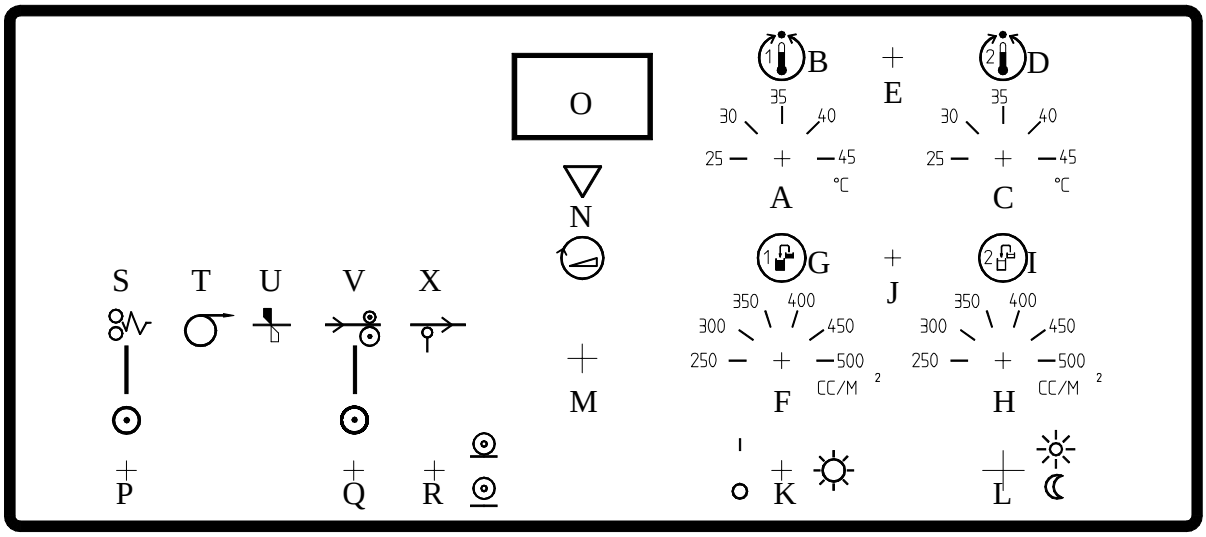
Important

Your On-Line Processor has a built in exhaust blower. Even if the main switch is switched off, the blower will still be on. This is to prevent chemical fumes in the conveyor/imagesetter. If a timer is connected in series with the main power cable, the machine has to be modified, so that the exhaust blower is always running.



A Temperature Adjustment Developer

B Heat ON Indicating Developer

C Temperature Adjustment Fixer

D Heat ON Indicator Fixer

E Temperature Readout DEV/FIX

F Volume On Developer Replenishment (Max. programme approx. 40cc).

G Developer replenish indication

H Volume On Fixer Replenishment (Max. programme approx. 40cc).

I Fixer replenish indication

J Manual replenish switch

K Display light ON/OFF

L Switch for Stand-By/Operate Select. When Stand-By is selected, Error (L) lights continuously.

M Developing Seconds Adjustment

N NO FEED Signal (Indicates when inserted film is free of inlet) Only used in OFF-LINE position !

O Display, shows development seconds and temperature

P Error Signal Reset Switch

Q Switch for Set Load Signal

R Switch for Off-Line/On-Line

S Error Signal (Lamp and intern Buzzer) (Flashing and buzzing when the film counter is on 0. Only flashing, when the level in the tank is too low; and only buzzing when there is no exhaust).

