

Logistics Pack

25 Sheldon Avenue
Highgate

Date:
30/08/23

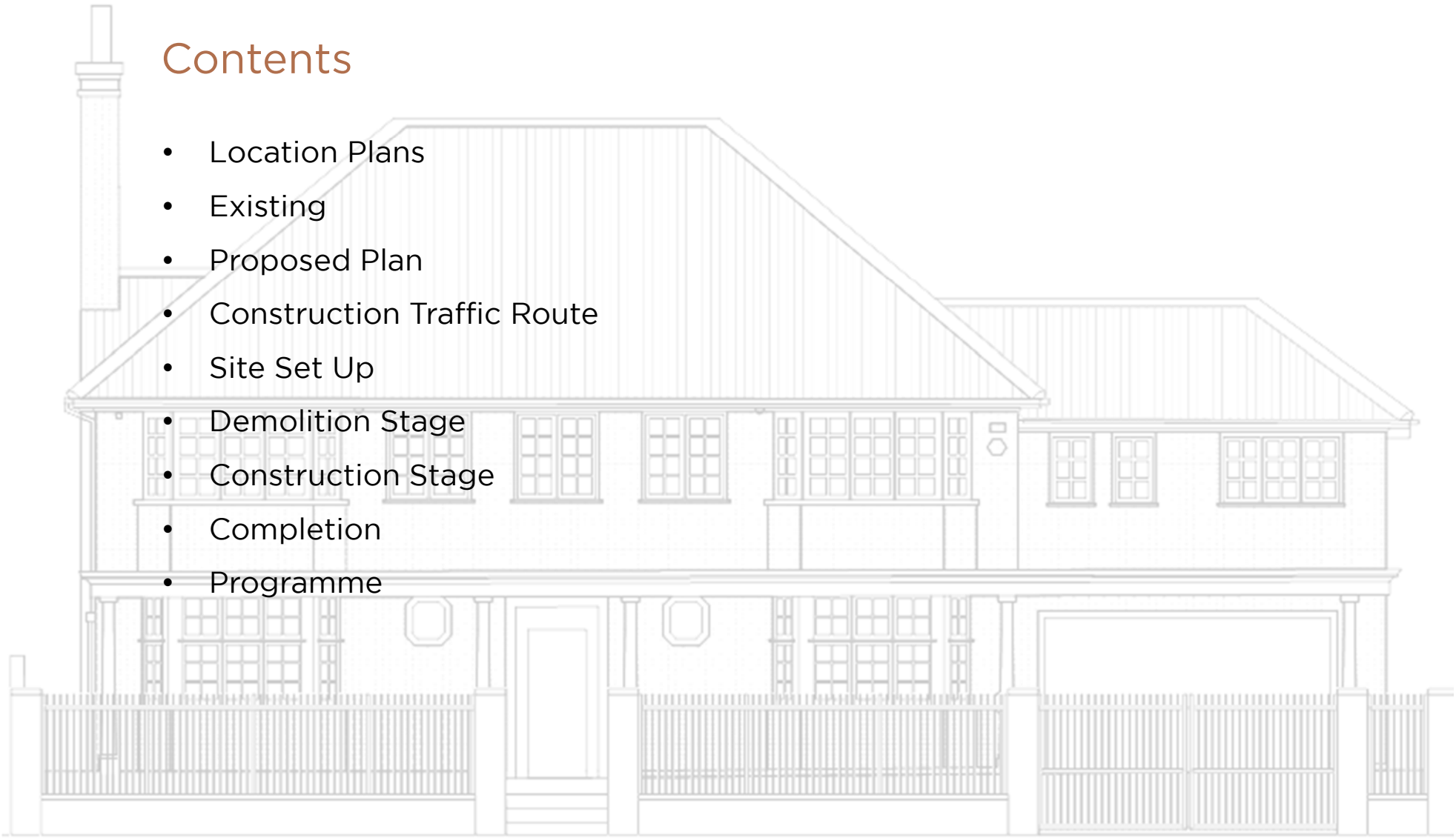
Rev:
02

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L . Graham



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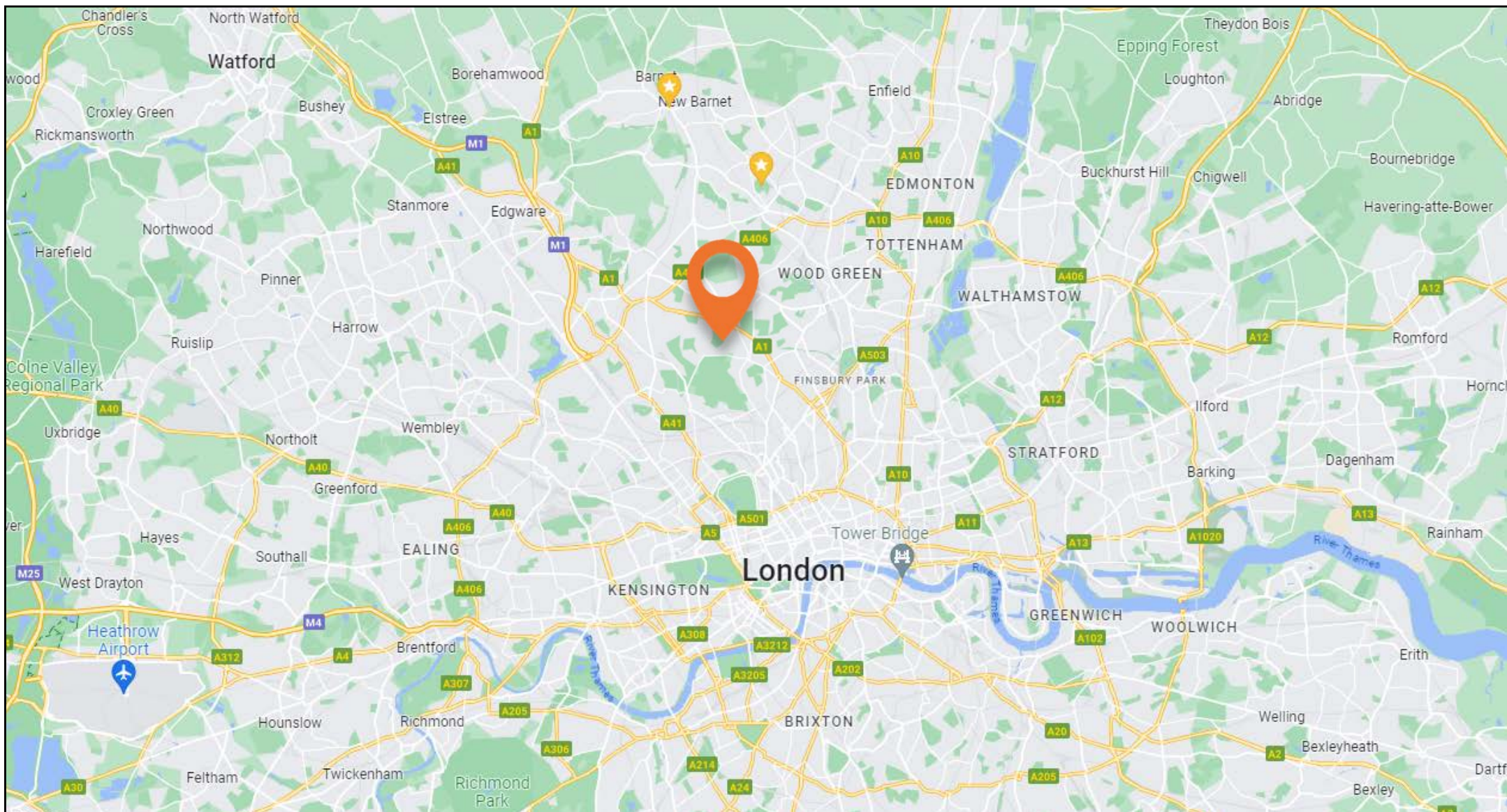


