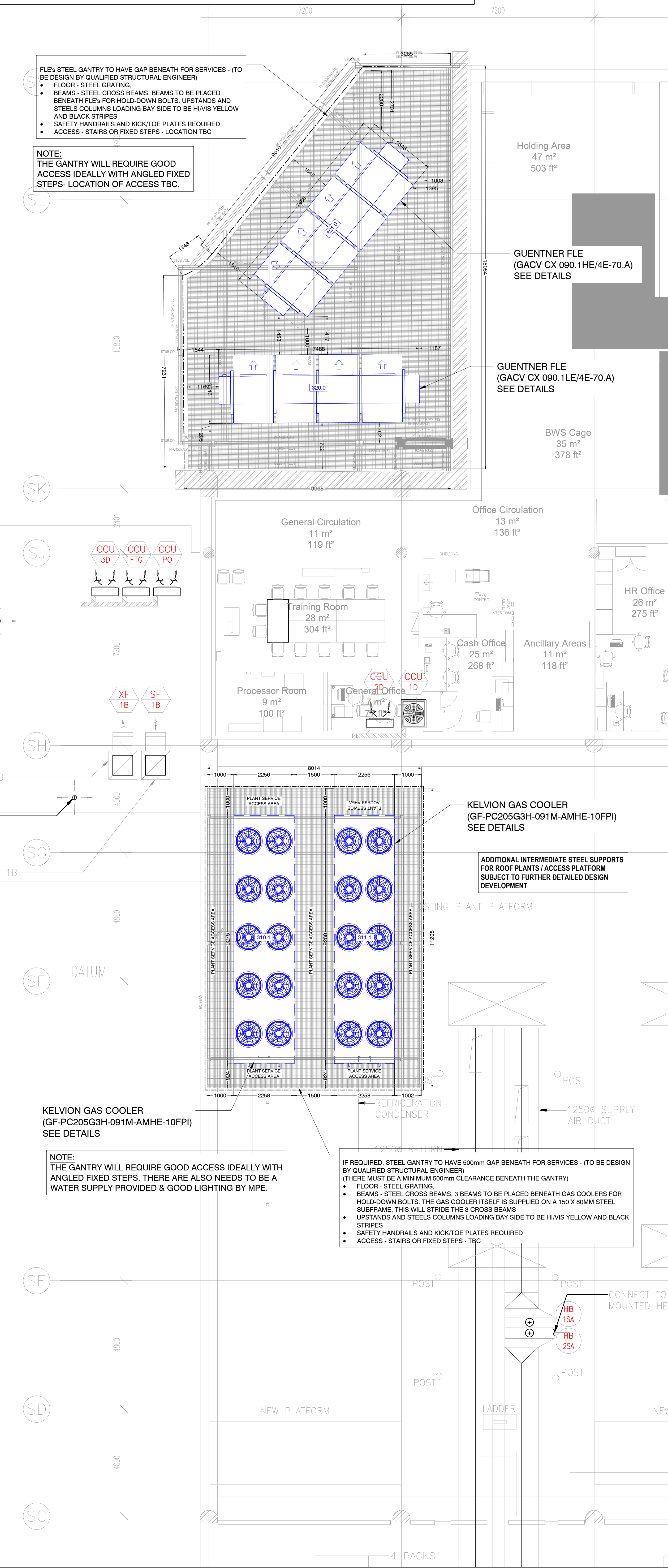
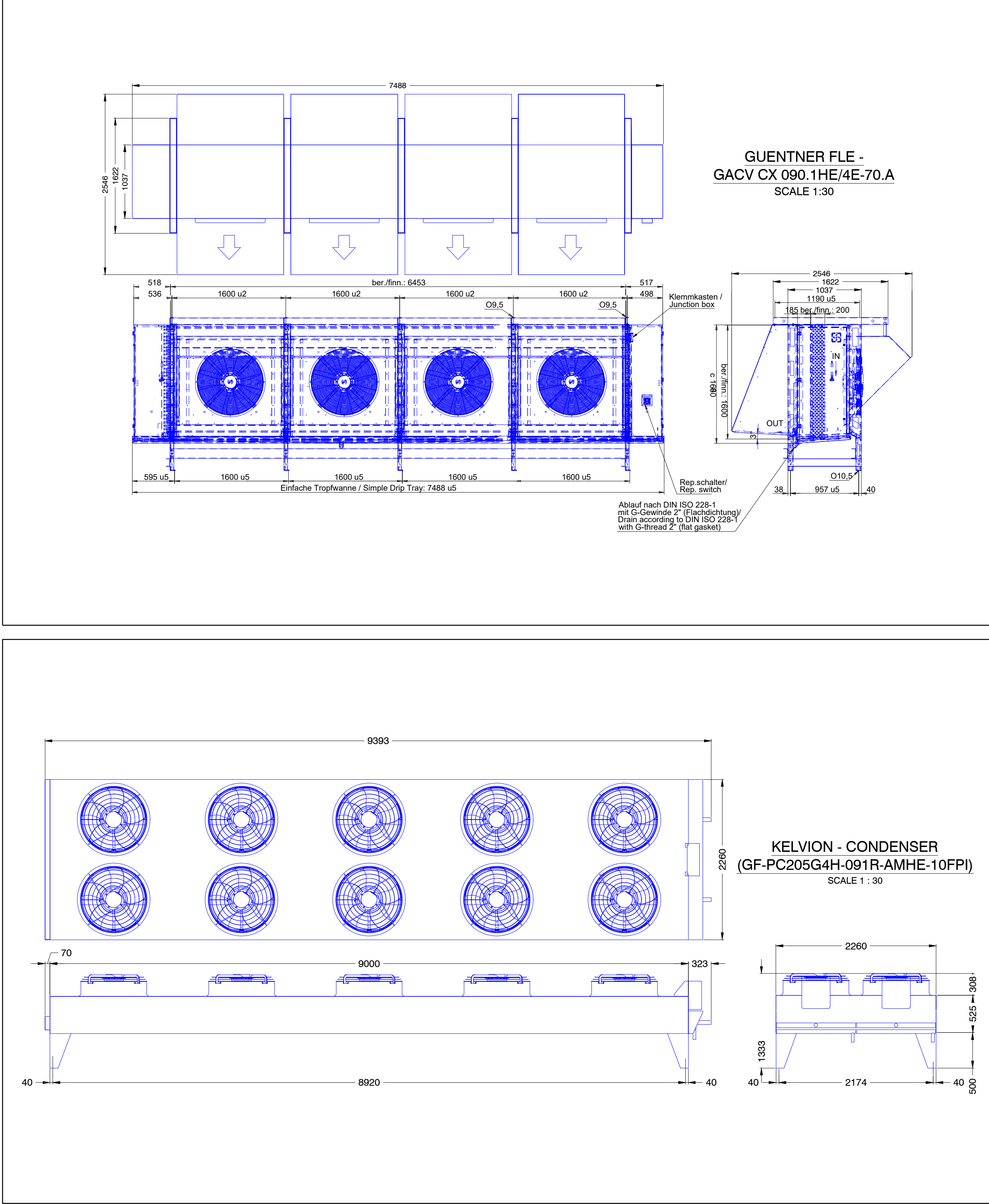
