

C903 - POWER ROOM

1	FRONT SHEET
2	INCOMER, POD & MOTOR SUPPLIES
3	110V CONTROL
4	24V CONTROL CIRCUITS
5	WAGO EQUIPMENT MOUNTED IN POWER ROOM
6	EXTERNAL TERMINATIONS
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17	

- NOTES
1.  DENOTES WIRING IN UMBILICAL TERMINATION PANEL. SEE SHEET 6.

2.  DENOTES MULTICORE CABLE NUMBER AND CORE NUMBER. SEE SHEET 6

3. ALL WIRING TO BE 0.5mm² - TRI-RATED - TYPE B - UNLESS OTHERWISE STATED.

4. WIRE NUMBERS ALLOCATED TO THIS DRAWING ARE 1 TO 269, LAST WIRE NUMBER USED 262. UNUSED WIRE NOS. ARE 1-3, 32-34, 85-87, 98-100, 119-121, 128-130, 132, 216, 254, 255, 260-262.

5. WIRE NUMBERS OTHER THAN ABOVE ARE DERIVED FROM OTHER SHEETS.

6. ALL FUSES ARE TYPE 'T' TIME DELAY.

7. ALL CABLES TO BE IN ACCORDANCE WITH SMD DRG.No.PD0739 (LATEST ISSUE No)

8. LAST FUSE NUMBER USED F26. LAST MCB NUMBER USED MCB8. LAST RELAY NUMBER USED R10.

9. PAIR CABLE NUMBERS USED ON THIS DRG. ARE P8

10. FIBRE CABLE NUMBERS USED ON THIS DRG. ARE F1, F2, F4 & SPARE IS F3.

