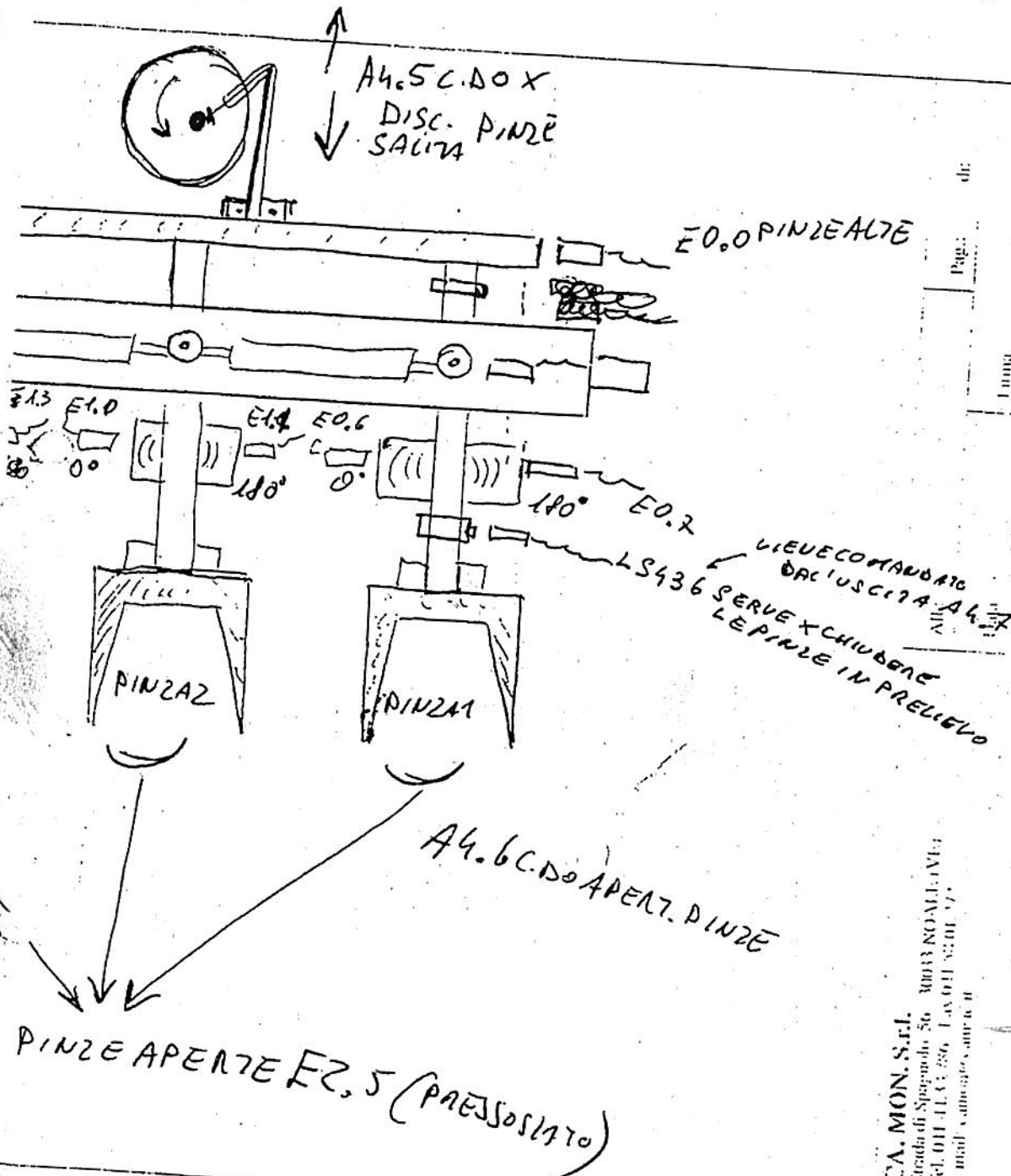
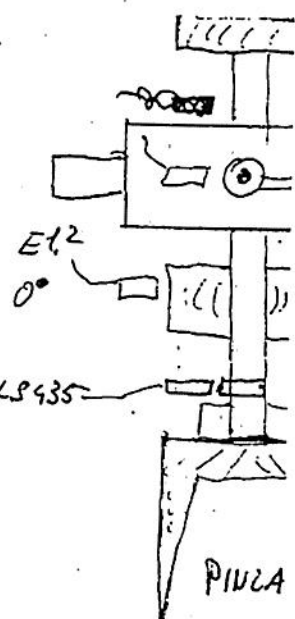


A



CA. MON. S.r.l.
Strada di Spagnolo 56 40033 NOALE (VI)
Tel. 0444 41.63.86 Fax 0444 32.01.97
E-mail: comunicazione@ca-mon.it