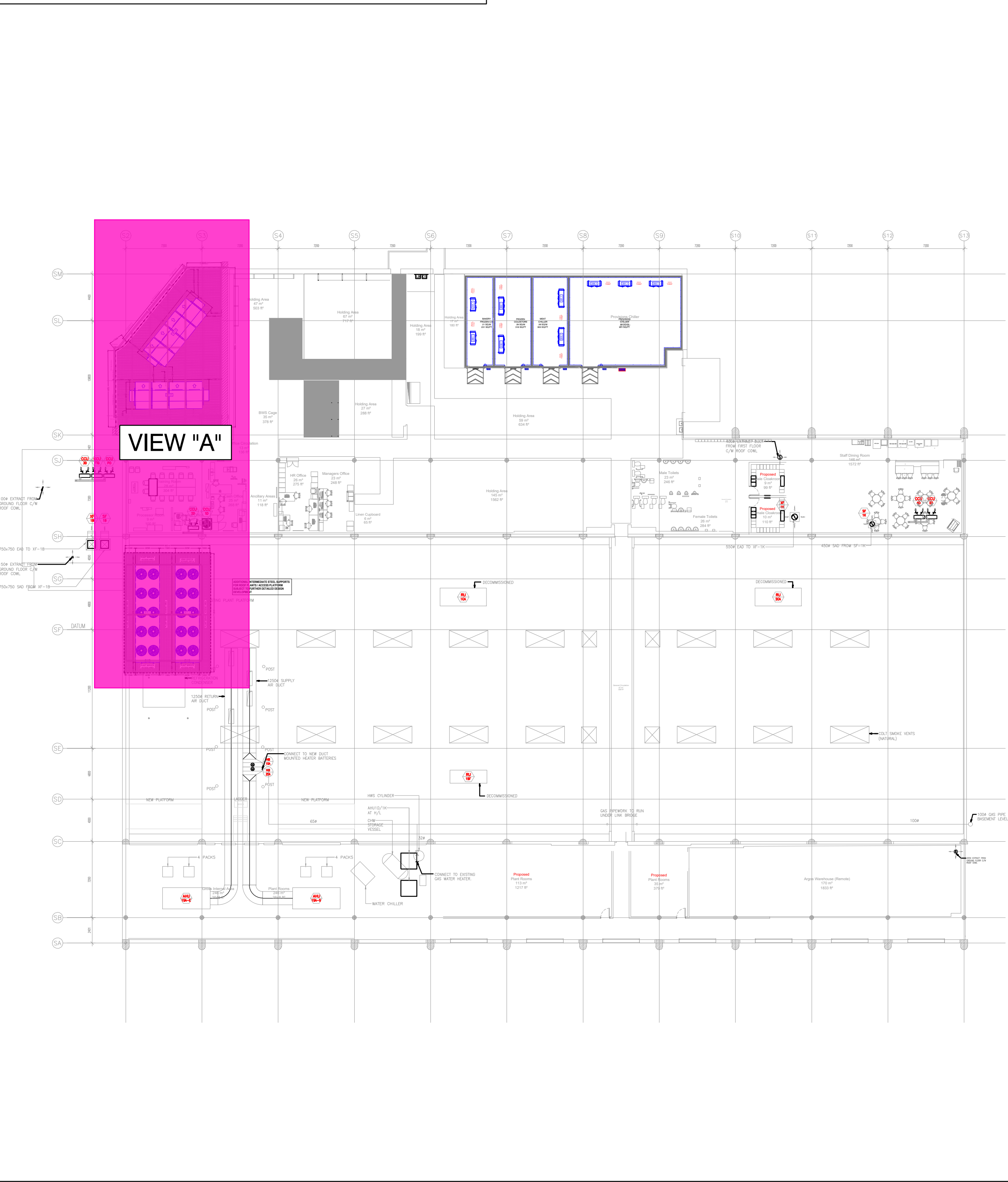


