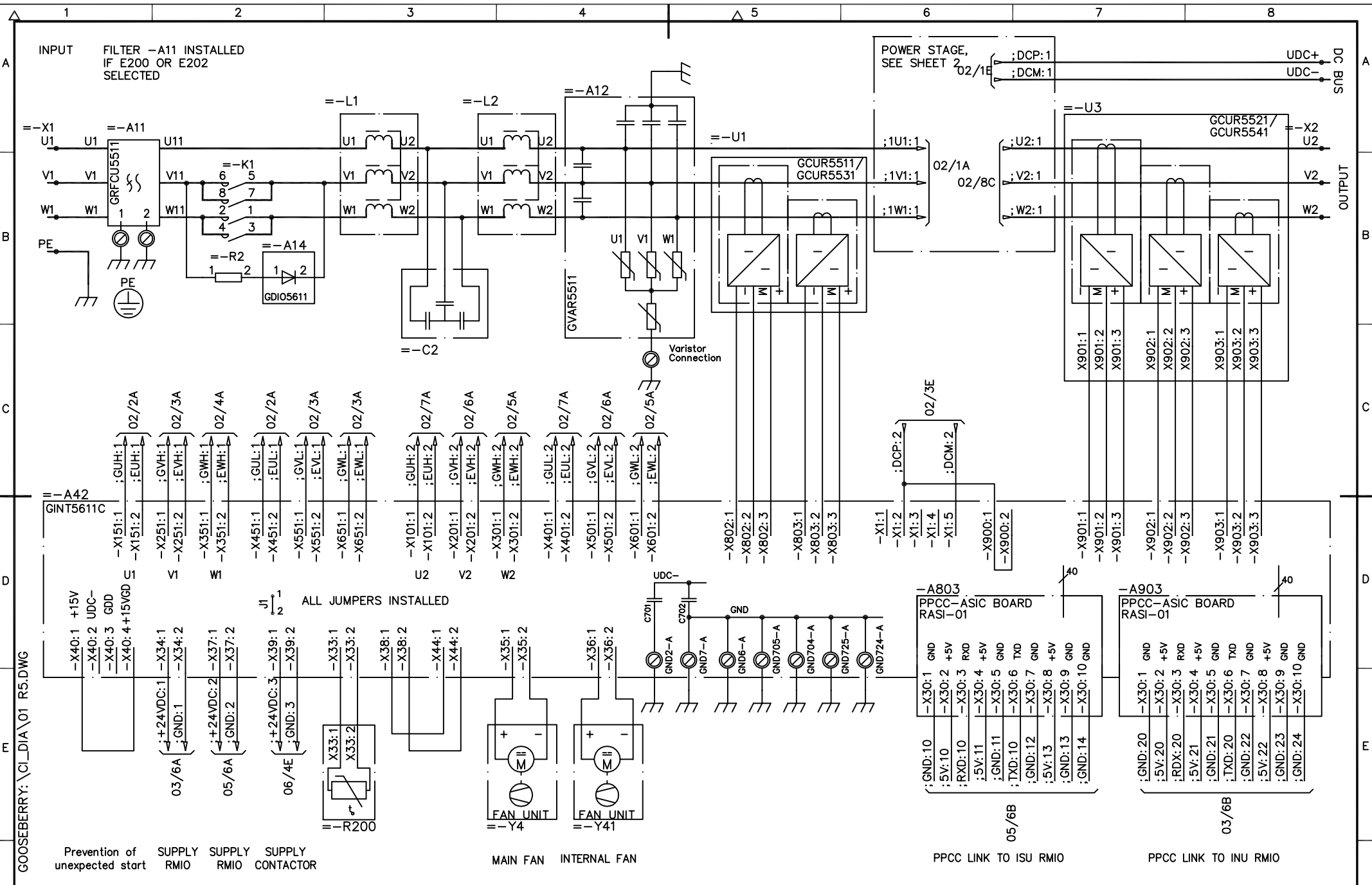