25 Sheldon Ave

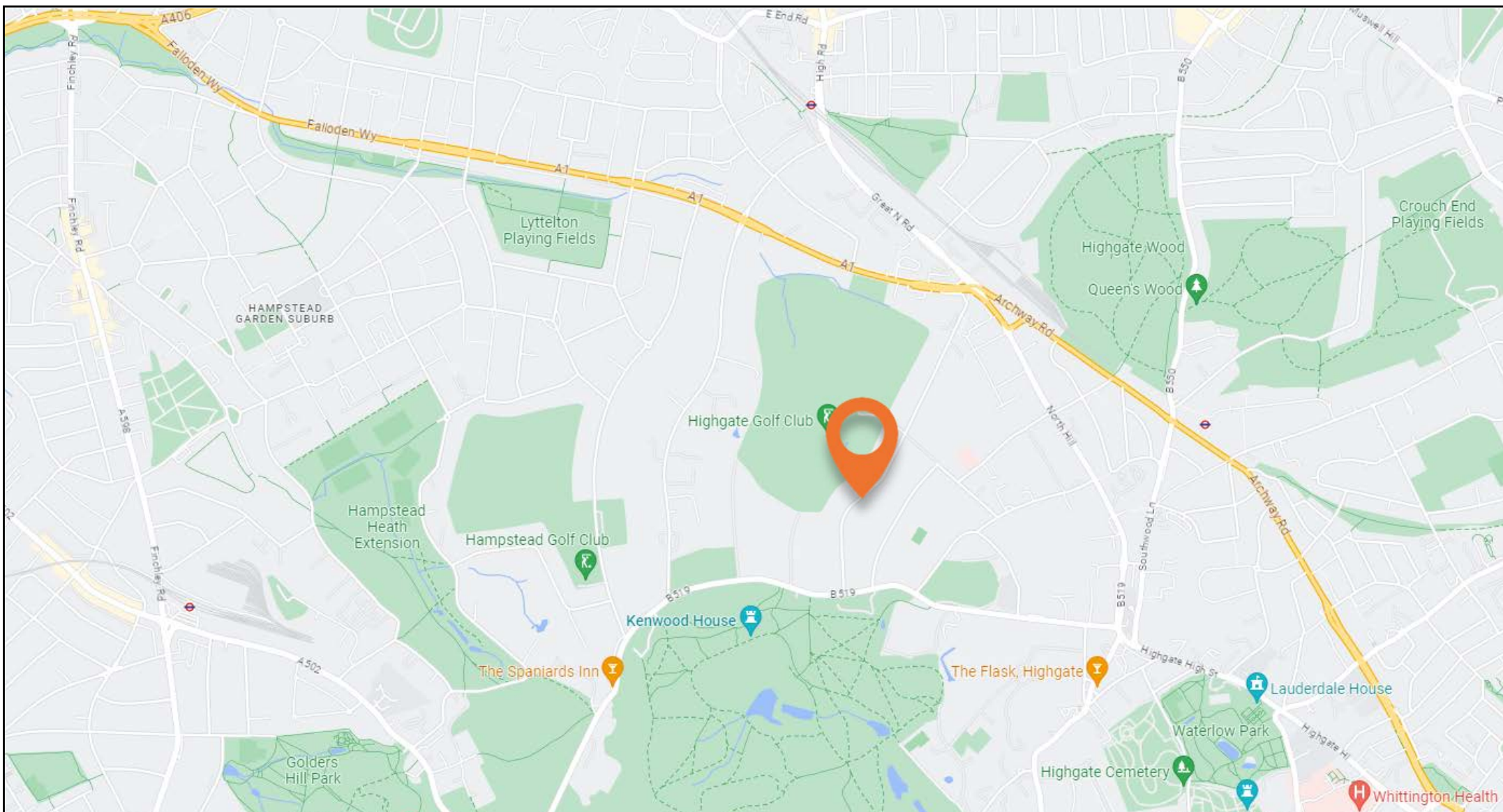


Location Plans

25 Sheldon Ave



25 Sheldon Ave
Location Plan – Wider Area



25 Sheldon Ave
Location Plan – Local Area



25 Sheldon Ave
Location Plan – Satellite



Existing

25 Sheldon Ave



Existing
Front Elevation



