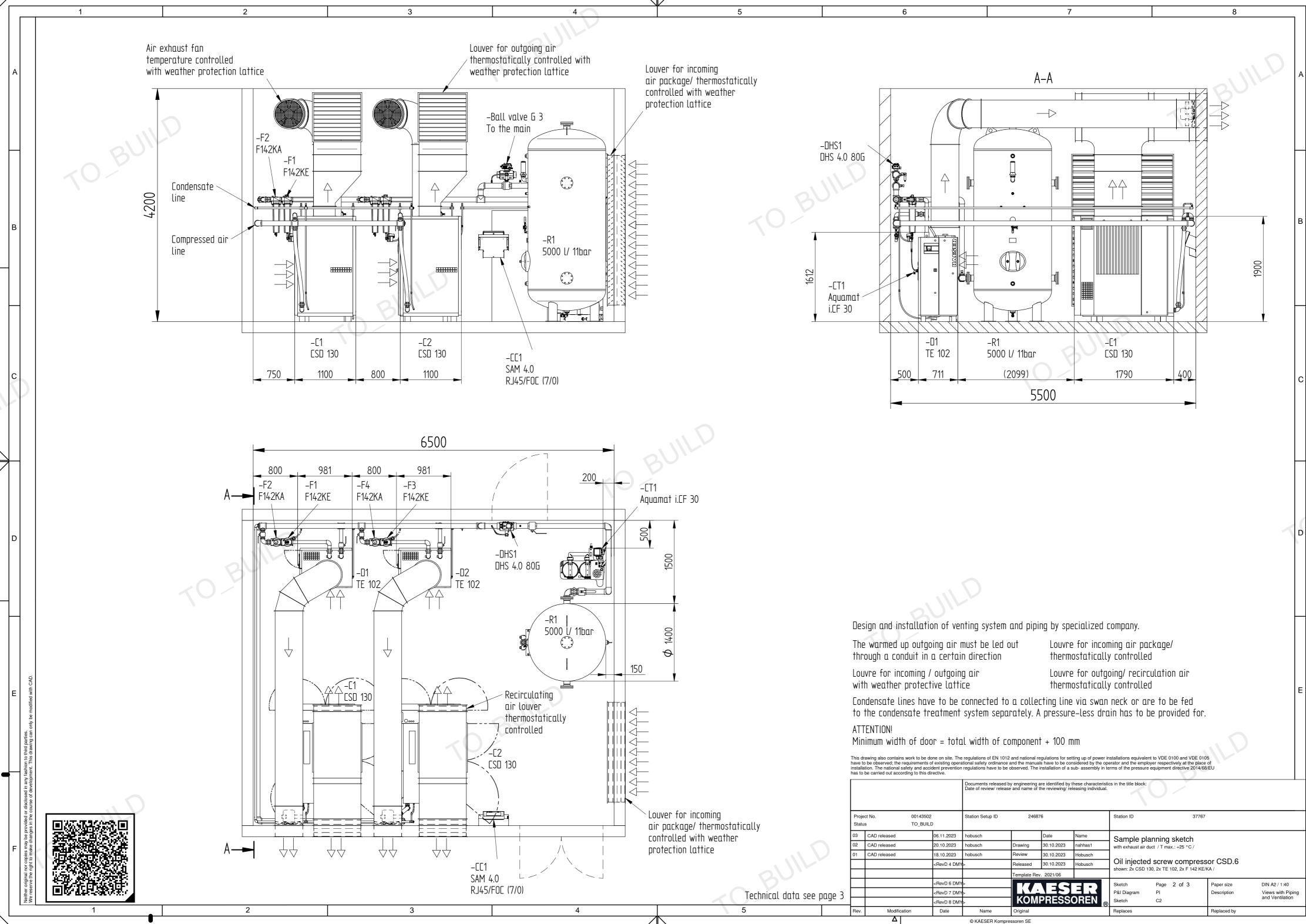


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03	CAD released 06.11.2023 CAD released 20.10.2023			hobusch		Date	Name	Sample pla	nning sketch		
02	CAD released	2	20.10.2023	hobusch	Drawing	30.10.2023	nahhas1		ct / T max.: +25 °C /		
01			18.10.2023	hobusch	Review	30.10.2023	Hobusch				
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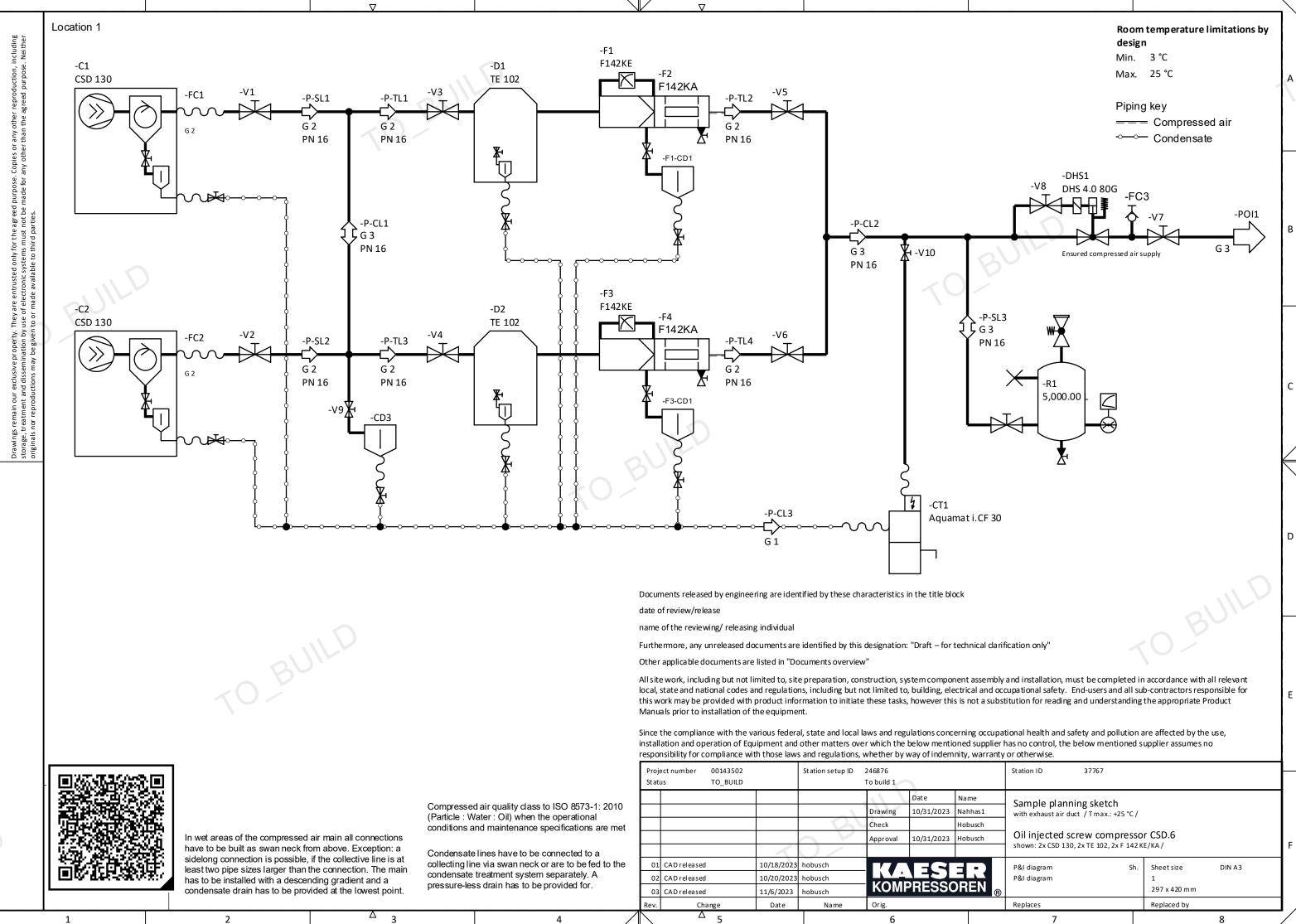
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		02	CAD released	20.10	0.2023	hobusch	Drawing	30.10.2023	nahhas1	with exhaust air due				
		01	CAD released	18.10	0.2023	hobusch	Review	30.10.2023	Hobusch					
