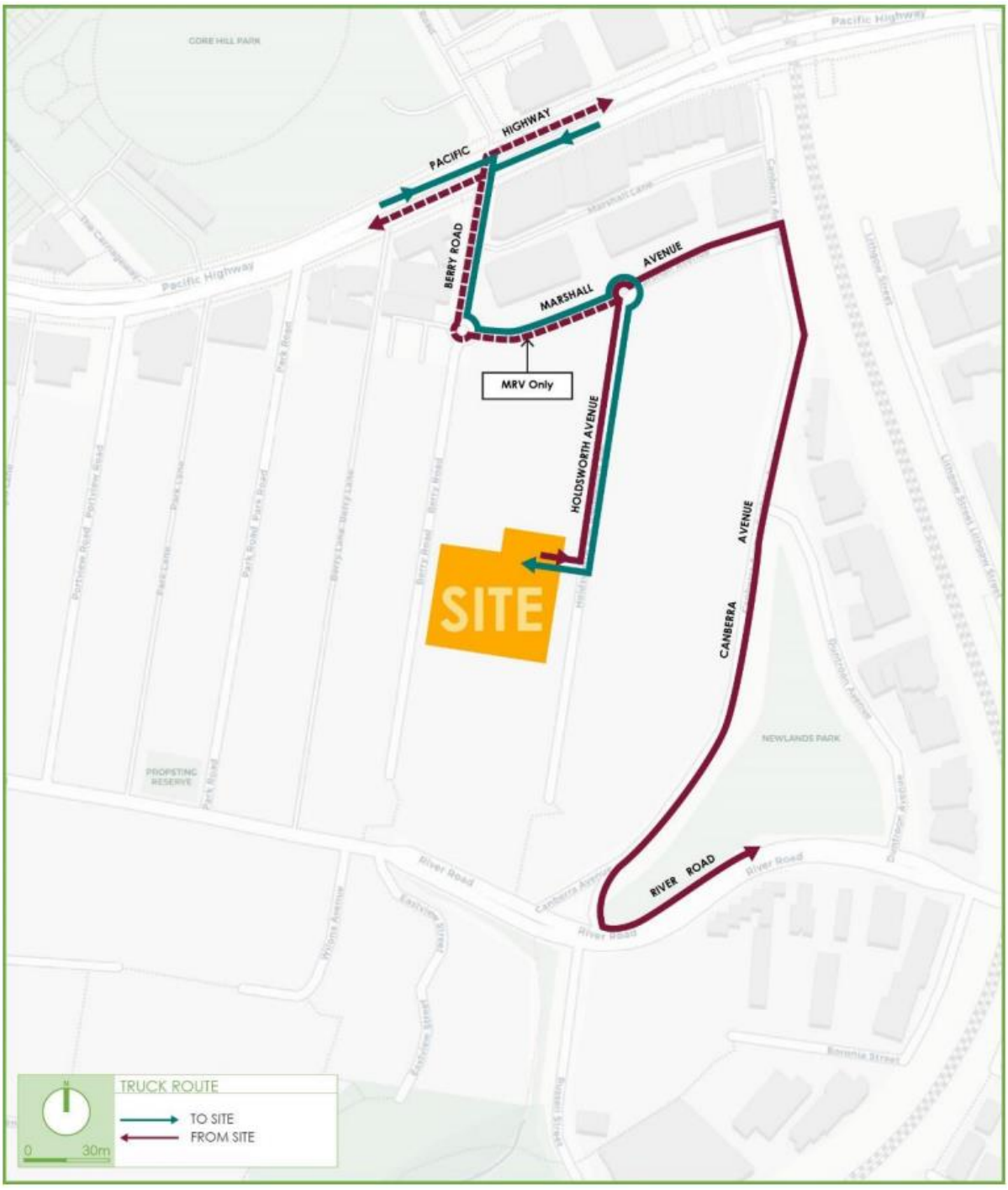


Figure 4: Traffix Excavation Truck Routes

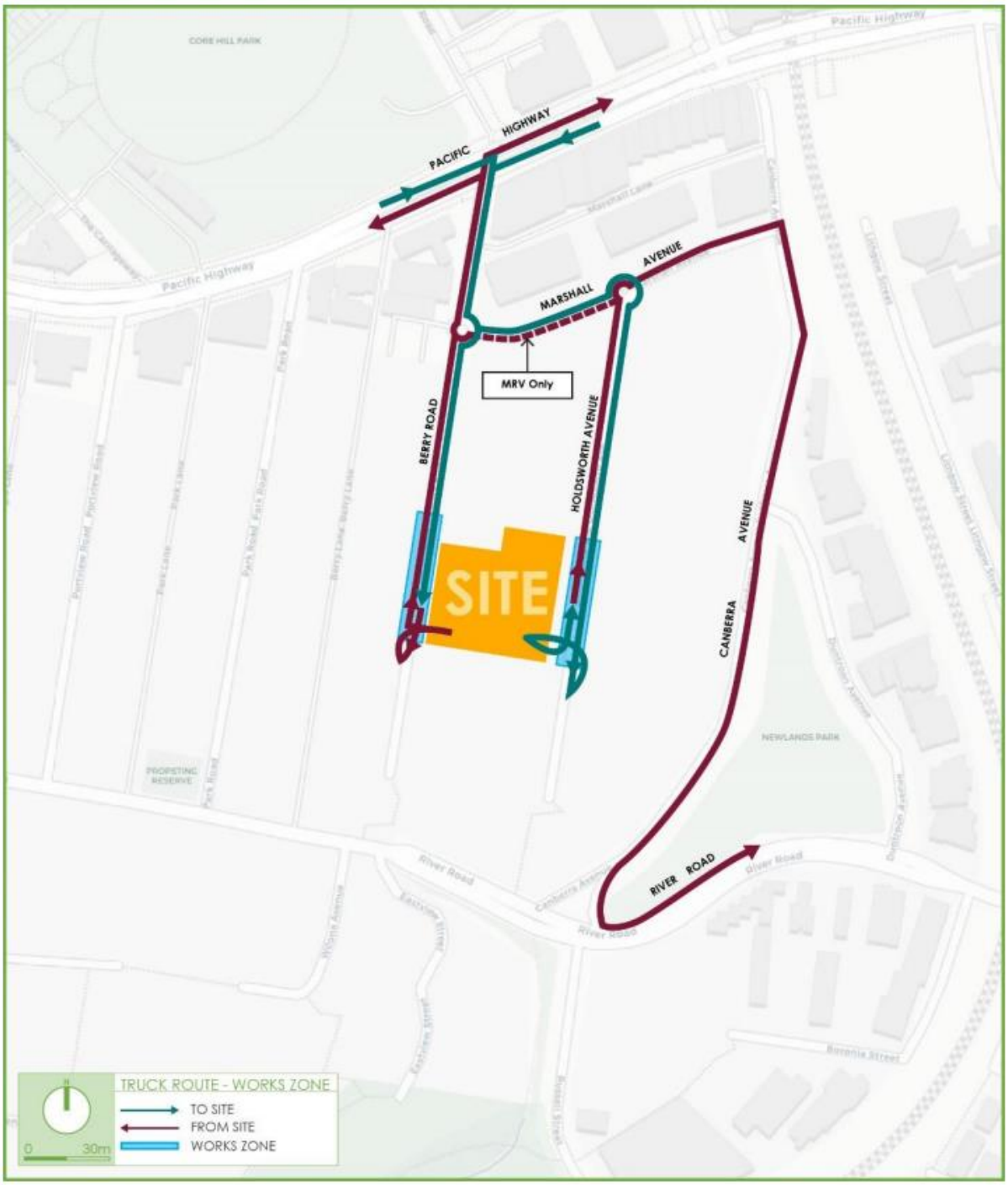


Figure 5: Traffix Structure Truck Routes

6.5 Staging

The project will be undertaken in the following critical stages as listed below:

1. Demolition of existing residential houses
2. Excavation and retention of new basements
3. Construction of new basements up to podium
4. Construction of the new buildings and façade
5. Internal finishes to apartments and common areas
6. Landscaping

6.6 Construction Works Program

The following description of works is to be read in conjunction with the Staging Diagrams.