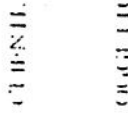
PINZE PRESA
PACCO



SEMPRE
APRIRE LE
PINZE NEL
DEPOSITO

PINZE

0 GRADI = PRELIEVO
180° GRADI = DEPOSITO



5

B

MOTONE TRASLATIONE
PINZE

TONE PINZE

S. GRUPPI

E8.6

1170

STAZIONE SCANTO 2

8.5

PI

170

STAZ. SCANTO 1

N

7

SW

12

12

12

12

12

12

12

12

12

12

12

12

12

12

12

12

12

12

12

12

12

12

12

12

12

12

12

12

12

12

12

12

1400W
0,75kW
220V
380V
2,2AMP

STOP TRASC. PINZE SU
STAZ. SCANTO U2

E34.3

RAIL. TRASL. PINZE
SU STAZ. SCANTO U2

E7.4

STOP TRASC. PINZE
SU STAZ. SCANTO U2

E34.1

RAIL. TRASL. PINZE
SU STAZ. SCANTO U2

E7.3

RAIL. TRASL. PINZE
SU STAZ. SCANTO U2

E7.3

RAIL. TRASL. PINZE
SU STAZ. SCANTO U2

E7.3

RAIL. TRASL. PINZE
SU STAZ. SCANTO U2

E7.3

RAIL. TRASL. PINZE
SU STAZ. SCANTO U2

E7.3

RAIL. TRASL. PINZE
SU STAZ. SCANTO U2

E7.3

RAIL. TRASL. PINZE
SU STAZ. SCANTO U2

E7.3

RAIL. TRASL. PINZE
SU STAZ. SCANTO U2

E7.3

RAIL. TRASL. PINZE
SU STAZ. SCANTO U2

E7.3

RAIL. TRASL. PINZE
SU STAZ. SCANTO U2

E7.3

RAIL. TRASL. PINZE
SU STAZ. SCANTO U2

E7.3

RAIL. TRASL. PINZE
SU STAZ. SCANTO U2

E7.3

RAIL. TRASL. PINZE
SU STAZ. SCANTO U2

E7.3

RAIL. TRASL. PINZE
SU STAZ. SCANTO U2

E7.3

RAIL. TRASL. PINZE
SU STAZ. SCANTO U2

E7.3

RAIL. TRASL. PINZE
SU STAZ. SCANTO U2

E7.3

RAIL. TRASL. PINZE
SU STAZ. SCANTO U2

E7.3

RAIL. TRASL. PINZE
SU STAZ. SCANTO U2

E7.3

RAIL. TRASL. PINZE
SU STAZ. SCANTO U2

E7.3

RAIL. TRASL. PINZE
SU STAZ. SCANTO U2

E7.3

RAIL. TRASL. PINZE
SU STAZ. SCANTO U2

E7.3

RAIL. TRASL. PINZE
SU STAZ. SCANTO U2

E7.3

RAIL. TRASL. PINZE
SU STAZ. SCANTO U2

E7.3

RAIL. TRASL. PINZE
SU STAZ. SCANTO U2

E7.3

RAIL. TRASL. PINZE
SU STAZ. SCANTO U2

E7.3

RAIL. TRASL. PINZE
SU STAZ. SCANTO U2

E7.3

RAIL. TRASL. PINZE
SU STAZ. SCANTO U2

E7.3

RAIL. TRASL. PINZE
SU STAZ. SCANTO U2

E7.3

RAIL. TRASL. PINZE
SU STAZ. SCANTO U2

E7.3

RAIL. TRASL. PINZE
SU STAZ. SCANTO U2

E7.3

RAIL. TRASL. PINZE
SU STAZ. SCANTO U2

E7.3

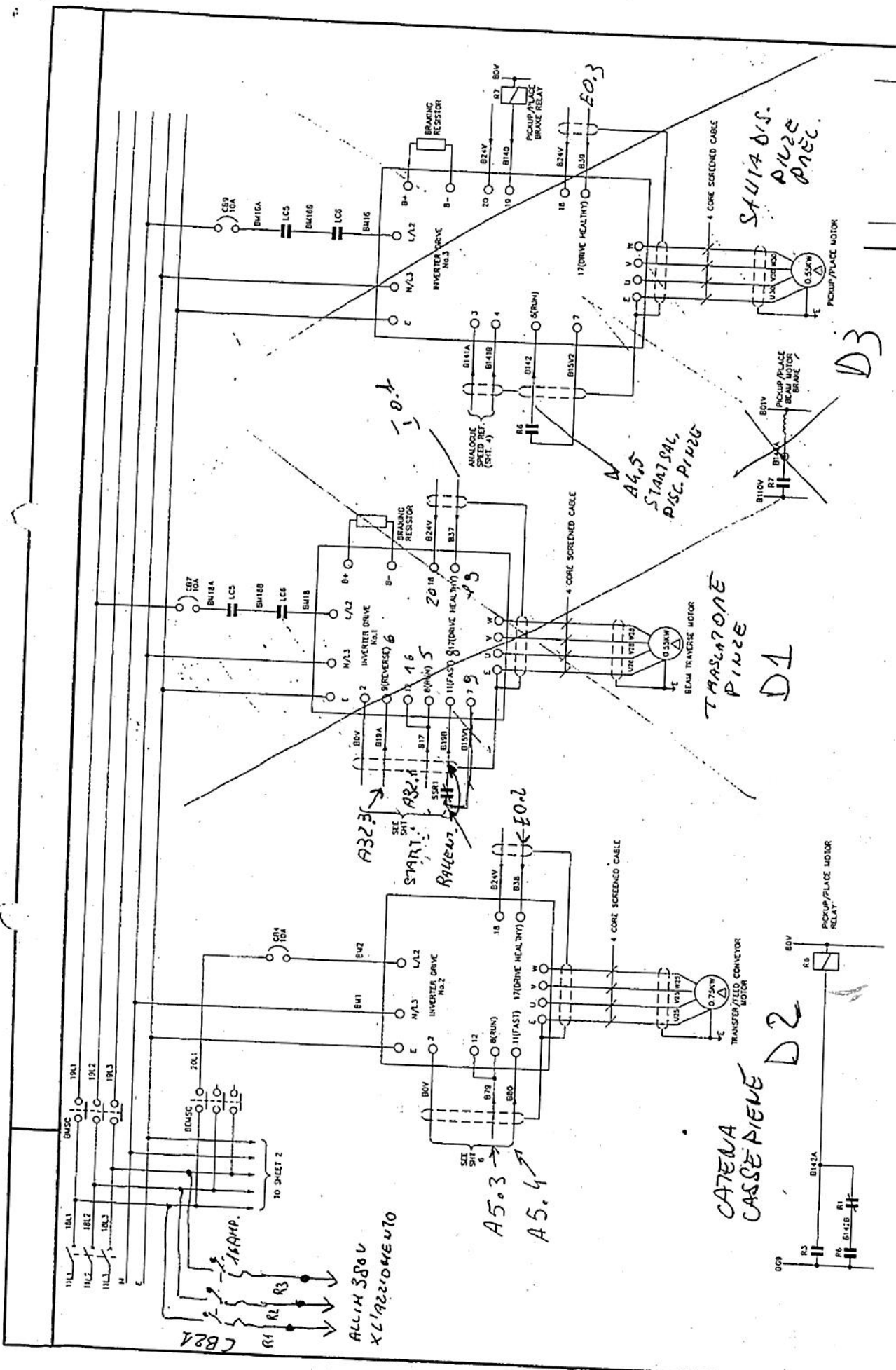
RAIL. TRASL. PINZE
SU STAZ. SCANTO U2

E7.3

MANIPULATOR

BUFFER

Param N°	FUNCTION	AU8		
