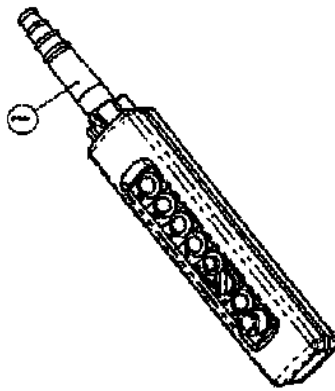
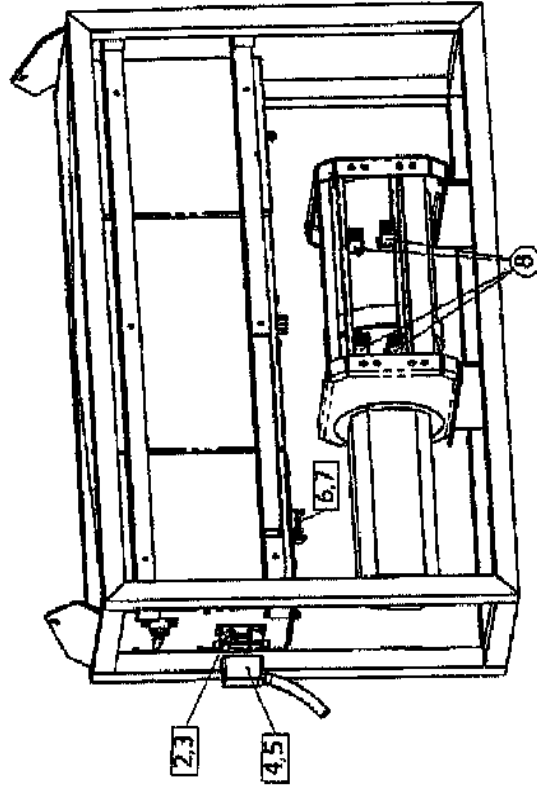


# Winch System - Electrical Components

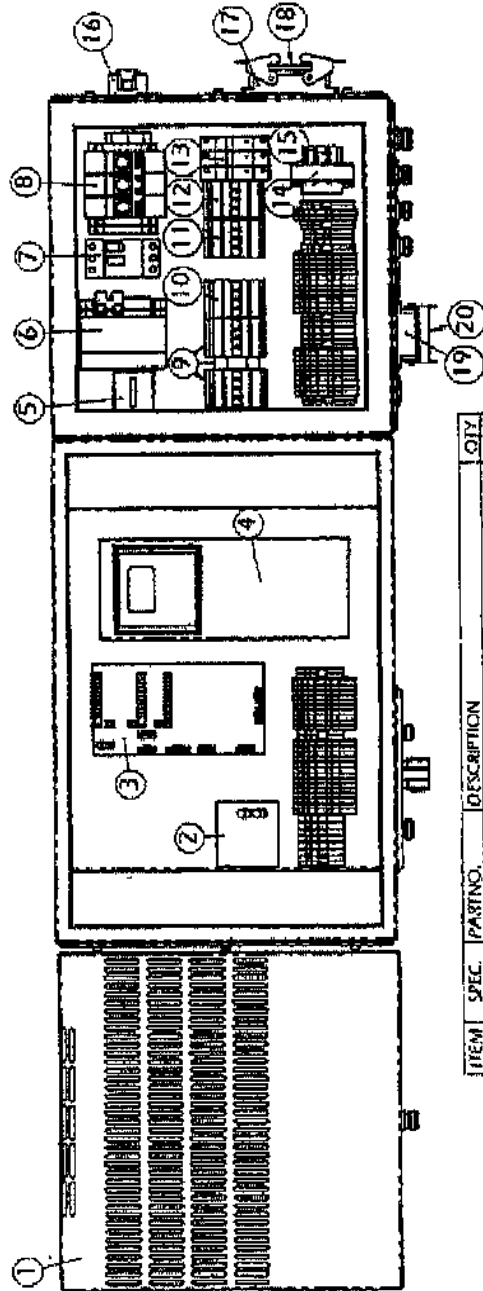


ITEM	PARTNO.	DESCRIPTION	QTY
1	RIG-3623-CDF	Remote Control Buttonbox & Cable	1
2	RIG-3617-CDF	Connector Housing (Remote Control)	1
3	RIG-3625-CDF	Interior Bush (Remote Control)	1
4	RIG-3618-CDF	Plug Hood (Remote Control)	1
5	RIG-3626-CDF	Interior Pin (Remote Control)	1
6	RIG-3629-CDF	Connector Housing (Drive Motor)	1
7	RIG-3630-CDF	Interior Bush (Drive Motor)	1
8	RIG-3618-CDF	Limit Switch	4



