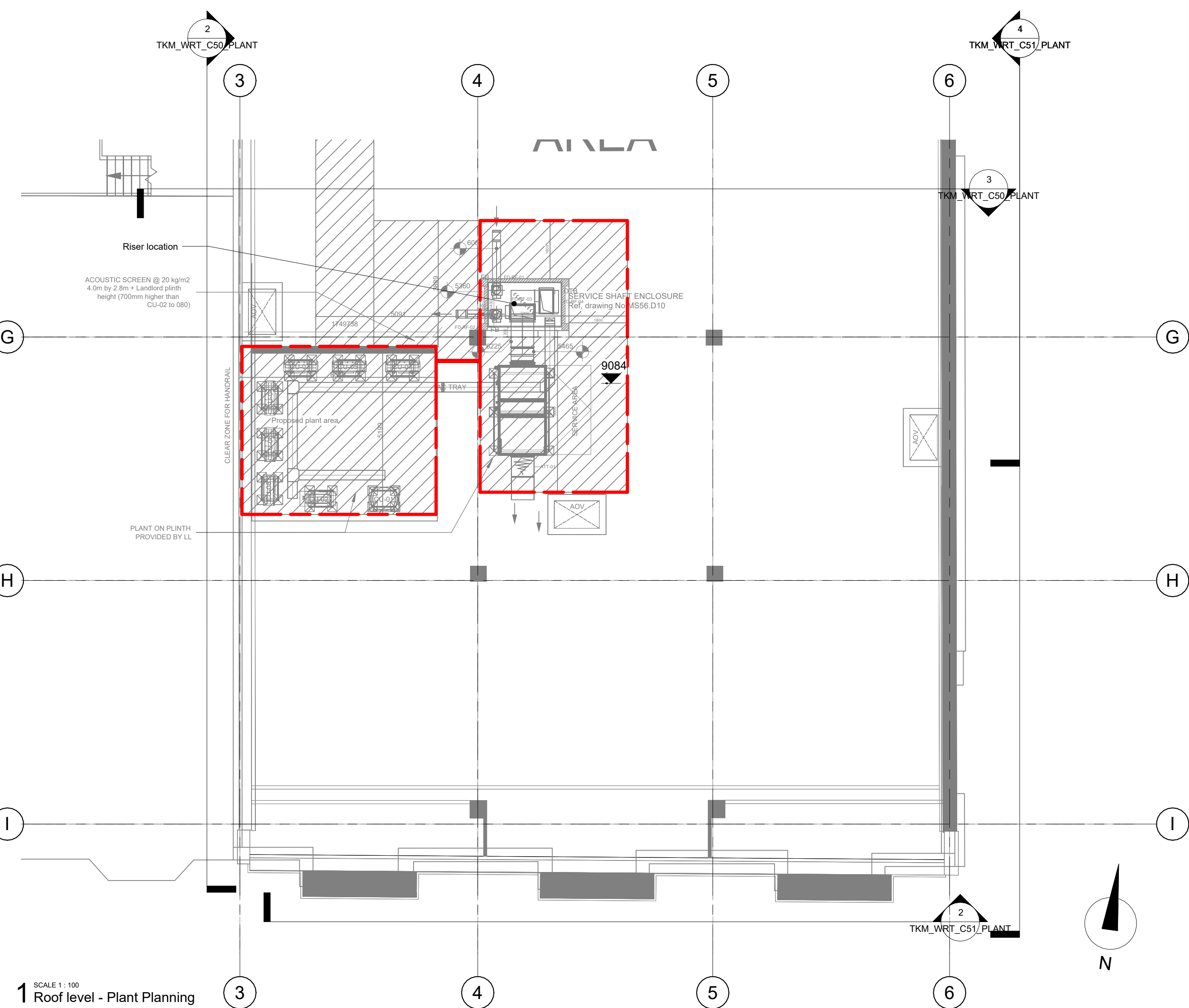
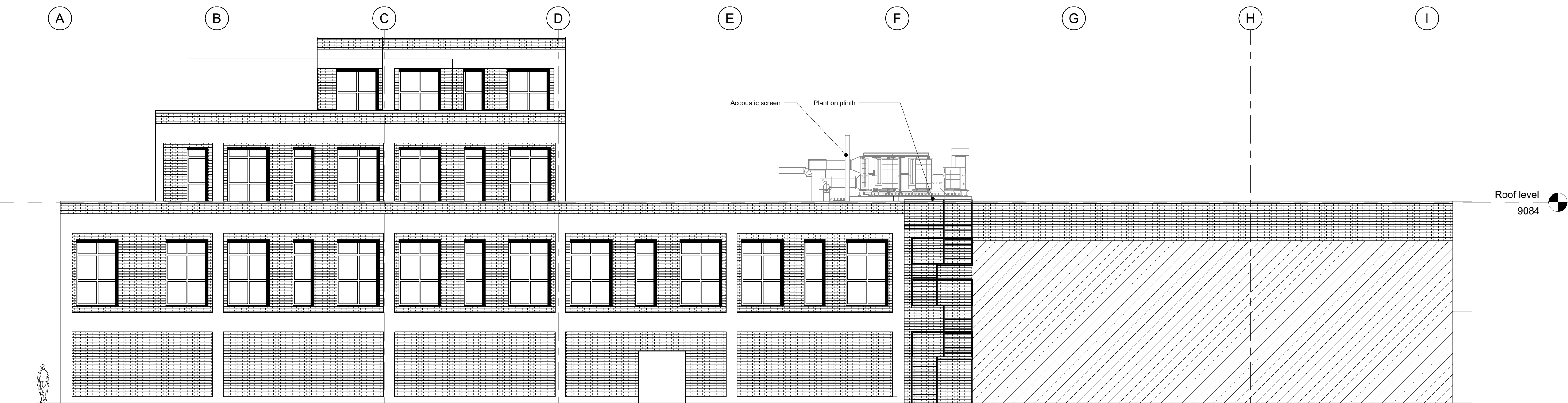




