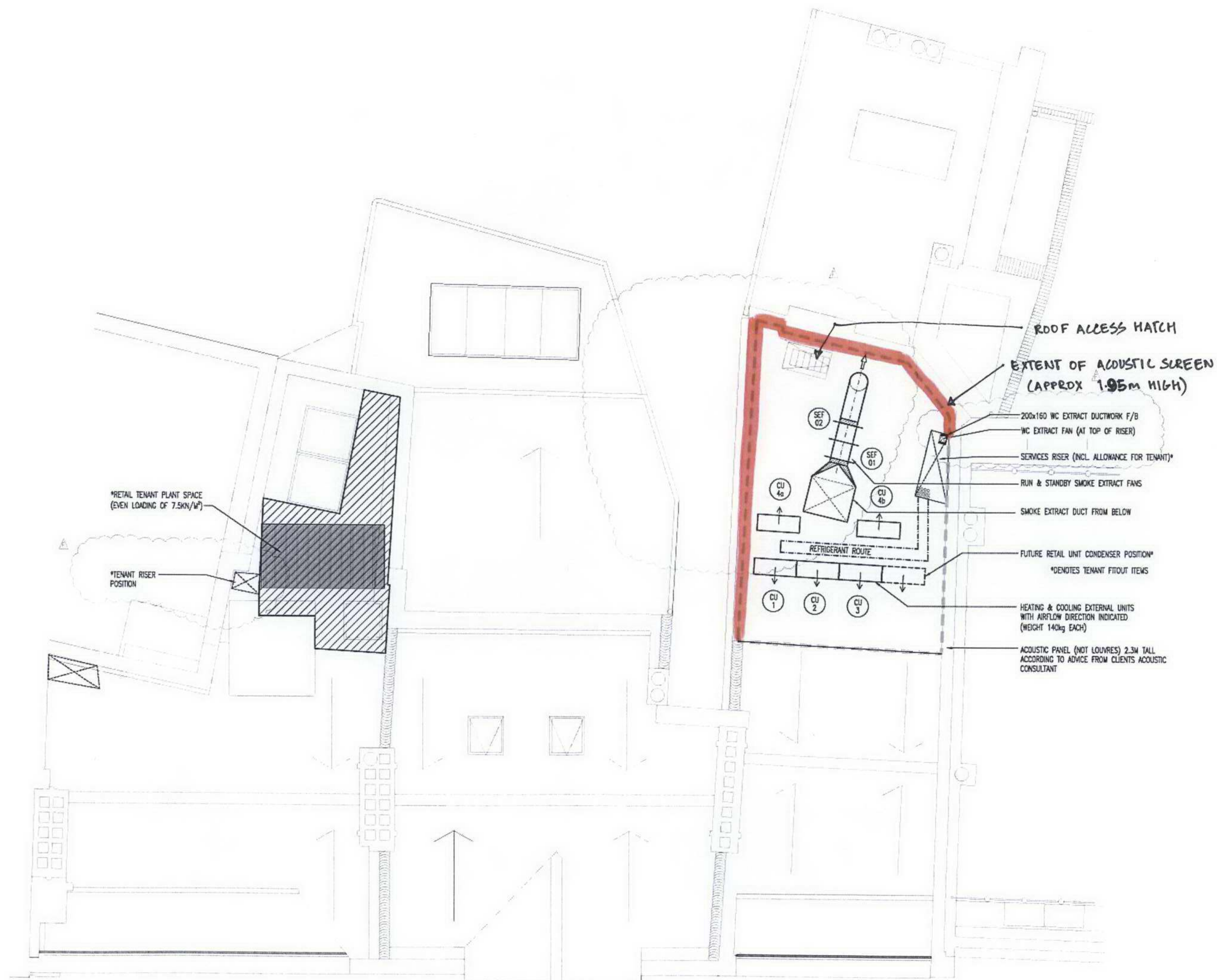




NOTES

1. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.
2. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED.
3. DO NOT SCALE FROM THIS DRAWING.
4. FOR KEY TO DRAWINGS/GRAPHICAL SYMBOLS SEE LEGEND.

