



Serie	DHAD/UC
Model	212


Drawing code	HF620C0842S	Controller	PC01
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Power supply	400V/3~/50Hz + N	-
Auxiliary supply	24VAC	-

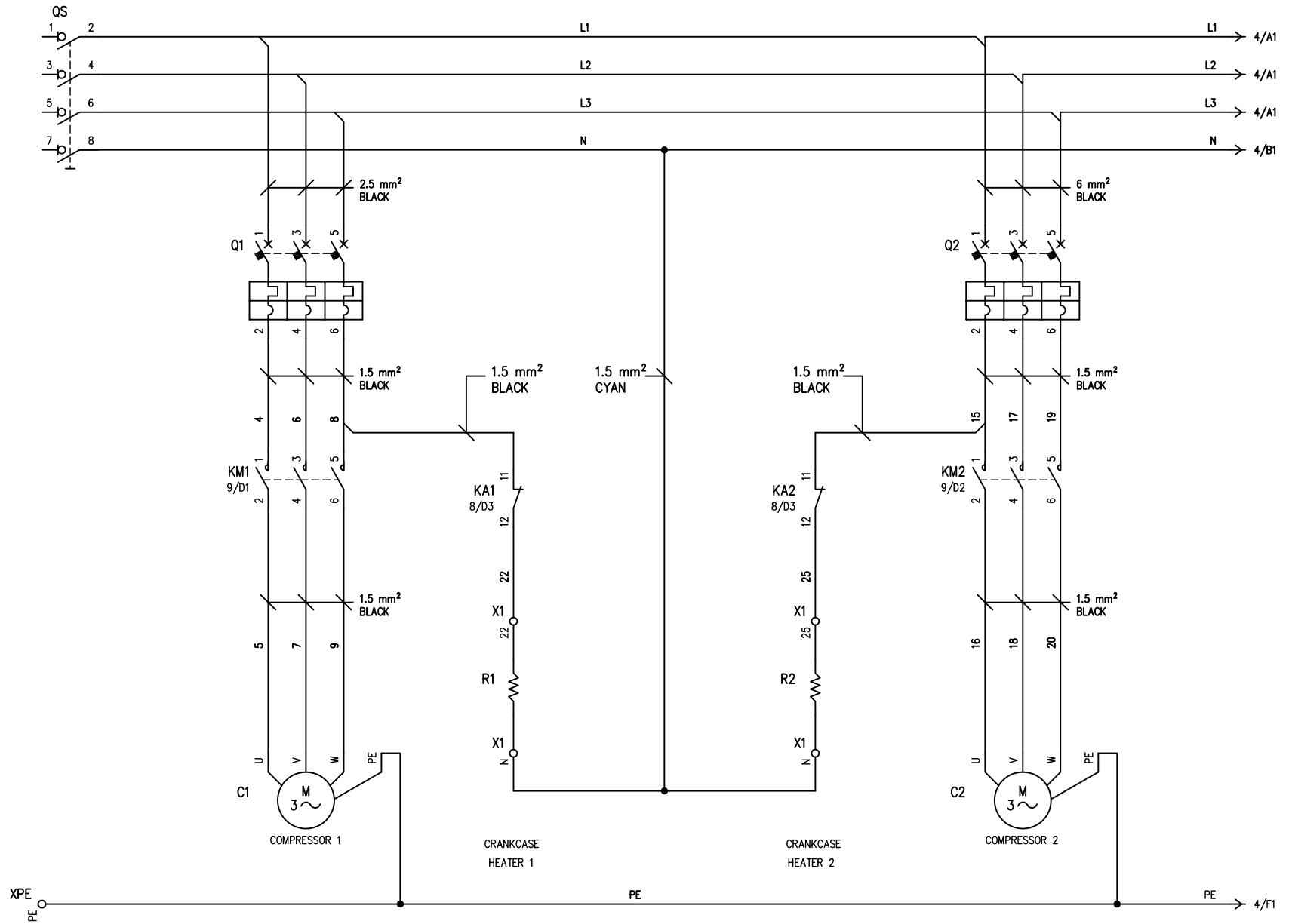
Created by	N.C.1	Revision by	N.C.1	Index	A
Date	07/06/2008	On	21/07/2008		

Max power (kW)	SEE TABLE ON PAGE 2
FLA (A)	SEE TABLE ON PAGE 2
RLA (A)	SEE TABLE ON PAGE 2

Main protection	SEE TABLE ON PAGE 2
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1	2		3	4	5	6		7		8		
MODEL	POWER SUPPLY	MAX ABSORBED POWER (kW)	MAX ABSORBED CURENT (A)	RLA (A)	MAIN SUGGEST PROTECTION gG FUSE TYPE	MIN SUGGEST CROSS SECTION LINE (mm <sup>2</sup> ) VS MAX LENGTH (m) AIR TEMPERATURE 30°C – MULTICORE CABLE – CABLE INSIDE TUBE ON AIR						
						PVC ISULATED		EPR (G7-G10) ISULATED				
						CABLE WORKING TEMPERATURE 70°C	MAX LENGTH VOLTAGE DROP<4%	CABLE WORKING TEMPERATURE 90°C	MAX LENGTH VOLTAGE DROP<4%			
212	LINE	15,4	30	65	40	10	140	6	80			
A	REVISIONE LAYOUT		21/07/2008	N.C.1	DATE 07/06/2008					SHEET 2 OF 31		
					DRAW. N.C.1					HF620C0842S		CONTINUE 3
REV.	MODIFICATIONS	DATE	SIGN.	APPR. M.M.	CHECK F.F.1							
1	2	3	4	5	6	7	8					

POWER SUPPLY  
400/3~ /50Hz + N

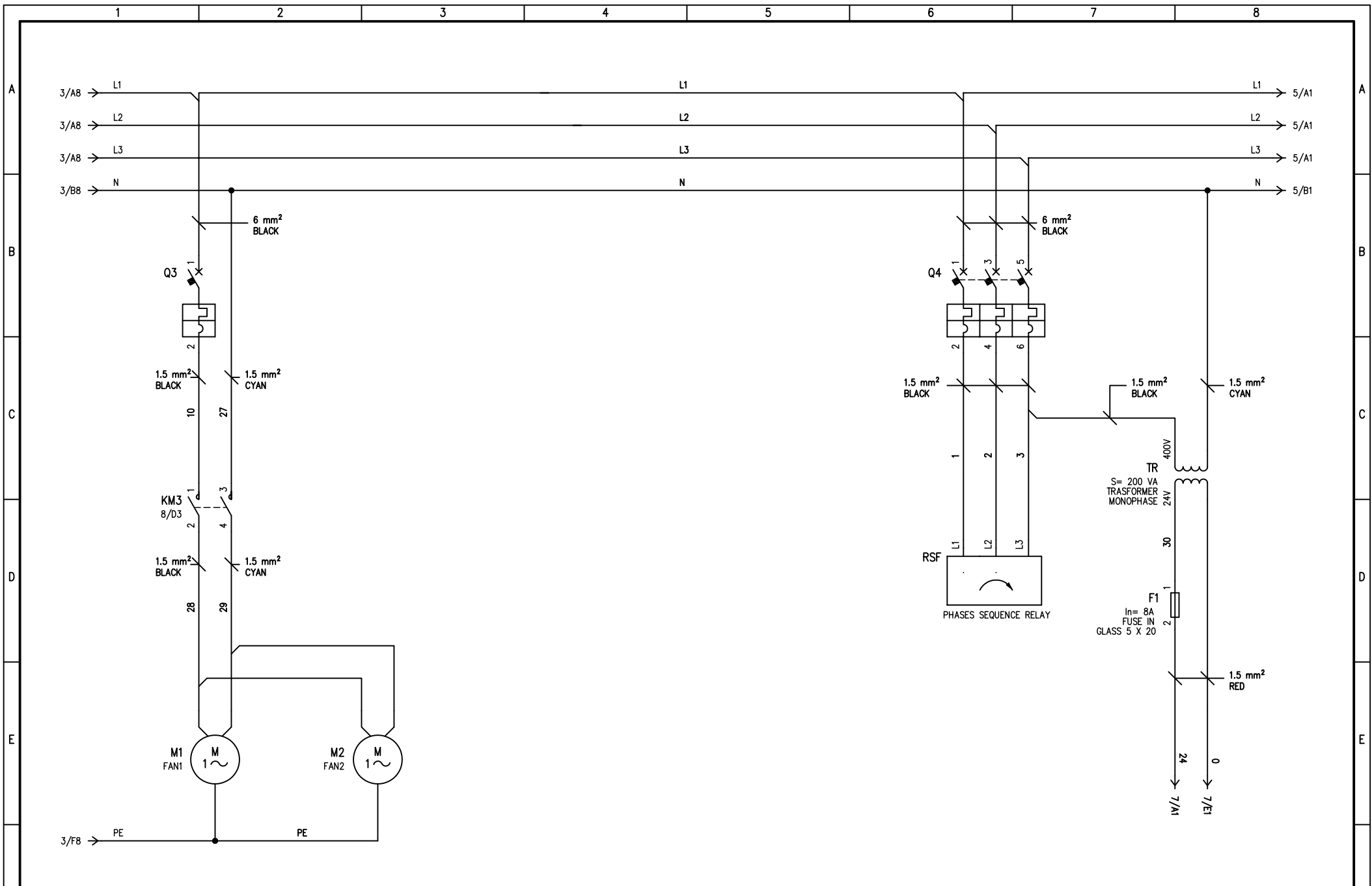


A	REVISIONE LAYOUT	21/07/2008	N.C.1	DATE 07/06/2008
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REV.	MODIFICATIONS	DATE	SIGN.	APPR. M.M.