MACHINE TYPE:  
EBE RIG CDF

# Rigging System - Winch Electrical Components

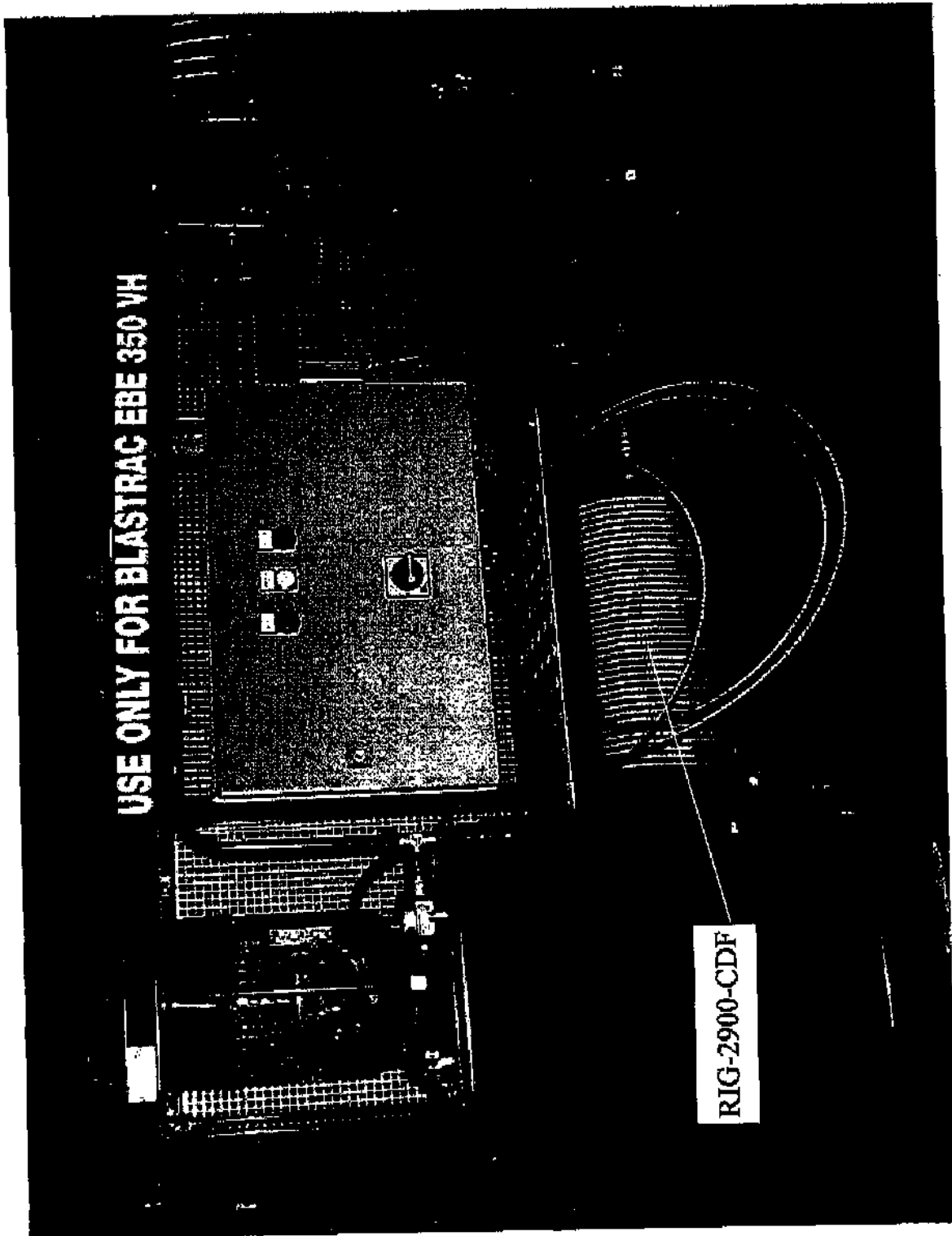


ITEM	SPEC.	PARTNO.	DESCRIPTION	QTY
1	A-R1	RIG-3615-CDF	Cooling Resistor Box	1
2	A4	RIG-3612-CDF	Nova Speed Supervision 50/60 Hz	1
3	A3	RIG-3613-CDF	P.C.B. Dynaboard	1
4	A-A1	RIG-3610-CDF	Variator	1
5	A-PI	RIG-3609-CDF	Time Counter	1
6	O-F1	RIG-3602-CDF	Transformer 320VA	1
7	O-F7	333-3447	Overload 2.5 - 4.0A	1
8	O-O10	RIG-3600-CDF	Main Switch with Fuses	1
9	E-K1-1/2	RIG-3622-CDF	Contactor Drive Left/Right	1
10	A-RM1	RIG-3604-CDF	Variable Contactor	1
11	A-RM7	RIG-3605-CDF	Brake Contactor	1
12	O-KM1	RIG-3603-CDF	Main Contactor	1
13	E-F1	RIG-3633-CDF	Breather with Fuses Drive Left/Right	1
14	A-F11	RIG-3608-CDF	Brushwear Thermistor	1
15	A-G1	RIG-3607-CDF	Brake Control Unit	1
16		RIG-3601-CDF	Main Switch Handle	1
17		RIG-3617-CDF	Connector Housing Remote Control	1
18		RIG-3625-CDF	Interior Bush Remote Control	1
19		RIG-3629-CDF	Connector Housing Rigging Drive Motor	1
20		RIG-3630-CDF	Interior Bush Rigging Drive Motor	1

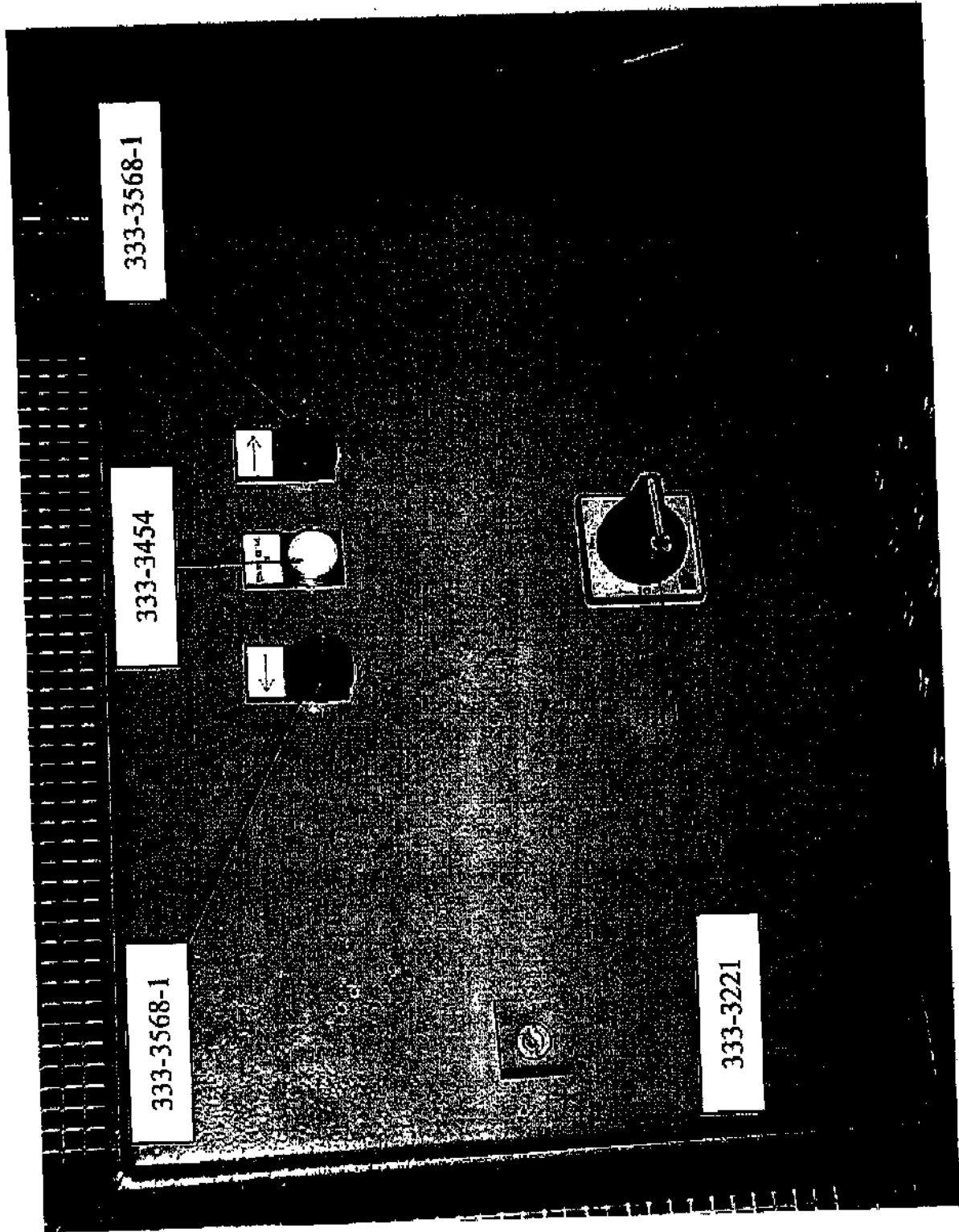
MACHINE TYPE  
**EBE RIG CDF**



# New winch system



RIG-4012-H



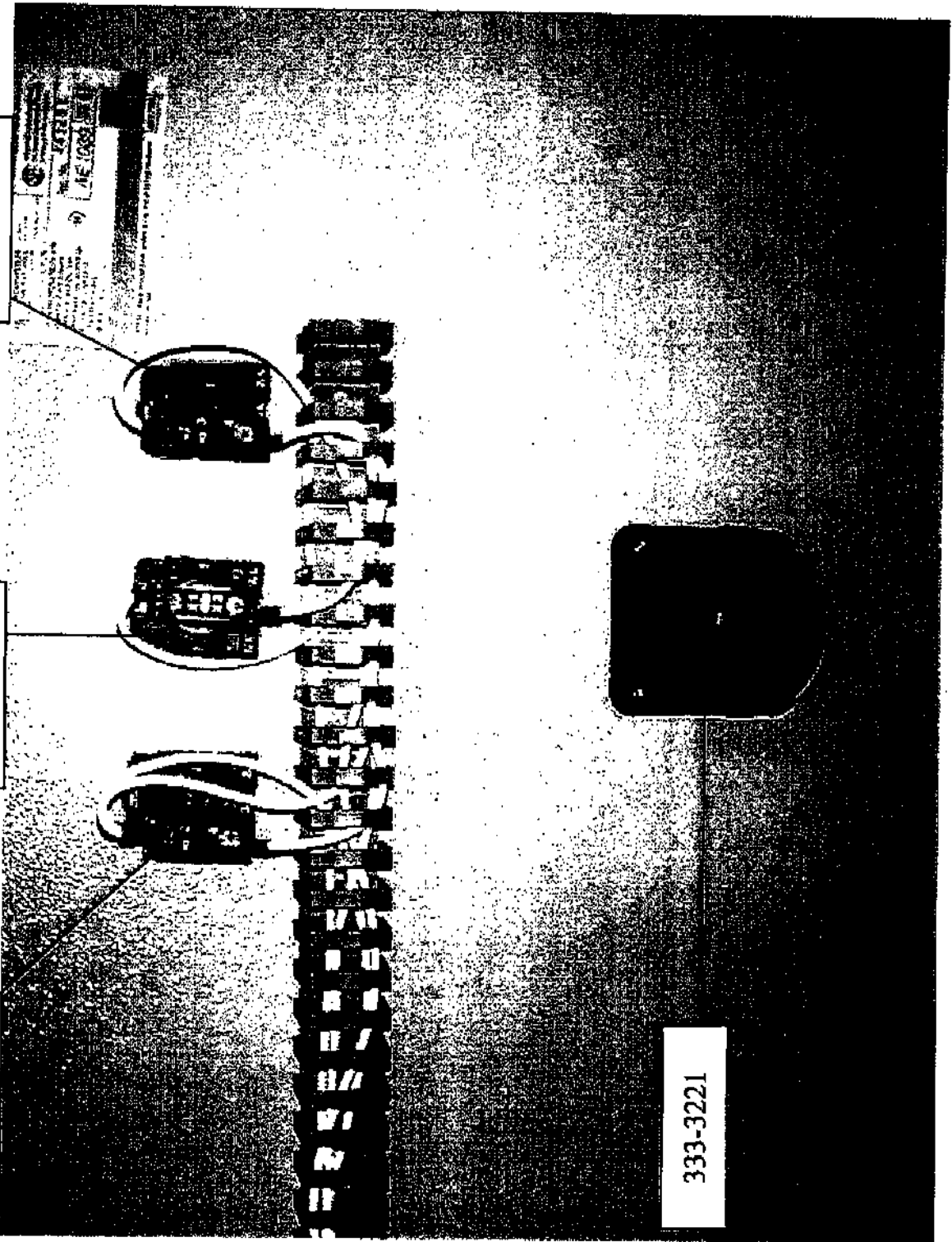
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333-3454

