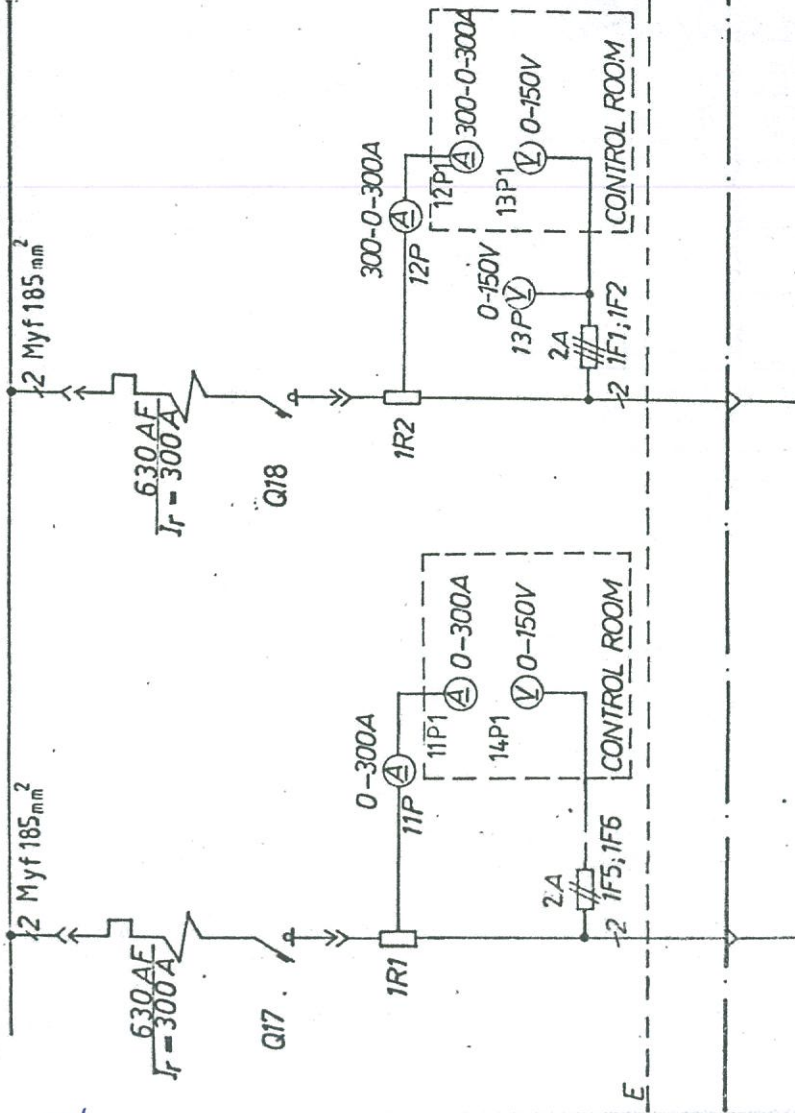


EK-1



SUPPLY FROM RECTIFIER 1	CURRENT AND VOLTAGE MEASURE	SUPPLY FROM BATTERY (BB)	CURRENT AND VOLTAGE MEASURE

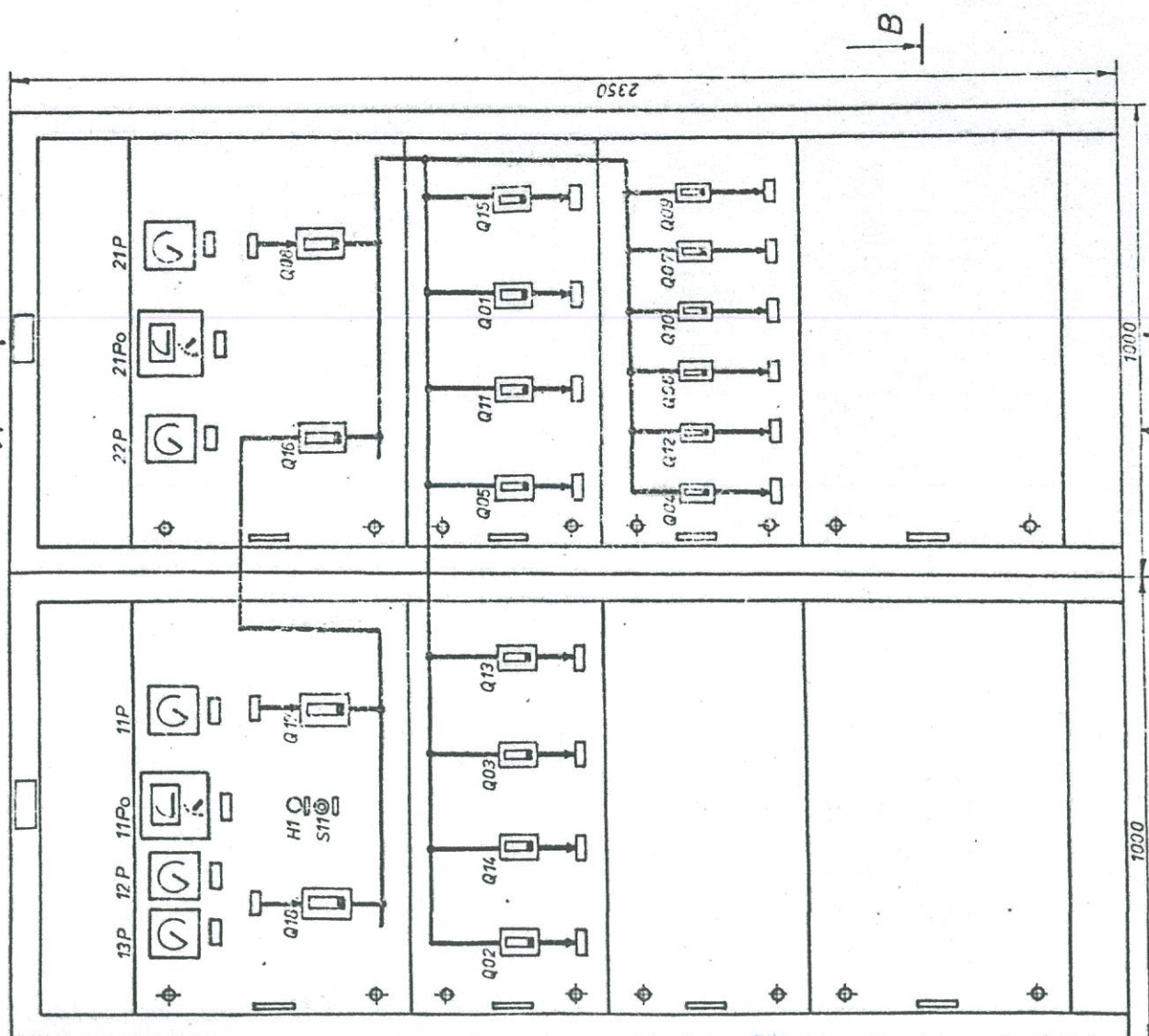


MDB
DC. MAIN DISTRIBUTION
BOARD

NOELL		PREUSSAG - SALZGITTER		NOELL Order No	
ROMENERGO - SA		ROMANIA		5 0 0 3 1 9 7 7 8	
IPA		BUCURESTI		CAT-123-4	
Drawn	Stan	Checked	Petru		
Scale	MDB BOARD - SINGLE LINE			Drawing No	
Schemă monofilară MDB			4 8 5 3 8 1		
All rights reserved			Index		
365.14-12.3-4			3/-		

Index	Revision	Date	Name	AS BUILT DRAWING	APPROVED	DATE	SIGNATURE	DSI

