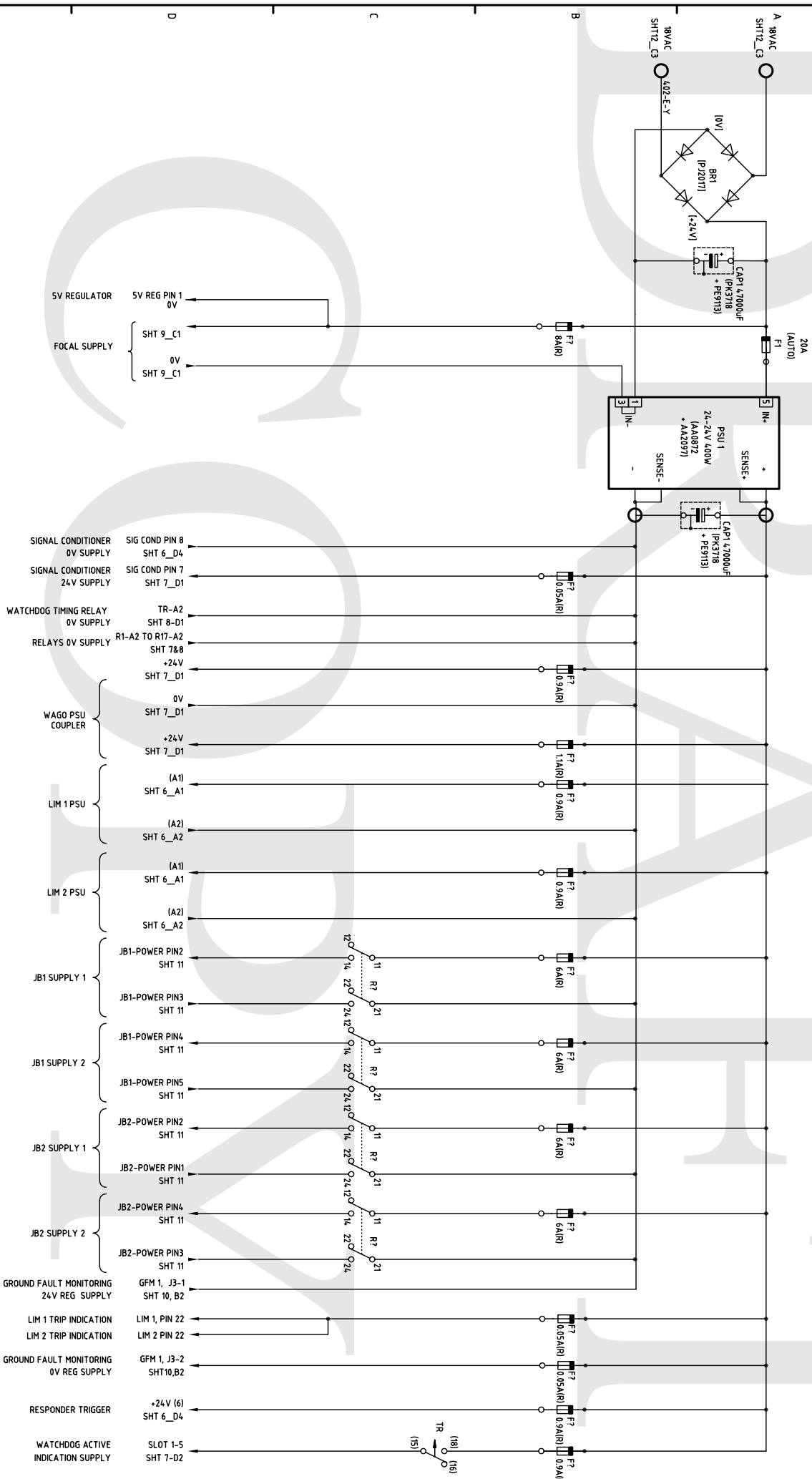




NO	DATE	CHANGE	ZONE	DRAWN	CHECK	MATERIAL	DIMENSIONS	SCALE	PROJECTION	3RD	TITLE
----	------	--------	------	-------	-------	----------	------------	-------	------------	-----	-------

DESIGNED		DRAWN		TOLERANCES UNLESS OTHERWISE STATED	
CLT	CLT	CLT	CLT	CLT	CLT
DIMENSION mm		UP TO 100		100 TO 300	300 TO 1000
		300		1000	OVER

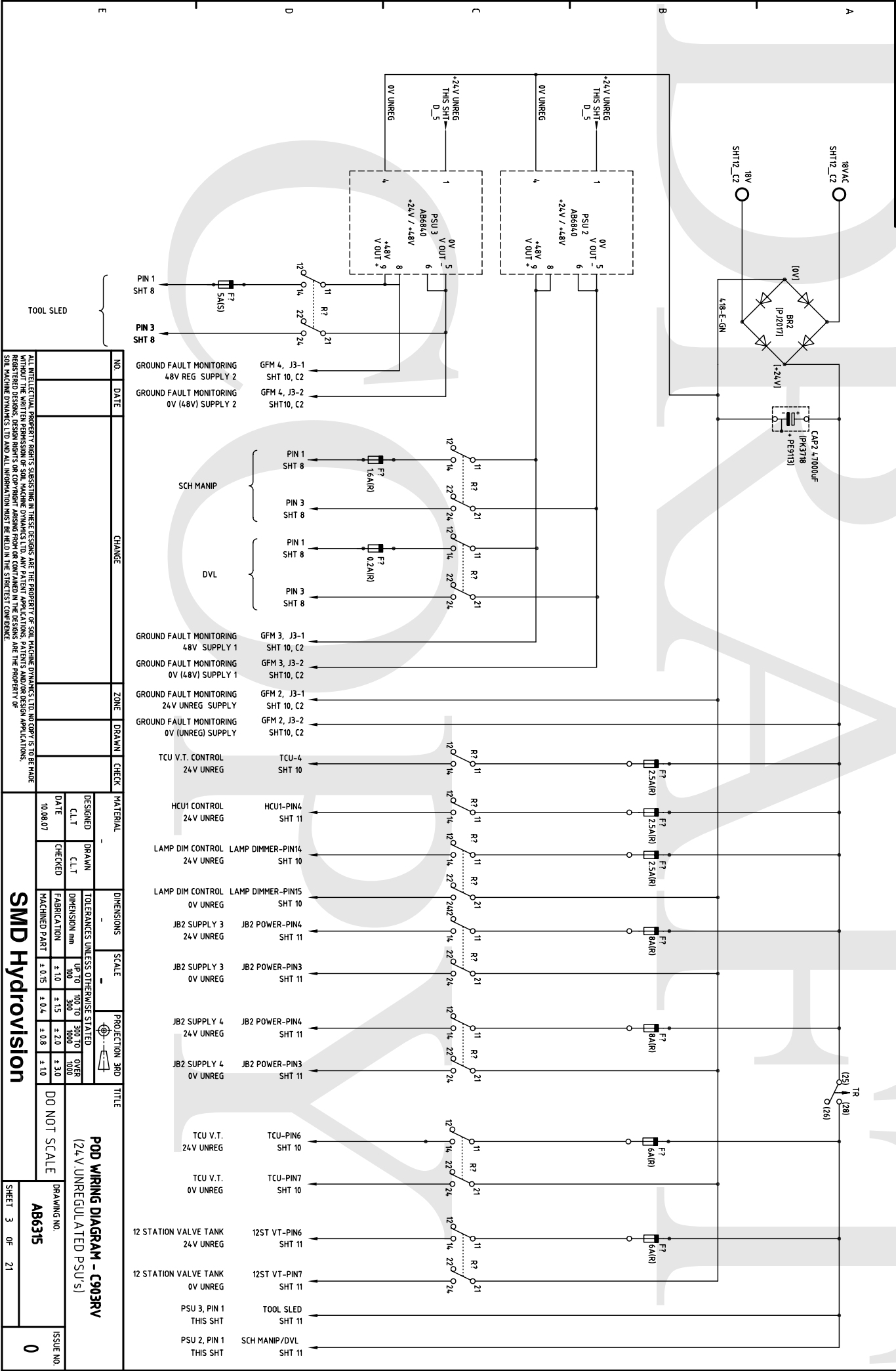
(24 V REGULATED PSU's)