				<rev< td=""><td>vD 4 DMY</td><td>&gt;</td><td>Released</td><td>30.10.2023</td><td>Hobusch</td><td>Oil injected shown: 2x CSD 130</td><td></td><td></td><td></td><td></td></rev<>	vD 4 DMY	>	Released	30.10.2023	Hobusch	Oil injected shown: 2x CSD 130				
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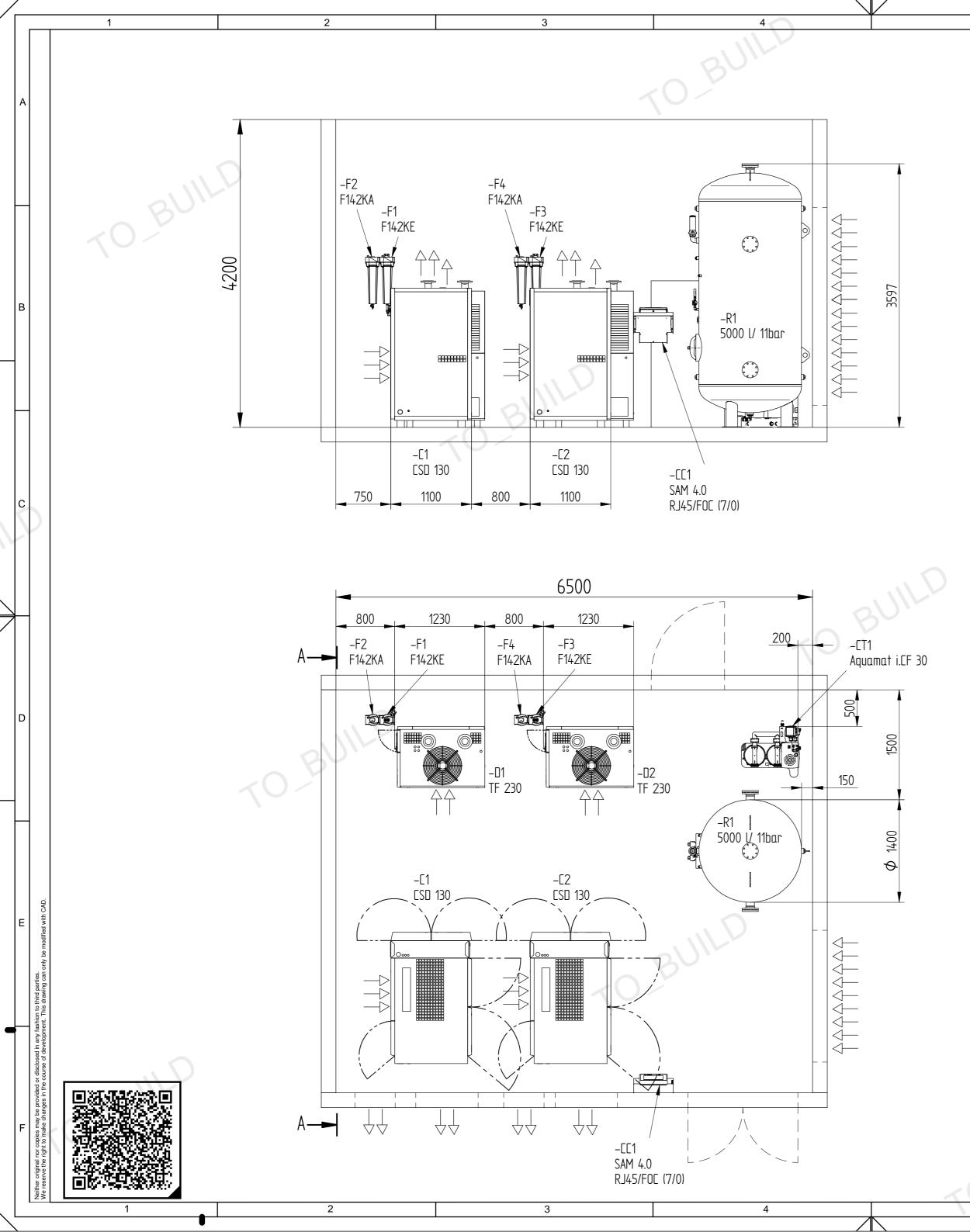
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Α	model	pressure	air con-	cross section per unit	volume per unit	cross section) per unit	for exhaust	collective line	ECO- DRAIN	model	air con-	per unit	per unit	controlled)	Extra	air con-	DRAIN	Adsorption	air con-	receiver	air connection	control	charging system	air con-	system AQUAMAT	A