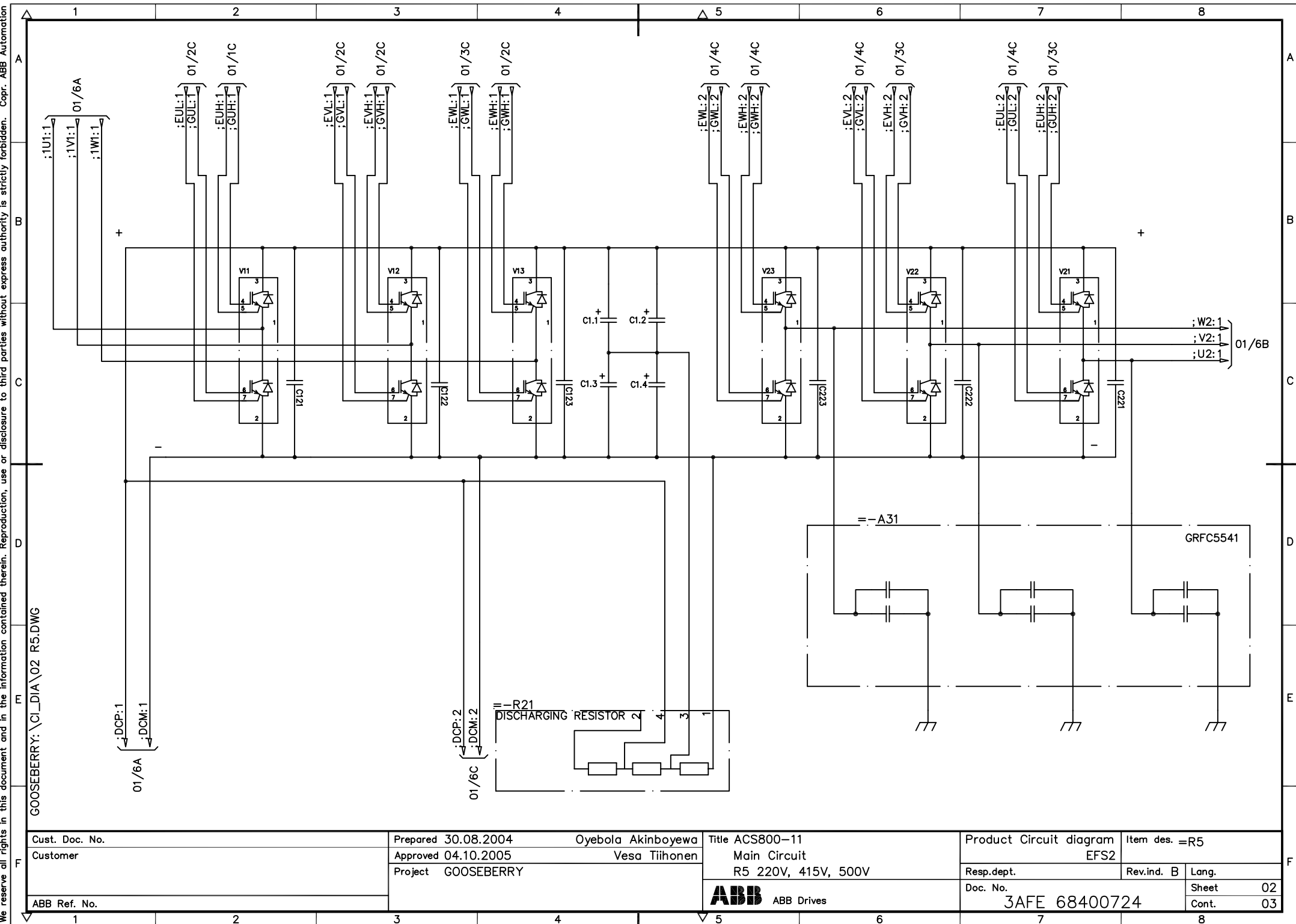