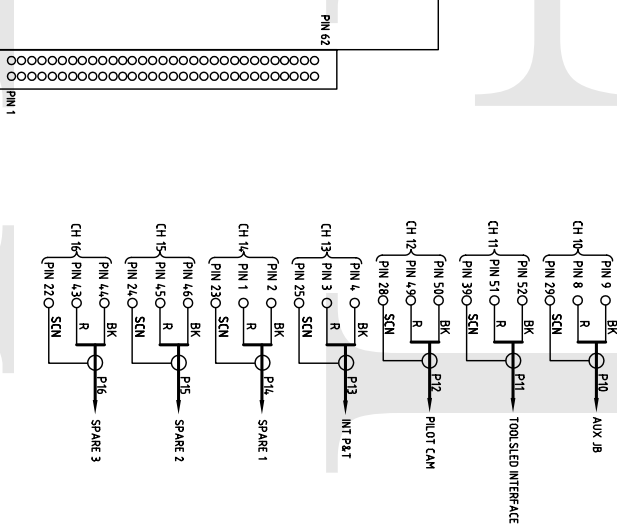
FLOOD MINING DIAPHRAGM - C5000V

POD WIRING DIAGRAM - C903RV (24V REGULATED PSU's)

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SMD Hydrovision



[illegible]

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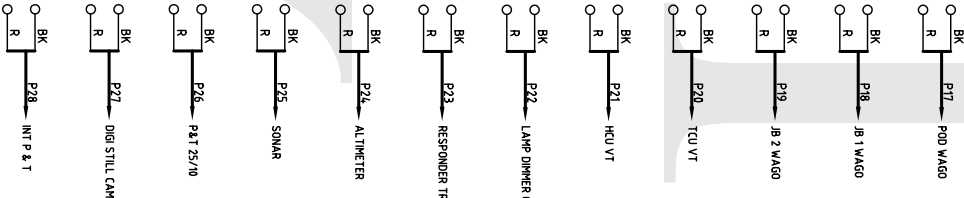
CAD



RELAY BOARD

PIN 62

PIN 1



NO.	DATE	CHANGE	ZONE	DRAWN	CHECK	MATERIAL	DIMENSIONS	SCALE	PROJECTION AND	TITLE
						DESIGNED C.L.T	DRAWN C.L.T	TOLERANCES UNLESS OTHERWISE STATED DIMENSION mm UP TO 100 TO 300 TO OVER 100 300 1000 1000		POD WIRING DIAGRAM - (C903RV (SIGNALS ISOLATION BOARD)
						DATE 10.08.07	CHECKED	FABRICATION ± 0.15 ± 0.4 ± 0.8 ± 1.0		DO NOT SCALE
								MACHINED PART		
										DRAWING NO. AB6315
										ISSUE NO. 0

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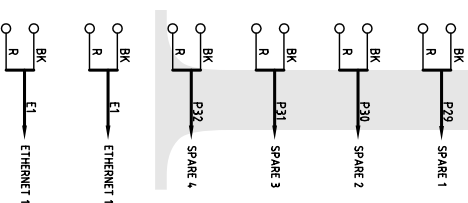
SMD Hydrovision

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10



PIN 6:

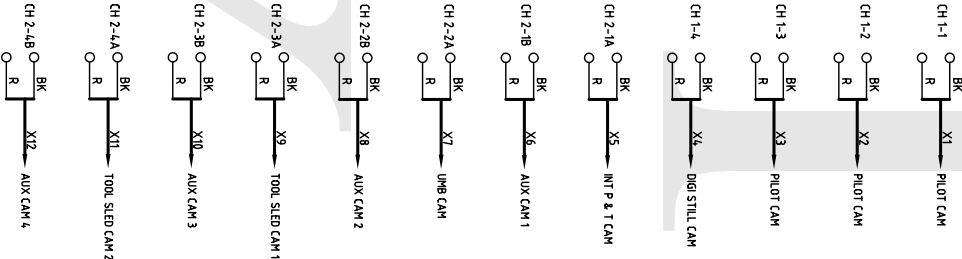
PIN

RELAY BOARD

NO.	DATE	CHANGE	ZONE	DRAWN	CHECK	MATERIAL	DIMENSIONS	SCALE	PROJECTION	3RD	TITLE
						DESIGNED C.L.T C.L.T DATE 10.06.07 CHECKED	TOLERANCES UNLESS OTHERWISE STATED DIMENSION mm 100 300 1000 OVER 1000 FABRICATION ± 1.0 MACHINED PART ± 0.15	100 300 1000 OVER 1000 ± 1.5 ± 2.0 ± 3.0 ± 0.4			PDD WIRING DIAGRAM - C903RV (SIGNALS ISOLATION BOARD)
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SMD Hydrovision											
DRAWING NO. AB6315											
ISSUE 0											
SHEET 9 OF 21											



