

Genr8 Kajima Regeneration Ltd (GKRL)

SMP Huyton, Hotel

Ventilation Statement

22 October 2025

Ref: SMP-HAN-ZZ-XX-ME-000005

Revision: P03

Contents

- 1.0 Introduction
- 2.0 Development Description
- 3.0 Ventilation Strategy
- 4.0 Roof Plant
- 5.0 Façade Louvre Locations

1.0 Introduction

This Ventilation Statement has been prepared by Hannan Associates on behalf of Genr8 Kajima Regeneration Ltd (GKRL) and is submitted in support of an application for planning permission at St Micheal's Place, Huyton.

The subsequent sections of this report provide an overview of the corresponding ventilation strategies for the Hotel (Plot 04) to support the planning application.

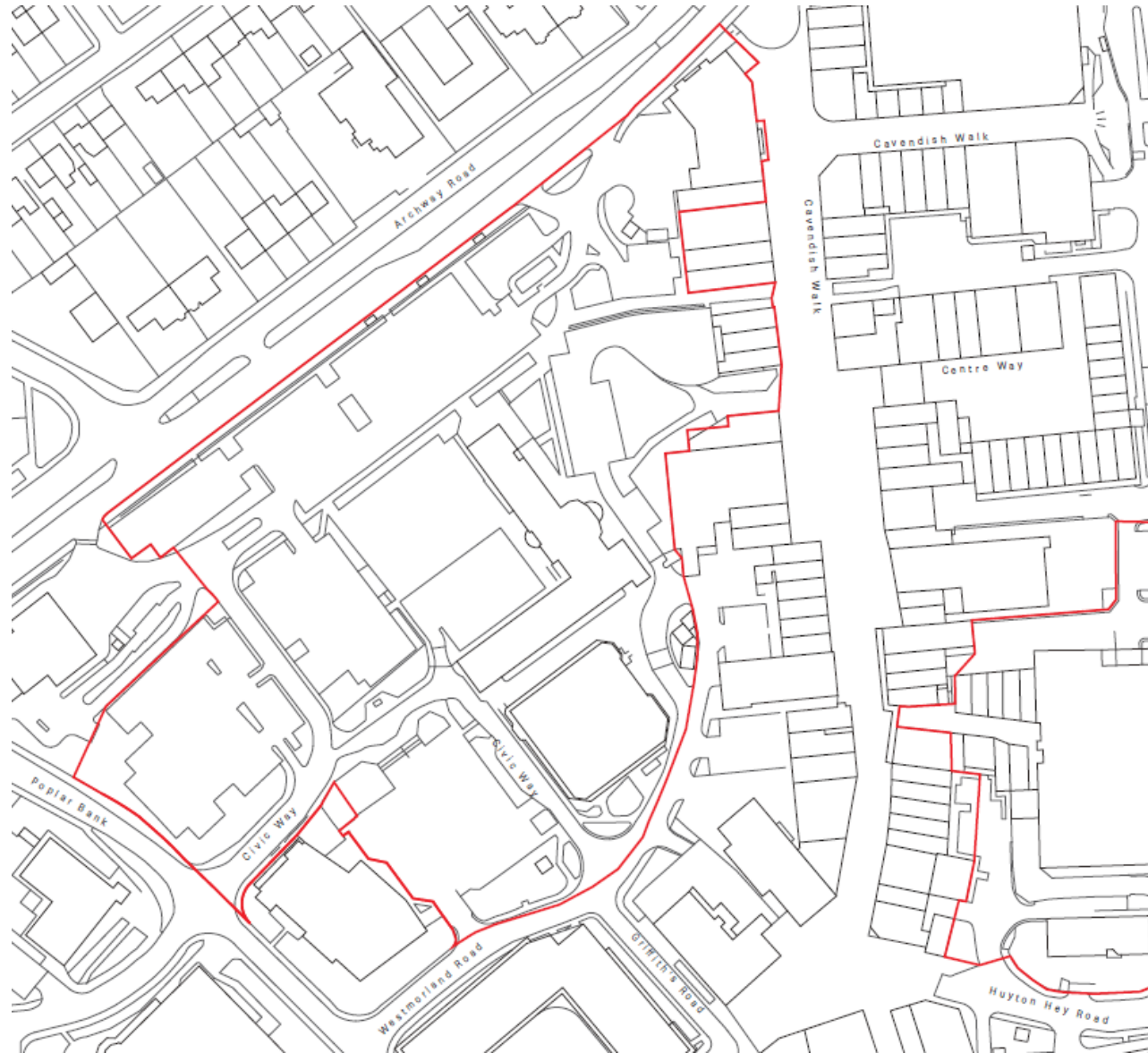


Figure 1: Existing Site Plan / Context

2.0 Development Description

The proposed development comprises 130nr bedroom hotel, which are to be constructed across 5nr upper floors.