EK-1



MCB-D.C. MAIN DISTRIBUTION BOARD

NOELL		ROMANIA		NOELL Order No.	
PREUSSAG - SALZGITTER		BUCURESTI		6 0 0 3 / 1 7 1 a	
ROMENERGO - SA		IPA		CAT-12.3-5	
I PA		Drawing No.		4 8 6 3 2	
Scale: MDB BOARD ARRANGEMENT		Index		11 +	
DULAP MDB		All rights reserved		365.14-12.3-5	
: 10					

[illegible]

Handwritten signatures and stamps are present at the bottom of the page, including a large circular stamp of the Ministry of Health (Sağlık Bakanlığı) and several handwritten signatures.

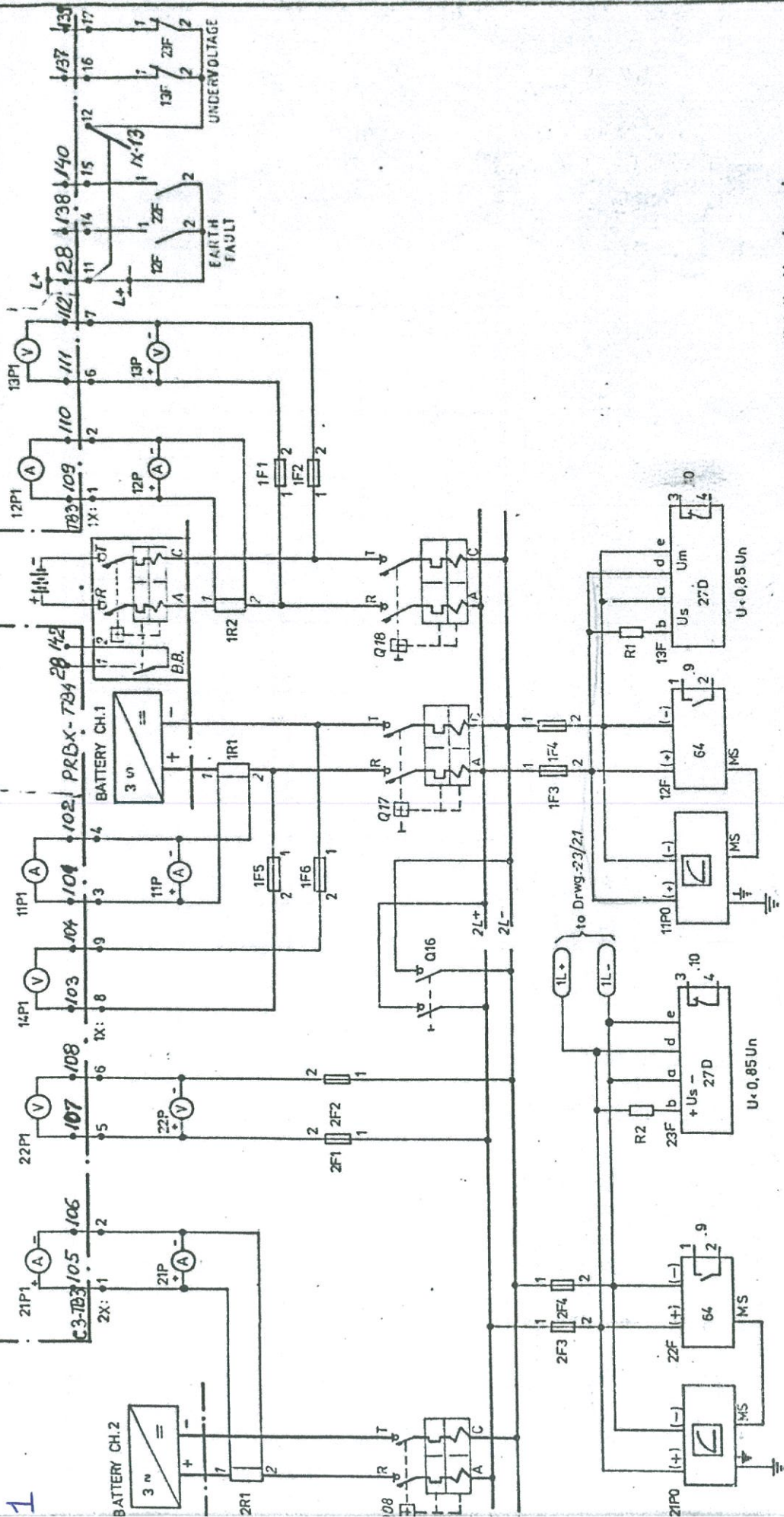
EK-1

CONTROL ROOM

PATIENT ROOM

CONTROL ROOM C.D.