Phase	**Target Commencement Date**	**Target Completion Date**
Demolition	March 2023	April 2023
Excavation and Retention	May 2023	September 2023
Basement Structure	September 2023	March 2024
Above Ground Structure to Practical Completion	March 2024	March 2025

Figure 6: Section Diagram of Excavation and Basement Phases

6.7 Crane and Materials Handling Strategy

The Project will be serviced with 1 tower crane and 2 personal and material hoists as shown in the attached staging drawings. The tower crane will operate out of the proposed work zones along Berry Road and will be lifted from Berry Road – no lifting, loading/unloading or truck access will be permitted on Holdsworth Avenue.

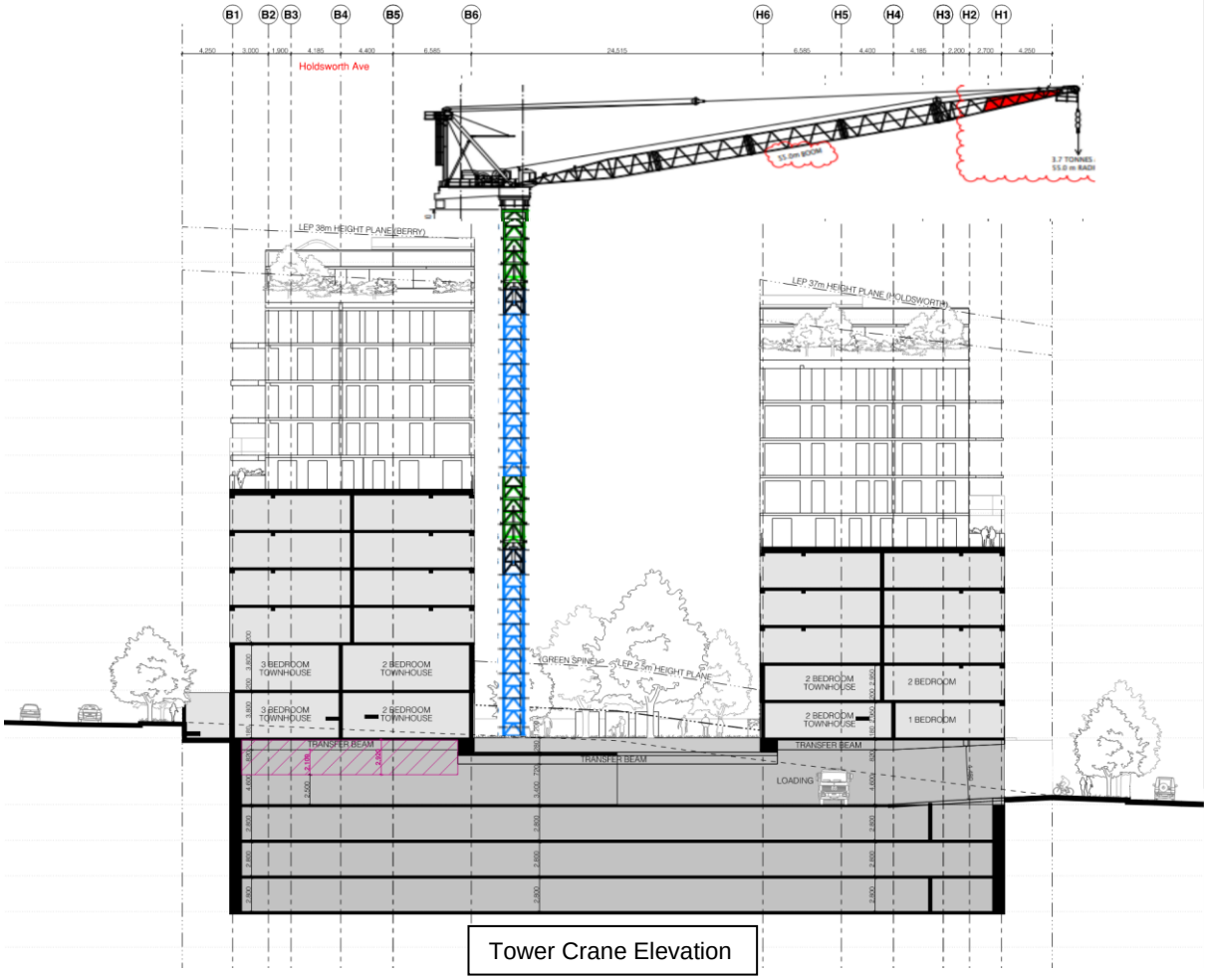


Figure 7: Tower Crane Elevation Diagram

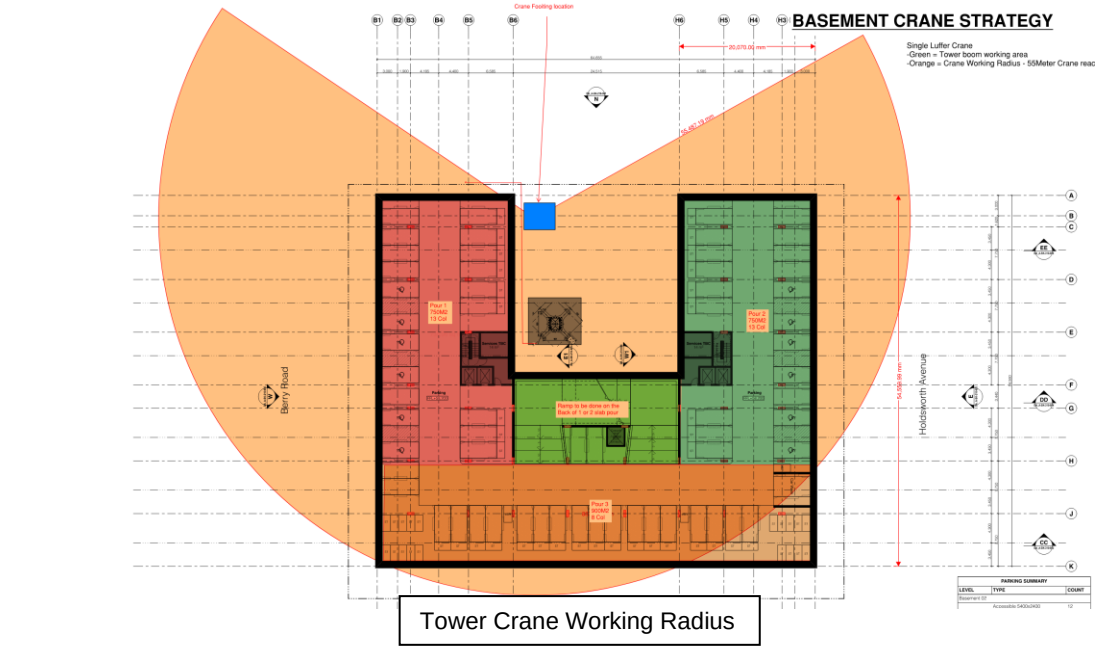


Figure 8: Tower Crane Working Radius Diagram

6.8 Site Accommodation and Site Establishment

Initial site accommodation will be established on the Holdsworth Ave hoarding and will cater for approximately 200 men. This will house 50% of the workforce for the project duration until the remaining 50% basement accommodation is completed. Access to the site accommodation will be via Holdsworth Avenue into the site.

Subcontractors working on the St Leonard South Project will be offered the use of shared site amenities and facilities. These will comprise of lunchrooms, ablutions, wash up areas, showers and change rooms. Specific meal break times may be allocated to each Subcontractor to ease congestion for the use of the facilities. These times will be allocated at the discretion of the Contractor. The facilities will be constructed and maintained in accordance with all relevant Work Health and Safety Legislation. Additional toilet blocks will also be temporarily installed around the construction site, as required, to cater for site personnel during working hours.

