



 **TEREX** | COMEDIL

**SCHEMA ELECTRIQUE**

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# Grue Type CTT 181/A

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## Numero de Série

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GRU COMEDIL s.r.l.

Via S. Egidio 42/A, 33074 Fontanafredda (PN) - Italy  
Tel. (+39) 0434 567 311 - Teletax (+39) 0434 998631

Internet e-mail: [info@comedil.com](mailto:info@comedil.com)

Internet home page: [www.comedil.com](http://www.comedil.com)

L-070-01

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**SISTEMA  
QUALITA'  
AZIENDALE**   
certificato in accordo  
alla norma iso 9001:2000

## Tableau recapitulatif tableau

Tension Nominale : **400-460 V**

Frequence : **50-60 Hz**

Puissance necessaire :

Courant maxi 100% de la charge : **100 A**

Alimentation derivee de : **LIGNE**

Derivation alimentation pour : **QEG**

Derivation alimentation pour :

Derivation alimentation pour :

Derivation alimentation pour :

Derivation alimentation pour :

Derivation alimentation pour :

### DEPLACEMENT

Base tour :

Tour :

Element tour cabine :

Cabine :

Contre-fleche :

Fleche :

Porte-fleche :



# COMEDIL

Nom de Tableau : **TABLEAU LIGNE**

Dimensions : **308x206x150**

Degre de protection : **IP55**

Couleur : **RAL 7032 A 200'**

Climatisation : **RIEN**

### INDEX

Feuille 01 : **A2**

Feuille 02 : **A3**

Feuille 03 : **A4**

Feuille 04 : **A5**

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Feuille 06 : **B2**

Feuille 07 : **B5**

Feuille 08 : **D1**

Feuille 09 : **Z1**

Feuille 10 :

Feuille 11 :

Feuille 12 :

Feuille 13 :

Feuille 14 :

Feuille 15 :

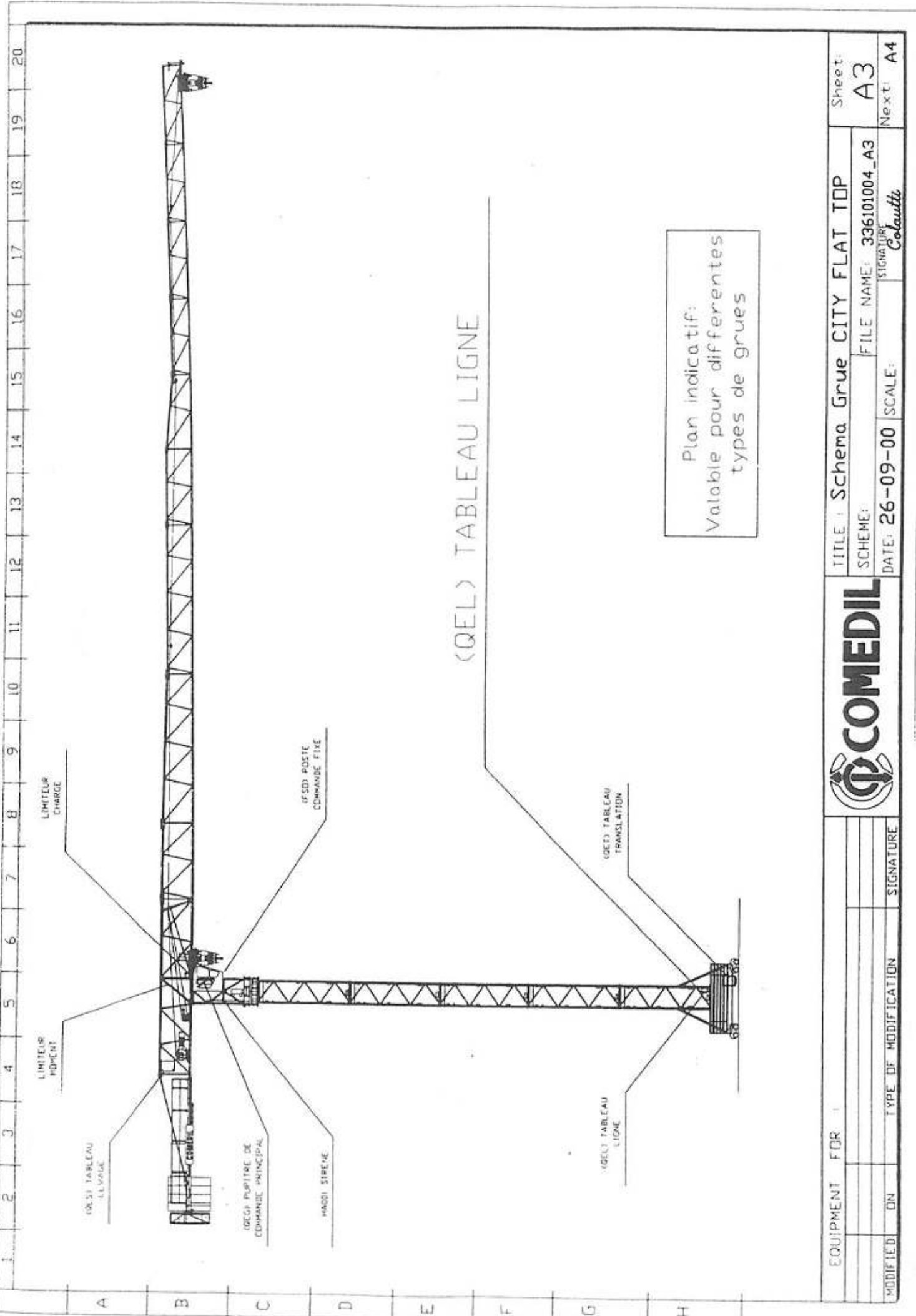
Feuille 16 :

Feuille 17 :

Feuille 18 :

Feuille 19 :

Feuille 20 :



(QEL) TABLEAU LIGNE

Plan indicatif:  
Valable pour différentes  
types de grues



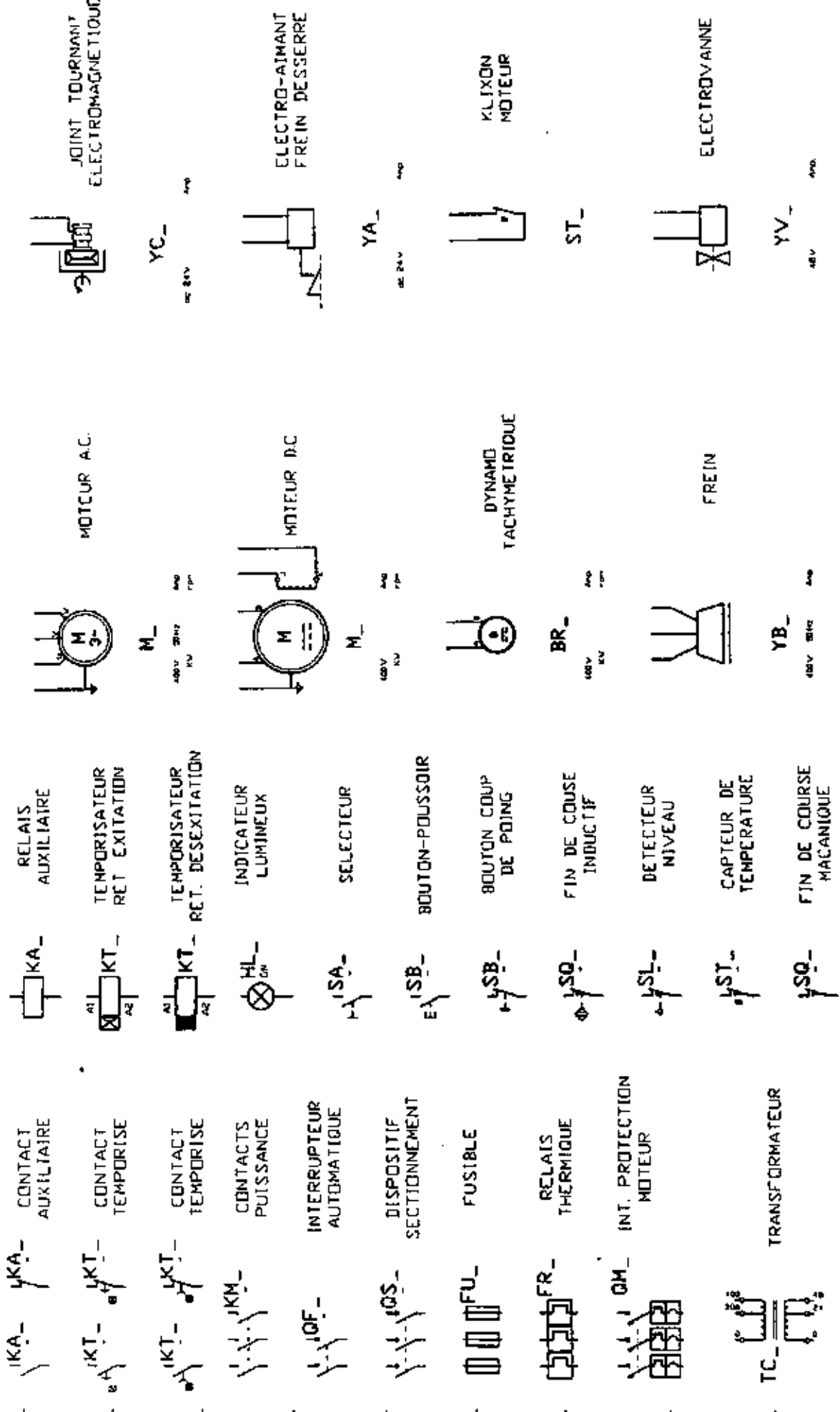
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MODIFIED ON	TYPE OF MODIFICATION
	SIGNATURE

TITLE: Schema Grue CITY FLAT TDP  
 SCHEME: FILE NAME: 336101004\_A3  
 DATE: 26-09-00 SCALE: SIGNATURE: Colautti

Sheet: A3  
 Next: A4

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A B C D E F G H

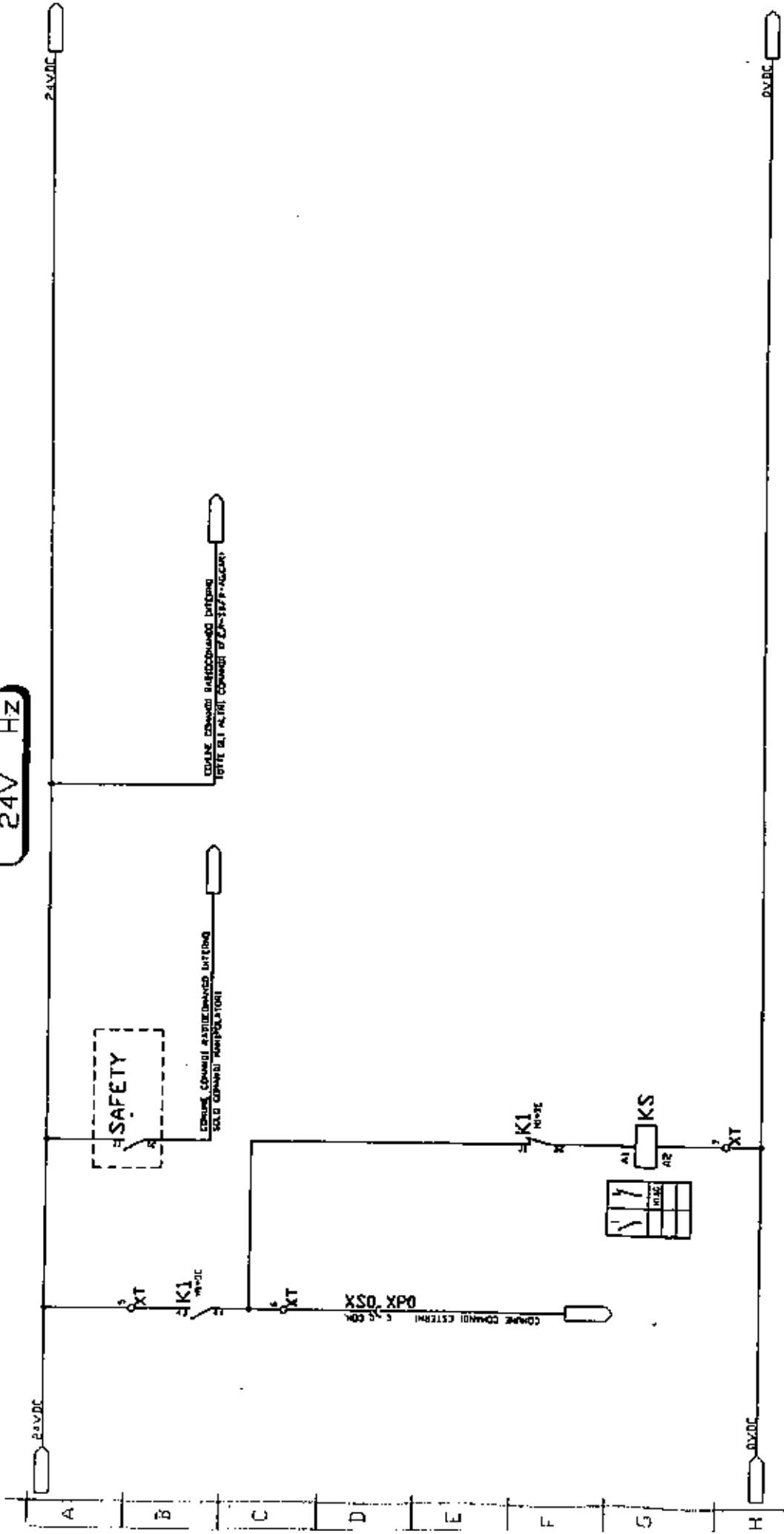


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DATE: 09-03-00		SCALE: 1/20		SIGNATURE: <i>[Signature]</i>
TYPE OF MODIFICATION		SIGNATURE		

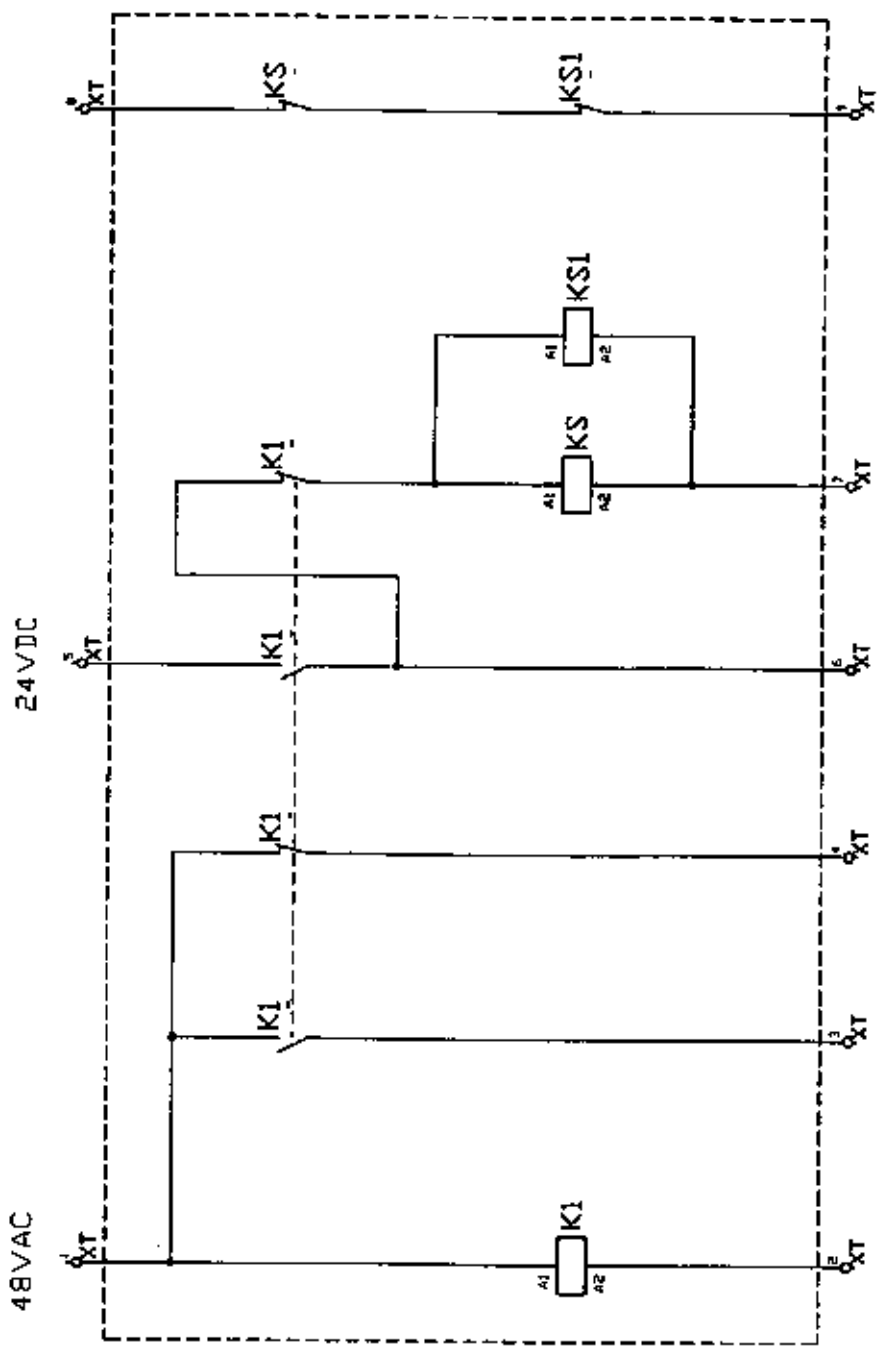


20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

24V HZ



APPARECCHIATURA PER:		<b>COMEDIL</b>		TITOLO: Dispositivo di sicurezza Comedil		Foglio: H2	
REV	DATA	OGGETTO	MODIFICA	FIRMA	SCHEMA:	NUMERO FILE: 331501001_H2	Segue: H3
					DATA: 06-11-00	SCALA:	FIRMA: <i>Colautti</i>



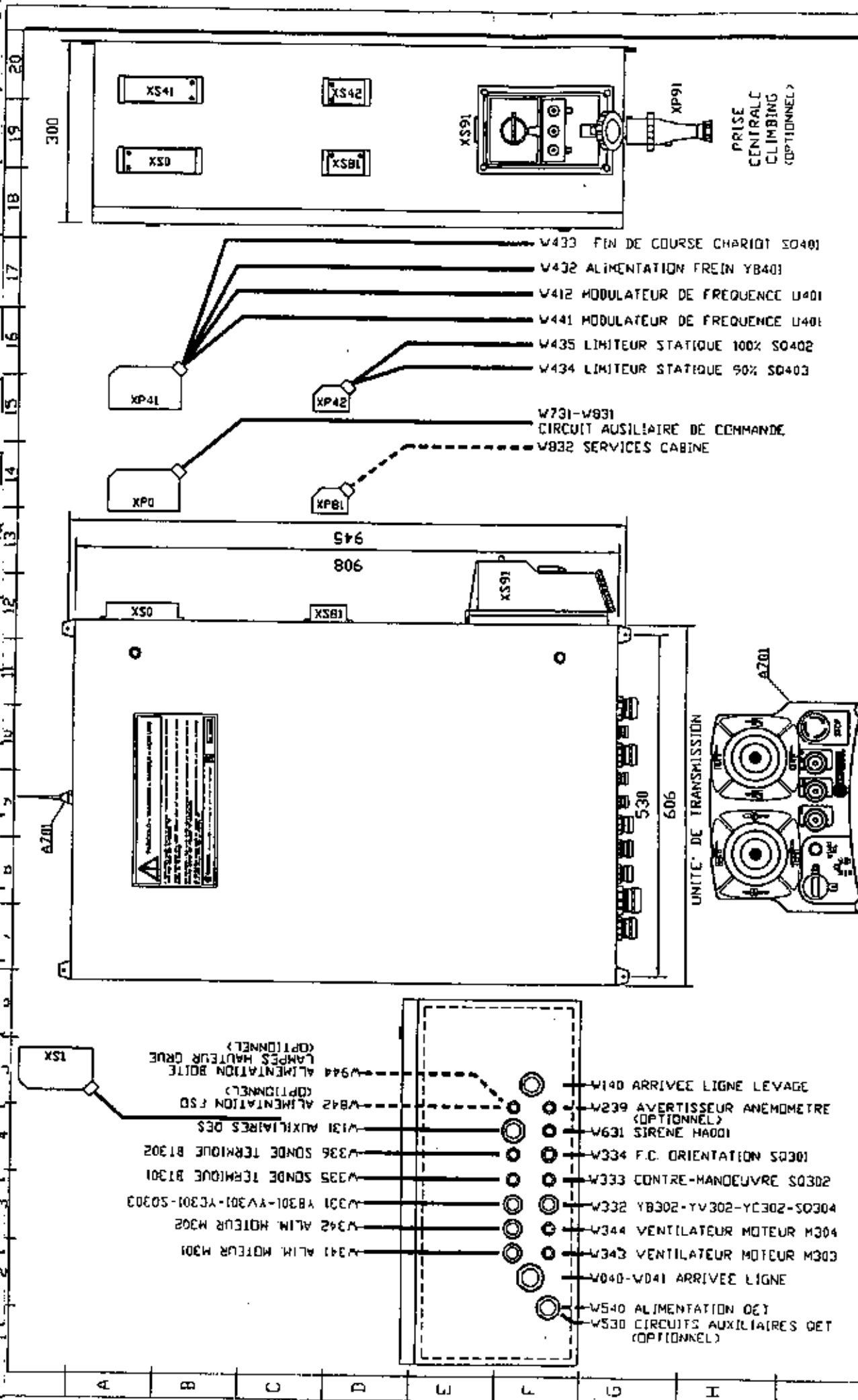
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TITOLO: Dispositivo di sicurezza Comedil  
 SCHEMA: NOME FILE: 331501001\_H3  
 DATA: 06-11-00  
 SCALA:

Foglio: H3  
 Segue: /

REV. DATA OGGETTO MODIFICA FIRMA

FIRMA *Colautti*



Sheet: **B1**  
 Next: **B2**

TITLE: **Détail tableau QEG**

SCHEME: **FILE NAME: 33010009-3\_B1**

DATE: **18-04-02** SCALE:

SIGNATURE: *Colautti*

**TEREX**

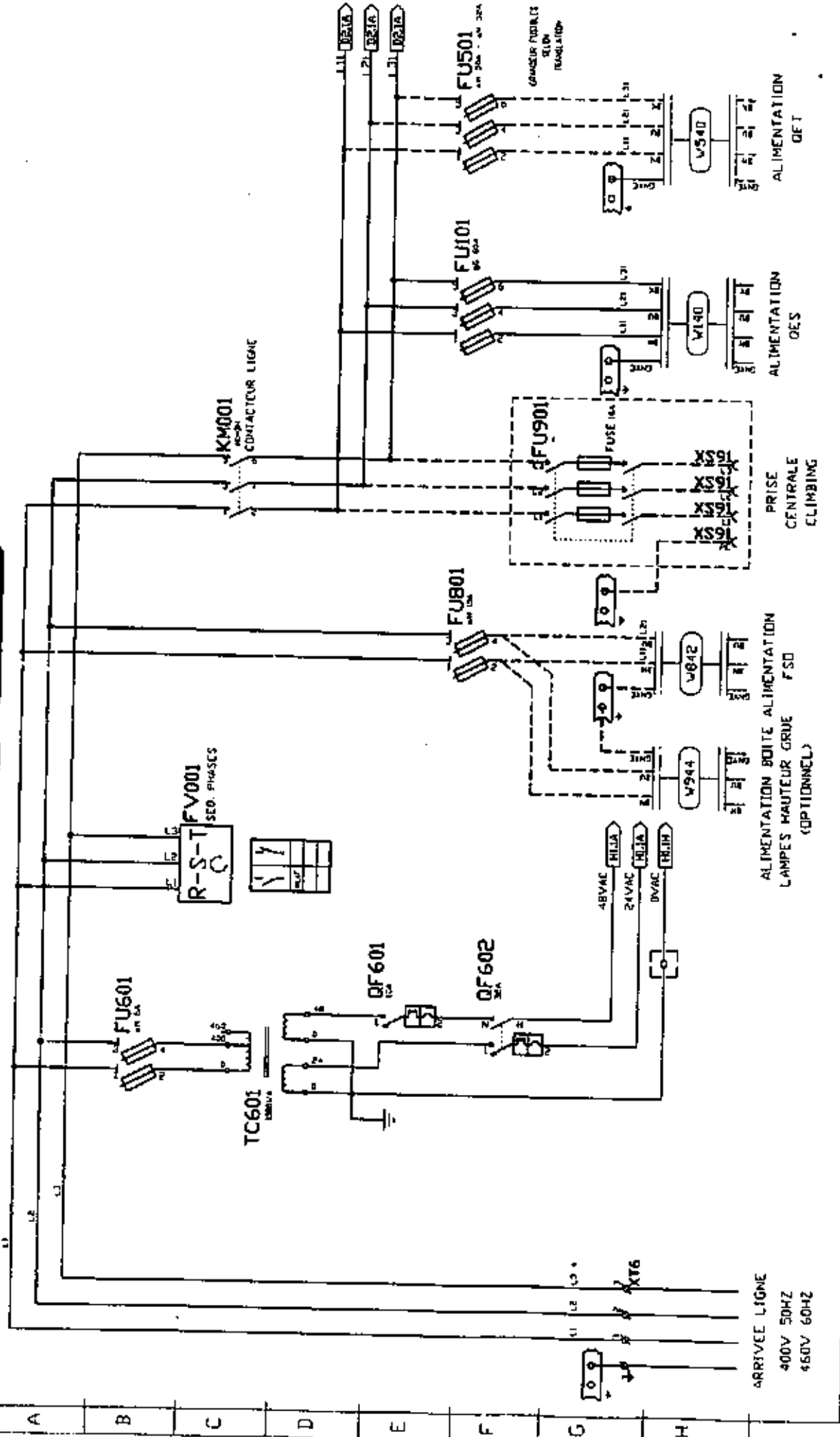
**Gru Comedil S.r.l.**

EQUIPMENT FOR	SIGNATURE
MODIFIED ON	TYPE OF MODIFICATION





400V50 HZ      460V60 HZ



EQUIPMENT FOR		TITLE: Circuits puissance arrivee ligne		Sheet: D1
MODIFIED	ON	TYPE OF MODIFICATION	SIGNATURE	Next: D2
SCHEME:		FILE NAME: 330108009-3_D1	SIGNATURE: Colautti	
DATE: 18-04-02		SCALE:		