		Support Table Motor	Jigbox Open Motor	Box Turntable Motor
P002	RAMP UP TIME	0.5	0.6	0.8
P003	RAMP DOWN TIME	0.4	0.4	1.0
P004	SMOOTHING	0.0	0.0	0.3
P006	FREQUENCY SETPOINT SELECTION	2	2	2
P007	ENABLE/DISABLE FRONT PANEL	0	0	0
P009	KEY PARAMETER	3	3	3
P012	MINIMUM MOTOR FREQUENCY	0.0	0.0	0.0
P013	MAXIMUM MOTOR FREQUENCY	50.0	140.0	50.0
P015	AUTOMATIC RE-START	1	1	1
P022	MAXIMUM ANALOGUE FREQUENCY	50.0	50.0	50.0
P041	1st FIXED FREQUENCY	10.0	10.0	2.0
P042	2nd FIXED FREQUENCY	40.0	90.0	10.5
P043	3rd FIXED FREQUENCY	20.0	10.0	20.0
P052	DIGITAL INPUT 2 (TERMINAL 9)	3	3	3
P056	DIGITAL INPUT DEBOUNCE TIME	2	2	2
P061	SELECTION RELAY OUTPUT RL1	6	6	6
P062	SELECTION RELAY OUTPUT RL2	4	8	8
P063	EXTERNAL BRAKE RELEASE DELAY	0.3	1.0	1.0
P064	EXTERNAL BRAKE STOPPING TIME	0.3	1.0	1.0
P072	SLIP LIMIT	250	400	250
P075	BRAKING RESISTANCE	0	0	0
P076	PULSE FREQUENCY	6	6	0
P082	MOTOR NOMINAL SPEED	1400	1400	1400
P083	MOTOR NOMINAL CURRENT	2.4	1.4	3.0
P084	MOTOR NOMINAL VOLTAGE	230	230	220
P085	MOTOR NOMINAL POWER	0.37	0.25	0.55
P089	STATOR RESISTANCE	16.0	18.98	12.0



DRAWING FILE: 01/04/04 GWS/C11C/CBS/13072318
 PLOT DATE: 13/07/07

REV	DATE	BY	CHKD	APP'D	REVISION
1	13/07/07	CES			
2	13/07/07	CES			
3	13/07/07	CES			
4	13/07/07	CES			
5	13/07/07	CES			
6	13/07/07	CES			
7	13/07/07	CES			
8	13/07/07	CES			
9	13/07/07	CES			
10	13/07/07	CES			

TITLE
 CBS WIRING DIAG.
 SIEMENS PLC
 CBS DRIVES

TBS ENGINEERING LTD
 LONGHALL INDUSTRIAL HARDWARE
 GUSI STY, ENGLAND





444

"24VDC
X 172A1720W"

DRAWING FILE : D:\ACAD\DWG\TLC\CB5\03072320
PLOT DATE : 25/04/97

TITLE	CBS WIRING DIAG. SIEMENS PLC POWER SUPPLIES
-------	---

DRG No R30722/20

TBS ENGINEERING LTD
LONGHILL, ELMSTONE HARBOUR
GL51 9TY, ENGLAND



B24V

B0V

GRIPPERS UP

BEAM MOTOR
DRIVE HEALTHY

TRANSFER MOTOR
DRIVE HEALTHY

PICKUP/PLACE MOTOR
DRIVE HEALTHY

GRIPPERS
EXTENDED

GRIPPERS
RETRACTED

GRIPPER 1
DEROTATED

GRIPPER 1
ROTATED

GRIPPER 2
DEROTATED

GRIPPER 2
ROTATED

GRIPPER 3
DEROTATED

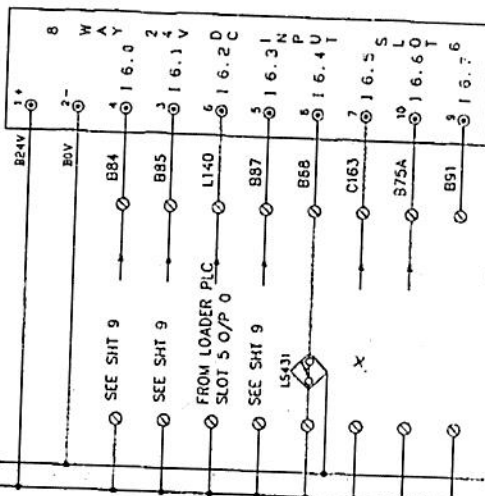
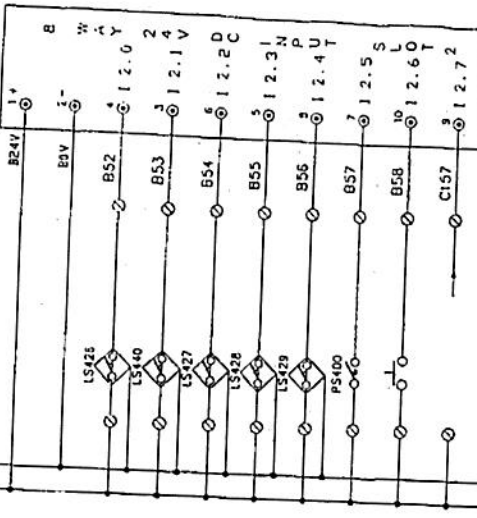
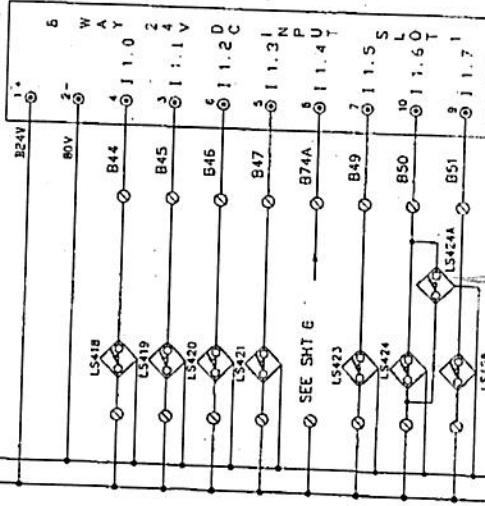
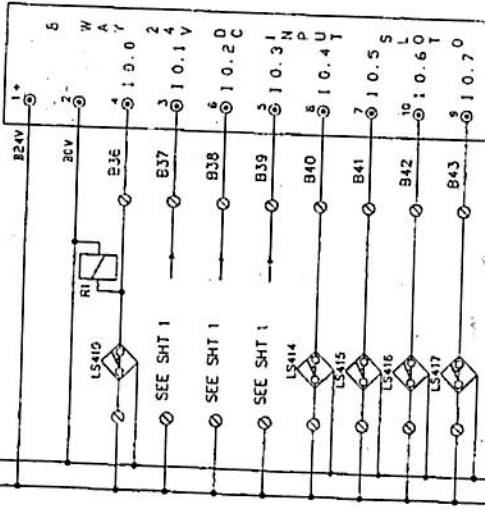
GRIPPER 3
ROTATED