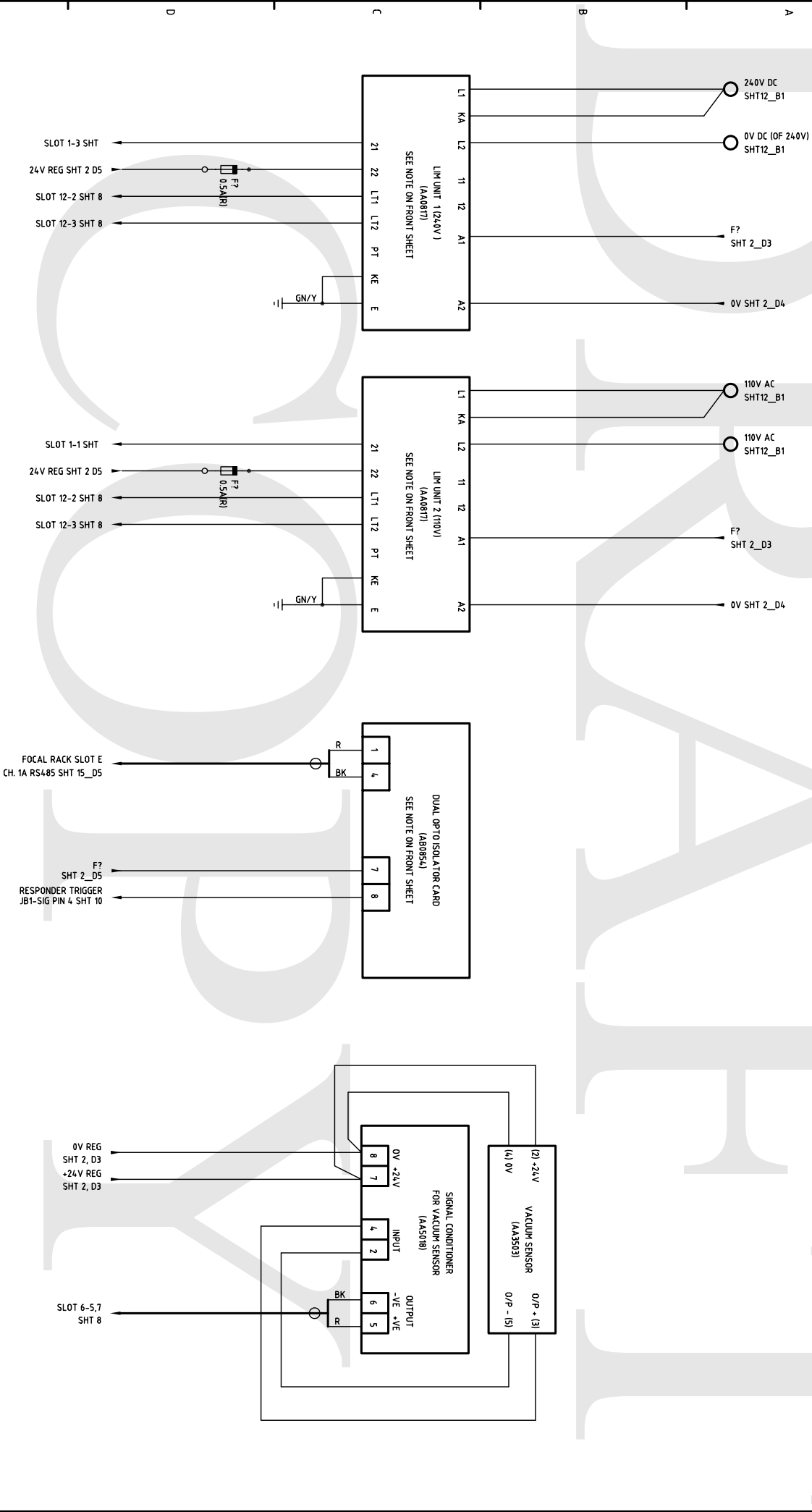
RELAY BOARD



NO.	DATE	CHANGE	ZONE	DRAWN	CHECK	MATERIAL	DIMENSIONS	SCALE	PROJECTION	3RD	TITLE
						DESIGNED C.L.T	DRAWN C.L.T	TOLERANCES UNLESS OTHERWISE STATED DIMENSION mm UP TO 100 TO 300 TO OVER 100 300 1000 1000			POD WIRING DIAGRAM - (C903RV (SIGNALS ISOLATION BOARD))
						DATE 10.08.07	CHECKED	FABRICATION ±0.15 ±0.4 ±0.8 ±1.0			
DO NOT SCALE											
DRAWING NO. AB6315											
ISSUE NO. 0											

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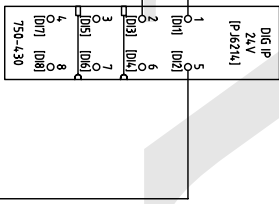
NO.		DATE	CHANGE		ZONE	DRAWN	CHECK	MATERIAL		DIMENSIONS		SCALE	PROJECTION 3RD		TITLE	
															POD WIRING DIAGRAM - (C903RY (LIM, VACUUM & TRIGGER CARDS)	

- D01. 110V LIM
D02. WATCH DOG TRIP
D03. 240V LIM
D04. SPARE
D05. SPARE
D06. SPARE
D07. SPARE
D08. SPARE

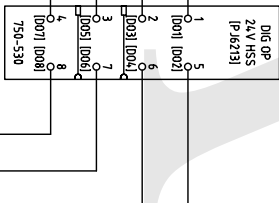
- D01. JB1 POWER SUPPLY 1 ISOLATE
D02. JB1 POWER SUPPLY 2 ISOLATE
D03. JB2 POWER SUPPLY 1 ISOLATE
D04. JB2 POWER SUPPLY 2 ISOLATE
D05. ± 12V TCU ISOLATE
D06. TCU CONTROL ISOLATE
D07. HCU CONTROL ISOLATE
D08. LAMP DIMMER CONTROL ISOLATE

- D01. JB2 POWER SUPPLY 3 ISOLATE
D02. JB2 POWER SUPPLY 4 ISOLATE
D03. TCU POWER ISOLATE
D04. HCU POWER ISOLATE
D05. LAMP 1&2 POWER ISOLATE
D06. LAMP 3&4 POWER ISOLATE
D07. HMI LAMP 1 POWER ISOLATE
D08. HMI LAMP 2 POWER ISOLATE