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	CSD 130	8.5	G 2	1.8	11720	0.6	60	G 3	32	TE 102	G 2	0.4	3040	3040	F 142 KE	G 2	31 F	F 142 KA	G 2	5000	DN 100	SAM 4.0	DHS 4.0 80G	G 3	i.CF 30	]]
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ter origins		6 19H 9	875.					collect to the	ting line vi condensat	a swan neck te treatment	t or are to t system se	be fed			RevD 7 DMY> RevD 8 DMY>			KALE KOMPRE	SE SSORI	Γ.	&I Diagram I	PI C2	Description			
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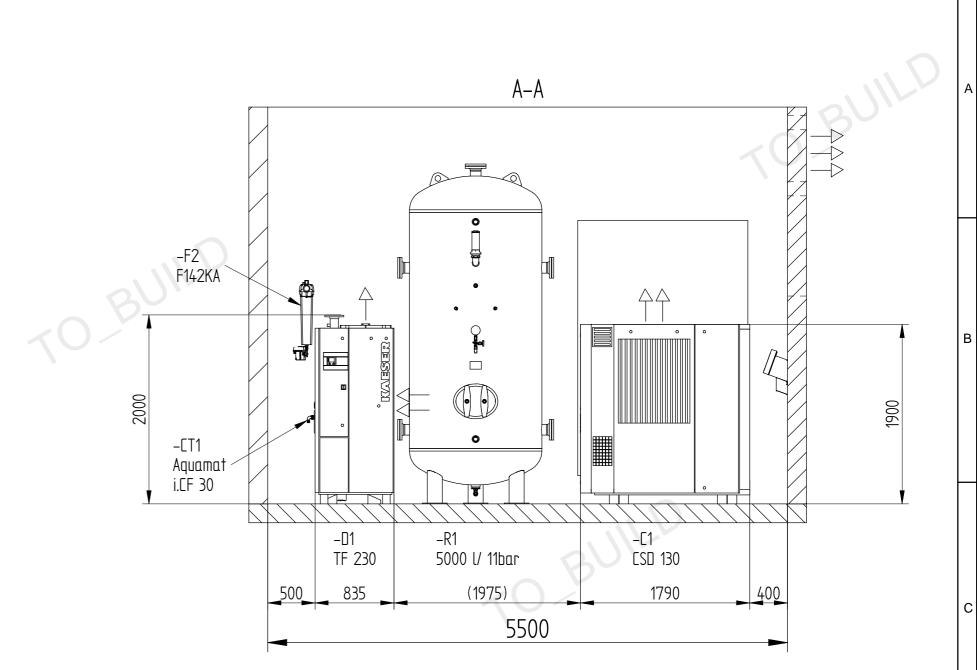
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	shown: 2x CSD 130	), 2x TE 102, 2x F 142	2 KE/KA /		F					
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7