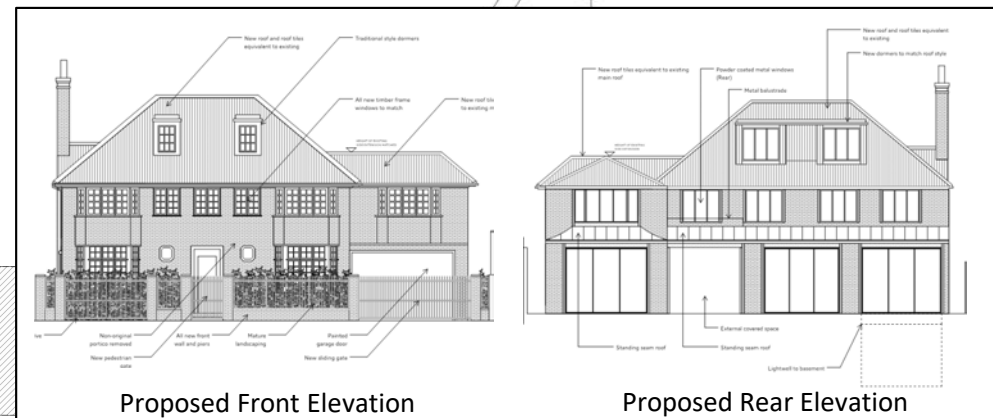
Existing
Rear Elevation

25 Sheldon Ave Existing

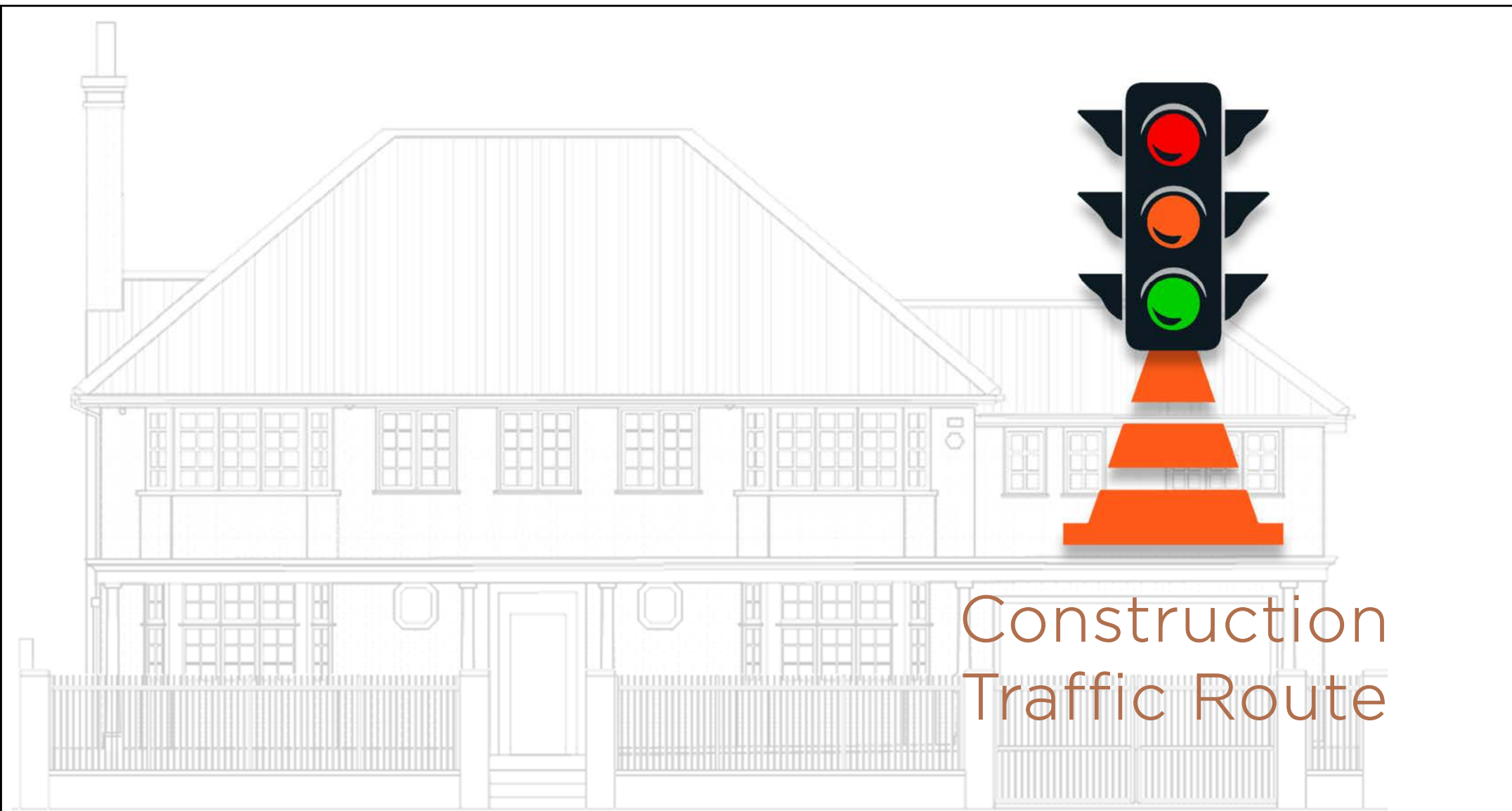


Proposed Plan

25 Sheldon Ave

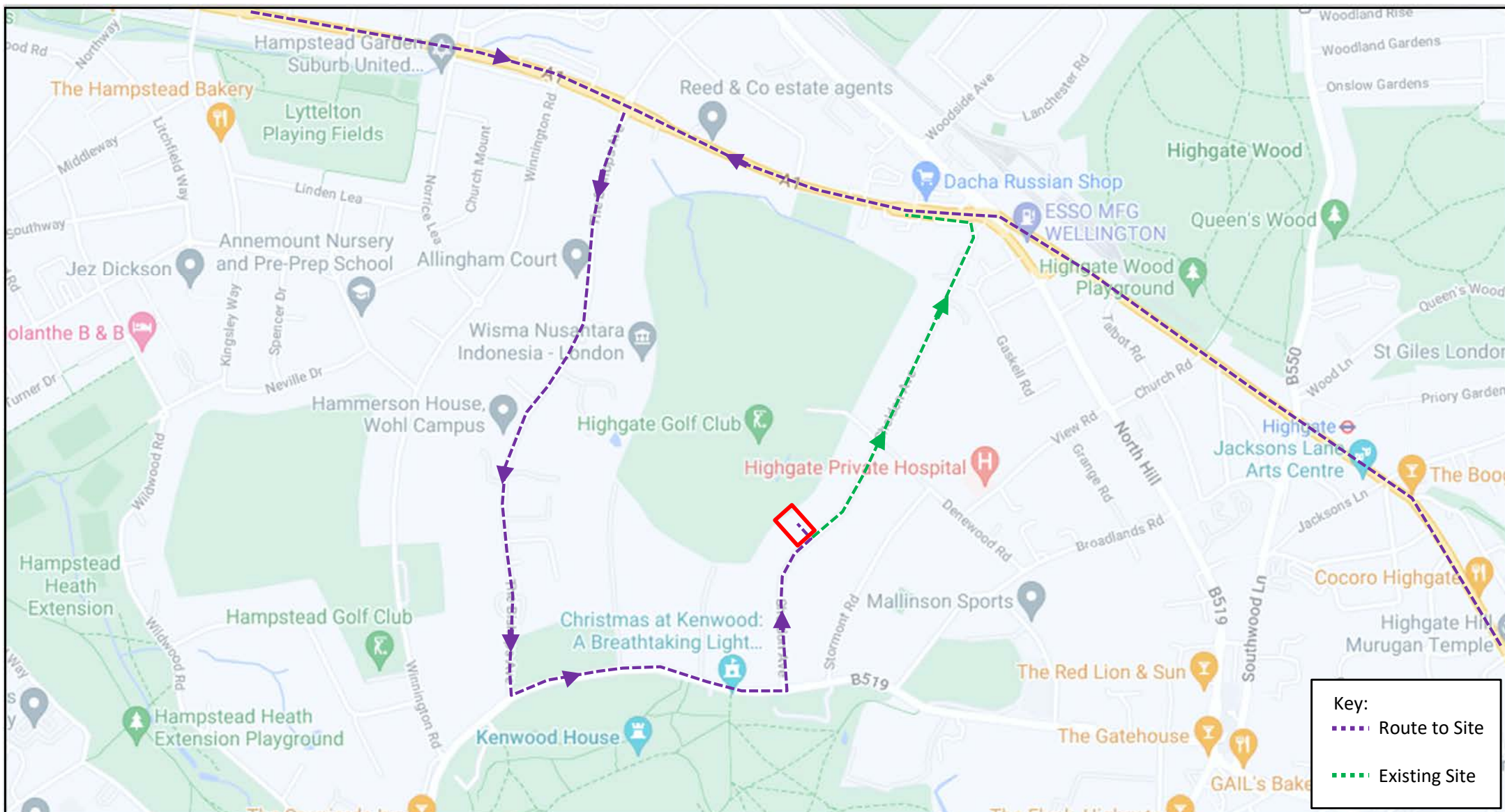


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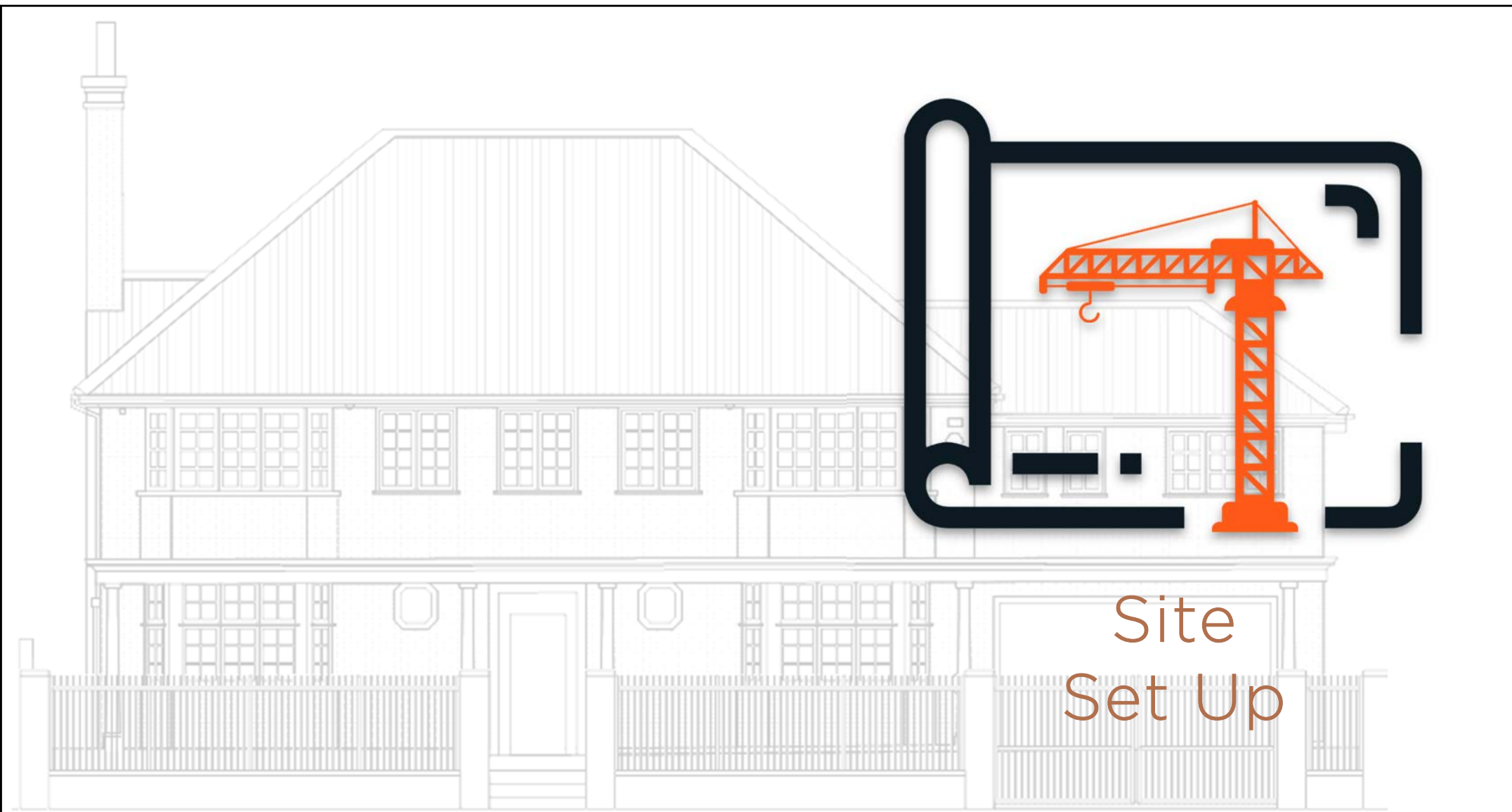