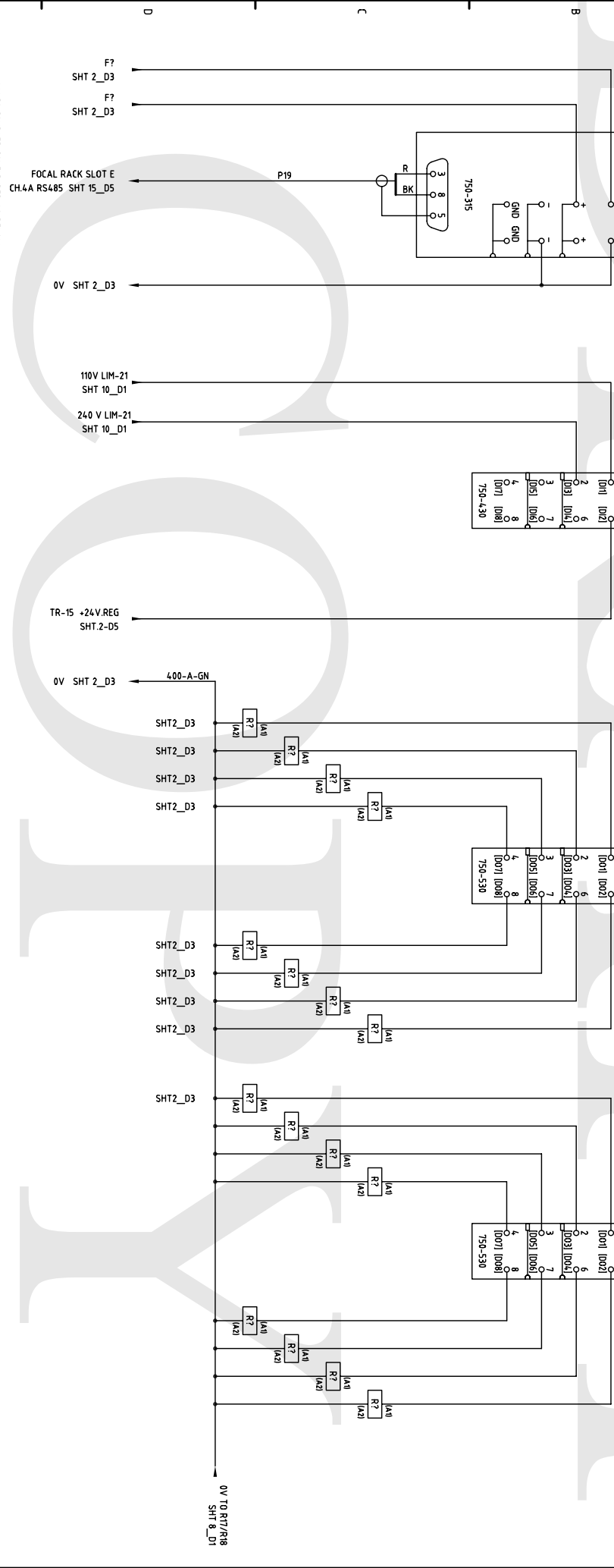
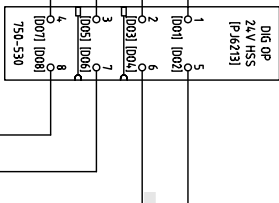
SLOT 1



SLOT 2



SLOT 3



WAGO COUPLER CONFIGURED AS BELOW
ADDRESS = 1, BAUD RATE 19,200



NO.	DATE	CHANGE	ZONE	DRAWN	CHECK

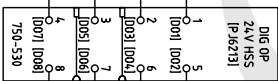
MATERIAL	DIMENSIONS	SCALE	PROJECTION 3RD	TITLE

POD WIRING DIAGRAM - C903RV
(WAGO MODULES - DIGITAL INPUTS / OUTPUTS)

SMD Hydrovision

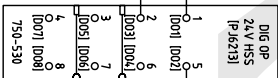
- D01 HMI LAMP 3 POWER ISOLATE
D02 HMI LAMP 4, POWER ISOLATE
D03 HMI LAMP 5 POWER ISOLATE
D04 HMI LAMP POWER 6 ISOLATE
D05 JB1 110V POWER ISOLATE
D06 AUX JB 110V POWER ISOLATE
D07 AUX JB 240V POWER ISOLATE
D08 TOOL SLED 240V POWER ISOLATE

SLOT 4



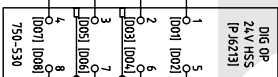
- D01 TOOL SLED 48V POWER ISOLATE
D02 SCH MAINP POWER ISOLATE
D03 DVL POWER ISOLATE
D04 SPARE
D05 SPARE
D06 SPARE
D07 SPARE
D08 SPARE

SLOT 5



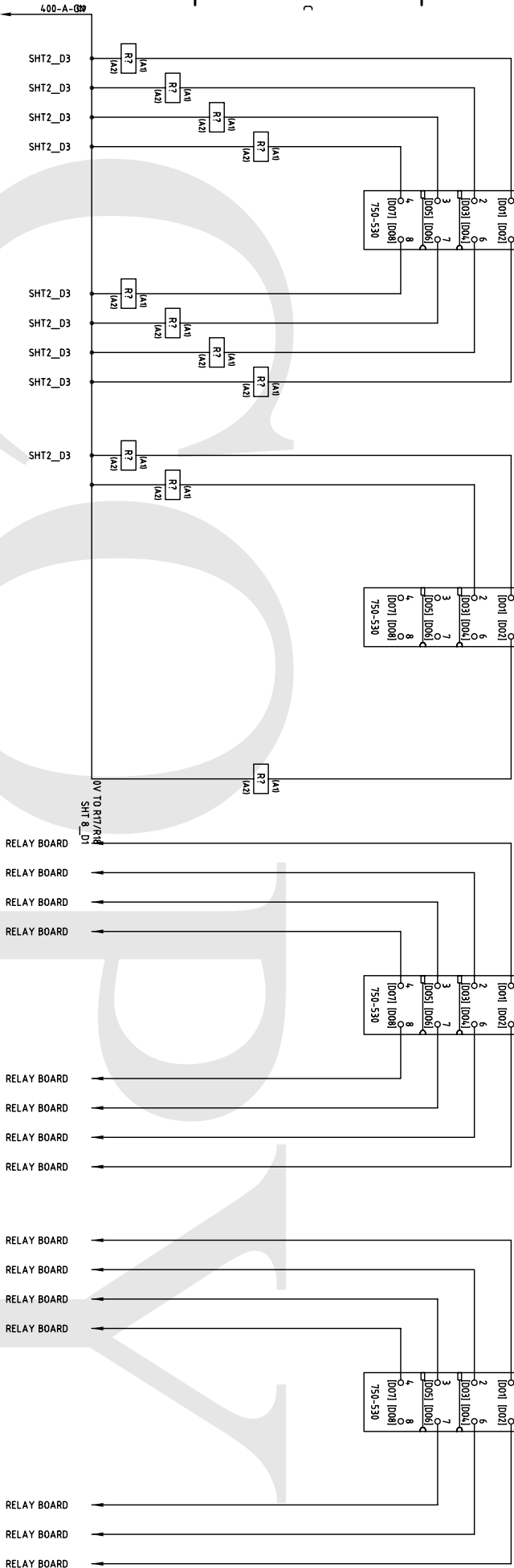
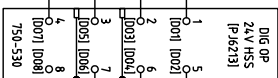
- D01 GYRO SIGNAL ISOLATE
D02 DEPTH SENSOR SIGNAL ISOLATE
D03 OCTANS SIGNAL ISOLATE
D04 HOMER SIGNAL ISOLATE
D05 DVL SIGNAL ISOLATE
D06 SCH MAINP SIGNAL ISOLATE
D07 CTD SIGNAL ISOLATE
D08 ACCOUSITC MODERN SIGNAL ISOLATE