PRBX-TB4



MDB-dc main distribution board

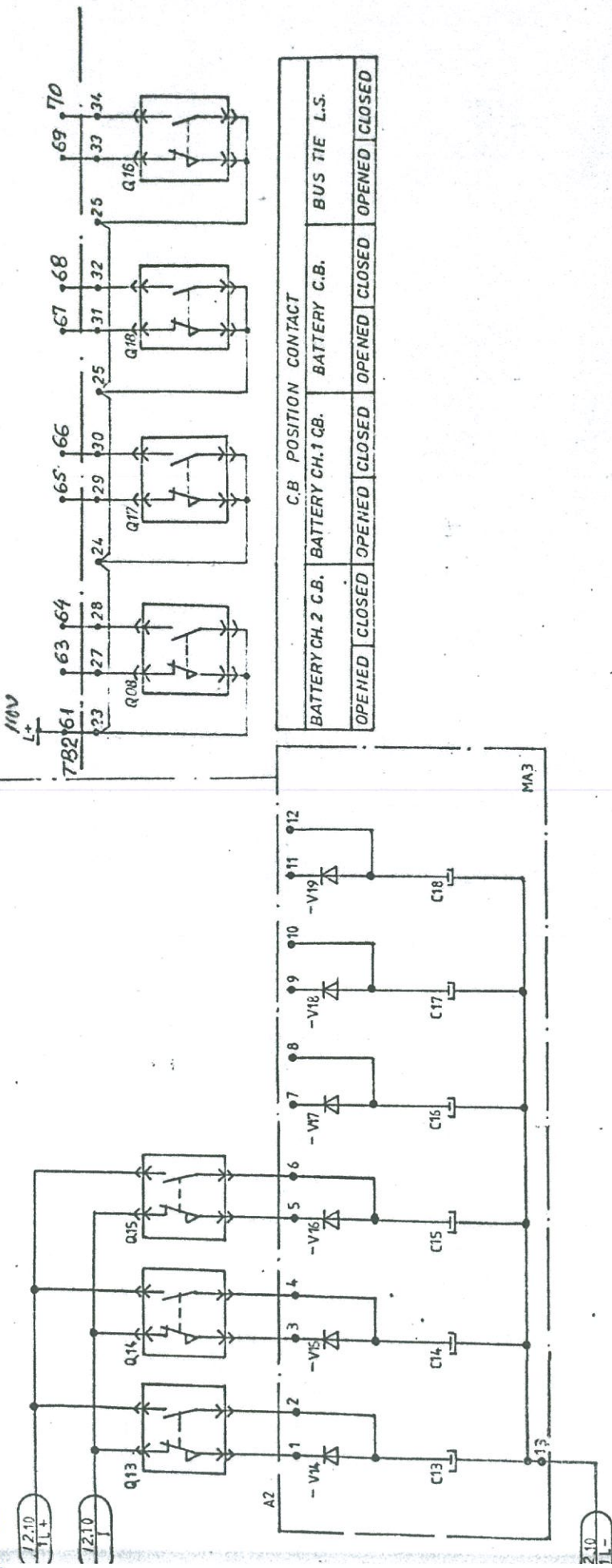
NOELL		PREUSSAG - SALZGITTER		RUMENKO-SA		RUMANIA		BUCURESTI		IPA		DATE: 1977		CAT-123-23	
Design	Drawn	Checked	Approved	Scale	MDB		Instrumentation and alarm		Masurati si semnalizare		All rights reserved		355.14 - 123-23		1/1
7/10															



APPROVED	DATE	SIGNATURE
AS BUILT		
DRAWING		
Indw	Name	Date
A	B.B. Battery box alarm	02.92
	Revision	

