

North Manchester General Hospital Proposed Generator

Design and Access Statement

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DAY

Studio 1
Lancaster Buildings
77 Deansgate
Manchester
M3 2BW
0161 8349703

www.day-architectural.com

info@day-architectural.com

Revisions

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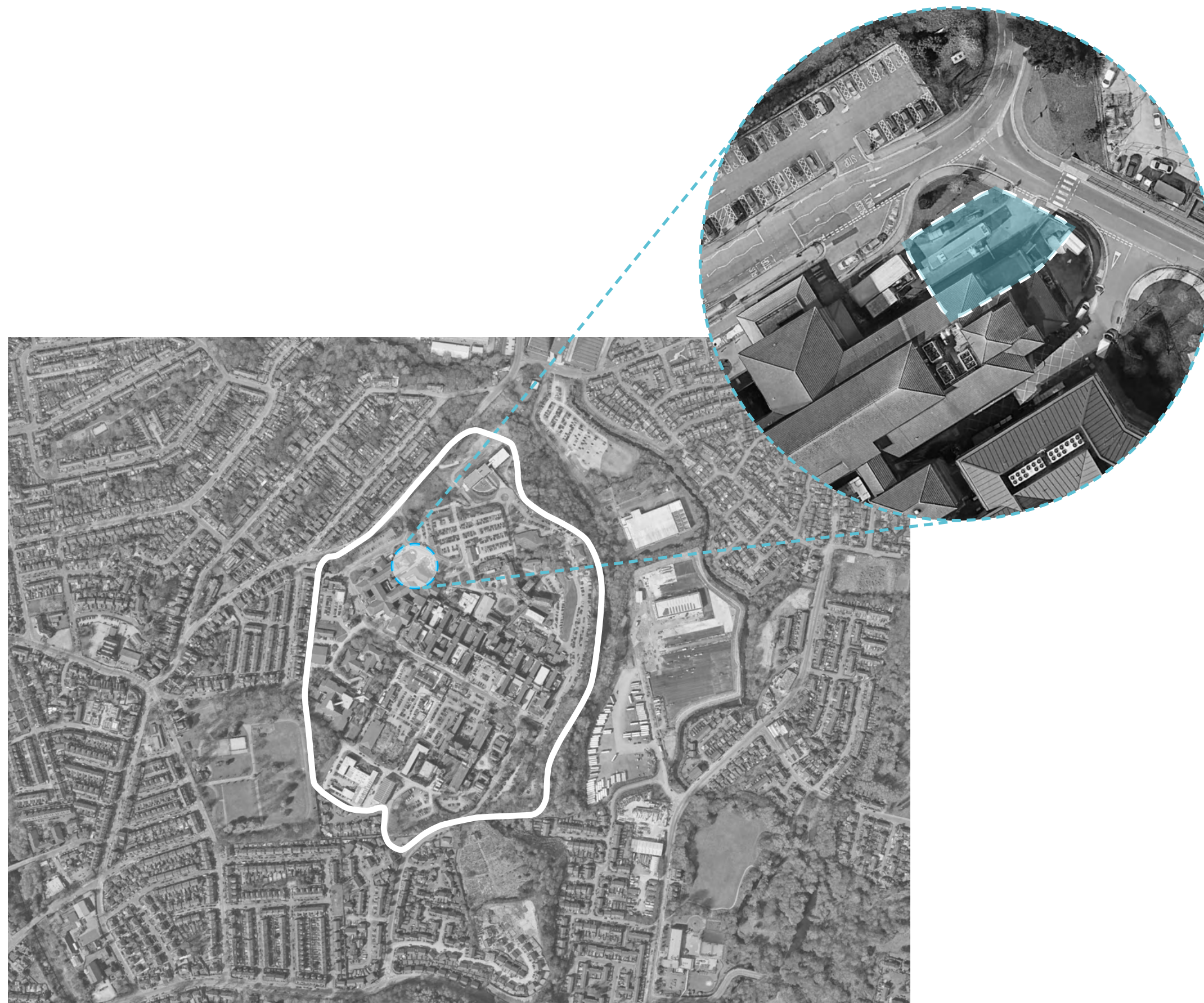
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00

Introduction



Introduction

The following proposal has been conceived to answer the current needs of North Manchester General Hospital, by increasing the energy capacity and preparing for future developments. This modest intervention falls into a wider and more ambitious plan of expansion and refurbishment of the Hospital.

Brief Overview

The proposal for North Manchester General Hospital is to provide new (back-up) generator building for Phase 1 Building which ties in with the wider Master Planning Works. The new generator extension is to act as the main essential backup source for Phase 1 with the existing generator as secondary essential source. The new generator will be in a purpose built architectural extension adjacent to the current generator location for easier connections and distribution.

Key Design Principles

While fulfilling the client brief, summarized above, the proposed design has been carefully tailored to keep the disruption both to the internal functionality and external flow to a minimum so the normal activity of the hospital will carry on alongside the site work. Likewise, the materiality of the new volume recognise and adopt the main design principles of North Manchester General Hospital, not mimicking but blending into it, so the proposed will provide a coherent entry into the hospital estate.

01

Site Context and Analysis



1.1 Macro Context



North Manchester General Hospital is based in outer Manchester. The hospital has a full accident and emergency department, which includes a separate paediatric A&E unit.

The hospital site was originally three separate hospitals, namely Crumpsall Hospital, Springfield Hospital and Delaunays Hospital and now is the only hospital in North Manchester.



1.2 Meso Context



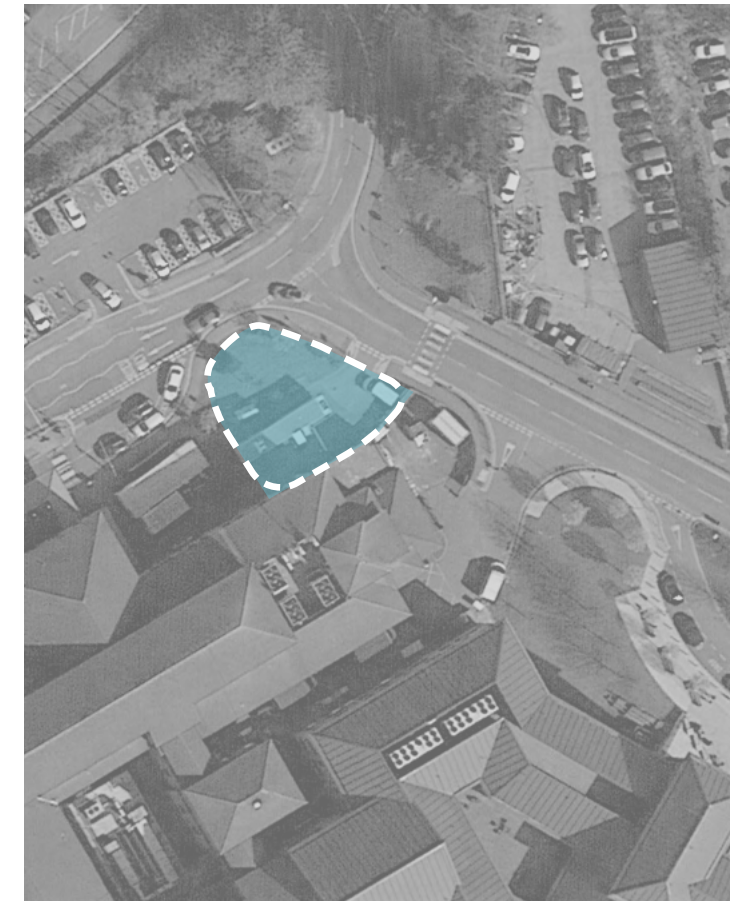
The hospital site sits in the suburb of Crumpsall, 3 miles north of Manchester city centre. Straddled by two A-roads and lies just south of the M60.