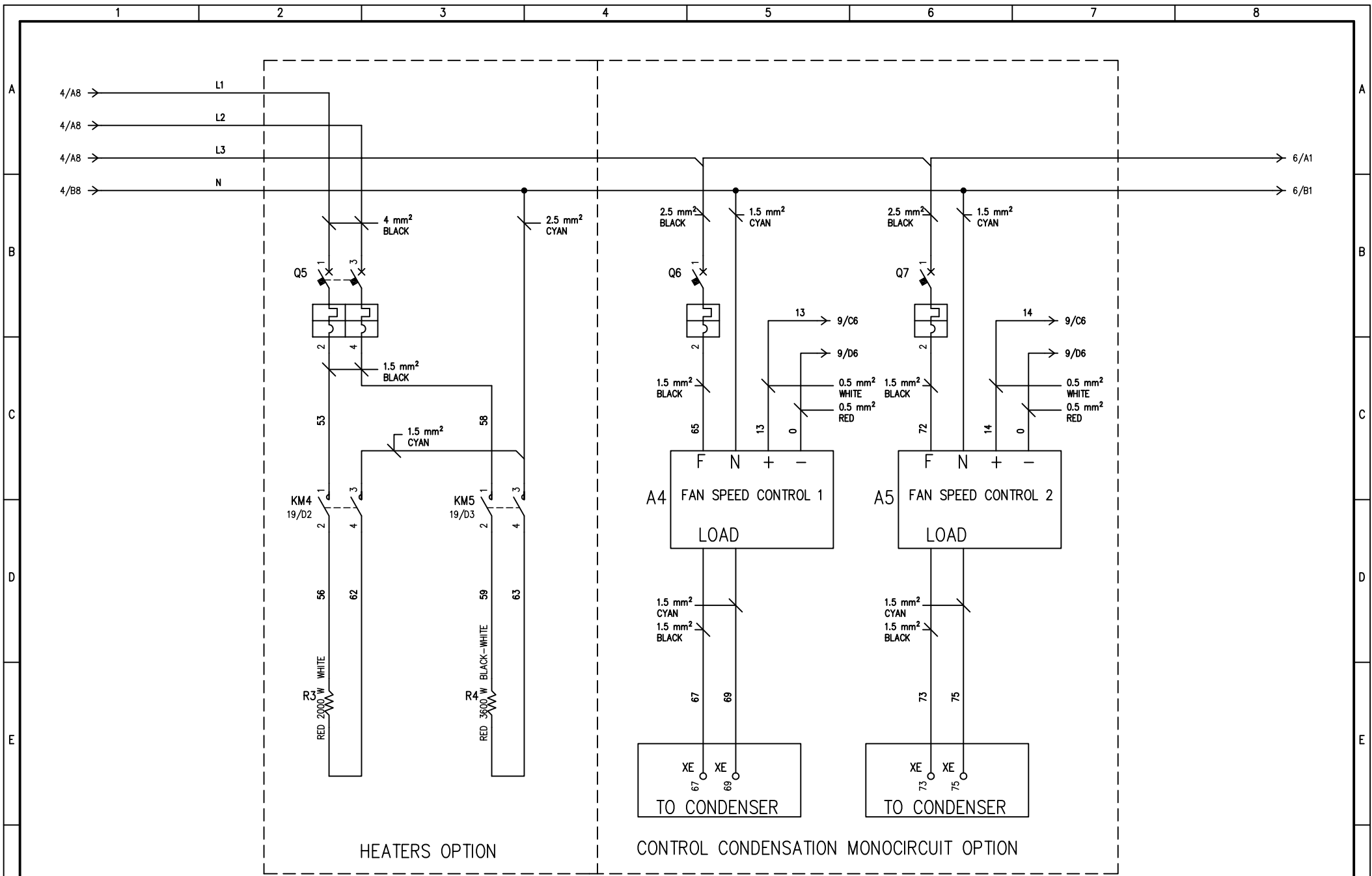



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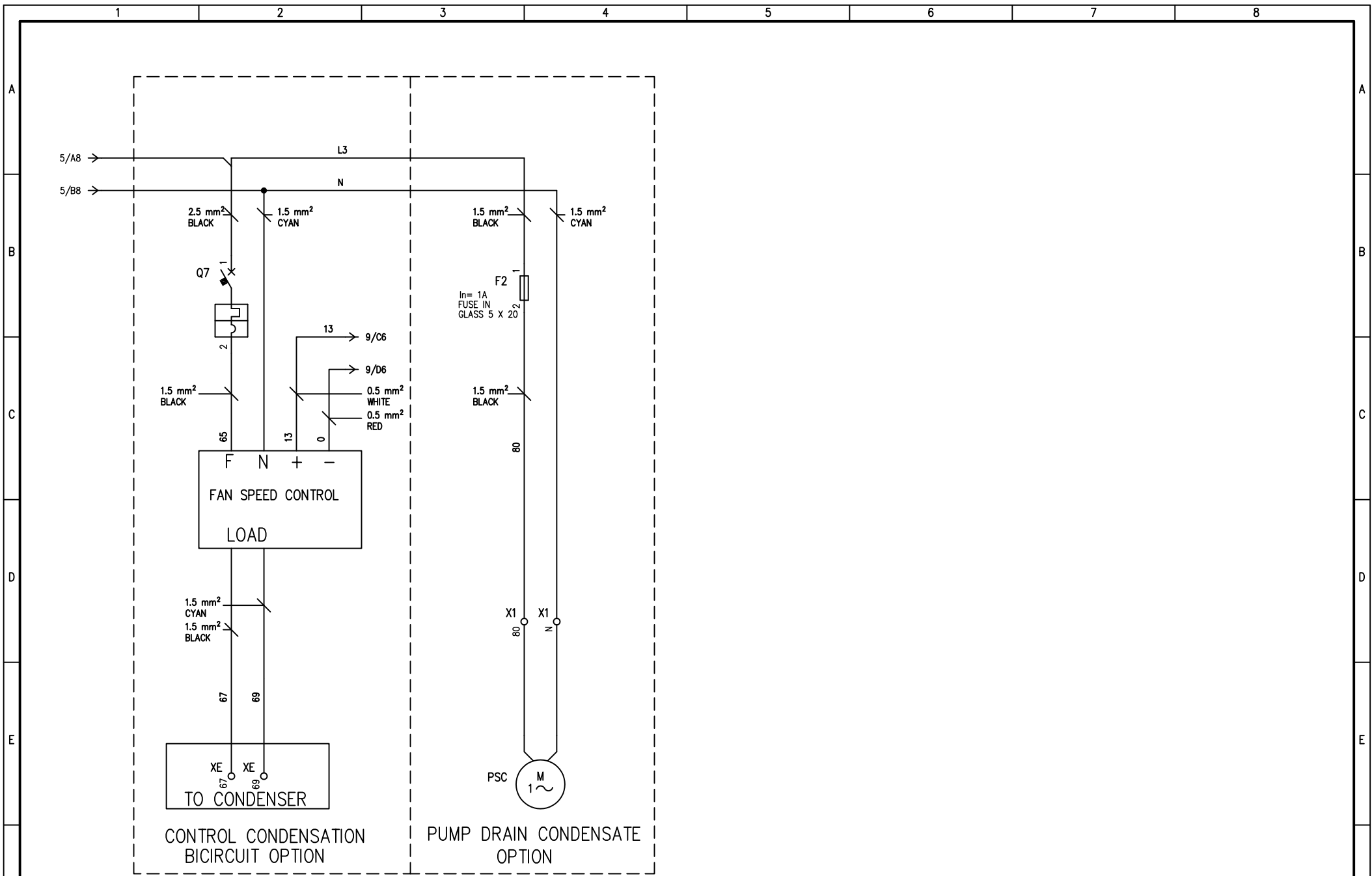
SHEET 3 OF 31  
CONTINUE 4



REVISIONS	MODIFICATIONS	DATE	SIGN.	APPR.	M.M.		HF620C0842S	SHEET 4 OF 31
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A	REVISIONE LAYOUT	21/07/2008	N.C.1	DATE 07/06/2008		HF620C0842S	SHEET 5 OF 31
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REV.	MODIFICATIONS	DATE	SIGN.	APPR. M.M.			CONTINUE 6

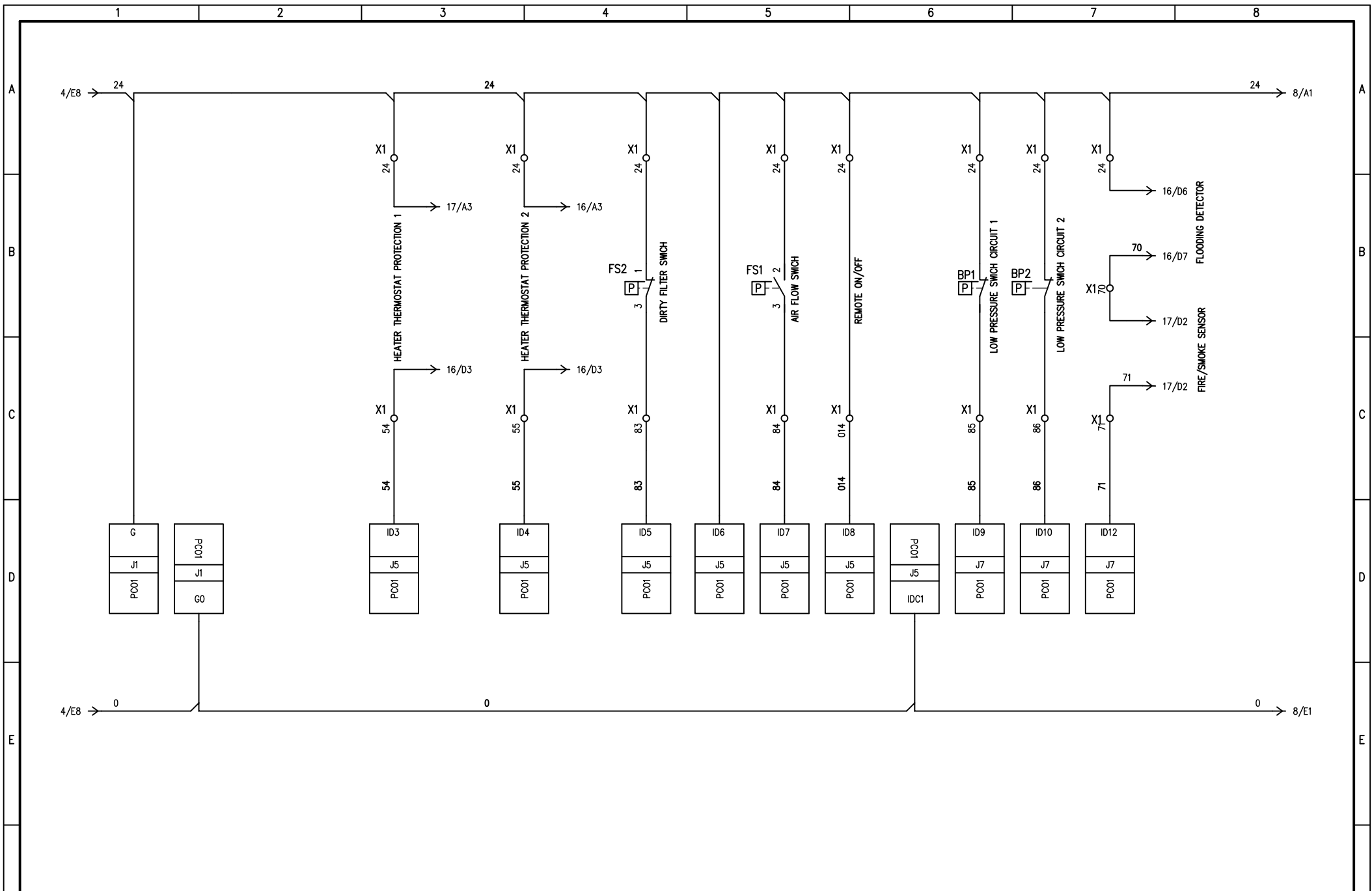


REVISIONS	DATE	BY	APPR.
1	21/07/2008	N.C.1	
2			
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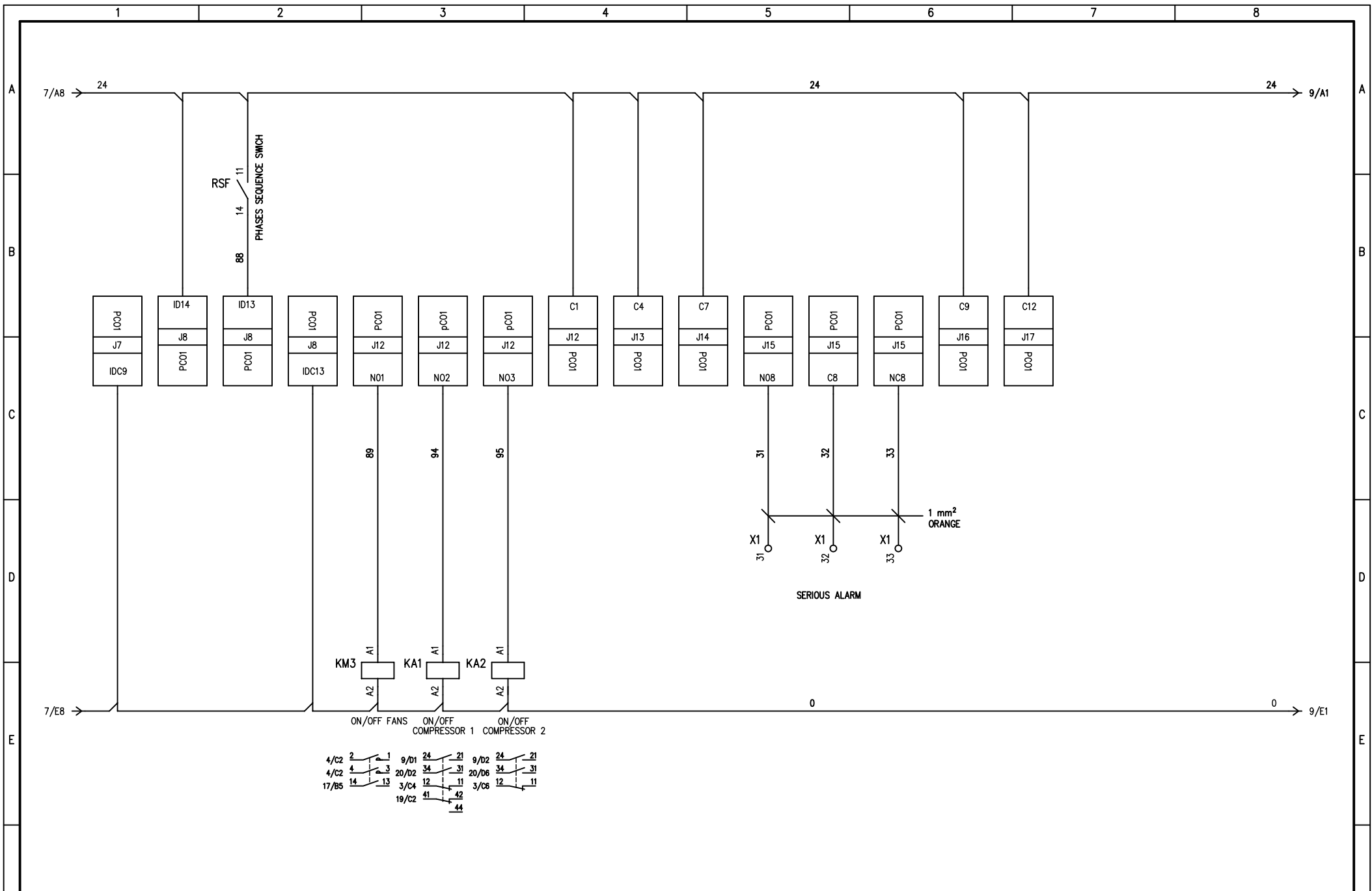
REVISIONS  
 DATE 07/06/2008  
 DRAW. N.C.1  
 CHECK F.F.1  
 APPR. M.M.



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	CONTINUE 7

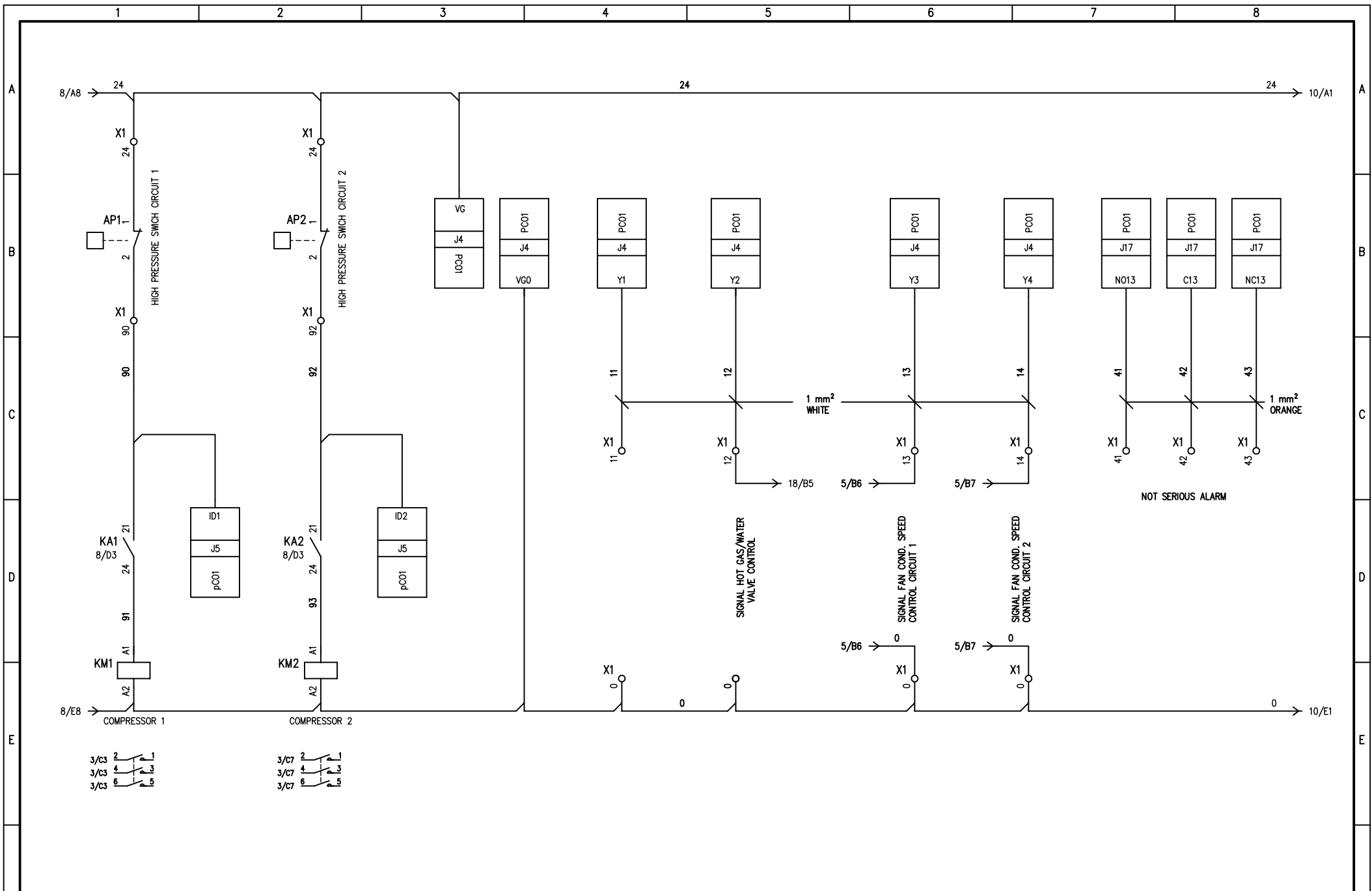


A	REVISIONE LAYOUT	21/07/2008	N.C.1	DATE	07/06/2008	<b>LENNOX</b>	HF620C0842S	SHEET	7 OF	31
				DRAW.	N.C.1			CONTINUE		8
				CHECK	F.F.1					
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A	REVISIONE LAYOUT	21/07/2008	N.C.1	DATE 07/06/2008		HF620C0842S	SHEET 8 OF 31
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NOT SERIOUS ALARM

REV.	MODIFICATIONS	DATE	SIGN.	APPR.	M.M.