**TEREX**  
**Gru Comedil S.r.l.**

ARRIVEE LIGNE  
 400V 50HZ  
 460V 60HZ

ALIMENTATION BOITE ALIMENTATION  
 LAMPES HAUTEUR GRUE FSD  
 (OPTIONNEL)

PRISE  
 CENTRALE  
 CLIMBING

ALIMENTATION  
 OES

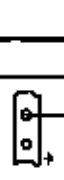
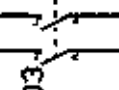
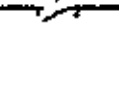
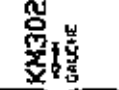
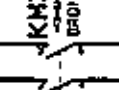
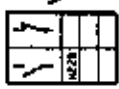
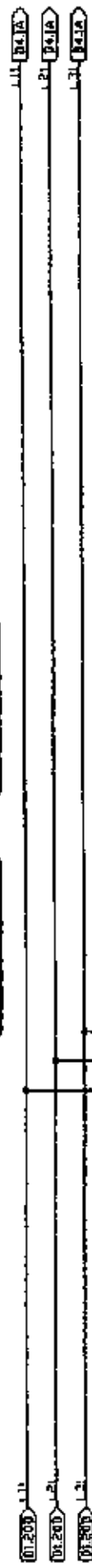
ALIMENTATION  
 OEF

20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2

A B C D E F G H

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

400V50 HZ      460V60 HZ



**M303**  
VENTILATEUR MOTEUR 1


**M301**  
MOTEUR ORIENTATION 1


**M304**  
VENTILATEUR MOTEUR 2


**M302**  
MOTEUR ORIENTATION 2


**TEREX**  
Gru Comedil S.r.l.

EQUIPMENT FOR \_\_\_\_\_

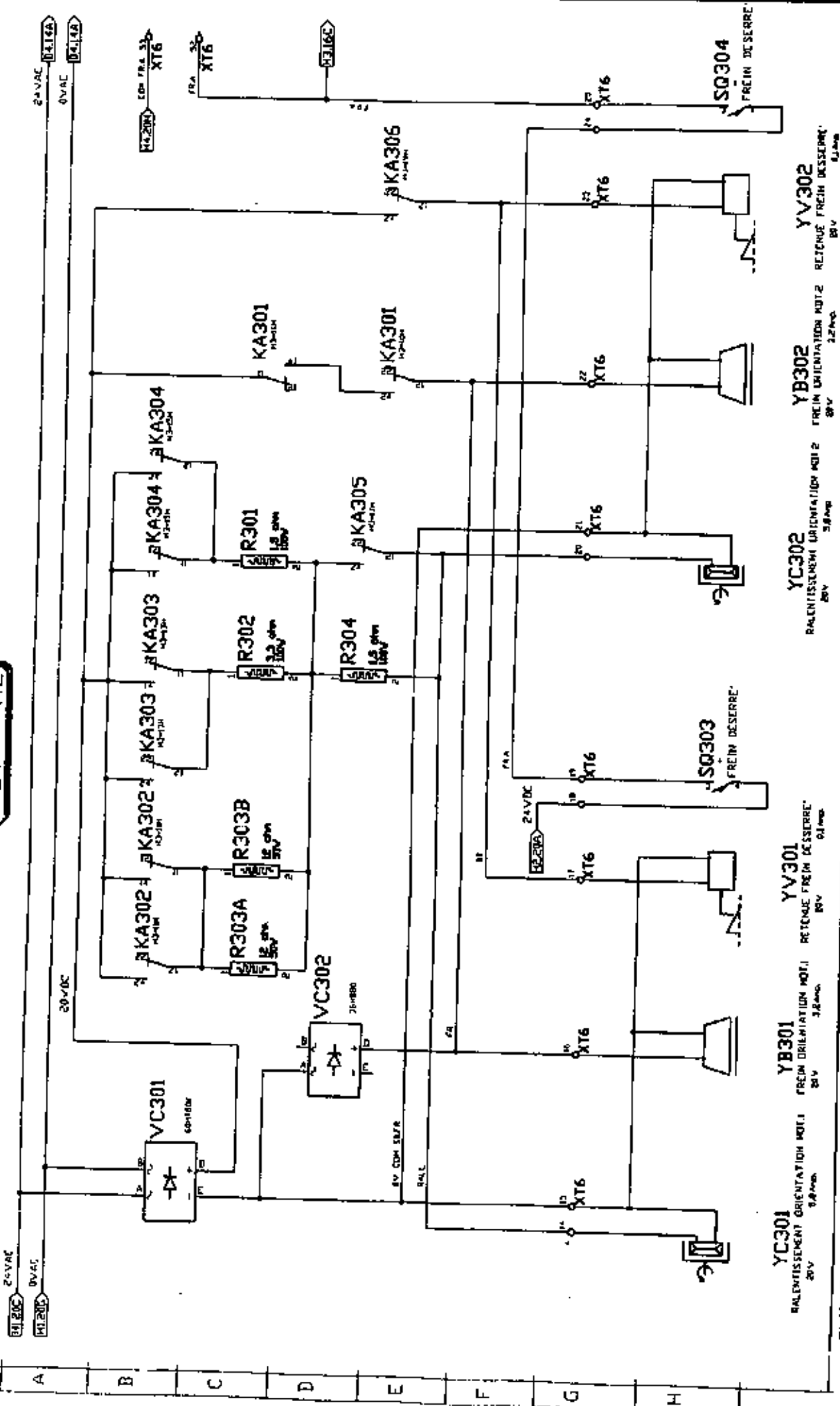
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SCHEME: \_\_\_\_\_ FILE NAME: 330100009-3\_D2  
DATE: 18-04-02 SCALE: \_\_\_\_\_ SIGNATURE: *Costantini*

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Next: **D3**

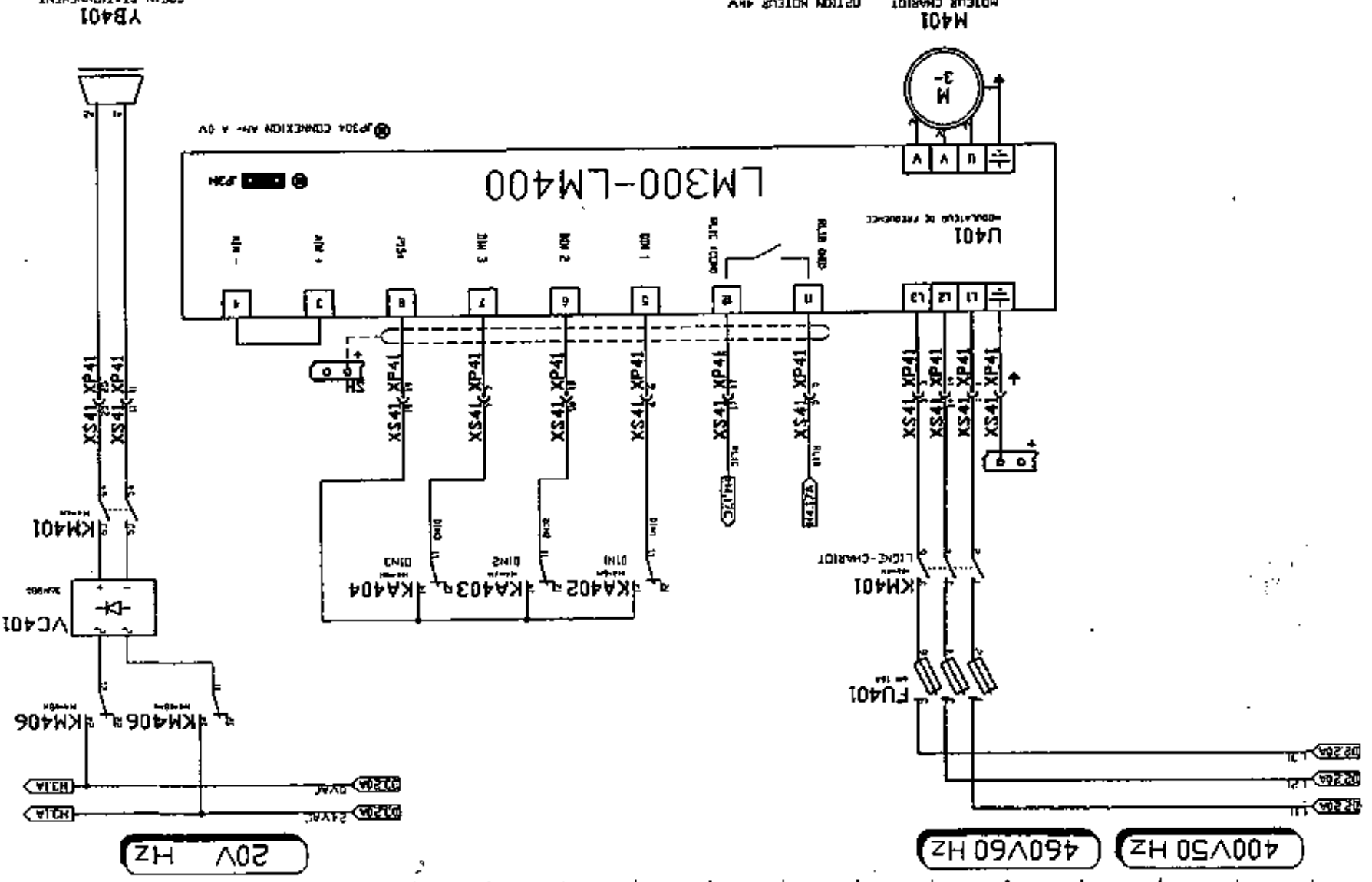
20  
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1

24V Hz



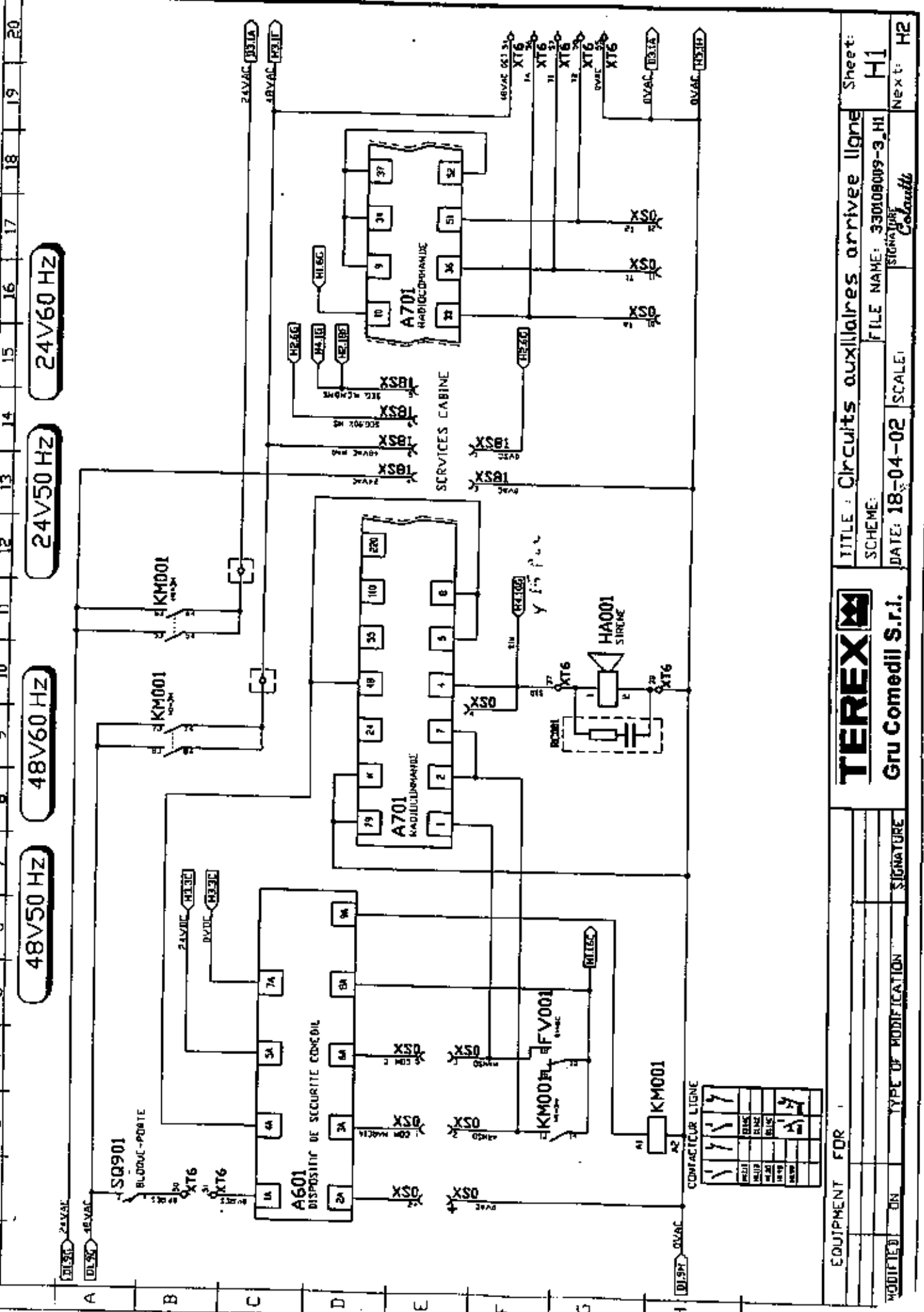
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			DATE: 18-04-02	SCALE:
		Gru Comedil S.r.l.		
		YC302 RALENTISSEMENT ORIENTATION MOT2 80V 2.2Amp YB302 FREIN ORIENTATION MOT2 80V 2.2Amp YV302 RETENUE FREIN DESERRE 80V 0.1Amp YC301 RALENTISSEMENT ORIENTATION MOT1 20V 3.8Amp YB301 FREIN ORIENTATION MOT1 20V 3.8Amp YV301 RETENUE FREIN DESERRE 80V 0.1Amp		
		R301 1.5 Ohm 100W R302 3.2 Ohm 100W R303A 1.5 Ohm 100W R303B 1.5 Ohm 100W R304 1.5 Ohm 100W		
		KA301 10-120V KA302 10-120V KA303 10-120V KA304 10-120V SQ303 FREIN DESERRE SQ304 FREIN DESERRE		
		VC301 60-100V VC302 30-80V		

OPTION MOTOR AMV	MOTUR CHARLOT																																
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YB401  
GREEN STATIONEMENT  
REV 12/99

Ⓢ304 CONNECTION AMV - A 0V



EQUIPMENT FOR \_\_\_\_\_

MODIFIED BY \_\_\_\_\_ ON \_\_\_\_\_ TYPE OF MODIFICATION \_\_\_\_\_ SIGNATURE \_\_\_\_\_

**TEREX**  
Gru Comedil S.r.l.

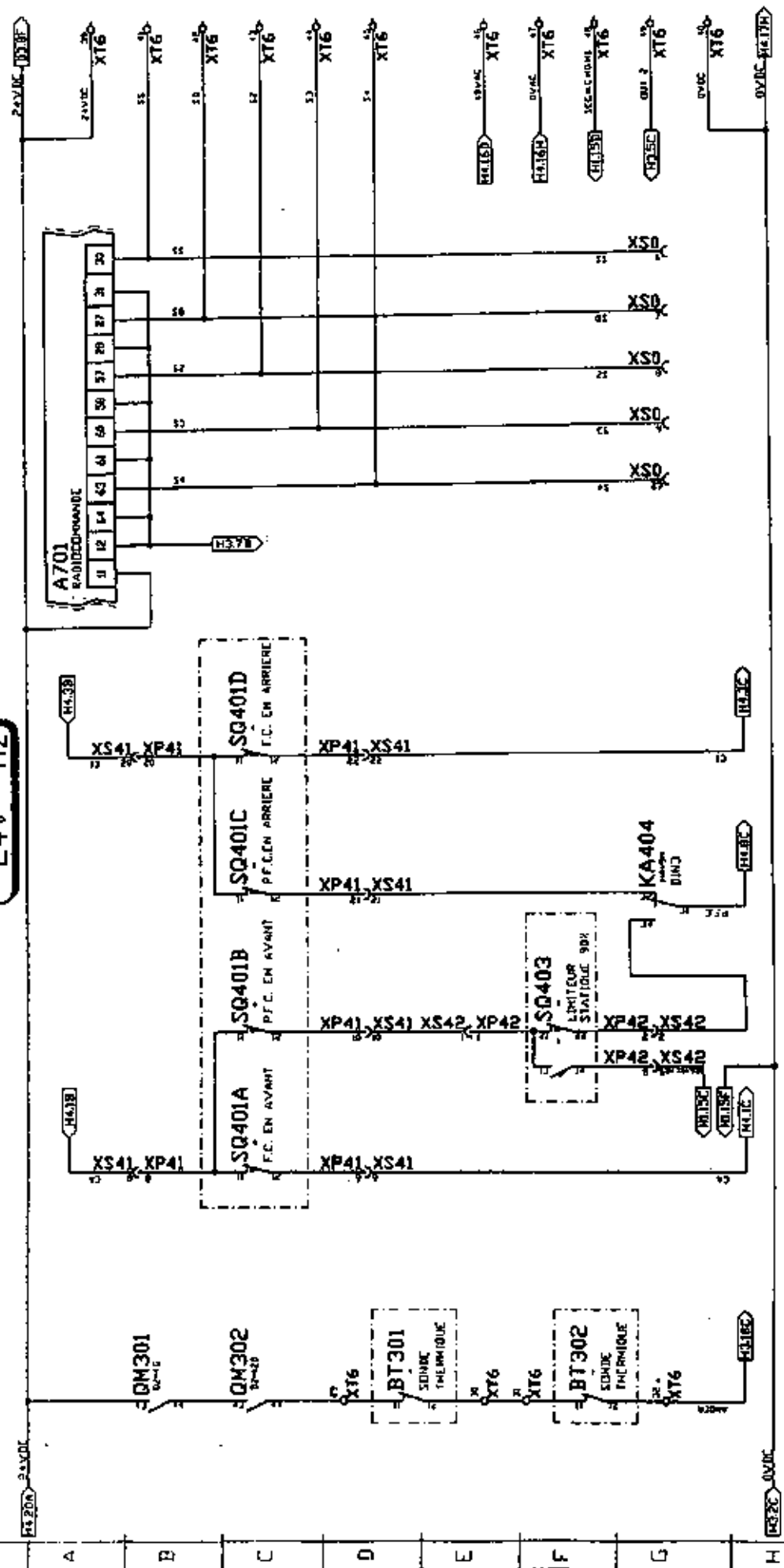
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SCHEME: \_\_\_\_\_ FILE NAME: 330109009-3\_H1  
DATE: 18-04-02 SCALE: \_\_\_\_\_

Sheet: H1  
Next: H2

Stagiaire: *Colautti*

2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

24V HZ



EQUIPMENT FOR :		TITLE :Circuits auxiliaires Orientation-Cherlot		Sheet:
MODIFIED ON	TYPE OF MODIFICATION	SCHEME: FILE NAME: 330108009-3_M2		H2
		DATE: 18-04-02 SCALE:		Next: H3
		SIGNATURE: <i>Colautti</i>		

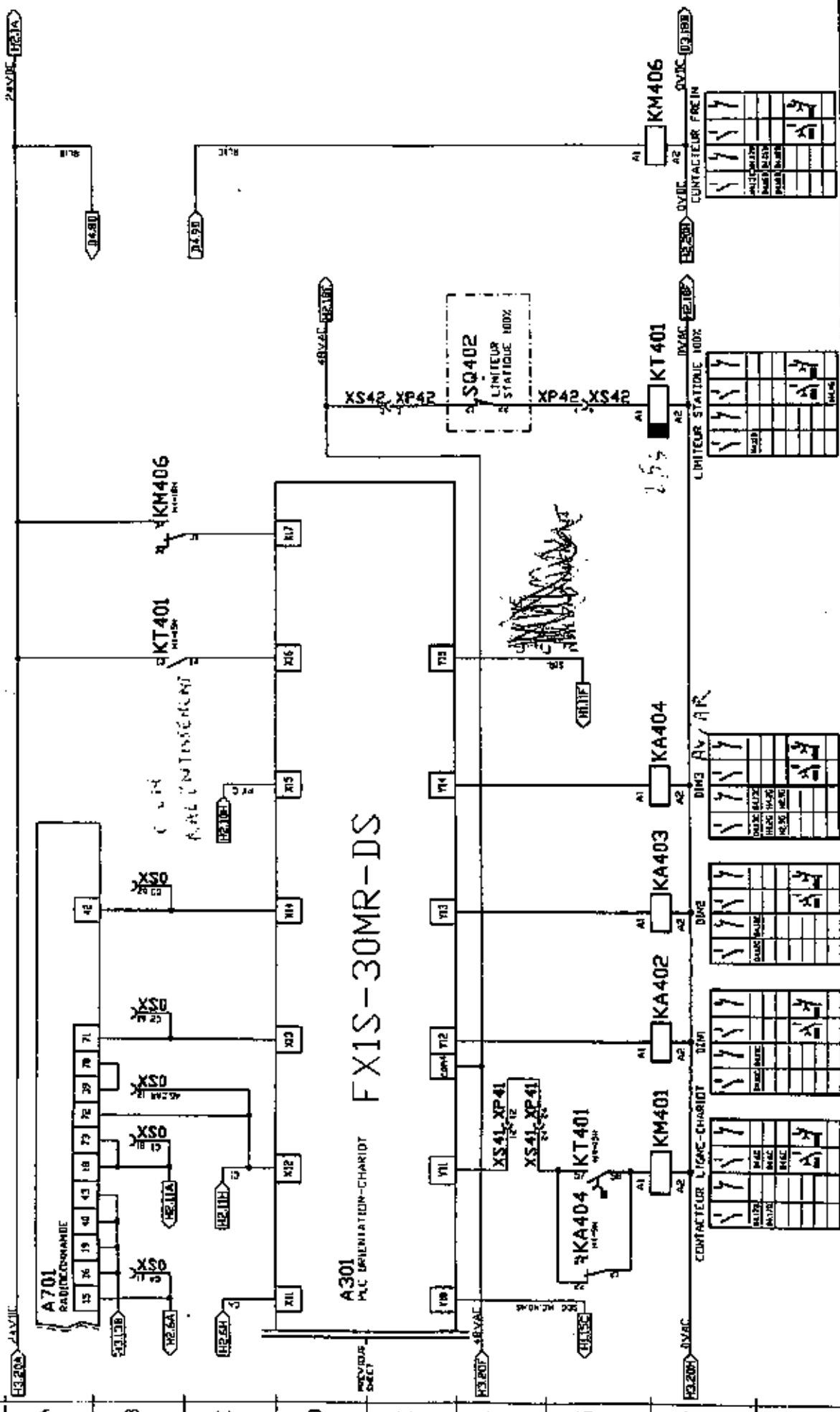
**TEREX**  
Gru Comedil S.r.l.





