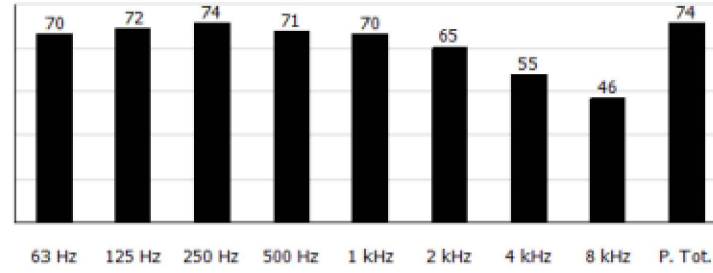
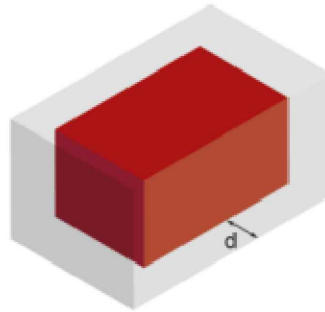


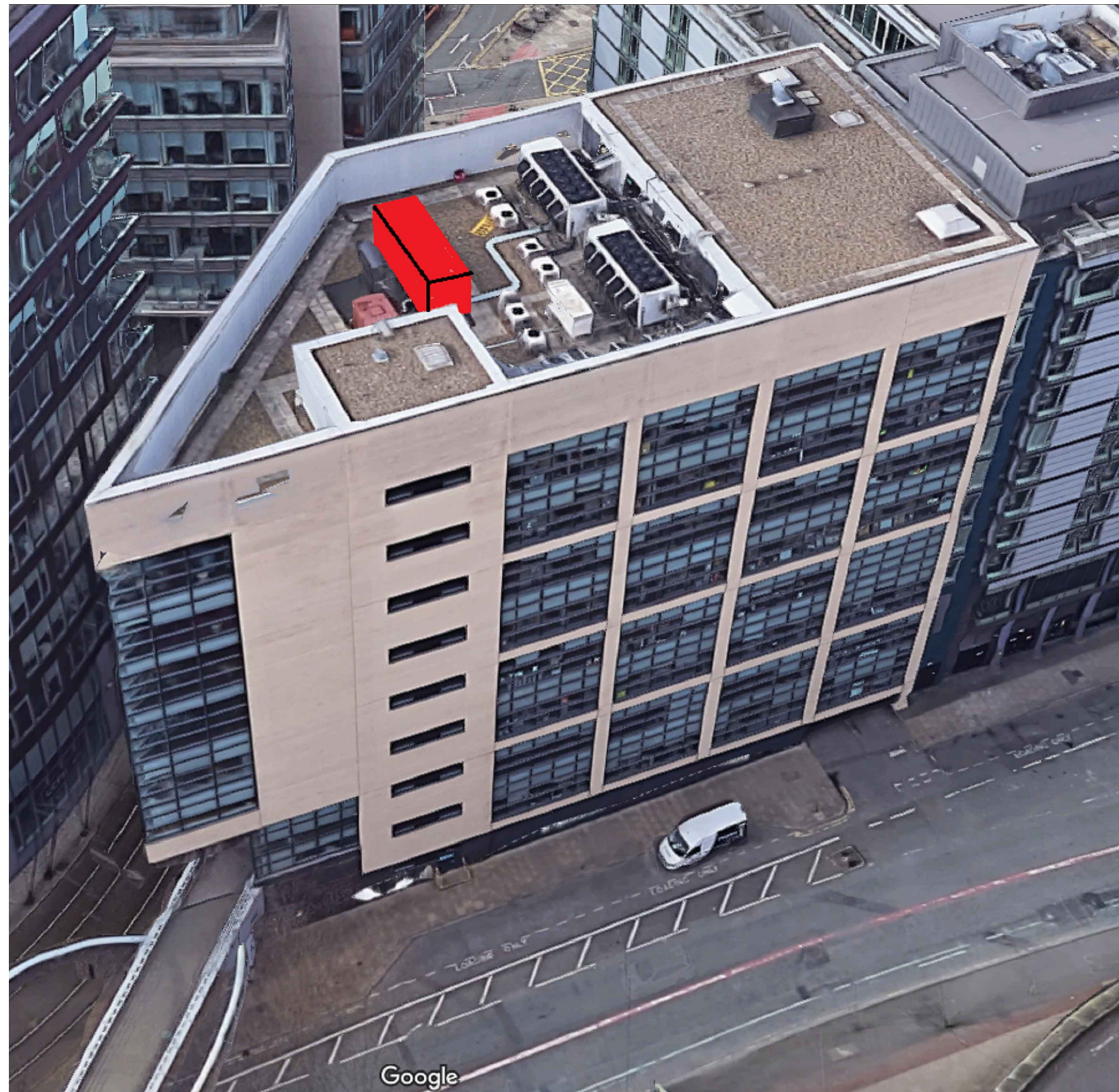