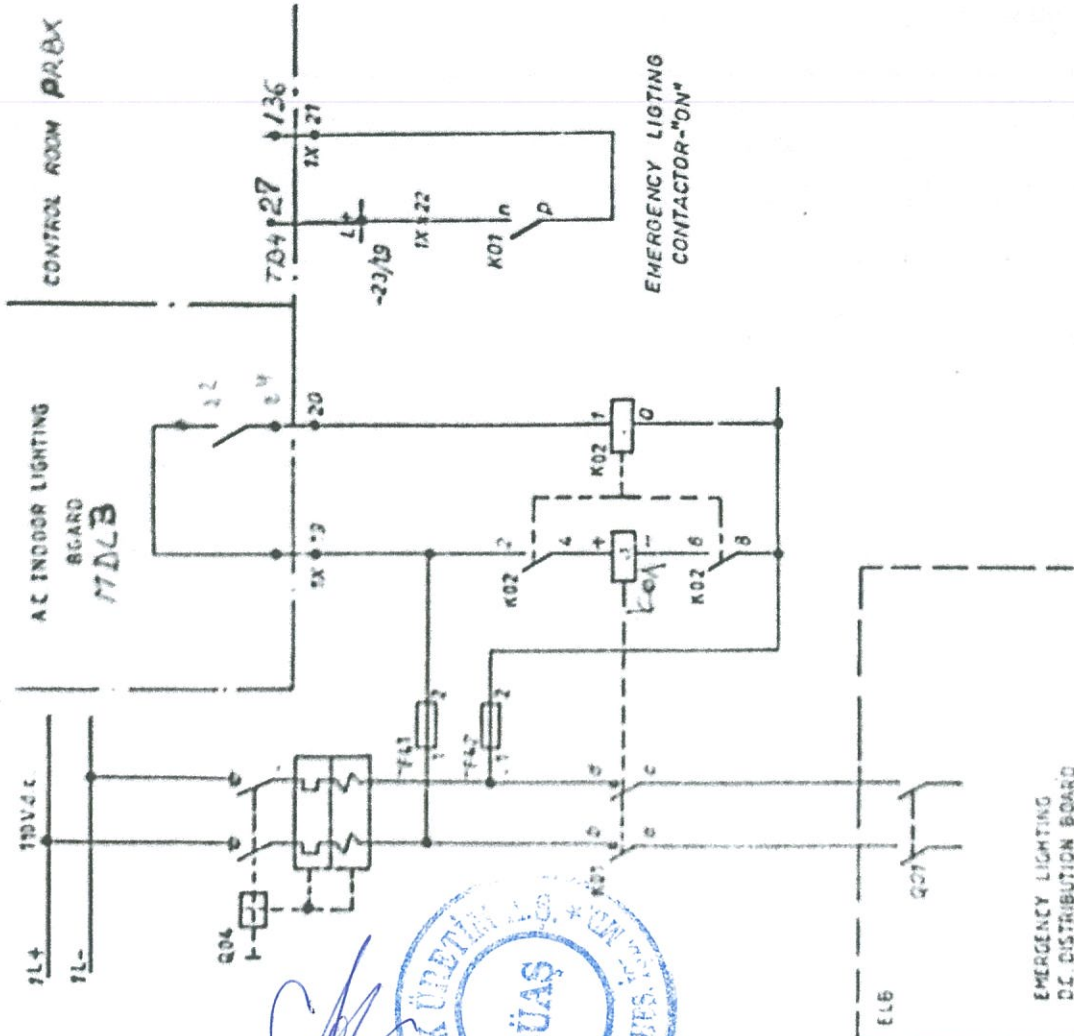
EK-1

CONTROL ROOM C3



C.B POSITION CONTACT					
BATTERY CH. 2 C.B.		BATTERY CH.1 C.B.		BATTERY C.B.	
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EK-1



MD8-dc main distribution board

NOELL		PREUSSAG-SALZGITTER	
RONENERGO-SA		ROMANIA	
I P A		BUCURESTI	
Scale		MD8 Emergency lighting	
Drawing No.		CAT-12 3-24	
Date		1955 12-17-74	
Signature		All rights reserved	

APPROVED	DATE	SIGNATURE
AS BUILT		
Emergency lighting "on" contact		

10/10

3-K-2

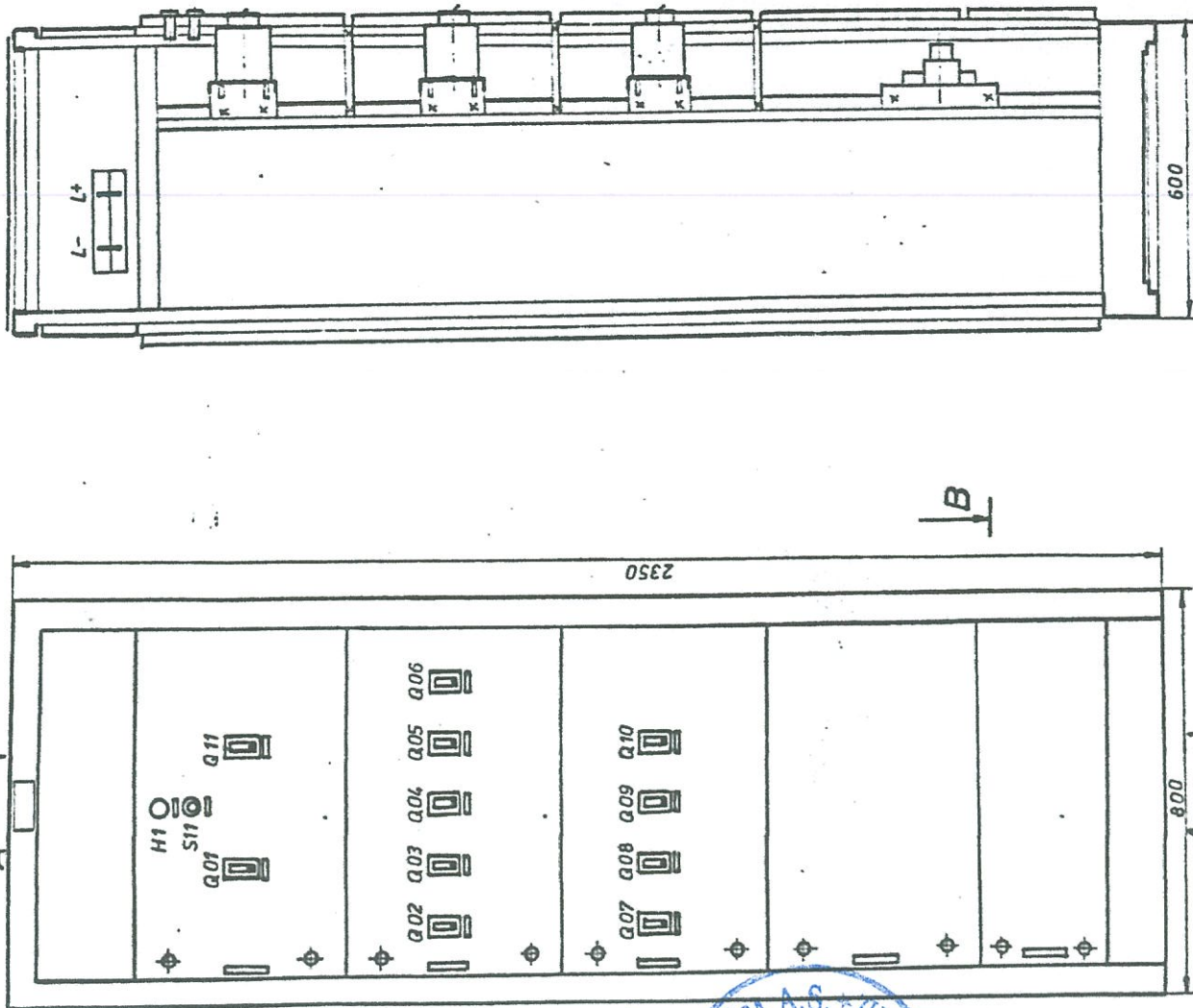
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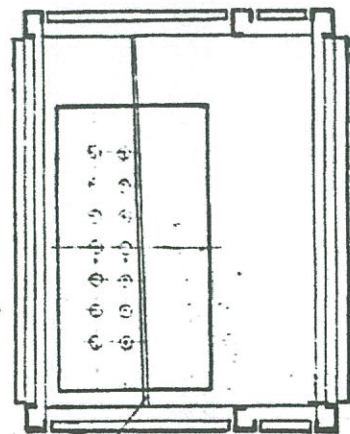
B