Construction
Traffic Route

25 Sheldon Ave

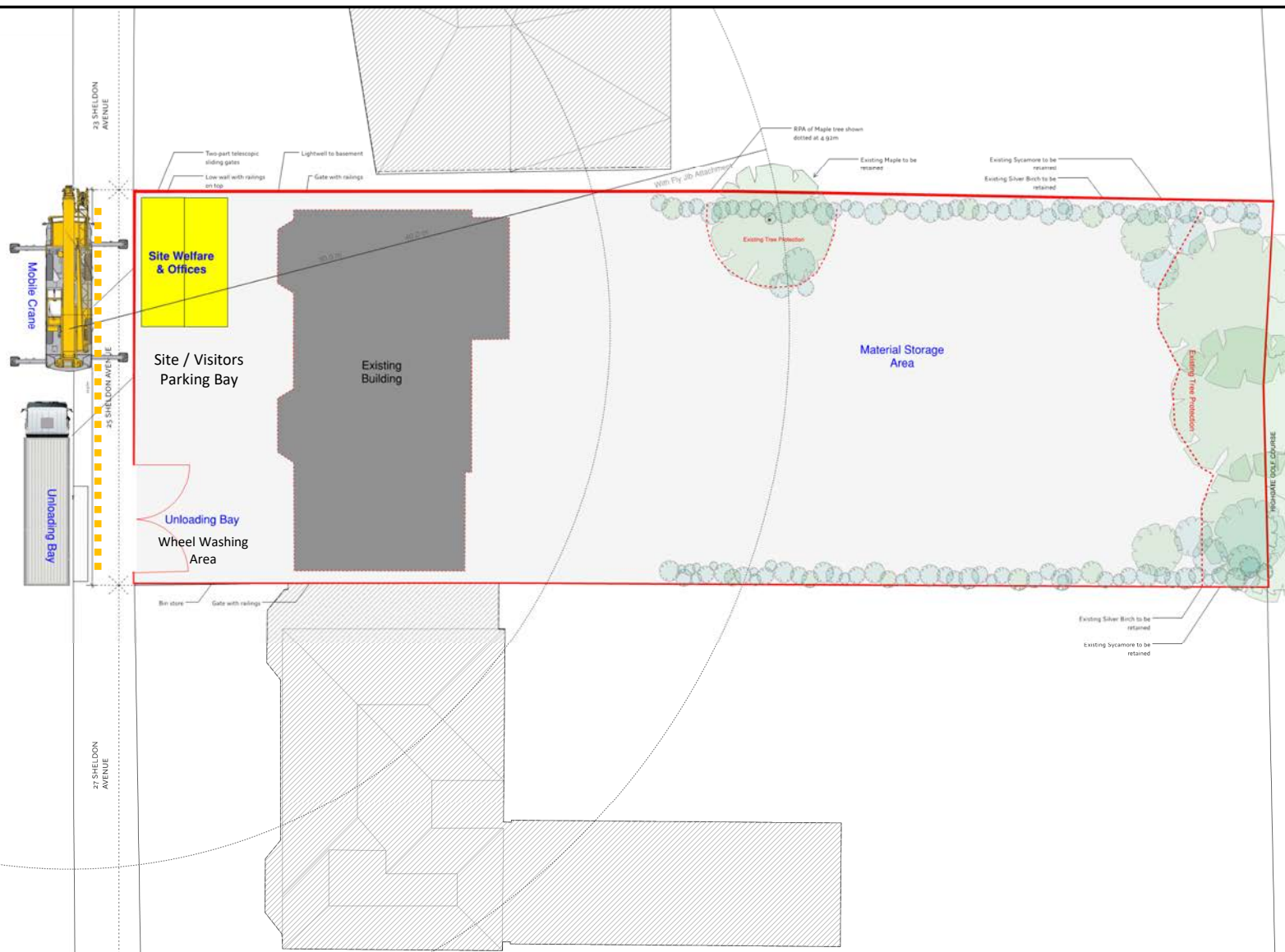


25 Sheldon Ave Construction Traffic Route



Site
Set Up

25 Sheldon Ave



Site Set Up

Access to site will be from Sheldon Ave.

Site boundary indicated by red line. Front of property will be timber hoarding fence with gated entrance to the east. Rear garden consists of high boundary fencing.

Tree protection required in garden area shown in dotted red lines.

Suspended parking required along Sheldon Ave in front of property shown in dotted orange line.

Site compound located west corner of driveway consisting of a 2 on 2 cabin containing, office, toilet, kitchen, storage.

A visiting 35T mobile crane will be required for larger material unloading. Consists of a 30-40m jib. This will be positioned west section of the pavement and parking bays.

2 x Unloading bays required. Across gated entrance for rigid lorry deliveries, also within gated area for smaller deliveries. Unloading aided by forklift or crane for both unloading areas.

Material storage in rear garden area outside of tree protection zones.

Operatives to have a travel strategy in place and encourage to use public transport.