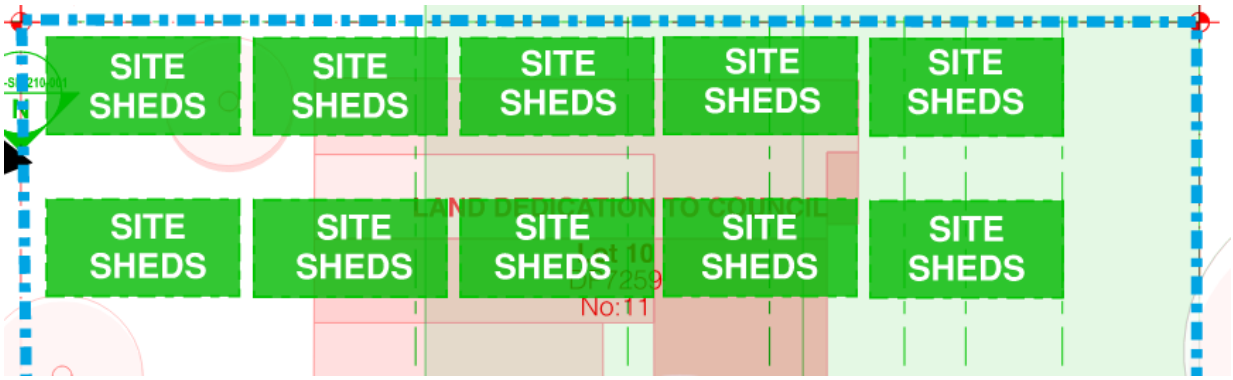


Figure 9: Indicative Site Accommodation Location Plan

6.9 Demolition Load Out

It is proposed that all demolition loading is completed from within the confines of the site. For this to be possible, the construction of an internal haul road will be required to manage truck loading. Expected equipment includes excavators, dozers, Truck and Dog, Semi-trailers. The internal haul road will require a new temporary lay back to enable trucks to enter from the Holdsworth Ave site entrance and depart from the same entrance. The relevant application will be submitted to Lane Cove Council for the construction of a new temporary crossing and lay back for the excavation and construction stages of the project.

6.10 Excavation Load Out

It is proposed that all excavation loading is completed from within the confines of the site. For this to be possible, the construction of an internal haul road will be required to manage truck loading through the various phases of the project. The internal haul road will require a new temporary lay back to enable trucks to enter from the Holdsworth Ave site entrance and depart from the same entrance. The relevant application will be submitted to Lane Cove Council for the construction of a new temporary crossing and lay back for the excavation and construction stages of the project. Contractor may use platforms within the site boundary to facilitate throughflow of heavy vehicles through site.

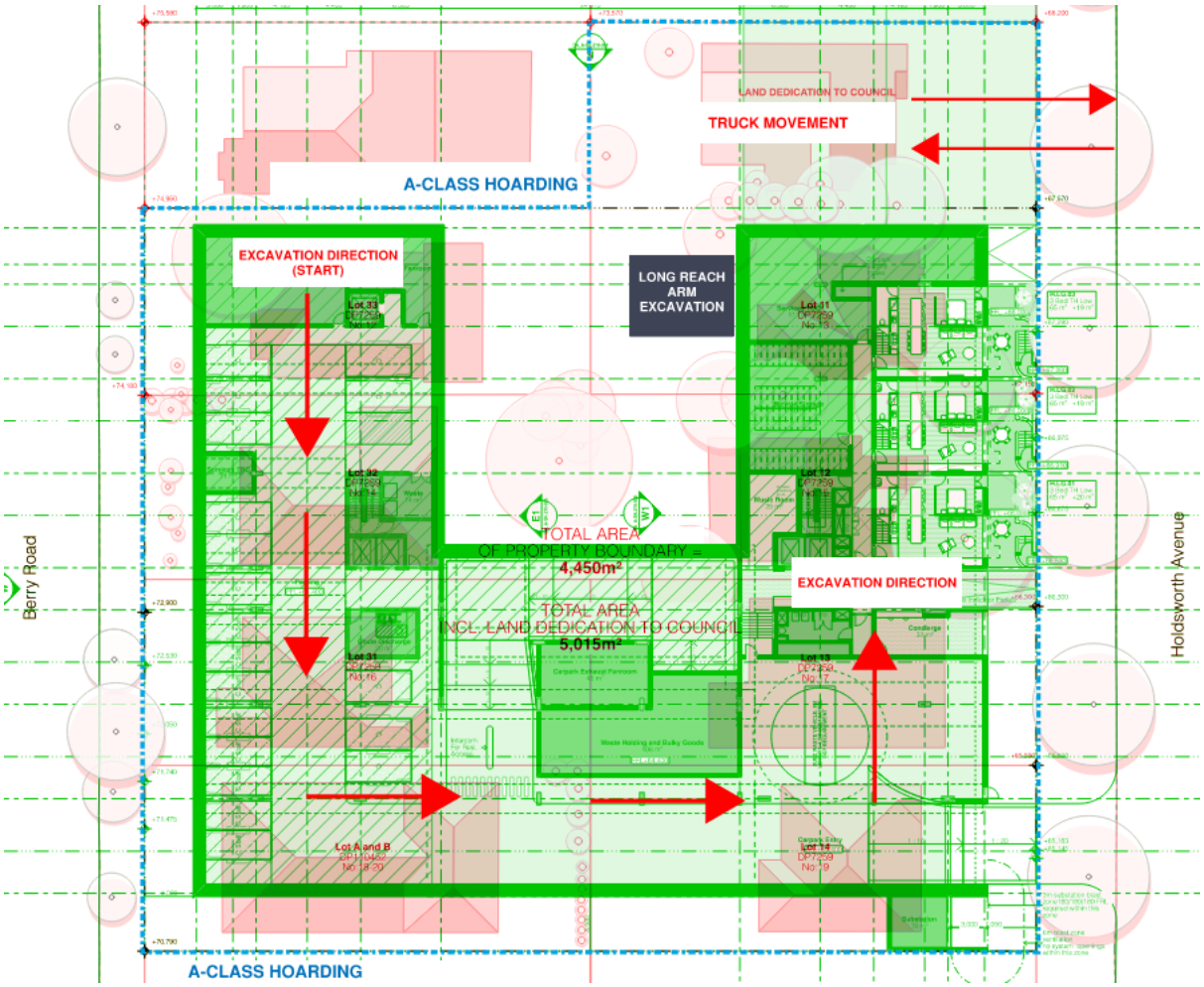


Figure 10: Excavation Load Out Plan

6.11 Materials Loading, Unloading and Concrete Pumping strategies

The diagram below is extracted from the Construction Traffic Management Plan (by Traffix) to illustrate the proposed work zone to facilitate deliveries during the construction of the project.