333-3568-1

333-3221



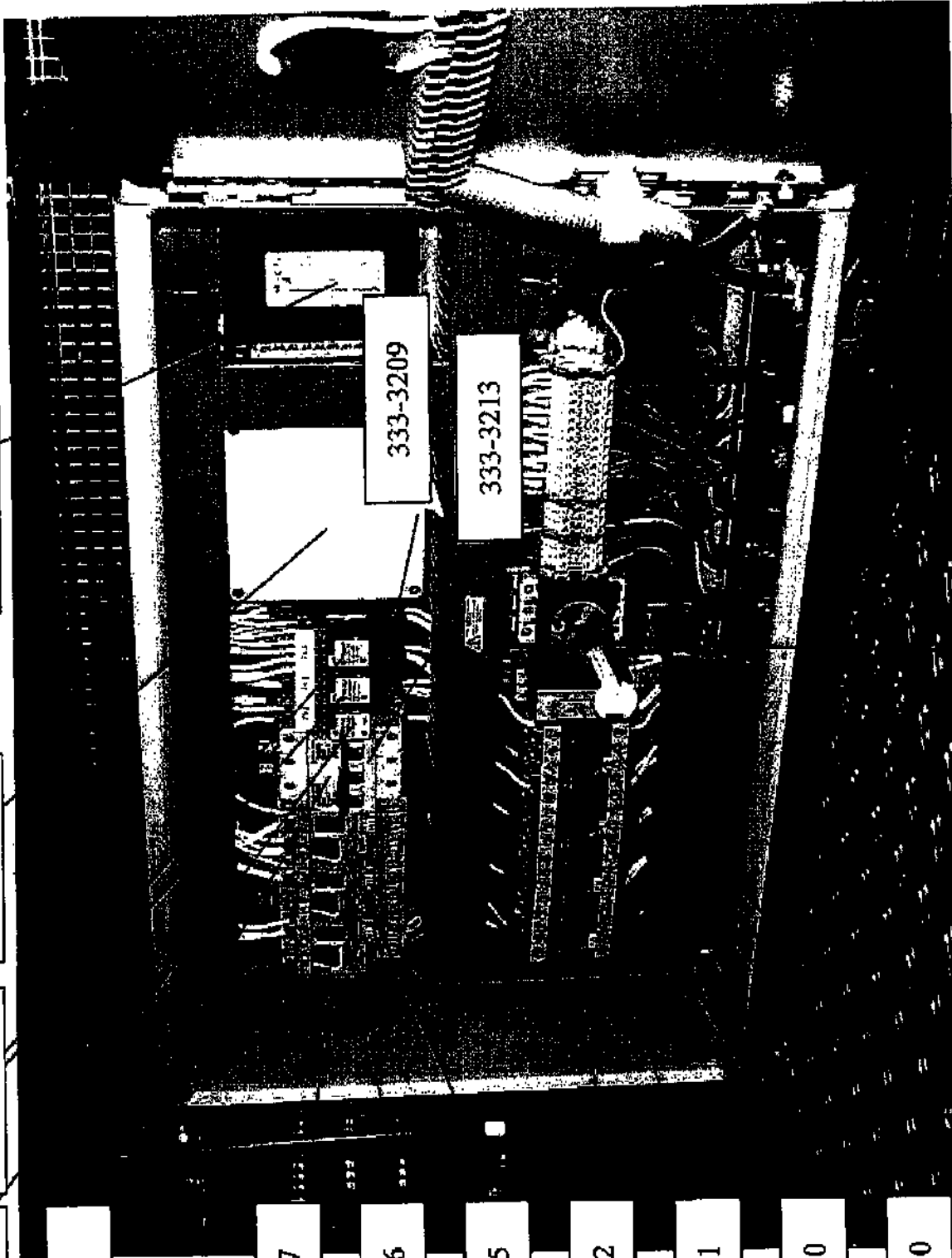


333-3568-1

333-3454

333-3568-1

333-3221



RIG-3651

E00416

333-3207

333-3206

333-3205

333-3212

333-3211

333-3210

333-3210

333-3572

RIG-3652

RIG-3360

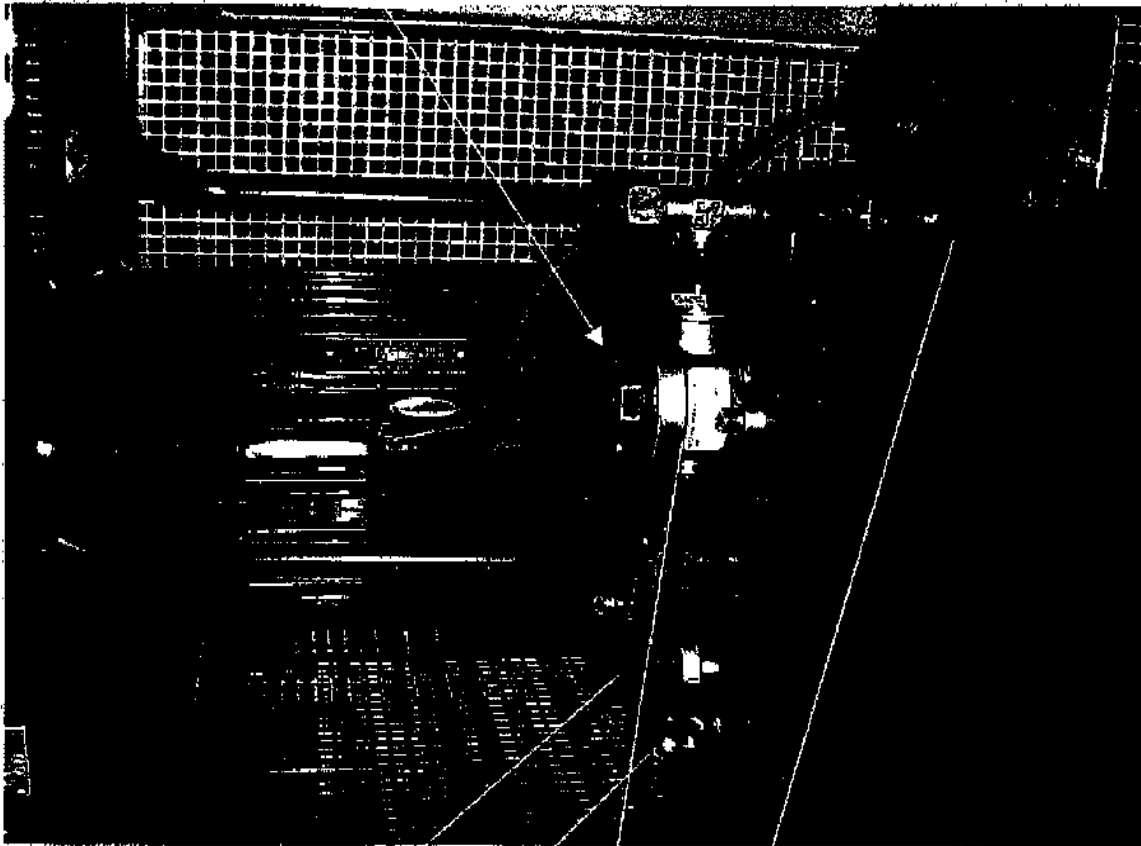
333-3214

333-3209

333-3213

333-3221

RIG-4012.09