SLOT 6



- D01 02 SENSOR SIGNAL ISOLATE
D02 TOOL SLED SIGNAL ISOLATE
D03 PILOT CAM SIGNAL ISOLATE
D04 INT P&T SIGNAL ISOLATE
D05 SPARE 232 1 SIGNAL ISOLATE
D06 SPARE 232 2 SIGNAL ISOLATE
D07 SPARE 232 3 SIGNAL ISOLATE
D08 SPARE

SLOT 7



400-A-030
0V SHT 2_D3

E

C

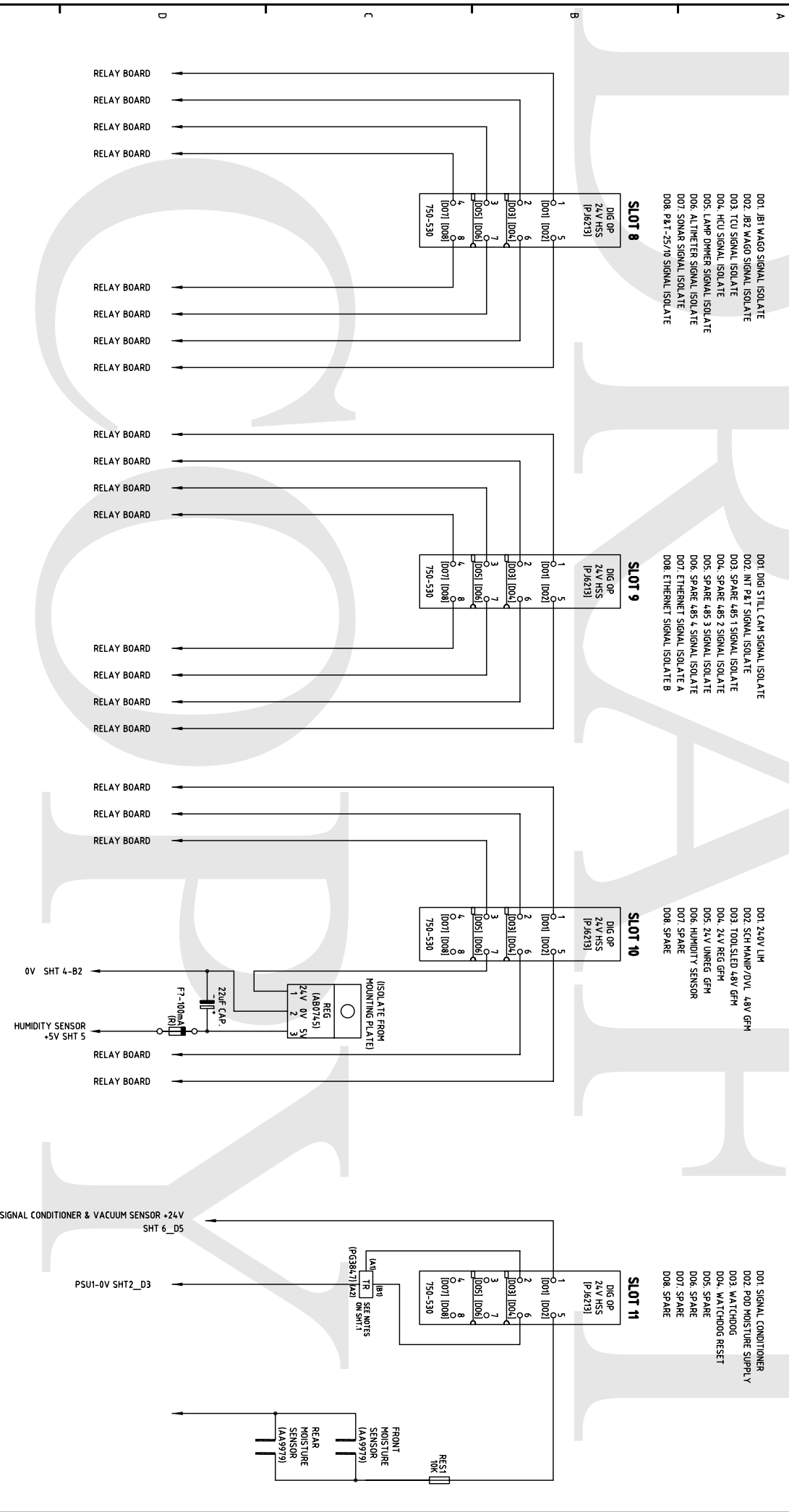
B

A

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NO.	DATE	CHANGE	ZONE	DRAWN	CHECK	MATERIAL	DIMENSIONS		SCALE	PROJECTION 3RD	TITLE						
											POD WIRING DIAGRAM - C903RV (WAGO MODULES - DIGITAL OUTPUTS)						
						DESIGNED	DRAWN	TOLERANCES UNLESS OTHERWISE STATED									
						C.L.T	M.R.	UP TO 100 TO 300 TO OVER									
						DATE	CHECKED	DIMENSION mm	100 300 1000 1000	± 1.0 ± 1.5 ± 2.0 ± 3.0							
						10.08.07		FABRICATION	± 1.0 ± 0.15 ± 0.4 ± 0.8 ± 1.0								
								MACHINED PART	DO NOT SCALE								
										DRAWING NO.	AB6315						
										SHEET 13 OF 21		0					

SMD Hydrovision

POD WIRING DIAGRAM - C903RV



DO 1, 240V LIM RESET
DO 2, 10V LIM RESET

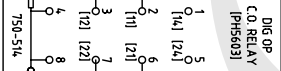
A11 SPARE
A12 VACUUM SENSOR
A13 POD MOISTURE
A14, POD HUMIDITY

DO1, GROUND FAULT MONITOR 1
DO2, GROUND FAULT MONITOR 2

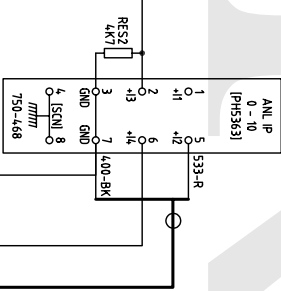
DO1, GROUND FAULT MONITOR 3
DO2, GROUND FAULT MONITOR 4