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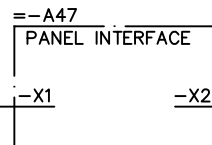
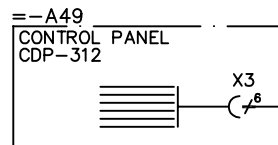
Cust. Doc. No.		Prepared 30.08.2004 Oyebola Akinboyewa		Title ACS800-11		Product Circuit diagram		Item des. =R5	
Customer		Approved 04.10.2005 Vesa Tiitonen		Main Circuit		EFS2		Rev.ind. B	
		Project GOOSEBERRY		R5 220V, 415V, 500V		Resp.dept.		Lang.	
ABB Ref. No.				ABB Drives		Doc. No.		Sheet	
						3AFE 68400724		Cont.	
								01	
								02	



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GOOSEBERRY: \CI_DIA\03 R5.DWG

Control panel installed
if option OJ400 is selected



RED/FAULT

GREEN/POWER

05/5C ← CDP:1

22/4B ← OPTION3:1

01/2E
; +24VDC: 1
; GND: 1

01/7E

=-A41
I/O AND
RMIO-01
MOTOR CONTROL BOARD

-X34

1
2 +24VDC
3 GND



-X31 38
-X32 38
-X33 20
-X30

OPTION SLOT1 (sheet 20)
OPTION SLOT2 (sheet 21)
OPTION SLOT3 (sheet 22)

1 GND
2 +5V
3 RXD
4 +5V
5 GND
6 TXD
7 GND
8 +5V
9 GND
10 GND

-X39

-X20

1 VREF -10V
2 AGND

-X21

1 VREF +10V
2 AGND

INPUT DESIGNATION
AI1: 0(2)...10V/-10...+10V
AI2, AI3: 0(4)...20mA
OUTPUT DESIGNATION
AO1, AO2: 0(4)...20mA

3 -AI1 +
4 -

Speed reference
0(2)...10V

5 -AI2 +
6 -

NOT IN USE
0(4)...20mA

7 -AI3 +
8 -

NOT IN USE
0(4)...20mA

9 -AO1 +
10 -

Motor speed
0(4)...20mA

11 -AO2 +
12 -

Output current
0(4)...20mA

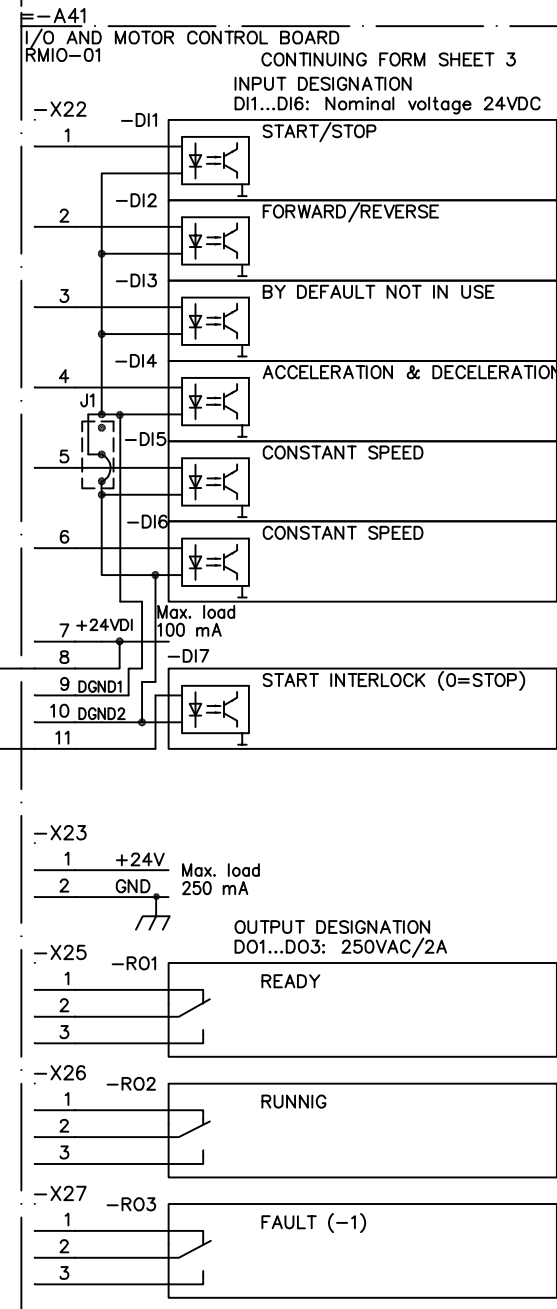
CONTINUING ON SHEET 4

FAULT RED
POWER GREEN

Cust. Doc. No.	Prepared 30.08.2004	Oyebola Ak	Title ACS800-11	Circuit Diagram	Item des. =R5
Customer	Approved 04.10.2005	Vesa Tiihonen	Main circuit	Resp.dept. EFS2	Rev.ind. B
	Project GOOSEBERRY		I/O and motor control board	Doc. No. 3AFE 68400724	Lang.
ABB Ref. No.			ABB Drives		Sheet 03
					Cont. 04