A	REVISIONE LAYOUT	21/07/2008	N.C.1	DATE	07/06/2008
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				APPR.	M.M.

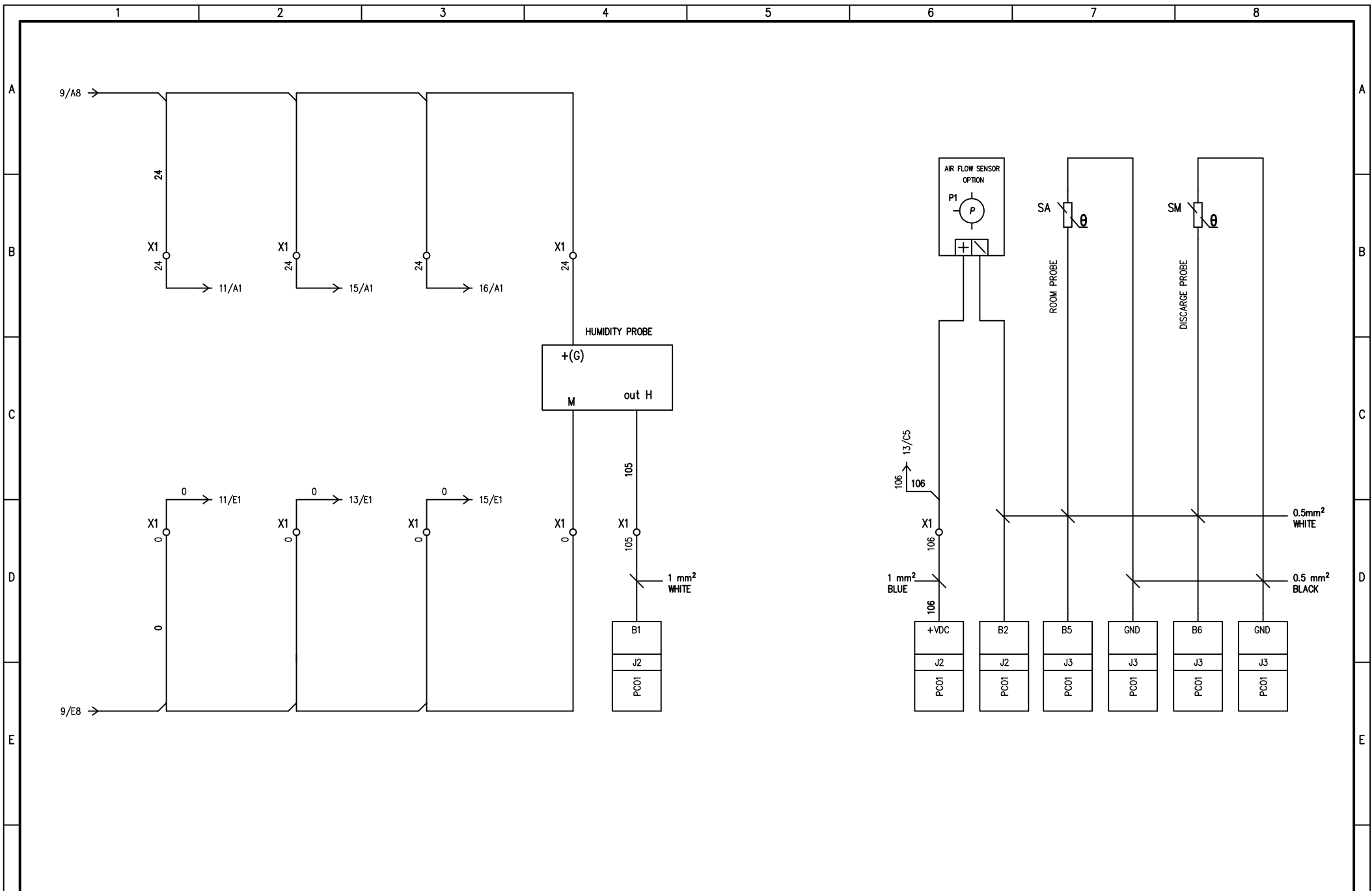


HF620C0842S	
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SHEET	9 OF	31
CONTINUE		10

F

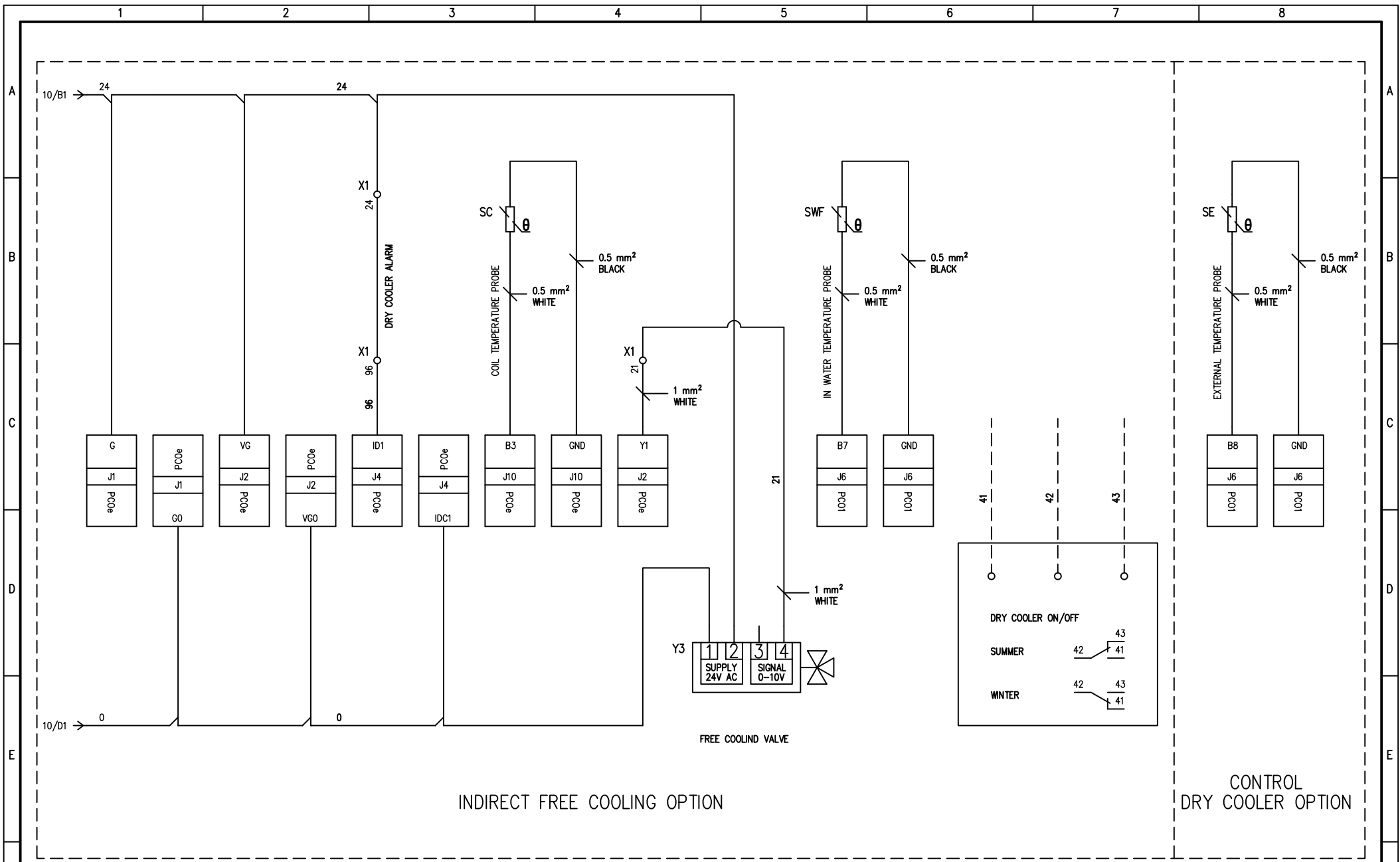
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A	REVISIONE LAYOUT	21/07/2008	N.C.1	DATE 07/06/2008
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REV.	MODIFICATIONS	DATE	SIGN.	APPR. M.M.



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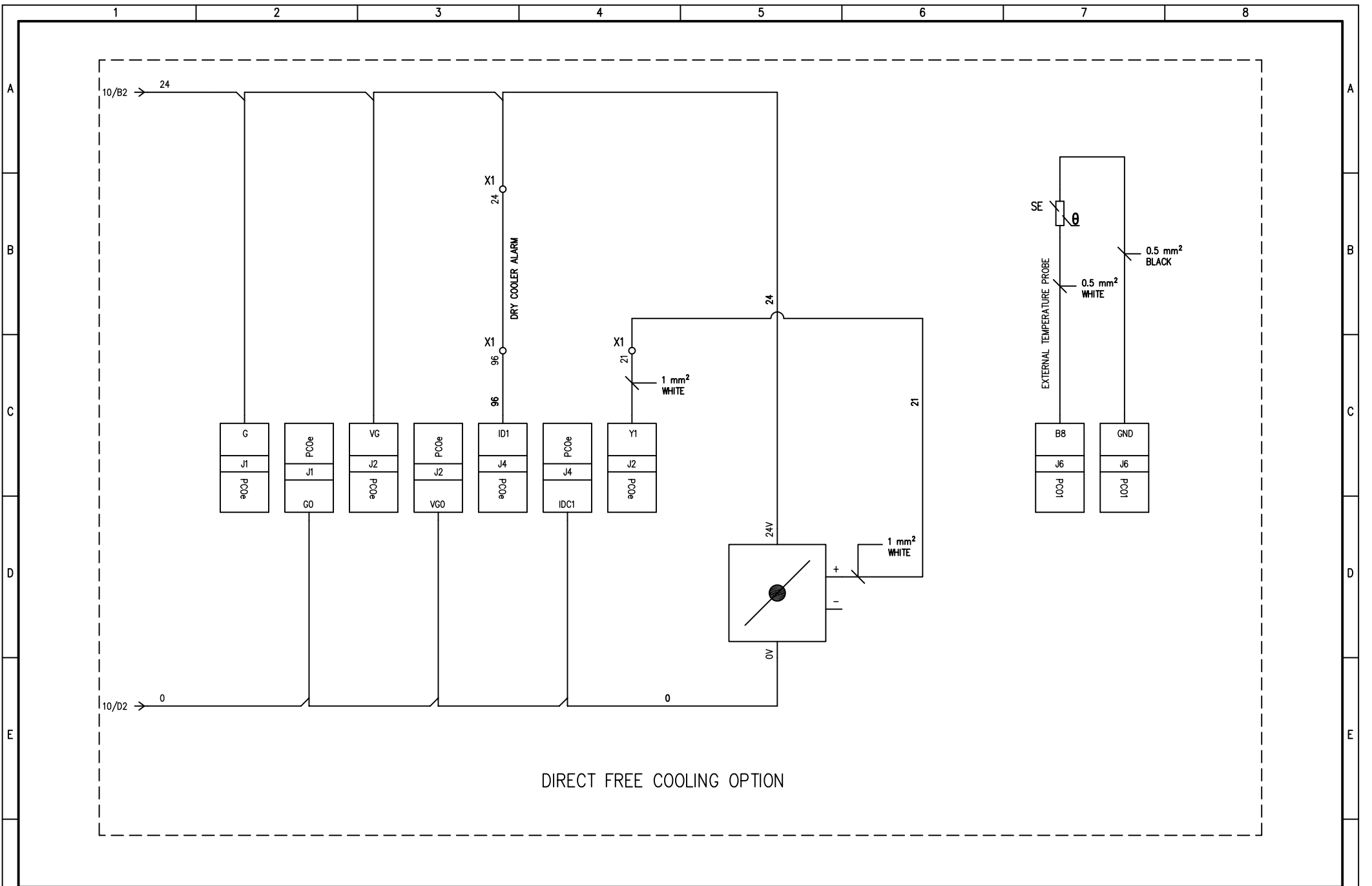
INDIRECT FREE COOLING OPTION