RIG-4011

350-3085-S

035-4173-S

RIG-4010



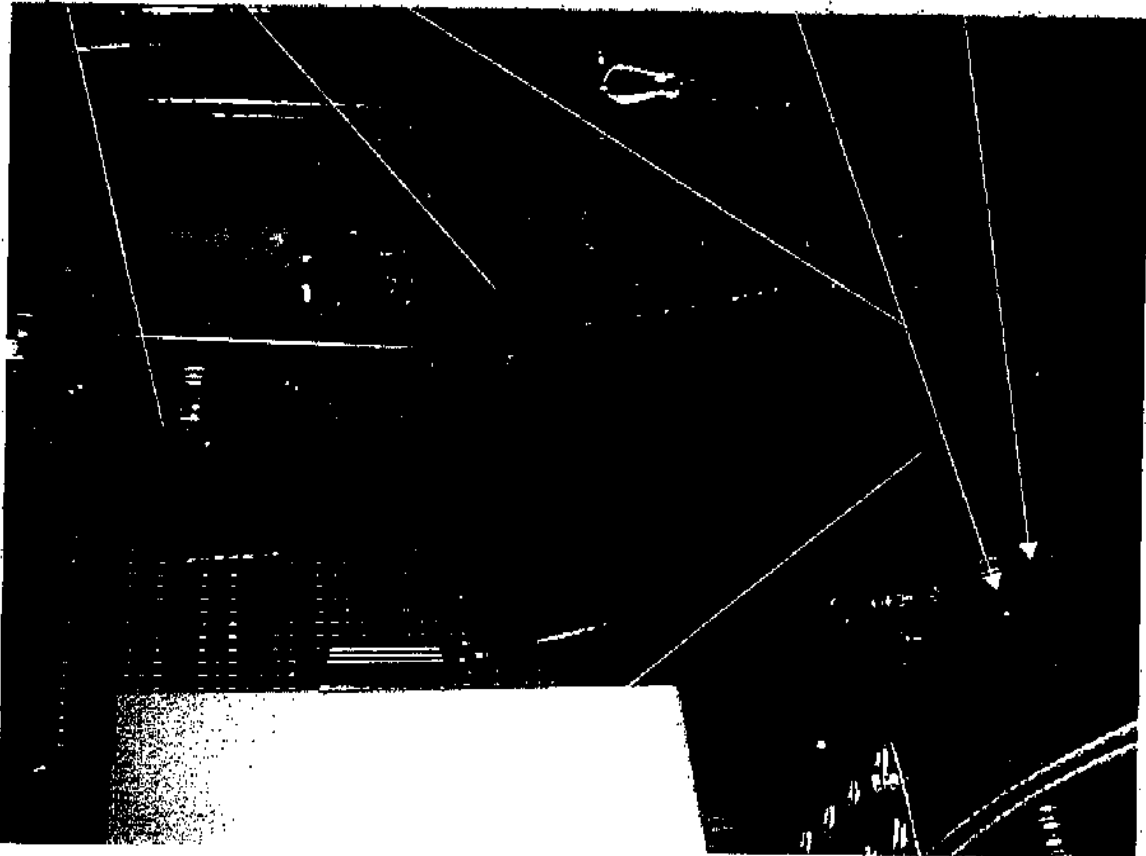
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RIG-4012.12

RIG-4008-2.H

RIG-4008.1-H

RIG-4008.3H



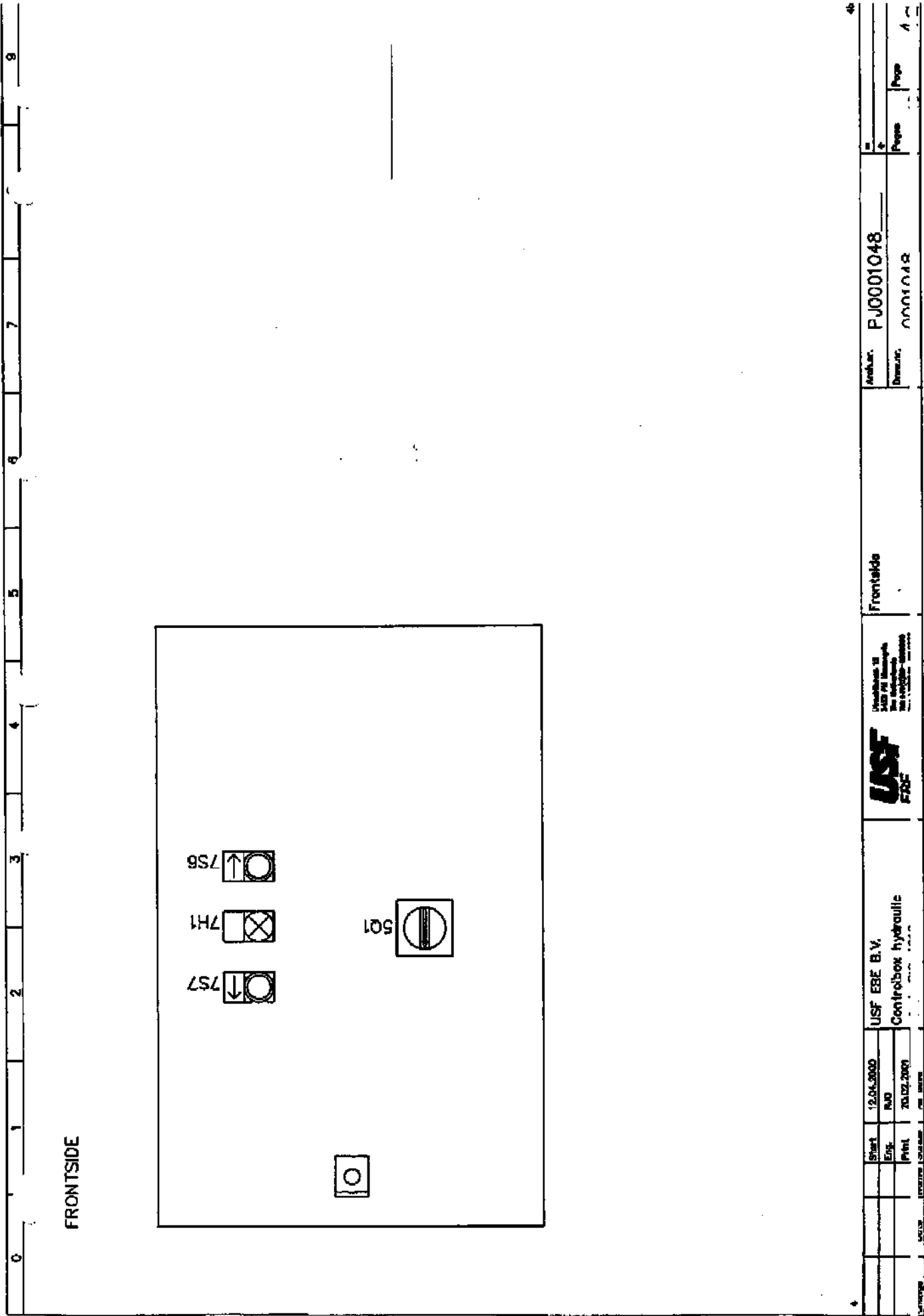
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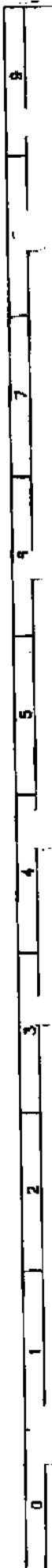