[Handwritten signature]

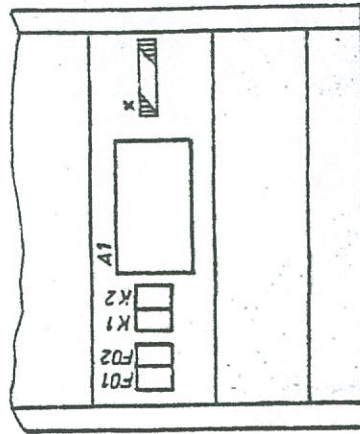
A-A



B-B



C' ARROW VIEW WITHOUT DOOR
VEDERE DIN "C" FĂRĂ UȘĂ

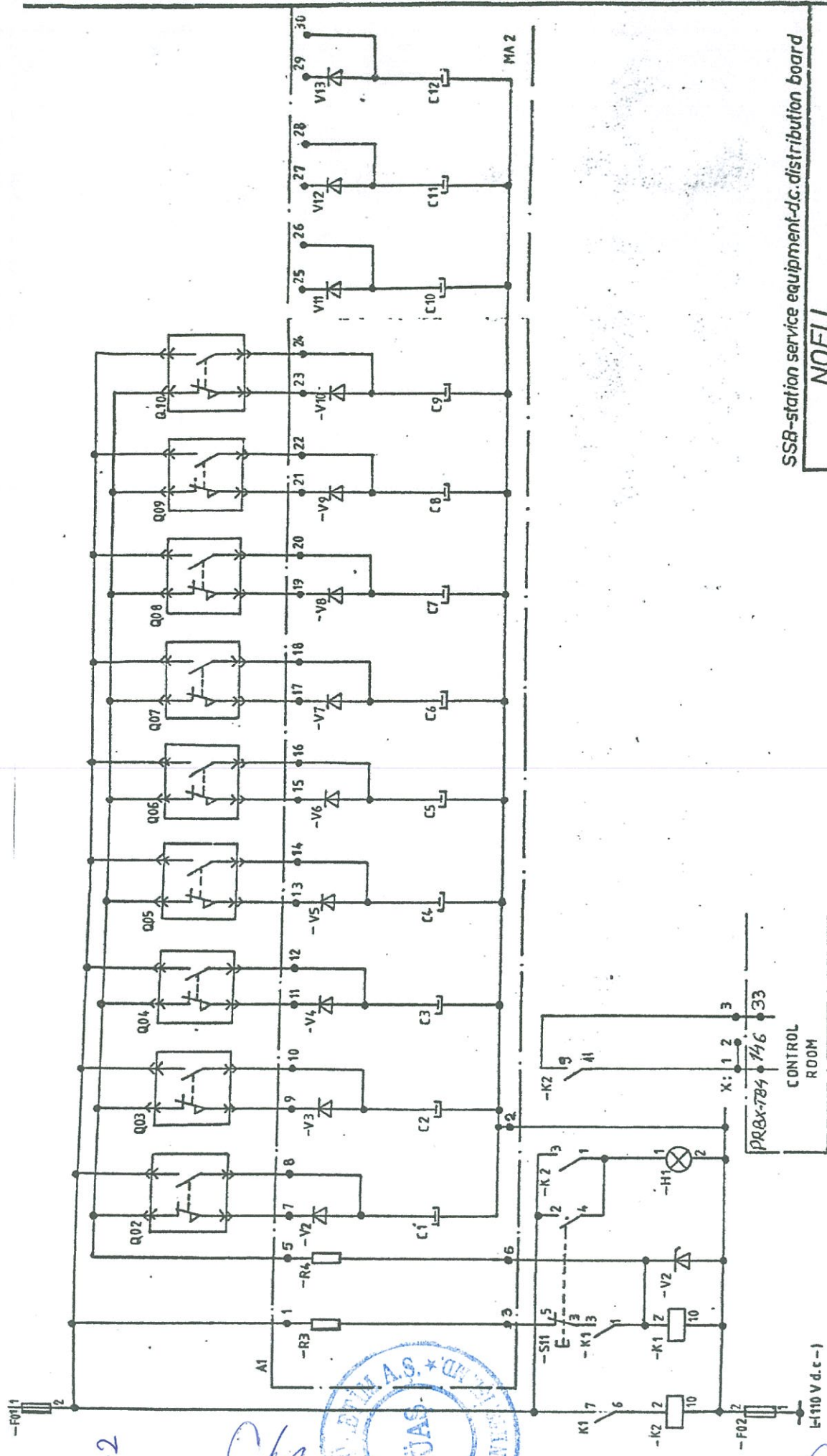


C

SSB STATION SERVICE EQUIPMENT
DC DISTRIBUTION BOARD

NOELL			
PREUSSAG - SALZGITTER		ROMANIA	
ROMENERGO - SA		BUCURESTI	
I P A		NOELL Order No 5 0 6 3 1 0 7 7 8	
Designed Voica	Checked Toluca	CAT-12.3-13	
Drawn Sten	Approved Toluca	Drawing No 4 8 6 3 4 0	
SSB BOARD ARRANGEMENT DULAP SSB			
Scale: 1:10	All rights reserved		
Index			365.14-12.3-13 1/-