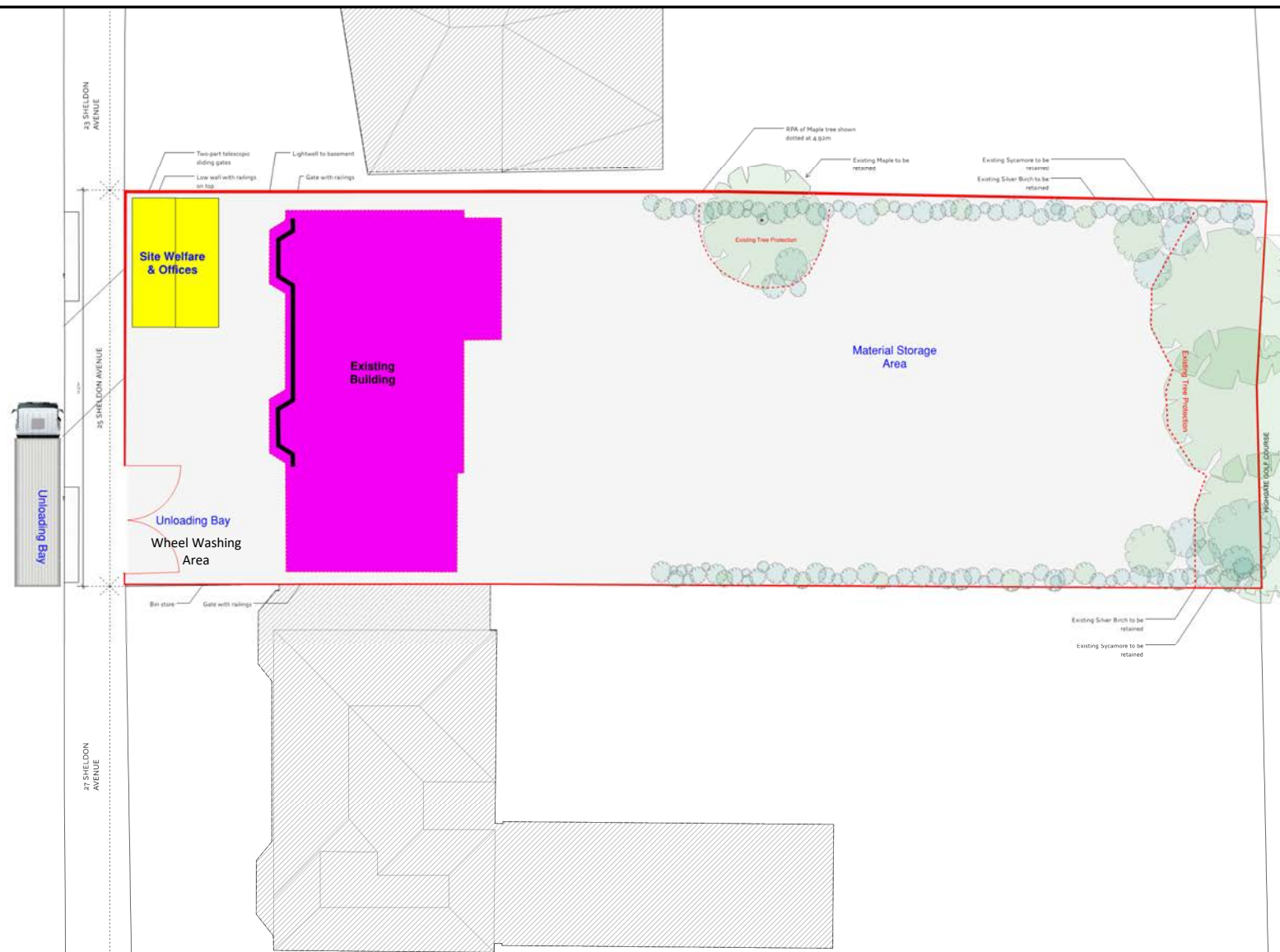
Scheduled Deliveries required.

25 Sheldon Ave
Site Set Up



Demolition
Stage

25 Sheldon Ave



Demolition – Soft Strip

Carry out demolition of house, retaining front façade only.

Removal of internal walls, and floors.

25 Sheldon Ave
Demolition Stage – Soft Strip



Demolition – Façade Support

Carry out demolition of house, retaining front façade only.

Ensure stability of front façade by installing temporary supports externally, to be kept in place throughout the full construction phase.

Main support structure located on outer wall with supports passing through window areas to support wall from both sides.



On left: Example of retaining façade supporting structure which was used on 21 Sheldon Ave.

25 Sheldon Ave Demolition Stage – Façade Support



Demolition

Carry out demolition of house, retaining front façade only.

Ensure stability of front façade by installing temporary supports externally, to be kept in place throughout the full construction phase.

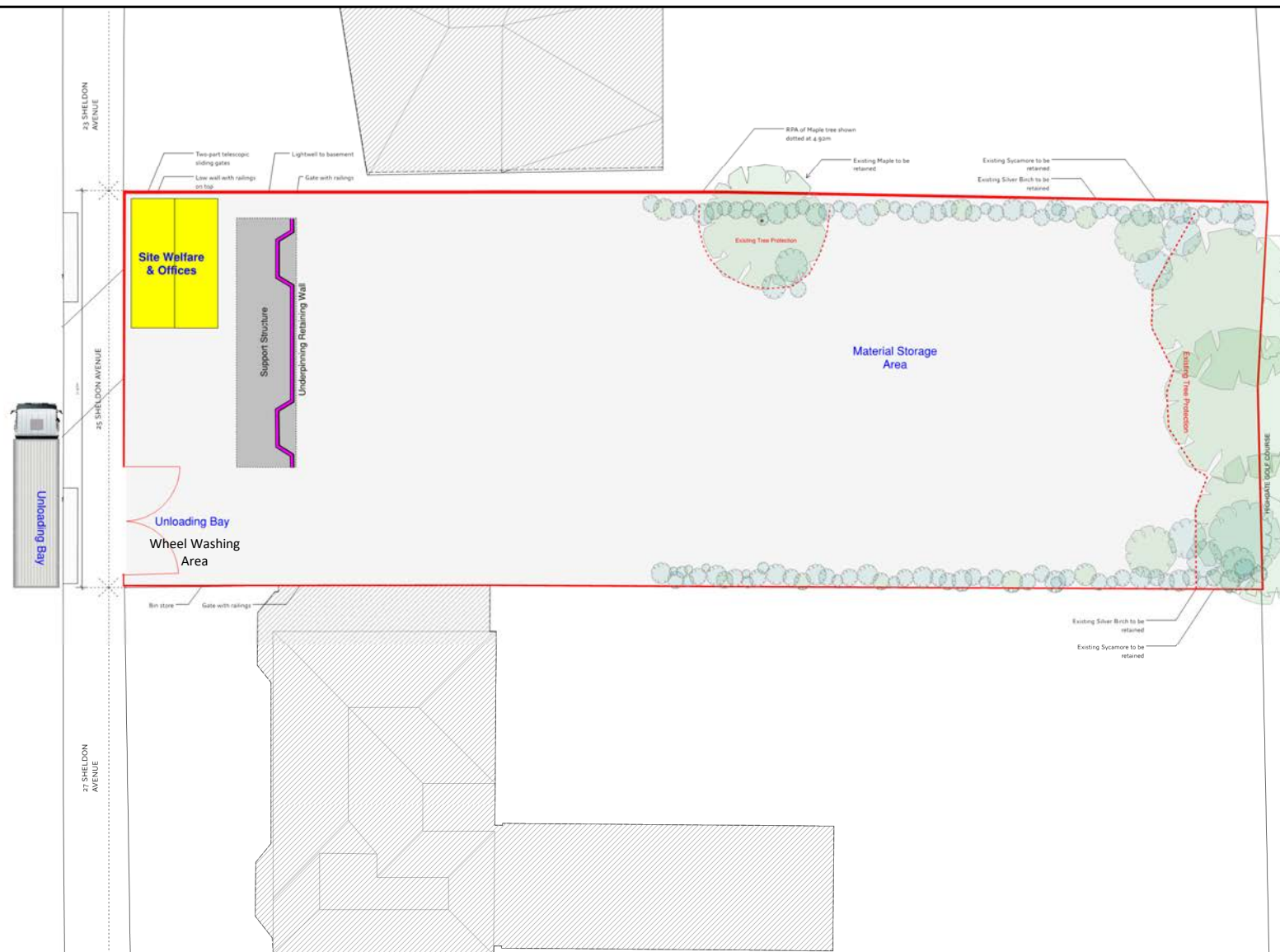
On left: Example of retaining façade supporting structure which was used on 21 Sheldon Ave.