Design and installation of venting system and piping by specialized company.

The warmed up outgoing air must be led out through a conduit in a certain direction

Louvre for incoming air package/ thermostatically controlled 8

D

Louvre for incoming / outgoing air with weather protective lattice

6

Louvre for outgoing/ recirculation air thermostatically controlled

Condensate lines have to be connected to a collecting line via swan neck or are to be fed to the condensate treatment system separately. A pressure-less drain has to be provided for.

ATTENTION!

Minimum width of door = total width of component + 100 mm

This drawing also contains work to be done on site. The regulations of EN 1012 and national regulations for setting up of power installations equivalent to VDE 0100 and VDE 0105 have to be observed; the requirements of existing operational safety ordinance and the manuals have to be considered by the operator and the employer respectively at the place of installation. The national safety and accident prevention regulations have to be observed. The installation of a sub- assembly in terms of the pressure equipment directive 2014/68/EU has to be carried out according to this directive.

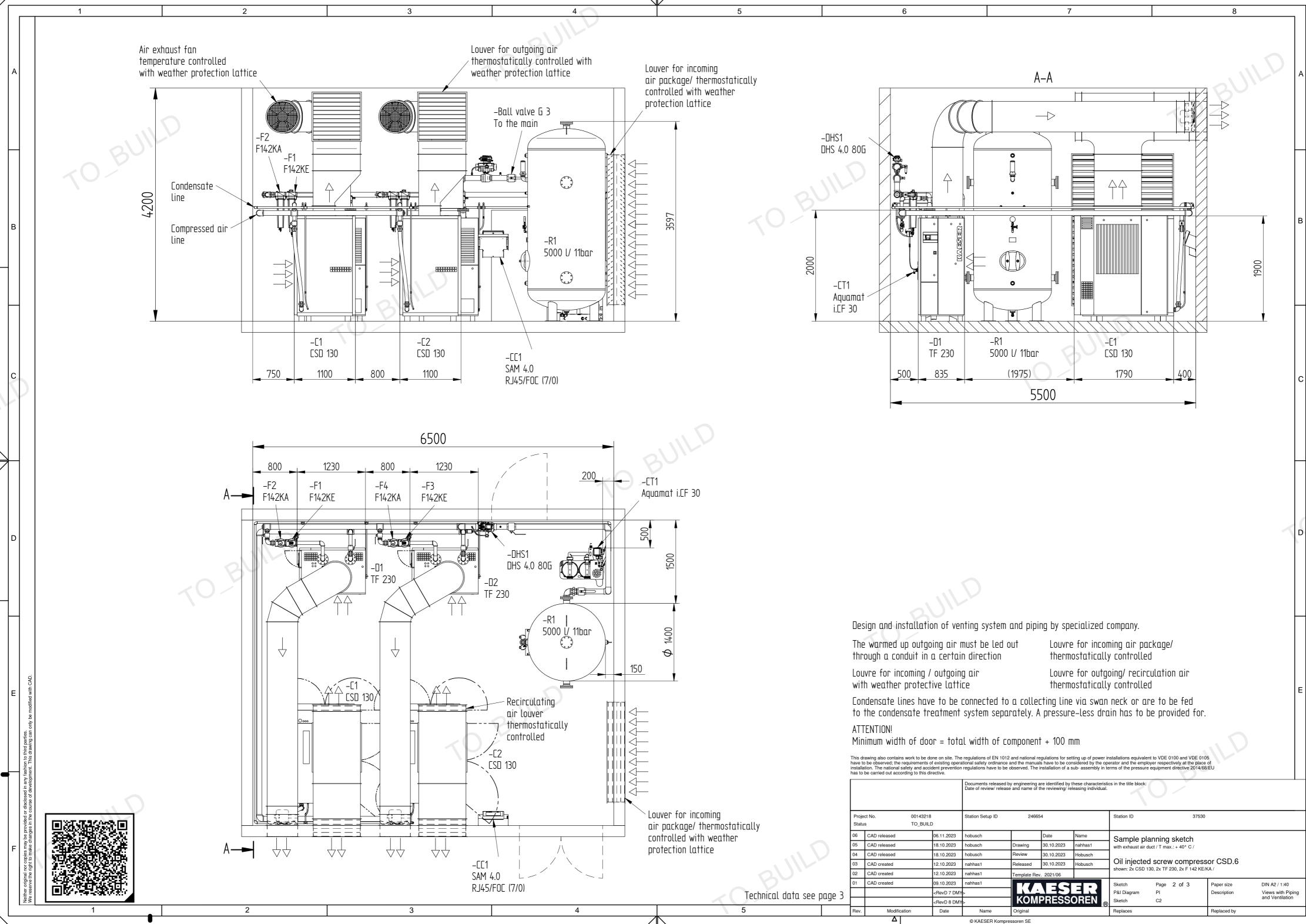
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Proje Statu		0143218 O_BUILD		Station Setup ID	24665	4		Station ID	37530		
06	CAD released	0	06.11.2023	hobusch		Date	Name	Sample pla	nning sketch		
05	5 CAD released 18.10.202			hobusch	Drawing	30.10.2023	nahhas1		ct / T max.: + 40° C /		
04				hobusch	Review	30.10.2023	Hobusch				
03	CAD created	1	2.10.2023	nahhas1	Released	30.10.2023	Hobusch	,	screw compress		
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Technical data see page 3

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	06	CAD released	06.11.2023	hobusch		Date	Name	Sample pla	nning sketch			
	05	CAD released	18.10.2023	hobusch	Drawing	30.10.2023	nahhas1		ct / T max.: + 40° C /			
	04	CAD released	18.10.2023	hobusch	Review	30.10.2023	Hobusch					
	03	CAD created	12.10.2023	nahhas1	Released	30.10.2023	Hobusch		screw compress			
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A	Compressor model	Working pressure	presseu	Air entrance aperture free cross section per unit	air		overall pressure loss for exhaust	Com- pressed air collective line		model	pressed air con-	Air entrance aperture (free cross section) per unit	air volume per unit	Exhaust air fan (thermo- statically controlled)	Filter Extra	Com- pressed air con-	ECO- DRAIN	Filter Adsorption	Com- pressed air con- nection	Air receiver	Compressed air connection	Control	Air main charging system	Com- pressed air con- nection	Condensate treatment system AQUAMAT	:
	CSD 90 CSD 110	[bar(g)] 8.5 8.5	G 2 G 2	[m <sup>2</sup> ] 1.2 1.4	[m <sup>3</sup> /h] 8510 10110	[m <sup>2</sup> ] 0.6 0.6	duct per unit [Pa] 80 80	(two units) G 3 G 3	a) 32 32	TE 142 TF 230	G 2 DN 80	b) [m <sup>2</sup> ] 0.4 0.6	b) [m <sup>3</sup> /h] 3040 6000		F 83 KE F 110 KE	G 2 G 2	a) 31 F 31 F	F 83 KA F 110 KA	G 2 G 2	[I] 3000 5000	G 2 1/2 DN 100	SAM 4.0	DHS 4.0 80G DHS 4.0 80G	G 3 G 3	a) i.CF 30 i.CF 30	_
B	CSD 130 a) Climatic zor b) Values inclu		G2	1.8 nixed air from the				G3	32	TF 230	DN 80				F 142 KE	G 2	31 F	F 142 KA	<u>G2</u>	5000	DN 100	SAM 4.0	DHS 4.0 80G		i.CF 30	в
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aer original			<b>S</b>					collec to the	cting line v e condenso	es have to be via swan neck ate treatment s drain has to	k or are to t system se	) be fed eparately.		<	09.10.2023 <revd 7="" dmy=""> <revd 8="" dmy=""> Date</revd></revd>	Name © KAESER	Orig		<b>SE</b> SSORI	EN ® S	ketch Pa &I Diagram PI ketch Ca eplaces		Paper size Description Replaced by		N A3 / 1:40	