A11, PRT POD TEMP
A12, SPARE

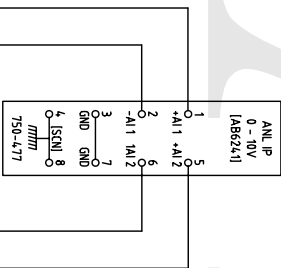
SLOT 12



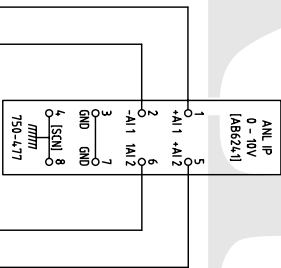
SLOT 13



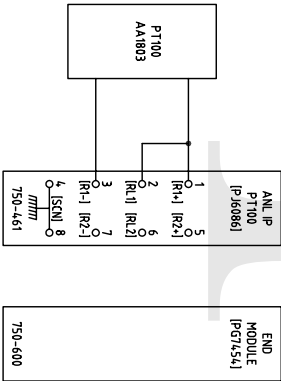
SLOT 14



SLOT 15



SLOT 16



LIM 1-LT1
SHT 6_D1
LIM 1-LT2
SHT 6_D1

SHT 6_D1
LIM 2-LT2
SHT 6_D1
LIM 2-LT1

MOISTURE SENSOR

SIGNAL CONDITIONER 5,6
SHT 6-D5

GROUND FAULT MONITOR 1
SHT 3
GFM1 J4-2

GROUND FAULT MONITOR 1
SHT 3
GFM1 J4-3

GROUND FAULT MONITOR 2
SHT 3
GFM2 J4-3

GROUND FAULT MONITOR 2
SHT 3
GFM2 J4-2

GROUND FAULT MONITOR 3
SHT 3
GFM3 J4-2

GROUND FAULT MONITOR 3
SHT 3
GFM3 J4-3

GROUND FAULT MONITOR 4
SHT 3
GFM4 J4-3

GROUND FAULT MONITOR 4
SHT 3
GFM4 J4-2

NO.	DATE	CHANGE	ZONE	DRAWN	CHECK

MATERIAL	DIMENSIONS	SCALE	PROJECTION

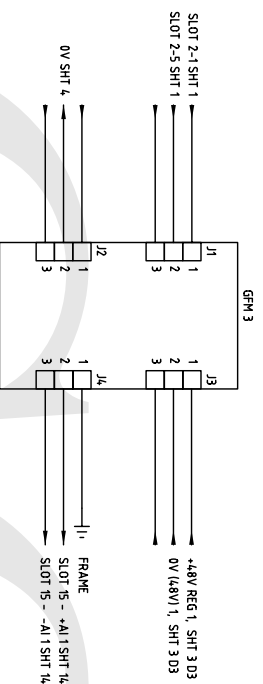
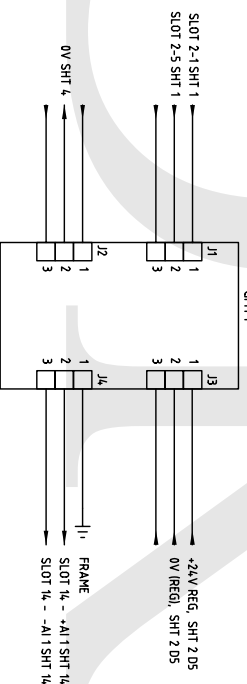
TITLE

POD WIRING DIAGRAM - C903RV
WAGO MODULES - C.O. RELAY / ANALOGUE I/P)

DESIGNED	DRAWN	TOLERANCES UNLESS OTHERWISE STATED
C.L.T	C.L.T	UP TO 100 TO 300 TO OVER
DATE	CHECKED	DIMENSION mm
10.08.07		100 ± 1.0
		300 ± 1.5
		1000 ± 2.0
		3000 ± 3.0
		MACHINED PART ± 0.15 ± 0.4 ± 0.8 ± 1.0

DRAWING NO.	ISSUE NO.
AB6315	0

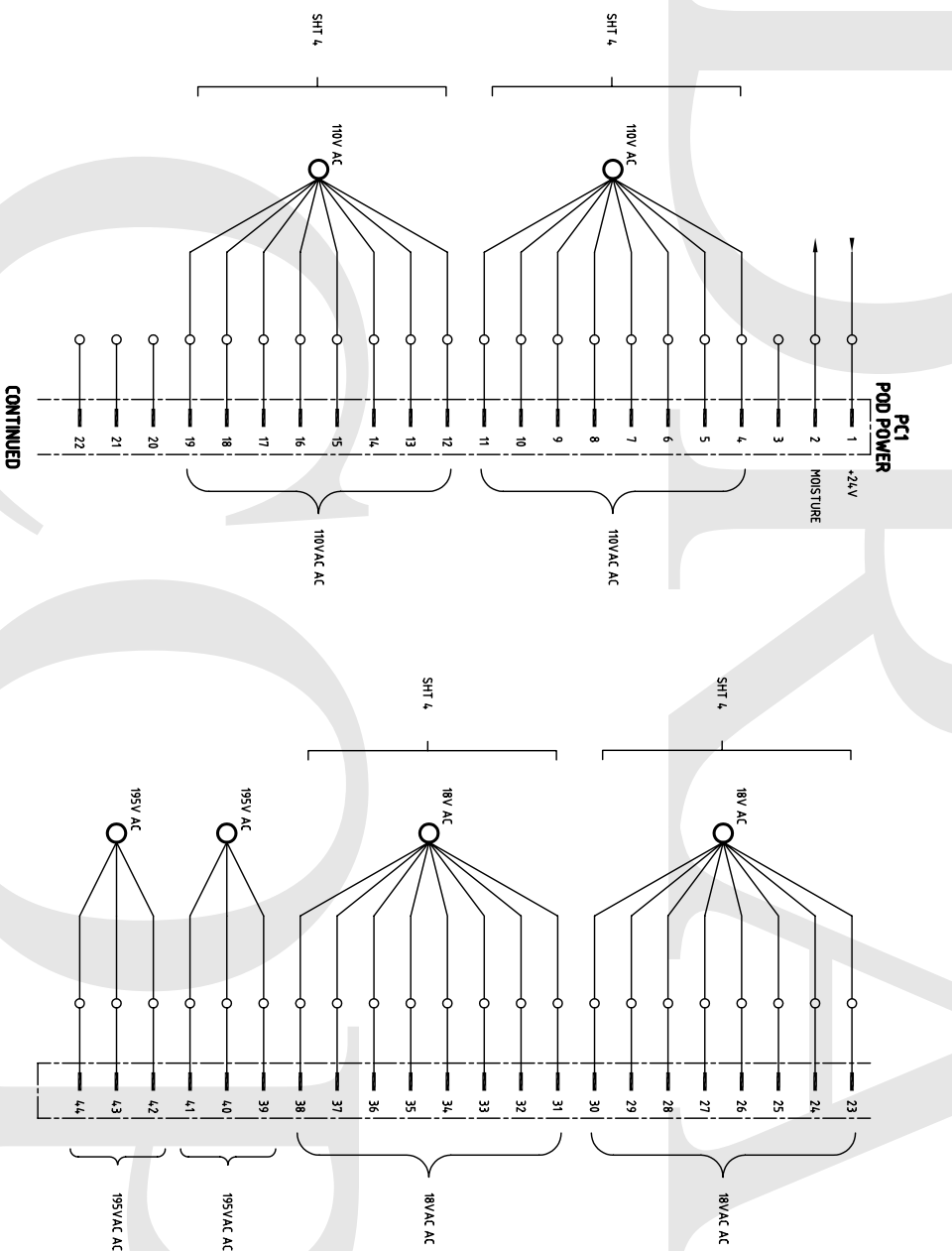
SMD Hydrovision

[illegible]