CONTROL DRY COOLER OPTION

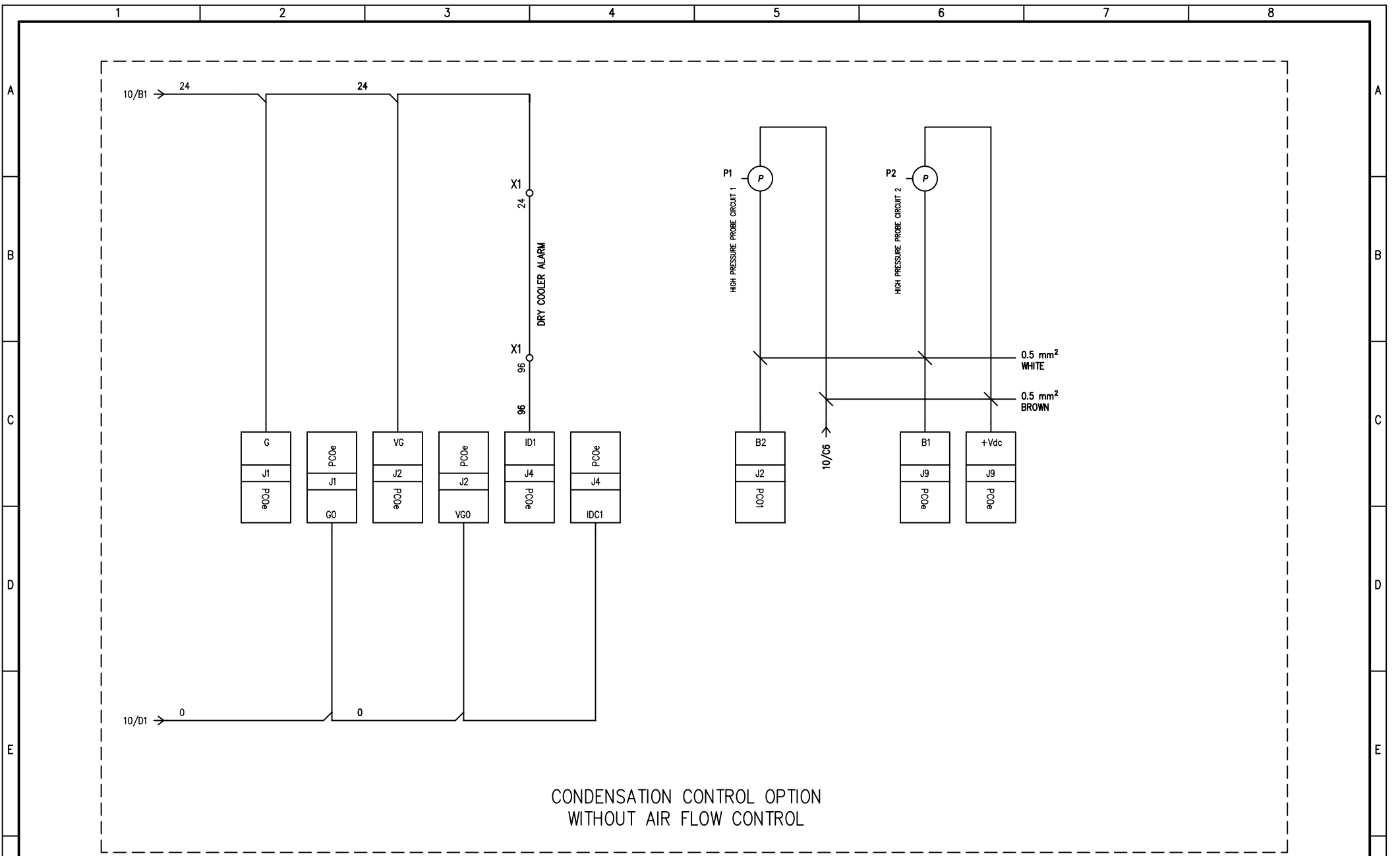
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REV.	MODIFICATIONS	DATE	SIGN.	APPR. M.M.



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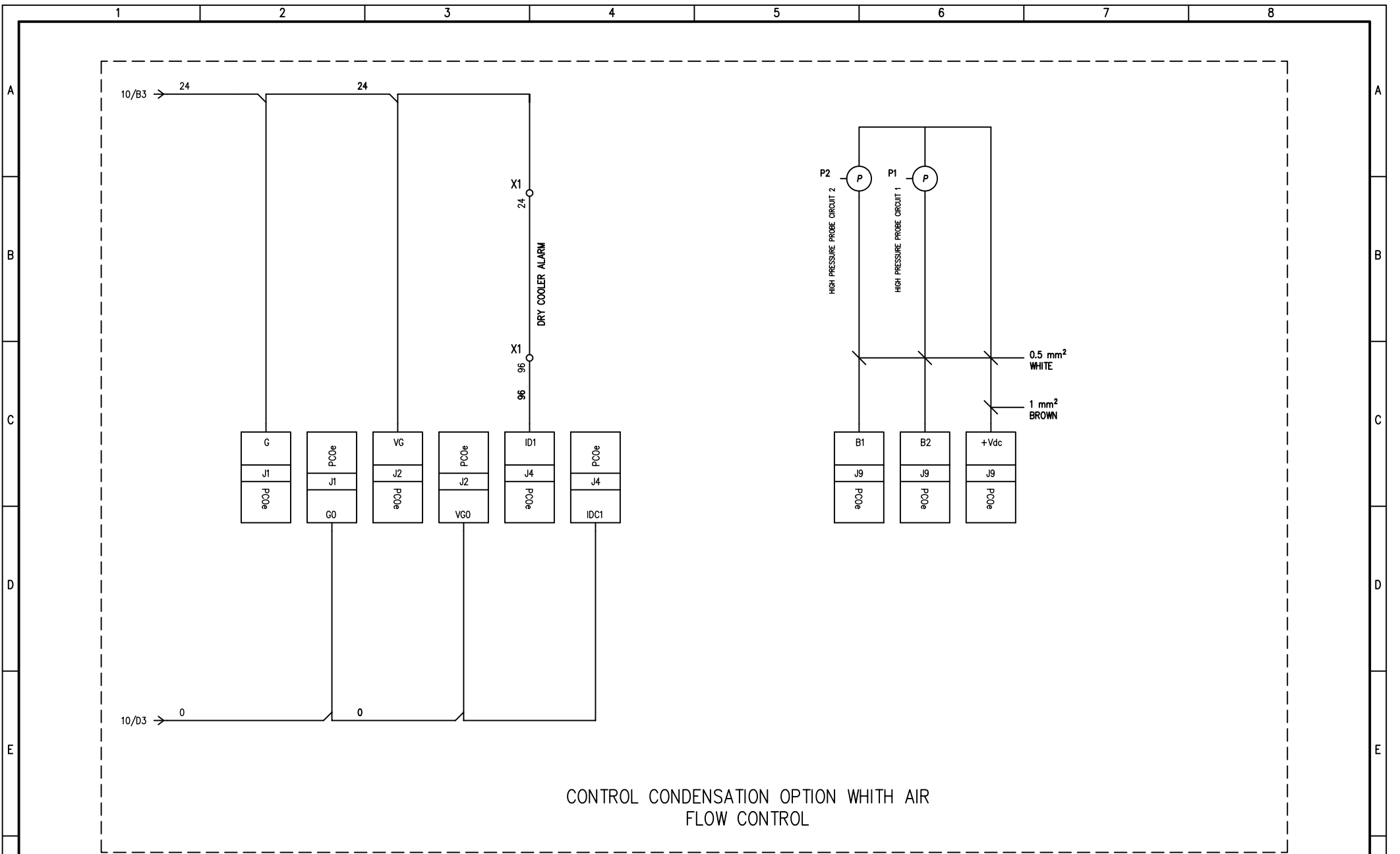
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				DRAW. N.C.1			CONTINUE 13
				CHECK F.F.1			
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A	REVISIONE LAYOUT	21/07/2008	N.C.1	DATE 07/06/2008
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REV.	MODIFICATIONS	DATE	SIGN.	APPR. M.M.



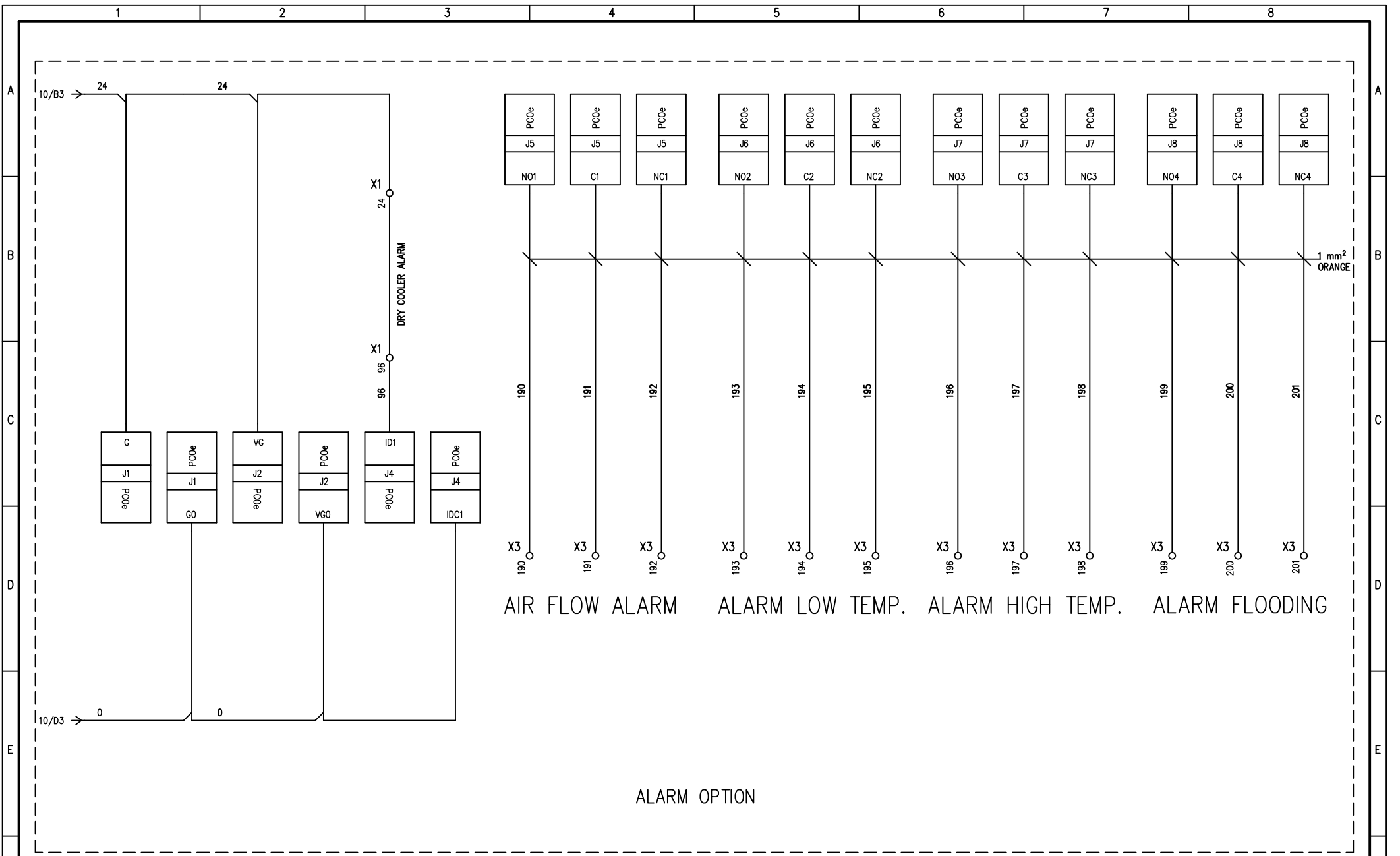
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A	REVISIONE LAYOUT	21/07/2008	N.C.1	DATE 07/06/2008
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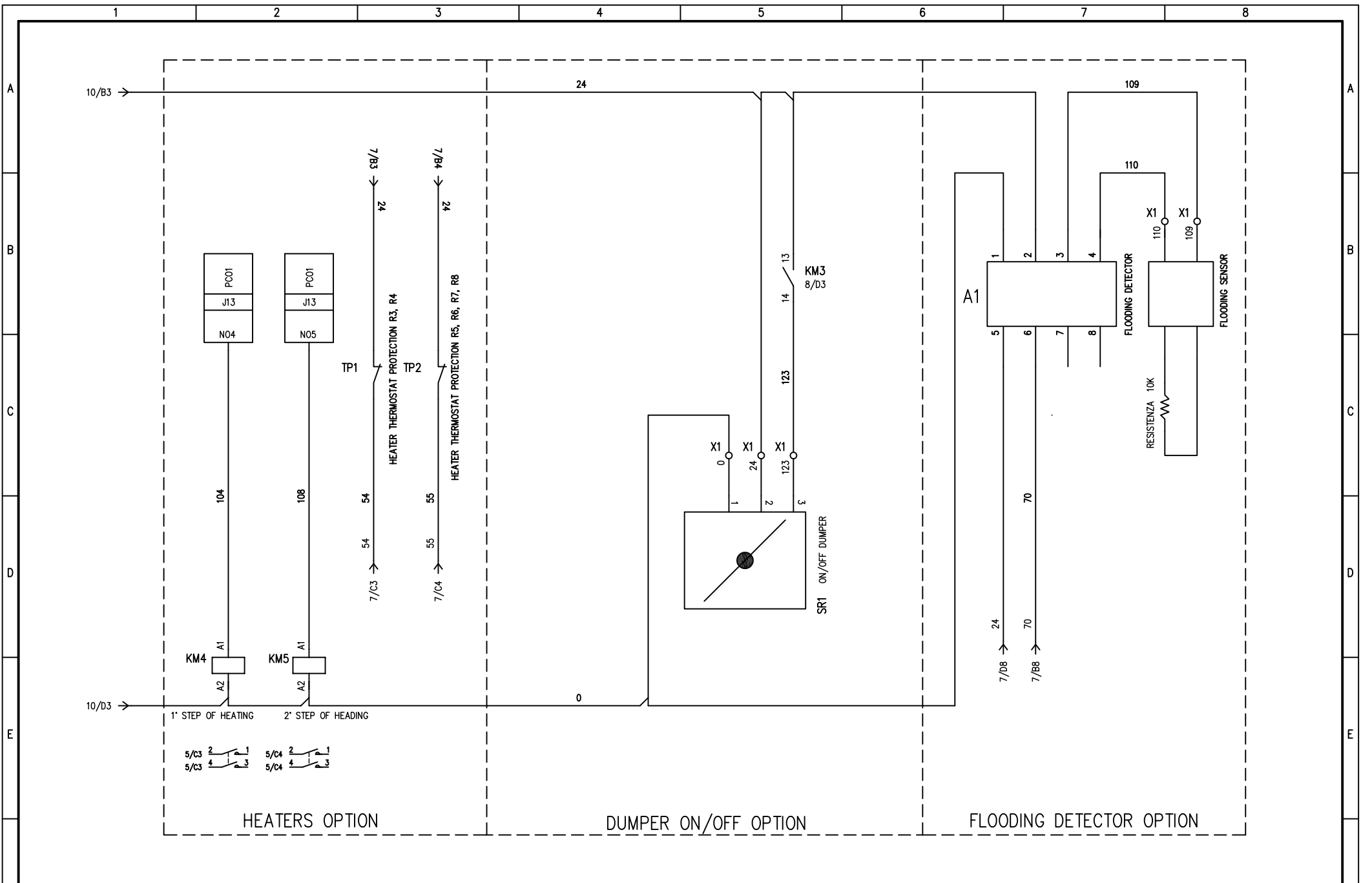
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A	REVISIONE LAYOUT	21/07/2008	N.C.1	DATE	07/06/2008
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REV.	MODIFICATIONS	DATE	SIGN.	APPR.	M.M.