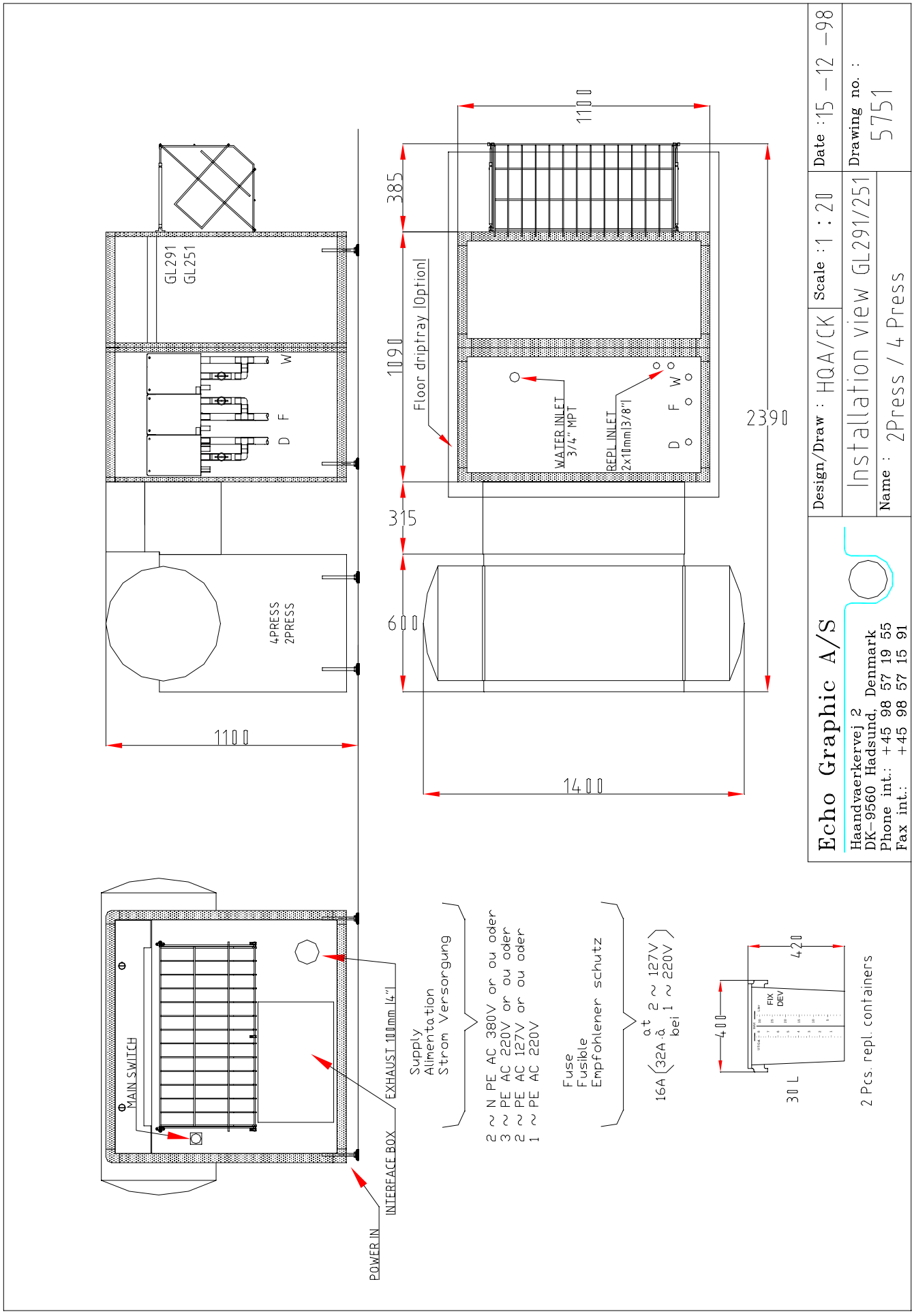
T Load Signal

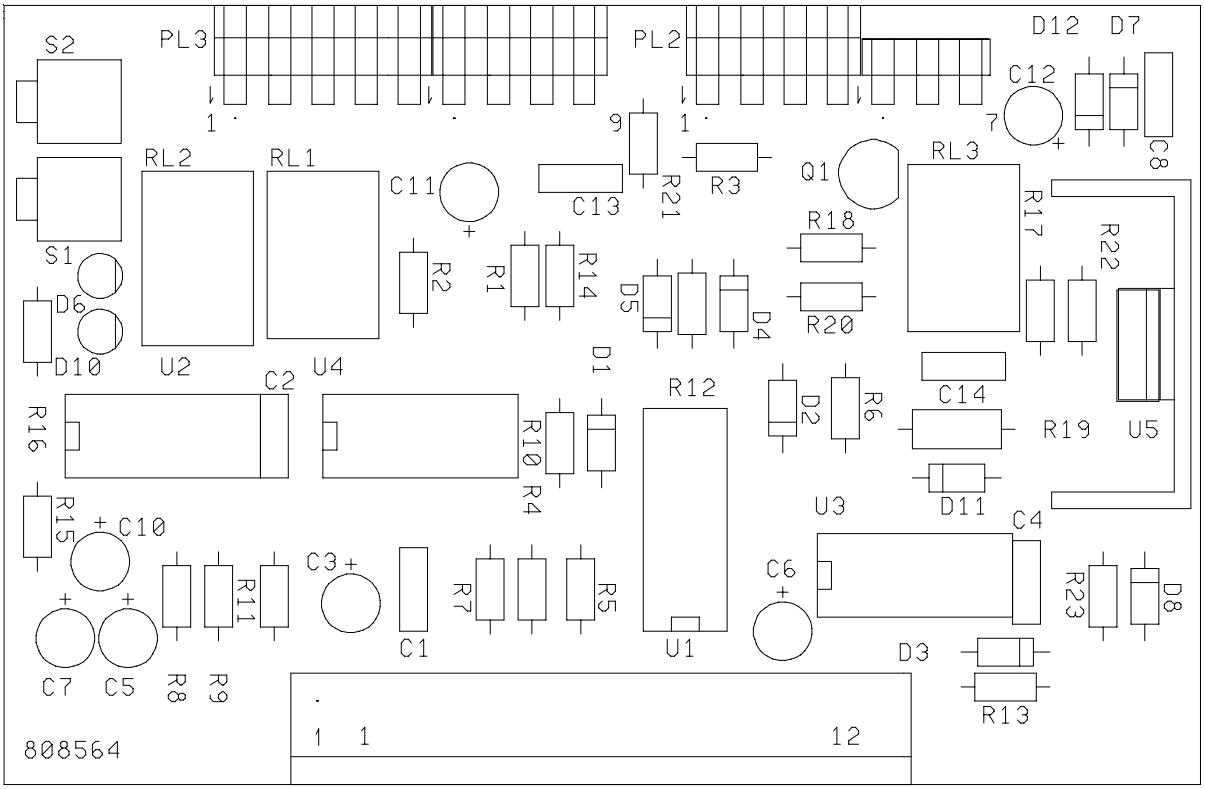
U Cut Signal

V Busy Signal

X Ready Signal

SECTION EIGHT: On-Line Description Dolev 4Press

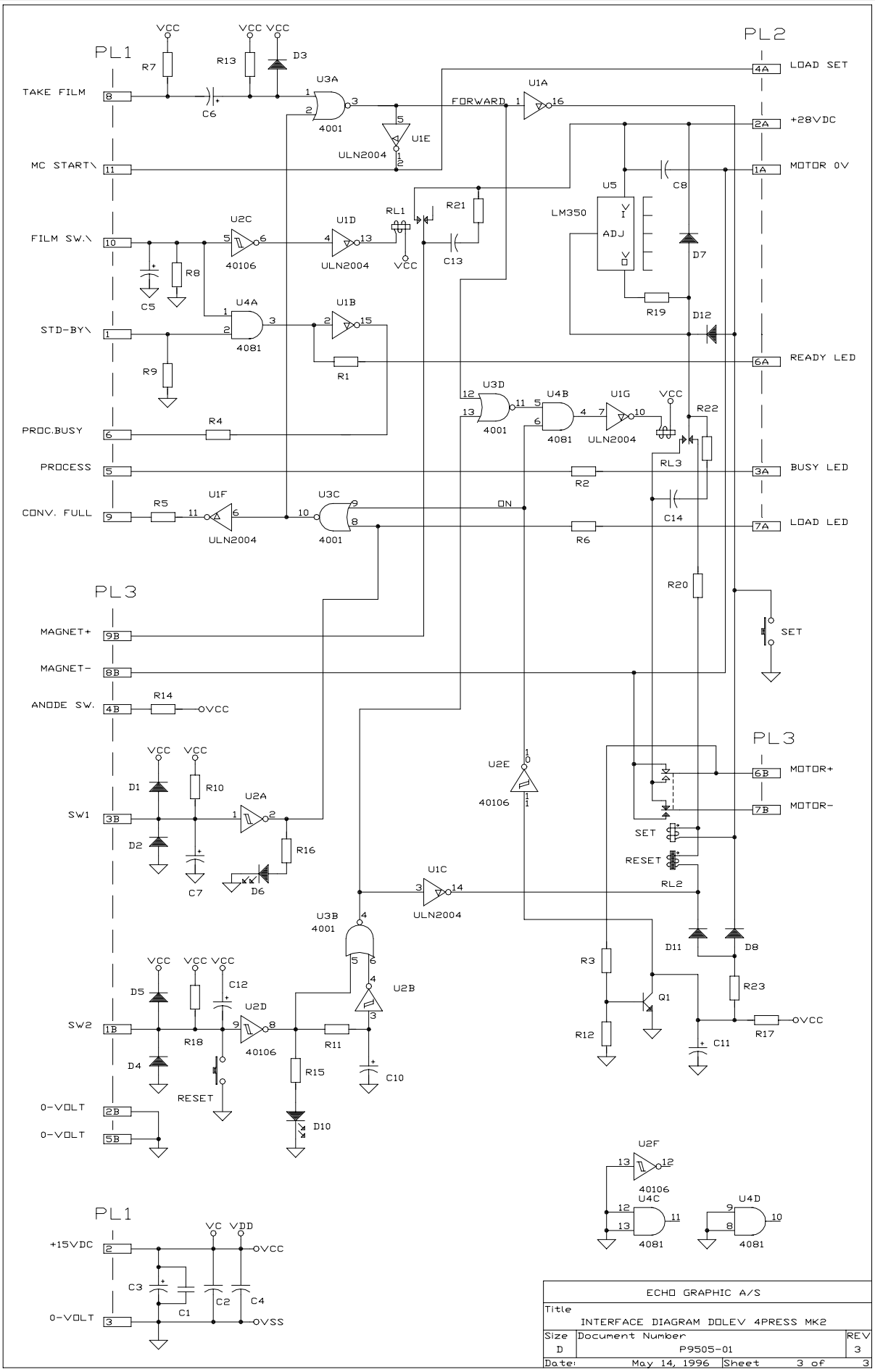

Design/Draw : HQA/CK
Scale : 1 : 20
Date : 15 -12 -98
Drawing no. : 5751
Installation view GL291/251