APPROVED		DSI	
AS BUILT		SIGNATURE	
DRAWING		DATE	
12.92	Name		
Date	Name		
Revision			
A Arrangement			
Index			



SSB-station service equipment-d.c. distribution board

NOELL		NOELL Order No.	
PREUSSAG-SALZGITTER	ROMANIA	6	0 0 3 1 9 7 7 16
ROMENERGO-SA	BUCURESTI	CAT-12.3-27	
IP A	Checked	Drawing No.	
Designed	Drawn	Index	
Approved	Scale	Drawing No.	
SSB	Alarm	Index	
Semnalizare		365.16-12.3-27	
All rights reserved		1/-	

C. B TRIPPED	
INDICATION	ALARM

APPROVED		DATE		SIGNATURE	
AS BUILT		DATE		SIGNATURE	
DRAWING		DATE		SIGNATURE	
Revision		Date		Name	
Index		Date		Name	

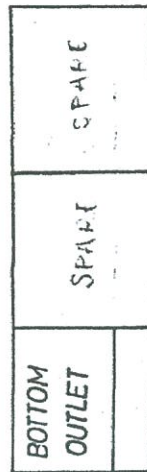
3/3

Diagram illustrating the calculation of the geometric mean radius (r_g) for a three-phase transmission line with three parallel conductors (Q12, Q13, Q14). Each conductor has a cross-sectional area of $12 \text{ Myf } 6 \text{ mm}^2$.

The formulas for calculating r_g for each phase are:

- For Q12: $r_g = \frac{100AF}{I_r = 16A}$
- For Q13: $r_g = \frac{100AF}{I_r = 16A}$
- For Q14: $r_g = \frac{100AF}{I_r = 16A}$

The diagram also shows the conductors connected to a common neutral point (N) and a ground point (E).



Bos	Bos	Bos
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**ELB-EMERGENCY LIGHTING
D.C. DISTRIBUTION BOARD**

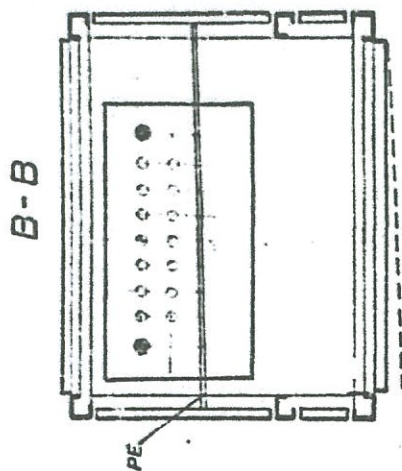
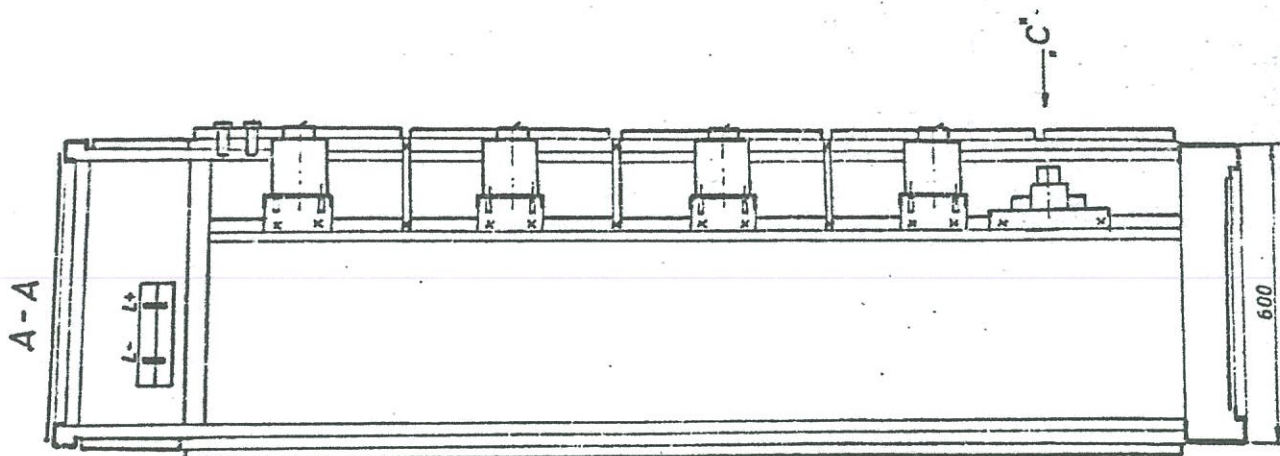
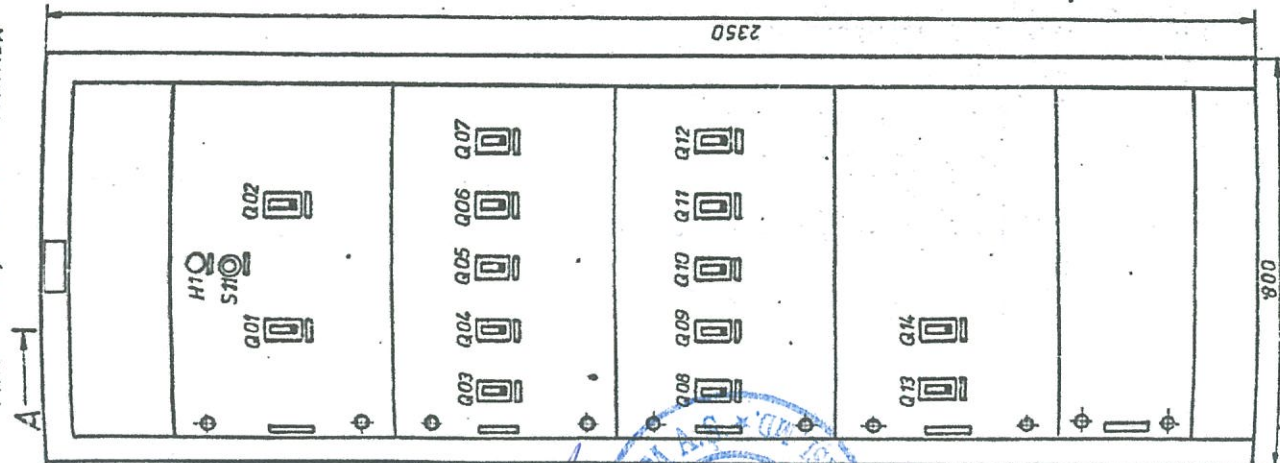