1.3 Micro Context



The hospital is bounded predominantly by residential properties to the West, with a cemetery to the South. The site features green areas in the form of the neighbouring Crumpsall Park and an established tree boundary to the East. To the north there is a commercial sector with increased parking.

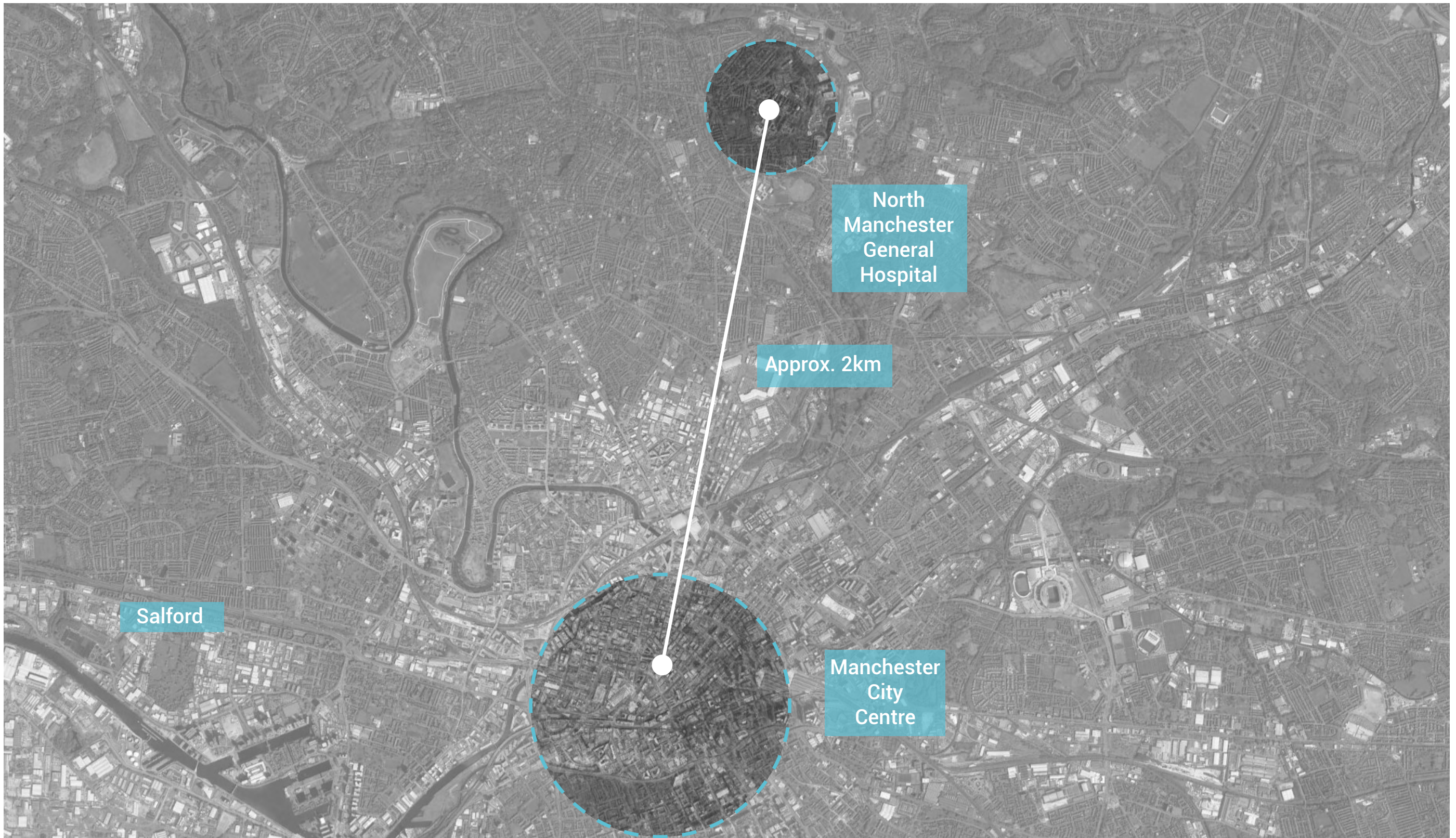


1.4 Proposed Site



The proposed site lies on the North side of the existing Hospital, one of the busiest areas due to the near access from Delaunays Road, and lies on its junction with Crumpsall Way - the primary route to any parking at the north of the site and main ambulance route.

The footprint of the site measures approximately 450m².



Public Transport

The proposed site is extensively accessed via numerous bus routes with some routes specifically going to the hospital site. There are numerous stops around the site all within a 1-5 minute walking distance of the main entrance of the existing hospital.



Bus Routes

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--- Ownership boundary

Bus Route / Stop

Main Roads

Vehicular access towards Oldham is via Chadderton Road or Rochdale Road.

Arrival within The Royal Oldham Hospital's proposed site is via these two main roads.



Vehicular Routes

The site will be primarily accessed by vehicle via Crumpsall Way via Delaunays Road. These key roads connect the site with Oldham to the south and Rochdale to the north.

Due to the nature of the site there are numerous minor roads which connect the different hospital buildings. The proposed site is next to the existing ambulance route and main entrance.

The servicing route along Crumpsall Way currently runs adjacent to the proposed generator site. Servicing the existing hospital and the proposed development has been considered in the proposal.