25 Sheldon Ave Demolition Stage – Demolition



Construction
Stage

25 Sheldon Ave

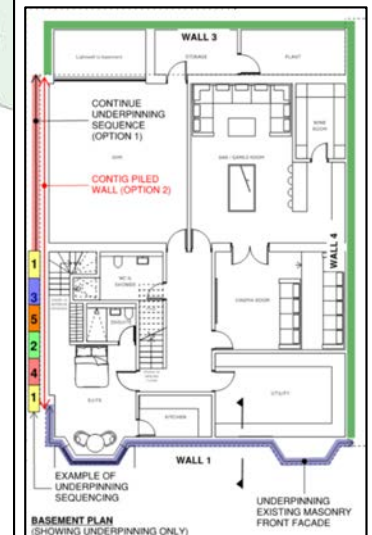


Construction Stage – Underpinning

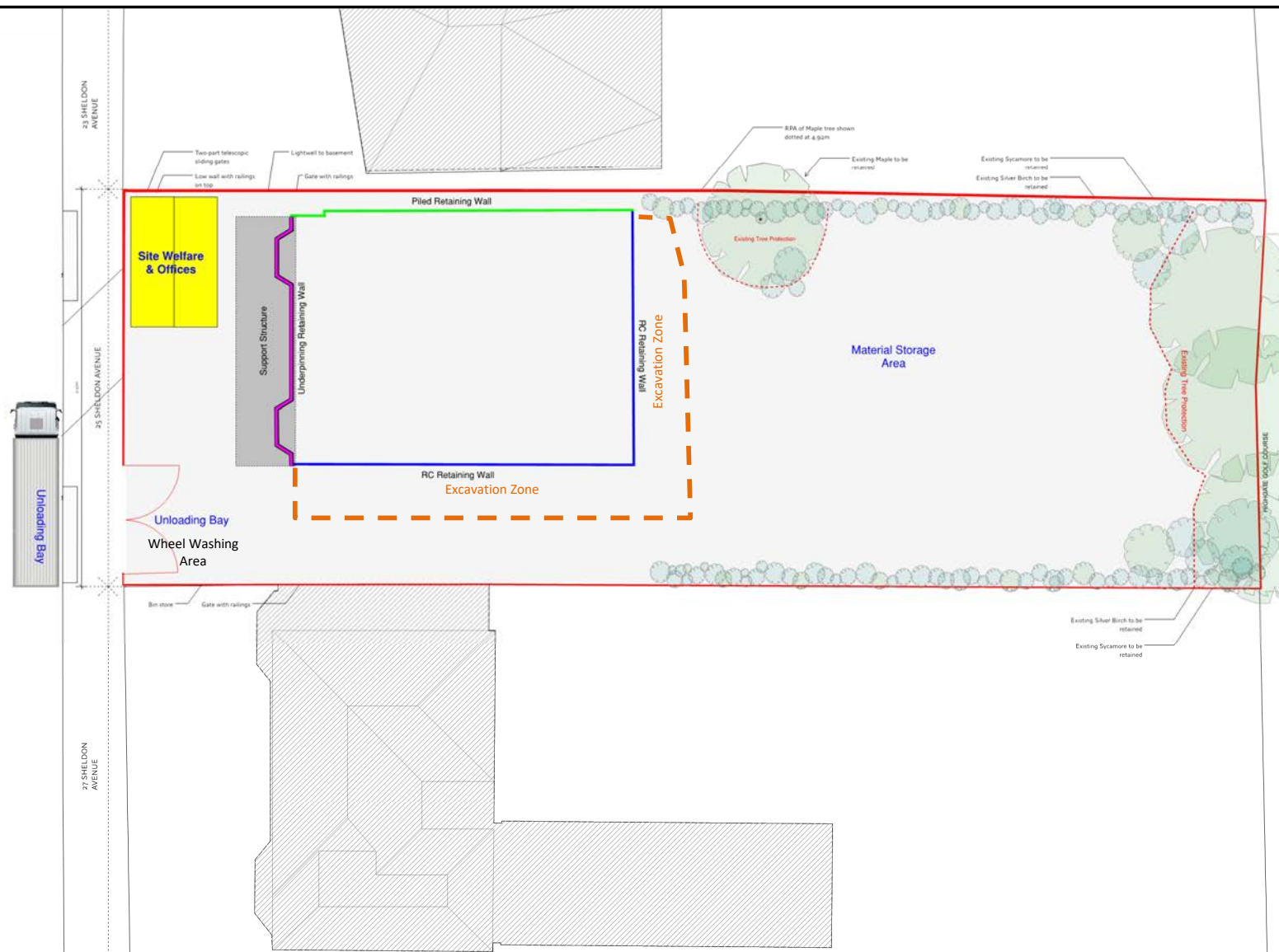
Carry out front facade underpinning highlighted by pink line and also blue line below.

Use concrete T-sections poured in bays, recommended excavating sequencing and installing trench props where required as shown below.

Below: recommended basement wall plan.



25 Sheldon Ave Construction Stage - Underpinning



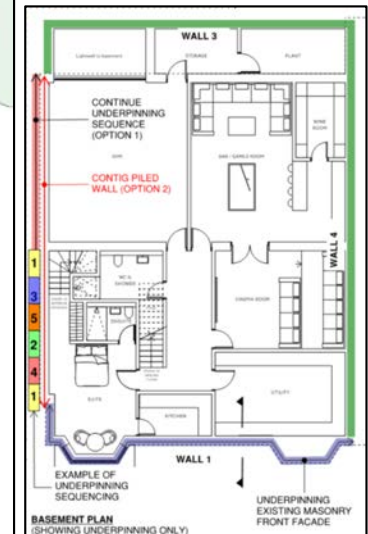
Construction Stage – Basement Walls

Piled retaining wall between 23-25 Sheldon Ave following underpinning stage.

RC Retaining wall between 25-27 Sheldon Ave also rear basement wall to be installed last sequence.

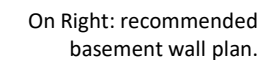
Open-cut excavations to construct foundations for new RC retaining walls, installing trench props where required.

Below: recommended basement wall plan.