NOELL		PREUSSAG-SALZGITTER	
ROMENERGO-SA	ROMANIA	BUCURESTI	
I P A			
Assigned	Location	Area	Checked
Station	Area		
Scale	ELB BOARD-SINGLE LINE		
	DIAGRAM		
	Schemă monofilară ELB		
All rights reserved			
365.14-12-3-20		27	

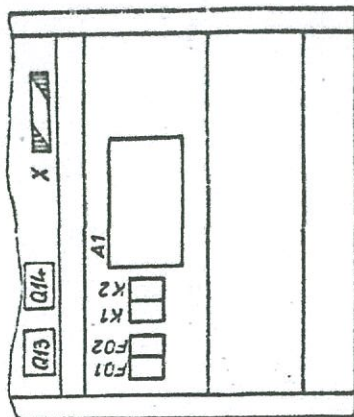
INDEX	Revision	Date	Name	APPROVED	DATE	DSI	
						SIGNATURE	
				AS BUILT			
				DRAWING			

 $\frac{2}{14}$

FRONT VIEW / VEDERE FRONTALĀ



"C" ARROW VIEW WITHOUT DOOR
VEDERE DIN "C" FĂRĂ UȘĂ

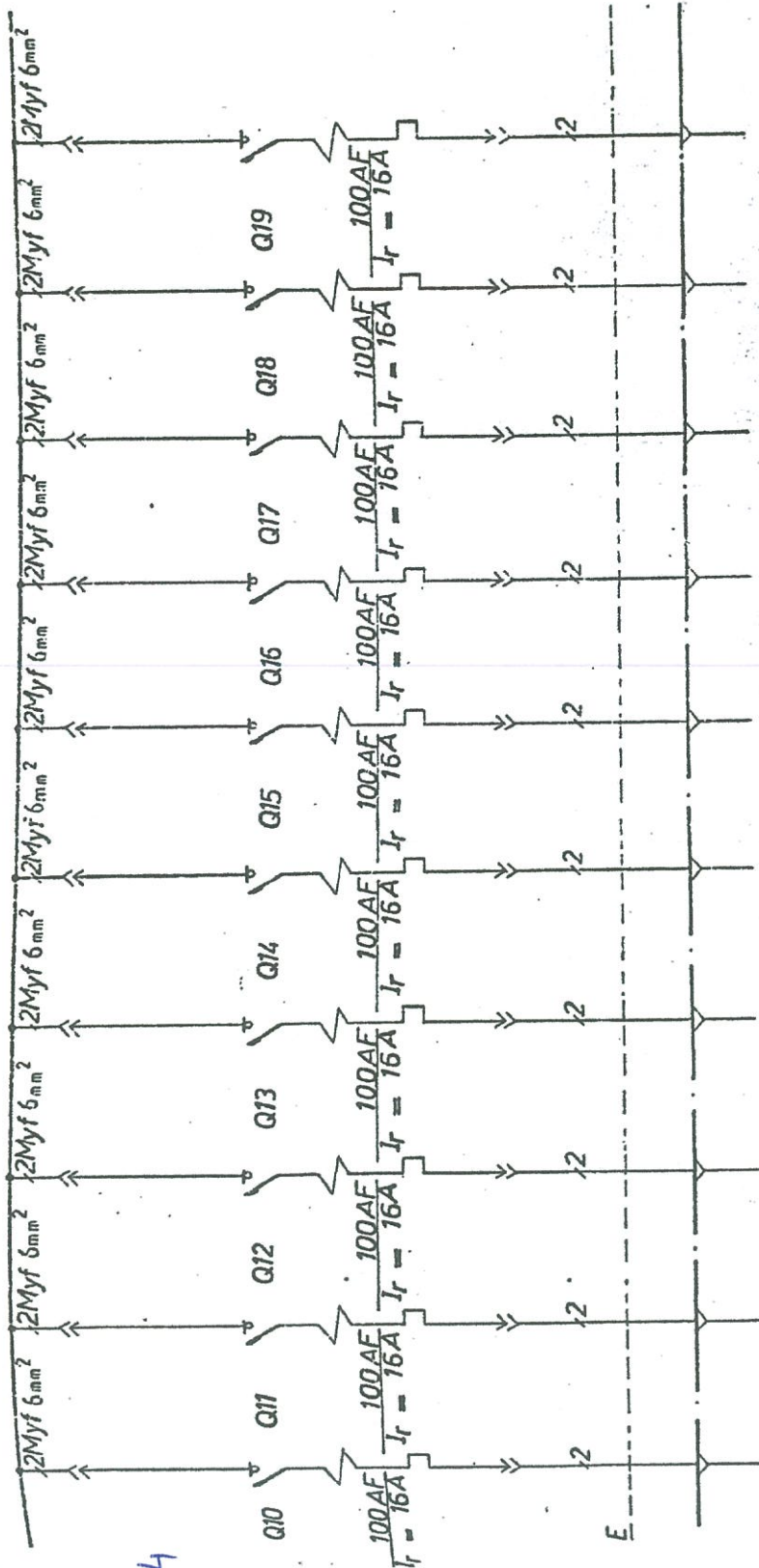


ELB-EMERGENCY LIGHTING
D.C. DISTRIBUTION BOARD

NOELL		ROMANIA		BUCURESTI		NOELL Office No.		PAT-12.3 - 21	
PREUSSAG-SALZGITTER		ROMENERGO-SA		IPA		5 10 3 19 7 9 9		5 8 2 2 2 4	
Desigined Africa		Drawn Africa		Approved Africa		Checked Africa		5 8 2 2 2 4	
Scale: 1:10		ELB BOARD ARRANGEMENT		DULAP ELB		All rights reserved		Index	
								36514-12.3 - 21 1/-	

A	Arrangement of	1292	AS BUILT	APPROVED	DATE SIGNATURE	DATE
	Revision	Date	DRAWING			

EK-4