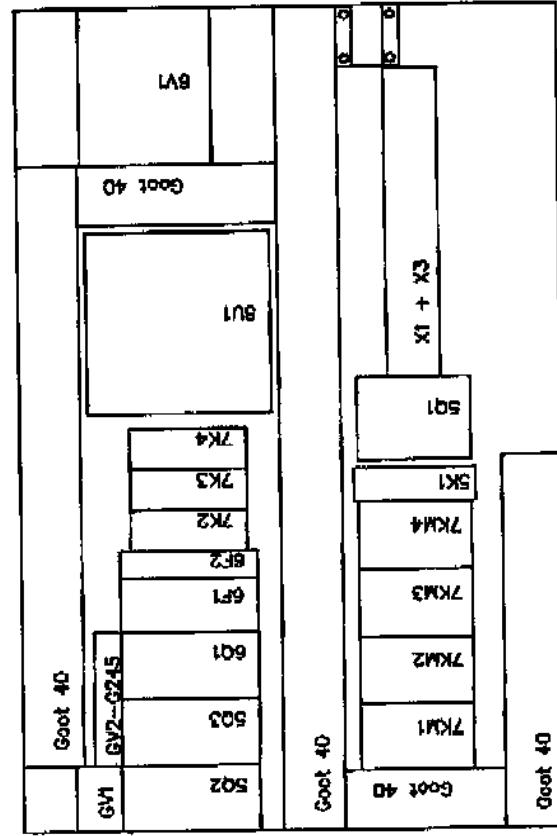
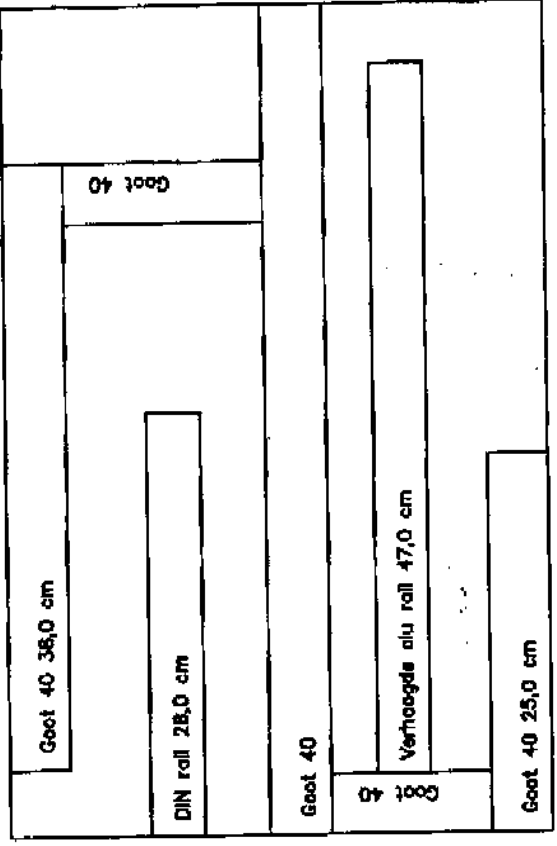


FRONTSIDE

Start	12.04.2000	USF EBE B.V.	Frontside	Art.Nr.	PJ0001048	Page	14
End	RD	Controlbox hydraulie	USF EBE	Dimens.	300x100	Page	1
Print	23.02.2007		USF EBE				



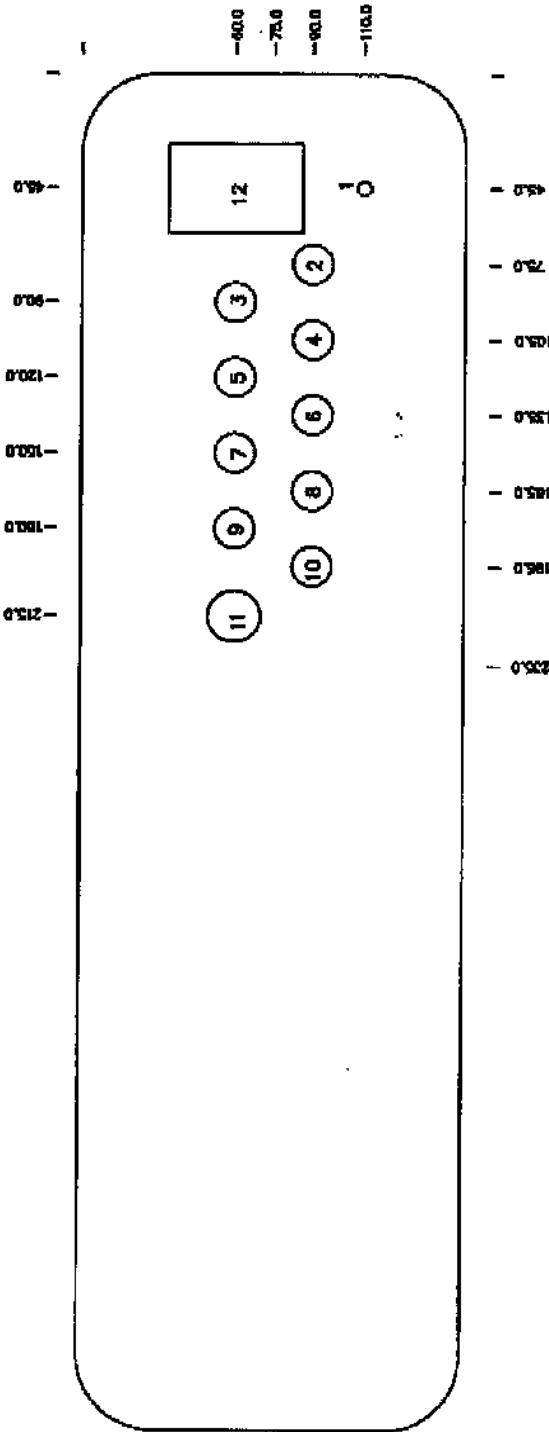
MOUNTINGPLATE



44	Start	12.04.2000	USF EBE B.V.	Mountingplate	Articulus	PJ0001048	Page	18
Change	Done	None	Controlbox hydraulic	USF EBE	Quantiteit	0001048	Page	4b
	Exp.	RUO	Controlbox hydraulic					
	Revisie	van 04-10-2007	Controlbox hydraulic					
	Stapel	As Build	Controlbox hydraulic					



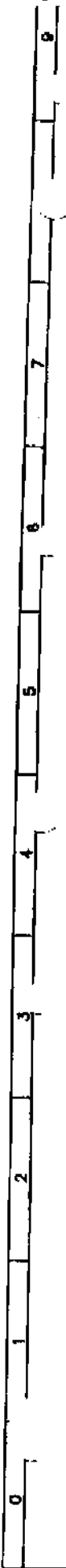
SWIVELPLATE



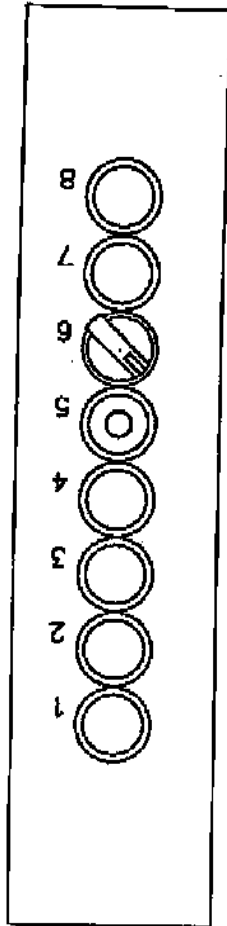
- 1: Bout M8
- 2: Wiertel PGS
- 3: Wiertel PGS
- 4: Wiertel PGS
- 5: Wiertel PGS
- 6: Wiertel PGS
- 7: Wiertel PGS
- 8: Wiertel PGS
- 9: Wiertel PGS
- 10: Wiertel PGS
- 11: Wiertel PGS16
- 12: Gat 35x52