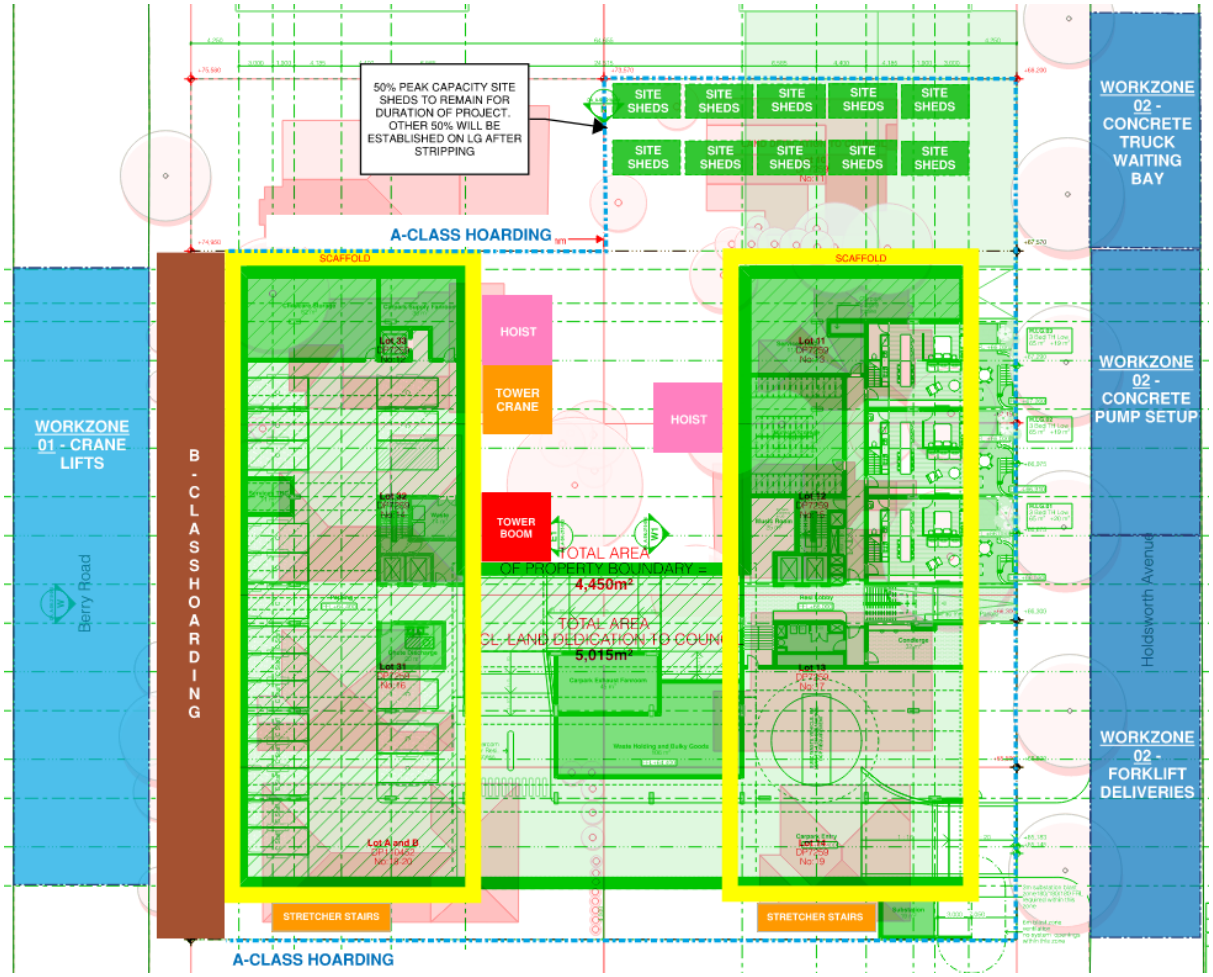


Figure 11: Site Establishment Plan (Construction Phase)

6.12 Site access and public transport routes

During construction, the Aqualand project team will consult with all Subcontractors and staff through inductions, pre-starts, and noticeboards to minimise parking on neighbouring streets. We envisage that due to the restrictions imposed on parking in the local area, a significant majority of the workforce will utilise public transport. The plans and timetables as shown below will be supplied to all workers prior to the commencement of works onsite and daily through site notice boards. Below the depicted routes to the train station and bus-stop.

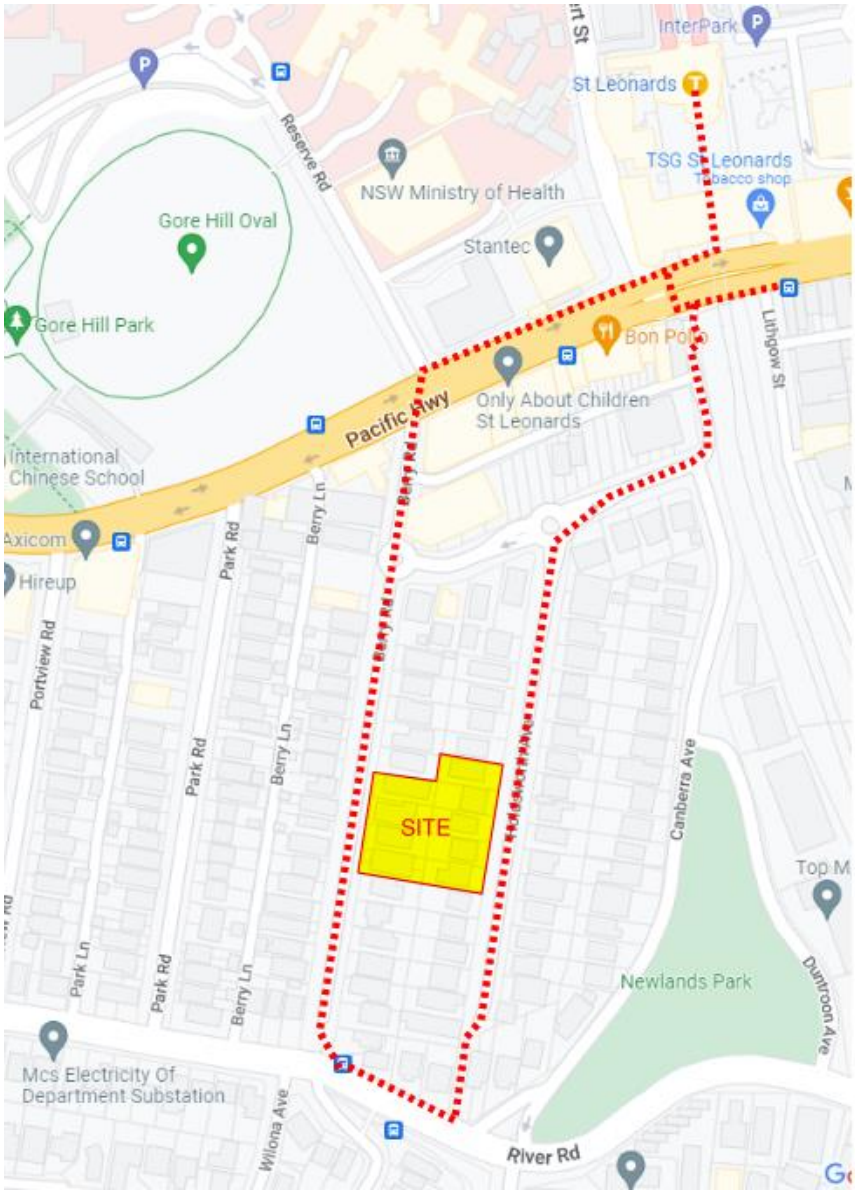


Figure 12: St Leonards Train Station & Bus Stop

Rail Line
T1 – City to Berowra via Gordon
T1 – Berowra to City via Gordon
T9 – North Shore to Hornsby via City
T9 – Hornsby to North Shore via City
CCN – Central Coast to Newcastle via Strathfield or Gordon
CCN – Newcastle to Central via Strathfield or Gordon

Bus routes and numbers (timetables will be confirmed at a later date or log into NSW transport to receive up to date notifications)

Route	Coverage
114	Royal North Shore Hospital to Balmoral
114	Balmoral to Royal North Shore Hospital
144	Manly to Chatswood via St Leonards
144	Chatswood to Manly via St Leonards
200	Gore Hill to Bondi Junction
200	Bondi Junction to Gore Hill
252	City King Street Wharf to Gladesville via North Sydney
252	Gladesville to City King Street Wharf via North Sydney
254	Riverview to McMahons Point
254	McMahons Point to Riverview
265	North Sydney to Lane Cove via Greenwich
265	Lane Cove to North Sydney via Greenwich
286	Milsons Point to Denistone East via North Sydney & St Leonards
286	Denistone East to Milsons Point via St Leonards & North Sydney
287	Milsons Point to Ryde via North Sydney & St Leonards
287	Ryde to Milsons Point via St Leonards & North Sydney
290	City Erskine St to Epping via North Sydney & Macquarie University
290	Epping to City Erskine St via Macquarie University & North Sydney
291	McMahons Pt to Epping
291	McMahons Pt to Epping
320	Green Square to Gore Hill
320	Gore Hill to Green Square
622	Milsons Point to Dural via Cherrybrook
622	Dural to Milsons Point via Cherrybrook
602X	Bella Vista Station to North Sydney (Express Service)
602X	602X North Sydney to Bella Vista Station (Express Service)
612X	North Sydney to Castle Hill (Express Service)
612X	Castle Hill to North Sydney (Express Service)
N90	Hornsby to City Town Hall via Chatswood (Night Service)
N90	City Town Hall to Hornsby via Chatswood (Night Service)
N91	Macquarie Park to Bondi Junction via City Town Hall (Night Service)
N91	Bondi Junction to Macquarie Park via City Town Hall (Night Service)

12T1	Chatswood, then all stations to Central
15T1	Chatswood, then Artarmon, St Leonards, North Sydney, Wynyard, Town Hall, Central
21T1	Chatswood, then all stations to Wynyard
22T1	Chatswood, then Artarmon, St Leonards, North Sydney, Wynyard
578N	Queenwood to Lane Cove Shops
591N	Mosman HS to Lane Cove
646W	Denistone East to North Sydney Boys High
647W	Epping Station to North Sydney Boys High
648W	Fitzroy St, Milsons Pt to Epping Station
649W	Epping Station to North Sydney Girls High
651W	North Sydney Girls High to Lane Cove West
653W	Lane Cove Shops to North Sydney Boys High
689W	St. Ignatius, Riverview to Crows Nest
690W	St. Ignatius, Riverview to East Willoughby
690W	East Willoughby to St. Ignatius, Riverview
701W	St. Philip Neri to Blaxlands Corner
775W	Lane Cove West to Milsons Point
778W	Fitzroy St, Milsons Pt to Lane Cove West

6.13 Site Environmental Controls

Best practices are to be used during all phases of the project to ensure run off from the site is controlled. The following will be implemented during the construction of the project in conjunction with the Erosion and Sediment Control Plan (BG&E).