COMPRESSOR		FIRE PUMP		COOLING WATER INDICATION		MASTER CLOCK		ELECTRICAL WORKSHOP			
INDICATION	CONTROL	INDICATION	CONTROL								

CAB - COMMON AUXILIARIES
DC. DISTRIBUTION BOARD

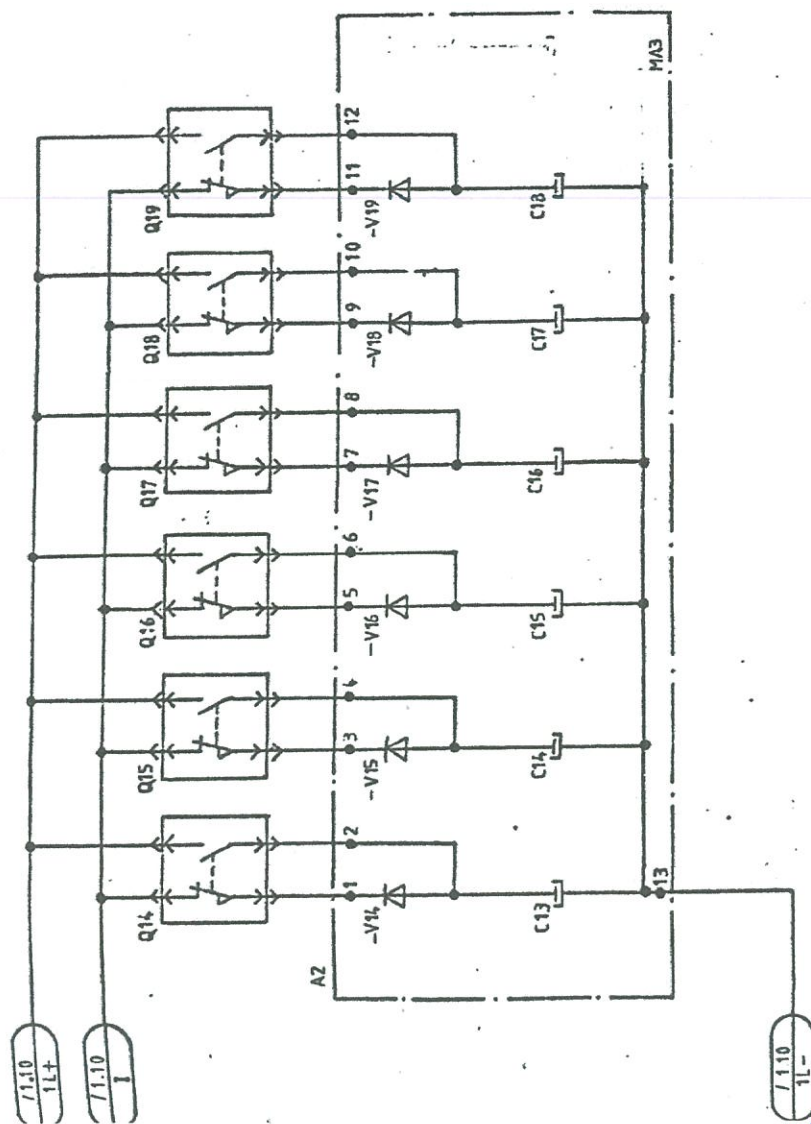
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NOELL		PREUSSAG - SALZGITTER		ROMANIA		BUCURESTI		Sheet		Order No.	
ROMENERGO - SA		I P A		Scale		Drawing No.		4		5	
CAB BOARD - SINGLE LINE		DIAGRAM		CAB		Scheme		4		5	
All rights reserved		365.14-123-15		24		CAT-123-16		4		5	

APPROVED		DATE		SIGNATURE	
AS BUILT		DATE		SIGNATURE	
DRAWING		DATE		SIGNATURE	
Revision		Date		Name	

4-73



CAB-common auxiliaries-d.c. distribution board

NOELL		ROMANIA		NOELL		Order No.	
PREUSSAG-SALZGITTER		BUCURESTI		6 0 0 1 9 7 7			
ROMENERGO-SA		I P A		4AI-12.3-29			
Designed by		Checked by		Drawing No.			
Drawn by		Approved by		6 0 0 1 9 7 7			
Scale		Alarm					
CAB		Semnalizare					
		All rights reserved		Index			
				365.14-12.3-29		21--	