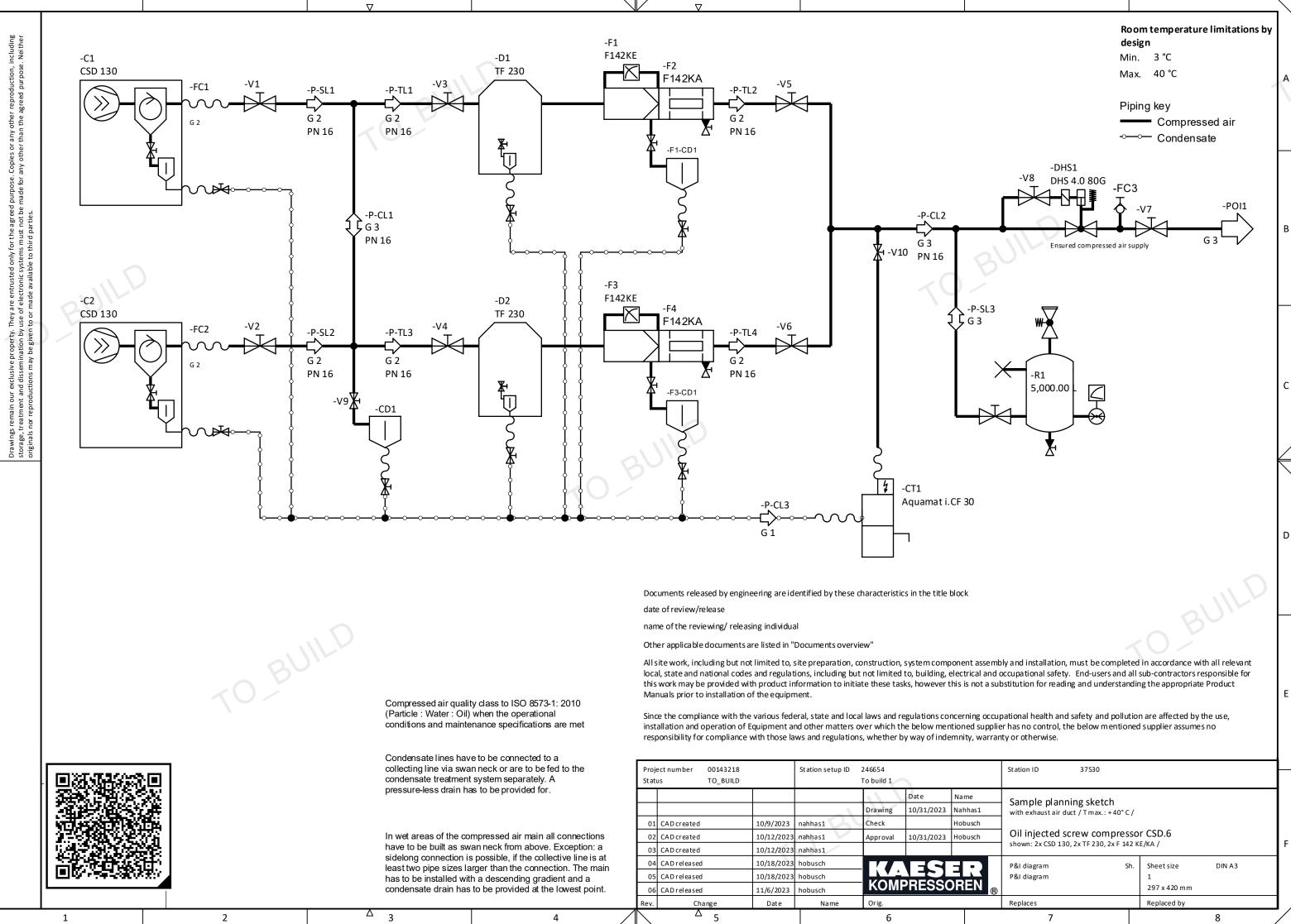
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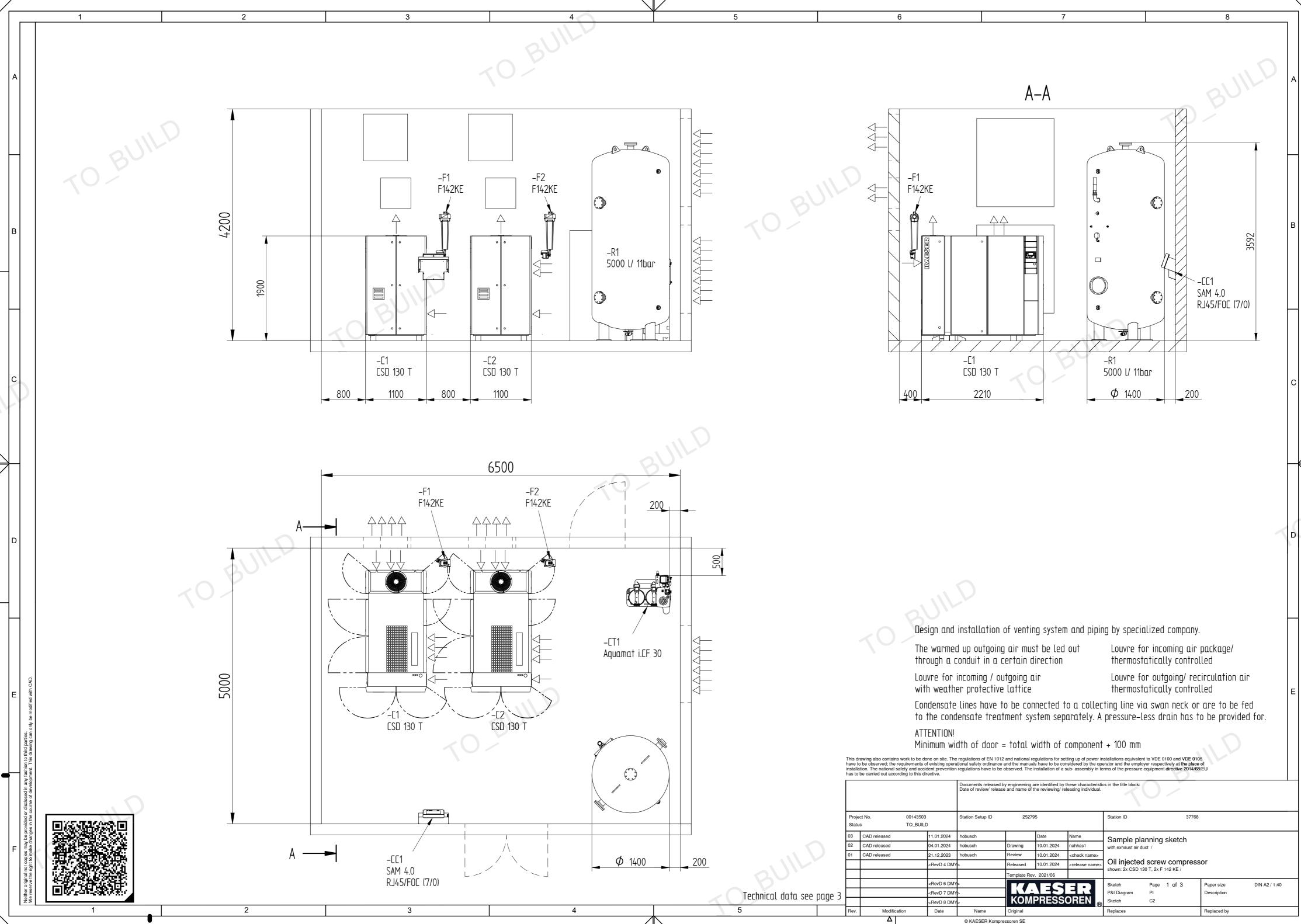