1 SCALE 1 : 100
Roof level - Plant Planning



2 SCALE 1 : 100
Plan Zone West Elevation

REF	LOCATION	SYSTEM	MODEL	SERVICE TYPE	REQUIRED DUTY		CONNECTIONS		HEAT EXCHANGER	ELECTRICAL DETAILS			WIDTH (mm)	LENGTH (mm)	HEIGHT (mm)	WEIGHT (kg)
					FLOW (m³/s)	PO (Pa)	INLET (mm)	OUTLET (mm)		POWER (kW)	VOLTAGE (V/3PH/4W)	P.L.C. (V)				
ARJ-01	ROOF	SALES FLOOR & FITTING ROOM	Non-standard	SUPPLY	1.6/75	148	700	700	Thermal wheel	4.6	400/350	6	198	290	1780	705
				EXHAUST	1.2/63	98	700	700								

DESCRIPTION	SUPPLY	EXHAUST	200Hz	300Hz	400Hz	500Hz	600Hz	700Hz	800Hz	OVERALL
OUTLET SOUND POWER (dB)	NO DATA	76	81	80	79	78	72	72	84	
INLET SOUND POWER (dB)	NO DATA	67	69	67	57	51	44	45	67	
CAUSE BREAKDOWN SOUND POWER (dB)	NO DATA	59	54	42	40	40	32	30	50	
DESCRIPTION	EXHAUST	60Hz	120Hz	200Hz	300Hz	400Hz	500Hz	600Hz	700Hz	OVERALL
OUTLET SOUND POWER (dB)	NO DATA	76	82	79	79	76	71	72	85	
INLET SOUND POWER (dB)	NO DATA	72	72	70	60	58	43	45	69	
CAUSE BREAKDOWN SOUND POWER (dB)	NO DATA	62	55	41	39	42	31	33	51	