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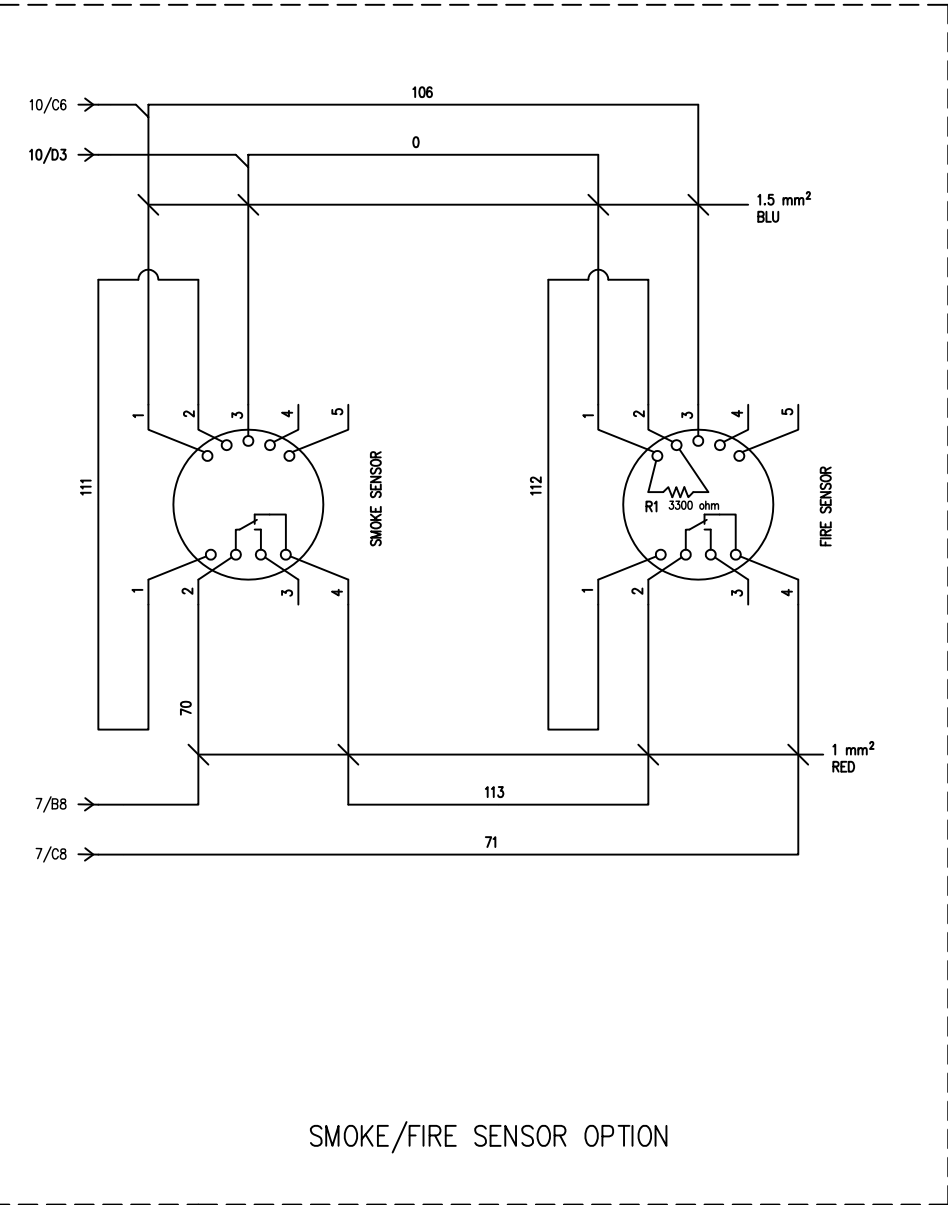
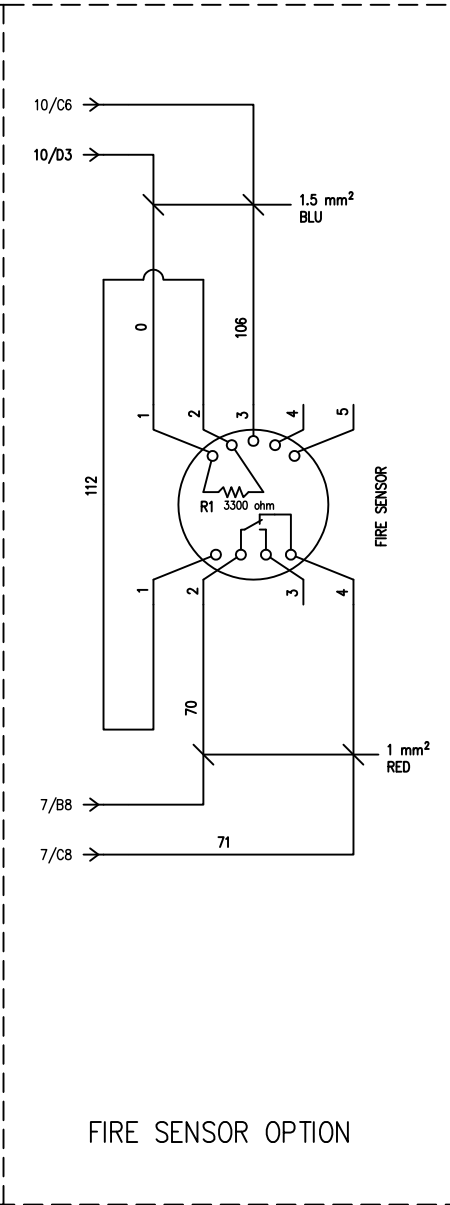
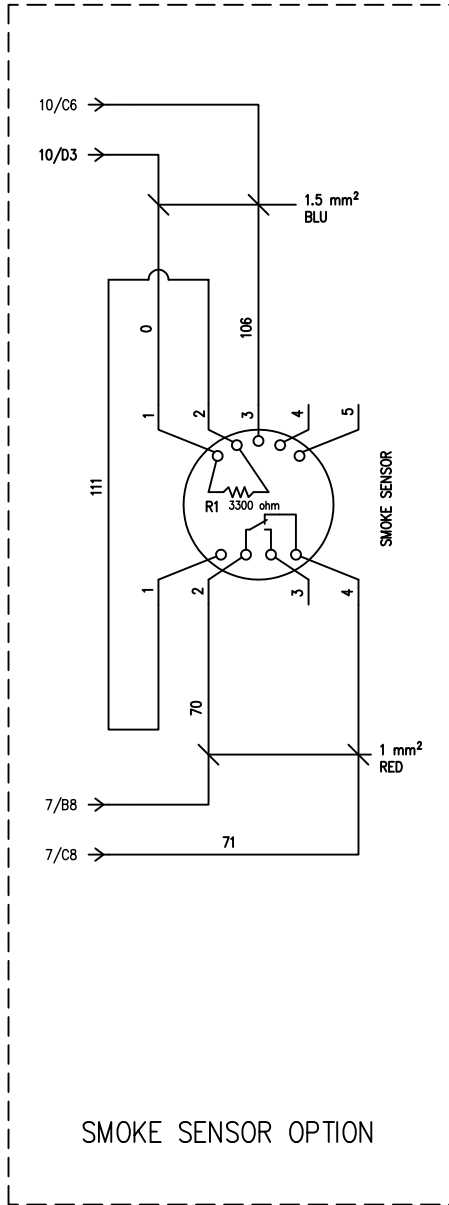


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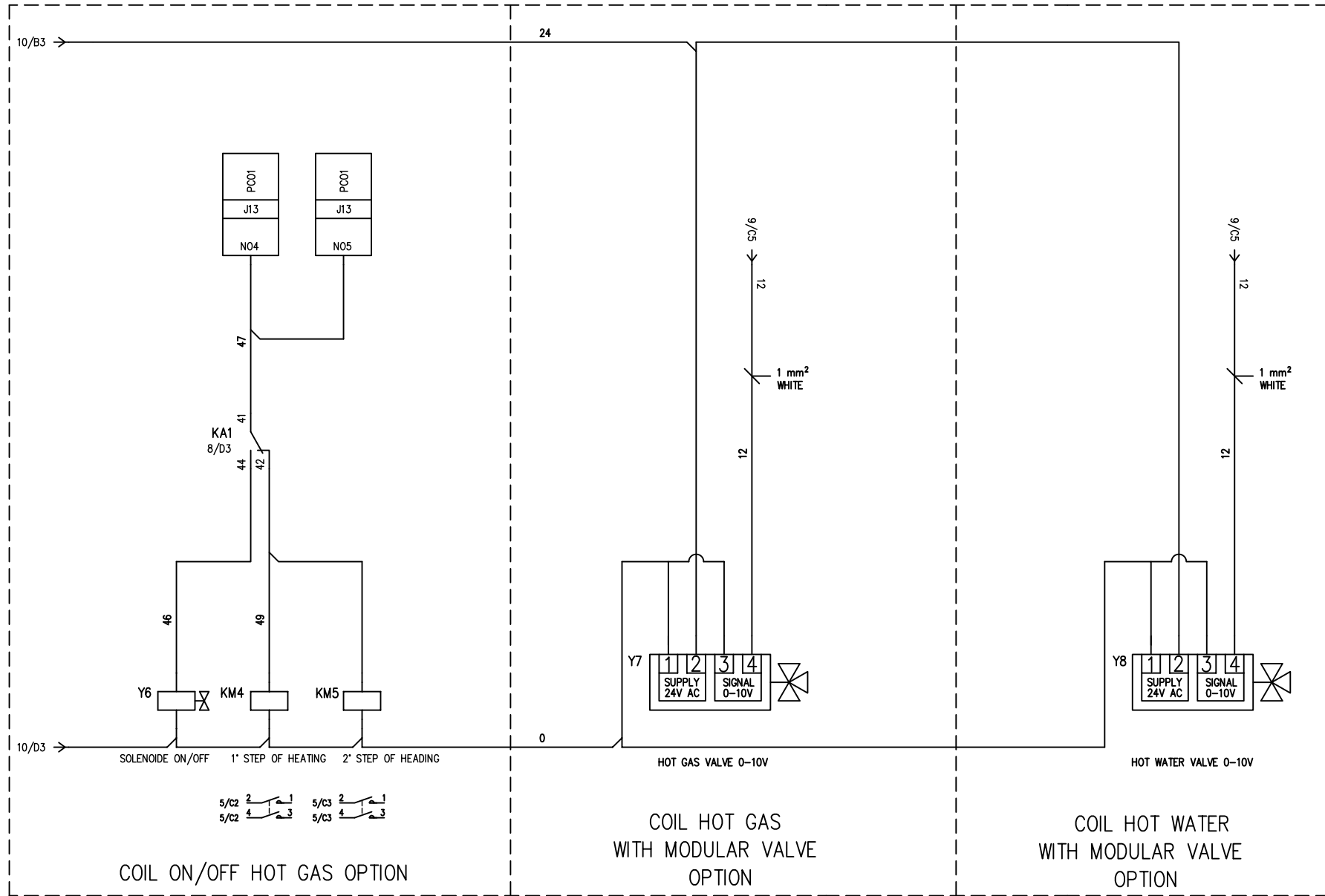




