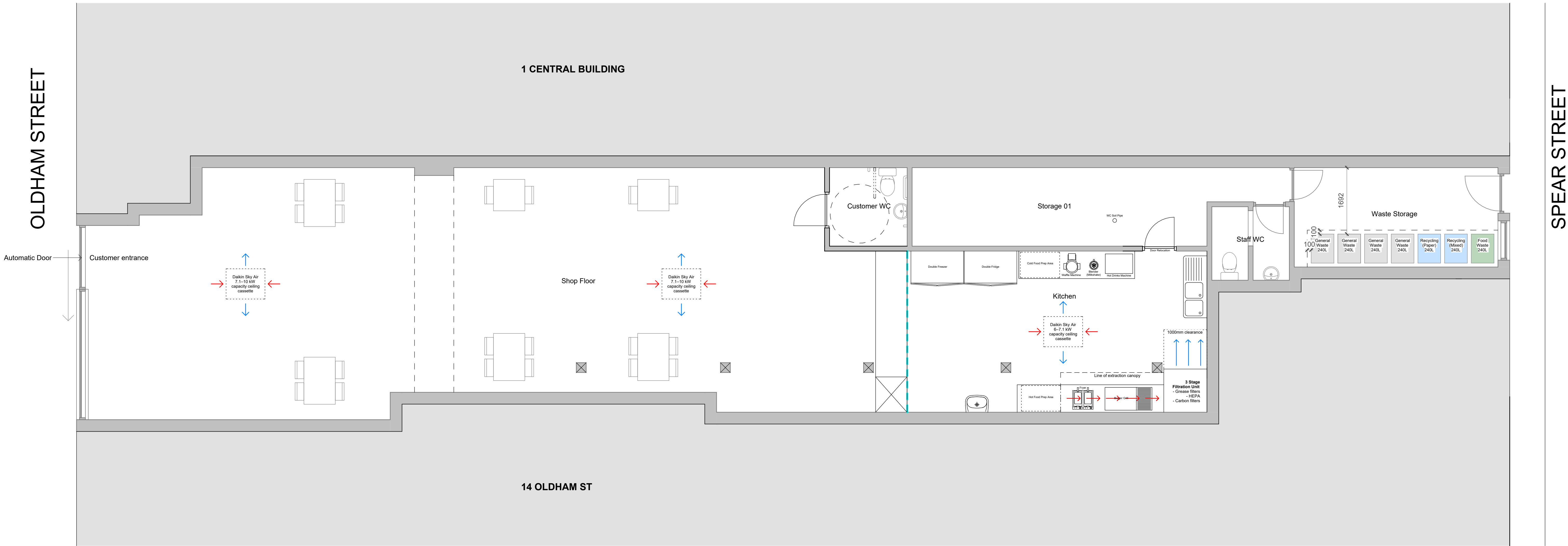




Notes

1. External Alterations:
- Shop Front: No alterations are proposed to the shop front.
 - Ventilation: The proposed kitchen ventilation system is a recirculation system (Reflow 1.5), avoiding external ducting or flues. This design ensures compliance with conservation area restrictions and preserves the existing façade.

2. Ventilation Solution

System Overview:

The proposed kitchen ventilation system will utilize a Reflow 1.5 Recirculation System, which is specifically designed for commercial kitchens.

Filtration Process:

- Primary Filters: Stainless steel baffle filters and mesh filters to capture large grease particulates.
- Intermediate Filters: G4 and H10 HEPA filters to remove medium to fine particulates, ensuring cleaner air.
- Odour Control: Double-pass carbon filters to control odours by capturing cooking gases, meeting industry and council standards.

Maintenance and Servicing:

- The system will be maintained quarterly by certified contractors.
- Filters will be inspected, cleaned, and replaced per manufacturer recommendations to ensure continued compliance with odour and noise control requirements.
- A maintenance log will be maintained and made available for inspection.
- A 1000mm clearance area will be maintained around the system for airflow and easy access for servicing.

Noise Impact and Acoustic Measures:

- The Reflow 1.5 Recirculation System includes sound attenuation technology for quiet operation.
- Additional noise-reducing measures, such as anti-vibration mounts, enclosures, and duct silencers, can be implemented as needed.

Odour and Noise Mitigation:

- Both assessments will be submitted alongside the updated application.
- Measures recommended in the assessments will ensure compliance with council standards.

3. Proposed Air Conditioning Solution

System Overview:

Details of existing air conditioning units could not be confirmed.

The proposed air conditioning system is the Daikin Sky Air A-Series, selected for its:

- High energy efficiency (A++ rating, SEER up to 7.7).
- Low noise levels.

Integration with Ventilation System:

- The Daikin system complements the Reflow 1.5 by maintaining a comfortable indoor environment while supporting air quality.
- Heat recovery capabilities enhance energy efficiency and reduce strain during peak periods.

Noise Impact and Acoustic Measures:

- The indoor unit will operate at ≤30dB (low speed), and the outdoor unit will achieve ≤35dB at 1m, with anti-vibration mounts to further reduce noise transmission.
- This ensures compliance with the requirement to maintain noise levels at least 5dB below the ambient (LA90) level at the nearest sensitive location.

Design:

- Kitchen Area: 6-7.1 kW cassette is appropriate to manage heat load and maintain a comfortable environment for staff.
- Restaurant Area: 2 cassettes of 7.1-10 kW capacity. Distributing multiple units ensures even air circulation and avoids hot or cold spots across the large area.
- The outdoor condenser unit will be placed at ground level to the rear of the building (Spear Street), housed in a screened enclosure to minimize visual impact.
- No external alterations, such as visible ducting or plant equipment, are required.

Maintenance:

- Quarterly servicing will ensure compliance with noise and environmental standards.
- A detailed maintenance log will be kept for council inspection.

4. Waste Management

Storage:

All refuse will be stored internally until collection times to prevent obstruction of the public highway.

Details:

A completed Waste Management Proforma has been included, detailing storage arrangements, collection times, and vehicle access.

5. Servicing Plan:

- All deliveries, ad-hoc maintenance, and waste collection will be serviced via the rear entrance on Spear Street.
- A servicing plan is included, detailing the type and frequency of vehicle access.