- ←---→ Main Road
- ←...→ Minor Road
- Ambulance route
- ←...→ Servicing Route
- ▼ Main Entrance
- ▼ A&E Entrance
- ▼ Entrance



01 Site Context and Analysis

Car Parking Plan

Existing Car Parking

- Public Car Park
- Staff Car Park
- Drop off Zone
- Ambulance Drop Off Zone
- Trust Vehicles/ Contractors
- Entrances to hospital Site
- Ownership boundary



01 Site Context and Analysis

Hospital Site

Proposed Site

The proposed area of works sits at the top of the overall hospital site. Near to the main entrance of the hospital, between the accessible and standard parking.



-  Ownership Boundary
-  Proposed Site

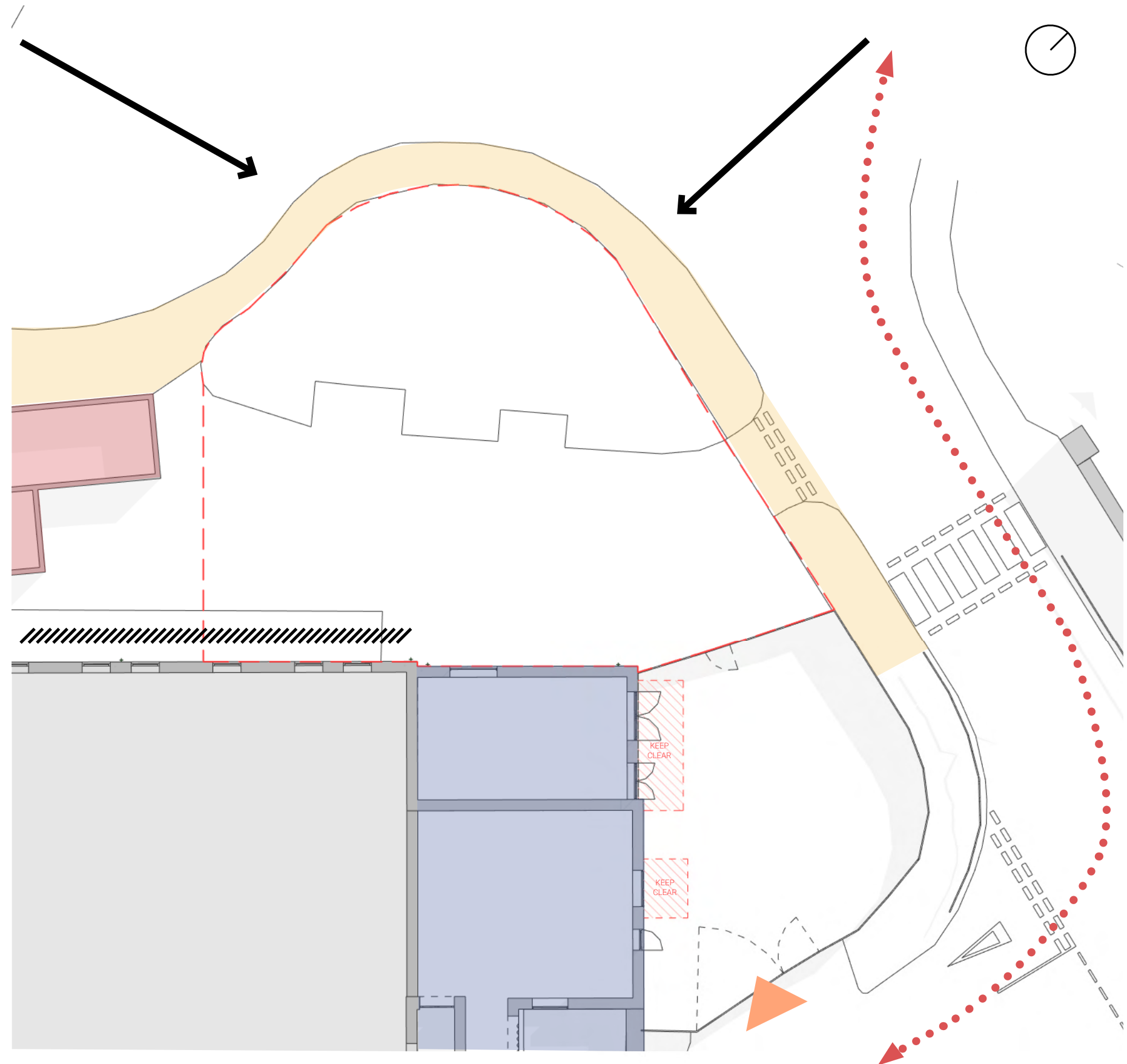
Proposed Site

-  Prime Location
-  Prime Views on Hospital Entry
-  Hospital Front
-  Service Route
-  Entrances to hospital Site
-  Ownership boundary