Name : 2Press / 4 Press
Echo Graphic A/S
Haandvaerkervej 2
DK-9560 Hadsund, Denmark
Phone int.: +45 98 57 19 55
Fax int.: +45 98 57 15 91
GL291
GL251
4PRESS
2PRESS
D F W
1100
385
1090
Floor driptray (Option)
315
600
1400
2390
WATER INLET 3/4" MPT
REPL INLET 2x10mm(3/8"(
MAIN SWITCH
EXHAUST 100mm (4")
INTERFACE BOX
POWER IN
Supply
Alimentation
Strom Versorgung
2 ~ N PE AC 380V or ou oder
3 ~ PE AC 220V or ou oder
2 ~ PE AC 127V or ou oder
1 ~ PE AC 220V
Fuse
Fusible
Empfohlener schutz
16A (32A.à 2 ~ 127V
bei 1 ~ 220V
420
400
FIX
DEV
30 L
2 Pcs. repl containers



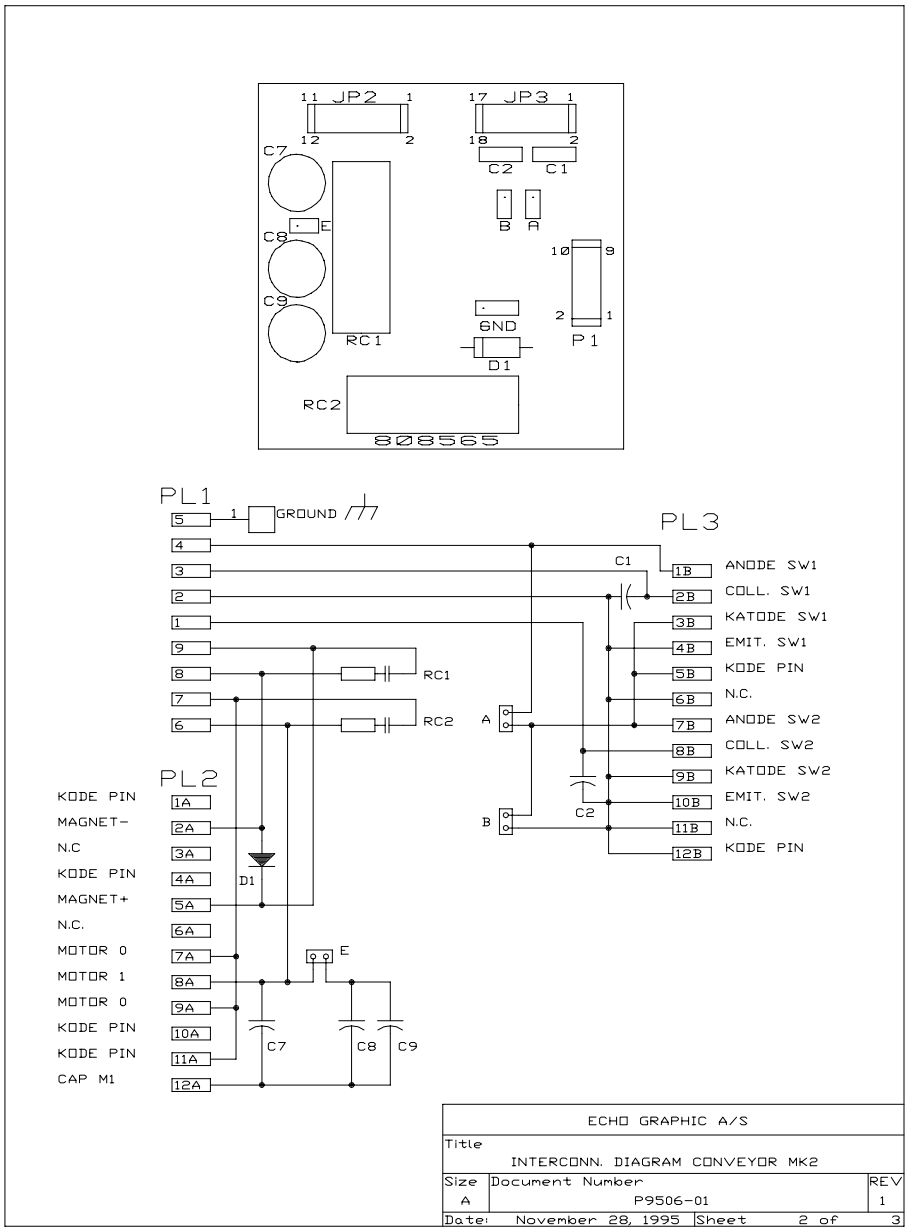
LED D6 and D10 indicates when the sensors in the conveyor is activated.