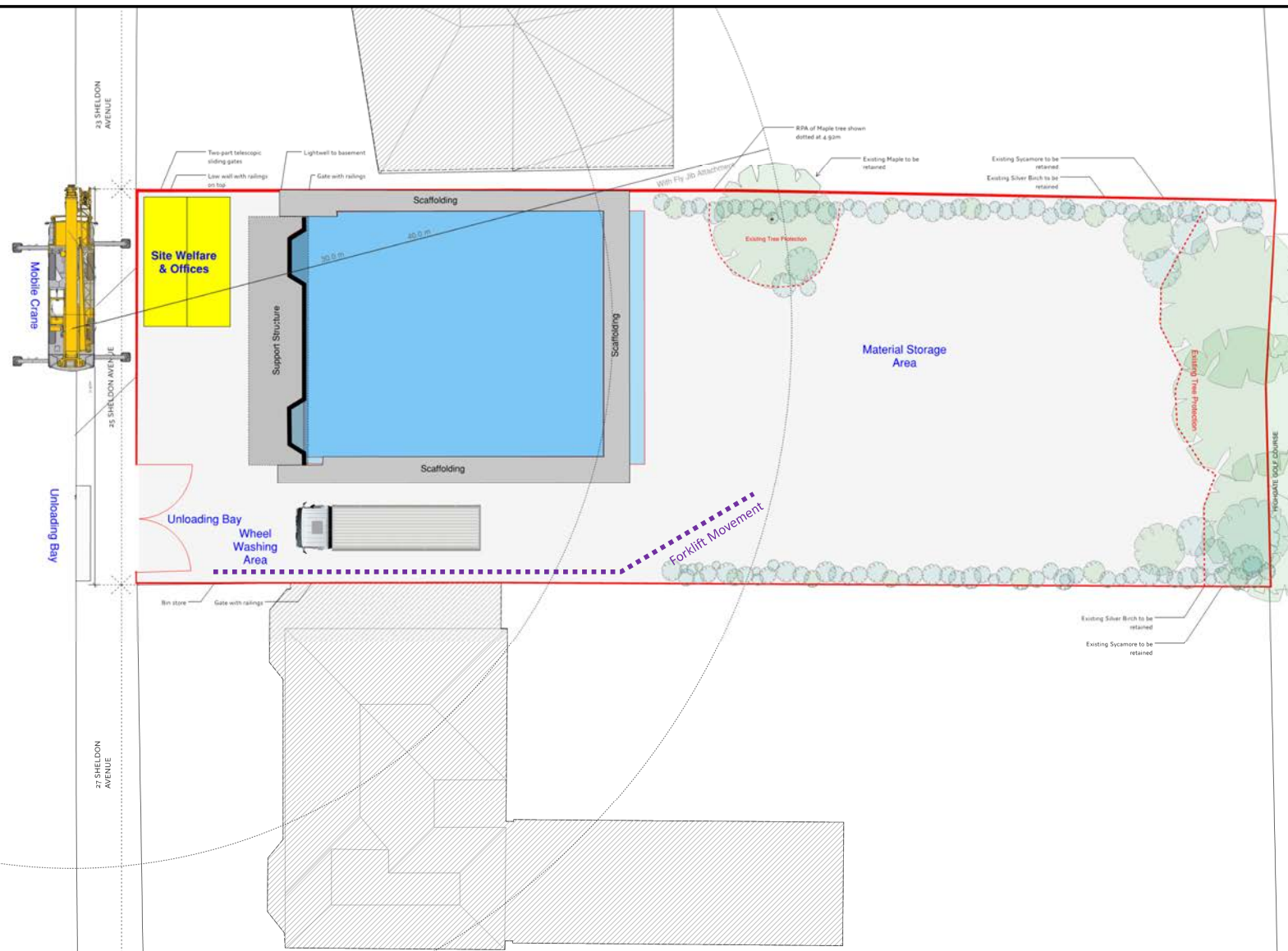


25 Sheldon Ave Construction Stage – Basement Walls

Deep strip foundations to ground floor level once ground filled from excavation. Covered for access route until Gnd floor part 2 section underway.



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Construction Stage – Ground Floor Part 1

Ground to 1st floor construction will be split into 2 sections.

Part 1 will construct area above basement allowing access to rear area with deliveries and forklift.

Ensure stability of front façade by installing temporary supports externally, to be kept in place throughout the full construction phase.

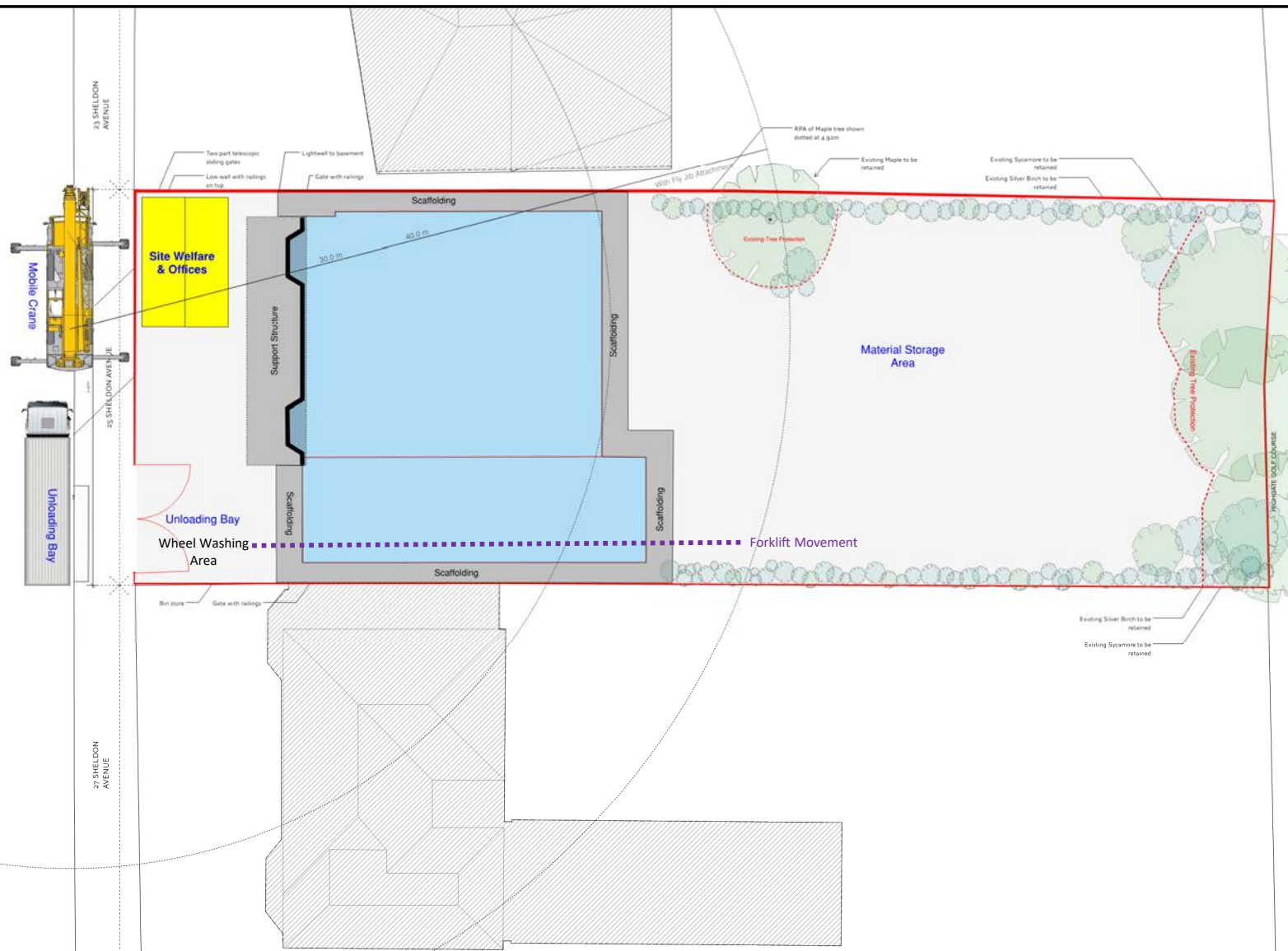
Mobile crane required floor upper floor planks.

1.5m wide Scaffolding erected around building progressing in brickwork lifts.

During this time, bulky deliveries will be scheduled for storage in garden area before part 2 section of ground to 1st floor is constructed.

A wheel washing area will be located by entrance gates for vehicles leaving site.

25 Sheldon Ave Construction Stage – Ground Floor Part 1



Construction Stage – Ground Floor Part 2

Ground to 1st floor construction will be split into 2 sections.

Part 2 will construct the east section of the ground floor.

An internal wall in Gnd part 2 area will be kept down for forklift movement from front to back of the site.