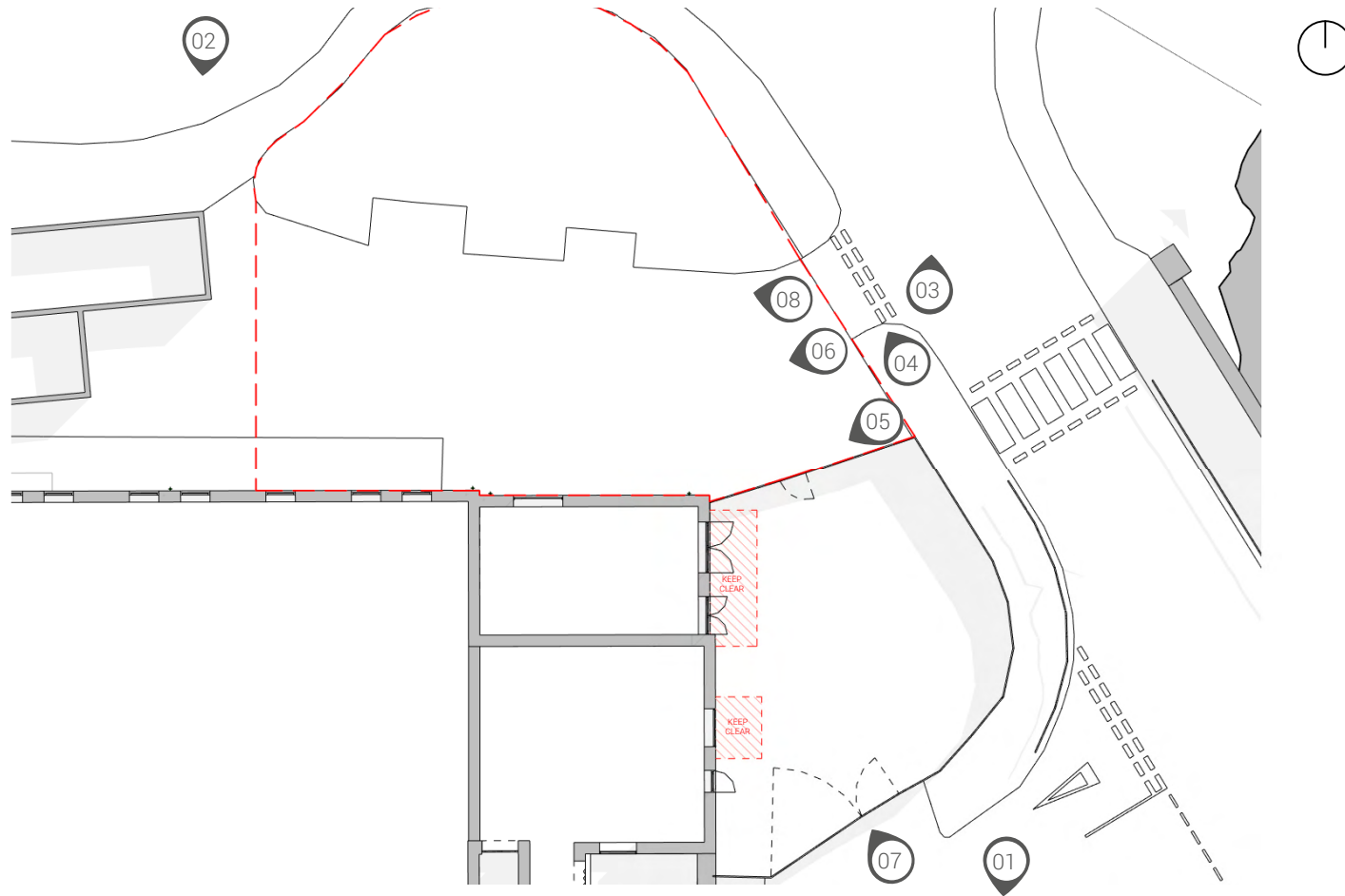
Proposed Site

- Public Footpath
- Prime Views on Hospital Entry
- Existing Facade with windows
- Service Route
- Entrances to service yard
- Site boundary
- Existing Generator & Switchroom
- Occupied Building
- Pharmacy Building - Potential to relocate



01 Site Context and Analysis

Site Views



Reference Plan



01. VIEW OF THE K BLOCK



02. FRONT FACADE FROM CRUMPSALL WAY



03. VIEW TOWARDS CRUMPSALL WAY ENTRANCE



04. VIEW OF CRUMPSALL WAY



05. VIEW OF EXISTING SUB STATION



06. VIEW OF THE PROPOSED SITE



07. VIEW OF ENTRANCE TO EXISTING YARD

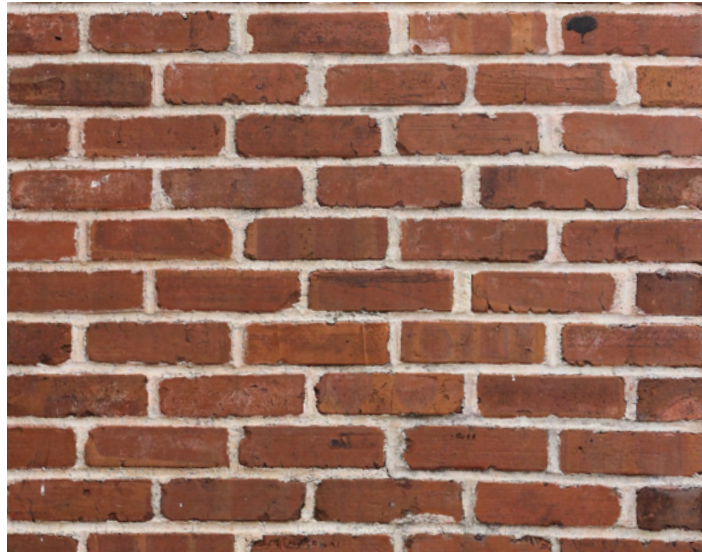


08. VIEW OF SITE BOUNDARY

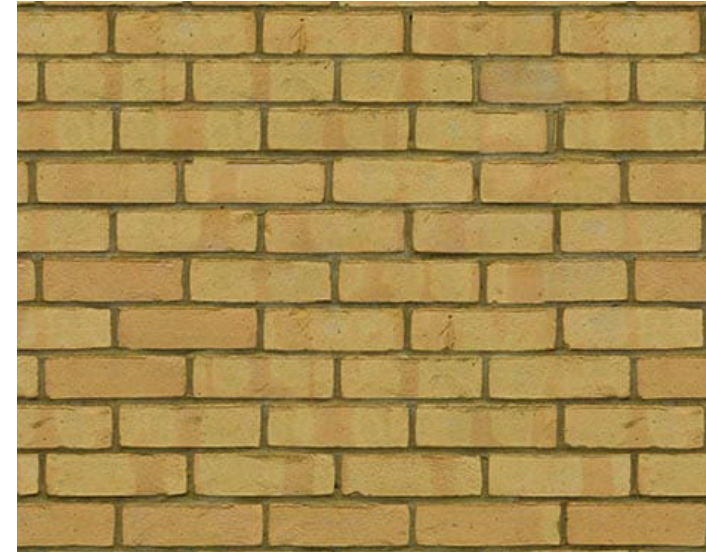
Materiality

Due to continual development around the proposed site and hospital, there is a wide range of building materiality to draw on. Historic buildings, those from the early period of the hospital as Crumpsall Hospital, use traditional materials of that era, namely red brick and sandstone.

Recent developments neighbouring the proposed site have used a varied material palette ranging from red, yellow and concrete brick for the facades. Roofing consists of single ply membrane or concrete roof tiles - depending on the age of the build. Off - show exterior maintenance areas are concealed with wooden fences.