D6 Switch 1 first sensor
D10 Switch 2 last sensor
S2 starts the conveyor
S1 stops the conveyor, same as activating the reset switch on the conveyor

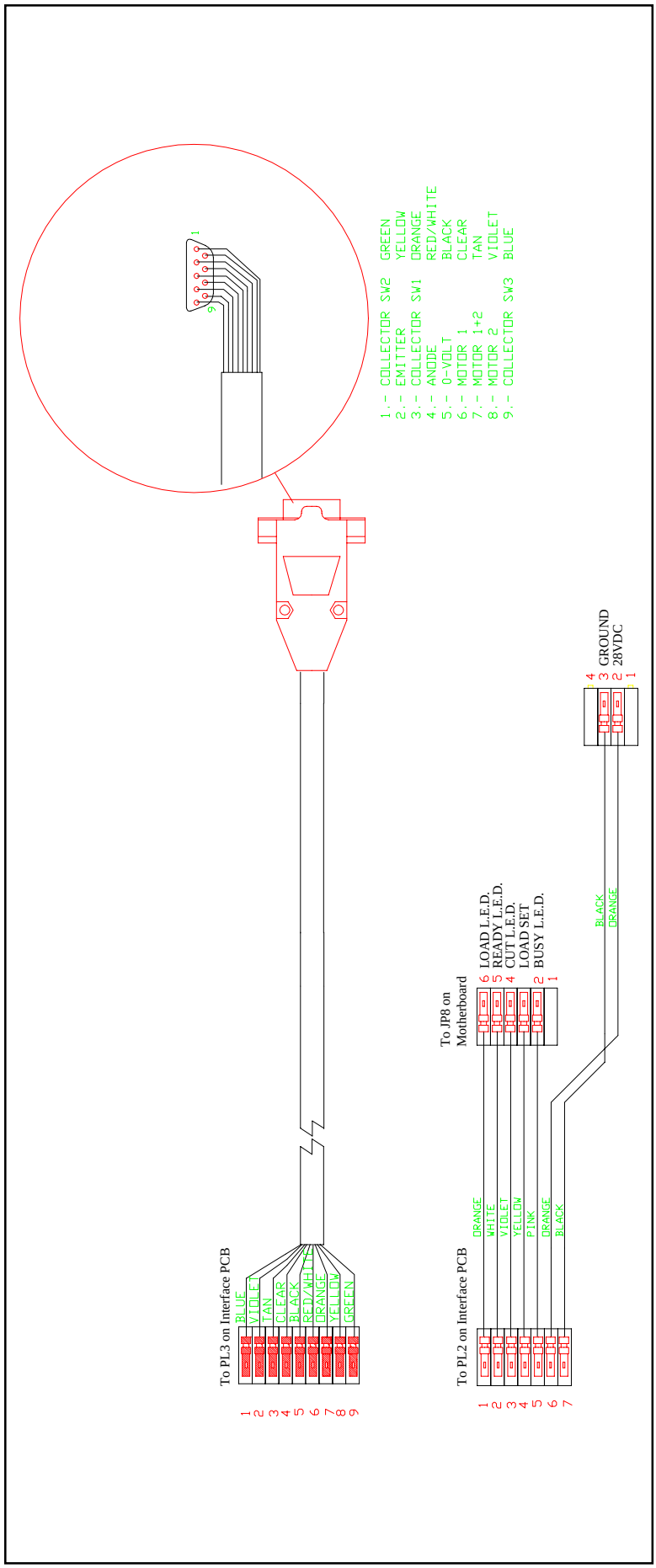
Interface PCB Location



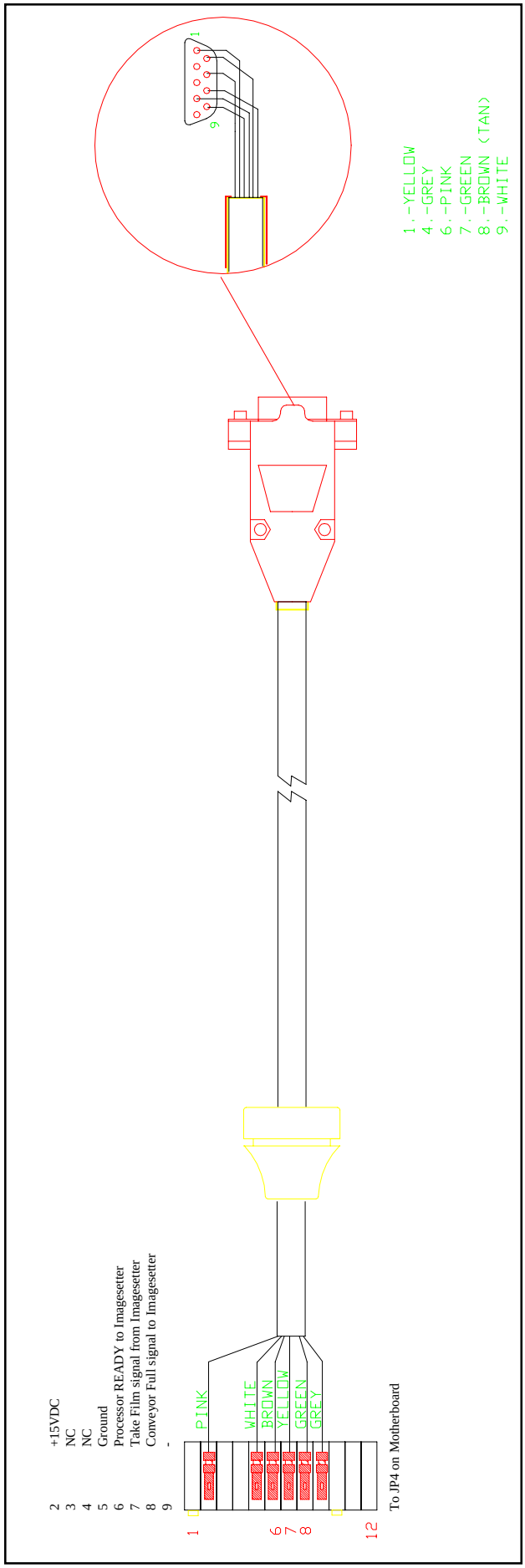
Interface PCB Diagram



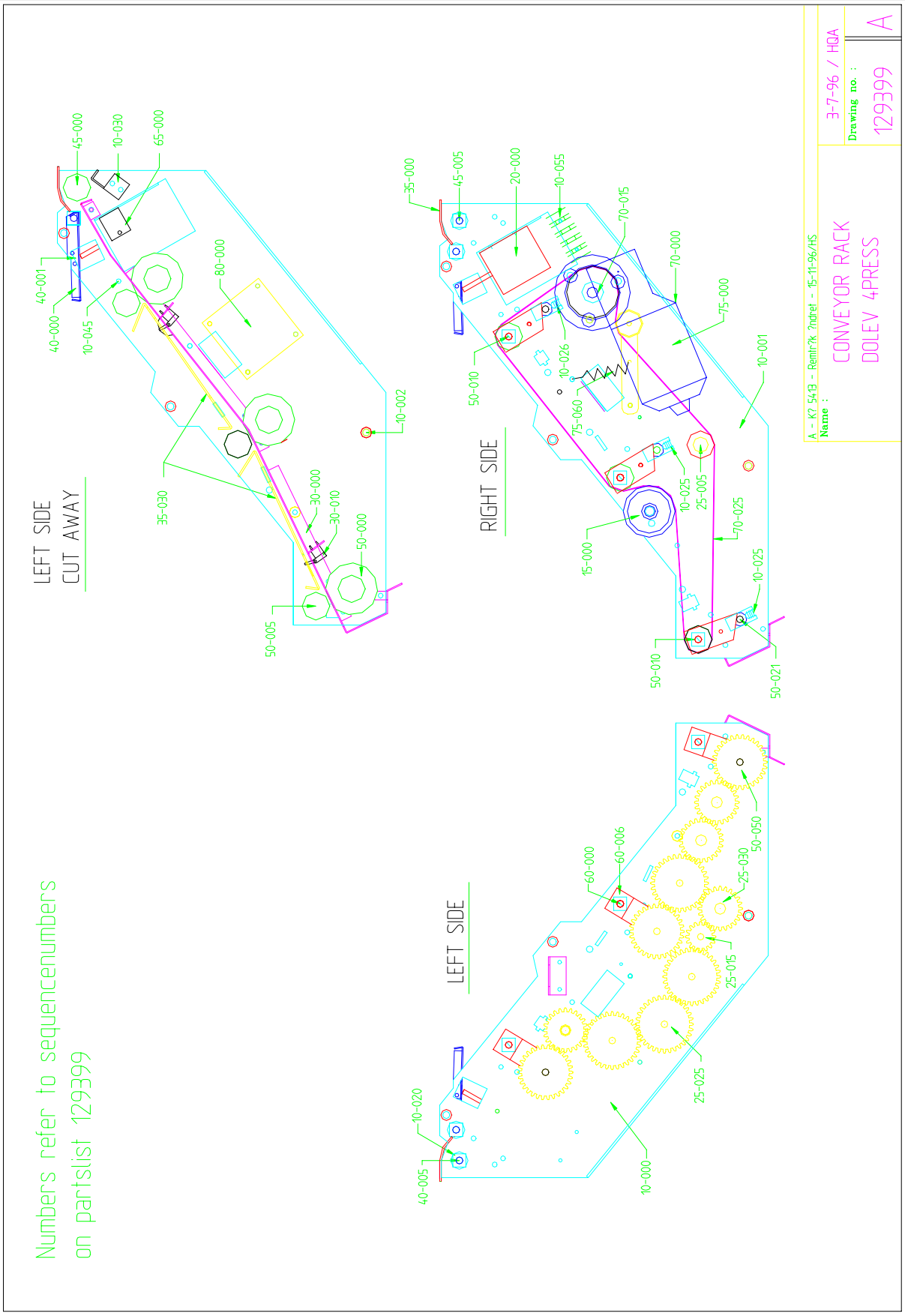
Interconnection Diagram Conveyor



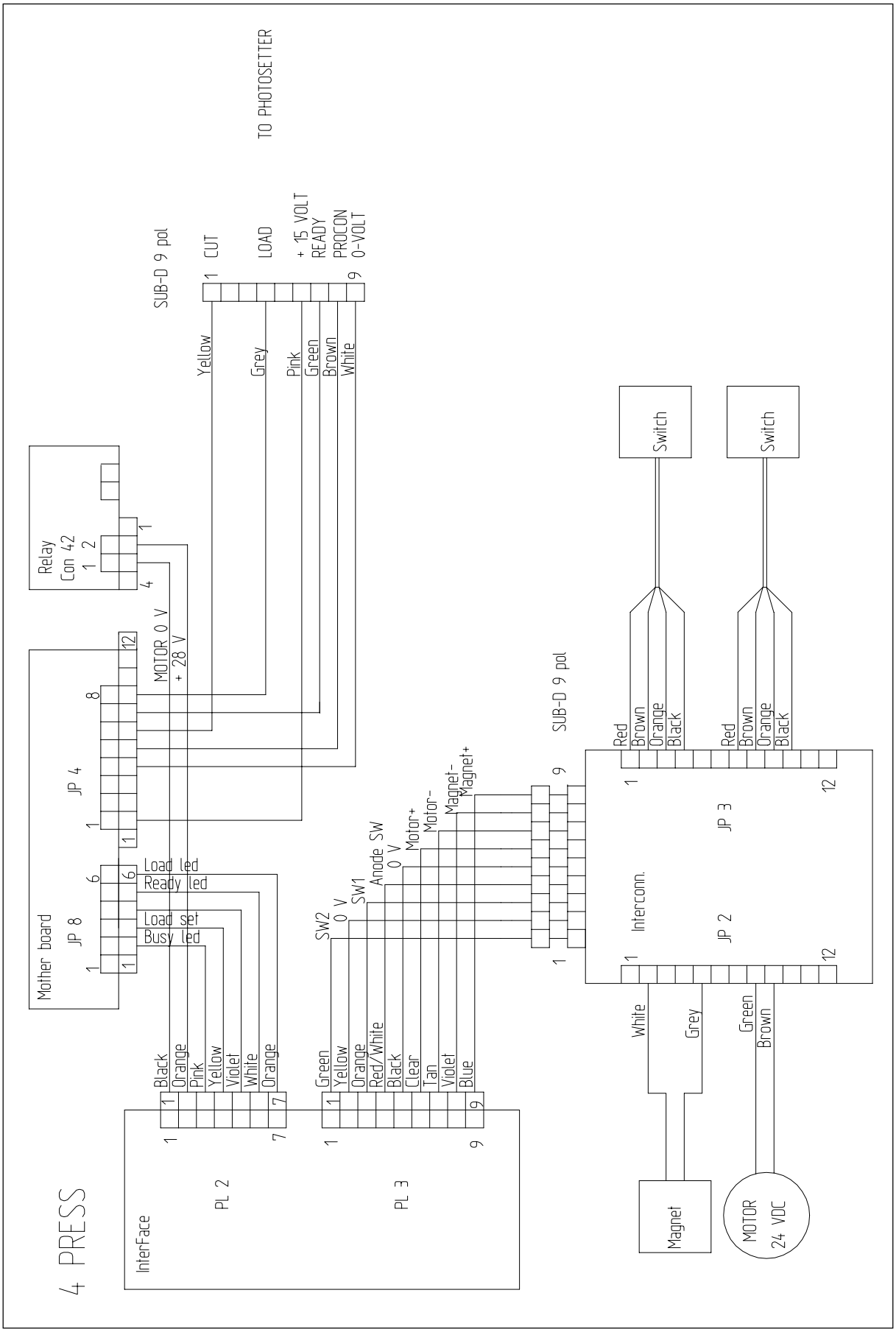
Cable Processor - Conveyor



Cable Processor - Plotter



Conveyor Drawing 129399



Connections between processor - conveyor - imagesetter

4press conveyor.
Led´s on the control panel of the processor.
The Ready signal will be ON if the conveyor is empty and the processor is ready.