4b	Start	12.04.2000	USF ESE B.V.	Swivelplate	Archiv	PJ0001048	4d
	Exp	RD	Controlbox Hydraulics				
Change	Date	Name	Status	As Build			
						0001048	18
							4C





# REMOTE CONTROL

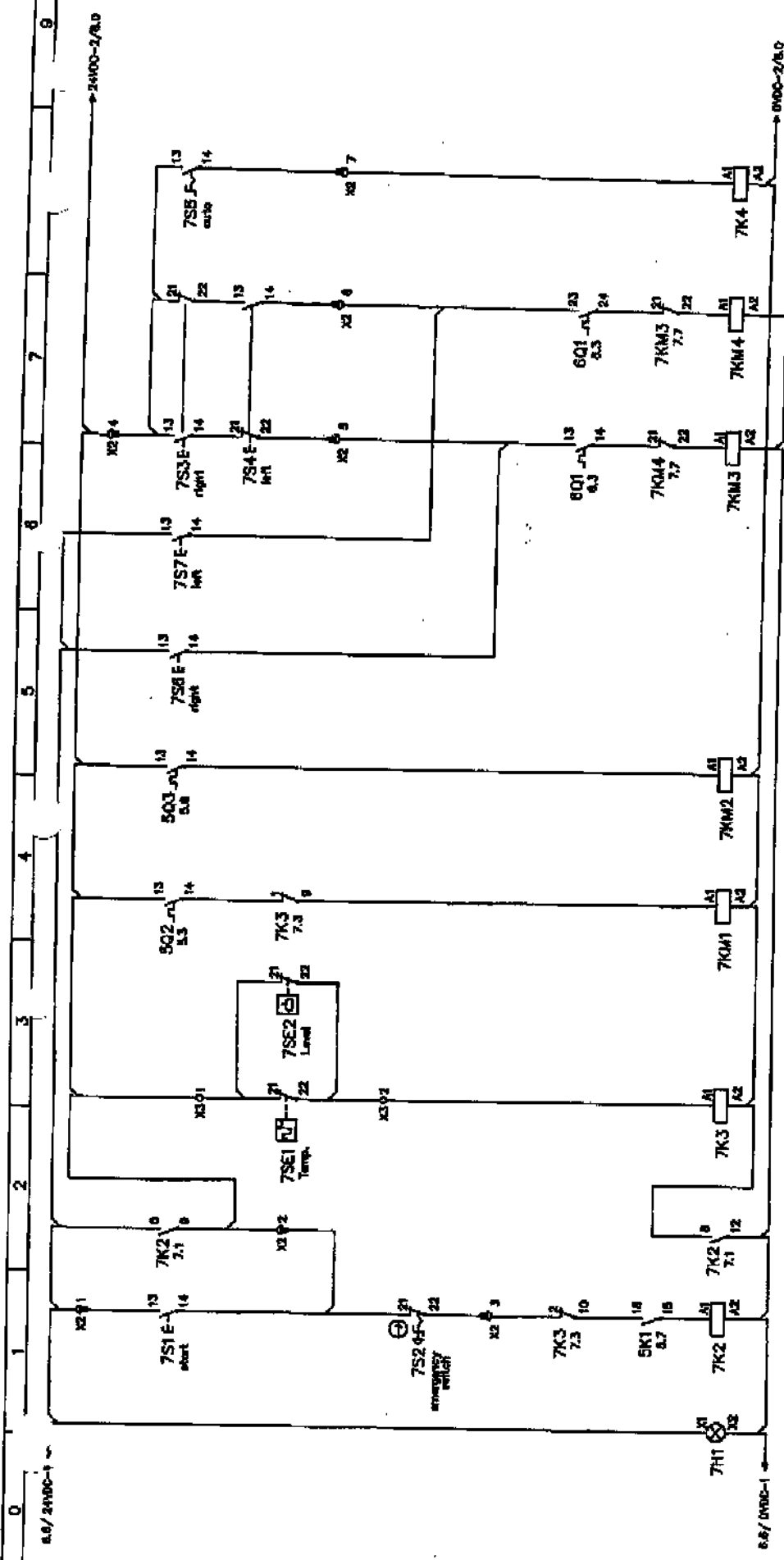


- 1: 8S1
  - 2: 8S2
  - 3: 7S3
  - 4: 7S4
  - 5: 8R1
  - 6: 7S9
  - 7: 7S1
  - 8: 7S2
- Up
  - Down
  - Right
  - Left
  - Max - Min
  - Auto mode
  - Start
  - Emergency switch

Start	12/04/2008	USF EBE B.V.	Architect	PJ001048	18	4d
End	N/A	Controlbox hydraulics	Designer			
Print	20.02.2007	Winch RIG 4012				
Change	None	As Built				
Date						
Name						
Status						
As Built						