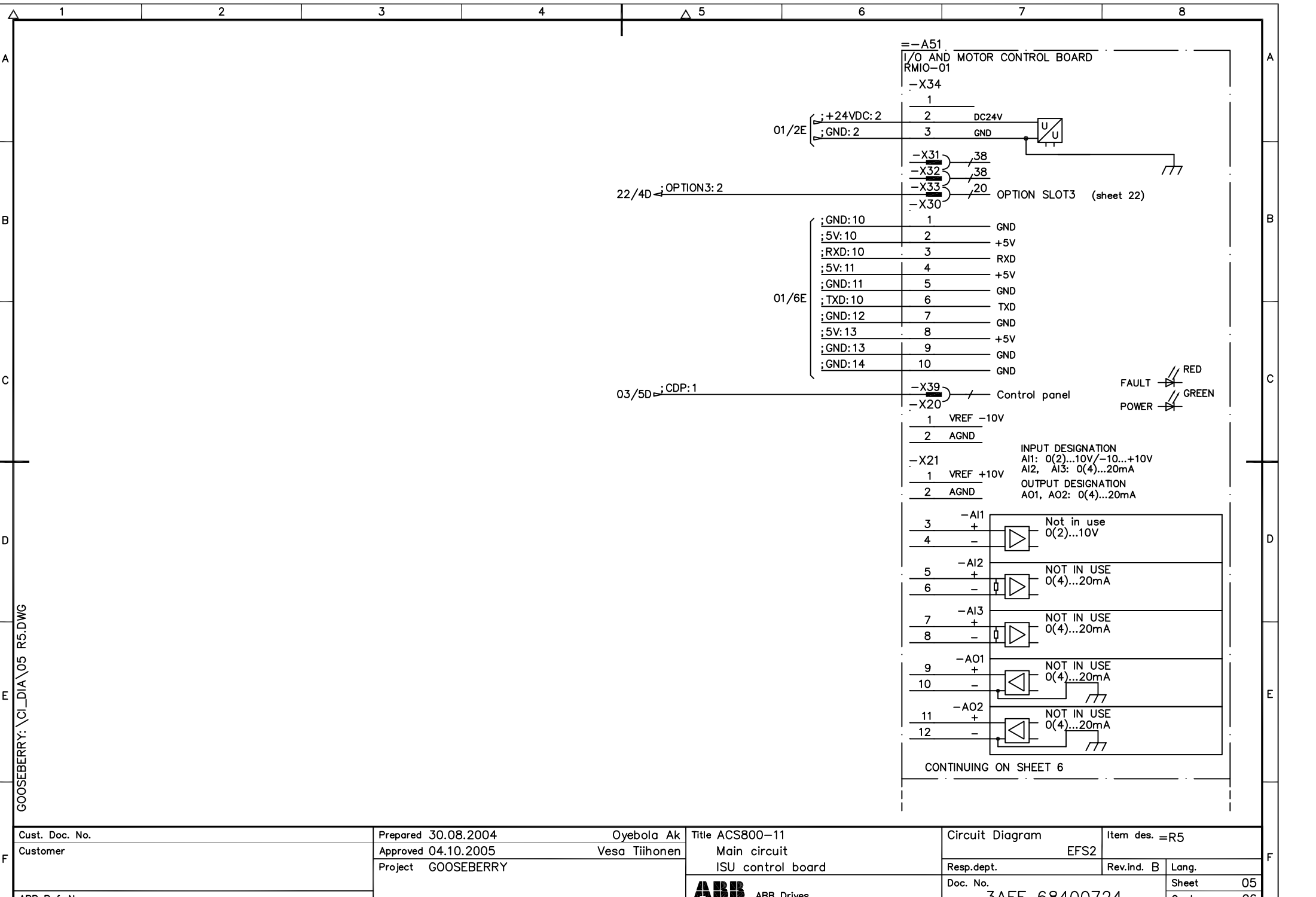
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GOOSEBERRY: \CI_DIA\04 R5.DWG