GRIPPERS OPEN

CASSETTE AT BLADE
STOP 1

CASSETTE ON FEED
CONVEYOR

CASSETTE AT BLADE
STOP 2



Pressostato
PINZE CHIOSE

START TRANSFER
CONVEYOR SEQUENCE
(MANUAL LOAD #1)
GRIPPERS 4,5,6
ROTATION BIT

GROUP TRANSFER SYSTEM
SLOW AT CASSETTE

GROUP TRANSFER SYSTEM
AT ENVELOPER #1

START CONVEYORS
(FROM LOADER)

GROUP TRANSFER SYSTEM
AT ENVELOPER #2

GROUPS IN CASSETTE
(MANUAL LOAD #1)

3 GROUP SELECTED

GRIPPERS CLOSE

SPACE (TS3)

Drawing File: D:\ACAD\DWG\ALLEN\55\B3072322

TITLE
CBS WIRING DIAG
SIEMENS PLC
CBS INPUTS

DATE	REVISION
14-08-97	1
14-08-97	2
14-08-97	3
14-08-97	4
14-08-97	5
14-08-97	6
14-08-97	7
14-08-97	8
14-08-97	9
14-08-97	10
14-08-97	11
14-08-97	12
14-08-97	13
14-08-97	14
14-08-97	15
14-08-97	16
14-08-97	17
14-08-97	18
14-08-97	19
14-08-97	20
14-08-97	21
14-08-97	22
14-08-97	23
14-08-97	24
14-08-97	25
14-08-97	26
14-08-97	27
14-08-97	28
14-08-97	29
14-08-97	30
14-08-97	31
14-08-97	32
14-08-97	33
14-08-97	34
14-08-97	35
14-08-97	36
14-08-97	37
14-08-97	38
14-08-97	39
14-08-97	40
14-08-97	41
14-08-97	42
14-08-97	43
14-08-97	44
14-08-97	45
14-08-97	46
14-08-97	47
14-08-97	48
14-08-97	49
14-08-97	50
14-08-97	51
14-08-97	52
14-08-97	53
14-08-97	54
14-08-97	55
14-08-97	56
14-08-97	57
14-08-97	58
14-08-97	59
14-08-97	60
14-08-97	61
14-08-97	62
14-08-97	63
14-08-97	64
14-08-97	65
14-08-97	66
14-08-97	67
14-08-97	68
14-08-97	69
14-08-97	70
14-08-97	71
14-08-97	72
14-08-97	73
14-08-97	74
14-08-97	75
14-08-97	76
14-08-97	77
14-08-97	78
14-08-97	79
14-08-97	80
14-08-97	81
14-08-97	82
14-08-97	83
14-08-97	84
14-08-97	85
14-08-97	86
14-08-97	87
14-08-97	88
14-08-97	89
14-08-97	90
14-08-97	91
14-08-97	92
14-08-97	93
14-08-97	94
14-08-97	95
14-08-97	96
14-08-97	97
14-08-97	98
14-08-97	99
14-08-97	100