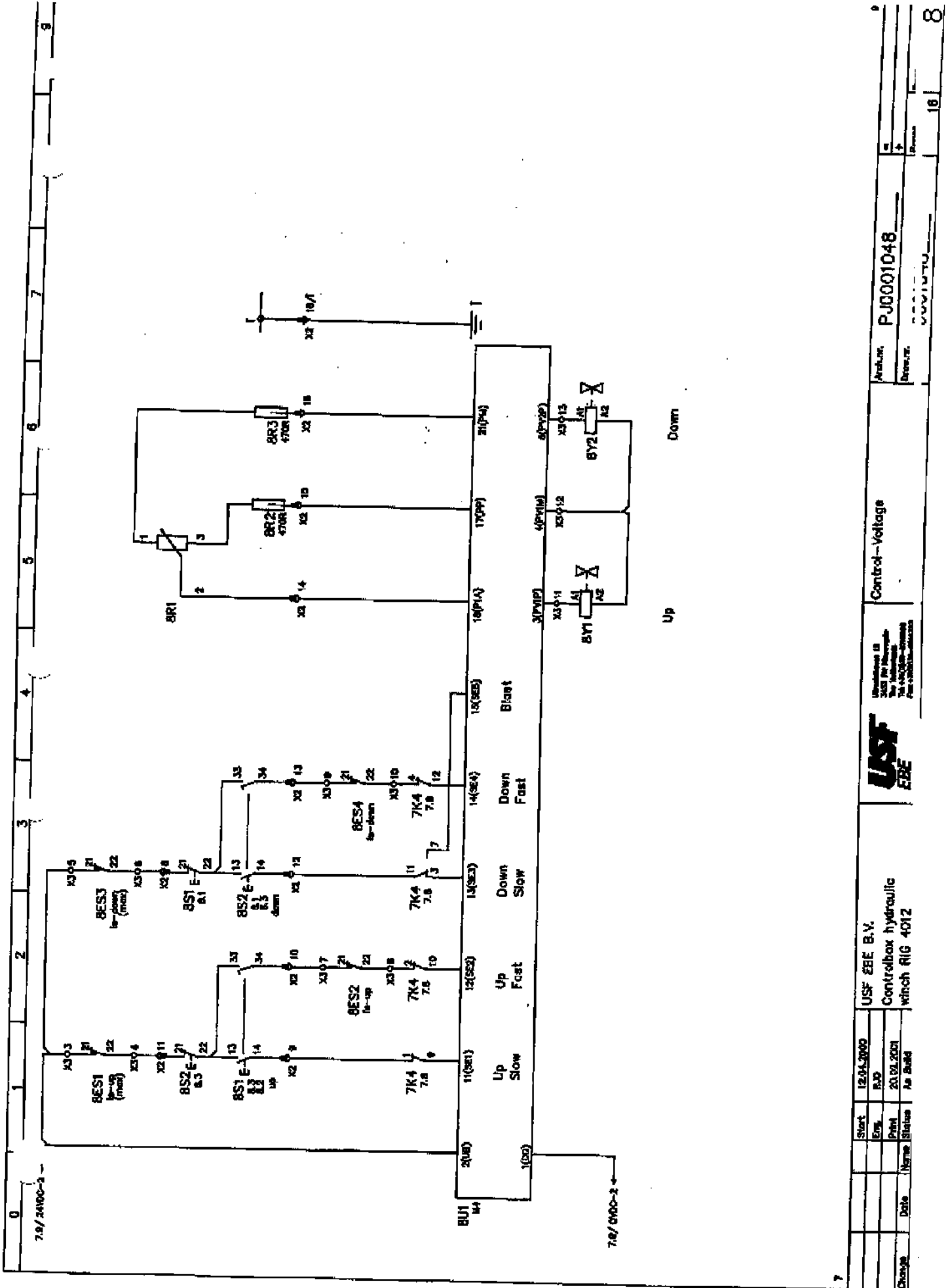




Control Voltage ON	Release	> Temp. < Level	Hydro	Cooler	Electrical Engine Right	Electrical Engine Left	Automatic
	8-8 7.2 8-12 7.2	1-8 7.4 2-10 7.1	1-2 8.2 3-4 8.2 5-6 8.3	1-2 8.6 3-4 8.6 5-6 8.6	1-2 8.2 3-4 8.2 5-6 8.3 7-8 8.3 9-10 8.3 11-12 8.3	1-3 8.3 3-4 8.3 5-6 8.3 7-8 8.3 9-10 8.3 11-12 8.3	1-8 8.1 9-10 8.2 11-12 8.3

USF EBE B.V.  
Controlbox hydraulic  
Winch RIG 4-012

Sheet	12.01.2000	USF EBE B.V.	Control-Voltage	Archiv.	PJ001048	16
Exk.	R/D			Drucker.		
Print	20.02.2001					
Drawn	At Build					
Date						



USF EBE B.V.  
Controlbox hydraulic  
winch RIG 4012

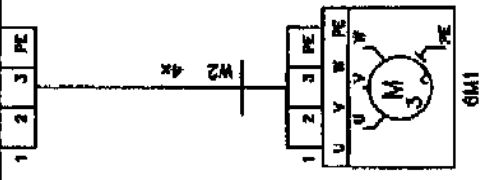
Start	12.04.2000
Rev.	RJD
Print	23.09.2001
Name	As Build
Date	

Control-Voltage

Project: PJD001048

Change			
Date			
Name			
Status			
Drawn by			
Checked by			
Approved by			
Scale			
Sheet	18		8

0	1	2	3	4	5	6	7	8	9
6C1									
Internal connection	TRAIL 2	TRAIL 4	TRAIL 6	1					
Bridge									
TermIncl	1	2	3	PE					

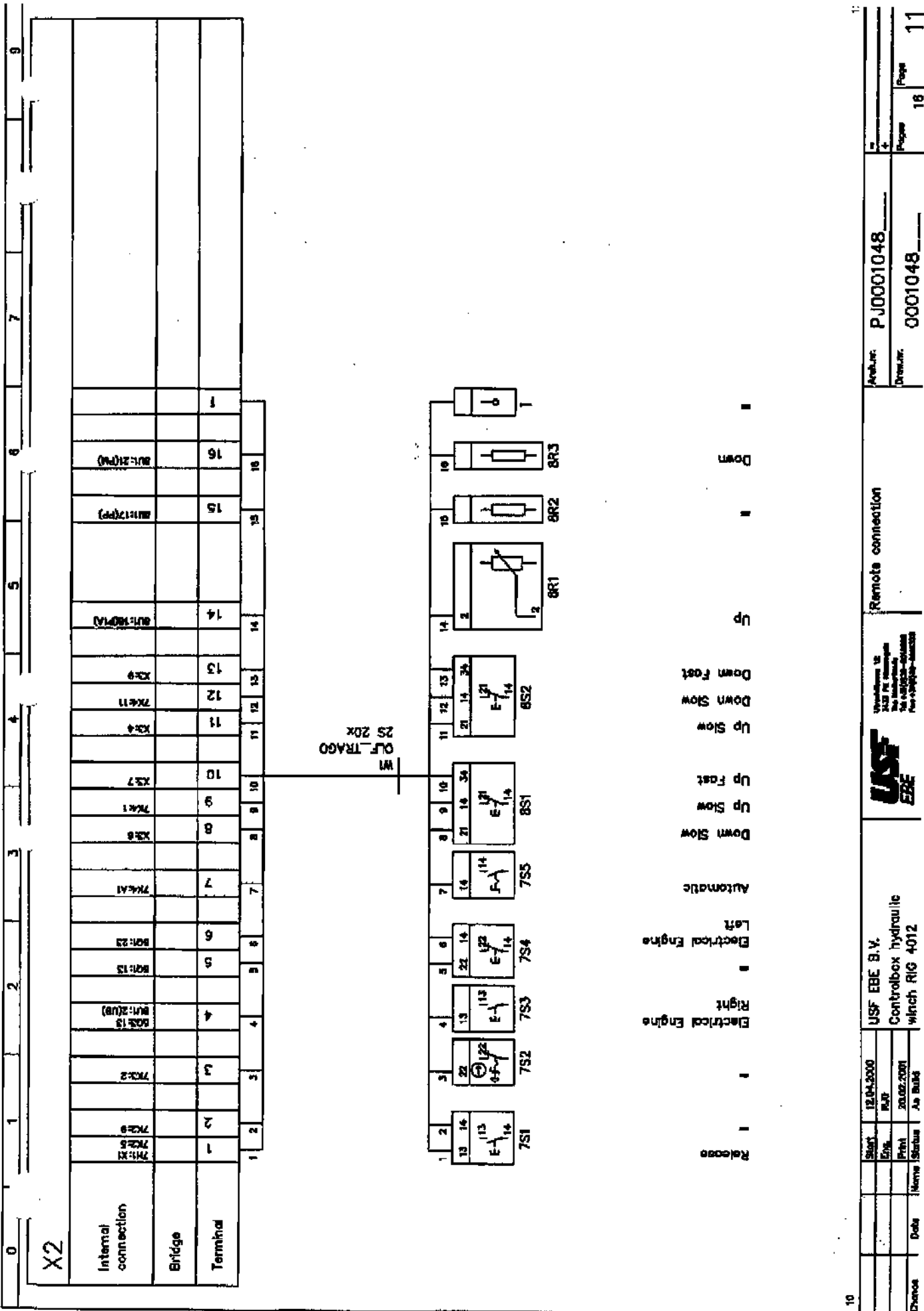


Electrical Engine  
Left - Right  
1 1 1 1

Start	12.04.2000	USF EBE B.V.	Contractor	PJ0001048	Architect	PJ0001048
End	P.U.D	Controlbox hydraulic	Electrical Engine		Director	0001048
Part	20.02.2001	winch RIG 4012				
Page	18					







Terminal	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	1
Internal connection	7K25	7K26	7K22	8S2 (S)	8S13	8S23	7K41	8S8	7K41	8S7	8S4	7K41	8S9	8S14 (S)	8S15	8S21 (S)	
Bridge																	