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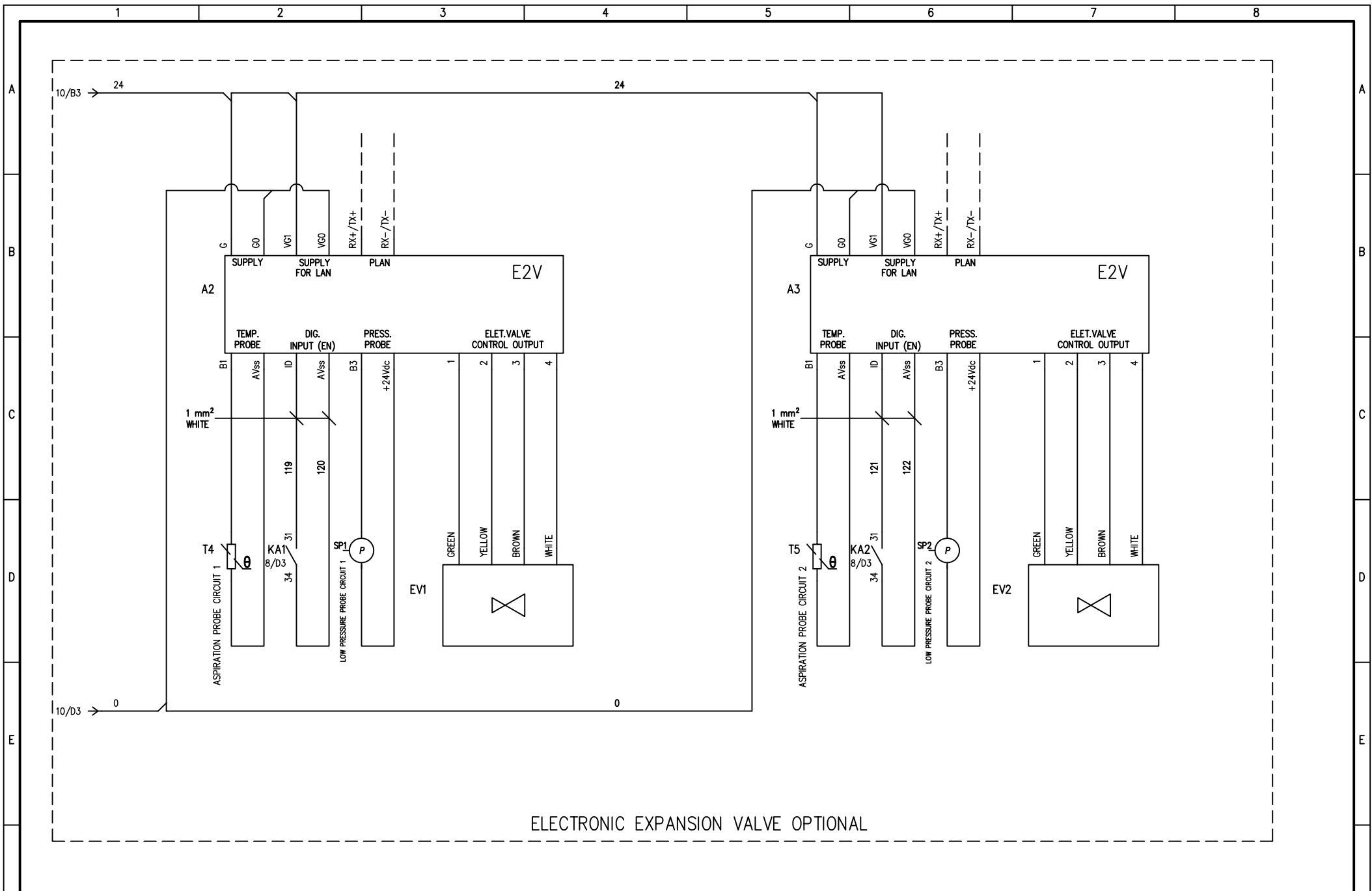
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A	REVISIONE LAYOUT	21/07/2008	N.C.1	DATE 07/06/2008
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REV.	MODIFICATIONS	DATE	SIGN.	APPR. I.M.M.

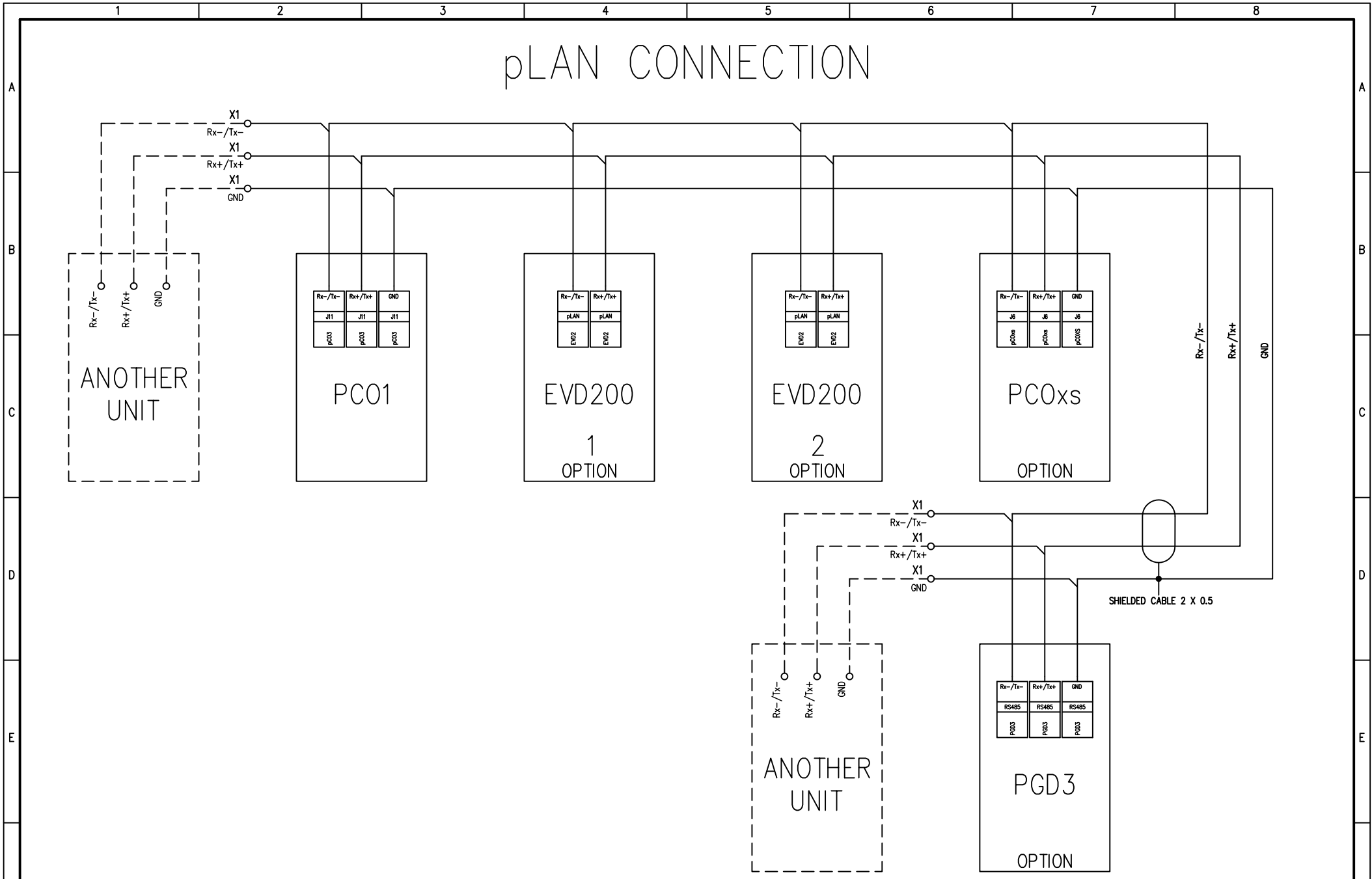


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A	REVISIONE LAYOUT	21/07/2008	N.C.1	DATE 07/06/2008			
				DRAW. N.C.1			
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# pLAN CONNECTION



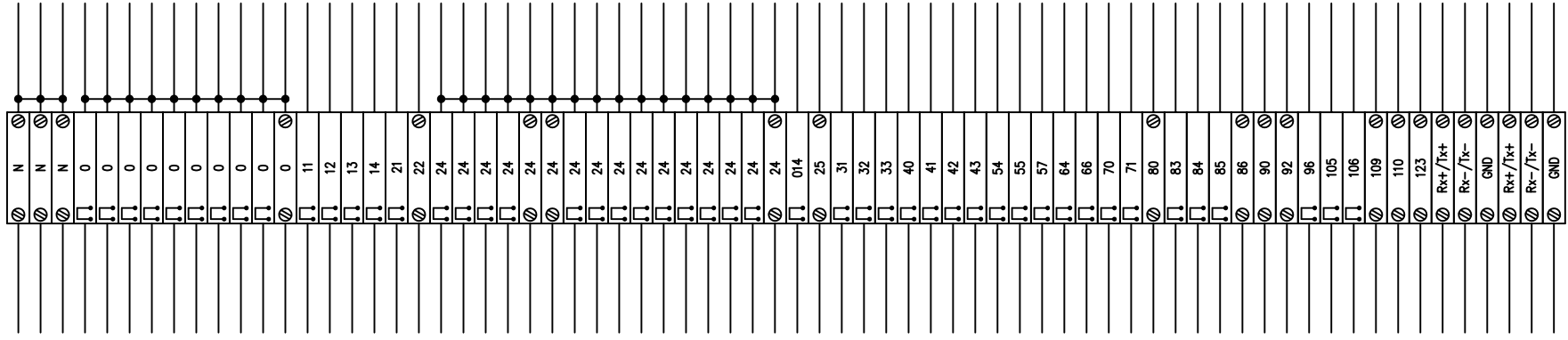
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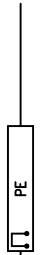
HF620C0842S

TERMINAL STRIP

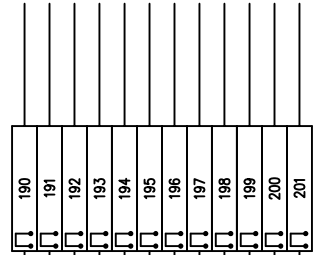
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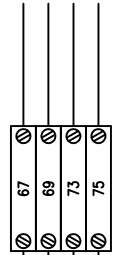
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X3

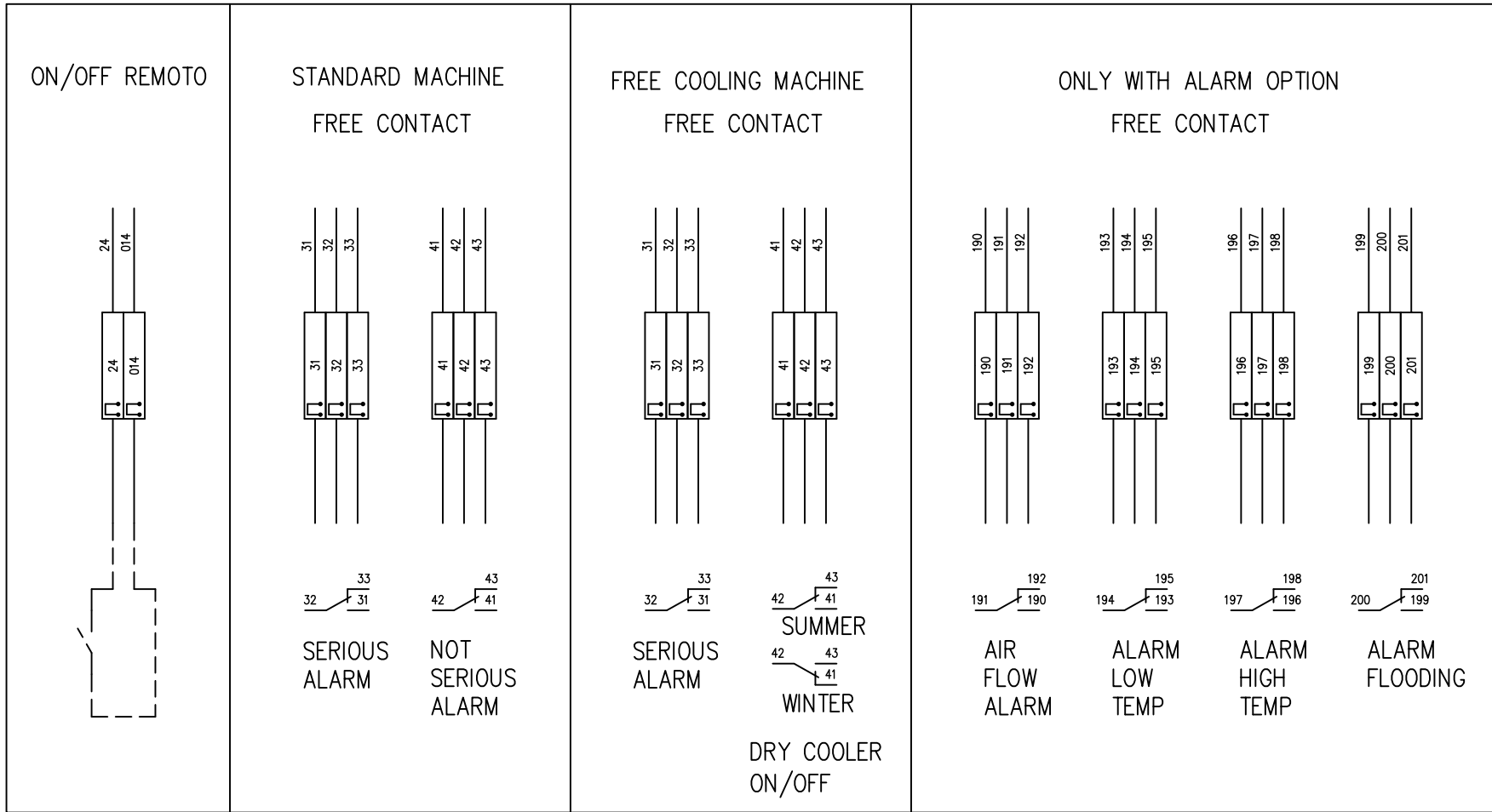


XE



A		REVISIONE LAYOUT	21/07/2008	N.C.1	DATE 07/06/2008		HF620C0842S	SHEET 21 OF 31	
					CHECK F.F.1			CONTINUE 22	
REV.	MODIFICATIONS		DATE	SIGN.	APPR. M.M.				
1	2	3	4	5	6	7	8		