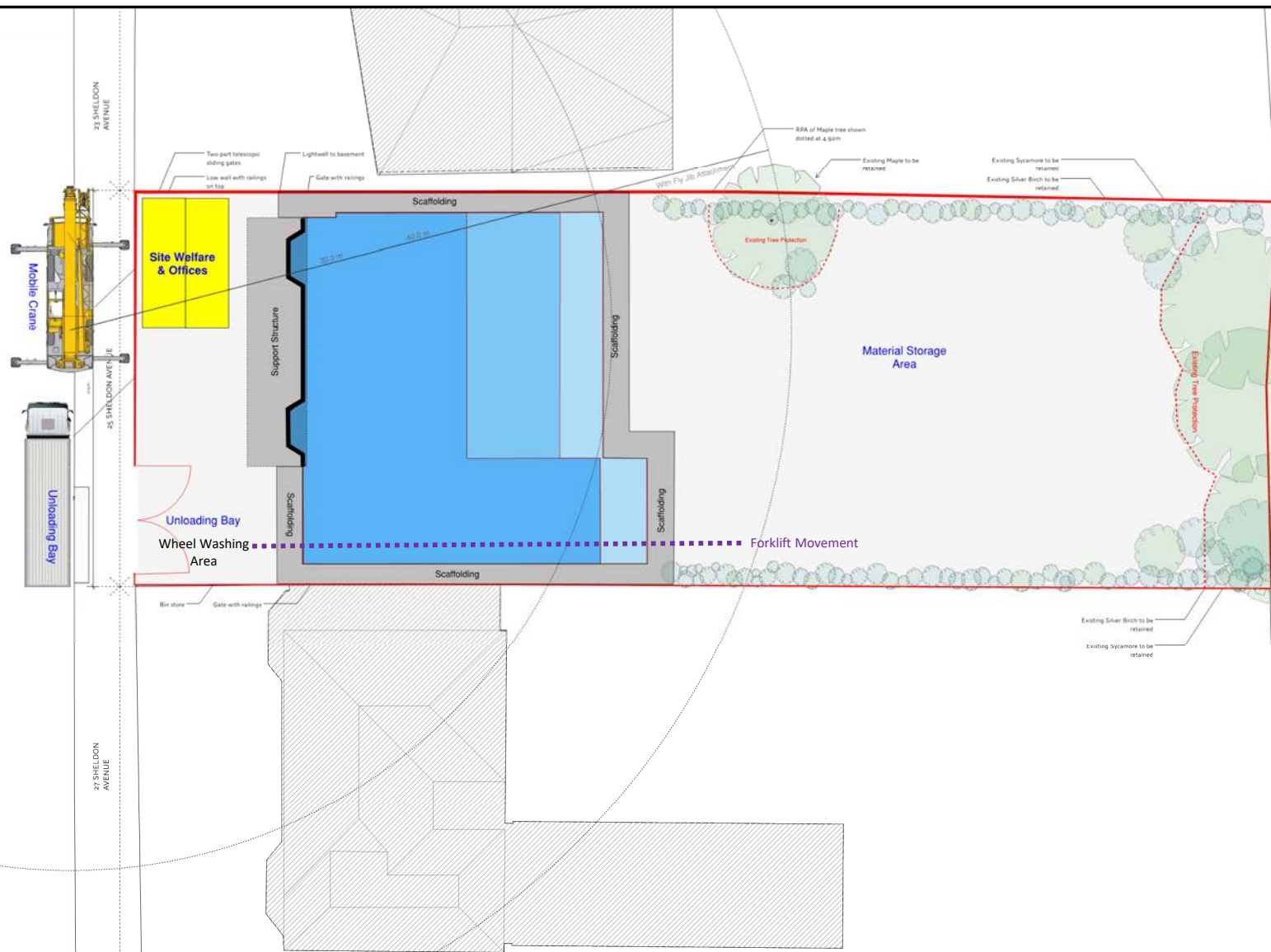
Deliveries will be from roadside and front gate only from this point onwards.

Ensure stability of front façade by installing temporary supports externally, to be kept in place throughout the full construction phase.

Mobile crane required for upper floor planks.

1.5m wide Scaffolding erected around building progressing in brickwork lifts.

25 Sheldon Ave Construction Stage – Ground Floor Part 2



Construction Stage – 1st Floor

An internal wall in Gnd part 2 area will be kept down for forklift movement from front to back of the site.

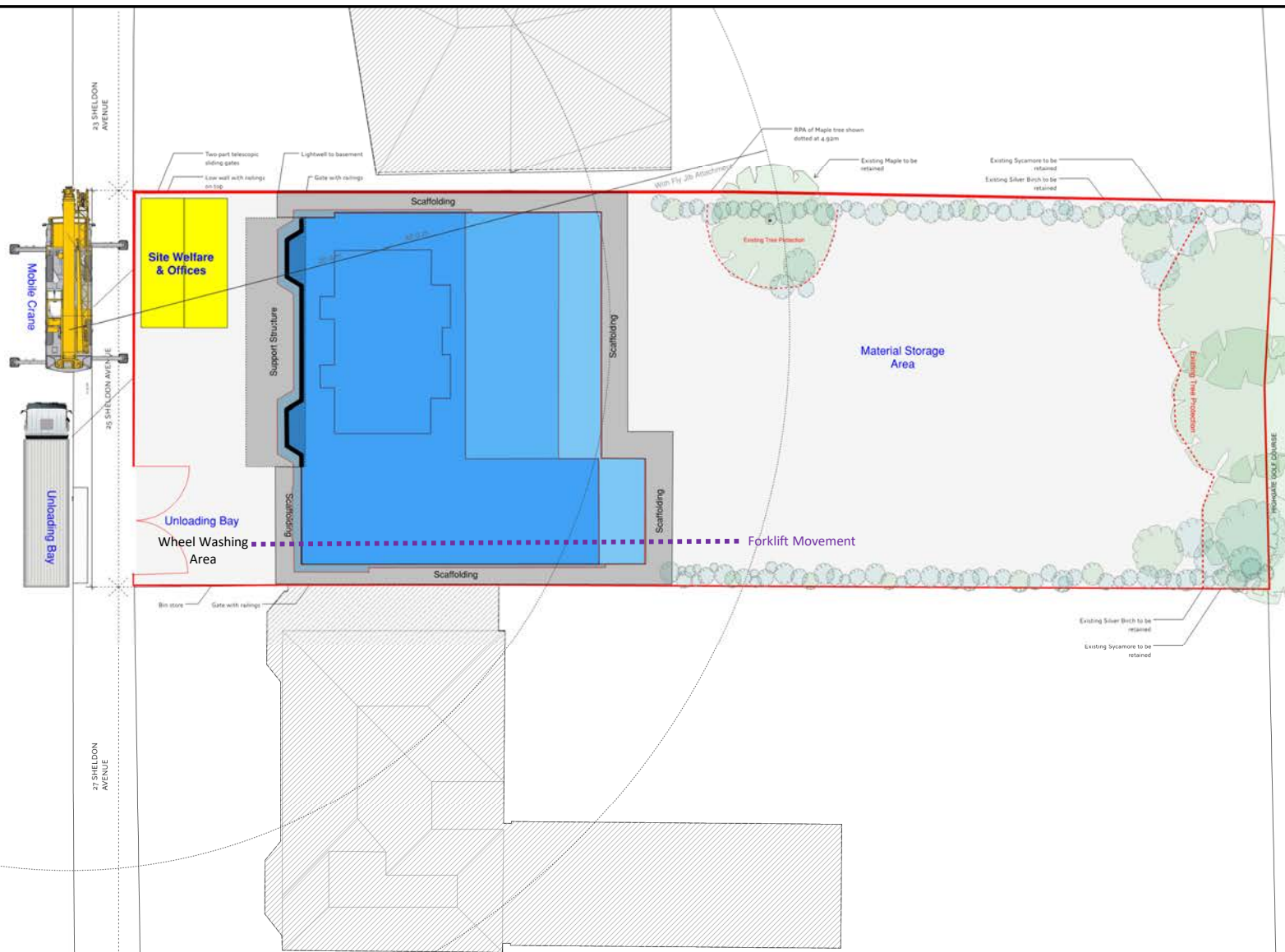
Deliveries will be from roadside and front gate only.

Ensure stability of front façade by installing temporary supports externally, to be kept in place throughout the full construction phase.

Mobile crane required roof struts and if required steel beams to upper floor level.

1.5m wide Scaffolding erected around building progressing in brickwork lifts.

25 Sheldon Ave
Construction Stage – 1st Floor



Construction Stage – 2nd Floor

An internal wall in Gnd part 2 area will be kept down for forklift movement from front to back of the site.

Deliveries will be from roadside and front gate only.

Ensure stability of front façade by installing temporary supports externally, to be kept in place throughout the full construction phase.

Mobile crane required roof struts and if required steel beams to upper floor level.

1.5m wide Scaffolding erected around building progressing in brickwork lifts.

25 Sheldon Ave Construction Stage – 2nd Floor



Completion

25 Sheldon Ave



25 Sheldon Ave Completion