DETAILS TO BE USED IN CONJUNCTION WITH MANUFACTURER'S DETAILS

EXTRACT SYSTEM & MAINTENANCE DETAILS

1. EXTRACT CANOPY

S/S (304 grade) canopy 3500x1200mm above cooking units with 6 no. removable and washable grease filters 495x495x50mm.
(FILTERS MUST BE WASHED 2 - 3 TIMES A WEEK).

2. PRE-FILTERS

2 No. HEF PLEATED PANEL FILTERS (Emcel Filters) F8 Fine High Efficiency disposable filters 600x600x95mm. The synthetic filtration medium is bonded to coarse mesh supports then pleated to give an extended face area and minimise resistance. The pleated pack is then encased within the disposable cardboard frame.
(FILTER ELEMENTS TO BE REPLACED EVERY 4 WEEKS)

3. ESP 1500E

Electrostatic Precipitator 1500E - to separate particulate phase - separating small grease and smoke particles that penetrate the main grease filters in the canopy, secured to structure sitting on stands.
(FİLTERS TO BE REMOVED AND CLEANED WİTH CHEMİCALS AND WARM WATER EVERY 3-4 WEEK).

4. CARBON FILTER UNIT WITH PRE-FILTERS

KATERCARB (Emcel Filters) 2KXB2 ACD extra duty 207C activated carbon filter unit 660x610x1025mm with 8 disposable chemically bonded carbon panels permanently sealed with a galvanised steel casing. Minimum Carbon Weight loading of 80kg /1.0m³/s with resistance to air flow of 175Pa (excluding prefilter and grease filter),and a dwell time of 0.3 seconds - secured to structure sitting on anti-vibration mountings.
(FILTER ELEMENTS TO BE REPLACED EVERY 4 WEEKS AND CARBON PANELS TO BE REPLACED EVERY 9-12 MONTHS)

5. FAN Flexible canvas connectors

A high pressure 500mm Ø Elta axial fan unit SCPP500/4-1 with sound level of 62 dB (A) @ 3 meters without attenuation. Speed regulator rating is at 1350 rpm with 2.01m³/s air flow rate @ 250 Static Pressure Pa giving efflux velocity at the flue terminal of 10.25m/s (to give 35 + air changes in the kitchen) - secured to the structure sitting on the stand with anti-vibration mountings and insulated - connected directly to the silencers.

The fan to be wrapped in an Acoustic Fan Jacket type AFJ (see manufacturer's details)

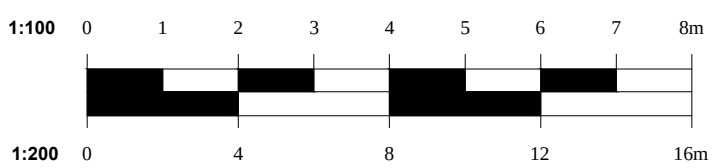
7. SILENCERS/ATTENUATORS

2 No. 653mm Ø x 600mm high performance silencer (with 1DEP - cylindrical centrebody for enhanced attenuation) connected directly to fan casing on the outlet side and connected to ducting with flexible canvas connectors, giving a sound reduction level of 14dB (A) for the unit @ 3 meters - secured to structure sitting on the stand with anti-vibration mountings.

8. DUCTING

Galvanised steel ducting - flue riser (18swg) 400mm x 400mm of nominal cross sectional area with adequate stiffening and cross bracing discharging and terminating vertically at least 1.0m above eaves level.
Ducting to be secured to the structure with duct support brackets with anti-vibration mountings.

When printing off pdf drawings, it is the responsibility of the user to verify that the resulting prints are to scale on the appropriate sized sheet. Also the scale bar on the plan measure correctly



General Notes

1. Dimensions should not be scaled from the drawings where accuracy is essential.
2. Details dimensions and levels to be checked on site by builder prior to commencement of works. Any works commenced prior to all necessary local authority approvals are entirely at the risk of the owner & builder.
3. Structural details are subject to exposure of existing construction and verification by L.A Surveyor and any necessary revised details are to be agreed with the L.A Surveyor prior to carrying out the affected works.
4. All materials are to be used in accordance with the manufacturers' guidelines and all relevant British Standards Codes of Practice & Regulation 7 of Building Regs.
5. All works are to be carried out in accordance with Local Authority requirements.
6. The intended works fall within the Party Wall Act 1996 and any adjoining owners affected must be notified prior to commencement of any works.
7. Thames Water Authority permission to be obtained if building over or adjacent to sewers within 3 metres.(Tel: 08459 200 800)
8. No part of the extension to project into adjoining boundary lines.

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Client:
Bromley Park Garden Estates Ltd

Project:
114A-116 Fortess Road
London
NW5 2HL

Title:
CHANGE OF USE

Drawn: R. GÖKCE

Drawing No. DP/2973/FC/05

Scale : 1:100 @ A3

Date : March 2017