# USER CONNECTION

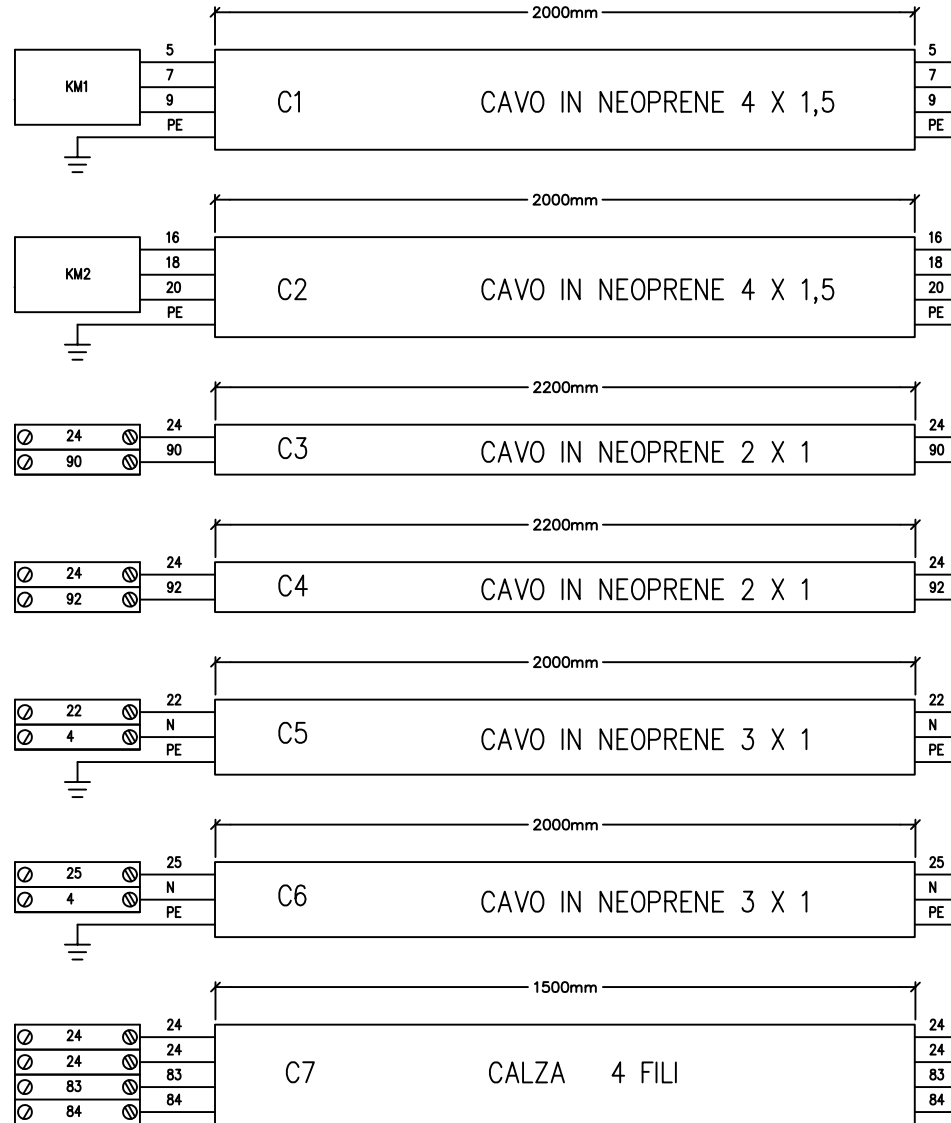


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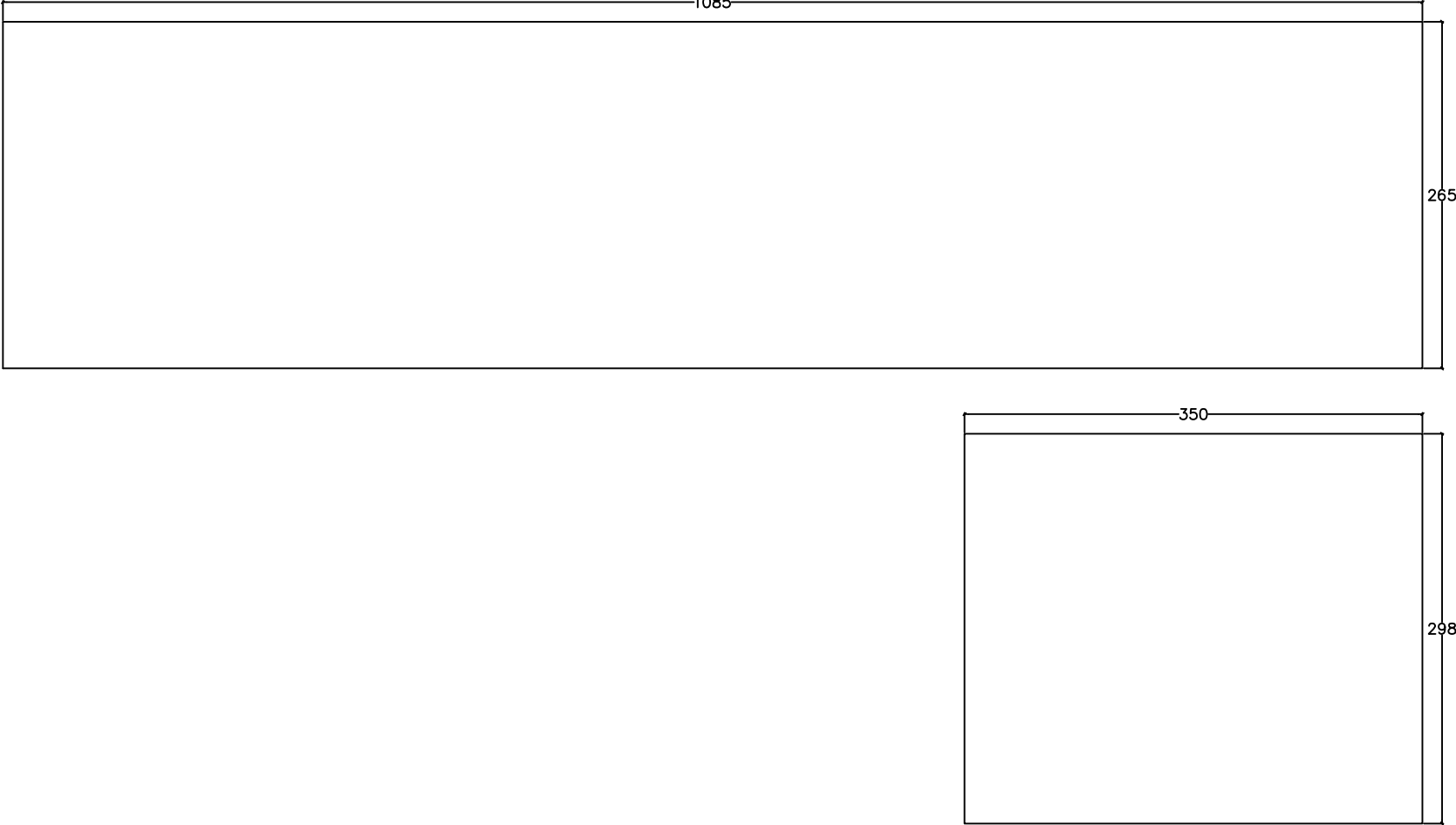
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LA LUNGHEZZA DEI CAVI E' RIFERITA ALL'ESTERNO DEL QUADRO



A	REVISIONE LAYOUT	21/07/2008	N.C.1	DATE 07/06/2008	<b>LENNOX</b>	HF620C0842S	SHEET 23 OF 31
				DRAW. N.C.1			
				CHECK F.F.1			
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# LAYOUT PIASTRA DI FONDO



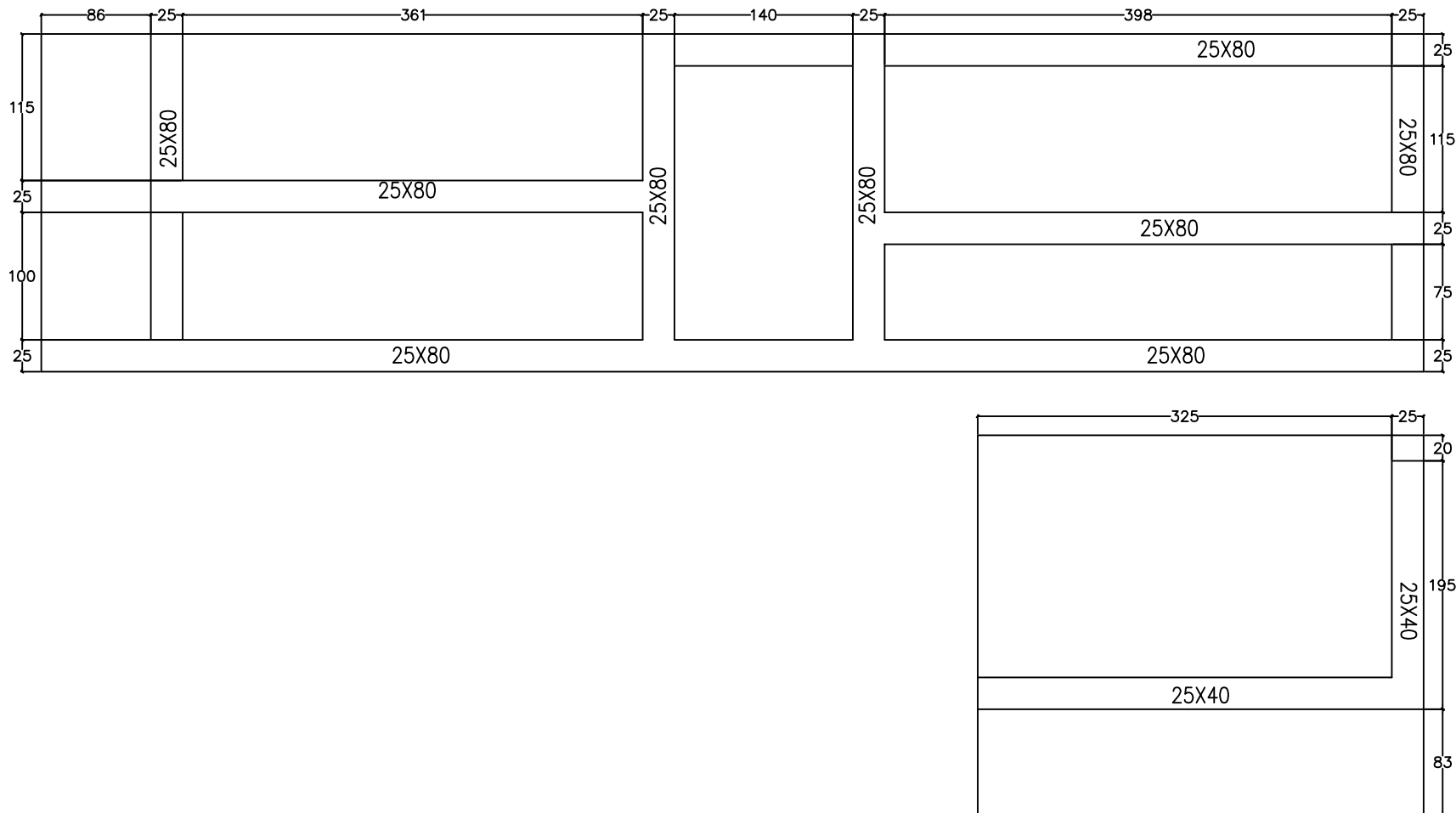
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				DRAW.	N.C.1
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# LAYOUT DISTRIBUZIONE CANALINE



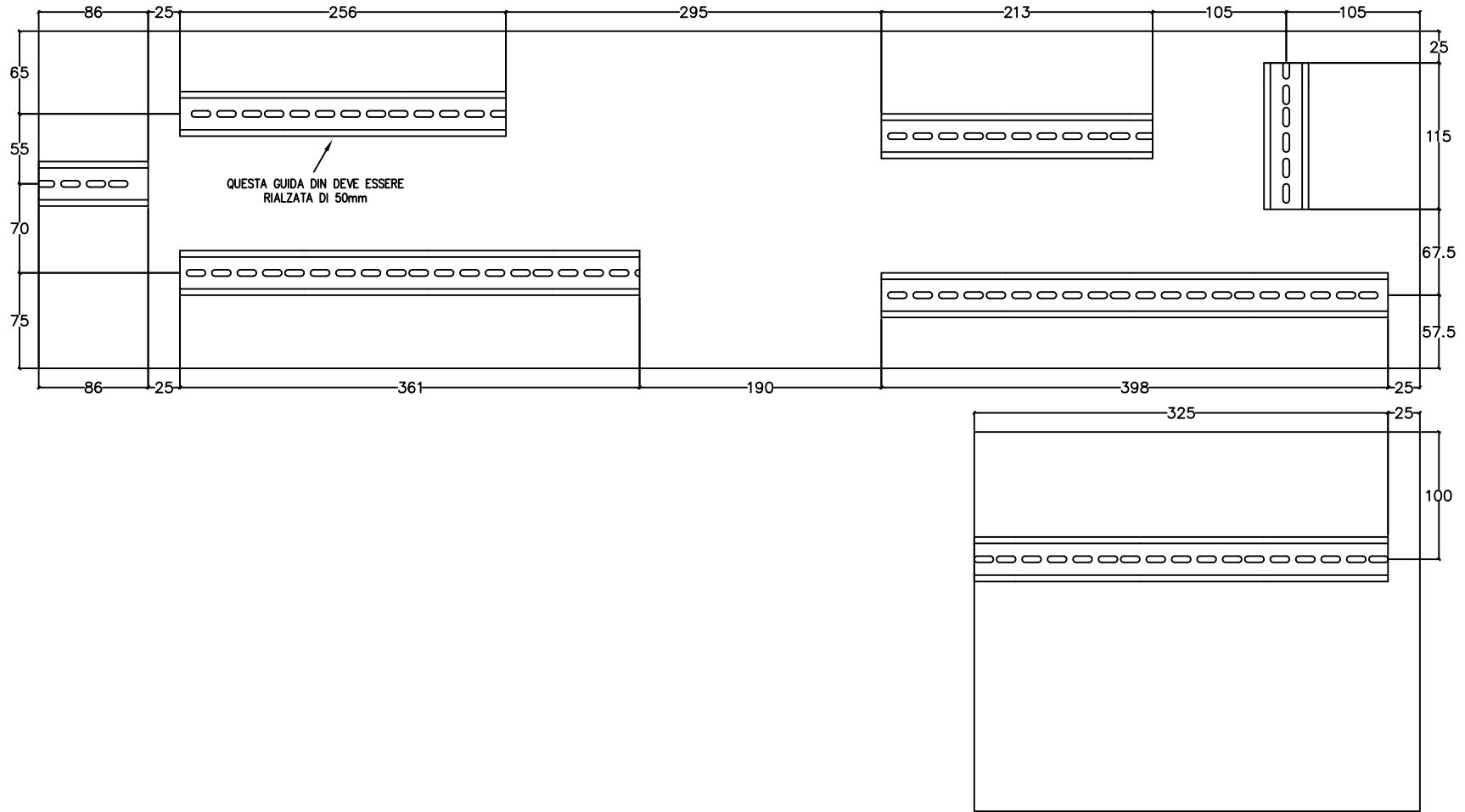
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# LAYOUT DISTRIBUZIONE GUIDE DIN