- Partial concreted haul road to minimise slurry runoff off-site
- Shaker grids at all exit points
- Silt fencing along all fence lines where water runoff occurs
- Hay bales and sediment fencing to all internal pits
- Water discharge procedures to be implemented with PH and turbidity testing prior to any discharge – records to be sent to the Aqualand Site Manger on request

7.0 NOISE AND VIBRATION MANAGEMENT PLANS

Aqualand Construction is committed to ensuring compliance with noise and vibration during the demolition, excavation and construction stages for the project. The Noise and Vibration Management Plan has been prepared as a part of the Noise Impact Assessment by Pulse White Noise Acoustic as part of this DA lodgement.

7.1 Project Objective

The objective of this management plan is to minimise noise & vibration emissions from the construction work associated with this project and assist in maintaining a satisfactory environment around the site.

7.2 Noise Criteria

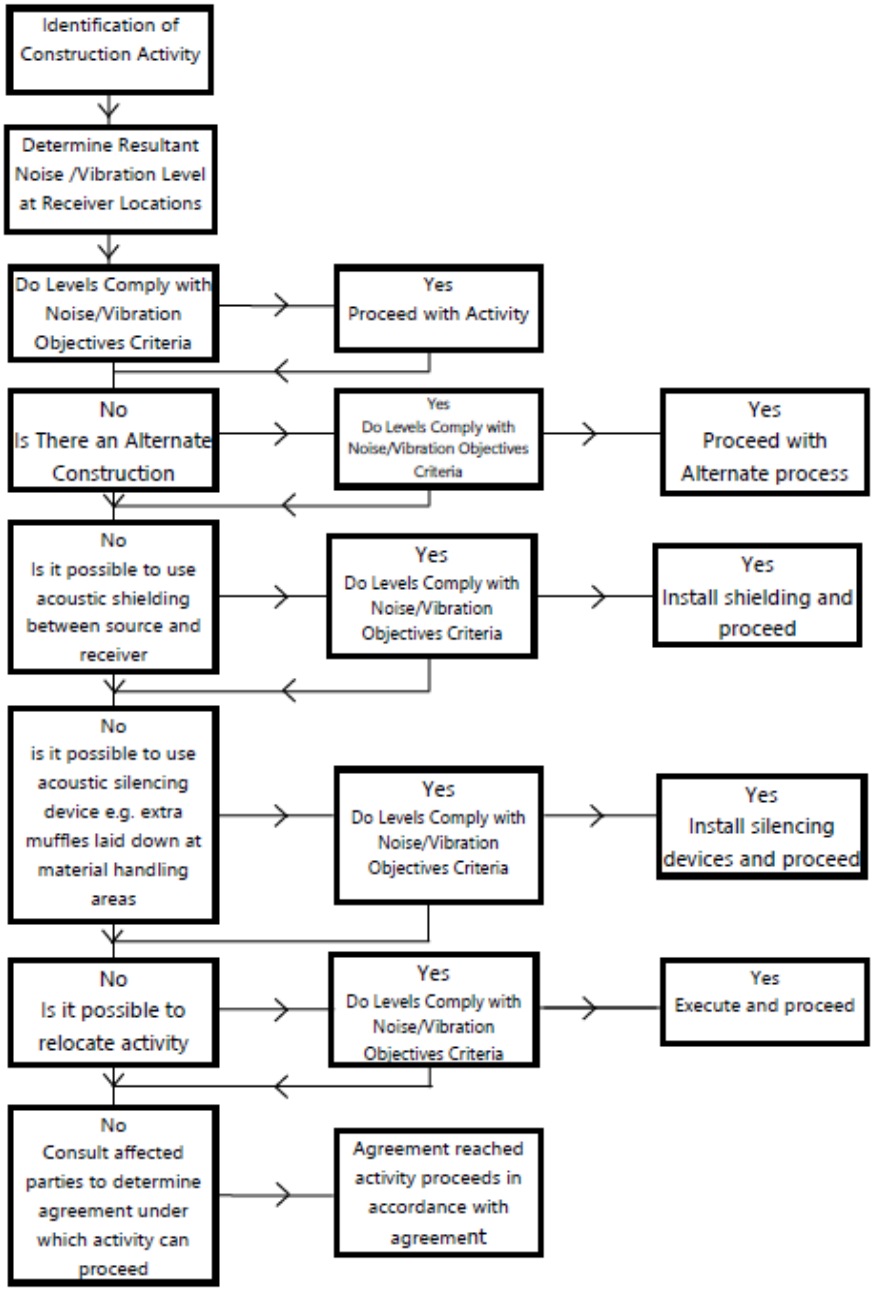
The criteria for noise from construction activities on this project are aimed at maintaining comfort levels within the surrounding buildings and will be controlled in accordance with the criteria outlined in the DA Conditions and AS 2436:2010 *Guide to Noise Control on Construction, Maintenance and Demolition Sites* and NSW EPA's *Interim Construction Noise Guidelines.*

7.3 Vibration Objectives

Vibration caused by construction at any residence or structure outside the subject site must be limited to the following;

- For structural damage vibration, German Standard DIN 4150-3 *Structural Vibration: Effects of Vibration on Structures;* and
- For human exposure to vibration, Department of Environment and Conservation NSW "Assessing Vibration: A Technical Guideline" (Feb 2006) is based on the guidelines contained in BS 6472:1992 *Guide to Evaluate Human Exposure to Vibration in Buildings (1Hz to 80Hz)* for low probability of adverse comment.

The flow chart below represents the procedural steps to manage and mitigate noise and vibration during the works.



Procedure to manage noise and vibration extracted from Noise and Vibration Management Plan by PWNA

8.0 COMMUNITY CONSULTATION

The Project Team can engage a community consultant who will be managing all external communications as noted below if necessary, as part of the DA consent.

- Community relations inclusive of dealing with complaints relating to construction issues
- Consultation inclusive of quarterly letter box drops to neighbouring properties advising of construction phasing and general upcoming milestones
- Hotline established for all emergency and afterhours calls
- Email established with Aqualand management which will be sent to all critical staff once a complaint or issue has been raised for closeout.
- Further to the above all project signage will be installed along the external hoardings to all access points, gates and doorways which will identify the contact details of the Aqualand Site Office and mobile phone contact details of the workplace manager.
- The map below defines all the stakeholders within the development vicinity and will be key to all communication during the demolition, civil and construction phases of the project. The area shown in the circle will be subject to letterbox drops and general consultation throughout the project.

9.0 CONSTRUCTION WASTE MANAGEMENT PLAN

A Construction & Demolition Waste Management Plan has been developed and submitted by Elephants Foot Consulting Pty Ltd for the removal of all waste from the Project. Continual review of the Waste Management Plan will be undertaken to ensure continual compliance with environmental regulations and standards.

9.1 Management of Hazardous Waste Materials

In the event that any contaminated or hazardous materials are unexpectedly uncovered during demolition or excavation works, the Site Manager is to stop work immediately in that location and contact the relevant certified hazardous waste contractor prior to further works being undertaken in the area.

The following general mitigation measures will apply:

- Contaminated material stockpiled on site will be minimised as far as possible and should be stored on HDPE liner, in a bunded location which is protected from inclement weather;
- Sediment fences should be installed around the base of stockpiles and the stockpiles should be covered. Where excavated material requires validations, samples should be taken for NATA laboratory testing as per the requirements of the contamination assessment prior to restoration works, backfilling exercises and disposal;
- Any trucks carrying contaminated materials should be securely and completely covered immediately after loading the materials (to prevent windblown emissions and spillage) and must be licensed by the NSW Environmental Protection Authority (EPA);
- Decontamination of all equipment prior to demobilisation from the site is important so that contaminated materials are not spread off-site.

9.2 Management of Demolition Waste

The demolition stage of the development provides the greatest opportunity for waste minimisation and resource recovery. The first thing that should be considered is whether it is possible to reuse existing buildings or parts of buildings for the proposed use. With careful on-site sorting and storage and by staging work programs it is possible to reuse many materials, either on or off-site.

The existing buildings on the site will be demolished and a new building will be constructed. Where possible, materials will be reused, such as crushing concrete for use as clean fill. However, the majority of the components of the demolished buildings will either be reused for the same purpose or disposed of offsite.

All demolition activities will be planned and undertaken in accordance with relevant waste minimisation policies and DA requirements.