Red Brick



Yellow Brick



Single Ply Membrane Roof



Concrete Bricks



Wooden Fencing



Concrete Roof Tiles

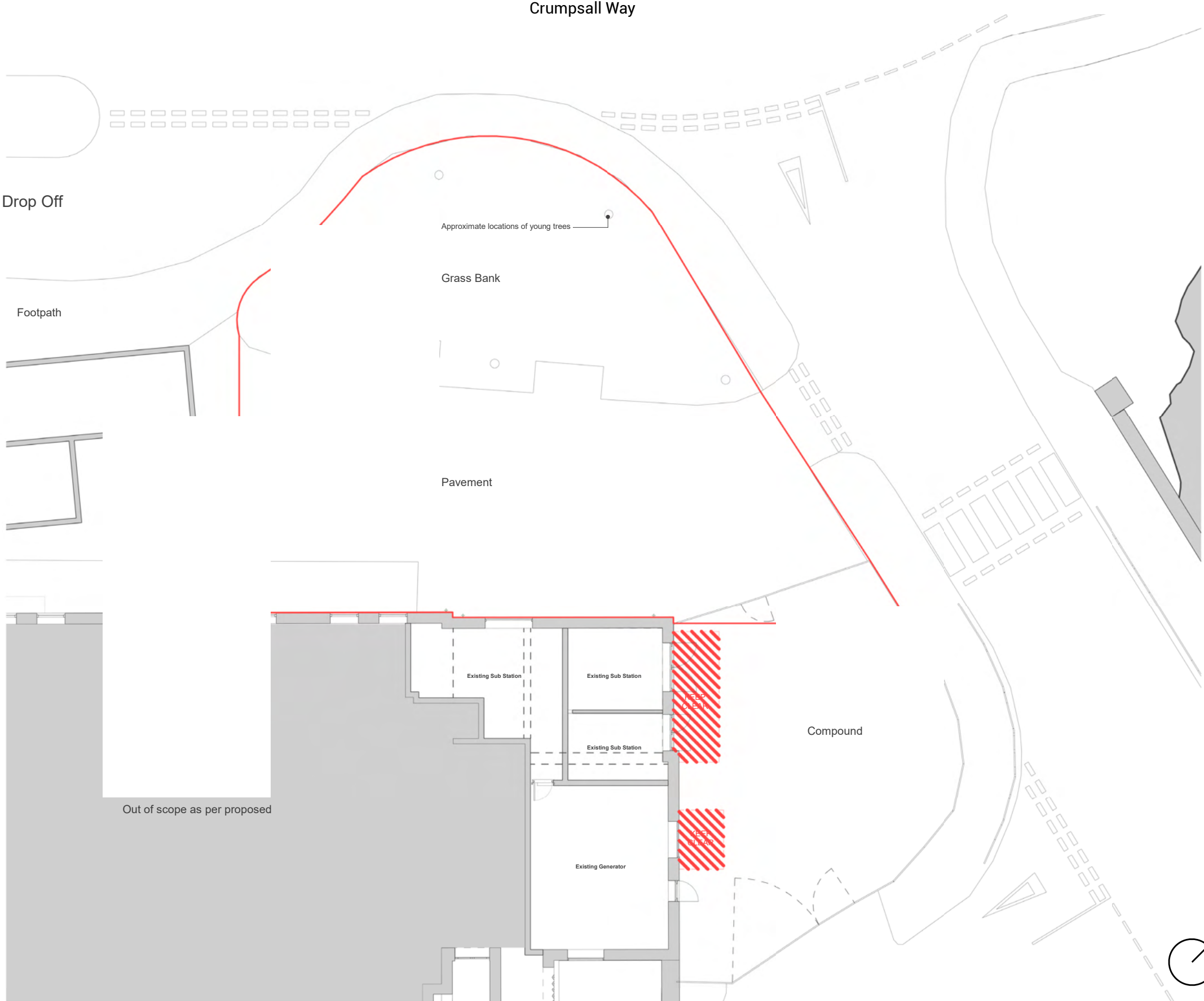
02

Existing Layout

02

Existing Layout

Exisiting GA Plan

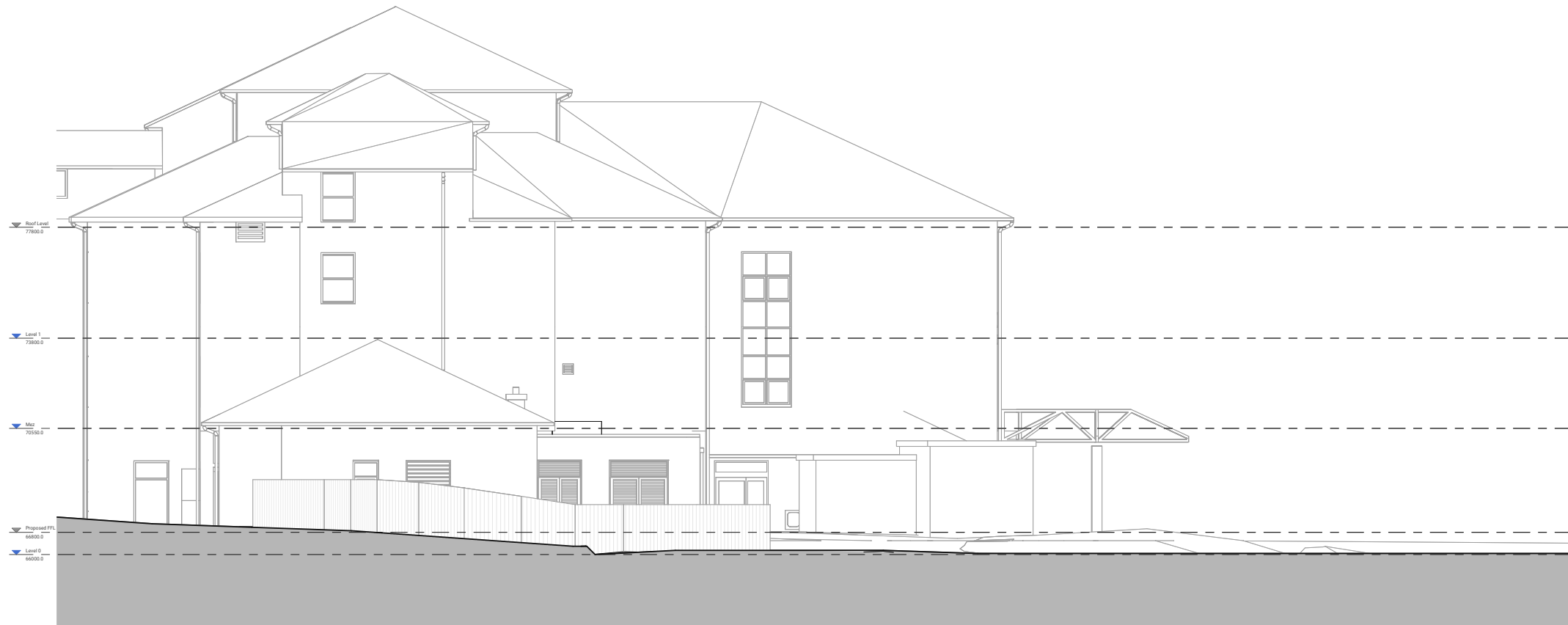


Planning Key:

Site Boundary: 450.7m²

02 Existing Layout

Existing Elevations



Existing Elevation - East



Existing Elevation - North



03

Design Development

03 Design Development

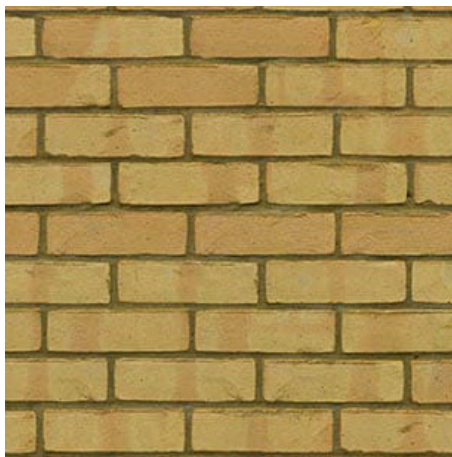
Facade Analysis



Existing Material Palette



Red Brick



Yellow Brick



Wooden Fence



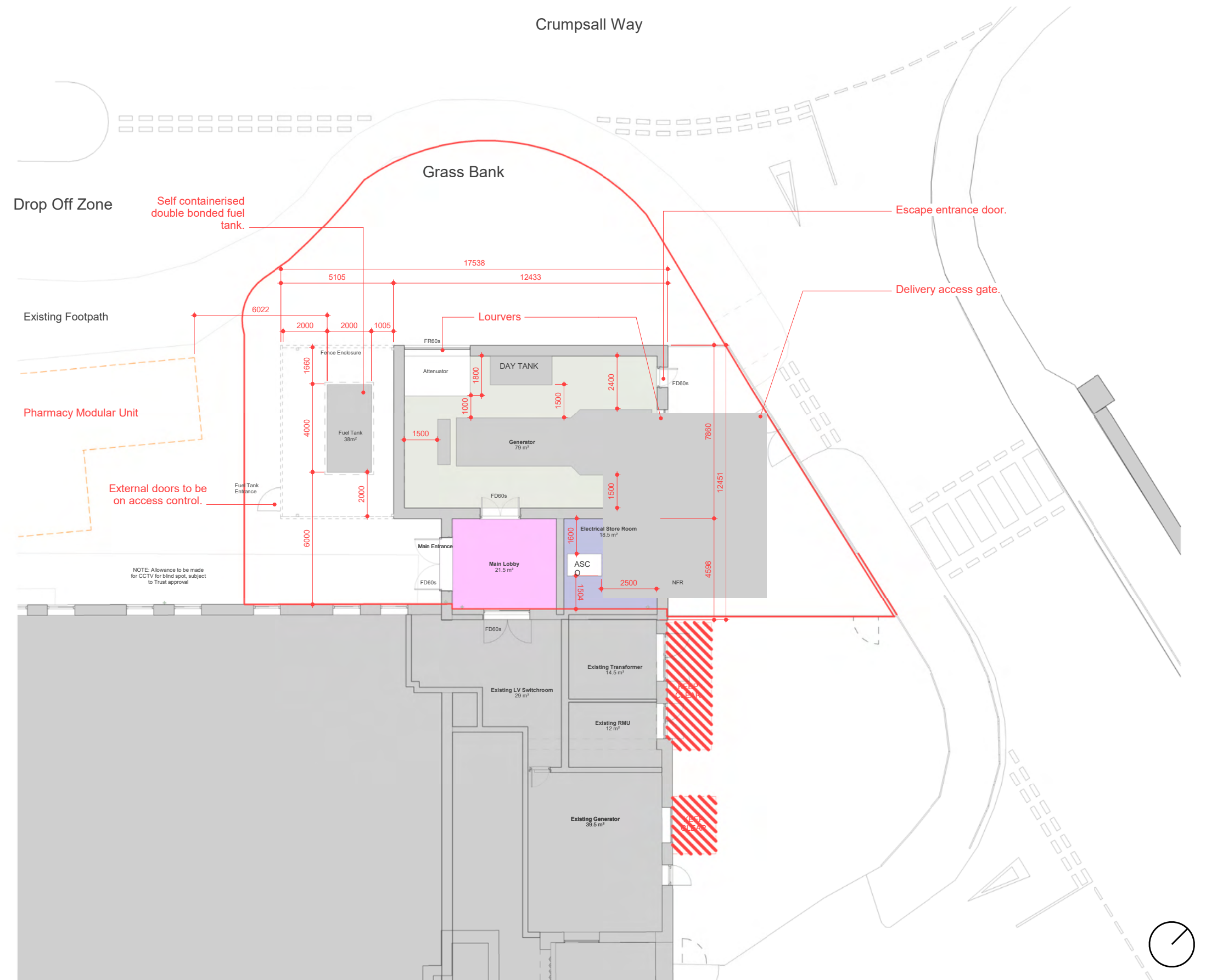
Concrete Roof Tiles



Louvre Panels

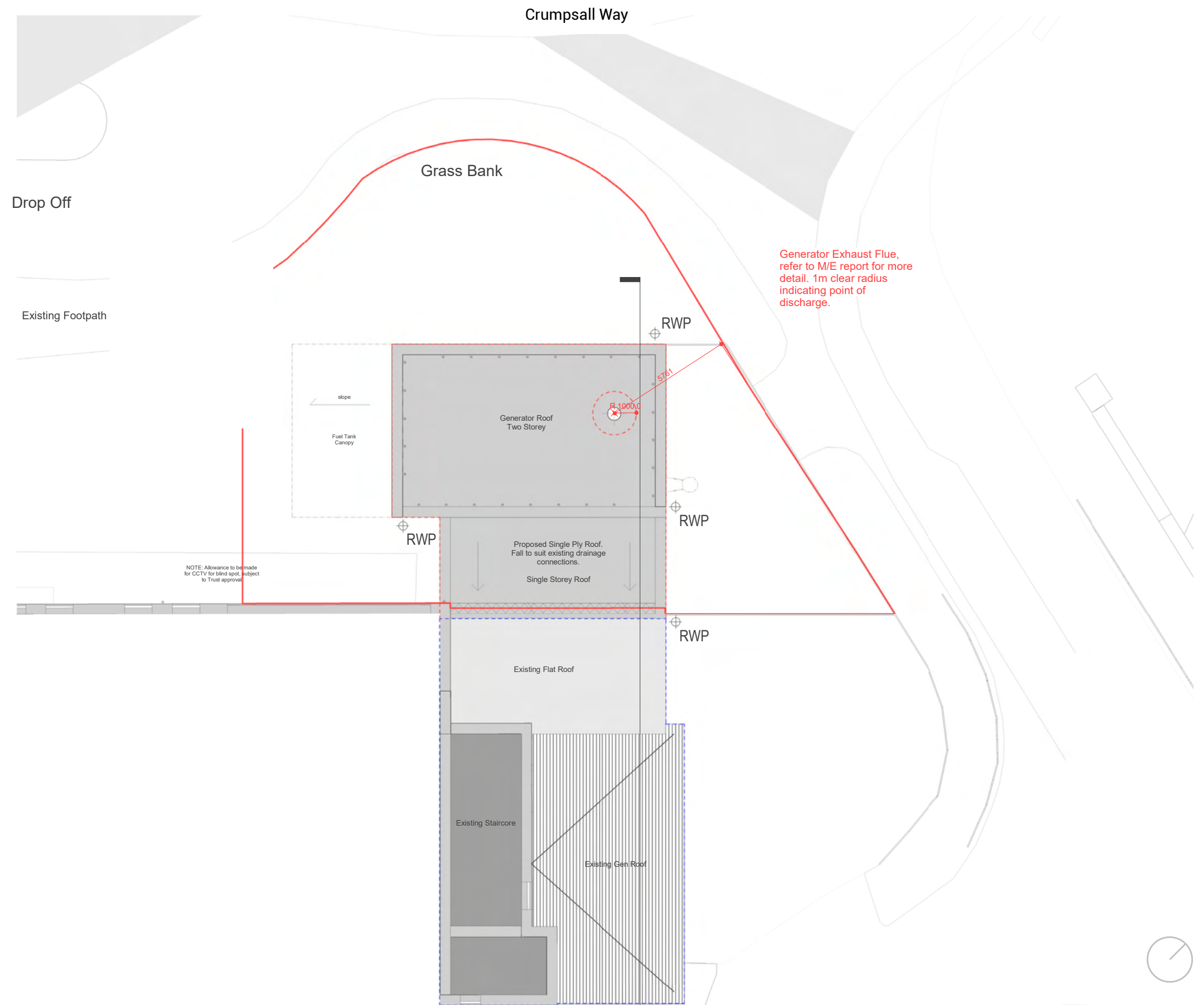
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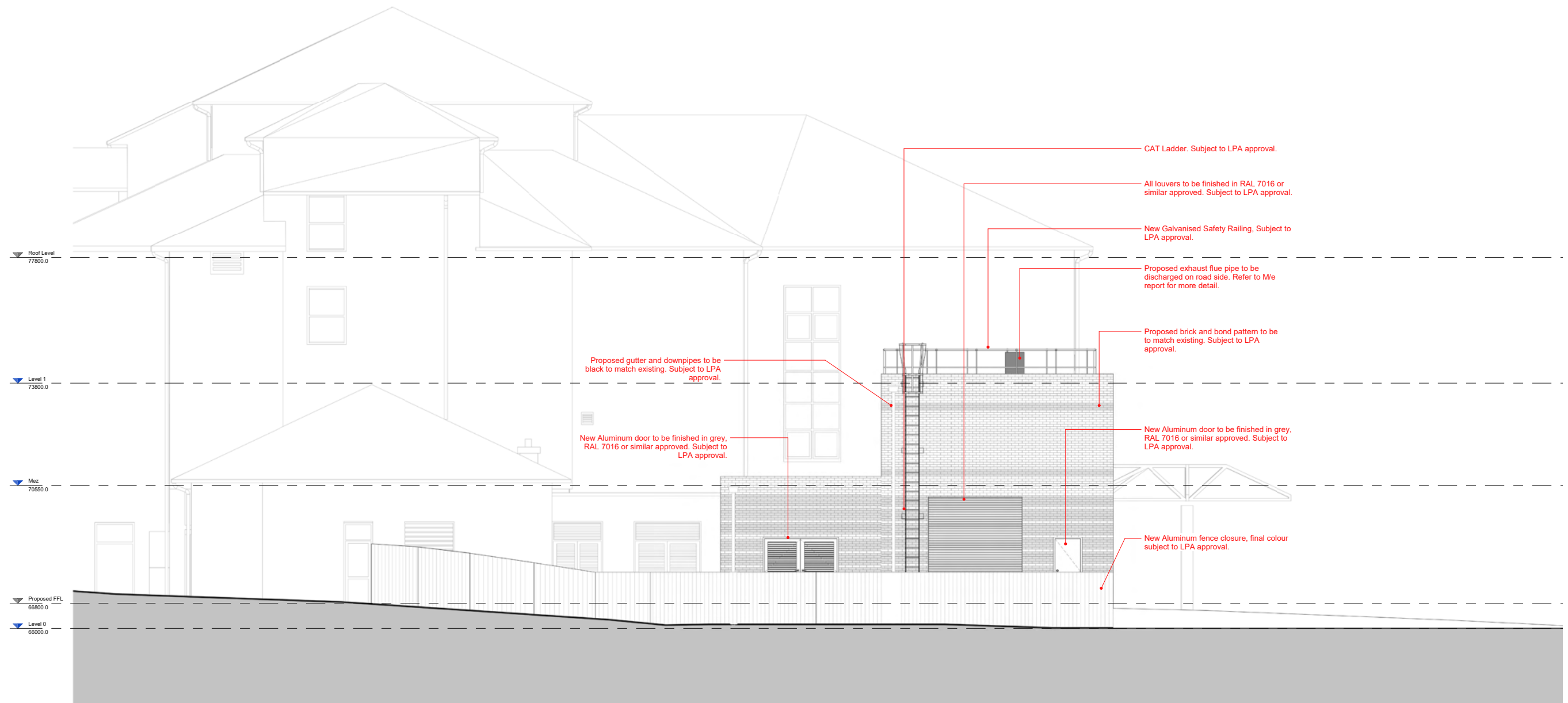
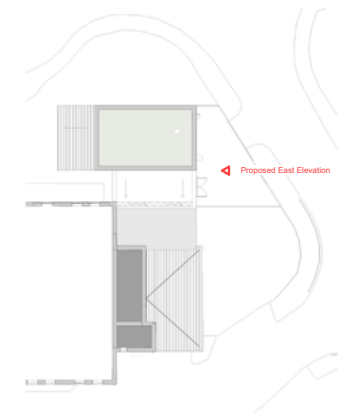
Proposed Design