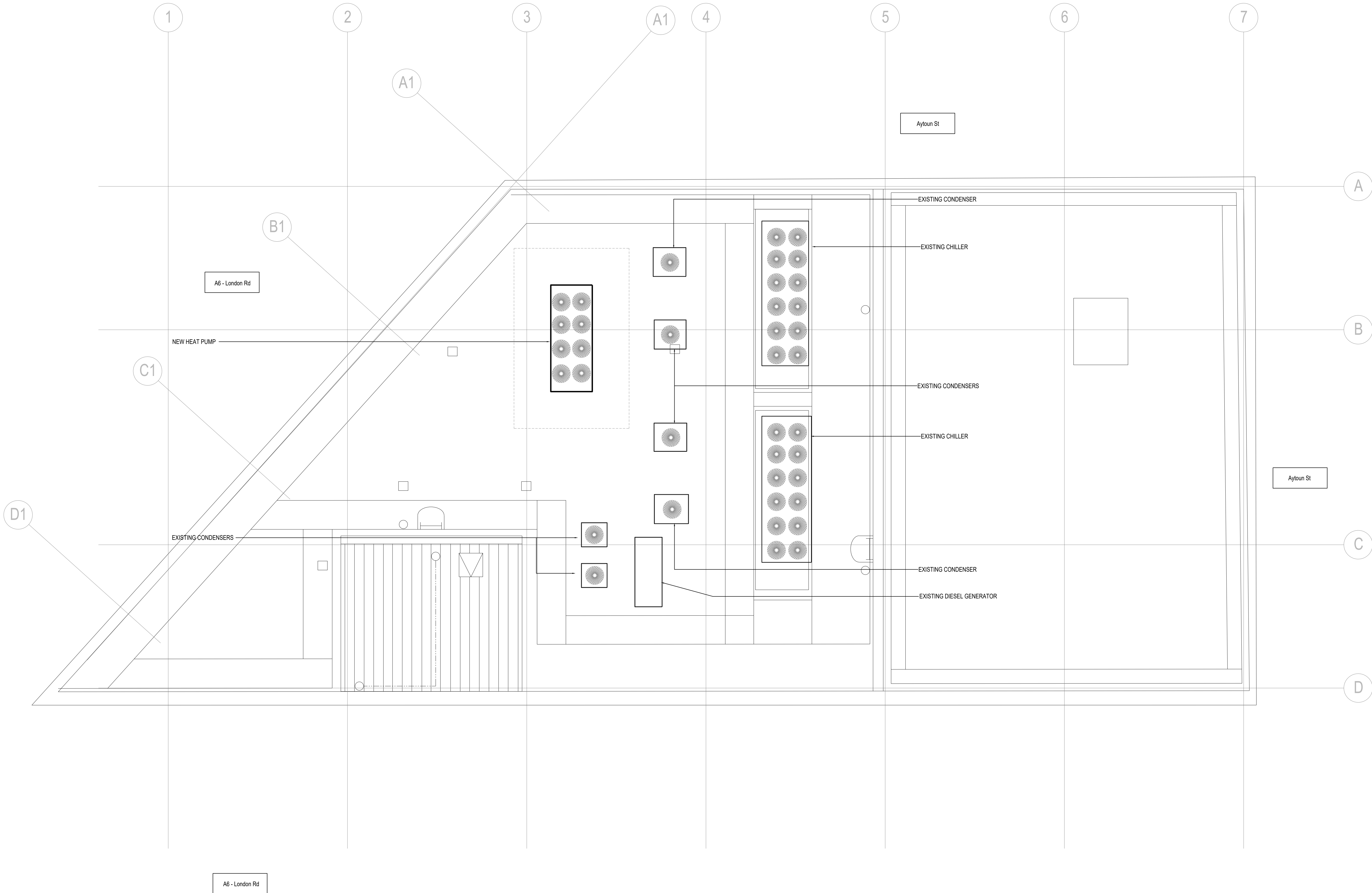
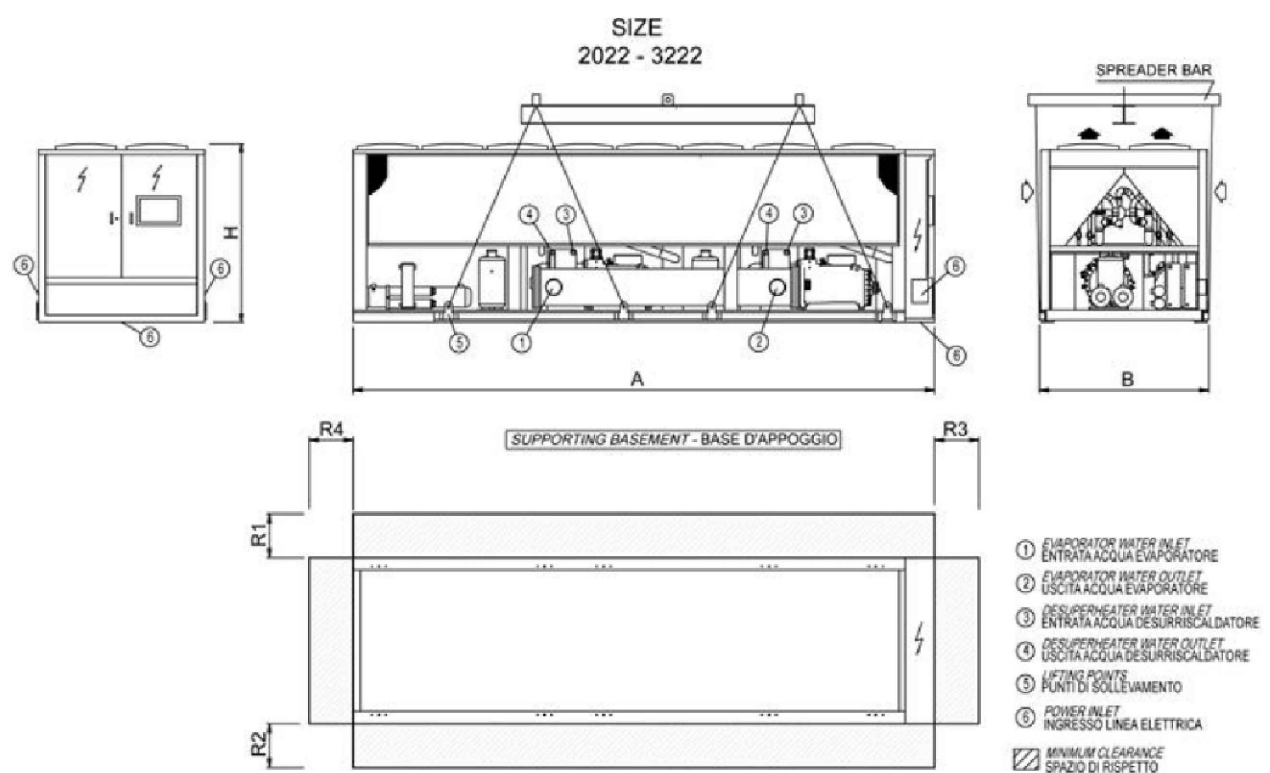