9.3 Management of Excavation Waste

All excavated material generated on the site may be re-used in the landscaping or used on other sites as fill material, provided no contamination is present. If sandstone is found to be present, this may be sold or incorporated into the building design.

The following measures and safeguards will apply to the development for excavated material:

- Wherever practical, excavation material will be reused as part of the development;
- Excavation material that is not natural (virgin) material will be transported to an approved landfill site or off-site recycling depot;
- A waste classification assessment of the fill material should be undertaken prior to it being

acceptable for waste disposal purposes;
- Transportation routes for excavation material removed from site will be identified and used.

9.4 Management of Construction Waste

Waste generated during the construction stage of the development will be managed by the principal contractor and sub-contractors, with materials being reused and recycled wherever possible. Where neither reuse nor recycling are possible, waste will be disposed of as general waste at a licensed landfill site.

Recyclable material generated during construction will largely consist of off-cuts and discarded bricks, timber, steel, concrete, tiles, plasterboard, and piping, as well as packaging materials.

Waste types likely to be generated on the site include the following:
- General Waste
- Putrescible waste (lunchroom waste from site personnel)
- Cardboard & White Paper, amended plans & drawings
- Bottles, Cans & Plastics
- Concrete / Bricks / Tiles / Timber & Gyprock
- All the above conform to Australian Standard AS 2601-2001

A waste contractor will be engaged and will supply builder's waste bins for the onsite collection and storage of general waste material. For this development of this CMP, Orange Bins has been consulted with. The waste materials from the St Leonards South Project will be transported to the following facilities as per the attached table from Orange Bins depending on the criteria of the material (NOTE: Final selection of bins provider is TBC and will be confirmed via tender process):

Waste Facilities Currently used

Subcontractor's Name	Address	Phone
One Steel Recycling	53/57 Riverside Rd Chipping Norton	9205 7900
Orange Recycling	18 Pine Road Yennora	1300 767 009
Paper Trade Processing	Heathcote Road Moorebank	02 9602 8255
Resourceco	35-37 Frank Street WETHERILL PARK	9134 6500
Suez Environmental	135 Elizabeth Dr Kemps Creek	8754 0000

Facility locations for the disposal of various waste types

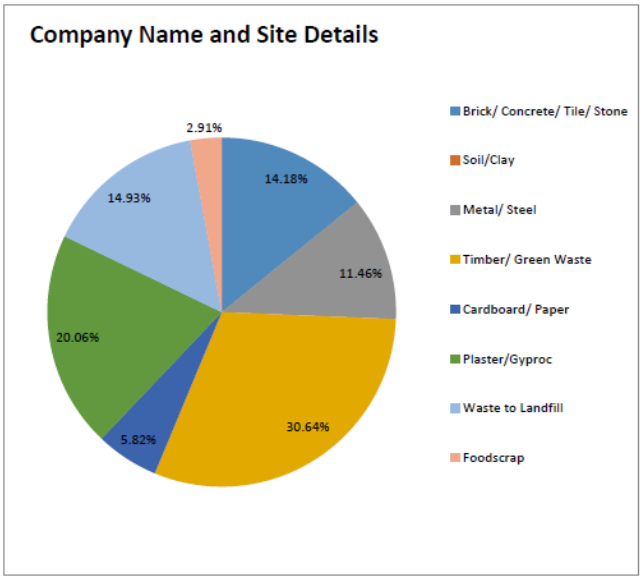
Upon Orange Bin's arrival at the Waste Facility, the waste is emptied and sorted through. Once the product has been sorted into its various commodities (as listed above). The waste facility then processes the individual recyclable waste streams into reusable products available for re-sale to the public as described below.

- Concrete is crushed, pulverized and sold as recycled aggregate
- Bricks are also crushed, pulverized and sold as recycled road base
- Timber is sent to ResourceCo
- Steel is sent to One steel for recycling

- Plasterboard is broken down at ResourceCo to a gypsum product and sold to farmers as a soil additive
- Cardboard & White Paper Recycling to Paper trade Moorebank for recycling
- Bottles, Cans & Plastics Recycling to Visy for recycling

To ensure the correct product is placed into the appropriate bins, suitable signage will be displayed on all the bins.

	Total Volume	Recycled	
Brick/ Concrete/ Tile/ Stone	14.18%	14.18%	Orange Recycling
Soil/Clay	0.00%	0.00%	Resourceco
Metal/ Steel	11.46%	11.46%	One Steel Recycling
Timber/ Green Waste	30.64%	30.64%	Resourceco
Cardboard/ Paper	5.82%	5.82%	Paper Trade - Moorebank
Plaster/Gyproc	20.06%	20.06%	Resourceco
Waste to Landfill	14.93%		Resourceco
Food scrap	2.91%		Suez Environmental
	100.00%	82.16%	



Monthly waste reports to indicate amount of waste material from site recycled.

10.0 HEALTH SAFETY AND ENVIRONMENT

The project Work Risk Management Plan (WRMP) will be developed and implemented for this project to assure the Work Health Safety and Environment of all personnel including workers, as well as members of the public is managed to industry standards and to comply with the Work Health and Safety Act and Regulations.

All control documents are contained within the WRMP including Aqualand policies and procedures as required for reporting which includes:

- Workplace Organisational Chart
- Important HSE Internet Addresses
- Aqualand HSE Documents
- Workplace HSE Records Matrix
- Workplace Communication & Consultative Events
- Workplace Emergency Response Plan

- Plant Equipment & Processes Inspection & Testing Schedule
- Risk & Opportunity Register
- Signed Project HSE Roles & Responsibilities
- Training Needs Analysis

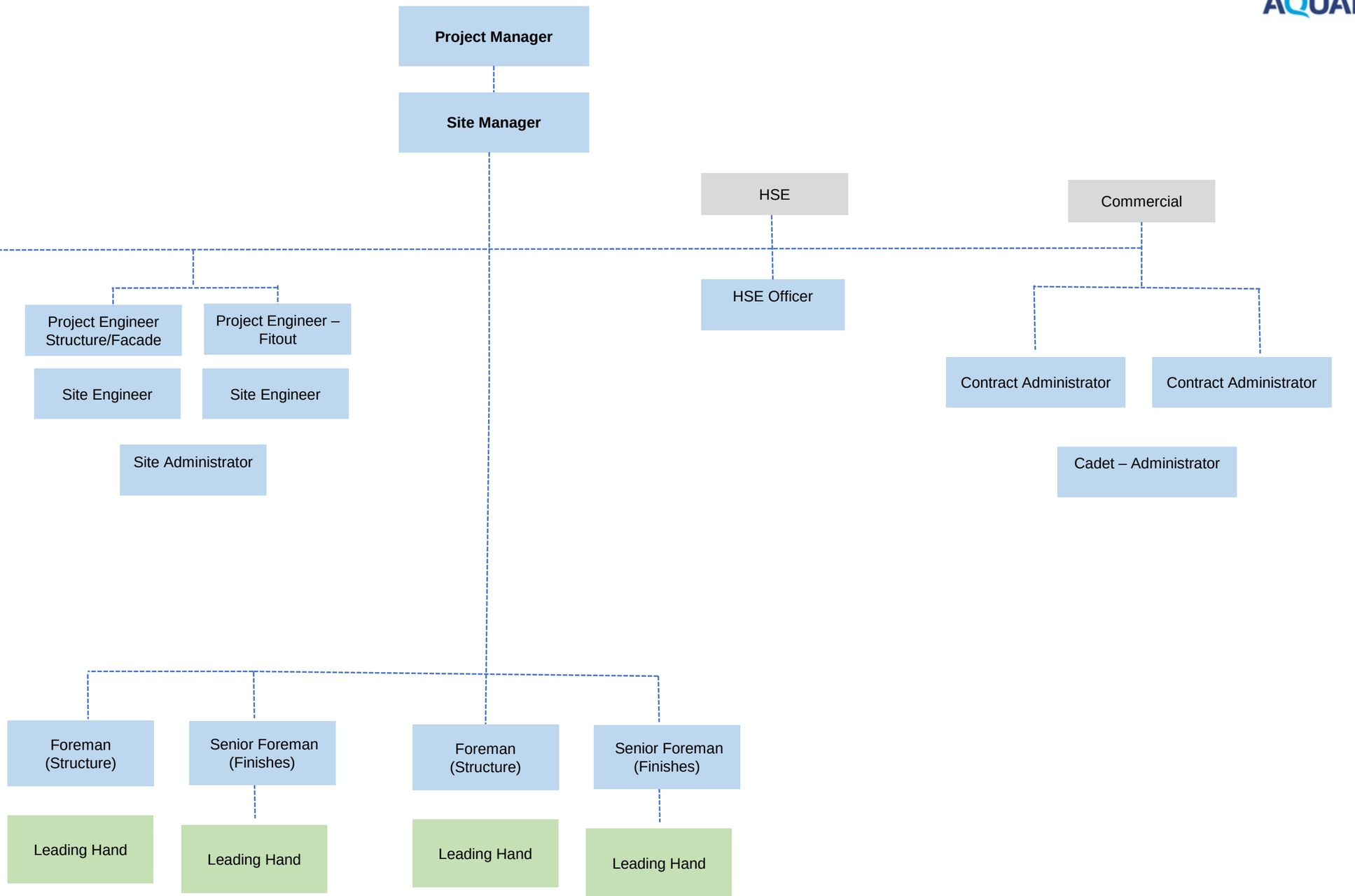
Some of the Aqualand policies include:

- Code of Conduct
- COVID-19 Policy
- Recruitment
- Equal Employment Opportunity
- Harassment, Bullying and Occupational Violence
- Training & Development
- Graduate & Undergraduate Programme
- Apprentice & Cadet Programme
- Smoking, Drugs and Alcohol

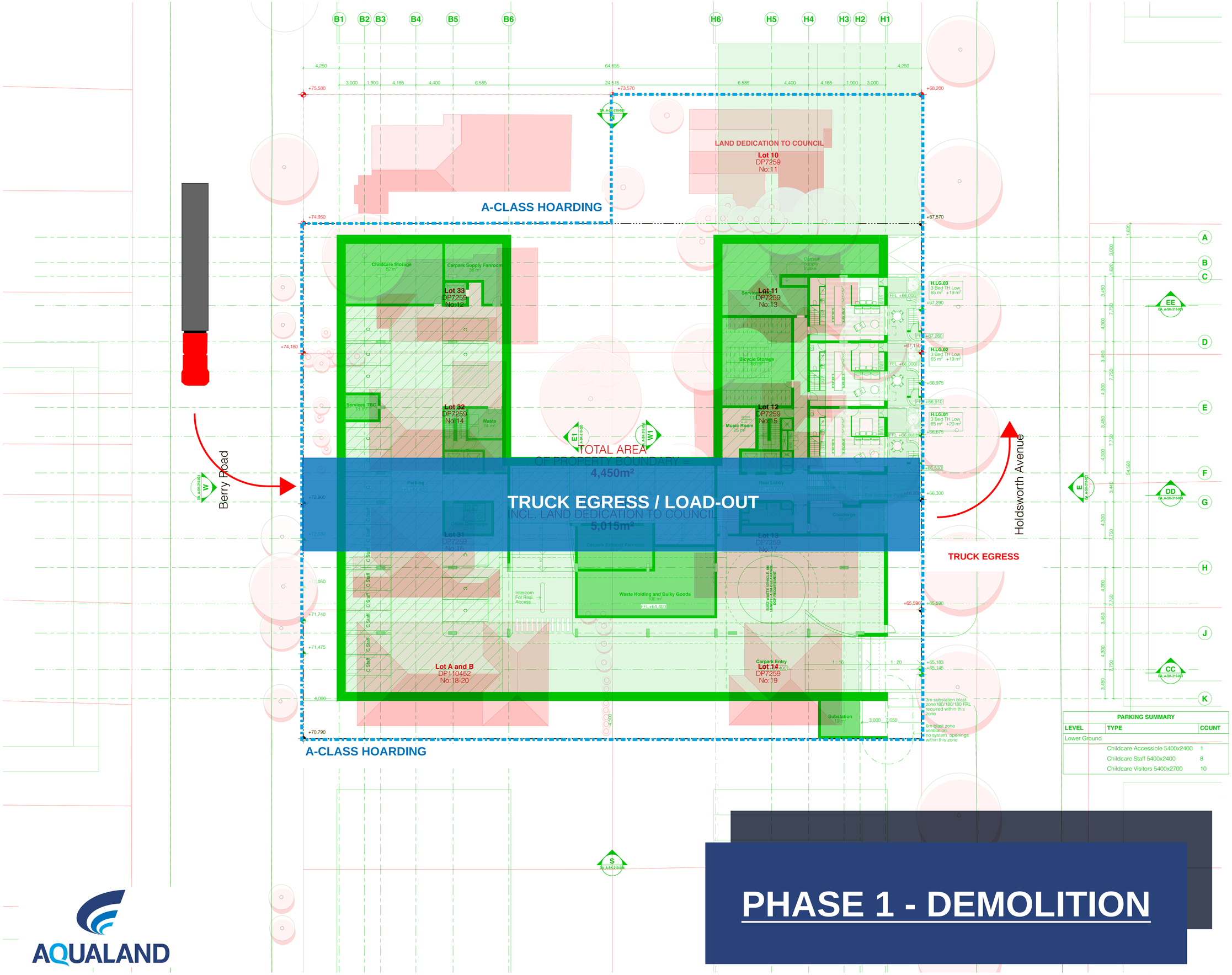
Annexure 01 – Aqualand Project Organisational Chart

CONSTRUCTION ORGANISATION CHART

DELIVERY



Annexure 02 – Hoarding Staging



SILVESTER FULLER

PRELIMINARY DESIGN

Rev	Date	Description	By	Chk.
01	29/10/2021	For Information	RK CN TC	HS
02	26/11/2021	For Information	TC	HS
03	03/12/2021	For Information	RK TC	HS
04	21/12/2021	Concept Design	TC	HS
05	02/02/2022	For Coordination	TC SV	HS

KEY:

= Proposed structure by Dunnings to be reviewed with Architect

= Potential Service/Storage Mezzanine

Note: Mechanical and Electrical spatials to be reviewed by consultants.Hydraulic spatials to be provided by consultant

Design Architect
SILVESTER FULLER

Documentation Architect
Webber

Town Planner
GYDE Consulting

Landscape Architect
RPS Group

Structural Engineer
Dunnings Consulting

Services Engineer
Shelmerdines

Vertical Transport
LCI Consultants

Waste Constultant
Elephants Foot

Access Consultant
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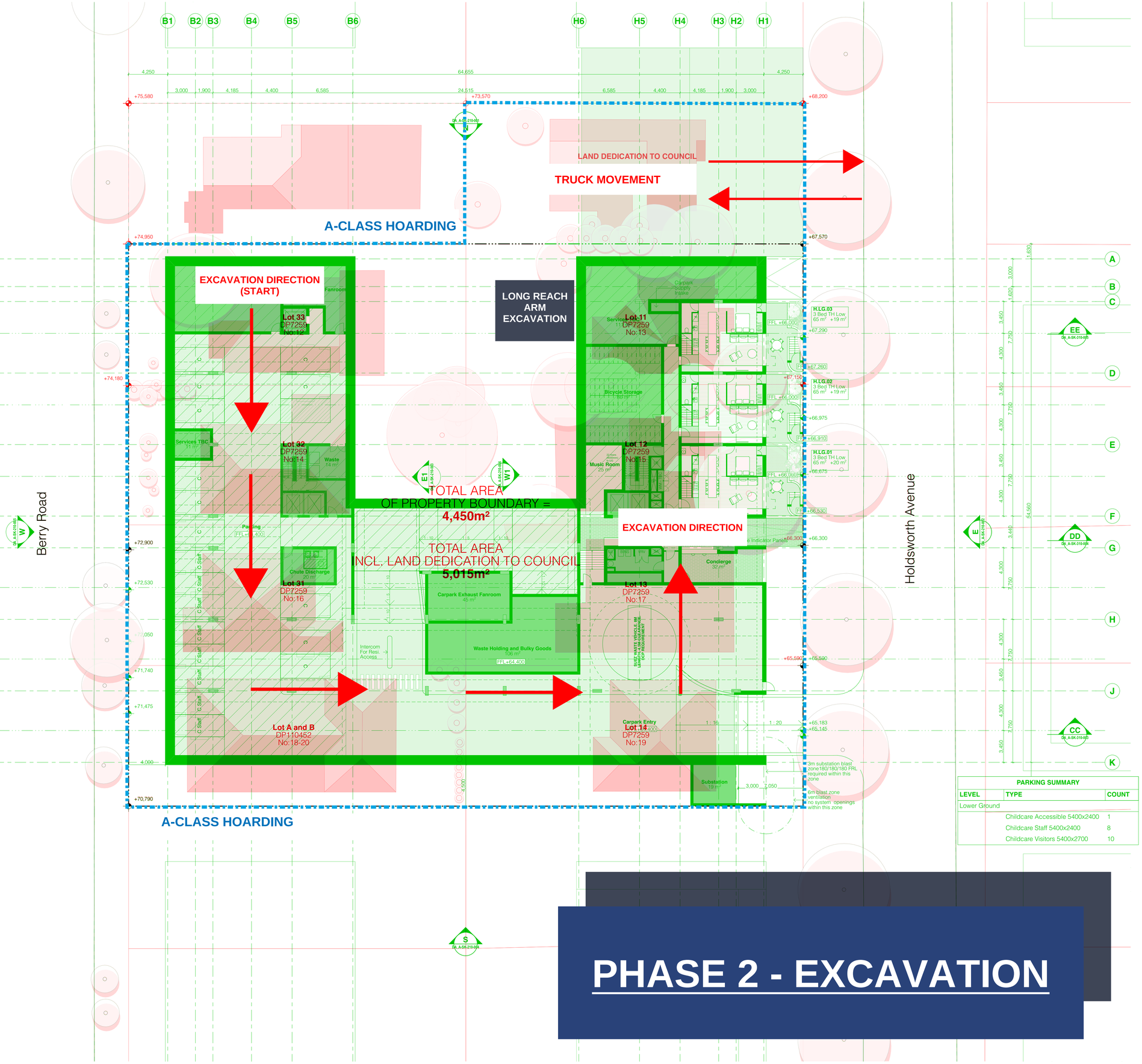
Date	Scale	Sheet Size
02.02.22	1:200	A1