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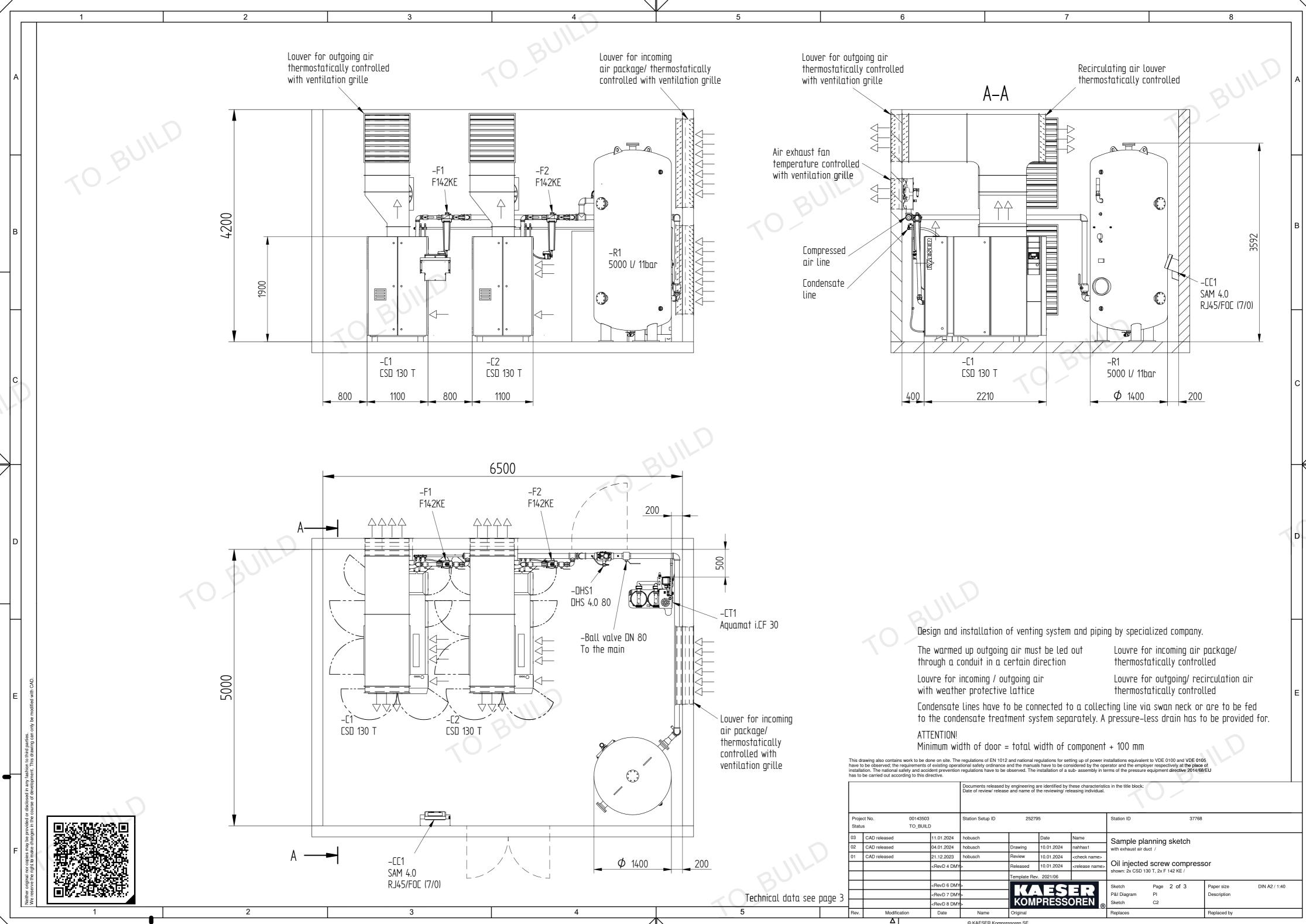