PROPOSED FLE' @ FIRST FLOOR LEVEL
GAS COOLER LAYOUT ON GANTRY @ ROOF DECK LEVEL
VIEW "A" @ 1:75



KEY PLAN 1ST FLOOR/ ROOF DECK - NTS

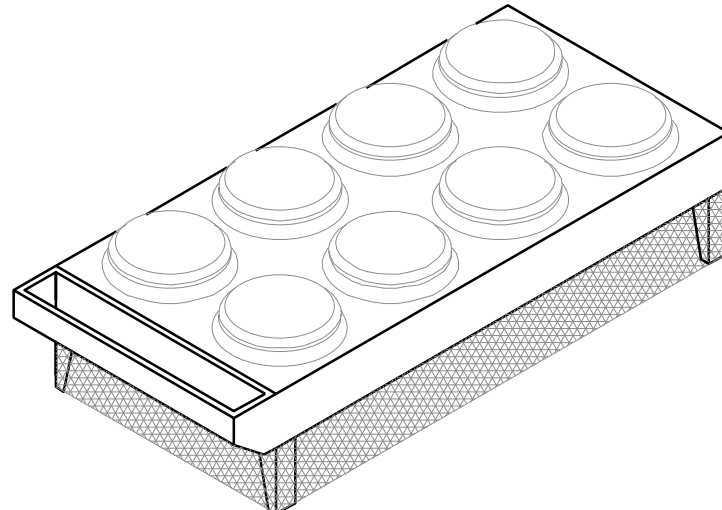


	PACK ID (3**)	SYSTEM REF (LT / LT / DT)	ASSET TAG NUMBER (SSL12345678) NO SPACES OR DASHES	ASSET TYPE	ASSET LOCATION	NEW / EXISTING	MANUFACTURER	MANUFACTURER MODEL REFERENCE	REFRIGERANT	FAN TYPE	Number of Fan Motors	Start Current Per Fan Motor (A)	Run Current Per Fan Motor (A)	SUPPLY VOLTAGE	DUTY (kW)	Air Volume Required (m3/h)	AMBIENT DESIGN TEMPERATURE (°C)	MAXIMUM DESIGN CONDENSING TEMPERATURE (°C)	TD (K)	OPERATIONAL WEIGHT (KG)	FIN MATERIAL	LENGTH (mm)	WIDTH (mm)	HEIGHT (mm)	Noise Rating dBA @ 10m Day Time
Condenser / Gas Cooler	310.1	LT/IT1	SSL06106458	GAS COOLER	ROOF	NEW	SEARLE	GF-PC205G3H-091M-AMHE- 10FPI	R744	EC	10	4.20	0.50	380-415	418.29	115.50	35	106	74	2000	CU/AlMg	9003	2260	1333	35
	311.1	IT/LT2	SSL06106459	GAS COOLER	ROOF	NEW	SEARLE	GF-PC205G3H-091M-AMHE- 10FPI	R744	EC	10	4.20	0.50	380-415	418.29	115.50	35	106	74	2000	CU/AlMg	9003	2260	1333	35

Dual Temperature False Load Evaporator Refrigeration Plant Details (CO2 BOOSTER SYSTEM DETAILS).