F	14/06/07	MB	GENERAL REVISIONS TO ROOF LAYOUT	M.J.
E	01/06/07	AJM	CONTRACT ISSUE. ROOF PLANT LAYOUT REVISED. ARCHITECTS BACKGROUND UPDATED	M.J.
D	13/04/07	BJM	CONTRACT ISSUE	M.J.
C	28/11/06	D.G.	TENDER ISSUE	M.J.
B	02/11/06	D.G.	ISSUED FOR PLANNING	D.G.
A	31/10/06	M.C.	BACKGROUND UPDATED. TOILET EXTRACT FAN MOVED. REFRIGERANT PLANT RELOCATED. PROPOSED RETAIL PLANT SPACE HATCH ADDED.	D.G.
-	08/06/06	M.C.	ISSUED FOR COMMENT	D.G.

Rev.	Date	By	Description	Chkd.
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Drawing Status:

CONTRACT.

Client:

JEM (HATTON GARDEN) LTD

Project Title:

HATTON GARDEN

Drawing Title:

MECHANICAL SERVICES
ROOF LAYOUT

10 Lindsey Street,
London EC1A 9HP
Telephone: 020-7809-1800

Scale: 1:50 Drawn: M.C. Date: JULY 06 Checked: D.G. Passed: RF

Project No: 306.031.00 Drawing No: 15(R)1 Revision: F

NOTES

1. This drawing shall be read in conjunction with all relevant Architects & Engineers drawings and specifications.
2. Do not scale any dimensions. All dimensions to be checked on site.
3. For general notes refer to drawing no. P651/302.
4. For sections refer to DWG No's P651/310-312.

LEGEND

- Extg. timber joists fully levelled & repaired where necessary. Provide infill noggings @ 1.5m crs.
- Extg. timber rafters fully levelled & repaired where necessary. Provide infill noggings @ 1.5m crs.
- Extg. filler joist concrete slab
- New timber floor joists to be 63x200ap C16 @ 400 crs with full depth noggings @ 1.5m crs max.
- 50x175dp C16 timber rafters @ 400mm crs. with infill full depth noggings @ 1.5m crs max.
- ** Double up existing/new joists. Joists connected together using M10 through bolts @ 450c/c staggered with square plate end washers & double sided toothplate connector between joists.
- Steel straps perpendicular to timber floor @ 2m crs. max.
- Steel straps perpendicular to filler joist concrete floor @ 2m crs. max.
- Steel straps parallel to timber floor @ 2m crs. max.
- Steel straps parallel to filler joist concrete floor @ 2m crs. max.
- Steel straps perpendicular to roof rafters @ 2m crs. max.
- Steel straps parallel to roof rafters @ 2m crs. max.
- PS 225dp x 150wd x 600long mass concrete padstone

FOR CONSTRUCTION

Rev.	Date	Description	Signed
P0	30/06/06	Preliminary for costing purposes.	PS
P1	03/11/06	Lift construction revised	TR
P2	05/12/06	General Revisions	TR
T0	08/12/06	Issued for Tender	TR
C0	04/04/07	Construction issue note added.	RN
C1	18/05/07	Notes & sections added as clouded	AZ
C2	24/07/07	Steelwork arrangement noted for plant area in line with M + E Engineers drawing no. 306 031.00 15(R)1 rev E and full thick infill party wall (between no. 10 & 11) noted as requested by Party Wall Surveyor. Extg. timber beam at back of no. 8 at roof level to be strengthened.	AZ
C3	04/10/07	Extg. damaged timber plate to be replaced as clouded	AZ

Client
JEM (HATTON GARDEN LTD.)

Project Title
**8-10 HATTON GARDEN
LONDON EC1**

Drawing Title
**PROPOSED ROOF
GENERAL ARRANGEMENT**

	Drawn	PS
	Checked	RL
Foundation House 4 Percy Road London N12 8DQ Tel 020 8445 9115 Fax 020 8445 9788 E-mail mail@maengineers.com	Scale	Size
	1:50	A1
Project No.	Drawing No.	Rev.
P651	308	C3

STEEL MEMBER	SECTION SIZE
B1	203x133x30 UB
B2	254x146x43 UB
B3	305x165x54 UB
B4	200x200x8 SHS
B5	203x203x60 UC
B6	150x90x24 PFC
B7	152x152x23 UC
B8	140x140x10 SHS
FRAME A	254x146x37 UB beam & 203x203x46 UC columns with full moment connection.
FRAME B	203x203x52 UC beam & 254x254x73 UC columns with full moment connection.

PROPOSED ROOF

SCALE 1:50

PROPOSED PLANT ROOF STEEL WORK LAYOUT

SCALE 1:50

PROPOSED PLANT ROOF STEEL WORK LAYOUT

SCALE 1:50