POD WIRING DIAGRAM - (C903RV GROUND FAULT MONITORING BOARDS)

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PC2 FIBRE	
F1	1
ST/ST	2
ST/ST	3
ST/ST	4
F4	

RELAY BOARD

P

R

BK

SCN

1

2

3

4

5

6

7

8

9

10

N/C

+24V UNREG

0V UNREG

N/C

N/C

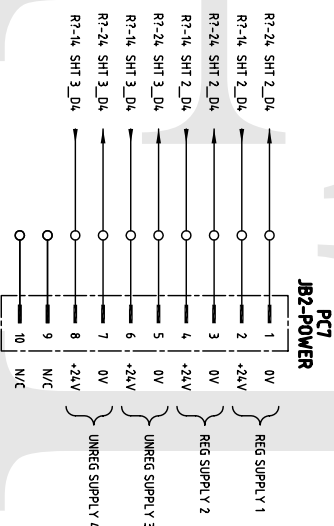
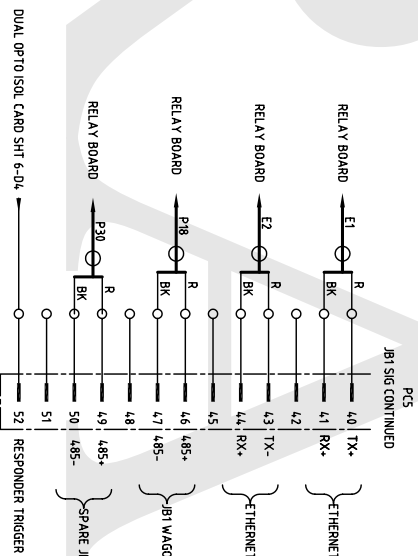
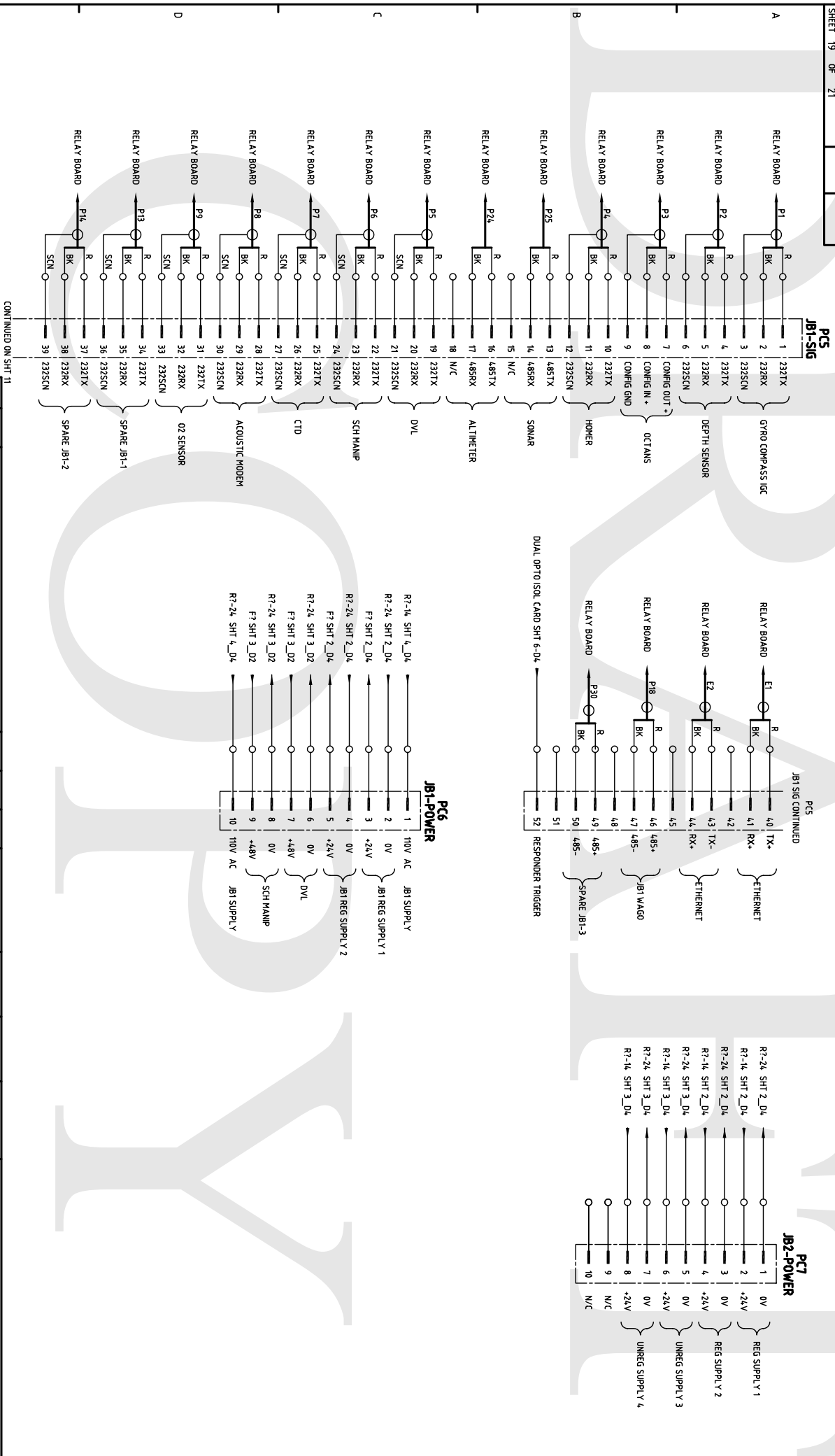
N/C