The Busy signal will be ON if a film is beeing develloped.
The Load signal will be ON if there is a Film in the conveyor.
The No/feed signal will be ON if there is a film under the inletsensor of the processor.

Indications in " Detector status" on the controlpanel of the 4press.

Online processor connected	YES/NO
Conv full	YES/NO
Online processor Ready	YES/NO

Woorkflow.
The conveyor must be open. If not press the "Reset switch" located next to the connector.

The 4press plots the first job, when finished , film is feed out of the 4press and into the conveyor.
When the film activates the 1.conv switch.
The Load signal will go ON.
The Ready signal will go OFF.
The first job is not cut.

The 4press plots the second job, when finished the film is feed a little, so the seperation between the 2 jobs fits with the cutter.
The 4press will cut the first job, and send a "Take film signal" to the processor.
The conveyor will close and start transporting.
The first job will be transported trough the conveyor and into the processor.
When the Inlet sensors are activated.
The No/Feed signal will go ON, and the processor starts up.

Approx. 1 sec after the film has reached the inlet sensor, the bufferguide will be raised by the solenoid, to allow the film to buffer up. The bufferguide will stay raised until the film has passed the inletsensor, and entered the processor completly.

The conveyor will keep transporting until the film has passed the 2.conv.switch. and approx 3 sec later the conv will stop transporting and open again by reversing the drive motor.

The 4press will feed the second job into the conveyor, and start plotting the third job.
The second job is not cut.
When the first job has passed the inletsensors.
The Ready signal will go ON.
The 4press is not allowed to cut the second job until the Ready signal is ON indicating that the processor is ready for the next job.

When the 4press is finish plotting the third job the cycle will repeat it self until there is no more jobs to plot.
When there has been nothing to plot for 30 sec. the 4preee will advance the film forward and cut the last job.