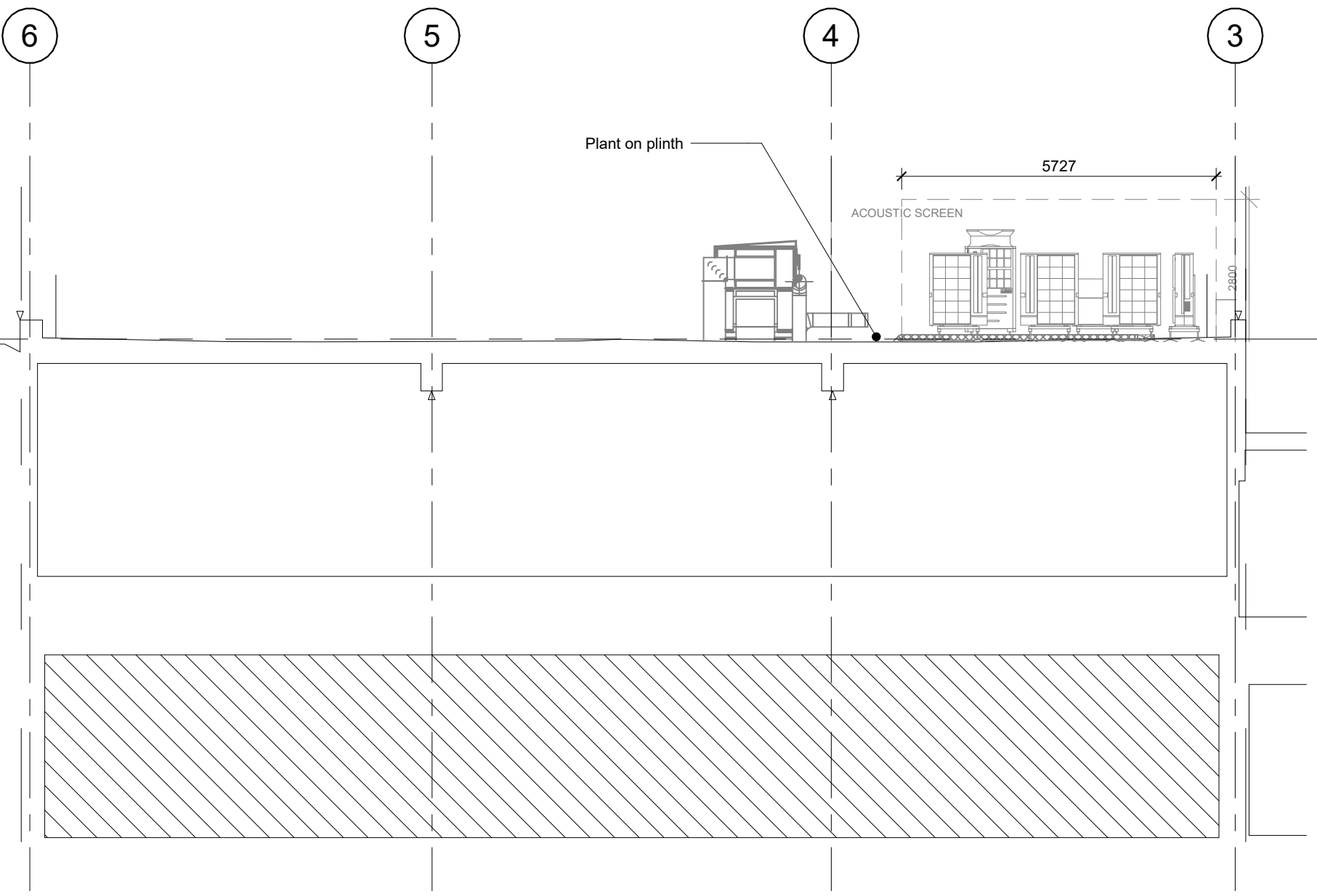
4 01. ROOF AIR HANDLING UNIT SCHEDULE
NTS