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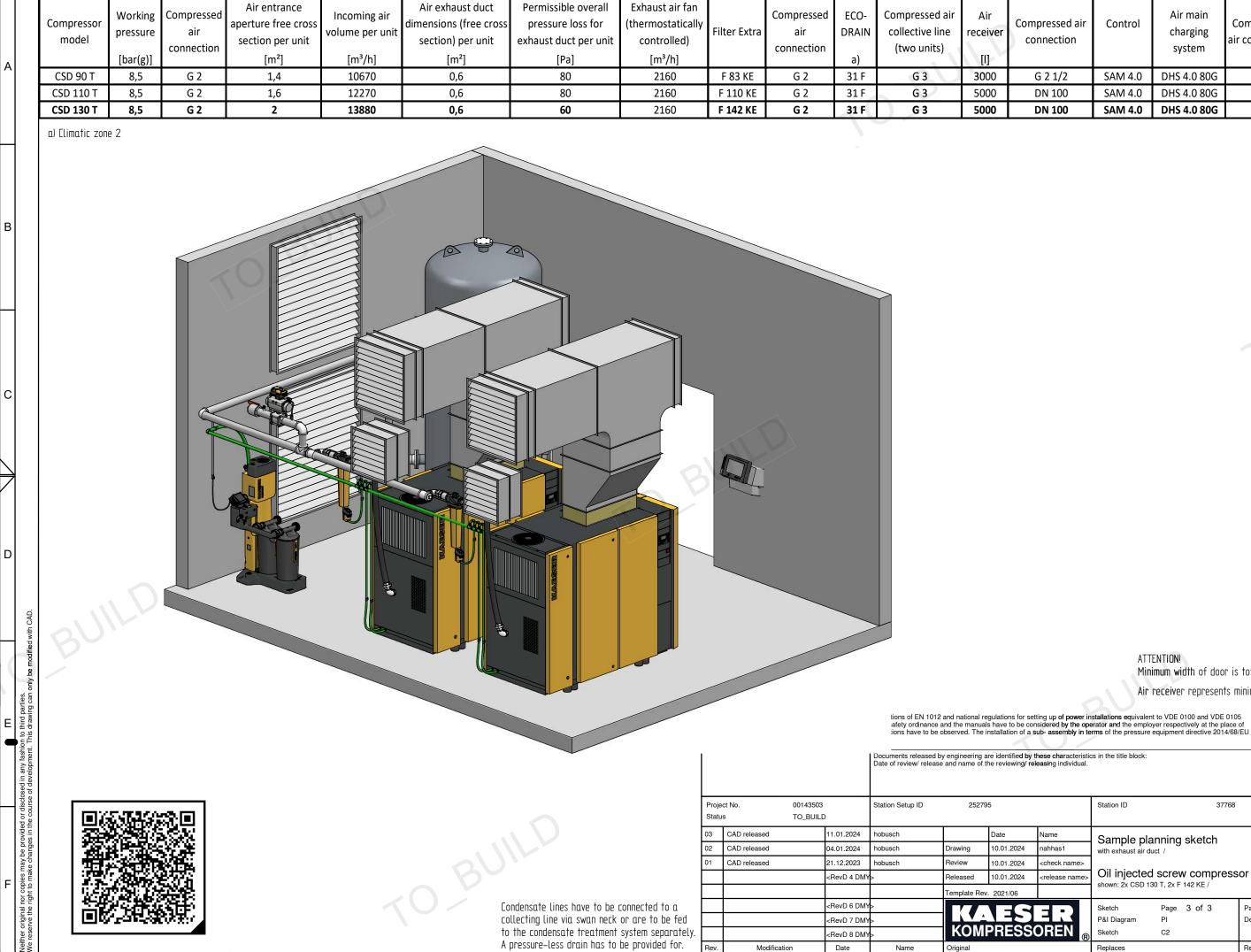