The ground floor of the building has been designated for front of house / public areas of the building and staff / back of house / amenity areas.

The roof area is for plant.



Figure 2: Proposed Plans

3.0 Ventilation Strategies

The following sections provide an overview of the primary ventilation strategies which are to be incorporated into the various parts of building which form the development. These ventilation strategies include natural ventilation and local mechanical ventilation.

3.1 Ground Floor Ventilation Strategy

Ground floor general supply and extract mechanical ventilation is to be provided via a central air handling unit located within the external roof plant enclosure.

Kitchen located at ground floor (including wash up area) mechanical supply and extract ventilation is to be provided via separate supply and extract kitchen ventilation plant located within the external roof plant enclosure.

Bin store at ground level mechanical extract ventilation is to be provided via dedicated extract fan located at high level within the bin store.

3.2 Guest Floors Ventilation Strategy

Guestroom (including guestroom bathrooms) supply and extract mechanical ventilation is to be provided via a central air handling unit located within the external roof plant enclosure.

4.0 Roof Plant

The image below shows the roof plant proposal.

- Blue arrows indicate intake
- Brown arrows indicate exhaust

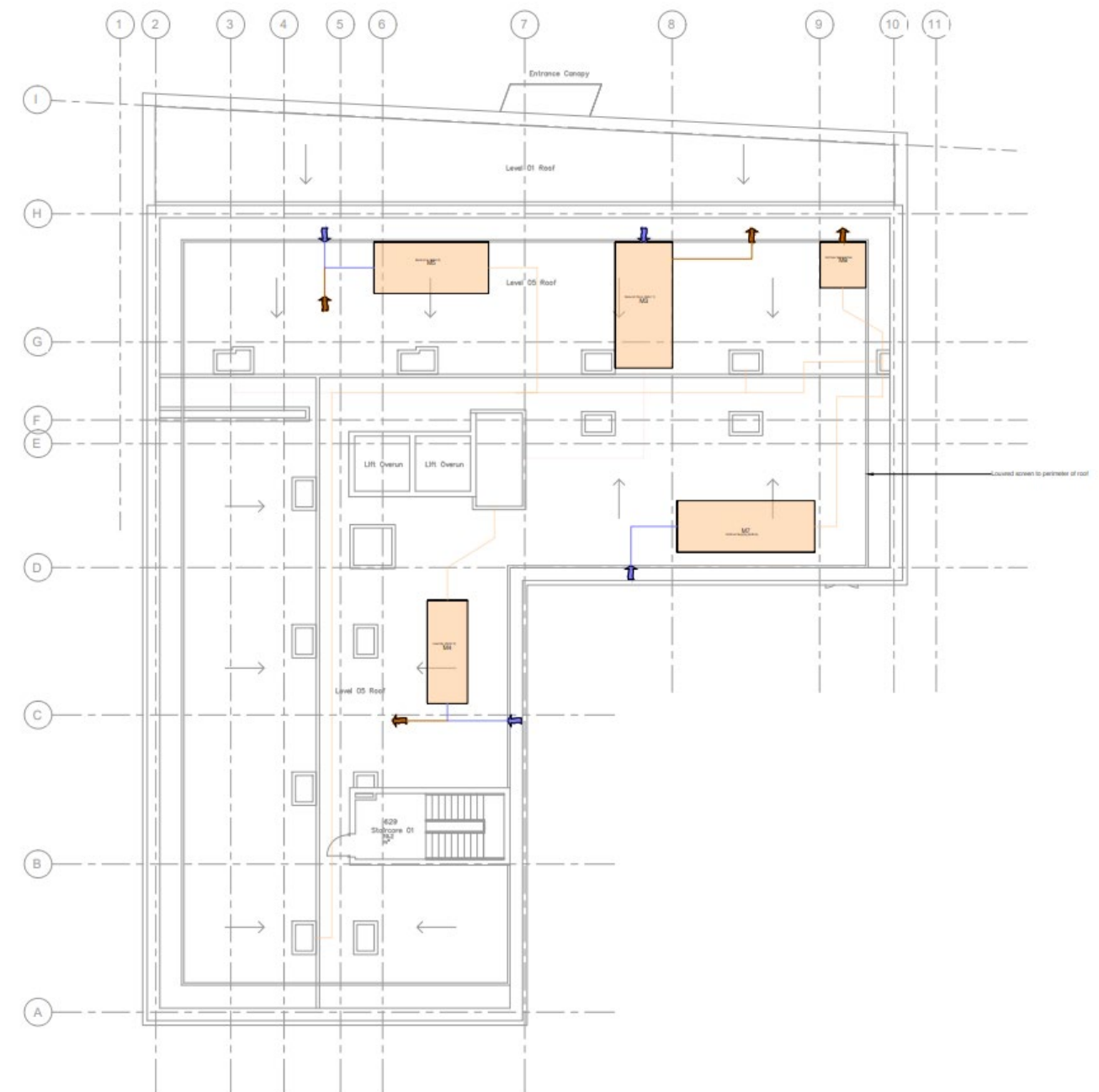


Figure 3: Roof Ventilation Plant

Façade Louvre Locations

Louvred areas of the façade have been highlighted on the elevations below.



Figure 4: North Elevation



Figure 5: East Elevation



Figure 6: South Elevation

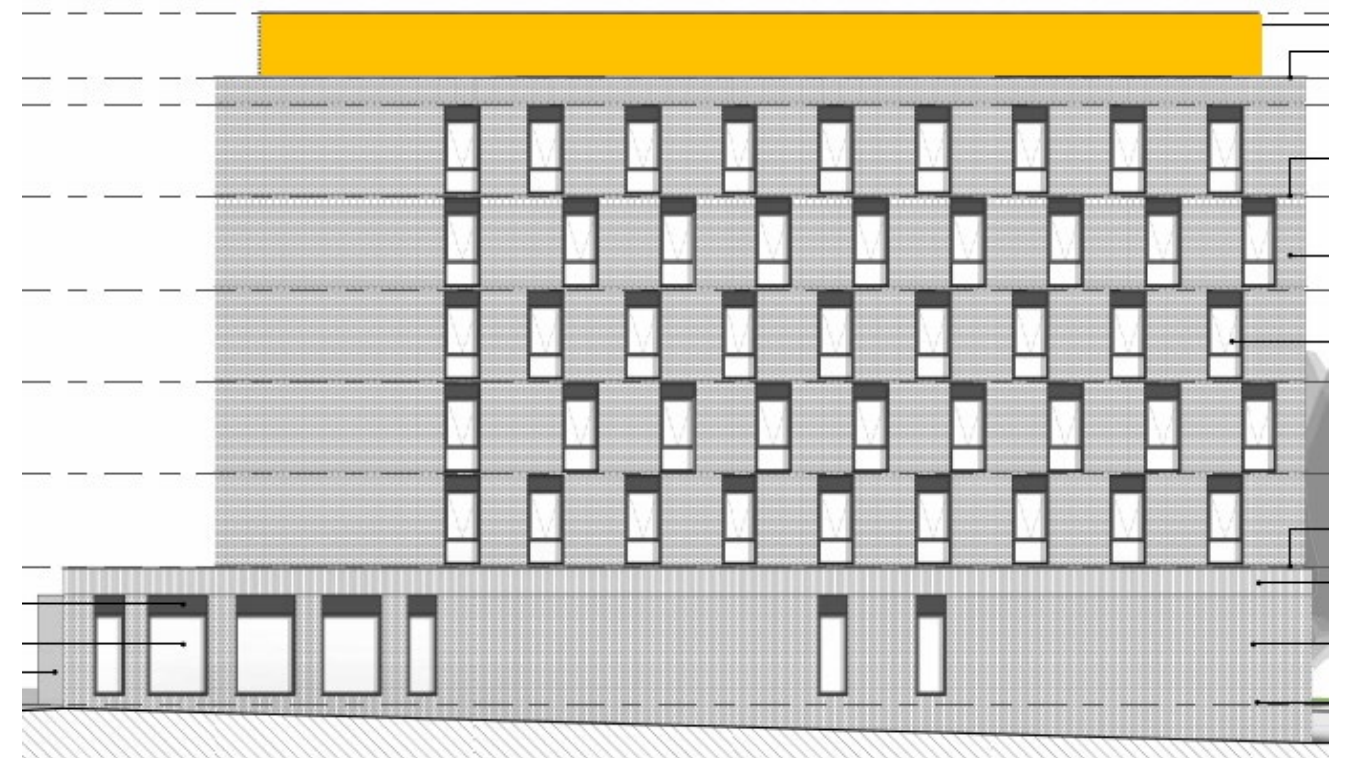


Figure 7: West Elevation