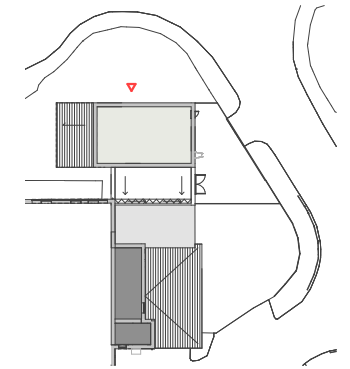


By Department Legend

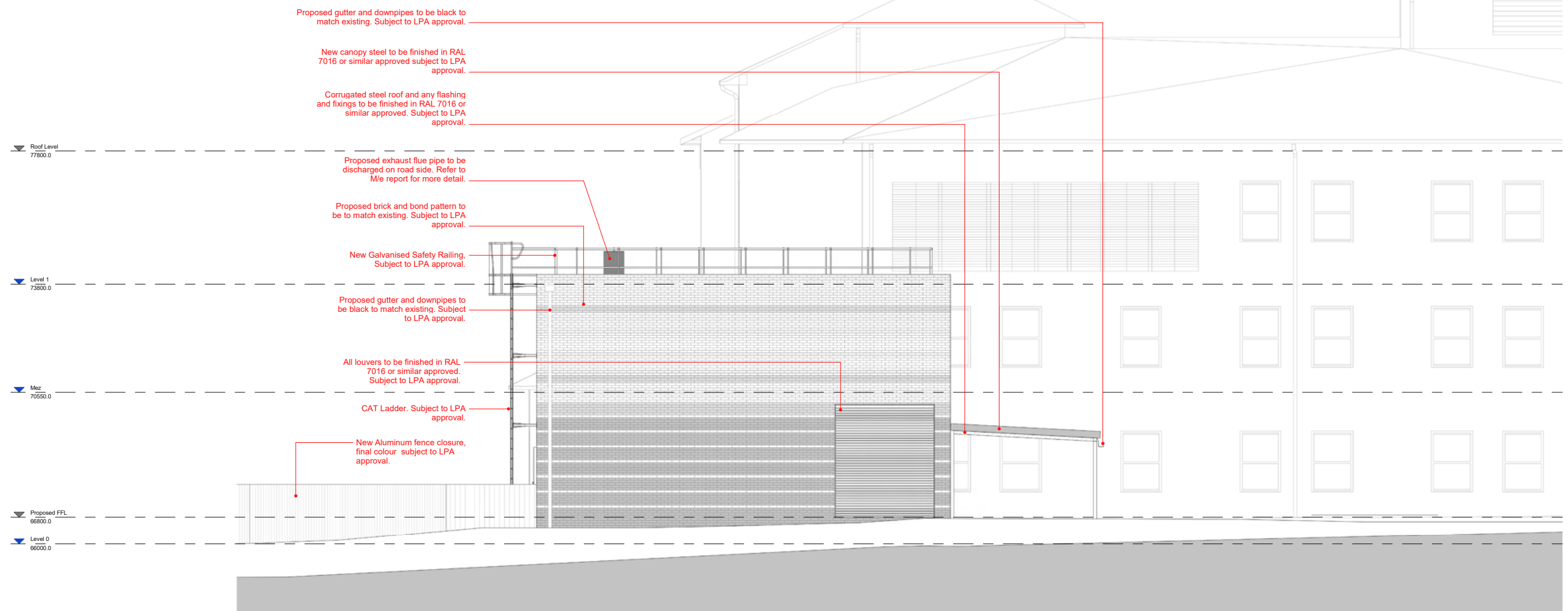
- Existing
- Generator
- Lobby
- Transformer

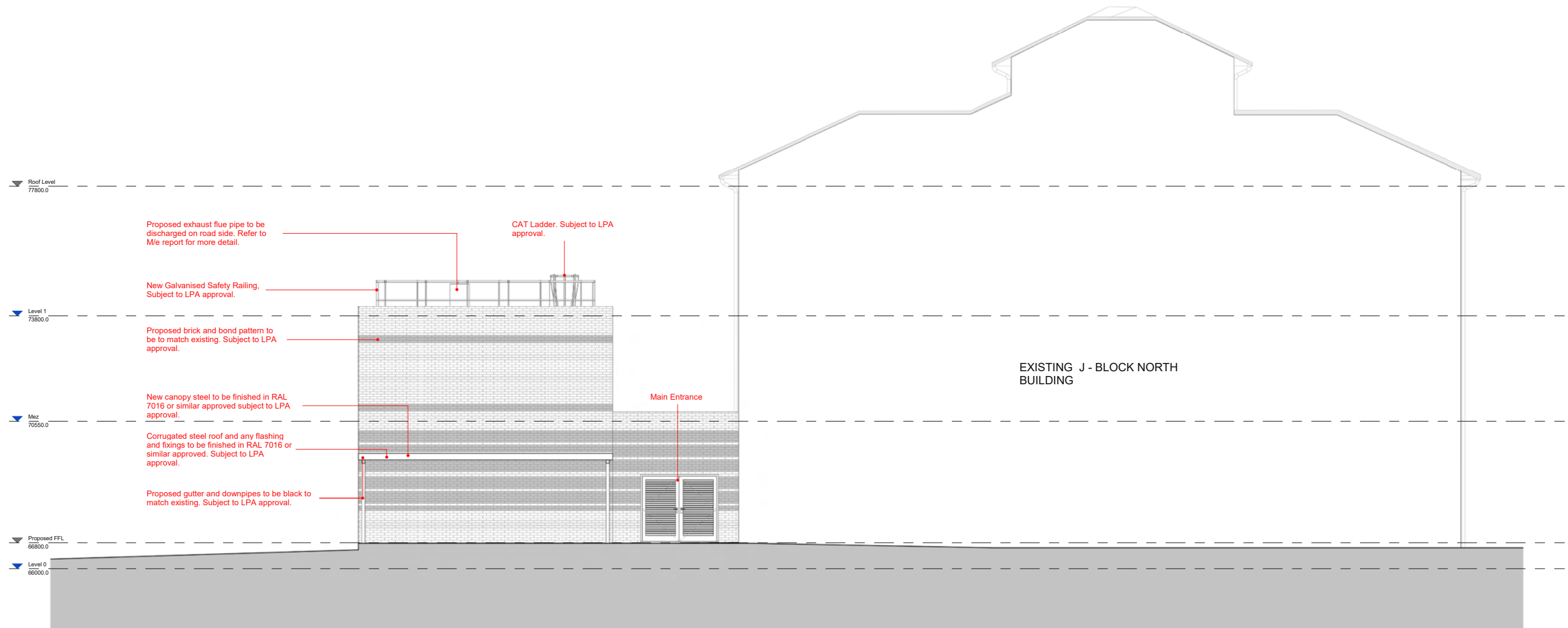
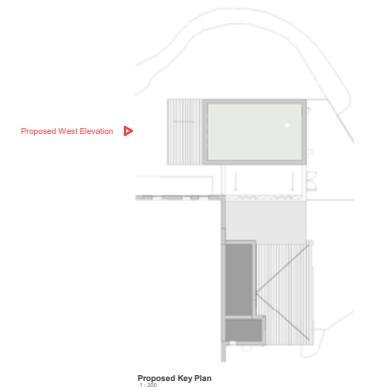






Proposed Key Plan
1:200









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