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02	CAD released	04.01.2024	hobusch	Drawing	10.01.2024	nahhas1	with exhaust air du	•		
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sed air tion	Control	Air main charging system	Compressed air connection	Condensate treatment system AQUAMAT a)	A
/2	SAM 4.0	DHS 4.0 80G	G 3	i.CF 30	
00	SAM 4.0	DHS 4.0 80G	G 3	i.CF 30	
00	SAM 4.0	DHS 4.0 80G	G 3	i.CF 30	

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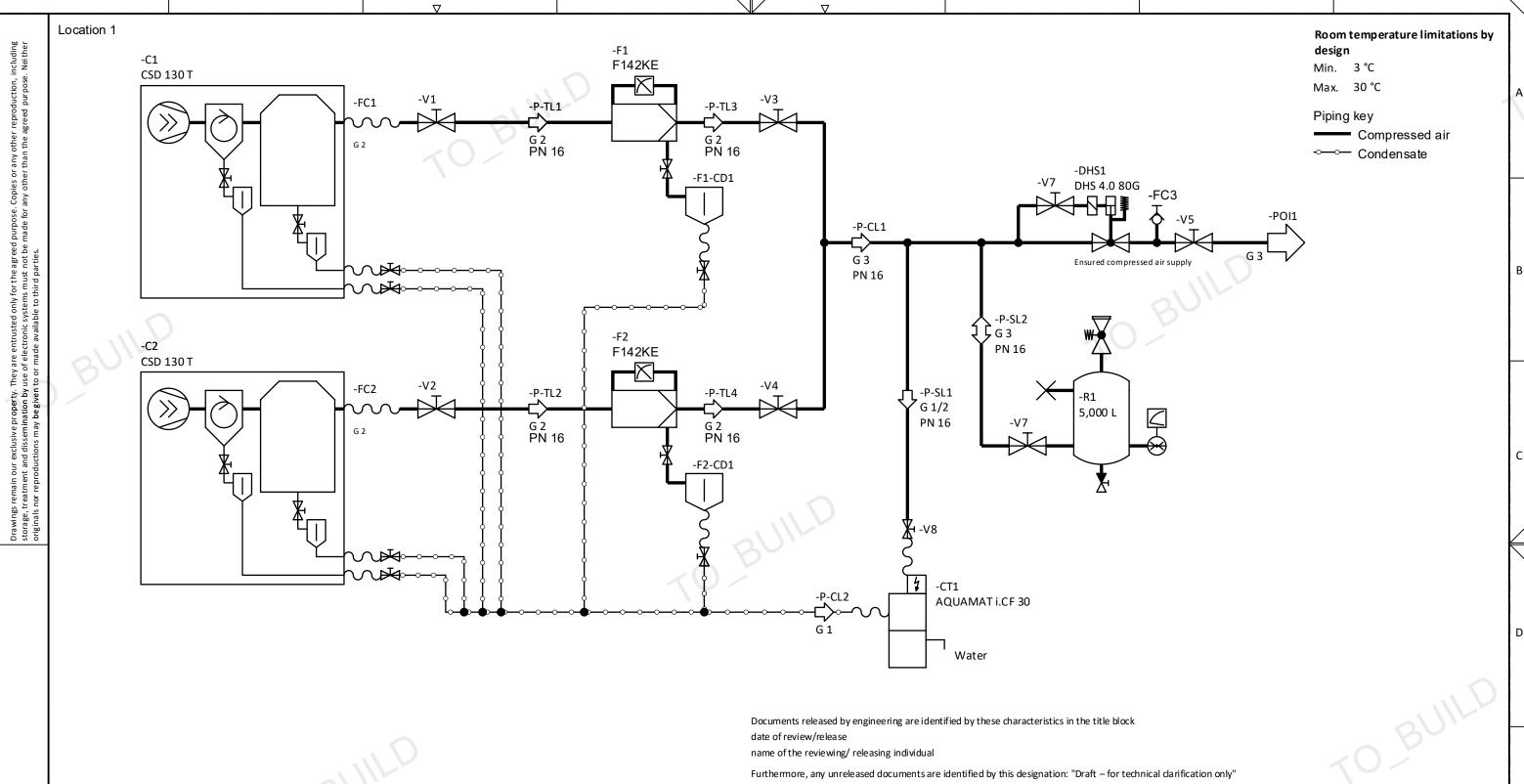
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ATTENTION! Minimum width of door is total component width + 100 mm Air receiver represents minimum recommended size.

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se name>	Oil injected			or		F
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	Sketch	Page	3 of 3	Paper size	DIN A3 / 1:40	
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Documents released by engineering are identified by these characteristics in the title block date of review/release

name of the reviewing/ releasing individual

Furthermore, any unreleased documents are identified by this designation: "Draft - for technical clarification only" Other applicable documents are listed in "Documents overview"

All site work, including but not limited to, site preparation, construction, system component assembly and installation, must be completed in accordance with all relevant local, state and national codes and regulations, including but not limited to, building, electrical and occupational safety. End-users and all sub-contractors responsible for this work may be provided with product information to initiate these tasks, however this is not a substitution for reading and understanding the appropriate Product Manuals prior to installation of the equipment.

Since the compliance with the various federal, state and local laws and regulations concerning occupational health and safety and pollution are affected by the use, installation and operation of Equipment and other matters over which the below mentioned supplier has no control, the below mentioned supplier assumes no responsibility for compliance with those laws and regulations, whether by way of indemnity, warranty or otherwise.

	Proje Statu	ect number 00143503 us TO_BUILD		Station setup ID	252795 To build 1		
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	01	CAD r el ea s ed	12/21/2023	hobusch		ES	
	02	CADreleased	1/4/2024	hobusch			
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In wet areas of the compressed air main all connections have to be built as swan neck from above. Exception: a sidelong connection is possible, if the collective line is at least two pipe sizes larger than the connection. The main has to be installed with a descending gradient and a condensate drain has to be provided at the lowest point.

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Compressed air quality class to ISO 8573-1: 2010 (Particle : Water : Oil) when the operational conditions and maintenance specifications are met

Condensate lines have to be connected to a collecting line via swan neck or are to be fed to the condensate treatment system separately. A pressure-less drain has to be provided for.

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	Station ID 37768				┡
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e	Sample planning sketch				
as1	with exhaust air duct /				
sch					
sch	Oil injected screw compres	so	r		Ι.
	shown: 2x CSD 130 T, 2x F 142 KE /				F
2	P&I diagram S	h.	Sheet size	DIN A3	
	P&I diagram		1		
N ®			297 x 420 mm		
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	Rul Kürzel	P&I abbrevations
С	Kompressor	compressor
FC	Schlauchleitung / Axialkompensator	hose lline / axial compensator
V	Ventil	valve
D	Drucklufttrockner	dryer
F	Filter	filter
R	Behälter	reciever
DHS	Druckhaltesystem	air main charging system
СТ	Kondensataufbereitungssystem	condensate treatment system
Р	Übergabepunkte (Angaben zu Druck, Durchmesser etc.)	point of interest (diameter, pressure, etc.)
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