REF	SYSTEM	LOCATION	TYPE	DIMENSIONS			DUTY (L/s)	ORR (%)	PLENUM BOX (mm)	COMMENTS
				UNIT SIZE (mm)	DUCT SIZE (mm)	DUCT SIZE (mm)				
EL-01	MECH-01	ROOF PLANT AREA	MESH-END DUCT	250	250	250	255	N	N	BY DUCTWORK CONTRACTOR
EL-01	MECH-01	ROOF PLANT AREA	MESH-END DUCT	200	200	200	167	N	N	BY DUCTWORK CONTRACTOR

3 01. ROOF INTAKE & EXHAUST LOUVER SCHEDULE
NTS

REF	AREA SERVED	INDOOR UNIT REF	MODEL REFERENCE	VOLTAGE		POWER (kW)	CHILLER (kW)	PLUMB (mm)	DIMENSIONS			WEIGHT (kg)	ROOM PRESSURE LEVEL (Pa)	ROOM POWER LEVEL (Pa)	ROOM PPA (Pa)	ROOM PPA (Pa)
				V/3PH/4W	V/3PH/4W				WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)					
CU-01	BAH AREAS	AC-01	PUJ-EP7000VWV-A2	380-415/3/50	6.47/3.7	8.0	161	100	740	1058	219	95	76	70	69	67
CU-02	COMM	AC-04	PUJ-24000VWV-A2	220-240/3/50	15.4/2.07	13.0	271	1000	450	870	307	58/44	55	100	74	74
CU-03	SALES	AC-08	PUJ-24000VWV-A2	380-415/3/50	6.43/6.13	5.0	225	1050	550	1338	138	62/59	-	100	51	51
CU-04	SALES	AC-10	PUJ-24000VWV-A2	380-415/3/50	6.43/6.13	5.0	225	1050	550	1338	138	62/59	-	100	45	45
CU-05	SALES	AC-12	PUJ-24000VWV-A2	380-415/3/50	6.43/6.13	5.0	225	1050	550	1338	138	62/59	-	100	35	35
CU-06	SALES	AC-14	PUJ-24000VWV-A2	380-415/3/50	6.43/6.13	5.0	225	1050	550	1338	138	62/59	-	100	21	21
CU-07	SALES	AC-16	PUJ-24000VWV-A2	380-415/3/50	6.43/6.13	5.0	225	1050	550	1338	138	62/59	-	100	9	9
CU-08	SALES	AC-18	PUJ-24000VWV-A2	380-415/3/50	6.43/6.13	5.0	225	1050	550	1338	138	62/59	-	100	50	50
CU-09	SALES	AC-20	PUJ-24000VWV-A2	380-415/3/50	6.43/6.13	5.0	225	1050	550	1338	138	62/59	-	100	45	45

5 01. ROOF CONDENSER UNIT SCHEDULE
NTS



3 SCALE 1 : 100
Plant Zone North Elevation

This drawing to be read in conjunction with all relevant consultants, sub-contractors and specialists drawings.

All dimensions and levels are to be checked on site before any construction begins and any discrepancies are to be reported to the relevant Project Manager.

Partial Service : Any discrepancies or any other information are to be advised to the relevant Project Manager and direction sought before the implementation of the detail.

Responsibility is not accepted for errors made by others in scaling from this drawing. All construction information should be taken from figured dimensions only. Any error or omission should be reported to CMC Projekt

Rev	Date	Description	By
3	22.06.2026	HVAC updated	DJ
2	08.05.2026	Plant updated	DJ
1	08.05.2026	Revised after comments	AZ
0	30.04.2026	Initial issue	DJ

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drawn by:

DJ

checked by:

PS

CMC projekt

CMC Projekt Europe Sp. z o.o.

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drawing title:

External Plant zone planning - Elevations

drawing number:

TKM_WRT_C50_PLANT

project status:

PLANNING

scale:

1 : 100

@A1

revision:

3.

date:

June 2026