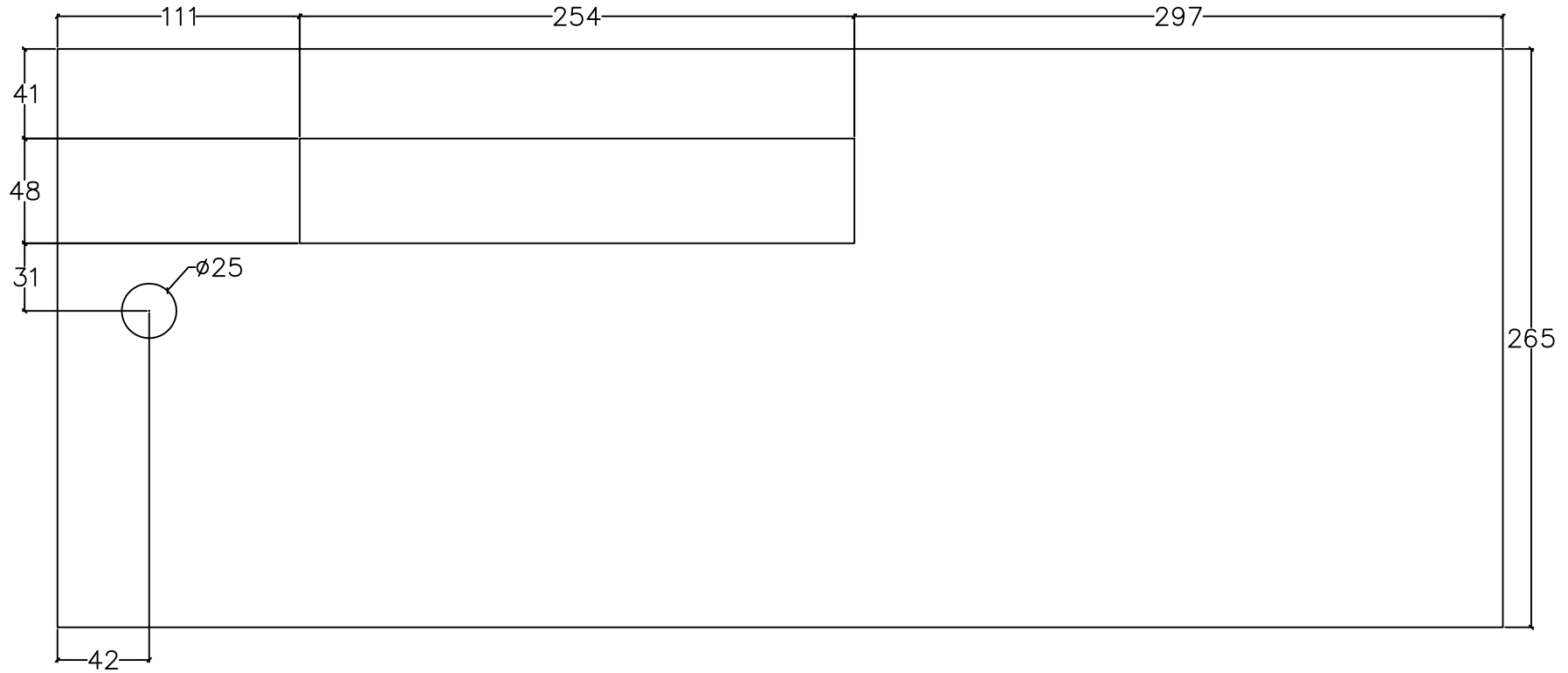


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				DRAW. N.C.1
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# LAYOUT COPERTURA IN PLEXIGLASS



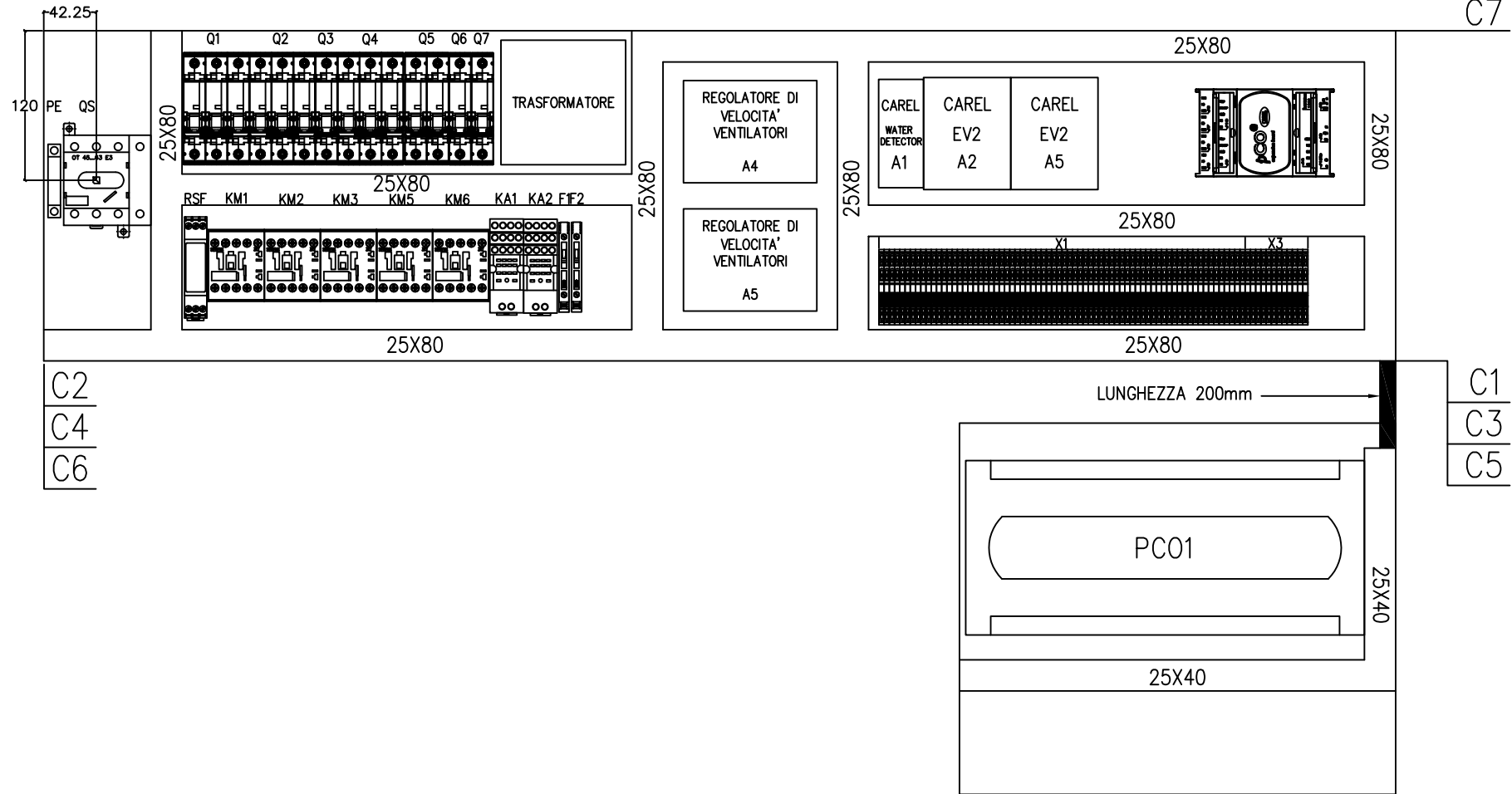
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				CHECK F.F.1
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# LAYOUT DISTRIBUZIONE DEI COMPONENTI DEL QUADRO



A	REVISIONE LAYOUT	21/07/2008	N.C.1	DATE 07/06/2008
				DRAW. N.C.1
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DISTINTA BASE A CUI DEVE ATTENERSI IL QUADRISTA

UBICAZIONE	SIGLA	FUNZIONE	MARCA	CODICE	DESCRIZIONE	QUANTITA'	M.U.	POSIZIONE
	QS	SEZIONATORE	ABB	OT63E4+OHY3AH1+OXS5X120	SEZ. 4P In=63A + MANIGLIA + ALBERO DI COMANDO	1	PCE	
	Q1/Q2	PROTEZIONE COMPRESSORE 1/2	SIEMENS	5SY6 316-7	INT. AUT. 3P C 16A 6kA	2	PCE	
	Q3	PROTEZIONE VENTILATORE	SIEMENS	5SY6 116-7	INT. AUT. 1P C 16A 6kA	1	PCE	
	Q4	PROTEZIONE TRASFORMATORE / RSF	SIEMENS	5SY6 306-7	INT. AUT. 3P C 6A 6kA	1	PCE	
	F1	PROTEZIONE CIRCUITO DI COMANDO	ITALWEBER	0105008	FUSIBILE IN VETRO 5 X 20 In= 8A	1	PCE	
	F	MORSETTO PORTA FUSIBILE	PHOENIX	3004100	PER FUSIBILI TIPO G 5 X 20	4	PCE	
	X1	MORSETTIERA	PHOENIX	3031128	MORSETTO A MOLLA GRIGIO ST 1,5-TWIN	70	PCE	
	XPE	MORSETTO	PHOENIX	0449014	MORSETTO GIALLO VERDE USLKG35	1	PCE	
	RSF	RELE' SEQUENZA FASE	GAVAZZI	DPA51CM44	IL QUADRISTA DEVE PREDISPORRE SOLTANTO I FILI	1	PCE	
	TR	TRSFOMATORE MONOFASE	MARINI		TRASFORMATORE V1=230V / V2=24V S=200VA	1	PCE	
	KM1/KM2	ON/OFF COMPRESSORE 1/2	SIEMENS	3RT1017-1AB01	TELERUTTORE 5,5 KW 3P 400V BOB. 24V AC	2	PCE	
	KM3	ON/OFF VENTILATORE	FINDER	3RT1017-1AB01	TELERUTTORE 5,5 KW 3P 400V BOB. 24V AC	1	PCE	
	KA1/KA2	ON/OFF COMPRESSORE 1/2	FINDER	55348024+9474+09471	RELE' + ZOCCOLO + PONTICELLO DI RITENUTA	2	PCE	
		PIASTRA DI FONDO	HIREF		PIASTRA DI FONDO	1	PCE	
		BARRA DI TERRA			BARRA DI TERRA	1	PCE	

A	REVISIONE LAYOUT	21/07/2008	N.C.1	DATE	07/06/2008		HF620C0842S	SHEET 29 OF 31 CONTINUE 30
				CHECK	F.F.1			
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1	2		3		4	5	6	7	8		
UBICAZIONE	SIGLA	FUNZIONE		MARCA	CODICE	DESCRIZIONE		QUANTITA'	M.U.	POSIZIONE	
A		SPINE COMBICOM		PHOENIX	1757019	SPINE COMBICOM 2 POLI CON PASSO DA 5,08mm		1	PCE	A	
		SPINE COMBICOM		PHOENIX	1757022	SPINE COMBICOM 3 POLI CON PASSO DA 5,08mm		6	PCE		
		SPINE COMBICOM		PHOENIX	1757035	SPINE COMBICOM 4 POLI CON PASSO DA 5,08mm		2	PCE		
B		SPINE COMBICOM		PHOENIX	1757048	SPINE COMBICOM 5 POLI CON PASSO DI 5,08mm		6	PCE	B	
		SPINE COMBICOM		PHOENIX	1757051	SPINE COMBICOM 6 POLI CON PASSO DI 5,08mm		1	PCE		
		SPINE COMBICOM		PHOENIX	1757080	SPINE COMBICOM 9 POLI CON PASSO DI 5,08mm		1	PCE		
C											C
D											D
E											E
F											F
A	REVISIONE LAYOUT		21/07/2008	N.C.1	DATE	07/06/2008					
						DRAW. N.C.1					
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										CONTINUE 31	



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1	2	3	4	5	6	7	8
OPZIONE RESISTENZE							
A	UBICAZIONE	SIGLA	FUNZIONE	MARCA	CODICE	DESCRIZIONE	QUANTITA' M.U. POSIZIONE
		Q5	PROTEZIONE RESISTENZE	SIEMENS	5SY6220-7/HF40000733	INT. AUT. 2P C20A 6KA	1 PCE
		KM4	ON/OFF RESISTENZE 1° STEP	SIEMENS	3RT1017-1AB01/HF40000747	TELERUTTORE 5,5KW 3P 400V BOB. 24V AC	1 PCE
B		KM5	ON/OFF RESISTENZE 2°STEP	SIEMENS	3RT1017-1AB01/HF40000747	TELERUTTORE 5,5KW 3P 400V BOB. 24V AC	1 PCE
OPZIONE CONTROLLO CONDENSAZIONE MONOCIRCUITO							
	UBICAZIONE	SIGLA	FUNZIONE	MARCA	CODICE	DESCRIZIONE	QUANTITA' M.U. POSIZIONE
		Q6	PROTEZIONE REGOLATORE DI GIRI	SIEMENS	5SY6116-7/HF40000796	INT. AUT. 1P C16A 6KA	1 PCE
C		Q7	PROTEZIONE REGOLATORE DI GIRI	SIEMENS	5SY6116-7/HF40000796	INT. AUT. 1P C16A 6KA	1 PCE
OPZIONE CONTROLLO CONDENSAZIONE BICIRCUITO							
	UBICAZIONE	SIGLA	FUNZIONE	MARCA	CODICE	DESCRIZIONE	QUANTITA' M.U. POSIZIONE
D		Q6	PROTEZIONE REGOLATORE DI GIRI	SIEMENS	5SY6116-7/HF40000796	INT. AUT. 1P C16A 6KA	1 PCE
OPZIONE POMPA SCARICO CONDENSA							
	UBICAZIONE	SIGLA	FUNZIONE	MARCA	CODICE	DESCRIZIONE	QUANTITA' M.U. POSIZIONE
E		F2	PROTEZIONE POMPA SCARICO CONDENSA	ITALWEBER	0101001/HF40000777	FUSIBILE IN VETRO 5 X 20 In= 1A	1 PCE
		F	MORSETTO PORTA FUSIBILE	PHOENIX	3004100/HF40000756	PER FUSIBILI TIPO G 5 X 20	1 PCE
F	A	REVISIONE LAYOUT	21/07/2008	N.C.1	DATE	07/06/2008	
					DRAW.	N.C.1	
					CHECK	F.F.1	
	REV.	MODIFICATIONS	DATE	SIGN.	APPR.	M.M.	
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