1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

24V HZ 48V50 HZ 48V60 HZ



EQUIPMENT FOR		TITLE: Circuits auxiliaires Orientation-Charlot		Sheet: H4
MODIFIED ON		SCHEME: FILE NAME: 330106009-3_H4		Next: H5
TYPE OF MODIFICATION		DATE: 18-04-02		SCALE:
SIGNATURE		Signature: <i>Colas</i>		



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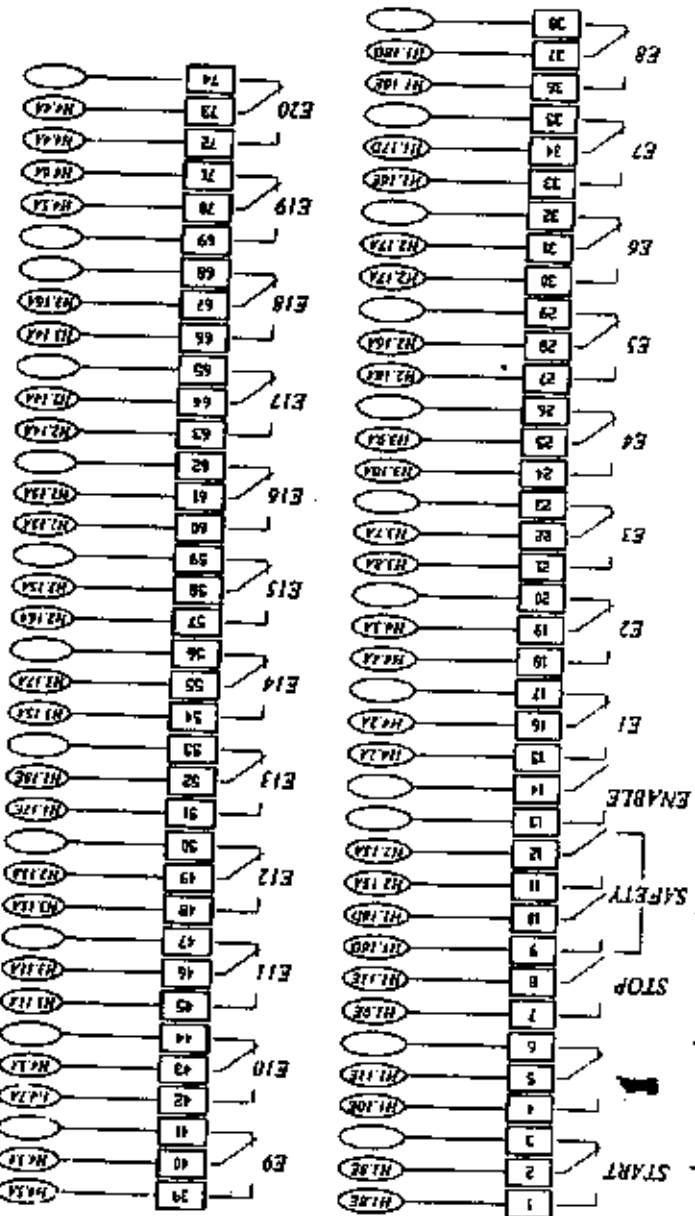
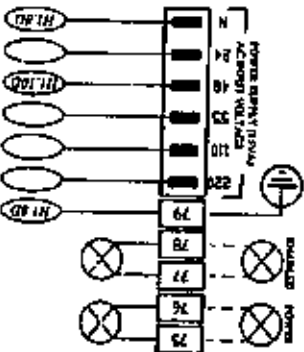
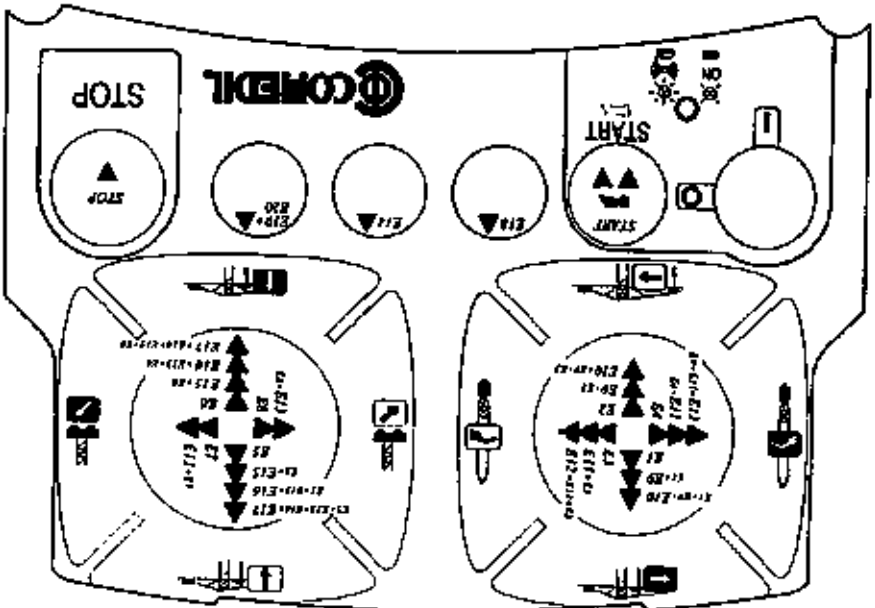
NO	DN	TYPE OF MODIFICATION	SIGNATURE

**TEREX**  
**Grü Comedil S.r.l.**

DATE: 18-04-02	SCALE:	FILE NAME: 33010809-3-HS	SHEET: HS
Next: H6			



PROVA ALIMENTAZIONE PER SENSORE DI SILENZIO  
 SENSORE DI SILENZIO PER SENSORE DI SILENZIO  
 PULSANTE PER SENSORE DI SILENZIO



A  
B  
C  
D  
E  
F  
G  
H

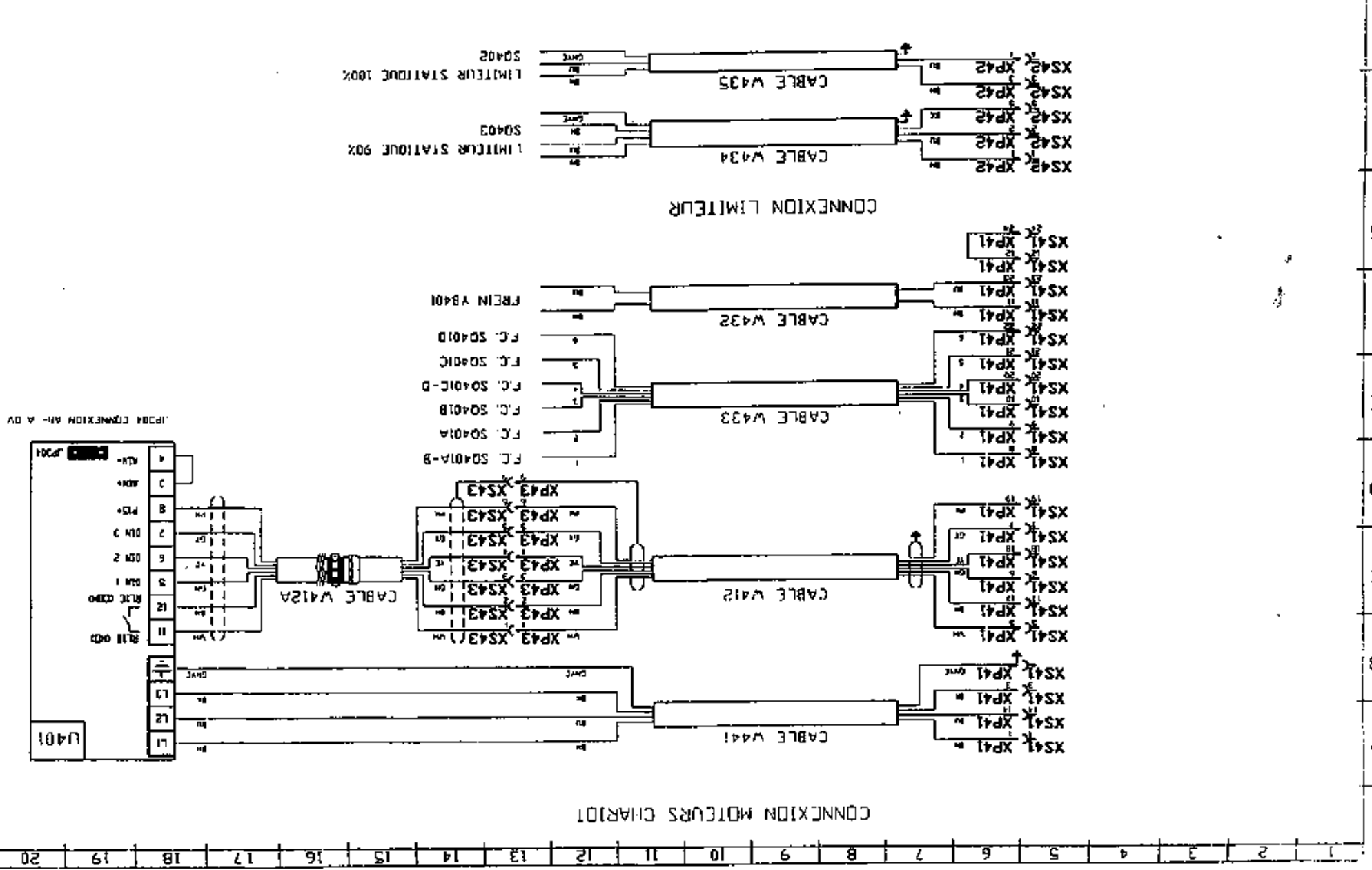
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MODIFIED	ON	TYPE OF MODIFICATION	SIGNATURE
EQUIPMENT FOR			

**TEREX**  
Gru Comedil S.r.l.

TITLE: Connexion  
SCHEME: FILE NAME: 33010009-3.H6  
DATE: 18-04-02  
SCALE:  
SIGNED: *[Signature]*  
NEXT: VI

Sheet: H6

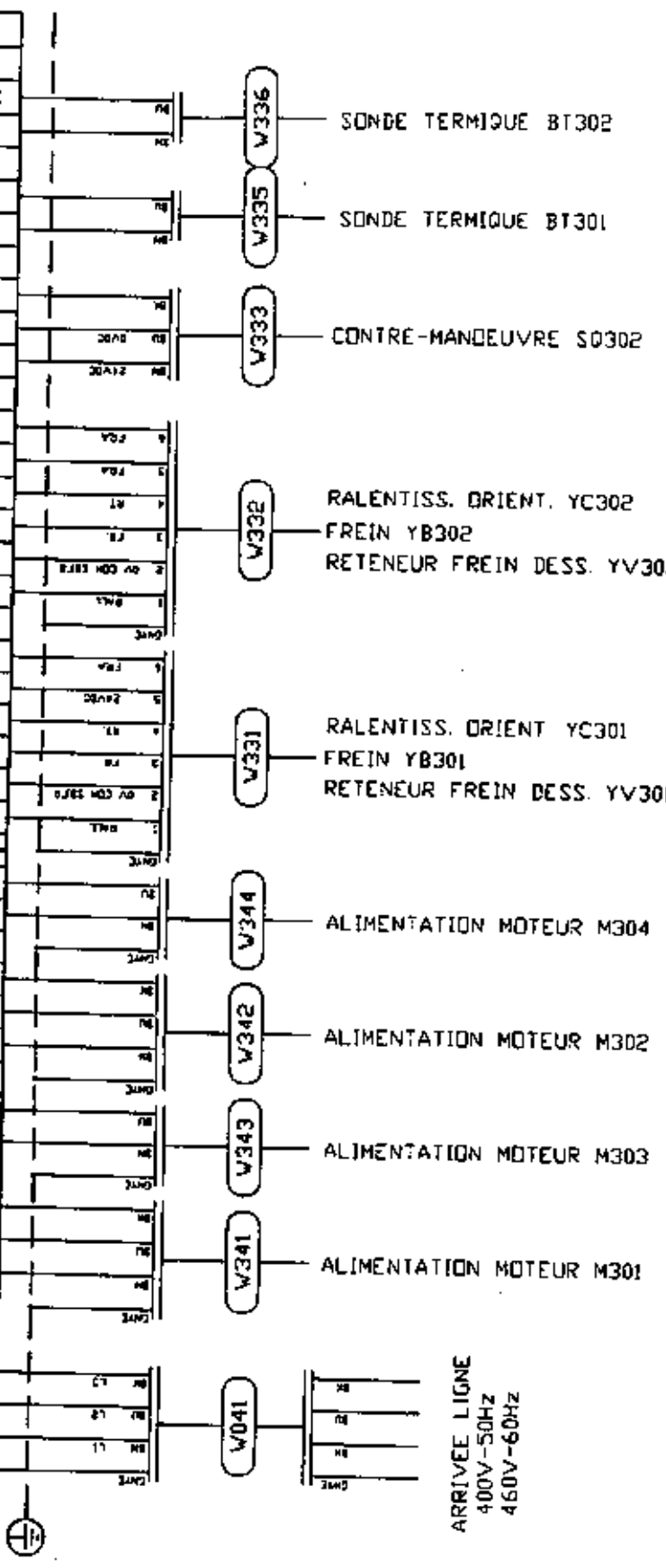


# QEG-XT6

SHEET POSITION

TYPE

TERMINAL N°	BRIDGE	TYPE	POSITION
1	0	35	D1.2G
2	0	35	D1.2G
3	0	35	D1.2G
4	0	4	D2.7G
5	0	4	D2.7G
6	0	4	D2.7G
7	0	4	D2.4G
8	0	4	D2.4G
9	0	4	D2.15G
10	0	4	D2.15G
11	0	4	D2.15G
12	0	4	D2.12G
13	0	4	D2.12G
14	0	2,5	D3.3G
15	0	2,5	D3.3G
16	0	2,5	D3.5G
17	0	2,5	D3.7G
18	0	2,5	D3.9G
19	0	2,5	D3.9G
20	0	2,5	D3.12G
21	0	2,5	D3.13G
22	0	2,5	D3.15G
23	0	2,5	D3.18G
24	0	2,5	D3.19G
25	0	2,5	D3.19G
26	0	2,5	H3.4B
27	0	2,5	H3.4B
28	0	2,5	H3.4C
29	0	2,5	H2.2D
30	0	2,5	H2.2E
31	0	2,5	H2.2F
32	0	2,5	H2.2G



EQUIPMENT FOR \_\_\_\_\_

TITLE: Boite a bornes XT6 QEG

SCHEME: FILE NAME: 33010009-3\_V1

DATE: 18-04-02 SCALE: \_\_\_\_\_

SIGNATURE: *Colanelli*

Sheet: V1

Next: V2

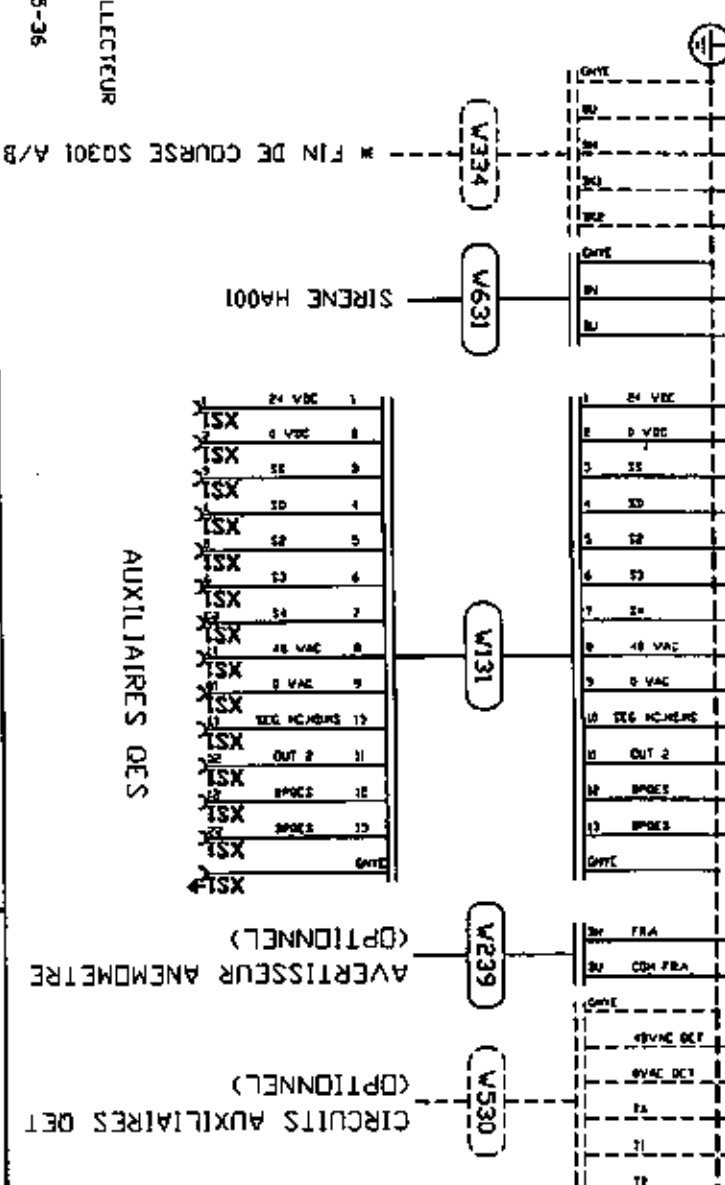
**TEREX**

**Gru Comedit S.r.l.**

TYPE OF MODIFICATION \_\_\_\_\_ SIGNATURE \_\_\_\_\_

# QEG-XT6

TERMINAL N°	BRIDGE	TYPE	SHEET POSITION
33	o	2,5	H3.8B
34	o	2,5	H3.8C
35	o	2,5	H3.10B
36	o	2,5	H3.10C
37	o	2,5	H1.10G
38	o	2,5	H1.10H
39	o	2,5	H2.20A
40	o	2,5	H2.20G
41	o	2,5	H2.20B
42	o	2,5	H2.20B
43	o	2,5	H2.20C
44	o	2,5	H2.20C
45	o	2,5	H2.20D
46	o	2,5	H2.20E
47	o	2,5	H2.20F
48	o	2,5	H2.20F
49	o	2,5	H2.20G
50	o	2,5	H1.2B
51	o	2,5	H1.2B
52	o	2,5	D3.20C
53	o	2,5	D3.20B
54	o	2,5	H1.20F
55	o	2,5	H1.20G
56	o	2,5	H1.20F
57	o	2,5	H1.20G
58	o	2,5	H1.20G



• AVEC LE COLLECTEUR  
PONTIER  
33-34 / 35-36

EQUIPMENT FDR

MODIFIED ON TYPE OF MODIFICATION SIGNATURE



Grv Comedil S.r.l.

TITLE : Boite a bornes XT6 QEG

SCHEME: FILE NAME: 330108009-3\_V2

DATE: 18-04-02 SCALE:

Sheet: V2

Next: Z1

## Tableau recapitulatif tableau

Reference : **330704001-1**

Tension Nominale : **400-460 V**

Frequence : **50-60 Hz**

Puissance necessaire : **40 kVA**

Courant maxi 100% de la charge : **58 A**

Alimentation derivee de : **OEG**

Derivation alimentation pour :

Derivation alimentation pour :

Derivation alimentation pour :

Derivation alimentation pour :

Derivation alimentation pour :

Derivation alimentation pour :

### DEPLACEMENT

Base tour :

Tour :

Element tour cabine :

Cabine :

Contre-fleche :

Fleche :

Porte-fleche :

Feuille : **A2**



# COMEDIL

Nom de Tableau : **TABLEAU LEVAGE**

Dimensions : **600x800x400**

Degre de protection : **IP65**

Couleur : **RAL 7032 A 200\***

Climatisation : **RIEN**

### INDEX

Feuille 01 : A2

Feuille 02 : A3

Feuille 03 : A4

Feuille 04 : A5

Feuille 05 : B1

Feuille 06 : B2

Feuille 07 : D1

Feuille 08 : D2

Feuille 09 : H1

Feuille 10 : H2

Feuille 11 : H3

Feuille 12 : H4

Feuille 13 : H5

Feuille 14 : V1

Feuille 15 : Z1

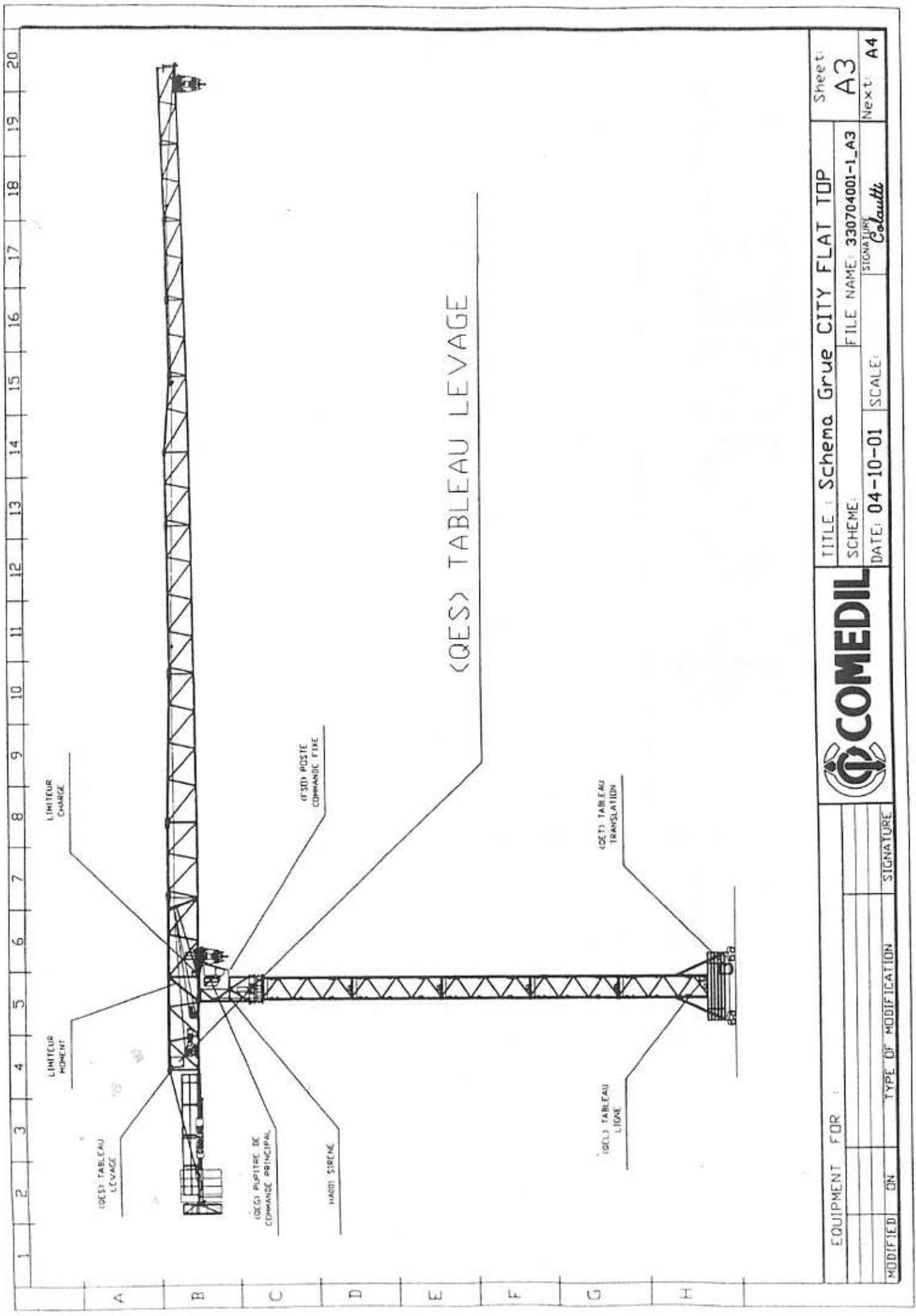
Feuille 16 :

Feuille 17 :

Feuille 18 :

Feuille 19 :

Feuille 20 :