PROPOSED HEAT PUMP (MITSUBISHI FOCN / LN-CA 252Z)

SOUND DATA COLD										
Frequencies	Hz	63	125	250	500	1000	2000	4000	8000	
Sound power (spectrum)	dB	91	93	95	92	91	86	76	67	
Total sound power level in cooling	dB(A)	95								
Sound pressure level (spectrum)	dB	70	72	74	71	70	65	55	46	
Total sound Pressure	dB(A)	74								



SOUND DATA OUTDOOR HOT		
Total sound power level in heating	dB(A)	96
Note		
Distance	m	1
Average sound pressure level at 1 m distance, unit in a free field on a reflective surface, non-binding value calculated from the sound power level.		
Sound power on the basis of measurements taken in compliance with ISO 9614.		
A	mm	5800
B	mm	2290
H	mm	2430
Operating weight	kg	6930
R1	mm	2000
R2	mm	2000
R3	mm	1800
R4	mm	1500



PROPOSED HEAT PUMP SHOWN IN RED WITHIN SCREENED PLANT AREA (NO VISUAL IMPACT ON ELEVATIONS)

- NOTES
1. ALL SERVICE ROUTES DETAILED ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT ROUTES AND POSITIONS OF ALL INSTALLED SERVICES AND EQUIPMENT.
 2. THE EXACT POSITION OF ALL SERVICES AND EQUIPMENT SHALL BE AGREED BY THE CONTRACT ADMINISTRATOR.
 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FULLY COORDINATING ANY SERVICES INSTALLED WITH THE BUILDING FABRIC AND SERVICES INSTALLED BY OTHERS.
 4. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL MECHANICAL, ELECTRICAL, ARCHITECTURAL AND STRUCTURAL DRAWINGS, CONTRACT DOCUMENTATION AND SPECIFICATION FOR THE WORKS.
 5. THIS DRAWING FORMS PART OF THE SPECIFICATION FOR THE WORKS.
 6. ALL DIMENSIONS SHOWN ARE IN MILLIMETRES.
 7. DO NOT SCALE FROM THIS DRAWING.
 8. EXISTING SERVICES SHOWN FANT.
 9. THE PV SYSTEM DESIGN IS FOR DESIGN INTENT ONLY. THE CONTRACTOR SHALL LIASE WITH PV SPECIALIST FOR CONDUCTING THE FINAL DESIGN.

Drawing are generally 1:100
but not suitable for scaling from.

PRELIMINARY

P1	13/1/21	ISSUED FOR INFORMATION
REV	DATE	REVISION DESCRIPTION
CLIENT JAMIESON CONTRACTING		
PROJECT TFGM DECARBONISATION 2 PICCADILLY PLACE		
TITLE MECHANICAL & ELECTRICAL SERVICES - PROPOSED EXTERNAL PLANT LAYOUT		
■ Burnham House, 373 Bury New Road, Manchester, M25 1AW. T: 0161 773 1177 F: 0161 773 9977 manchester@parker-wilson.co.uk		
□ 2nd Floor, 72, Cannon Street, London EC4N 6AE T: 0207 251 4500 london@parker-wilson.co.uk www.parker-wilson.co.uk		
DRAWN BY J.F.	CHECKED A.L.	APPROVED BY P.G.
SCALE 1:100	SIZE A1	DATE December 2021
DRAWING No 2PP1002-TGM-03-XX-DR-N-0002		REV P1
PLOT TIME: 13 January 2022 09:53:58		