12 ST VT

12 ST VT

12 ST VT CONTROL

SMD WIRING DIAGRAM - C903RV (FACE/PLATE CONNECTOR - POD POWER)																					
NO.		DATE		CHANGE		ZONE		DRAWN		CHECK		MATERIAL		DIMENSIONS		SCALE		PROJECTION 3RD		TITLE	
														-		-					
														DESIGNED		DRAWN					
														C.L.T		C.L.T					
														TOLERANCES UNLESS OTHERWISE STATED							
														DIMENSION mm		UP TO 100 TO 300 TO OVER 1000					
														DATE		CHECKED		FABRICATION		± 10 ± 15 ± 20 ± 30	
														10.08.07				MACHINED PART		± 0.15 ± 0.1 ± 0.8 ± 1.0	
																				DO NOT SCALE	
																				DRAWING NO. AB6315	
																				SHEET 18 OF 21	
																				ISSUE NO. 0	
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10

NO.	DATE	CHANGE	ZONE	DRAWN	CHECK	MATERIAL	DIMENSIONS	SCALE	PROJECTION	3RD	TITLE
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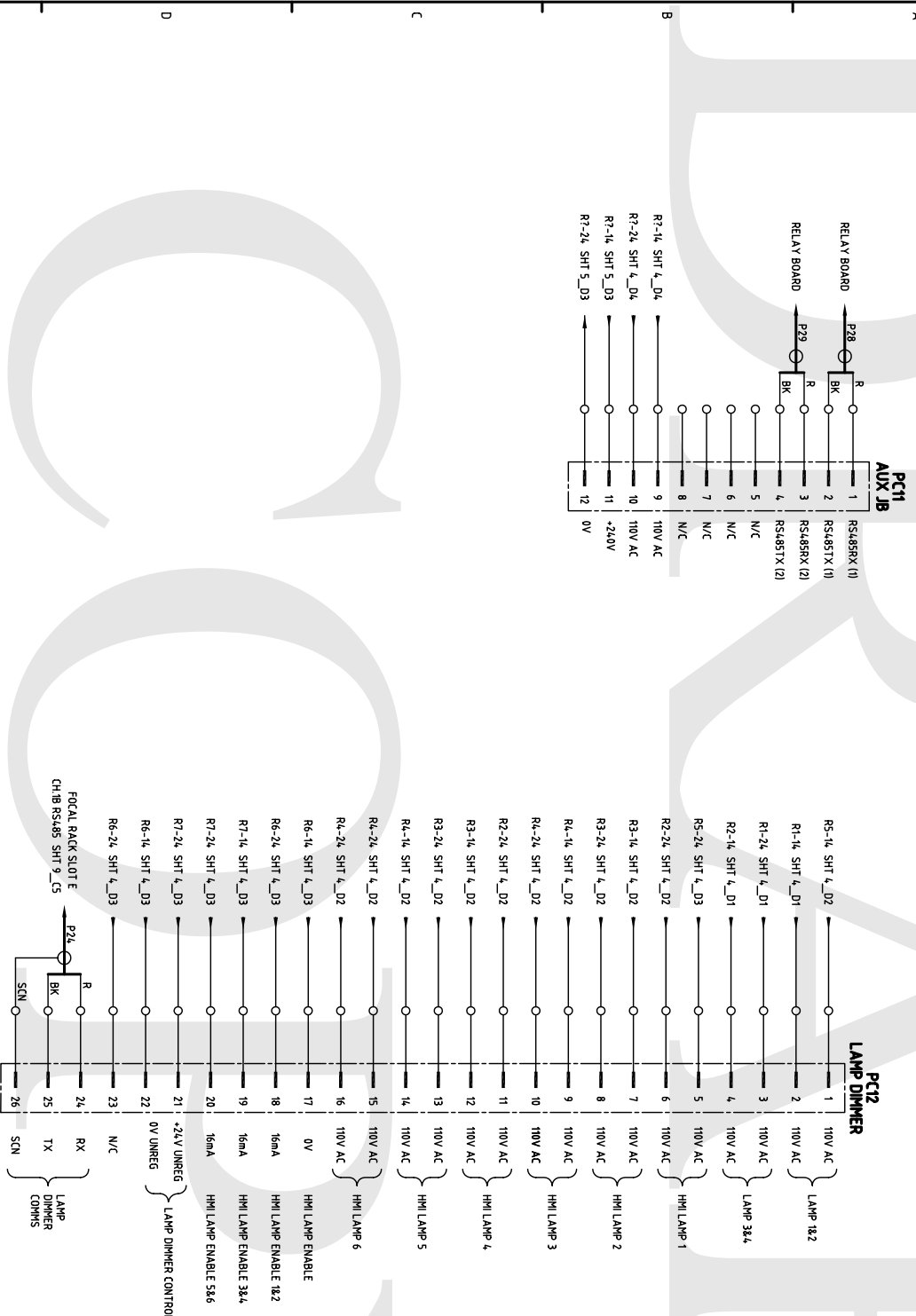
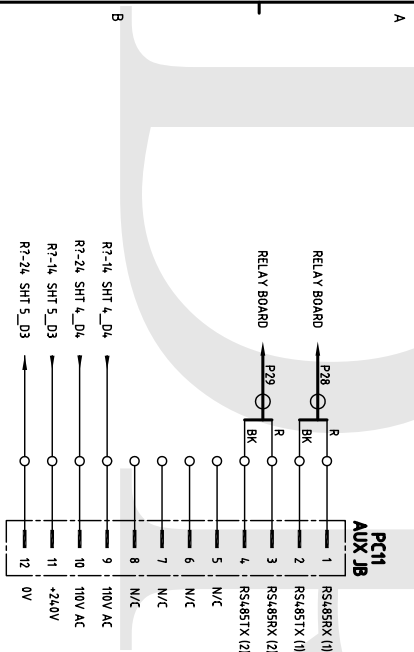
DESIGNED		DRAWN	
C.L.T		C.L.T	
TOLERANCES UNLESS OTHERWISE STATED			
DIMENSION mm	UP TO 100	100 TO 300	300 TO OVER
	100	1000	1000

(FACEPLATE CONNECTORS)

DATE	CHECKED	FABRICATION	± 1.0	± 1.5	± 2.0	± 3.0	DO NOT SCALE	DRAWING NO. AB634C	ISSUE NO.
10.08.07		MACHINED PART	± 0.15	± 0.4	± 0.8	± 1.0			

SMD Hydrovision

DRAWING NO.	ISSUE NO.
AB6315	0
SHEET 19 OF 21	



NO.	DATE	CHANGE	ZONE	DRAWN	CHECK	MATERIAL	DIMENSIONS	SCALE	PROJECTION	3RD	TITLE
						DESIGNED CLT	DRAWN CLT				POD WIRING DIAGRAM - C903RV
						DATE 10.08.07	CHECKED				DO NOT SCALE
											DRAWING NO. AB6315
											ISSUE NO. 0

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SHEET 21 OF 21