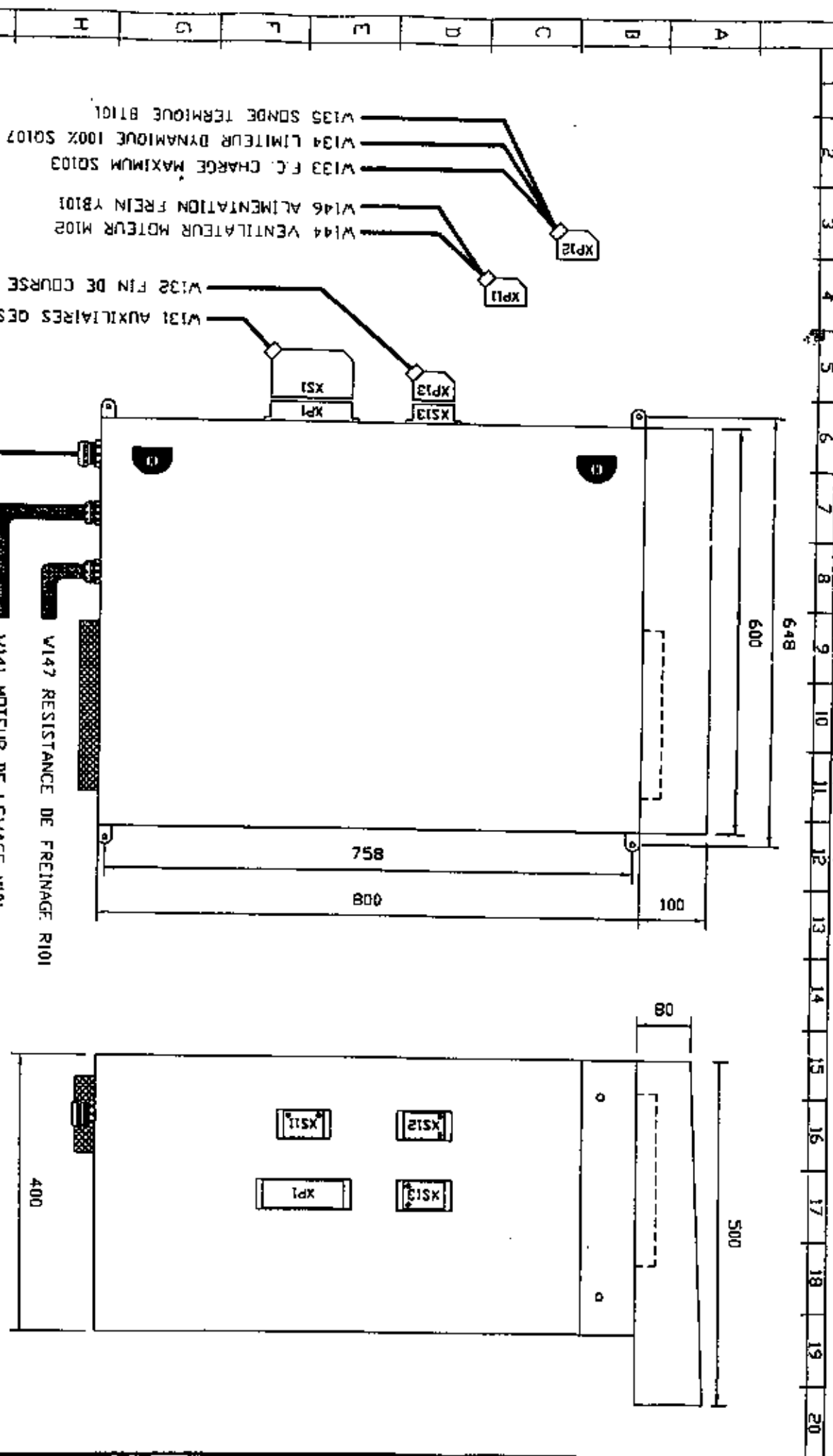


<DES> TABLEAU LEVAGE

TITLE : Schema Grue CITY FLAT TOP	Sheet: A3
SCHEME: 330704001-1_A3	Next: A4
DATE: 04-10-01	SCALE:
SIGNATURE <i>Colautti</i>	



EQUIPMENT FOR	SIGNATURE
MODIFIED ON	TYPE OF MODIFICATION



EQUIPMENT FOR #

MODIFIED	BY	TYPE OF MODIFICATION	SIGNATURE



TITLE - Detail tableau OES

SCHEM.	FILE NAME:	DATE:	SCALE:
	330714-001-1-B1	04-10-01	

Sheet: B1  
Next: B2



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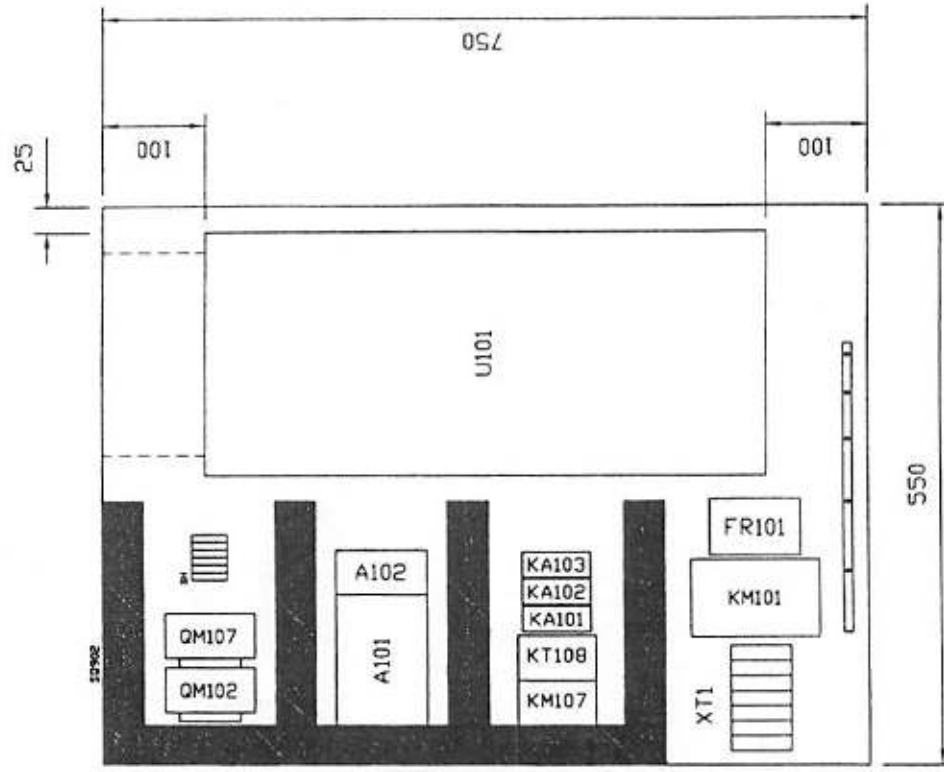


TABLEAU TEMPERIZATEUR	
KT108	8"
LEVAGE	

EQUIPMENT FOR :		TITLE : Disposition composants QES		Sheet: B2	
MODIFIED ON :		SCHEME: 330704001-1_B2		Next: D1	
TYPE OF MODIFICATION :		DATE: 04-10-01		SCALE:	
SIGNATURE :		STANDARD: <i>Celautti</i>			



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2

48V 50 HZ

48V 60 HZ

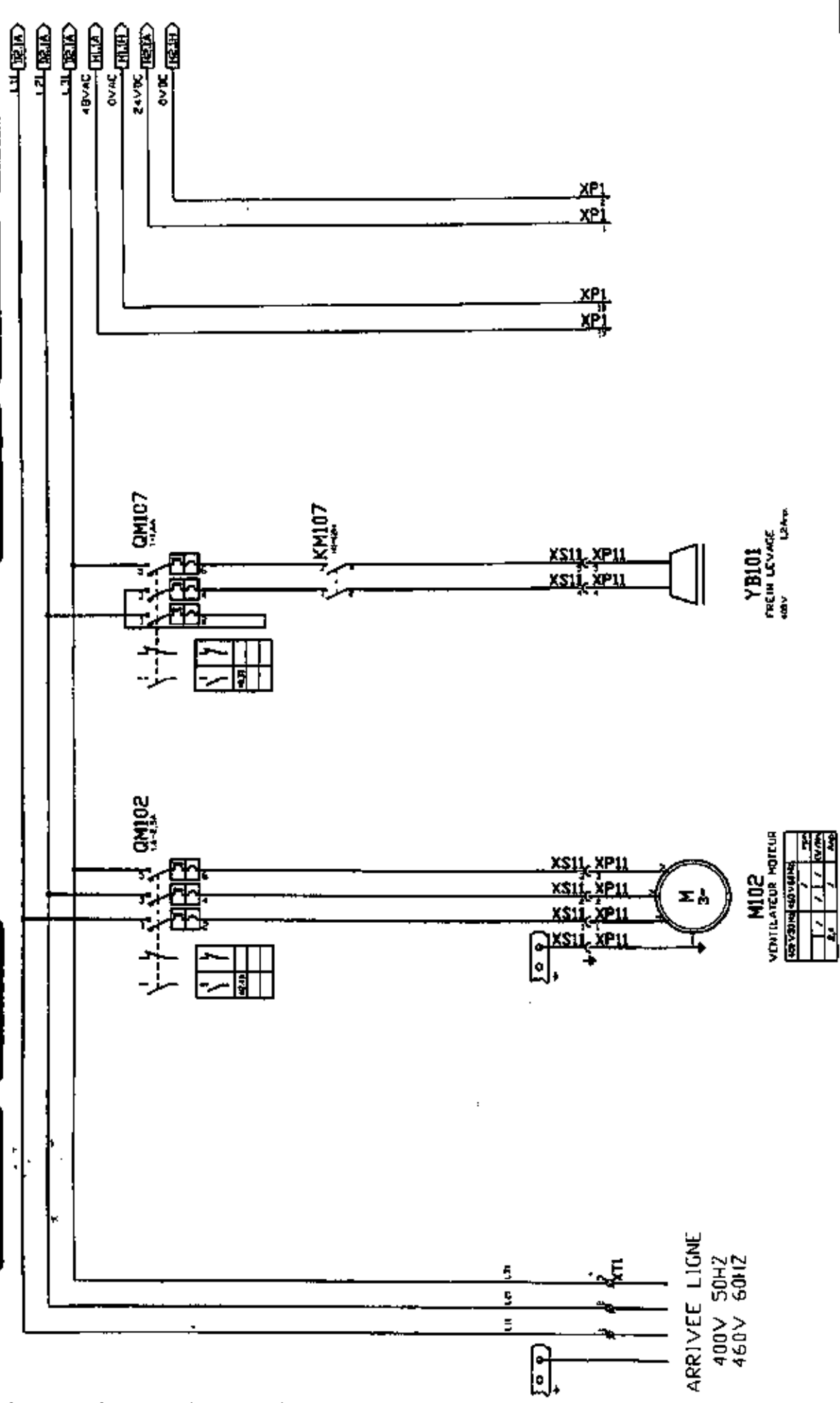
48V 50 HZ

48V 60 HZ

460V 60 HZ

400V 50 HZ

460V 60 HZ



**COMEDIL**

EQUIPMENT FOR :

MODIFIED ON \_\_\_\_\_ TYPE OF MODIFICATION \_\_\_\_\_ SIGNATURE \_\_\_\_\_

TITLE : Circuits puissance levage

SCHEME : FILE NAME : 330704001-1\_D1

DATE : 04-10-01 SCALE :

Sheet: D1

Next: D2



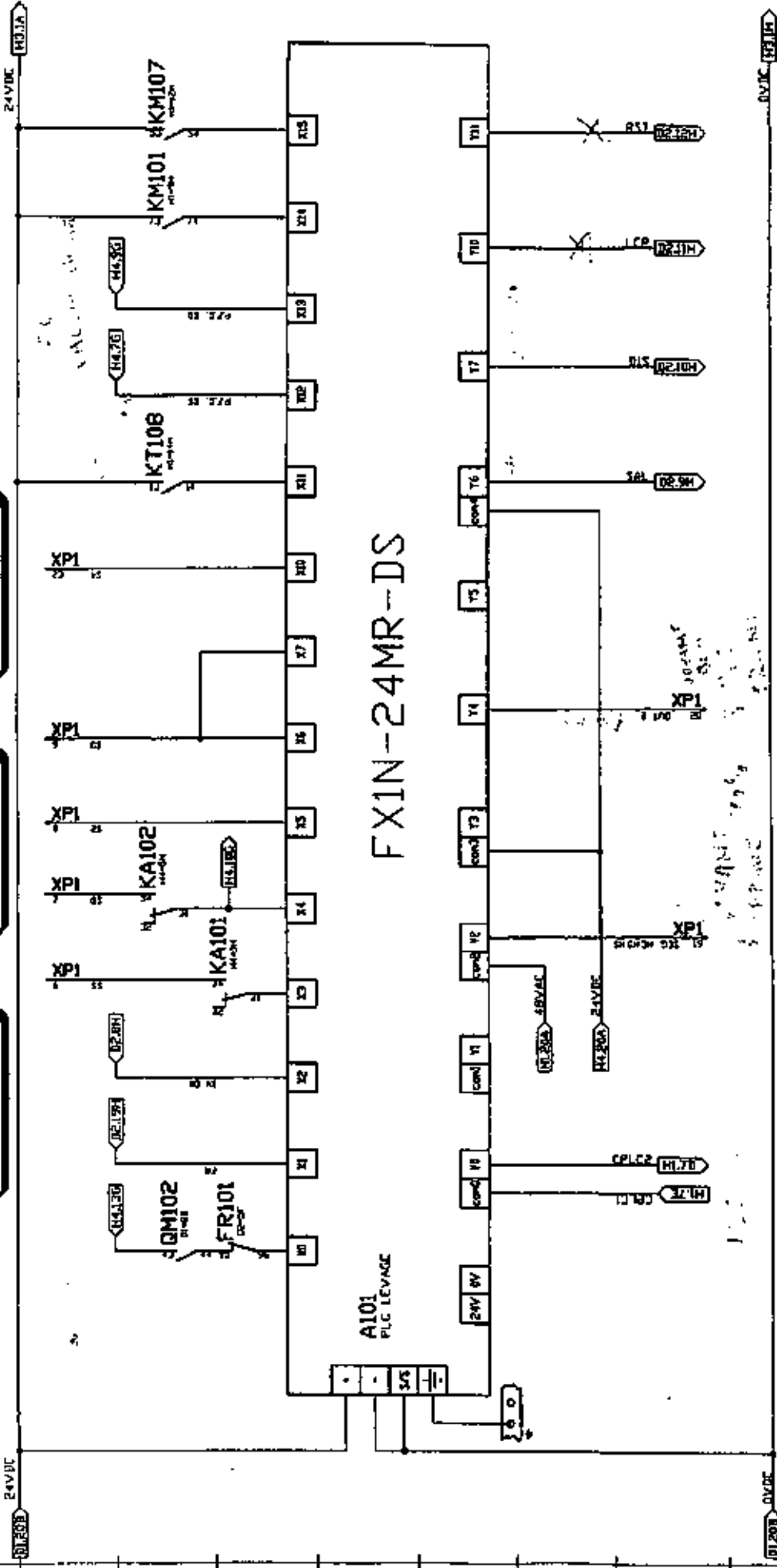


1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

24V HZ

48V50 HZ

48V60 HZ



FX1N-24MR-DS

EQUIPMENT FOR 1		TITLE : Circuits puissance levage		Sheet: H2
MODIFIED ON		SCHEME: FILE NAME: 330704001-1_H2		Next: H3
TYPE OF MODIFICATION		DATE: 04-10-01		SCALE:
SIGNATURE		SIGNATURE: <i>Sigaud</i>		

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

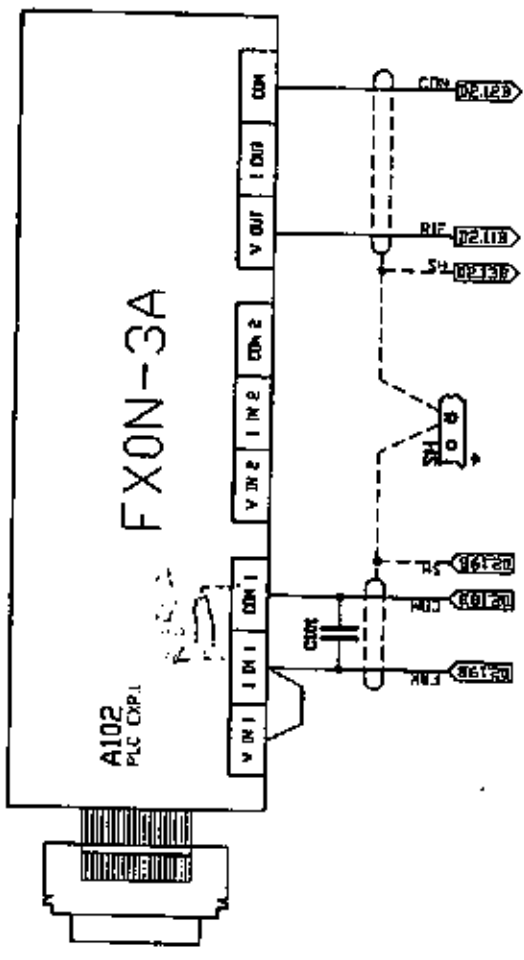
24VDC

24V HZ

24VDC

10V HZ

UNIT  
 1000 X 0.0000 = 1V  
 1000 X 0.0100 = 10V



REPERE VITESSE 610V

PER COURANT MOTEUR 4-20mA

24VDC

24VDC



TITLE : Circuits puissance levage  
 SCHEME :  
 DATE : 04-10-01 SCALE :  
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Sheet: H3  
 Next: H4

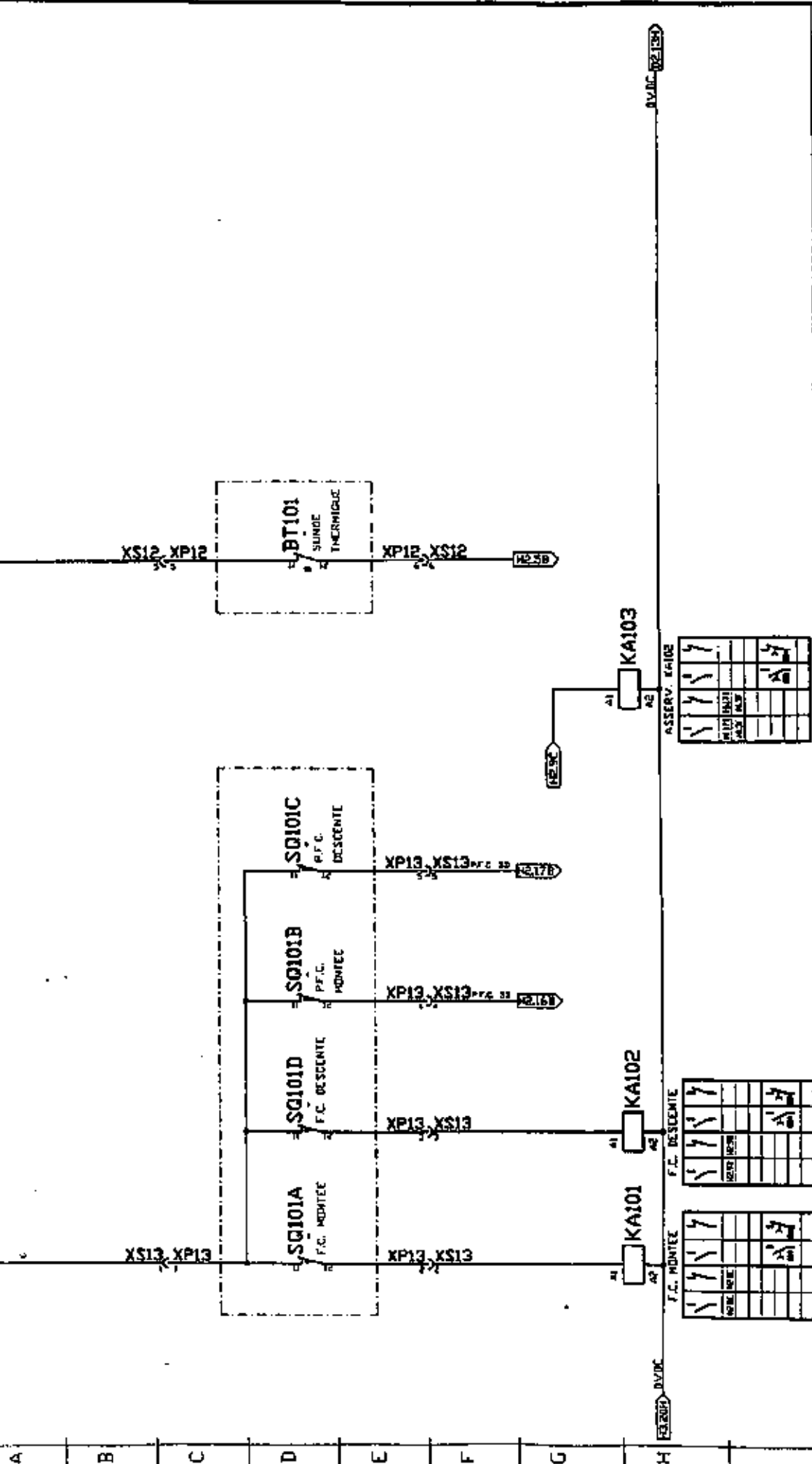
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APPROVED	DATE	TYPE OF MODIFICATION	

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

24V HZ

24V HZ

24VDC 24VDC



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

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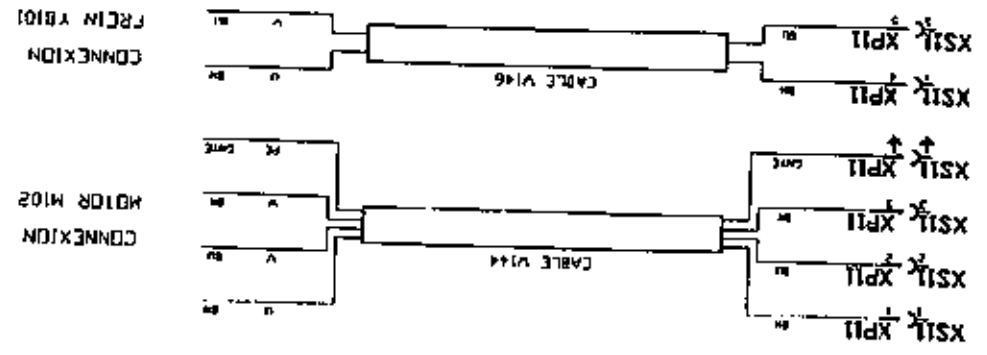
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 SHEET : H4  
 Next : H5



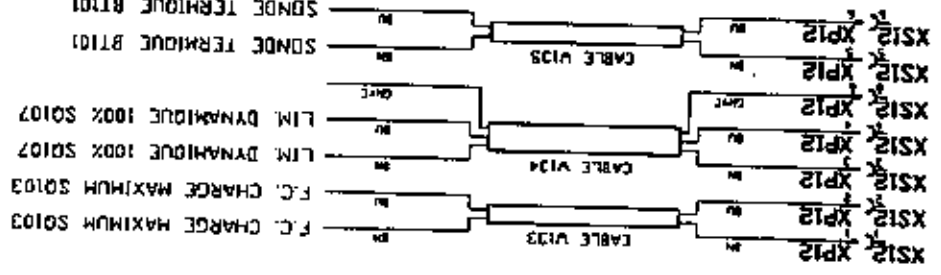
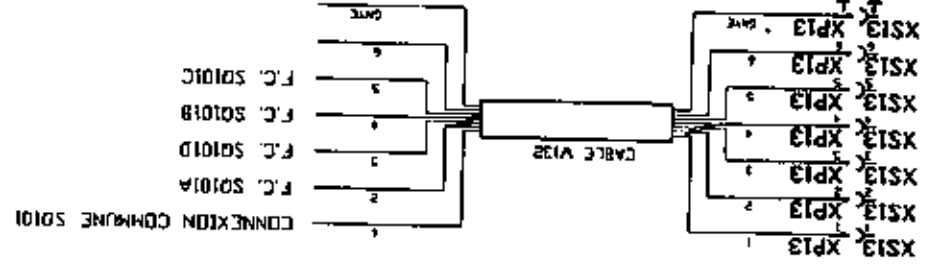
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MODIFIED	ON	TYPE DE MODIFICATION	SIGNATURE
<b>COMEDIL</b>			
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FILE NAME : 330704002-1-H5		SCALE :	Next VI
EQUIPMENT FOR :		SHEET : HS	

CIRCUITS PUISSANCE



CIRCUITS AUXILIAIRES







## Tableau recapitulatif tableau

Tension Nominale : 48V-24V

Frequence : 50-60 Hz

Puissance necessaire :

Courant maxi 100% de la charge :

Alimentation derivee de : OEG

Derivation alimentation pour :

Derivation alimentation pour :

Derivation alimentation pour :

Derivation alimentation pour :

Derivation alimentation pour :

Derivation alimentation pour :

### DEPLACEMENT

Base tour :

Tour :

Element tour cabine :

Cabine :

Contre-fleche :

Fleche :

Porte-fleche :



# COMEDIL

Nom de Tableau : POSTE COMMANDE FIXE

Dimensions :

Degre de protection :

Couleur :

Climatisation : RIEN

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Feuille 02 : A3

Feuille 03 : A4

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Feuille 06 : B2

Feuille 07 : B4

Feuille 08 : H1

Feuille 09 : H2

Feuille 10 : V1

Feuille 11 : V2

Feuille 12 : Z1

Feuille 13 :

Feuille 14 :

Feuille 15 :

Feuille 16 :

Feuille 17 :

Feuille 18 :

Feuille 19 :

Feuille 20 :

Feuille 21 :

Feuille 22 :

Feuille 23 :

Feuille 24 :

Feuille 25 :

Feuille 26 :