Cust. Doc. No.	Prepared 30.08.2004	Oyebola Ak	Title ACS800-11	Circuit Diagram	Item des. =R5
Customer	Approved 04.10.2005	Vesa Tiihonen	Main circuit	EFS2	
	Project GOOSEBERRY		I/O and motor control board	Resp.dept.	Rev.ind. B
ABB Ref. No.				Doc. No.	Lang.
				3AFE 68400724	Sheet 04
					Cont. 05

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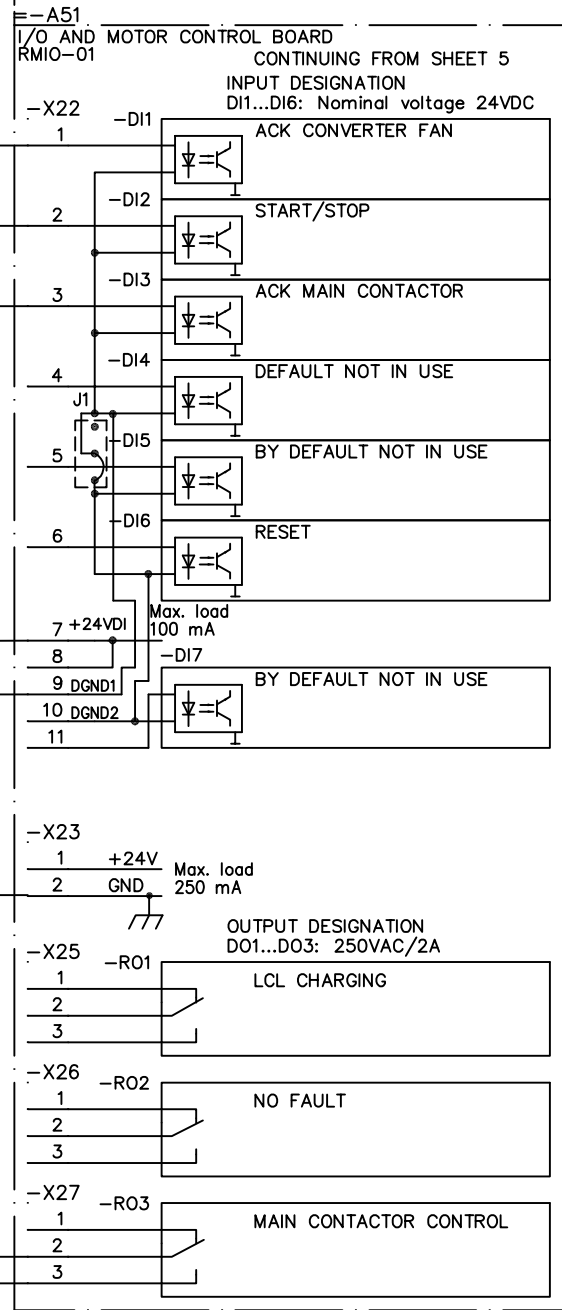
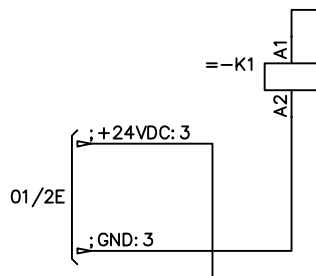
GOOSEBERRY: \CI_DIA\05 R5.DWG

Cust. Doc. No.		Prepared 30.08.2004	Oyebola Ak	Title ACS800-11		Circuit Diagram		Item des. =R5	
Customer		Approved 04.10.2005	Vesa Tiihonen	Main circuit		EFS2		Rev.ind. B	
		Project GOOSEBERRY		ISU control board		Resp.dept.		Lang.	
ABB Ref. No.				Doc. No.		3AFE 68400724		Sheet 05	
								Cont. 06	