DRG No B30723/22

SEE ENGINEERING LTD
LOW-VOLTAGE ELECTRIC MACHINERY
CLASS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100



624V

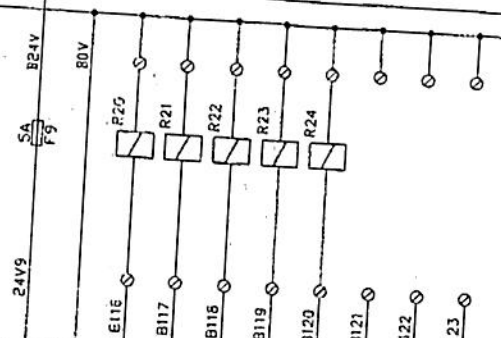
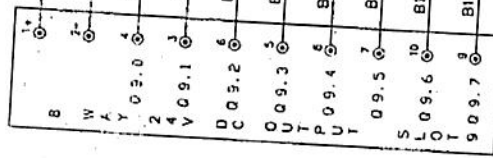
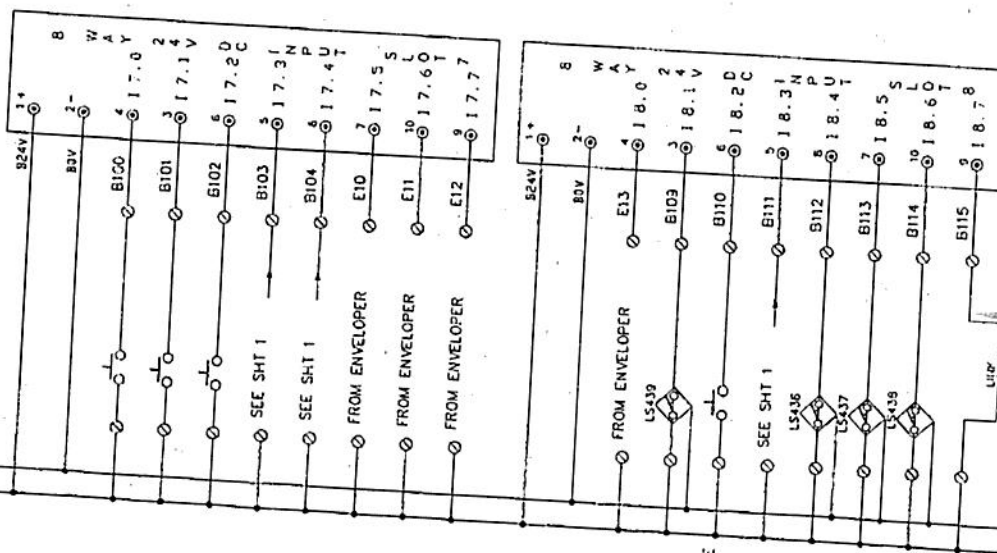
80V

PICKUP GROUPS FROM
REJECT POCKET 1PICKUP GROUPS FROM
REJECT POCKET 2

REJECT GROUPS

GTU SLOW AT
REJECT POCKET 1GTU SLOW AT
REJECT POCKET 2OK FOR PICKUP
(ENVELOPER)SPARE
(ENVELOPER)GROUPS REJECT
(ENVELOPER)CONVEYOR IN POSITION
(ENVELOPER)CASSETTE CLOSED
(MANUAL LOAD #2)START CONVEYOR SEQUENCE
(MANUAL LOAD #2)

LIGHTGUARD

CASSETTE AT MANUAL
LOAD STATION #2GROUPS IN
REJECT POCKET #1GROUPS IN
REJECT POCKET #2ENVELOPER INTERFACE
(SYSTEM 2)

GTU CASSETTE SLOWDOWN
ENABLE RELAY
GTU ENVELOPER SLOWDOWN #1
ENABLE RELAY
GTU ENVELOPER SLOWDOWN #2
ENABLE RELAY
GTU REJECT STN #1 SLOWDOWN
ENABLE RELAY
GTU REJECT STN #2 SLOWDOWN
ENABLE RELAY
SPARE
SPARE
SPARE



TBS ENGINEERING LTD
LOUGHBALL, ELMSHORE
GL51 5TY, ENGLAND

DRAWING FILE : D:\MAGN\DWG\ELC\CBS\B3072324
PLOT DATE : 25/08/93

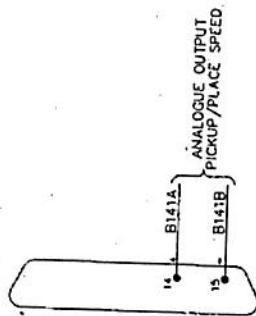
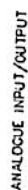
TITLE
CBS WIRING DIAG.
SIEMENS PLC
INPUTS/OUTPUTS

ISSUE	REVISION	DATE
01	01	25/08/93
02	02	25/08/93
03	03	25/08/93
04	04	25/08/93
05	05	25/08/93
06	06	25/08/93
07	07	25/08/93
08	08	25/08/93
09	09	25/08/93
10	10	25/08/93
11	11	25/08/93
12	12	25/08/93
13	13	25/08/93
14	14	25/08/93
15	15	25/08/93
16	16	25/08/93
17	17	25/08/93
18	18	25/08/93
19	19	25/08/93
20	20	25/08/93
21	21	25/08/93
22	22	25/08/93
23	23	25/08/93
24	24	25/08/93
25	25	25/08/93
26	26	25/08/93
27	27	25/08/93
28	28	25/08/93
29	29	25/08/93
30	30	25/08/93
31	31	25/08/93
32	32	25/08/93
33	33	25/08/93
34	34	25/08/93
35	35	25/08/93
36	36	25/08/93
37	37	25/08/93
38	38	25/08/93
39	39	25/08/93
40	40	25/08/93
41	41	25/08/93
42	42	25/08/93
43	43	25/08/93
44	44	25/08/93
45	45	25/08/93
46	46	25/08/93
47	47	25/08/93
48	48	25/08/93
49	49	25/08/93
50	50	25/08/93
51	51	25/08/93
52	52	25/08/93
53	53	25/08/93
54	54	25/08/93
55	55	25/08/93
56	56	25/08/93
57	57	25/08/93
58	58	25/08/93
59	59	25/08/93
60	60	25/08/93
61	61	25/08/93
62	62	25/08/93
63	63	25/08/93
64	64	25/08/93
65	65	25/08/93
66	66	25/08/93
67	67	25/08/93
68	68	25/08/93
69	69	25/08/93
70	70	25/08/93
71	71	25/08/93
72	72	25/08/93
73	73	25/08/93
74	74	25/08/93
75	75	25/08/93
76	76	25/08/93
77	77	25/08/93
78	78	25/08/93
79	79	25/08/93
80	80	25/08/93
81	81	25/08/93
82	82	25/08/93
83	83	25/08/93
84	84	25/08/93
85	85	25/08/93
86	86	25/08/93
87	87	25/08/93
88	88	25/08/93
89	89	25/08/93
90	90	25/08/93
91	91	25/08/93
92	92	25/08/93
93	93	25/08/93
94	94	25/08/93
95	95	25/08/93
96	96	25/08/93
97	97	25/08/93
98	98	25/08/93
99	99	25/08/93
100	100	25/08/93