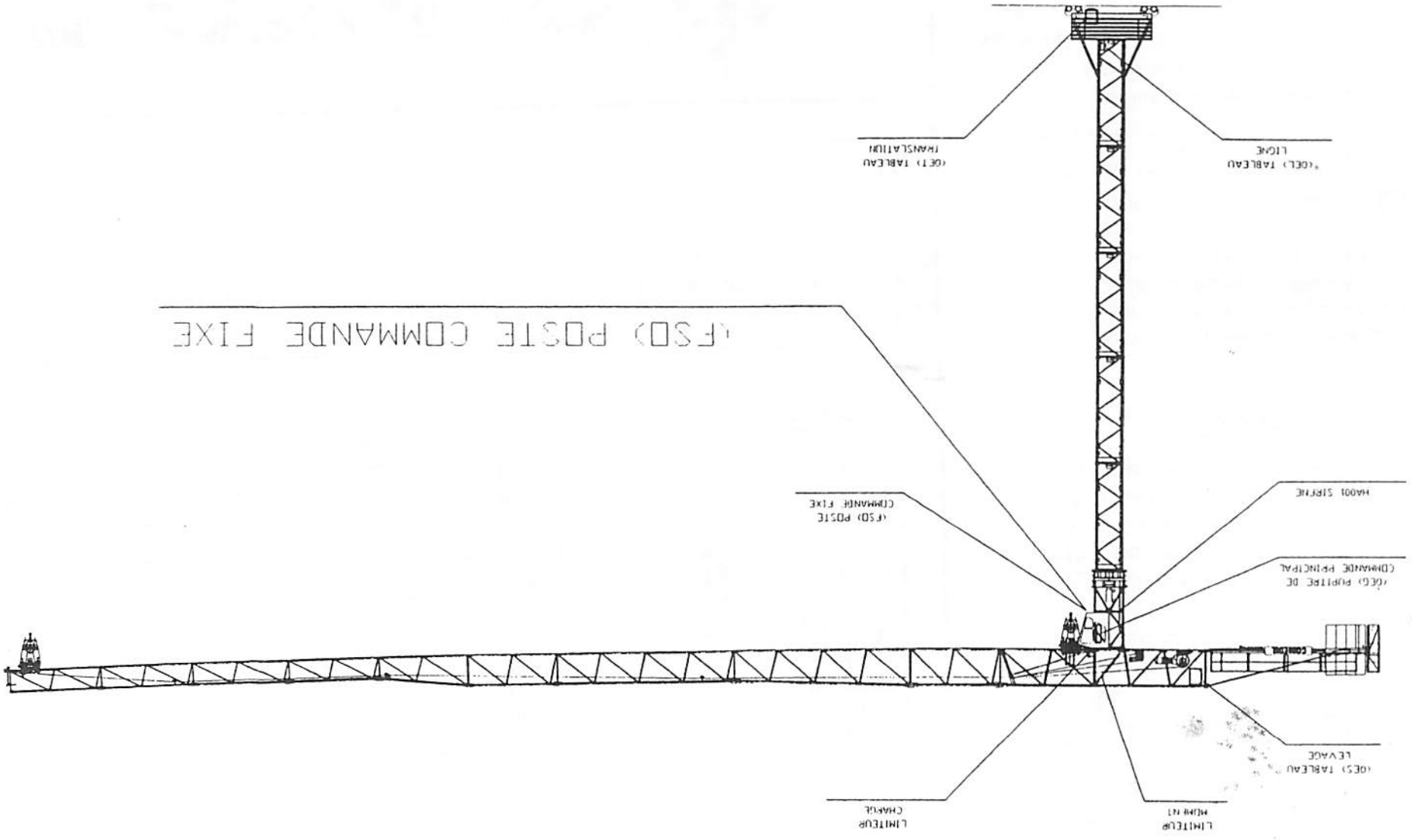
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Feuille 28 :

Feuille 29 :

Feuille 30 :

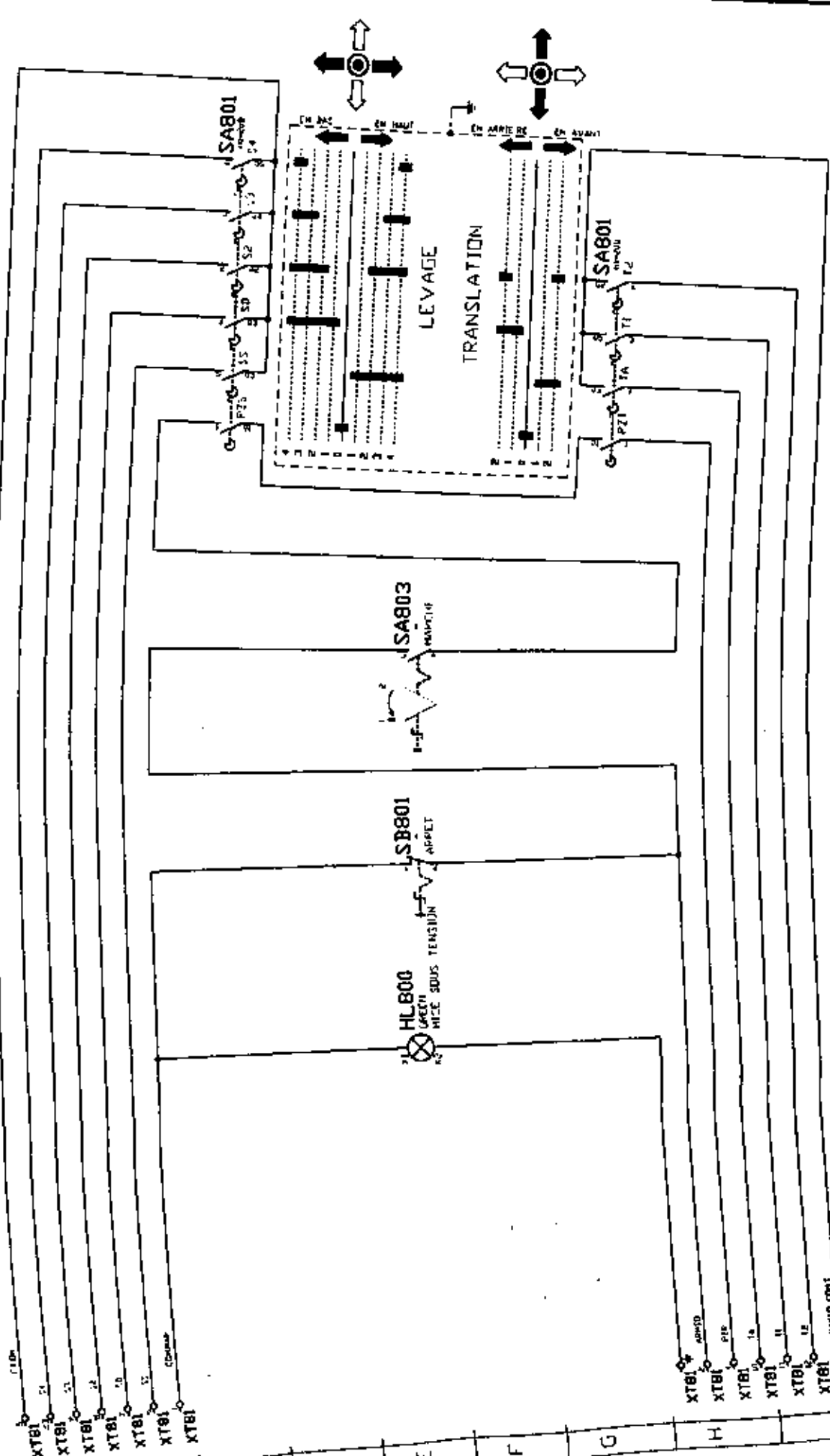
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SCHEMA:    FILE NAME: 333101002_A3			
TITLE: Schema Grue CITY FLAT TOP			
Next: A4		Sheet: A3	



20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

H  
G  
F  
E  
D  
C  
B  
A

48V50 HZ      48V60 HZ      24V HZ



TITLE : Commande fixe cloche droite  
 SCHEME:  
 DATE: 07-11-00      SCALE:  
 FILE NAME: 333101002\_H1

Sheet: H1  
 Next: H2

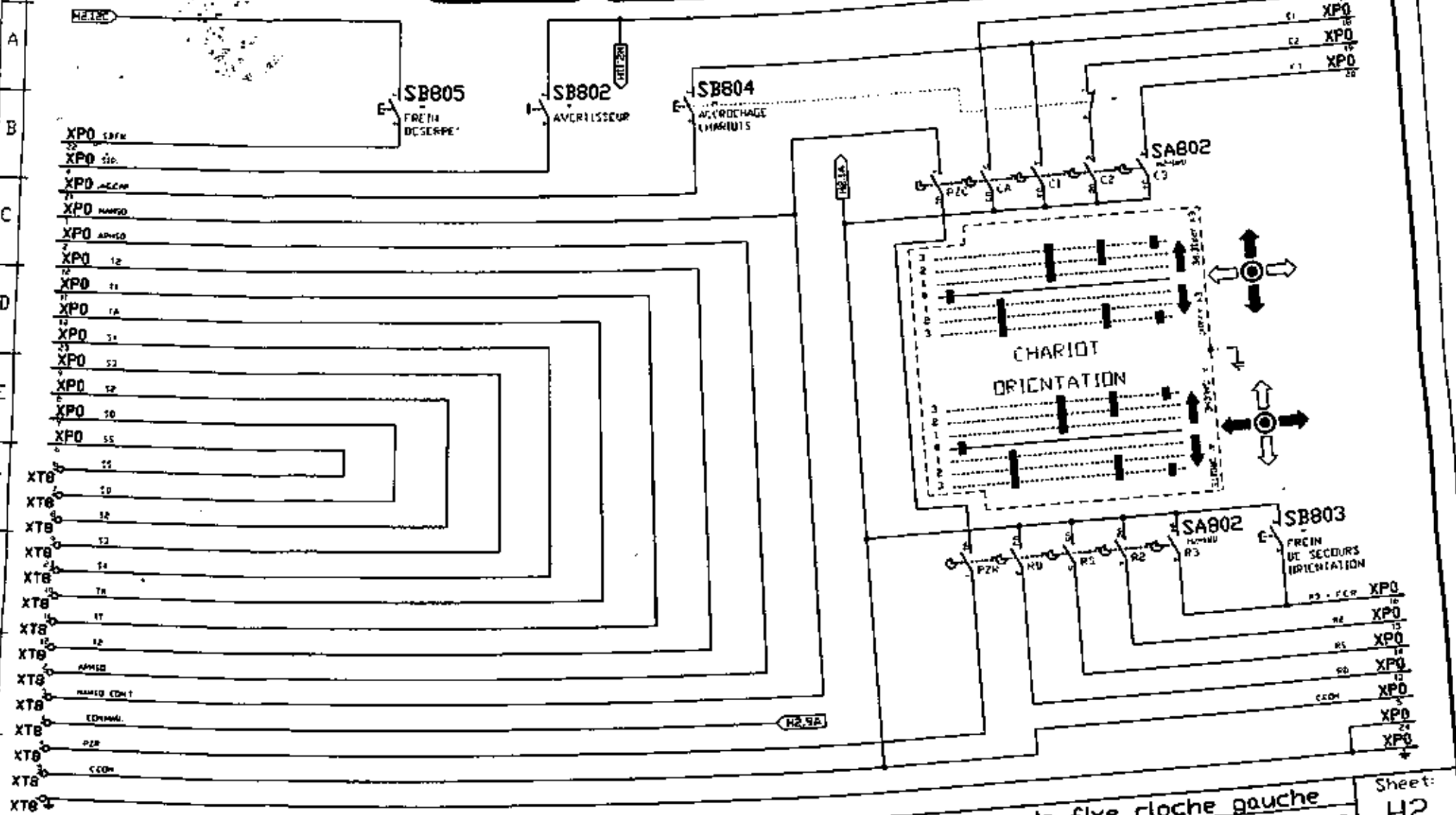
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MODIFIED ON	TYPE OF MODIFICATION	

STAMPED  
*Colautti*

48V50 Hz

48V60 Hz

24V Hz



EQUIPMENT FOR :			
MODIFIED	ON	TYPE OF MODIFICATION	SIGNATURE



TITLE : Commande fixe cloche gauche		FILE NAME: 333101002_H2	Sheet: H2
SCHEME:	DATE: 07-11-00	SCALE:	Next: V1
SIGNATURE: Colautti			





## Tableau récapitulatif tableau

Reference : 330901002-3

Tension Nominale : 400V

Frequence : 50Hz

Puissance necessaire :

Courant maxi 100% de la charge :

Alimentation derivée de : OEO

Derivation alimentation pour :

Derivation alimentation pour :

Derivation alimentation pour :

Derivation alimentation pour :

Derivation alimentation pour :

Derivation alimentation pour :

### DEPLACEMENT

Base tour :

Tour :

Element tour cabine :

Cabine :

Contre-fleche :

Fleche :

Porte-fleche :

Feuille : A2

# TEREX

## Gru Comedil S.r.l.

Nom de Tableau : TABLEAU SERVICES OEO

Dimensions : 508x306x200

Degre de protection : IP55

Couleur : RAL 7032 A 200'

Climatisation : RIEN

### INDEX

Feuille 01 : A2

Feuille 02 : A4

Feuille 03 : A5

Feuille 04 : B1

Feuille 05 : B2

Feuille 06 : B4

Feuille 07 : D1

Feuille 08 : H1

Feuille 09 : H2

Feuille 10 : V1

Feuille 11 : Z1

Feuille 12 :

Feuille 13 :

Feuille 14 :

Feuille 15 :

Feuille 16 :



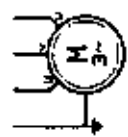

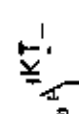
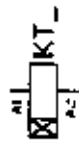
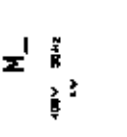
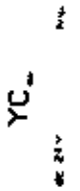
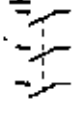
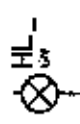
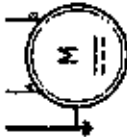
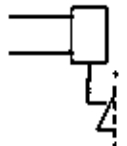

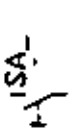
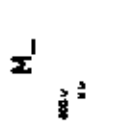
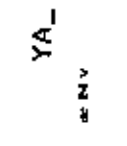
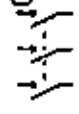
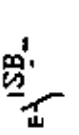

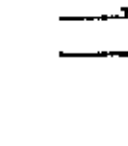




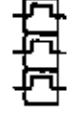
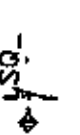
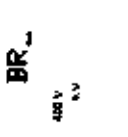
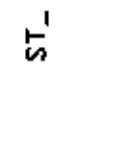



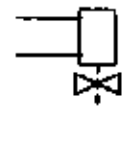
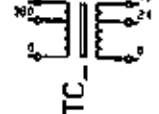
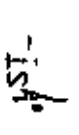
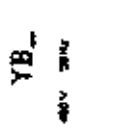
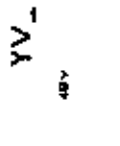

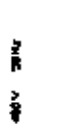
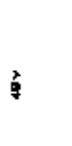
Feuille 17 :

Feuille 18 :

Feuille 19 :

Feuille 20 :



A	 KA- CONTACT AUXILIAIRE	 KA- RELAIS AUXILIAIRE	 MOTEUR A.C.	 JOINT TOURNANT ELECTROMAGNETIQUE
B	 KT- CONTACT TEMPERISE	 KT- TEMPORISATEUR RET. EXCITATION	 MOTEUR D.C.	 MOTEUR A.C.
C	 IKM- CONTACTS PUISSANCE	 HL- INDICATEUR LUMINEUX	 MOTEUR D.C.	 MOTEUR D.C.
D	 IOF- INTERRUPTEUR AUTOMATIQUE	 ISA- SELECTEUR	 MOTEUR D.C.	 MOTEUR D.C.
E	 IOS- DISPOSITIF SECTIONNEMENT	 SB- BOUTON-POUSOIR	 MOTEUR D.C.	 MOTEUR D.C.
F	 FU- FUSIBLE	 SB- BOUTON COUP DE FOINS	 DYNAMO TACHYMETRIQUE	 DYNAMO TACHYMETRIQUE
G	 FR- RELAIS THERMIQUE	 LSO- FIN DE COUSE INDUCTIF	 BR- FIN DE COUSE INDUCTIF	 FIN DE COUSE INDUCTIF
H	 GM- INT. PROTECTION MOTEUR	 LSL- DETECTEUR NIVEAU	 LSL- DETECTEUR NIVEAU	 DETECTEUR NIVEAU
	 TC- TRANSFORMATEUR	 YST- CAPTEUR DE TEMPERATURE	 YB- CAPTEUR DE TEMPERATURE	 CAPTEUR DE TEMPERATURE
		 YSO- FIN DE COURSE MACANIQUE	 YV- FIN DE COURSE MACANIQUE	 FIN DE COURSE MACANIQUE

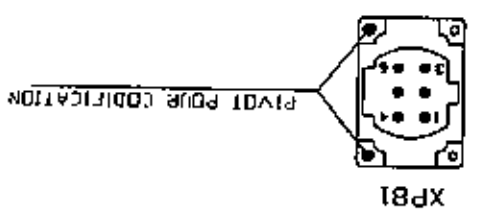
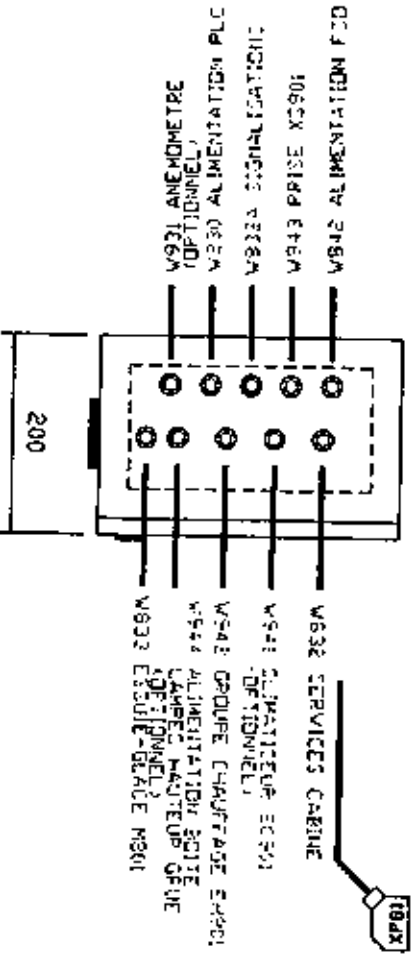
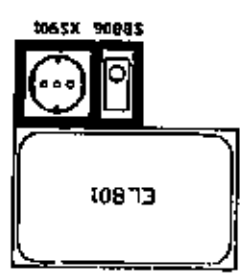
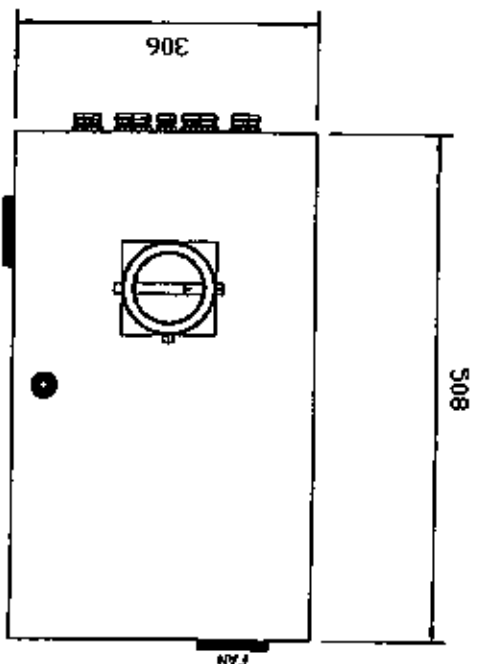
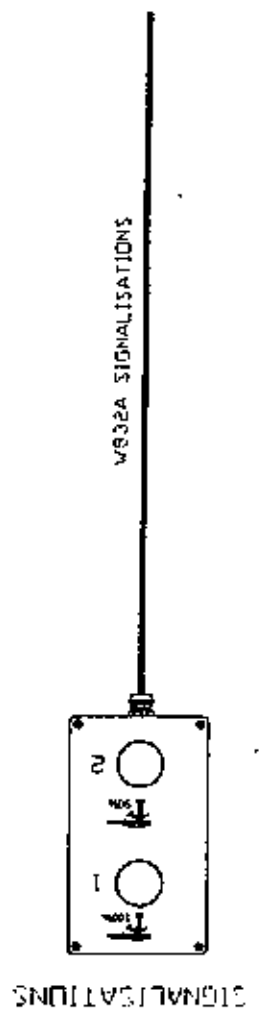
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TYPE OF MODIFICATION :		DATE: <b>09-03-00</b>		SCALE: <b>1/1</b>
SIGNATURE:		SIGNATURE: <b>De March</b>		

**TEREX**  
Gru Comedil S.r.l.

MODIFIED	ON	TYPE OF MODIFICATION	SIGNATURE

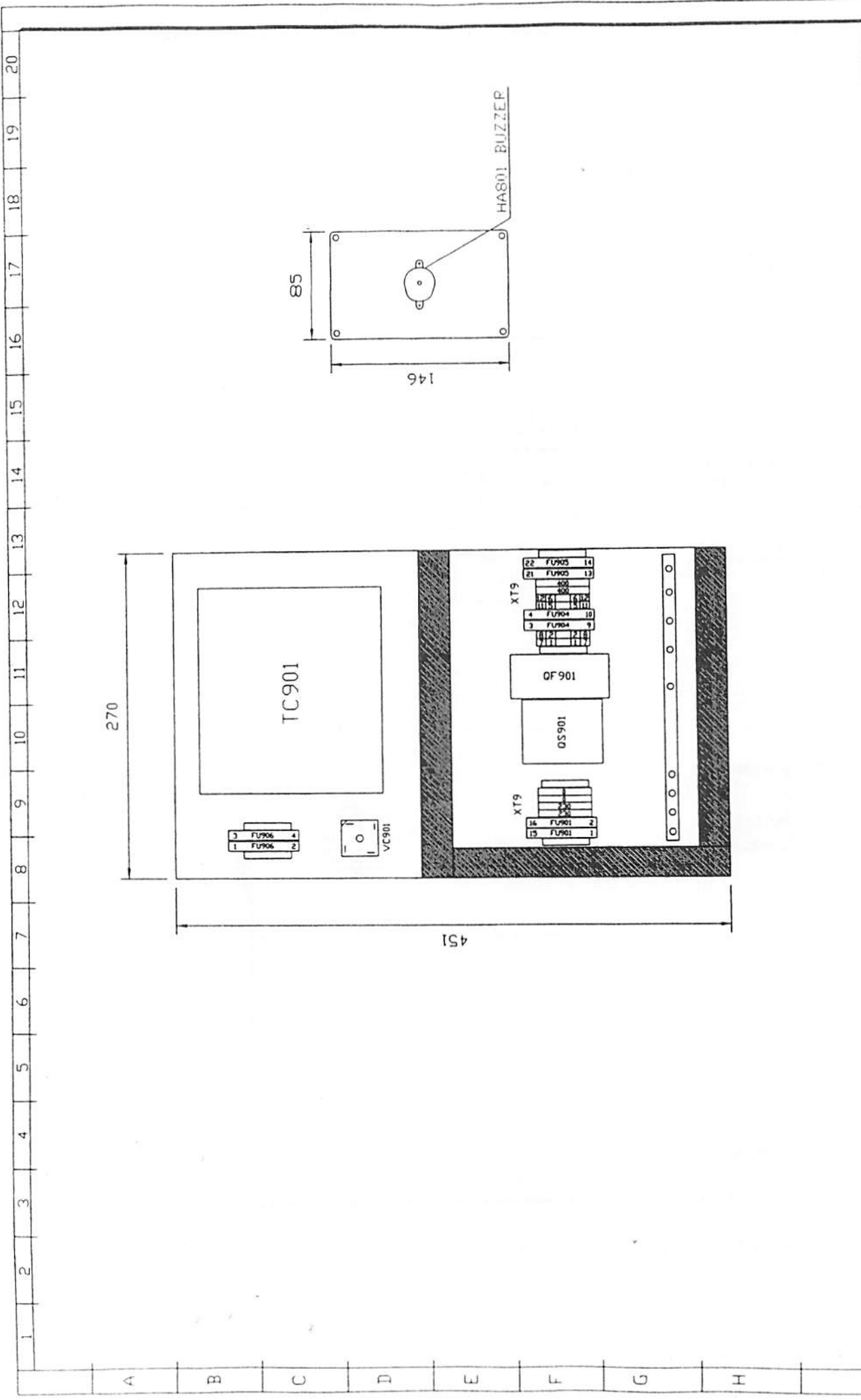
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**GRU Comedil S.r.l.**

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 DATE: 07-05-03  
 SCALE:  
 Next: B2  
 Sheet: B1



