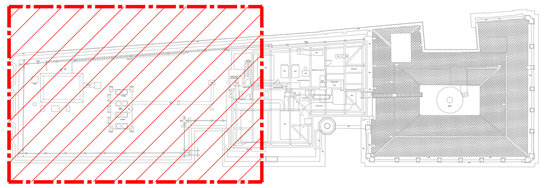
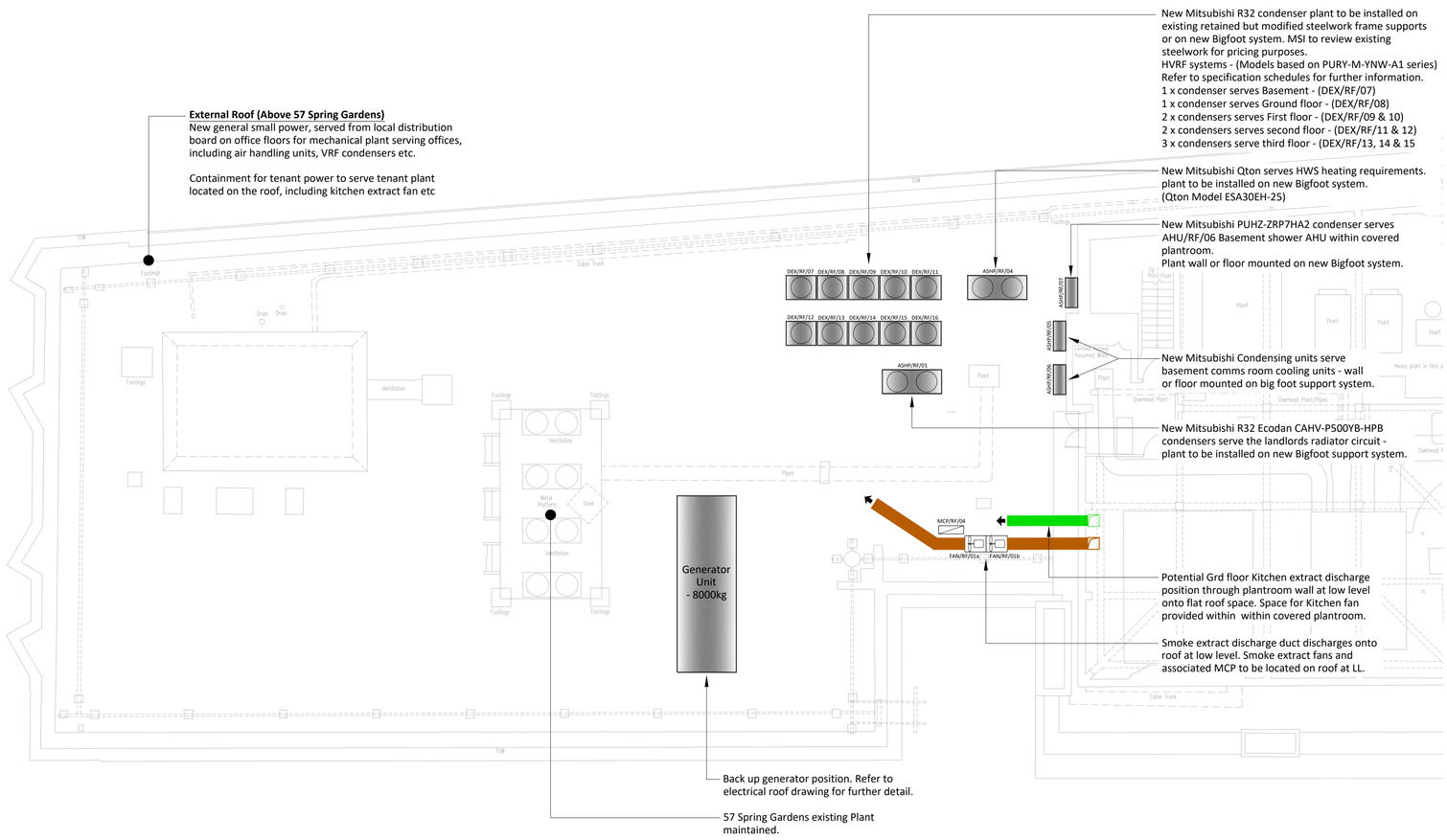


Site Location Plan



External Roof (Above 57 Spring Gardens)
New general small power, served from local distribution board on office floors for mechanical plant serving offices, including air handling units, VRF condensers etc.

Containment for tenant power to serve tenant plant located on the roof, including kitchen extract fan etc

New Mitsubishi R32 condenser plant to be installed on existing retained but modified steelwork frame supports or on new Bigfoot system. MSI to review existing steelwork for pricing purposes.
HVRF systems - (Models based on PURY-M-YNW-A1 series)
Refer to specification schedules for further information.
1 x condenser serves Basement - (DEX/RF/07)
1 x condenser serves Ground floor - (DEX/RF/08)
2 x condensers serves First floor - (DEX/RF/09 & 10)
2 x condensers serves second floor - (DEX/RF/11 & 12)
3 x condensers serve third floor - (DEX/RF/13, 14 & 15

New Mitsubishi Qton serves HWS heating requirements. plant to be installed on new Bigfoot system.
(Qton Model ESA30EH-25)

New Mitsubishi PUHZ-ZRP7HA2 condenser serves AHU/RF/06 Basement shower AHU within covered plantroom.
Plant wall or floor mounted on new Bigfoot system.

New Mitsubishi Condensing units serve basement comms room cooling units - wall or floor mounted on big foot support system.

New Mitsubishi R32 Ecodan CAHV-P500YB-HPB condensers serve the landlords radiator circuit - plant to be installed on new Bigfoot support system.

Potential Grd floor Kitchen extract discharge position through plantroom wall at low level onto flat roof space. Space for Kitchen fan provided within within covered plantroom.

Smoke extract discharge duct discharges onto roof at low level. Smoke extract fans and associated MCP to be located on roof at LL.

Back up generator position. Refer to electrical roof drawing for further detail.

57 Spring Gardens existing Plant maintained.

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Do not scale from this drawing.
Verify dimensions by site measurement.
Read this drawing in conjunction with the latest architectural and structural drawings.

This drawing is based on the following information:-

Notes

1. This drawing to be read in conjunction with all mechanical, electrical & public health drawings for this contract.
2. All services work to be carried out in accordance with the relevant Engineering Specification for this contract.

Revision	Date	Description	Drawn	Checked
04	28/07/22	F&B Heating roof condensers omitted.	MR	SH
03	20/05/22	Roof Condenser layout notes reviewed and updated.	MR	SH
02	29/04/22	Stage 4 Tender Issue.	MR	SH
01	31/03/22	Stage 3 Issue.	MR	SH

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Client
Bruntwood

Project
38-42 Mosley Street
Grade 2* Listed Building Refurbishment

Drawing Title
Mechanical & Electrical Services
Roof Level
Proposed External Plant Layout

Scale	Sheet Size	Checked	Approved
1:100	A1	SH	SR

Status: RIBA STAGE 4 TENDER ISSUE
HM Project No.: 27618
Drawing No.: 27618-HM-ZZ-RF-DR-MS-2206
Rev: 04