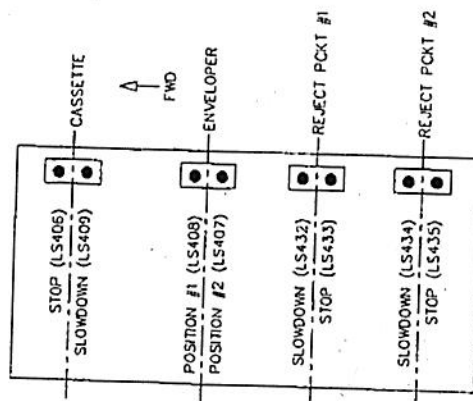
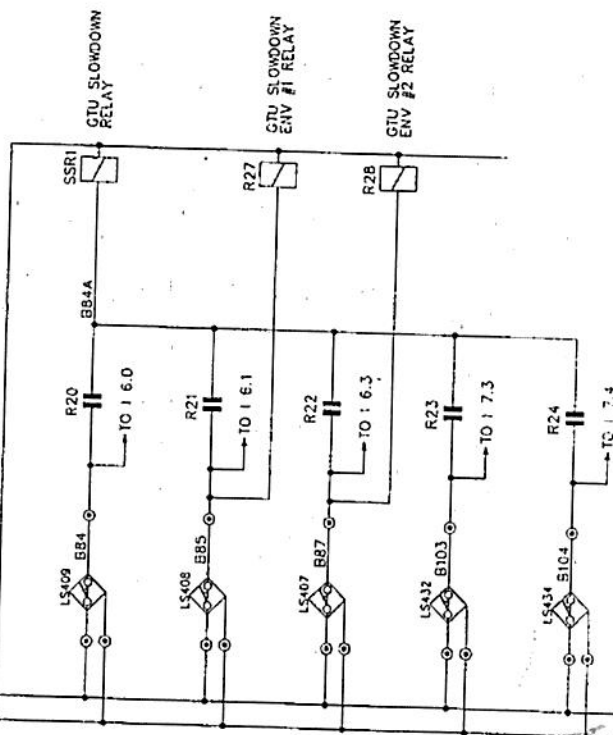
PAGE 2

DRG No B30723/24

BOV



15 WAY D CONNECTOR ON
SIEMENS 95UC CPU
ANALOGUE INPUT/OUTPUT PORT



14-0556
RACIEN DEPOSITS
GTU SLOWDOWN
AT CASSETTE

RAILWAY POSIZ.
FUEL, ETC.