PACK ID (3**)	SYSTEM REF (LT / IT / DT)	ASSET TAG NUMBER (SSL12345678) NO SPACES OR DASHES	ASSET TYPE	ASSET LOCATION	NEW / EXISTING	MANUFACTURER	MANUFACTURER MODEL REFERENCE	REFRIGERANT	FAN TYPE	Number of Fan Motors	Start Current Per Fan Motor (A)	Run Current Per Fan Motor (A) at Design	Air Velocity m/s	SUPPLY VOLTAGE	DESIGN DUTY (kW)	DESIGN AMBIENT TEMPERATURE (°C)	EVAP TEMPERATURE (°C)	DESIGN TD (K)	OPERATIONAL WEIGHT (KG)	FIN MATERIAL	LENGTH (mm)	WIDTH (mm)	HEIGHT (mm)	Noise Power Level dBA	Noise Rating dBA @ 3m
320.0	LT/IT1	SSL06106460	REFRIGERATION FALSE LOAD EVAP	ROOF	NEW	GUENTNER	GACV CX 090.1HE/4E-70.A	R744	EC	4	2.80	0.57	2.50	400V-3Ph-50Hz	125.0	-5	-9	8	1891	Cu/Av with Blygold	7488	2193	2141	59	59
321.0	LT/IT2	SSL06106461	REFRIGERATION FALSE LOAD EVAP	ROOF	NEW	GUENTNER	GACV CX 090.1HE/4E-70.A	R744	EC	4	2.80	0.57	2.50	400V-3Ph-50Hz	125.0	-5	-9	8	1891	Cu/Av with Blygold	7488	2193	2141	59	59

PROTECTION NETTING SYSTEM



PROTECTION NETTING SYSTEM

PROTECTIVE NETTING TO BE INSTALLED ON 3 SIDES OF GAS COOLER WHEN LOCATED AT GROUND FLOOR LEVEL.

WHEN GAS COOLER IS LOCATED ON 1ST FLOOR OR MEZZANINE LEVEL WITH THE UNDERSIDE EXPOSED; PROTECTIVE NETTING IS REQUIRED TO BE INSTALLED BELOW IN ADDITION TO THE 3 SIDES.

PROTECTIVE NETTING INSTALLED TO STOP DEBRIS FROM BEING COLLECTED ON THE UNDERSIDE OF THE GAS COOLER WHICH CAUSES RESTRICTION IN AIR FLOW

PROTECTIVE NETTING TO BE INSTALLED BY MAIN CONTRACTOR

PROTECTION NETTING SYSTEM TO CONSIST OF 12/6. KNOTTED HIGH DENSITY POLYTHENE ULTRAVIOLET NET.

NETTING SYSTEM TO BE INSTALLED WITH ACCESS ZIPS TO BE PROVIDED FOR FUTURE MAINTENANCE USE.

NETTING SYSTEM MUST BE INSTALLED WITH ADEQUATE SUPPORT TO PREVENT SAGGING.

NETTING FIXING METHOD MUST BE APPROVED BY PLANT SUPPLIER/REFRIGERATION D&I CONTRACTOR.

- NOTES
- A SMOOTH AND LEVEL BASE CONCRETE PLINTH REQUIRED FOR REFRIGERATION PLANT AND AC OUTDOOR UNITS - TO BE PROVIDED BY THE BUILDER. PROPOSED NEW PLANT PLINTH, NEW PLINTHS TO BE DOWELED TO EXISTING. PLINTHS TO PROVIDE A FLAT & LEVEL BASE FOR NEW PLANT. ALL PLINTH DIMENSIONS ARE APPROXIMATE, TO BE CONFIRMED BY BUILDER.
- B AC UNIT - REQUIRED TO BE MOUNTED ON SUITABLE ANTI-VIBRATION PAD.
- C COMPRESSOR PACK - TO BE MOUNTED ON SUITABLE ANTI-VIBRATION MOUNT.
- D CONDENSER - TO BE MOUNTED ON SUITABLE ANTI-VIBRATION PAD.
- E MINIMUM PLANT AREA FENCE TO BE 2.4M HIGH.
- F CONDENSERS ARE SUPPLIED WITH ISOLATOR & CONTROL PANEL ON THE PIPE END, UNLESS OTHERWISE STATED.

ALL WORK TO COMPLY WITH THE LATEST SAINSBURY'S REFRIGERATION SPECIFICATION

RDM PANEL (INDICATIVE LOCATION)

04	Refrigeration plant arrangement layout revised.	VA	12.05.2023
03	Gas cooler arrangement amended.	VA	26.04.2023
02	Refrigeration Plants location amended.	VA	25.04.2023
01	Refrigeration plant gantry and pack relocated as shown.	VA	06.03.2023
00	Preliminary Issue.	VPA	16.02.2023