Drawn	Chk.	Project #
TC SV	HS	152

Project
Berry Holdsworth
12-20 Berry Road & 11-19 Holdsworth Avenue
St Leonards South NSW 2065 Australia

Drawing Name
SITE PLAN
Plan Existing

Drawing # DA_A-SK-100-000
Revision 05



PARKING SUMMARY		
LEVEL	TYPE	COUNT
Lower Ground		
	Childcare Accessible 5400x2400	1
	Childcare Staff 5400x2400	8
	Childcare Visitors 5400x2700	10

KEY:

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= Potential Service/Storage Mezzanine

Note: Mechanical and Electrical spatials to be reviewed by consultants.Hydraulic spatials to be provided by consultant

PHASE 2 - EXCAVATION

AQUALAND

SILVESTER FULLER

PRELIMINARY DESIGN

Rev	Date	Description	By	Chk.
01	29/10/2021	For Information	RK CN TC	HS
02	26/11/2021	For Information	TC	HS
03	03/12/2021	For Information	RK TC	HS
04	21/12/2021	Concept Design	TC	HS
05	02/02/2022	For Coordination	TC SV	HS

Design Architect
SILVESTER FULLER

Documentation Architect
Webber

Town Planner
GYDE Consulting

Landscape Architect
RPS Group

Structural Engineer
Dunnings Consulting

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Date	Scale	Sheet Size
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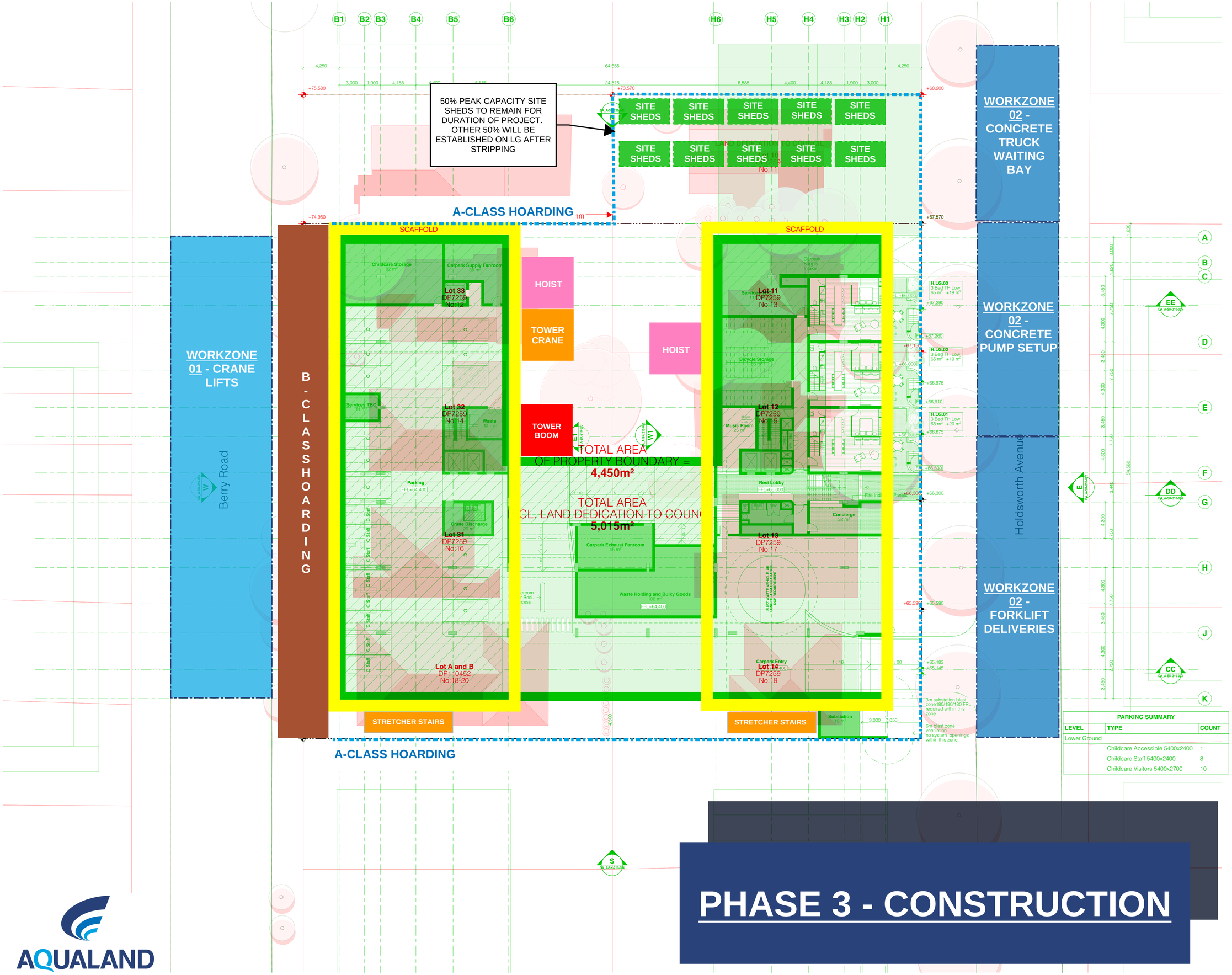
Drawn	Chk.	Project #
TC SV	HS	152

Project
Berry Holdsworth
12-20 Berry Road & 11-19 Holdsworth Avenue
St Leonards South NSW 2065 Australia

Drawing Name
SITE PLAN
Phase Existing

Drawing #
DA_A-SK-100-004

Revision
05



PARKING SUMMARY		
LEVEL	TYPE	COUNT
Lower Ground		
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	Childcare Visitors 5400x2700	10

KEY:

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= Potential Service/Storage Mezzanine

Note: Mechanical and Electrical spatials to be reviewed by consultants.Hydraulic spatials to be provided by consultant

PHASE 3 - CONSTRUCTION

AQUALAND

SILVESTER FULLER

PRELIMINARY DESIGN

Rev	Date	Description	By	Chk.
01	29/10/2021	For Information	RK CN TC	HS
02	26/11/2021	For Information	TC	HS
03	03/12/2021	For Information	RK TC	HS
04	21/12/2021	Concept Design	TC	HS
05	02/02/2022	For Coordination	TC SV	HS

Design Architect
SILVESTER FULLER

Documentation Architect
Webber

Town Planner
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Date	Scale	Sheet Size
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Drawn	Chk.	Project #
TC SV	HS	152

Project
Berry Holdsworth
12-20 Berry Road & 11-19 Holdsworth Avenue
St Leonards South NSW 2065 Australia

Drawing Name
SITE PLAN
Phase Existing

Drawing #
DA_A-SK-100-004

Revision
05