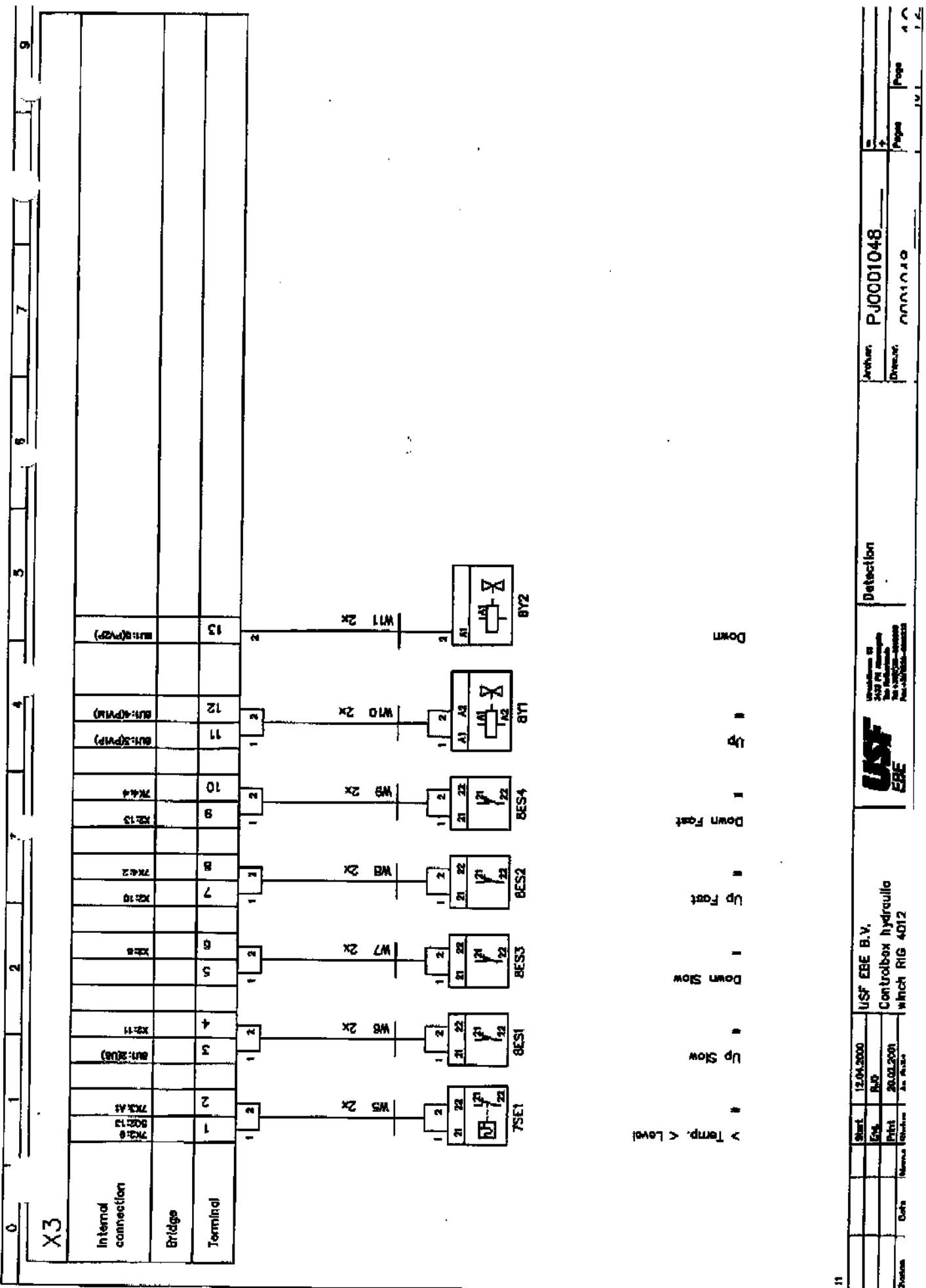
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End	14.07	Drawn:	0001048
Print	20.02.2001		
Date	14.08.04		
Sheet	16		
Page	16		
Page	11		



USF EBE B.V.  
Controlbox hydraulic  
winch RIG 4012

Remote connection





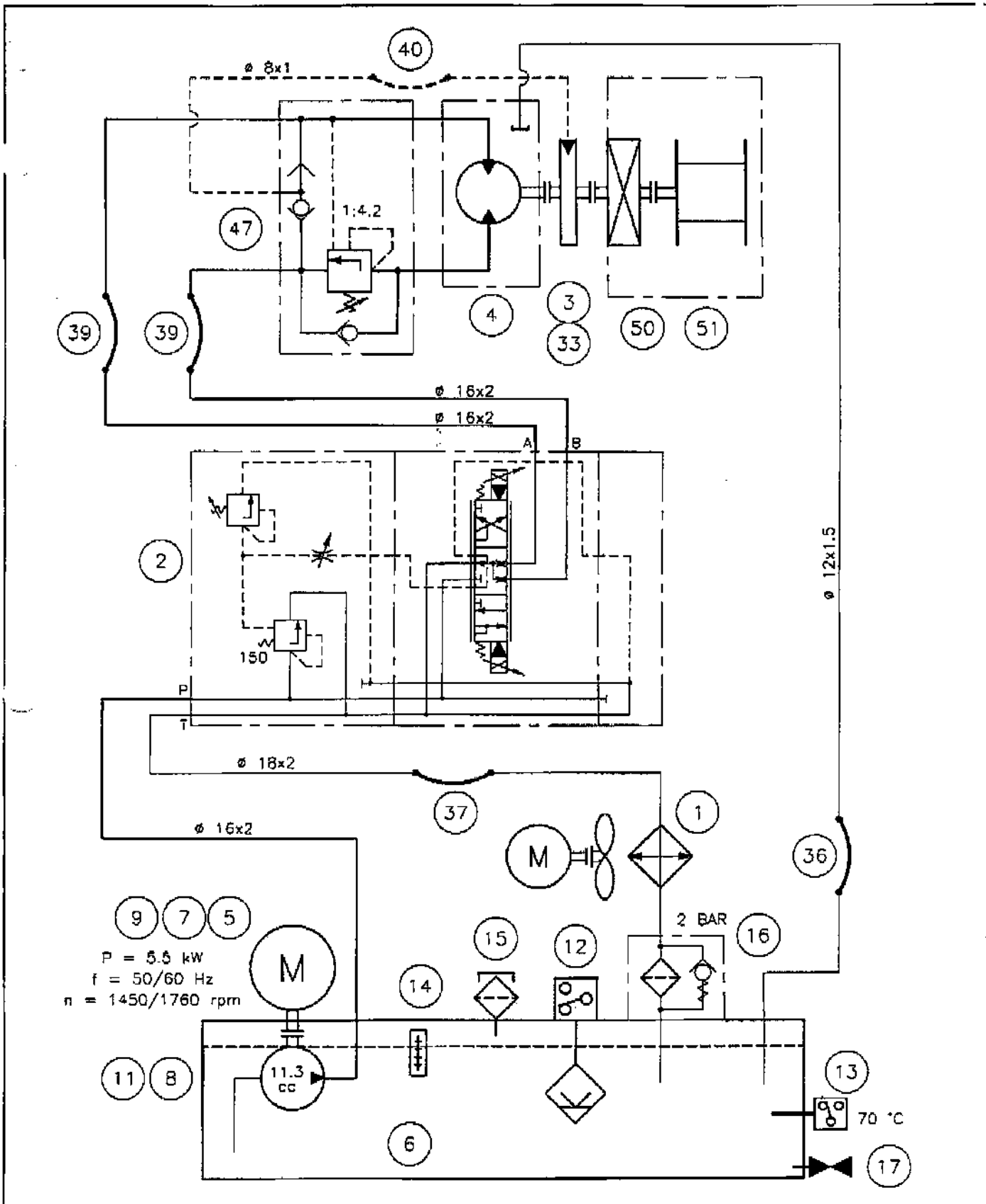
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File	810	Controlbox hydraulica	
Print	20.03.2001	Winch RIG 4012	
Author		PJ0001048	
Drawn		0000000	
Page			1/2



USF EBE B.V.  
Controlbox hydraulica  
Winch RIG 4012

Start	12.04.2000
File	810
Print	20.03.2001
Author	
Drawn	
Page	1/2

Temp > Low  
Temp > High  
Down > Up  
Down > Up  
Down > Up



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	DRAWN: RvdG	14-02-2001
	CHKD:	
	CHANGE:	NAME DATE

**HYDRAULIC CIRCUIT**  
**WINCH RIG 4012 (SWL 716 KG)**

ART4 TECHNICAL SYSTEMS B.V. BECKERINGHSTRAAT 55 3782 EV SOEST, THE NETHERLANDS TEL: +31 (0)35 5822468	DRAWINGNR. <b>RIG4012</b>
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