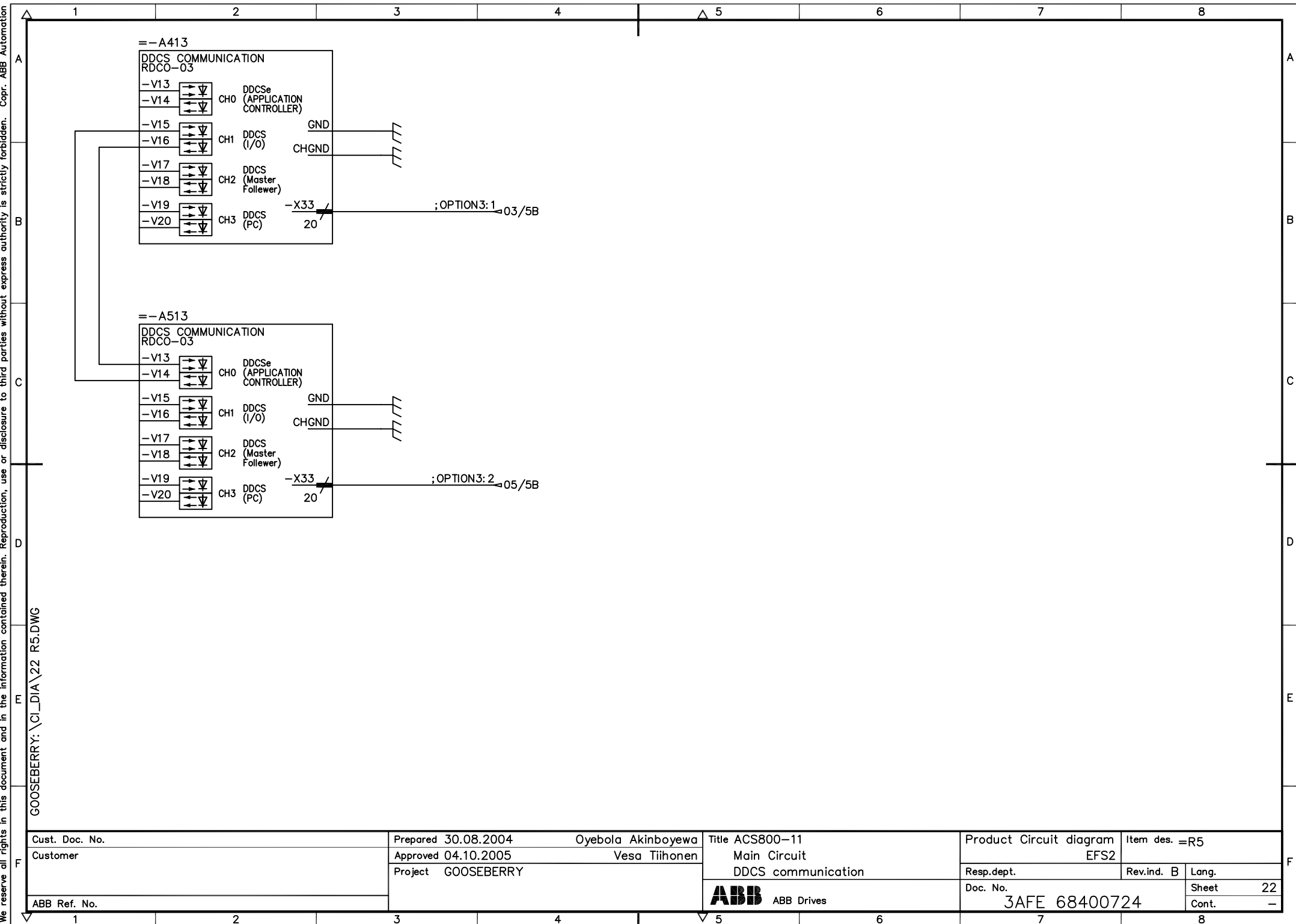
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GOOSEBERRY: \CI_DIA\06 R5.DWG



Cust. Doc. No.		Prepared 30.08.2004	Oyebola Ak	Title ACS800-11		Circuit Diagram		Item des. =R5	
Customer		Approved 04.10.2005	Vesa Tiihonen	Main circuit		EFS2		Rev.ind. B	
		Project GOOSEBERRY		ISU control board		Resp.dept.		Lang.	
ABB Ref. No.				Doc. No.		3AFE 68400724		Sheet 06	
								Cont. 22	





Cust. Doc. No.	Prepared 30.08.2004	Oyebola Akinboyewa	Title ACS800-11 Main Circuit DDCS communication	Product Circuit diagram		Item des. =R5	
Customer	Approved 04.10.2005	Vesa Tiihonen		EFS2			
	Project GOOSEBERRY			Resp.dept.		Rev.ind. B	Lang.
ABB Ref. No.			 ABB Drives	Doc. No.		Sheet	22
				3AFE 68400724		Cont.	-