799d
PPL.
2159d 50L5

PACKED. STABLE
SLOWDOWN
AT REJECT STN #1

RACER STAR 2
SAME
CTU SLOWDOWN
AT REJECT STN #2



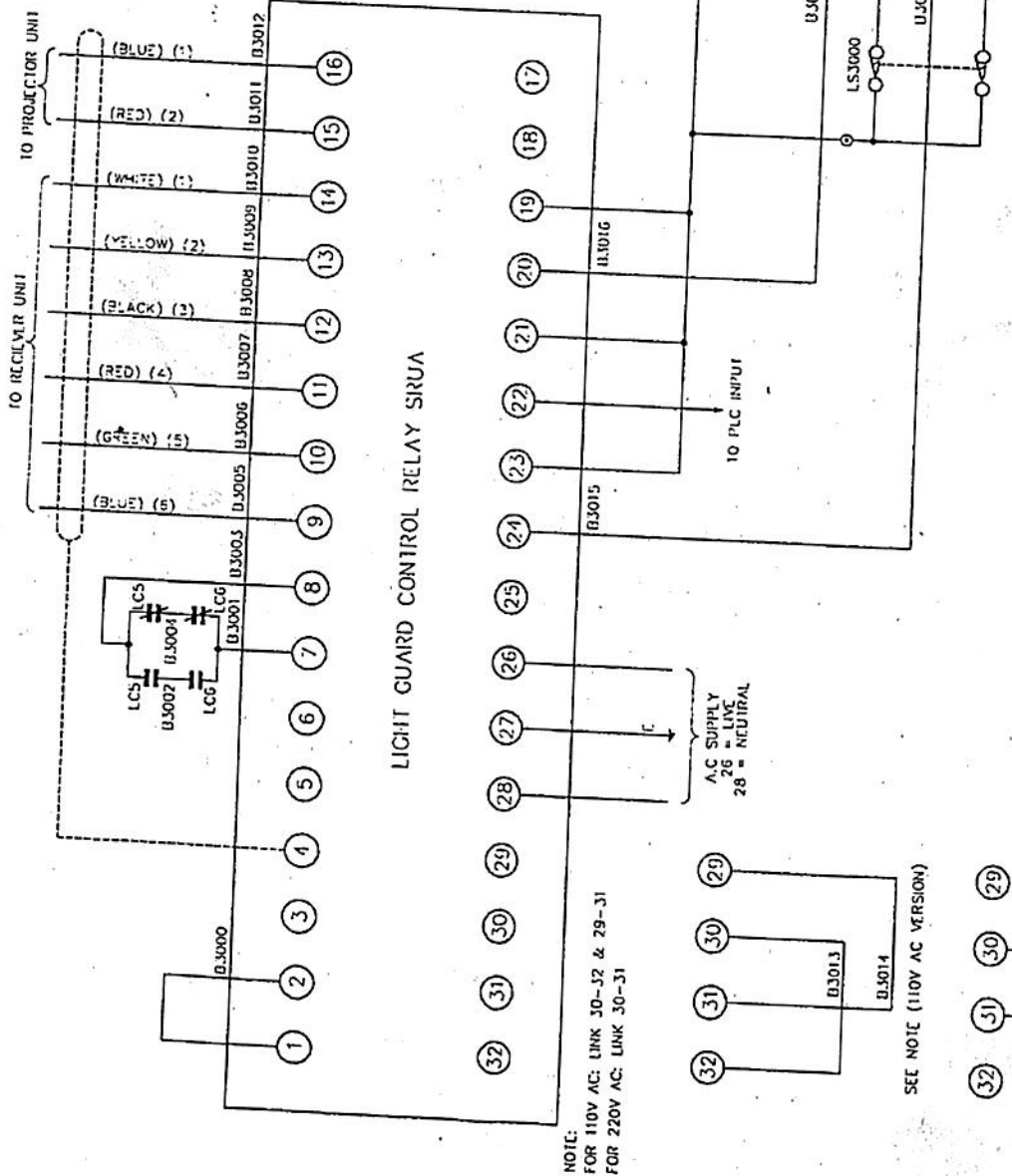
TGS ENGINEERING LTD
CUMILL CLUSTONE HARDWARE
G.51 STY. ENGLAND

DRAWING FILE : D:\ACAD\DWG\ELEC\CES\B3072375
PLOT DATE : 25/06/97

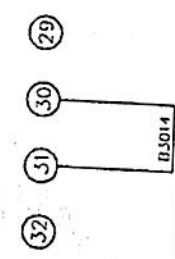
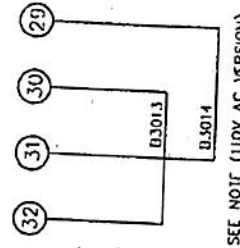
TITLE	DATE	BY	CHKD	APP'D	REVISION
CBS WIRING DIAG.					
SIEMENS PLC					
MISCL CONNECTIONS					

PAC.8

DRG No R30723/25



NOTE:
FOR 110V AC: LINK 30-32 & 29-31
FOR 220V AC: LINK 30-31



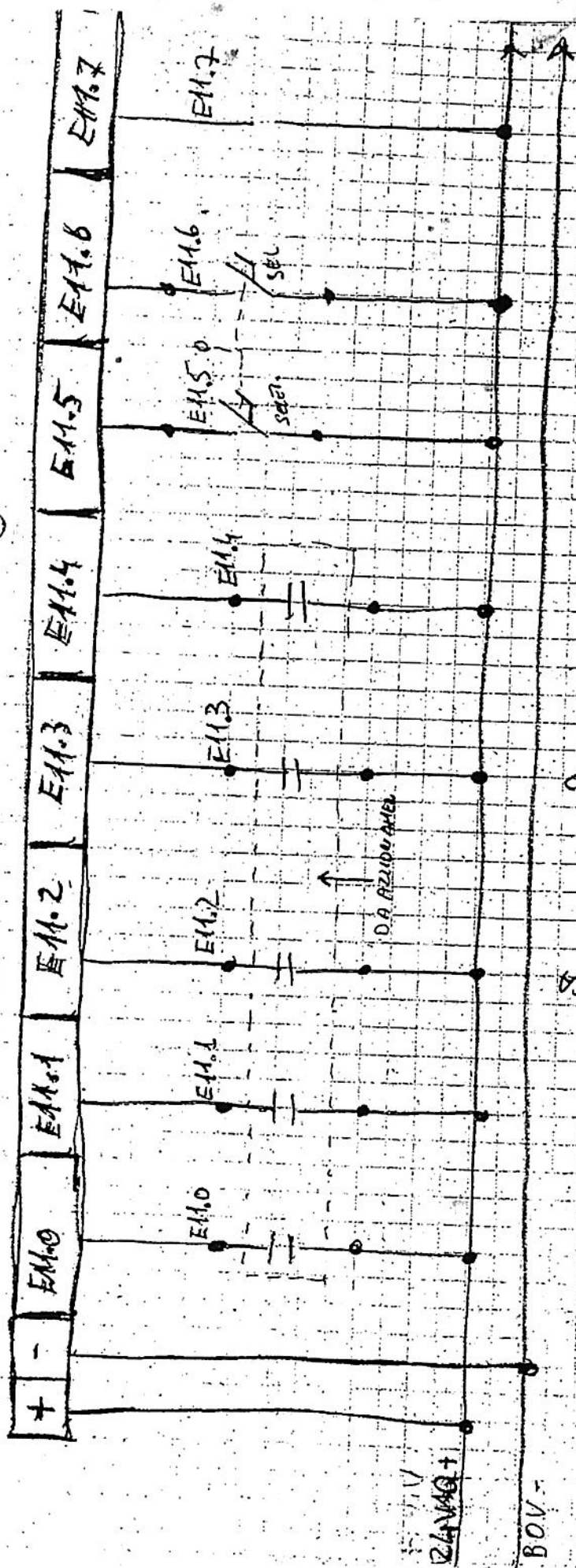
SEE NOTE (220V AC VERSION)

PAG 9

DATE	17/06/77
BY	17/06/77
CHKD	17/06/77
APPD	17/06/77
DESIGN	17/06/77
REVISION	17/06/77
PROJECT	17/06/77
DRG No	30723/26

DRAWING FILE : 5145001.DWG (C:\CS\B3072326)
PROJECT DATE : 17/06/77
TITLE
CBS WIRING DIAG.
SIEMENS PLC
GTU LIGHT GUARD

TBS
IDS ENGINEERING LTD
LONGHILL, ILLUSTERS HARTWICK
GL51 9TY, ENGLAND



AZZIONATA. OK

○ RAGGIUNTO AZZIONATA.