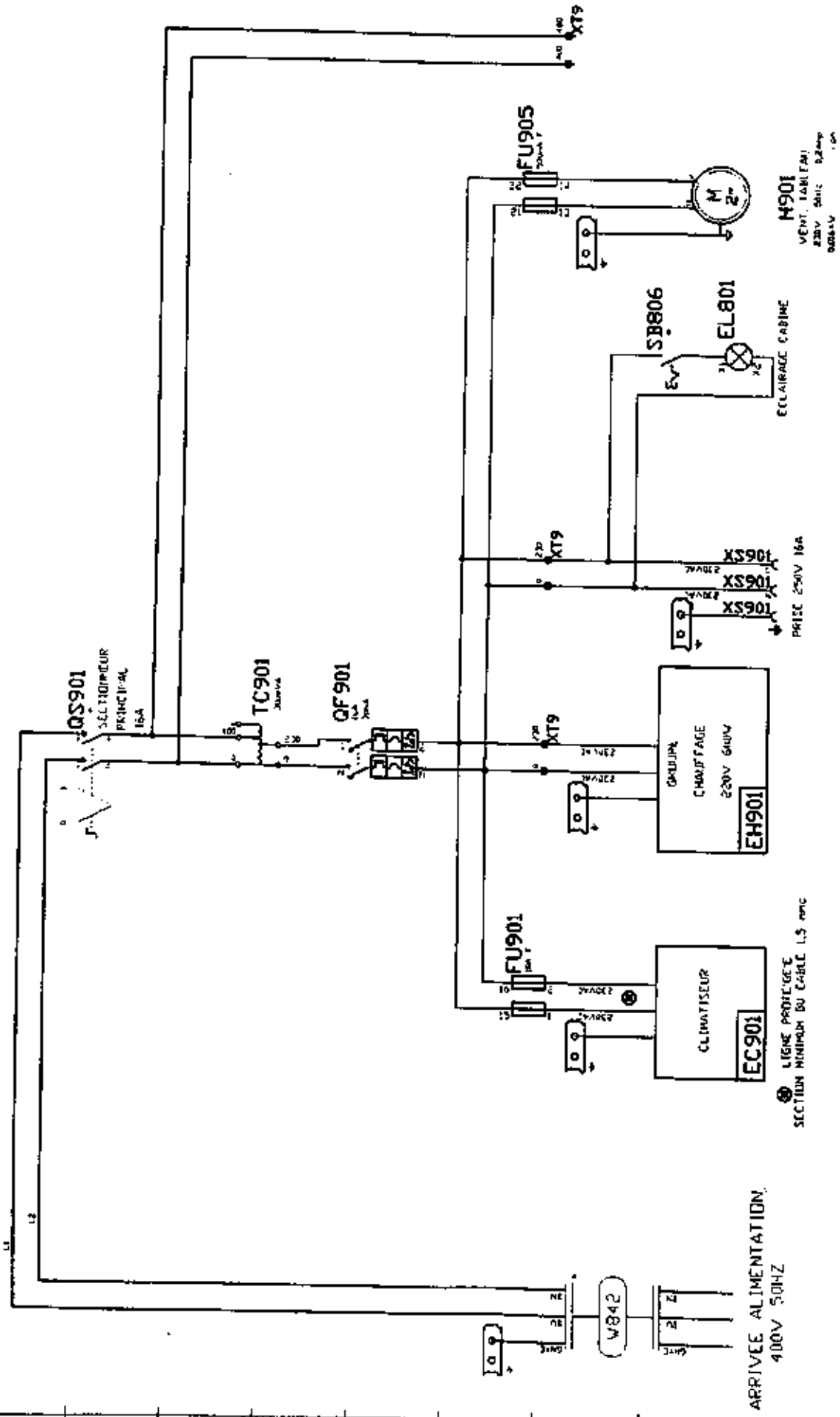
A B C D E F G H

20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2



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TESTED ON :		SCHEME: 330901002-3_B2		Next: B4
TYPE OF MODIFICATION :		DATE: 07-05-03		SIGNATURE: Colautti
SIGNATURE :		SCALE:		

400V/50 HZ      230V/50 HZ



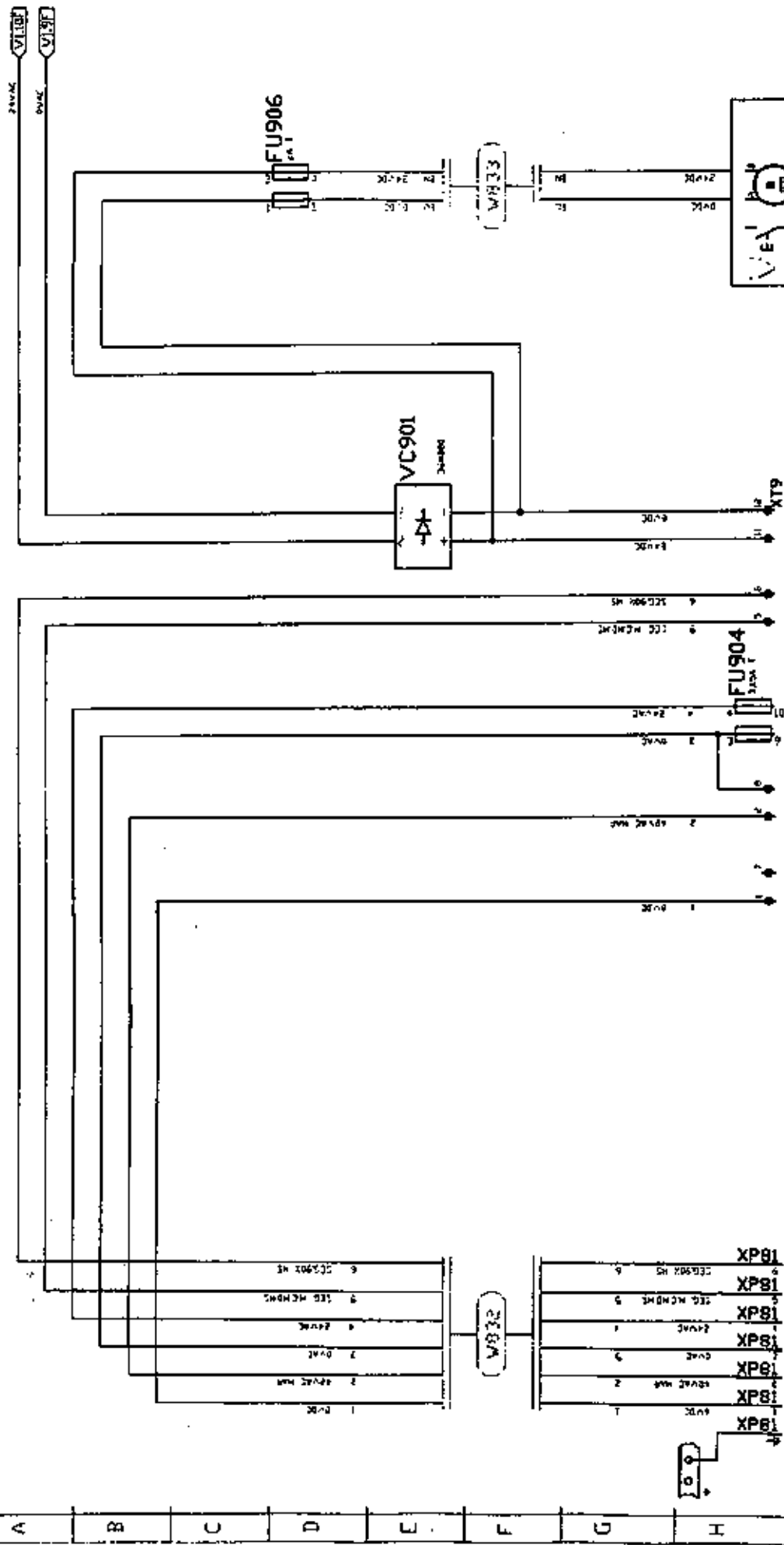
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MODIFIED	BY	DATE: 07-05-03	SCALE:	Next: H1
SIGNATURE		FILE NAME: 330901002-3_D1	SIGNATURE: Colanetti	

20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2

24V 50 Hz

48V 50 Hz

24V 50 Hz



EQUIPMENT FOR		TITLE: Circuits auxiliaires		Sheet: H1	
MODIFIED ON		SCHEME: FILE NAME: 330901002-3_M1		Next: H2	
TYPE OF MODIFICATION		DATE: 07-05-03		SCALE:	
SIGNATURE		SIGNATURE: <i>Colautti</i>			
		Gru Comedit S.r.l.			

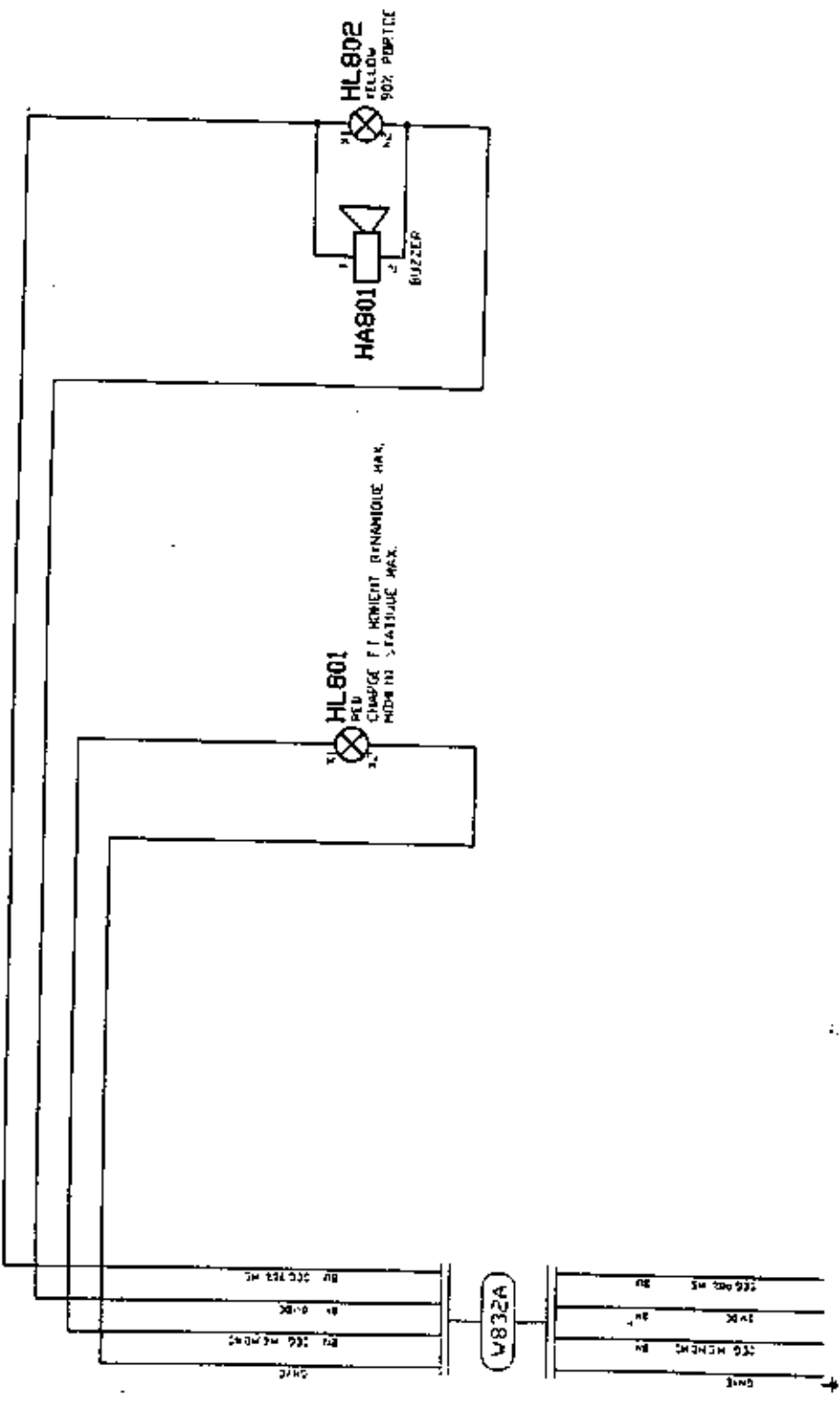
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48V50 Hz

48V60 Hz

24V Hz

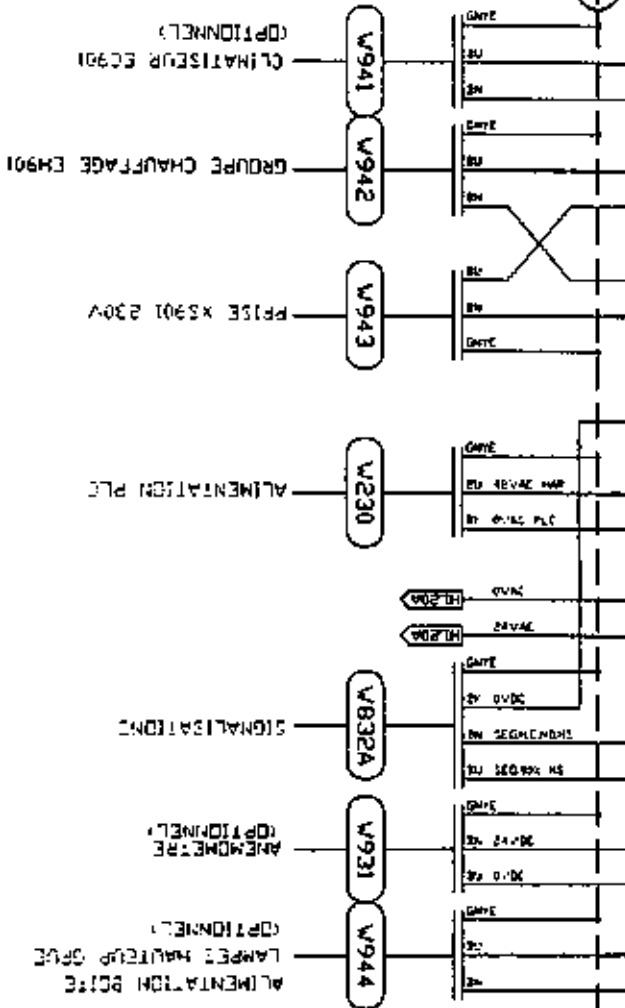
A B C D E F G H



EQUIPMENT FOR		TITLE : Signallisations		Sheet :
		SCHEME :		H2
		DATE : 07-05-03		Next : V1
		SCALE :		
		FILE NAME : 330901002-3_H2		
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		Gru Comedil S.r.l.		
MODIFIED BY :	IN :	TYPE OF MODIFICATION :	SIGNATURE :	

# XT9

TERMINAL N°	BRIDGE	TYPE	SHEET POSITION
1	o	FU901	D1.6G
2	o	FU901	D1.6G
230	o	4	D1.10G
230	o	4	D1.12G
0	o	4	D1.9G
0	o	4	D1.12G
1	o	4	H1.8H
7	o	4	H1.9H
8	o	4	H1.10H
8	o	4	H1.10H
9	o	FU904	H1.11H
10	o	FU904	H1.11H
5	o	4	H1.12H
6	o	4	H1.12H
11	o	4	H1.13H
12	o	4	H1.14H
400	o	4	D1.19G
400	o	4	D1.19G
13	o	FU905	D1.17G
14	o	FU905	D1.18G



**EQUIPEMENT POUR :**

**TEREX**  
Gru Comedil S.r.l.

**TITRE :** Boite a bornes XT9 services cabine

**SCHEME :** FILE NAME: 33090002-3\_V1

**DATE:** 07-05-03 **SCALE:** *Scale*

**DATE:** 07-05-03 **SCALE:** *Scale*

**Next:** Z1

## Tableau recapitulatif tableau

Tension Nominale : **24VDC**

Frequence :

Puissance necessaire :

Courant maxi 100% de la charge :

Alimentation derivee de : **ICS**

Derivation alimentation pour :

Derivation alimentation pour :

Derivation alimentation pour :

Derivation alimentation pour :

Derivation alimentation pour :

Derivation alimentation pour :

## DEPLACEMENT

Base tour :

Tour :

Element tour cabine :

Cabine :

Contre-fleche :

Fleche :

Porte-fleche :



Nom de Tableau : TABLEAU OPERATEUR

Dimensions : 200x200x70

Degre de protection :

Couleur :

Climatisation : RIEN

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Feuille 01 :	A2	Feuille 11 :	
Feuille 02 :	A4	Feuille 12 :	
Feuille 03 :	A5	Feuille 13 :	
Feuille 04 :	B1	Feuille 14 :	
Feuille 05 :	B2	Feuille 15 :	
Feuille 06 :	H1	Feuille 16 :	
Feuille 07 :	H2	Feuille 17 :	
Feuille 08 :	Z1	Feuille 18 :	
Feuille 09 :		Feuille 19 :	
Feuille 10 :		Feuille 20 :	



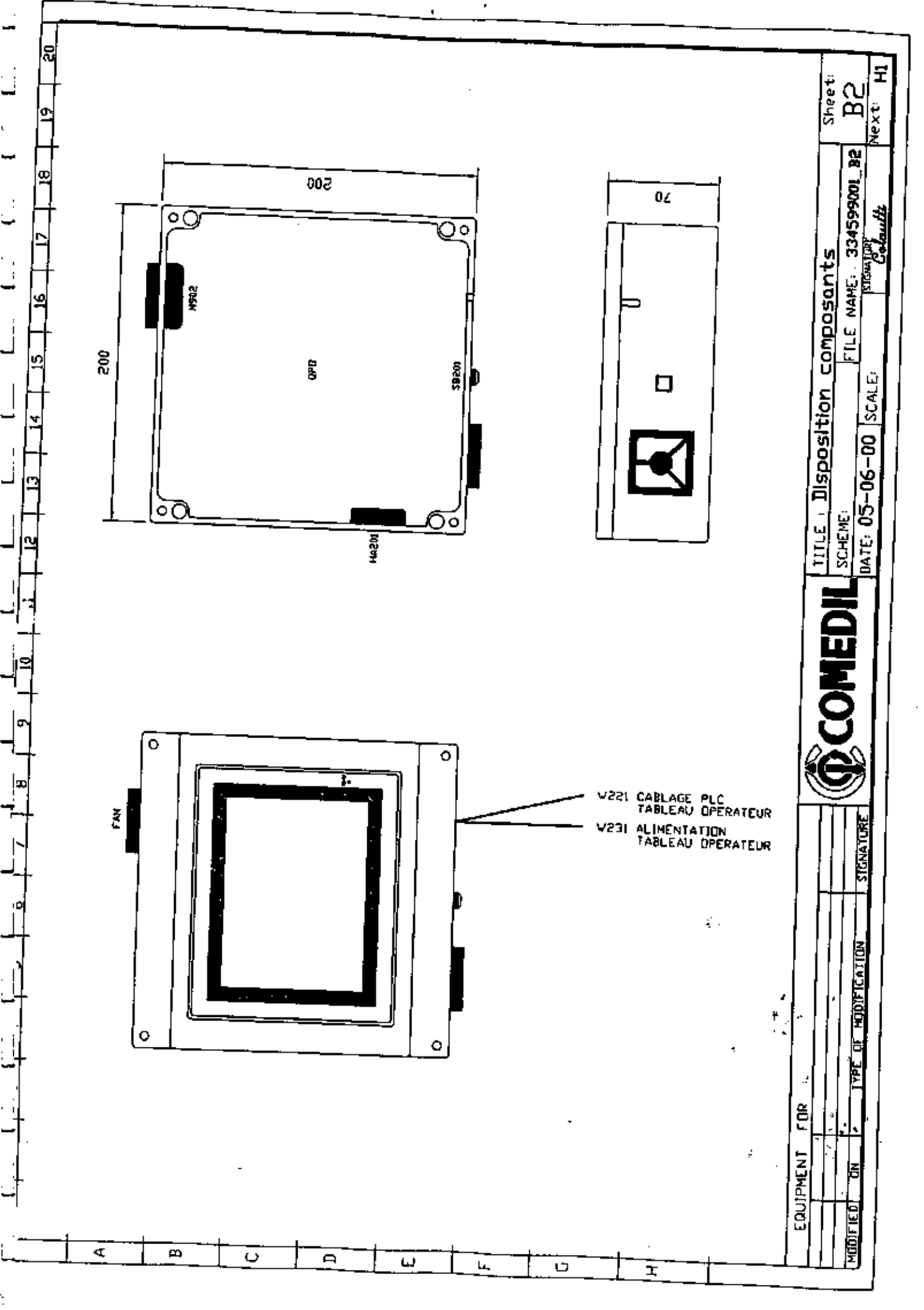
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B					SERRE-CABLE CABLE 9...20mm	
C					SERRE-CABLE CABLE 6...16mm	
D		MANIPULATEUR			SERRE-CABLE CABLE 6...13mm	
E					SERRE-CABLE CABLE 4...11mm	
F					CONNECTEUR 6 POLES	
G		MOUFLE			CONNECTEUR 10 POLES	
H		SERRE-CABLE CABLE 35...46mm			CONNECTEUR 16 POLES	
		SERRE-CABLE CABLE 29...40mm			CONNECTEUR 24 POLES	
		SERRE-CABLE CABLE 23...34mm				

EQUIPMENT	FDR		
MODIFIED	ON	TYPE OF MODIFICATION	SIGNATURE



TITLE : Gabarit de perçage		Sheet: A5
SCHEME:	FILE NAME: A5	
DATE: 09-03-00	SCALE:	SIGNATURE: <i>De March</i>

Next: B1



TITLE : Disposition composants

Sheet: B2

SCHEME: FILE NAME: 334599001\_B2

Next: H1

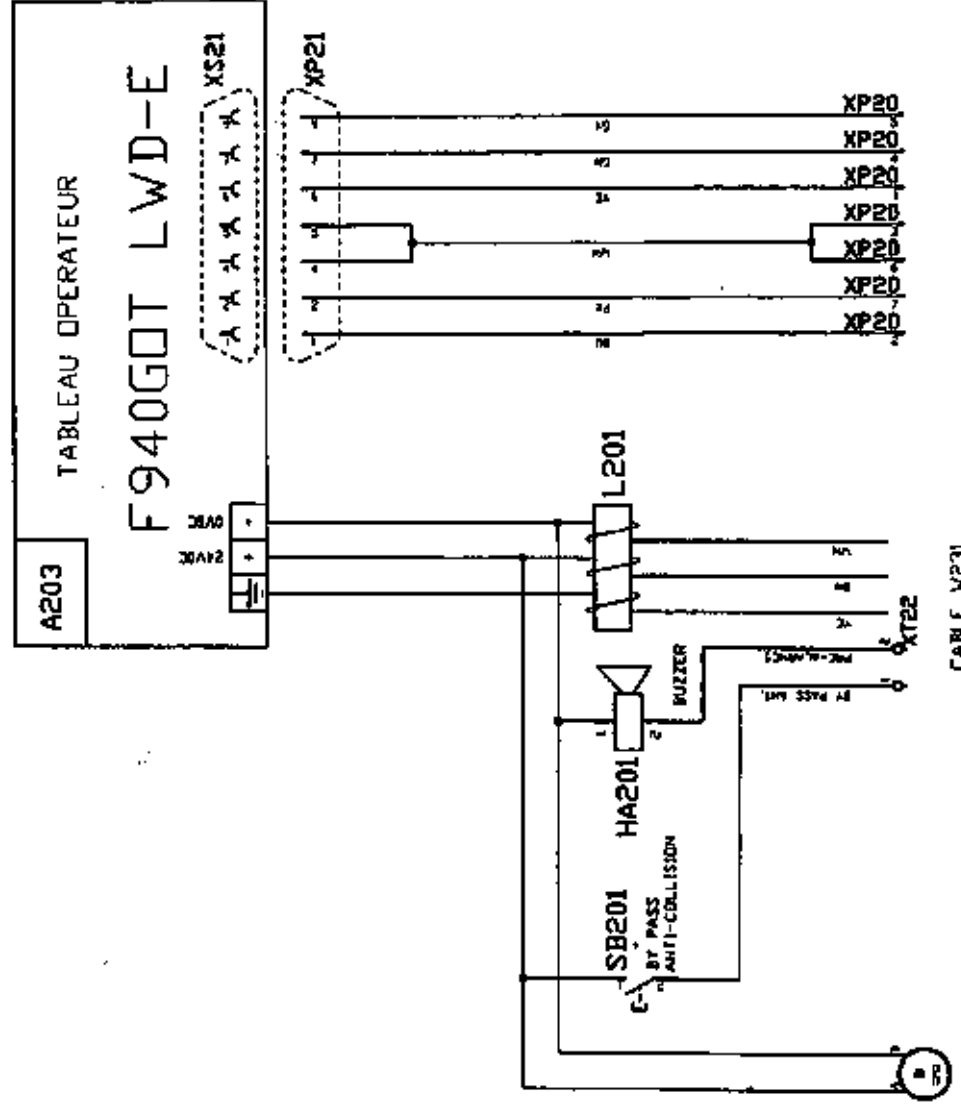
DATE: 05-06-00 SCALE:

EQUIPMENT FOR	MODIFIED ON	TYPE OF MODIFICATION	SIGNATURE

- V221 CABLAGE PLC TABLEAU OPERATEUR
- V231 ALIMENTATION TABLEAU OPERATEUR

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

24V HZ



M902  
VENTILATEUR TABLEAU OPERATEUR  
24V AC

CABLE V231

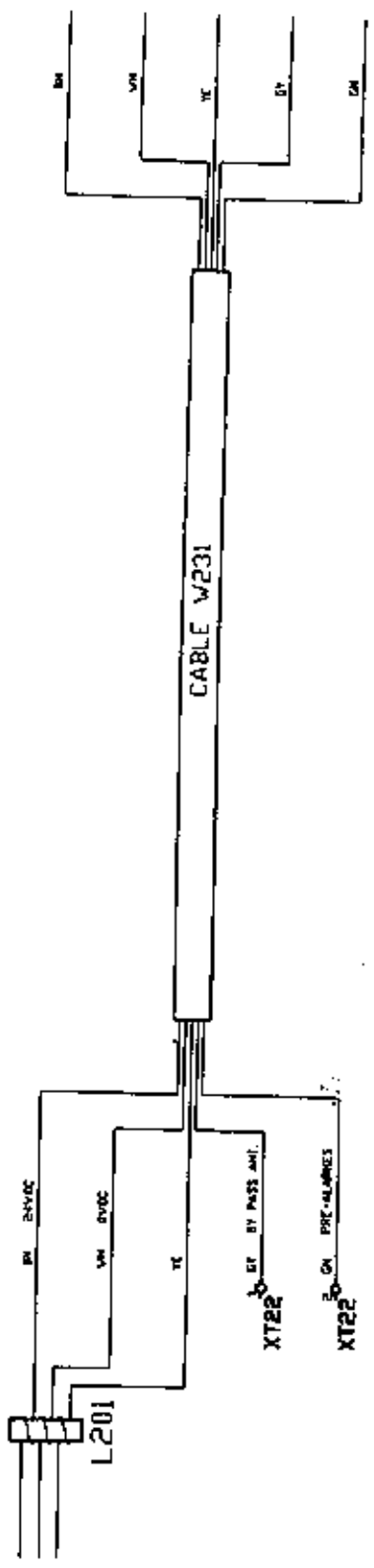
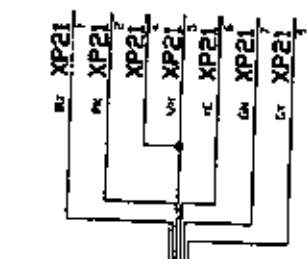
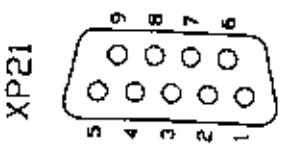
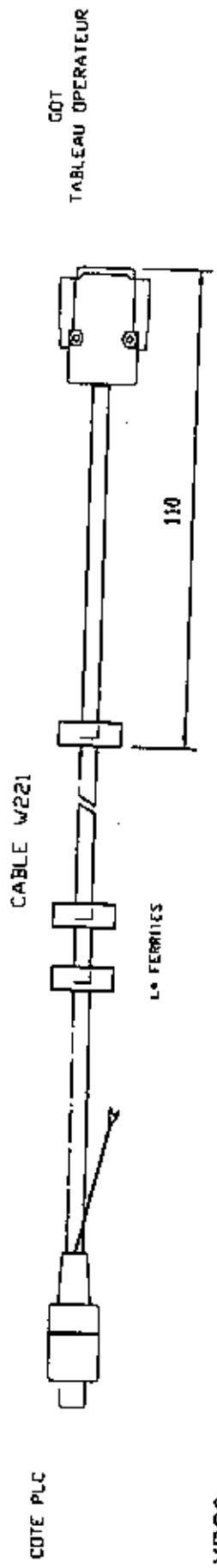
TITLE: Circuits auxiliaires tableau opérateur  
SCHEME: FILE NAME: 334599001\_H1  
DATE: 05-06-00 SCALE: SIGNATURE: Colauzzi



EQUIPMENT FOR		TYPE OF MODIFICATION		SIGNATURE	
MODIFIED	ON				

Sheet: H1  
Next: H2

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20



EQUIPMENT FOR		SIGNATURE				TITLE : Cables de connexion		Sheet: H2
						SCHEME: FILE NAME: 334599001_H2		Next: Z1
MODIFIED ON	TYPE OF MODIFICATION	DATE: 05-06-00	SCALE:	STANDARD <i>Colson</i>				

## Tableau recapitulatif tableau

Tension Nominale : 240VAC-240VAC-110VAC

Frequence : 50-60HZ

Puissance necessaire :

Courant maxi 100% de la charge :

Alimentation derivee de : F50

Derivation alimentation pour : QDS

Derivation alimentation pour :

Derivation alimentation pour :

Derivation alimentation pour :

Derivation alimentation pour :

Derivation alimentation pour :

### DEPLACEMENT

Base tour :

Tour :

Element tour cabine :

Cabine :

Contre-fleche :

Fleche :

Porte-fleche :



# COMEDIL

Nom de Tableau : ICS

Dimensions : 508x306x200

Degre de protection : IP55

Couleur :

Climatisation : RIEN

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Feuille 01 : A2

Feuille 02 : A4

Feuille 03 : A5

Feuille 04 : B1

Feuille 05 : B2

Feuille 06 : 01

Feuille 07 : H1

Feuille 08 : H2

Feuille 09 : H3

Feuille 10 : V1

Feuille 11 : Z1

Feuille 12 :

Feuille 13 :

Feuille 14 :

Feuille 15 :

Feuille 16 :

Feuille 17 :

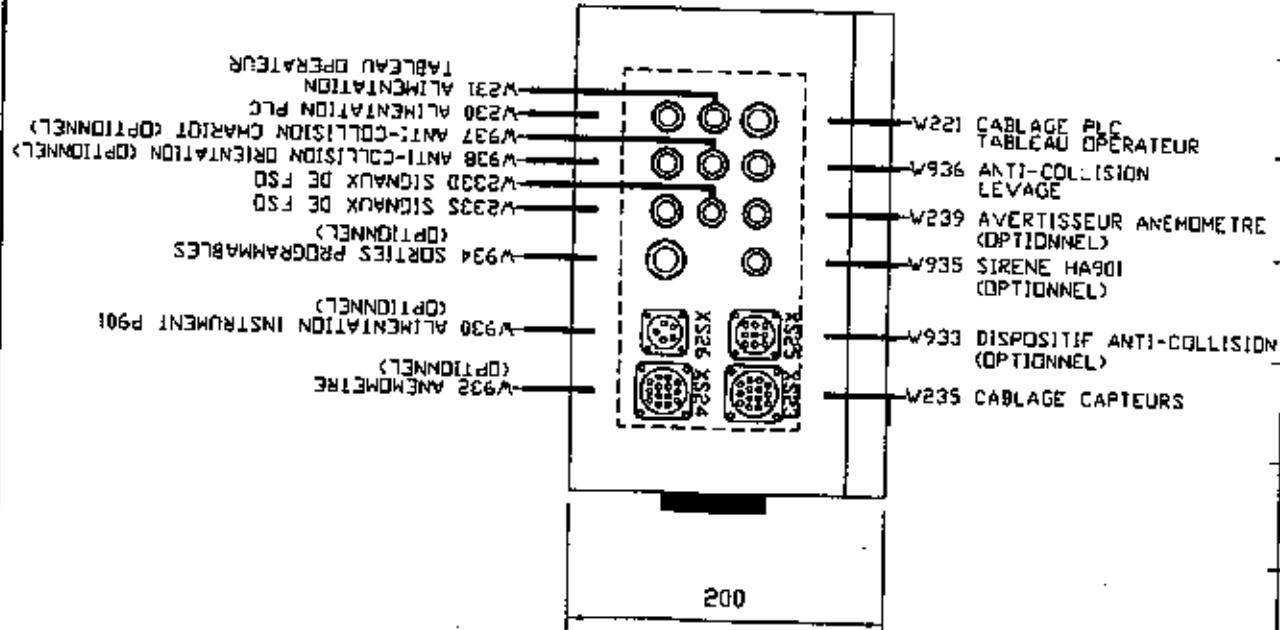
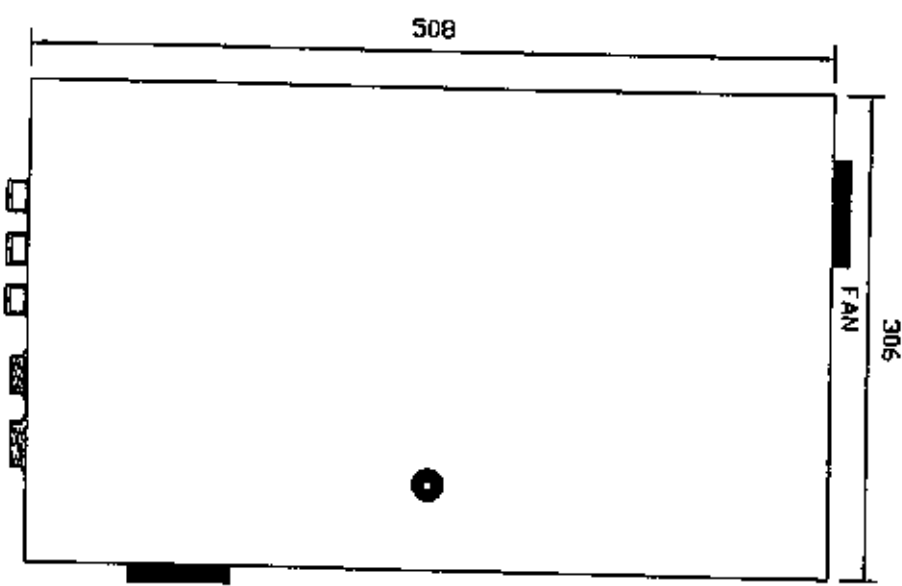
Feuille 18 :

Feuille 19 :

Feuille 20 :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

A B C D E F G H



EQUIPMENT FOR

MODIFIED ON TYPE OF MODIFICATION SIGNATURE



TITLE : Detail tableau ICS

SCHEME:

DATE: 18-05-00

SCALE:

FILE NAME: 33-4101001\_B1

Signature: *Colavelli*

Sheet: B1

Next: B2

	SYMBOLE	DESIGNATION	GABARIT DE PERCAGE	SYMBOLE	DESIGNATION	GABARIT DE PERCAGE
A		BOUTON-POUSOIR SELECTEUR POUSOIR LUMINEUX BOUT.COUP DE POIG LAMPE			SERRE-CABLE CABLE 17...28mm	
B					SERRE-CABLE CABLE 9...20mm	
C		MANIPULATEUR			SERRE-CABLE CABLE 6...16mm	
D					SERRE-CABLE CABLE 6...13mm	
E					SERRE-CABLE CABLE 4...11mm	
F					MOUFLE	
G		SERRE-CABLE CABLE 35...46mm			CONNECTEUR 6 POLES	
H		SERRE-CABLE CABLE 29...40mm			CONNECTEUR 10 POLES	
		SERRE-CABLE CABLE 23...34mm			CONNECTEUR 16 POLES	
					CONNECTEUR 24 POLES	

EQUIPMENT FOR :



TITLE : Gabarit de perçage

Sheet:

SCHEME:

FILE NAME: A5

A5

MODIFIED

ON

TYPE OF MODIFICATION

SIGNATURE

DATE: 09-03-00

SCALE:

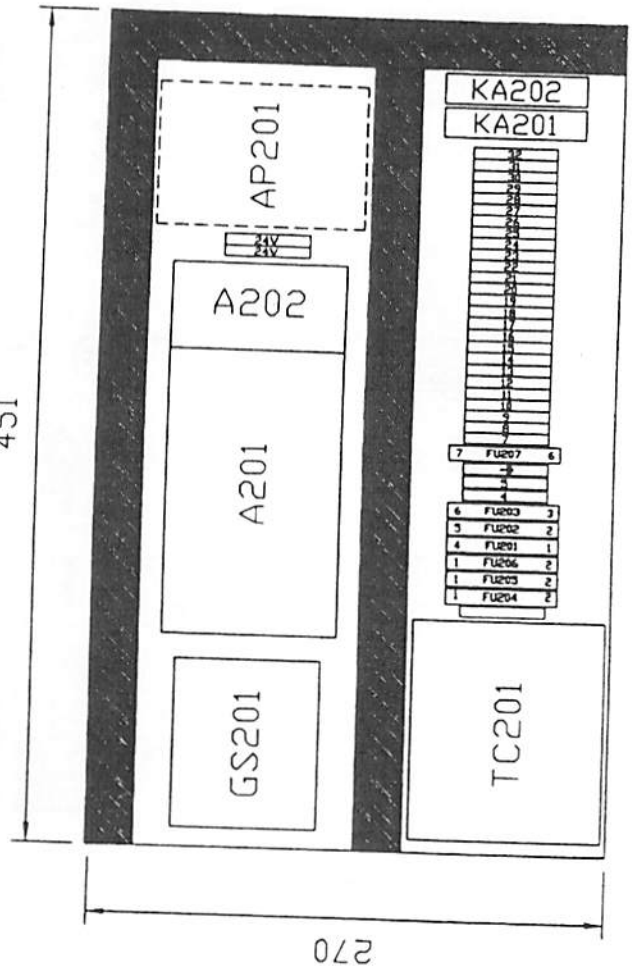
SIGNATURE

De March

Next: B1

20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

A B C D E F G H



EQUIPMENT FOR :		TITLE : Disposition bolte ICS		Sheet :
MODIFIED ON	TYPE OF MODIFICATION	SCHEME :	FILE NAME : 334101001_B2	B2
		DATE : 18-05-00	SCALE :	Next : D1
		SIGNATURE : <i>Colautti</i>		
		<b>COMEDIL</b>		



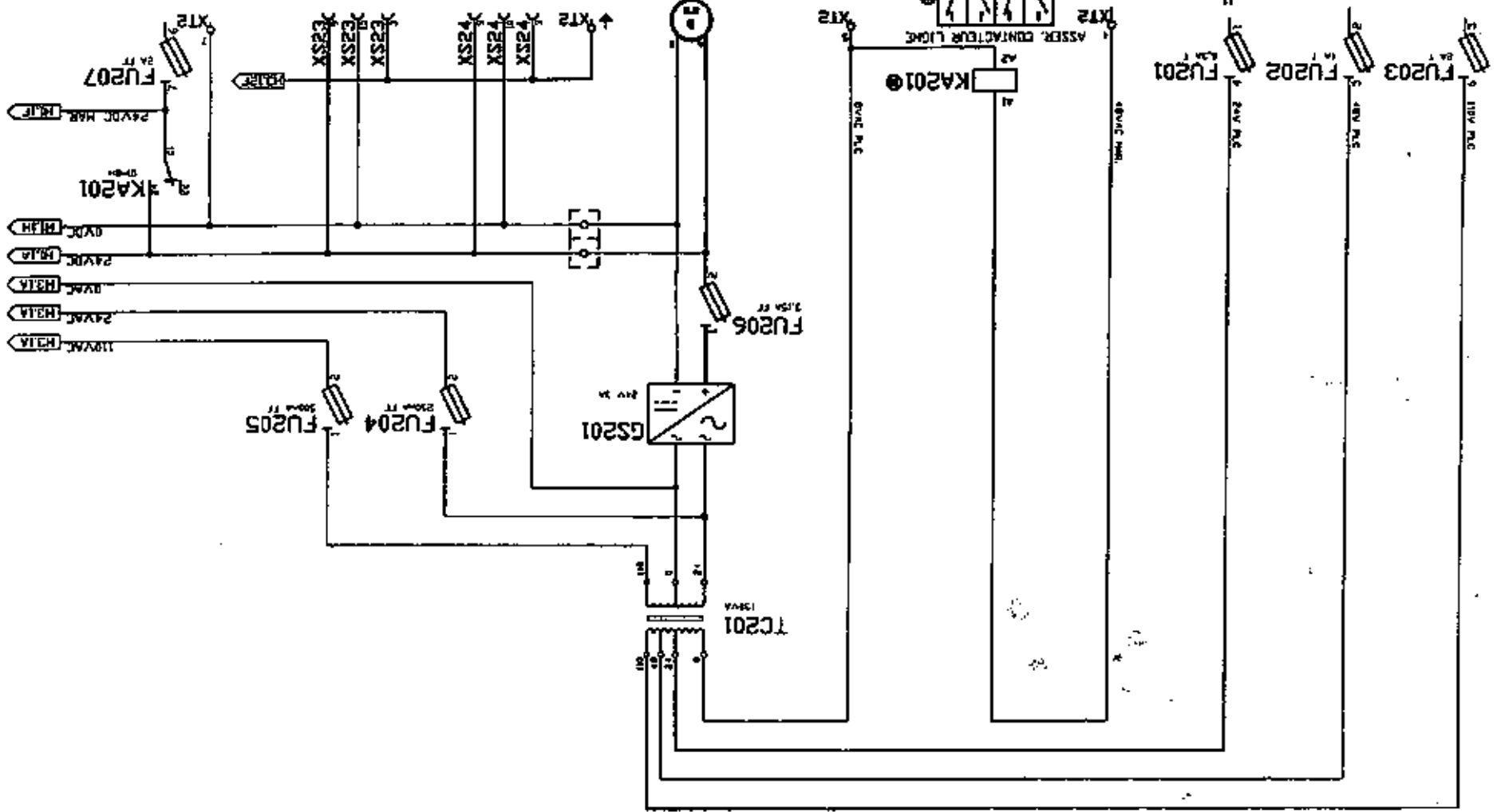


ALIMENTATION TABLEAU VENTILATEUR M901  
 ALIMENTATION CAPTEUR  
 ALIMENTATION ANEMOMETRE  
 ALIMENTATION TABLEAU OPERATEUR

J= DANS LE CAS D'ANTI-COLLISION,  
 OTER LE POINTER JI EN AMENANT  
 UNE ALIMENTATION SEPARÉE

LA BOBINE DU RELAIS EST  
 EN FONCTION DE L'ENTRÉE  
 DE TENSION DESIRÉE

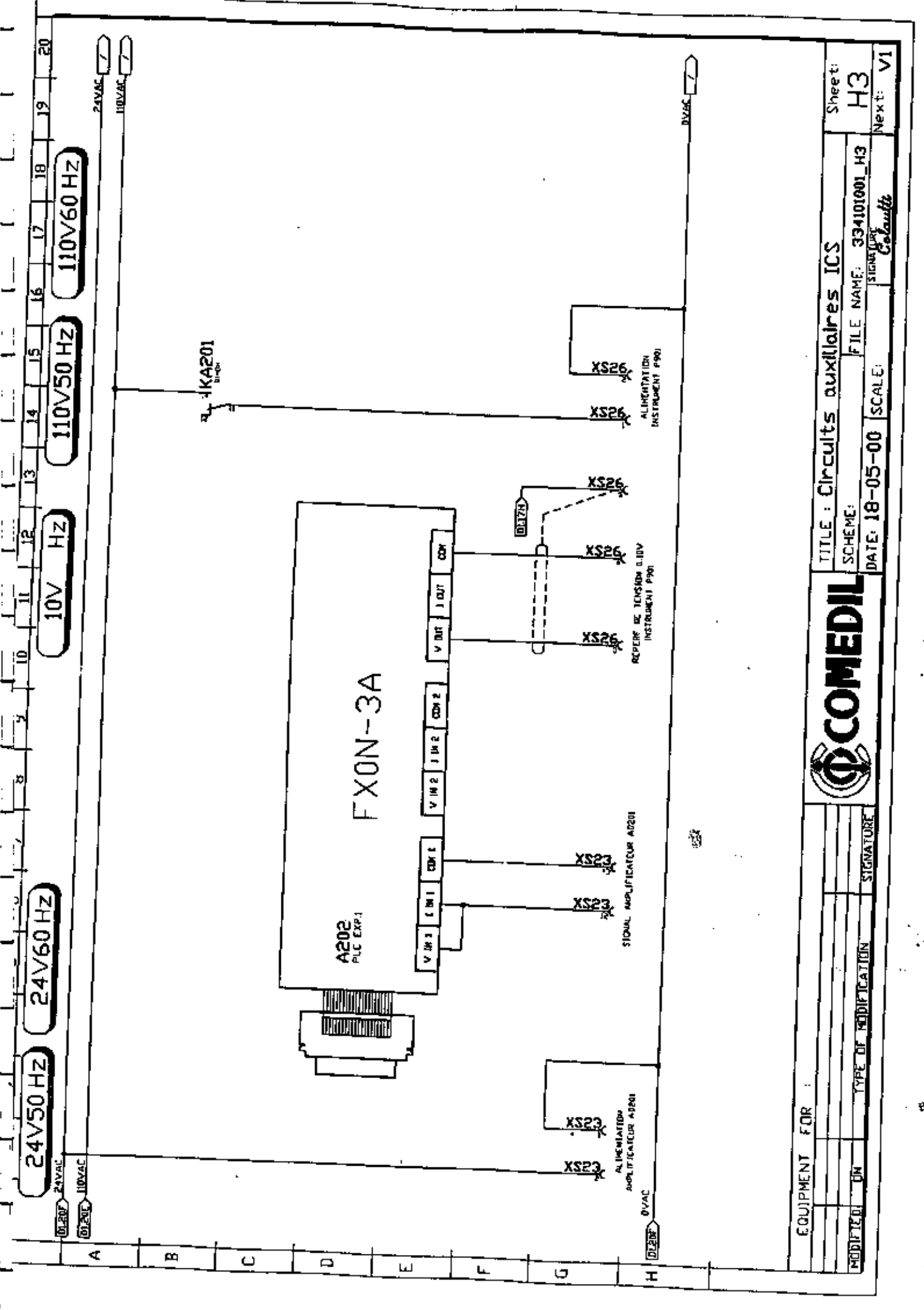
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24V50 HZ    24V60 HZ    48V50 HZ    48V60 HZ    110V50 HZ    110V60 HZ



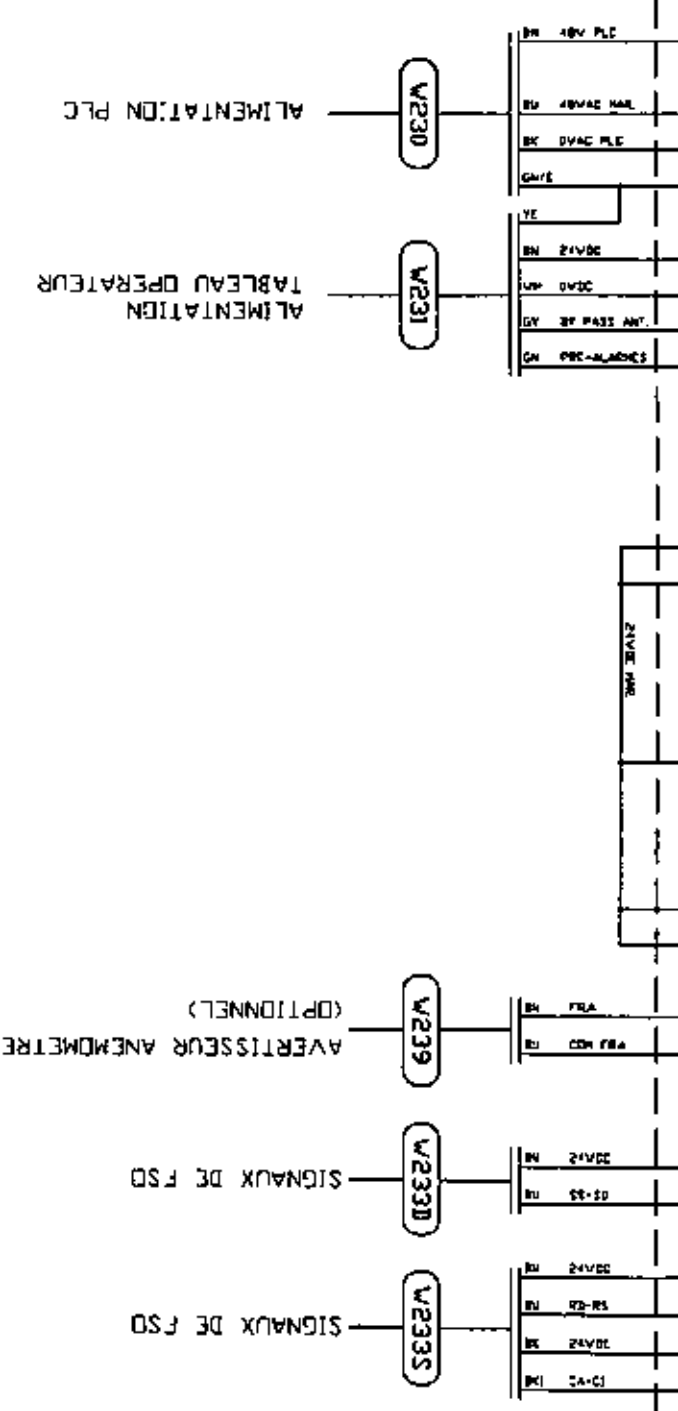




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MODIFIED	BY	SCHEME:	FILE NAME: 334101001_H3	H3
DATE: 18-05-00	SCALE:	SIGNATURE: <i>C. Lauff</i>		Next: V1
TYPE OF MODIFICATION		SIGNATURE		