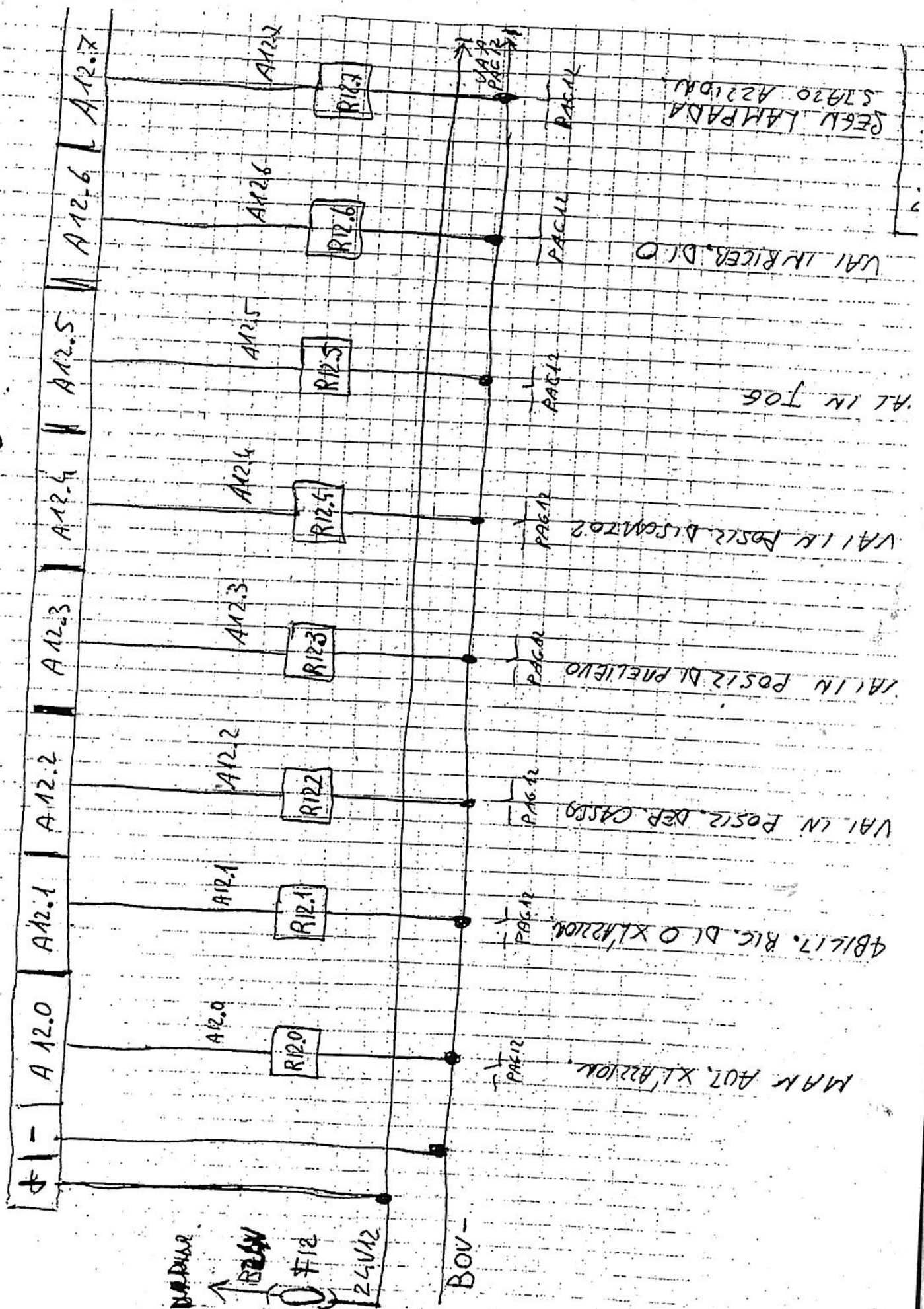
ARRIVATO NELLA POSIZ. DER. CASSA

ARRIVATO NELLA POSIZ. PRELIEVO

ARRIVATO NELLA POSIZ. SCALZO 2

○ D.S. DA SELEZ. X RILEVA DI
WATERA OMBRELLONE

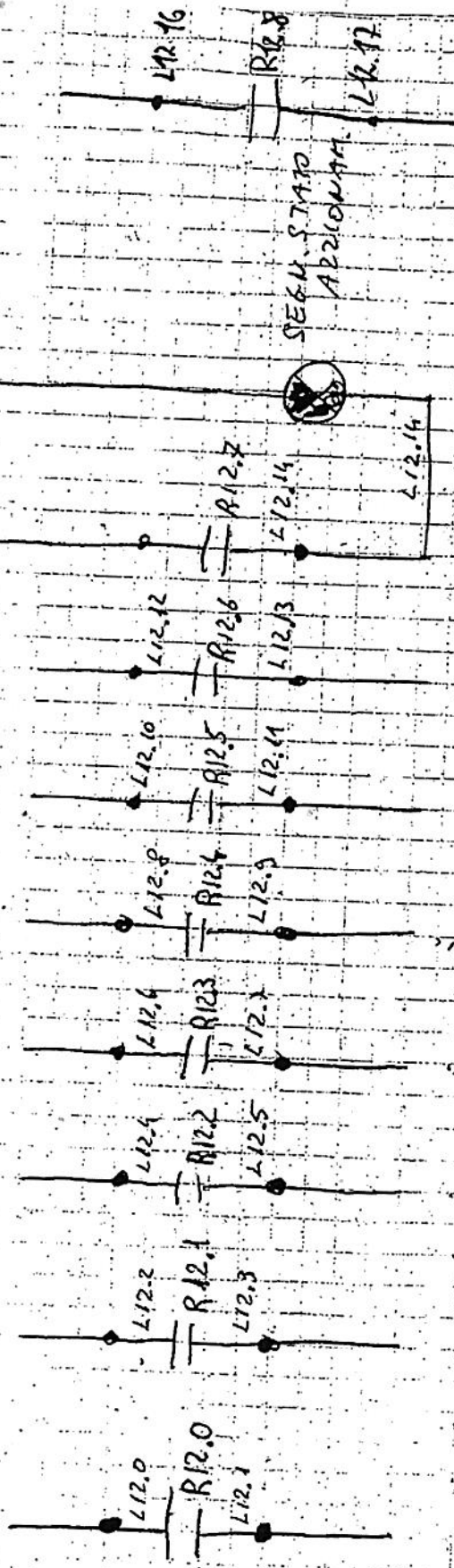
CONS. X JOG. D'ASSETTONE



DAPAC 4

BOV -

24 V 12 +



117A RICER. DIO X L'AZION.

117A RICER. DIO X L'AZION.

117A POSIZ. DEPCASSA X L'AZION.

3 IN POSIZ. DIFRETTIVO X L'AZION.

1 IN POSIZ. DISCARICO 2 X L'AZION.

117A JOG X L'AZION.

4 IN RILEVA DIO X L'AZION.

START X12 AZIONAMENTO

PAG 12