XT2			
TERMINAL N°	BRIDGE	TYPE	SHEET POSITION
2	o	FU204	D1.15E
2	o	FU205	D1.16E
2	o	FU206	D1.11F
1	o	FU201	D1.5M
2	o	FU202	D1.3H
3	o	FU203	D1.2H
4	o	2,5	D1.6H
5	o	2,5	D1.10H
	o	2,5	D1.13H
6	o	FU207	D1.18H
7	o	2,5	D1.18H
8	o	2,5	H2.8A
9	o	2,5	H1.16G
10	o	2,5	H1.2G
11	o	2,5	H1.2G
12	o	2,5	H1.3G
13	o	2,5	H1.4G
14	o	2,5	H1.4G
15	o	2,5	H1.5G
16	o	2,5	H1.7G
17	o	2,5	H1.9G
18	o	2,5	H1.10G
19	o	2,5	H1.12G
20	o	2,5	H1.12G
21	o	2,5	H1.14G
22	o	2,5	H1.18G
23	o	2,5	H2.4G
24	o	2,5	H2.11G
25	o	2,5	H2.17A
26	o	2,5	H2.16A
27	o	2,5	H1.13B
28	o	2,5	H1.13C
29	o	2,5	H1.15B
30	o	2,5	H1.15C
31	o	2,5	H1.16B
32	o	2,5	H1.16C



EQUIPMENT FOR :

MODIFIED ON TYPE OF MODIFICATION SIGNATURE



TITLE : Boite a bornes XT2 ICS

SCHEME : FILE NAME: 334101001\_V1

DATE: 18-05-00 SCALE:

Next: Z1

Sheet: V1



STILE	Q.TE.	DESIGNATION	CODE/TYPE	FABRICANT	STILE	Q.TE.	DESIGNATION	CODE/TYPE	FABRICANT
FU201	1	BORNE PORTE-FUSIBLE IP 5x20	4344SH	MORSETTITALIA	X523	1	GRPS PRISE 14 POLES	182641-1	AMP
FU202	1	BORNE PORTE-FUSIBLE IP 5x20	4344SH	MORSETTITALIA	X524	1	GRPS PRISE 14 POLES	66105-2	AMP
FU203	1	BORNE PORTE-FUSIBLE IP 5x20	4344SH	MORSETTITALIA	X525	4	PIN PRISE	182641-1	AMP
FU204	1	FUSIBLES 5x20 T 6,3A 250V	4344SH	MORSETTITALIA	X524	1	GRPS PRISE 14 POLES	66105-2	AMP
FU205	1	BORNE PORTE-FUSIBLE IP 5x20	4344SH	MORSETTITALIA	X525	1	GRPS PRISE 9 POLES	247-6910	RS
FU206	1	FUSIBLES 5x20 FT 2A 250V	4344SH	MORSETTITALIA	X526	8	PIN PRISE	484-559	RS
FU207	1	BORNE PORTE-FUSIBLE IP 5x20	4344SH	MORSETTITALIA	X526	1	GRPS PRISE 5 POLES	360-2081	RS
FU208	1	FUSIBLES 5x20 FT 2A 250V	4344SH	MORSETTITALIA	X526	5	PIN PRISE	484-559	RS
FU209	1	TRANSFORMATEUR MONOPHASE 150VA	4344SH	MORSETTITALIA	X526	1	CAISSE 508x306x200 SERIE D93	D93/11	ZANARDO
TC201	1	0-24-48-110V / 24-0-48V 50-60HZ	4344SH	MORSETTITALIA	X526	1	CAISSE 508x306x200 SERIE D93	D93/11	ZANARDO
GS201	1	ALIMENTATEUR STABILIS.	4344SH	MORSETTITALIA	X526	1	CAISSE 508x306x200 SERIE D93	D93/11	ZANARDO
AS201	1	CONTROLER PROGRAMMABLE 321/0	4344SH	MORSETTITALIA	X526	1	CAISSE 508x306x200 SERIE D93	D93/11	ZANARDO
AS202	1	EXPANSION PLC	4344SH	MORSETTITALIA	X526	1	CAISSE 508x306x200 SERIE D93	D93/11	ZANARDO
KA201	1	RELAIS AUXILIAIRE 48V 50/60HZ	4344SH	MORSETTITALIA	X526	1	CAISSE 508x306x200 SERIE D93	D93/11	ZANARDO
KA202	1	SDCLE RELAIS AUXILIAIRES	4344SH	MORSETTITALIA	X526	1	CAISSE 508x306x200 SERIE D93	D93/11	ZANARDO
KA203	1	RELAIS AUXILIAIRE 24VDC	4344SH	MORSETTITALIA	X526	1	CAISSE 508x306x200 SERIE D93	D93/11	ZANARDO
KA204	1	SDCLE RELAIS AUXILIAIRES	4344SH	MORSETTITALIA	X526	1	CAISSE 508x306x200 SERIE D93	D93/11	ZANARDO
M901	1	VENTILATEUR TABLEAU	4344SH	MORSETTITALIA	X526	1	CAISSE 508x306x200 SERIE D93	D93/11	ZANARDO
M902	1	GRILLE	4344SH	MORSETTITALIA	X526	1	CAISSE 508x306x200 SERIE D93	D93/11	ZANARDO

A  
 B  
 C  
 D  
 E  
 F  
 G  
 H

## Tableau recapitulatif tableau

Tension Nominale : 24VDC-24VAC

Frequence : 50-60HZ

Puissance necessaire :

Courant maxi 100% de la charge :

Alimentation derivee de : ICS

Derivation alimentation pour :

Derivation alimentation pour :

Derivation alimentation pour :

Derivation alimentation pour :

Derivation alimentation pour :

Derivation alimentation pour :

### DEPLACEMENT

Boss tour :

Tour :

Element tour cabine :

Cabine :

Contre-fleche :

Fleche :

Porte-fleche :



# COMEDIL

Nom de Tableau : BOITE DE DERIVATION CAPTEURS

Dimensions : 185x161x80

Degre de protection : IP55

Couleur :

Climatisation : RIEN

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Feuille 01 : A2

Feuille 02 : A4

Feuille 03 : A5

Feuille 04 : B1

Feuille 05 : B2

Feuille 06 : H1

Feuille 07 : H2

Feuille 08 : Z1

Feuille 09 :

Feuille 10 :

Feuille 11 :

Feuille 12 :

Feuille 13 :

Feuille 14 :

Feuille 15 :

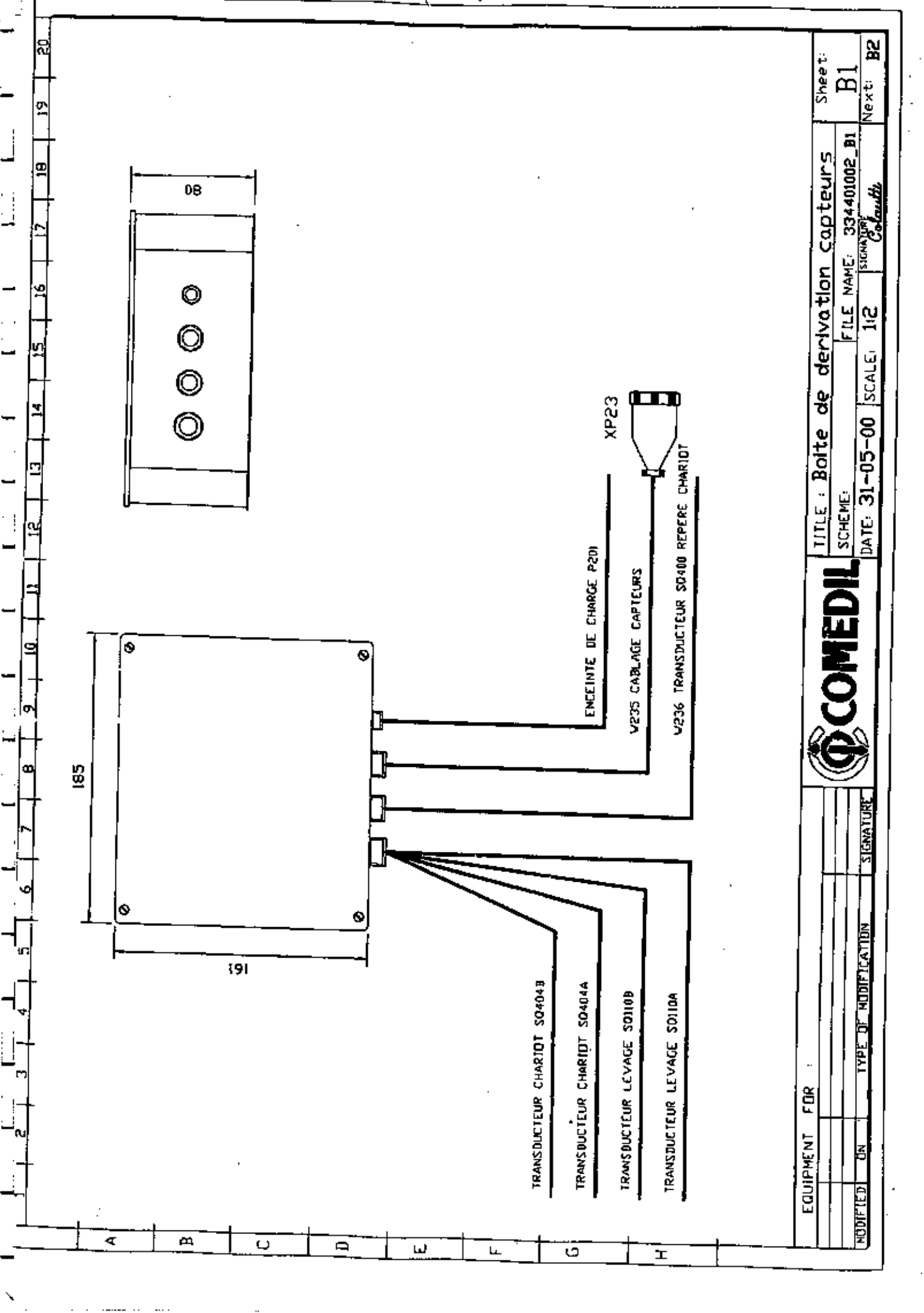
Feuille 16 :

Feuille 17 :

Feuille 18 :

Feuille 19 :

Feuille 20 :

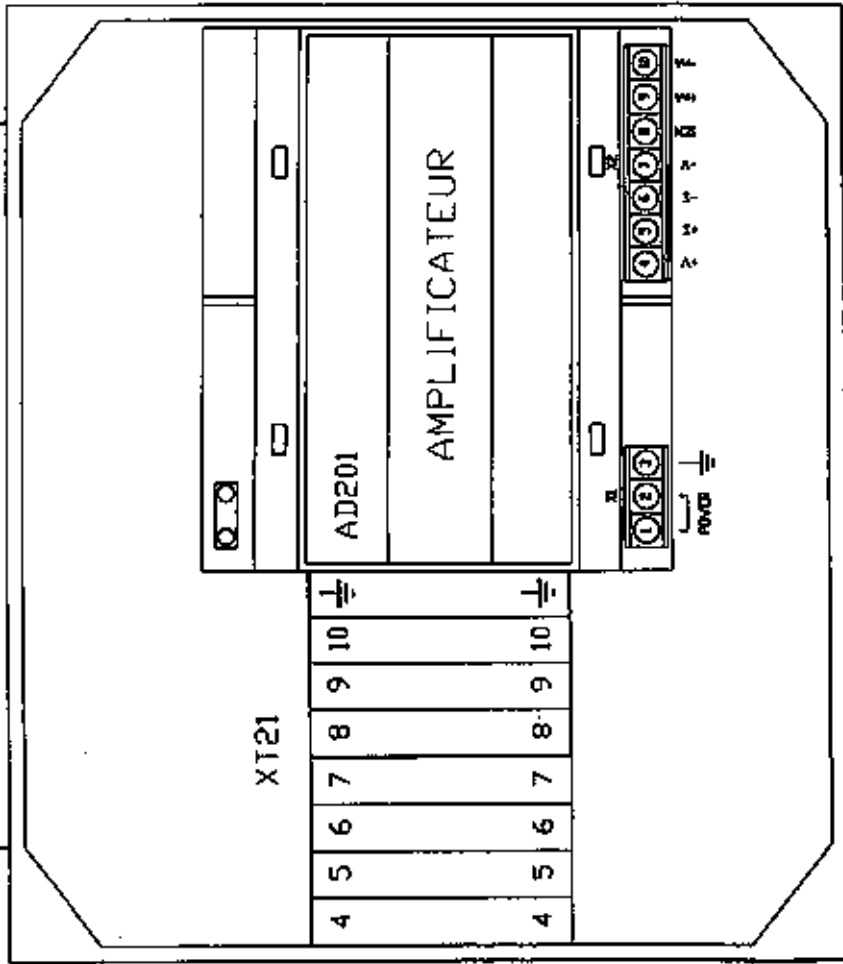


EQUIPMENT FOR :		TITLE : Boite de derivation capteurs		Sheet: B1
MODIFIED ON	TYPE OF MODIFICATION	SCHEME:	FILE NAME: 334401002_B1	Next: B2
		DATE: 31-05-00	SCALE: 1:2	SIGNATURE: <i>Colavito</i>



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

140



125

Sheet: B2  
 Next: H1  
 TITLE: Disposition composants  
 FILE NAME: 334401002\_B2  
 DATE: 31-05-00  
 SCALE:  
 Signature: *Colautti*



EQUIPMENT FOR	
MODIFIED IN	TYPE OF MODIFICATION
	SIGNATURE

A B C D E F G H

24V HZ

24V50 HZ

24V60 HZ

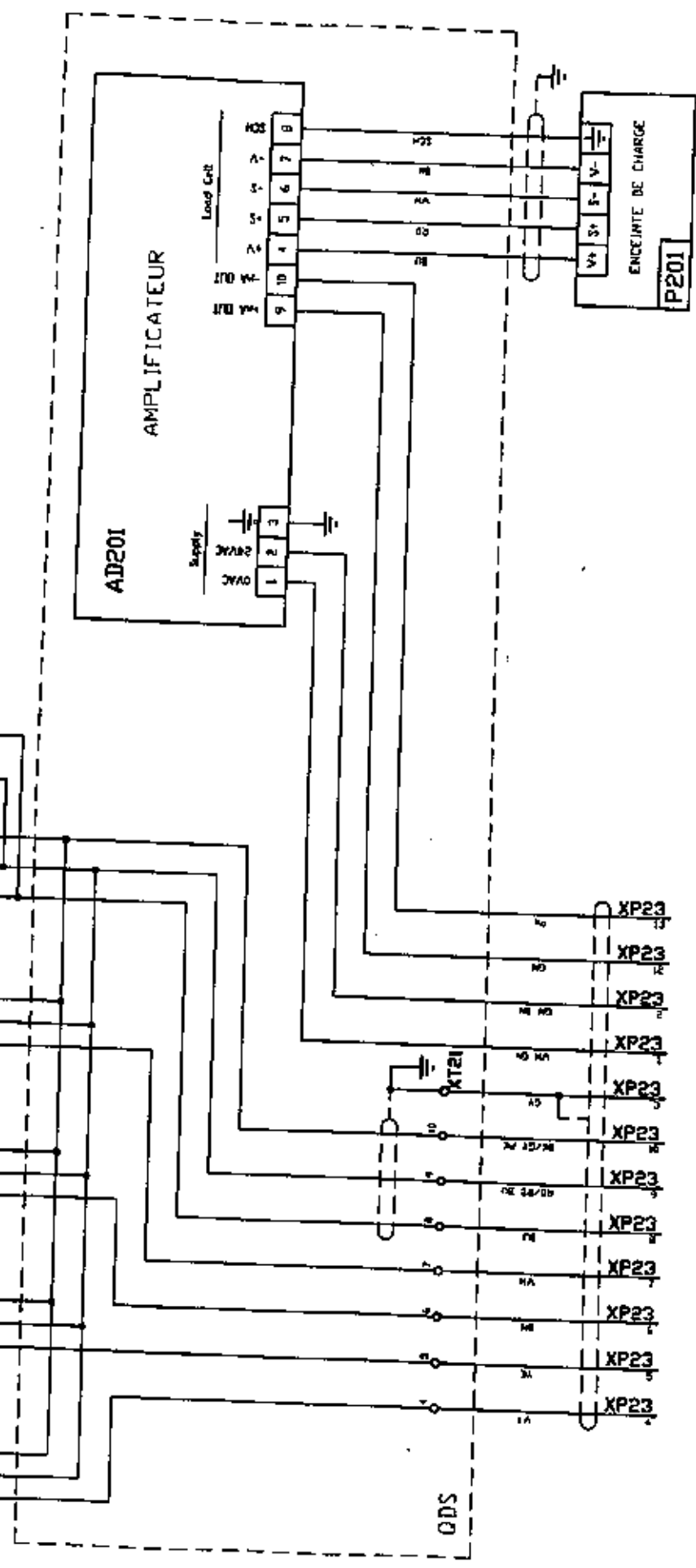
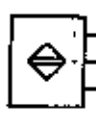
SQ110A  
TRANSDUCTEUR  
LEVAGE

SQ110B  
TRANSDUCTEUR  
LEVAGE

SQ404A  
TRANSDUCTEUR  
CHARIOT

SQ404B  
TRANSDUCTEUR  
CHARIOT

SQ400  
TRANSDUCTEUR  
REPERE  
CHARIOT



EQUIPMENT FOR		SIGNATURE	
MODIFIED	ON	TYPE OF MODIFICATION	

TITLE : Circuits auxiliaires capteurs

SCHEME : FILE NAME: 334401002\_H1

DATE: 31-05-00 SCALE

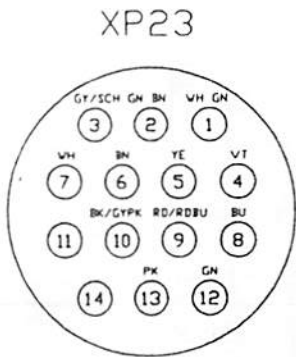
SIGNATURE: Colautti

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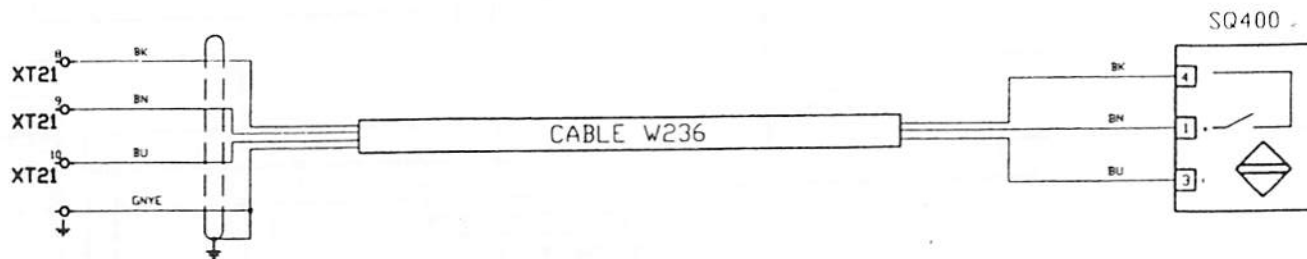
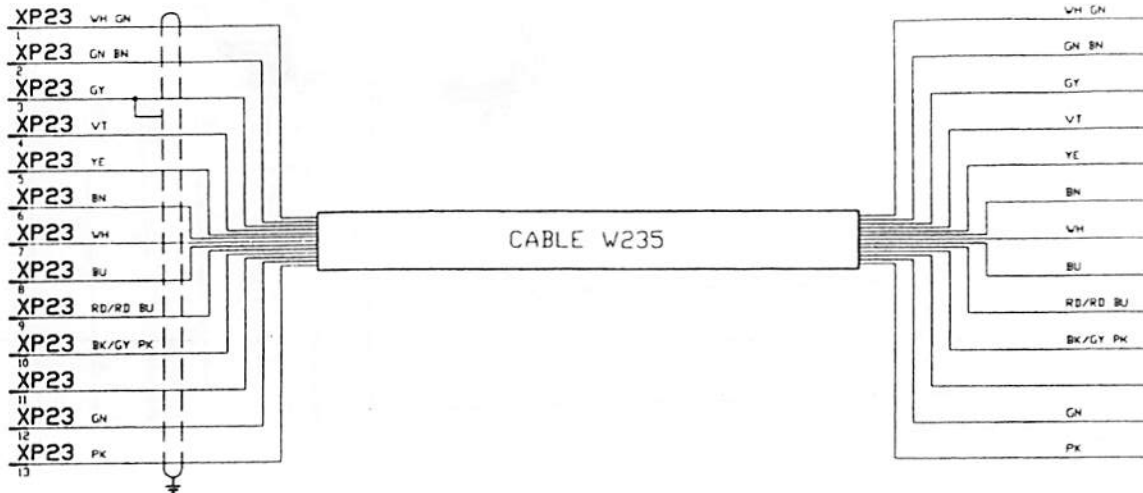
H1

Next: H2

A  
B  
C  
D  
E  
F  
G  
H



LA VUE DU CONNECTEUR EST DU COTE DE L'APLATISSEMENT DUR DE LA SOUDURE

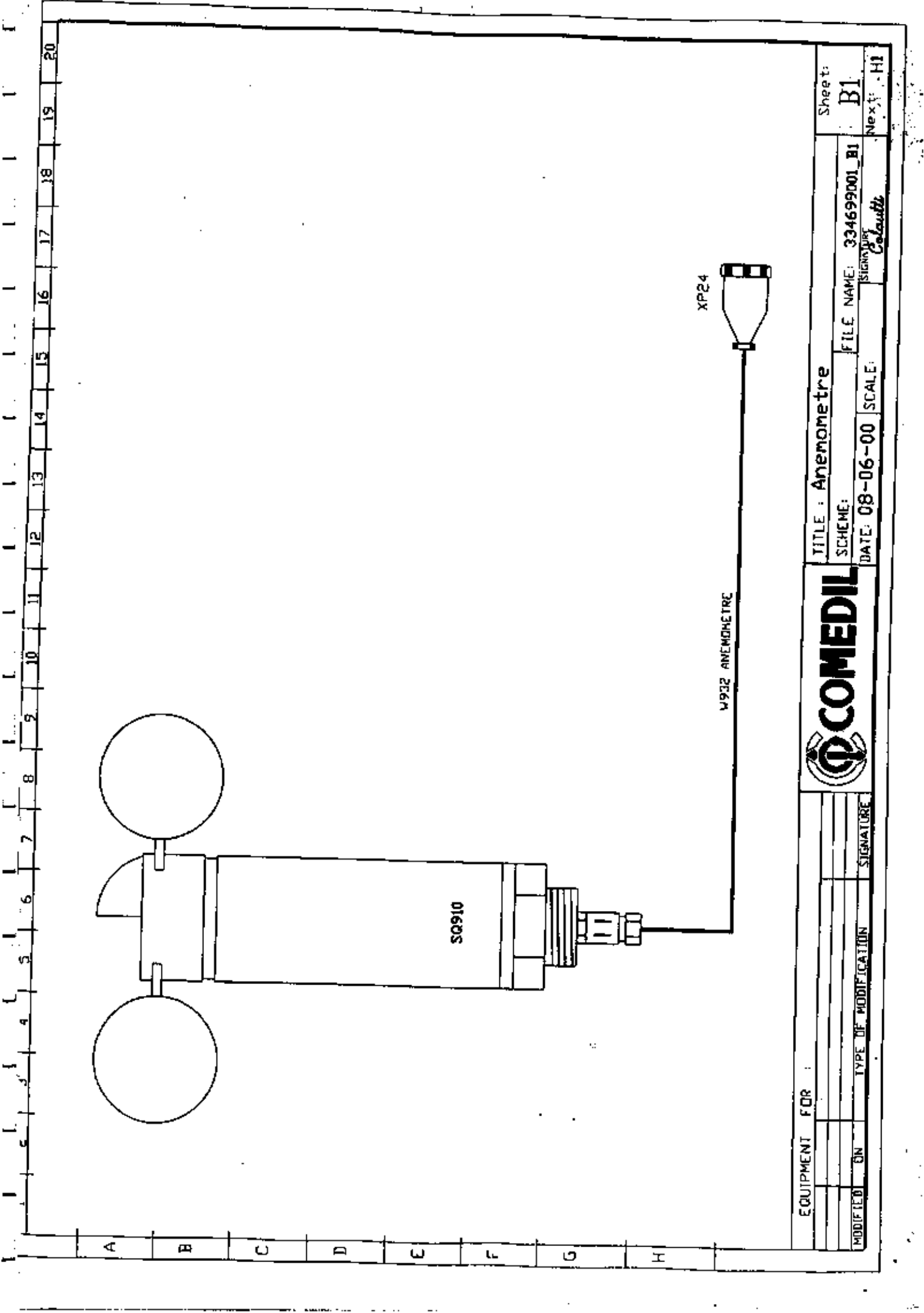


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MODIFIED	ON	TYPE OF MODIFICATION	SIGNATURE



TITLE : Cables de connexion  
 SCHEME:   
 FILE NAME: 334401002\_H2  
 DATE: 31-05-00 SCALE:   
 SIGNATURE: Colautti

Sheet: H2  
 Next: Z1



EQUIPMENT FOR		TITLE : Anemometre		Sheet:
MODIFIED	ON	SCHEME:	FILE NAME: 334699001_B1	B1
		DATE: 08-06-00	SCALE:	Next: HI
			SIGNATURE: <i>Colautti</i>	



5 4 3 2 1 10 11 12 13 14 15 16 17 18 19 20

A B C D E F G H