11. TIMING RELAYS TO BE SET-UP AS FOLLOWS-

 TOP SWITCH

 MIDDLE SWITCH

 BOTTOM SWITCH

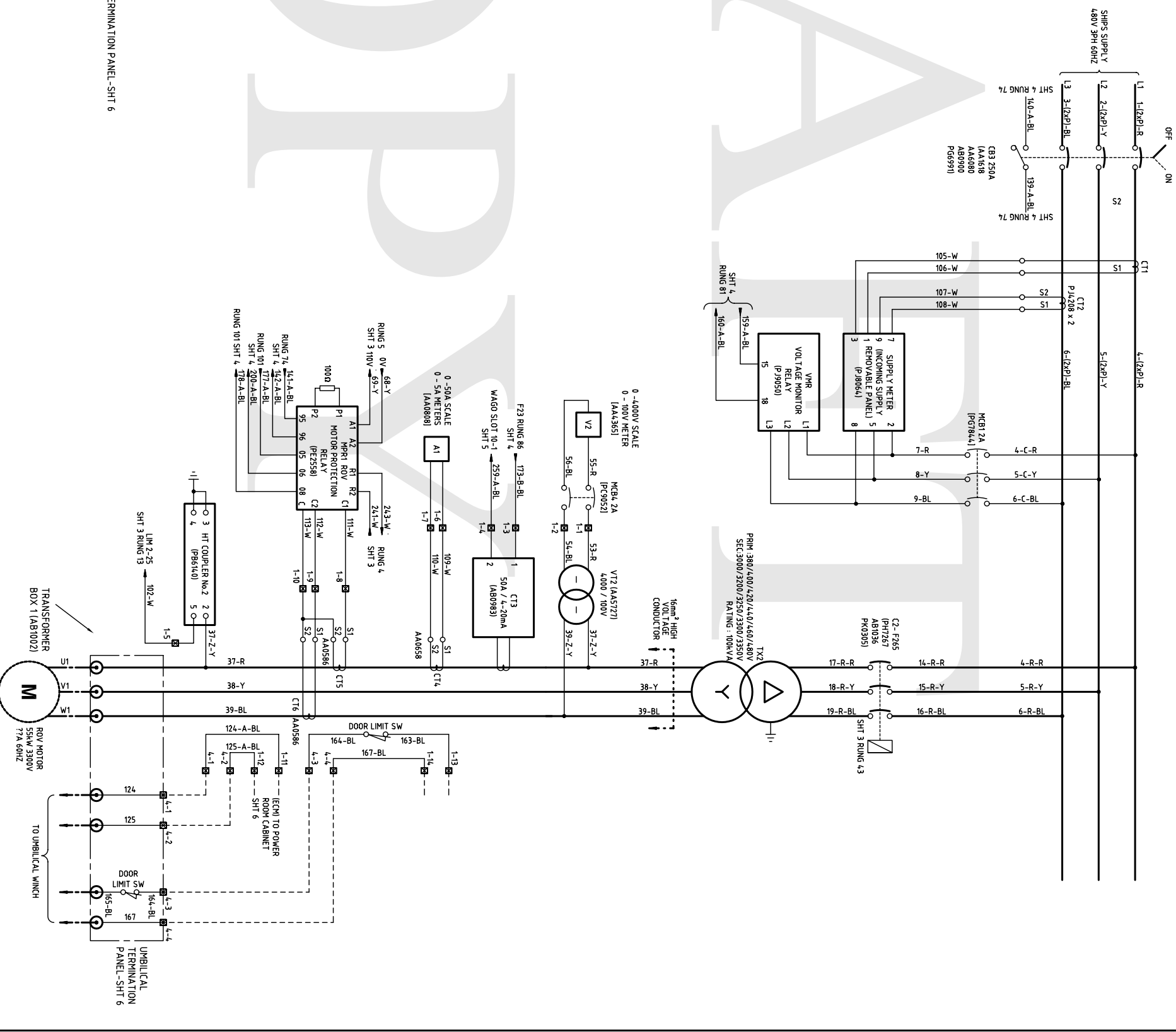
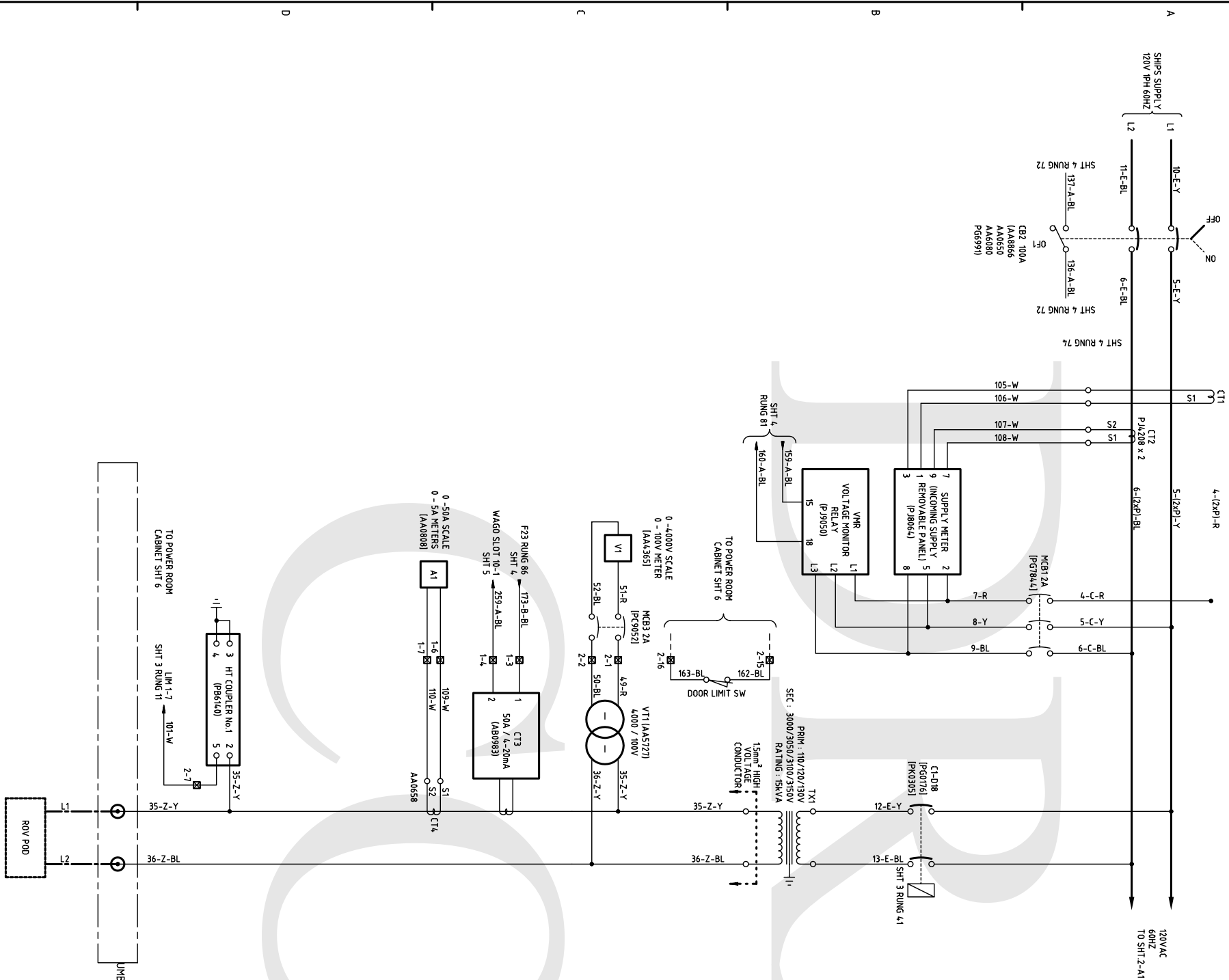
12. ALL EQUIPMENT IS MOUNTED IN POWER ROOM ENCLOSURE (DOUBLE DOOR) EXCEPT EQUIPMENT SHOWN INSIDE CHAIN DOTTED AREAS ie TRANSFORMER BOXES 1 & 2 AND UMBILICAL TERMINATION PANEL.
- SMD

Hydrovision
- | NO. | DATE | CHANGE | ZONE | DRAWN | CHECK | MATERIAL | DIMENSIONS | SCALE | PROJECTION AND | TITLE |
|-----|------|--------|------|-------|-------|------------------|---|-----------------------------------|---|--|
| | | | | | | DESIGNED
TFS | NA | NA |  | POWER WIRING - (C903)
(FRONT SHEET) |
| | | | | | | CHECKED
TFS | TOLERANCES UNLESS OTHERWISE STATED | | | |
| | | | | | | DATE
17/09/07 | DIMENSION mm
100 300 1000 | SCALE
1:10 1:15 1:20 1:30 1:50 | | DO NOT SCALE |
| | | | | | | | FABRICATION
± 1.0 ± 1.5 ± 2.0 ± 3.0 | | | DRAWING NO.
AB6754 |
| | | | | | | | MACHINED PART
± 0.15 ± 0.4 ± 0.8 ± 1.0 | | | ISSUE NO.
0 |

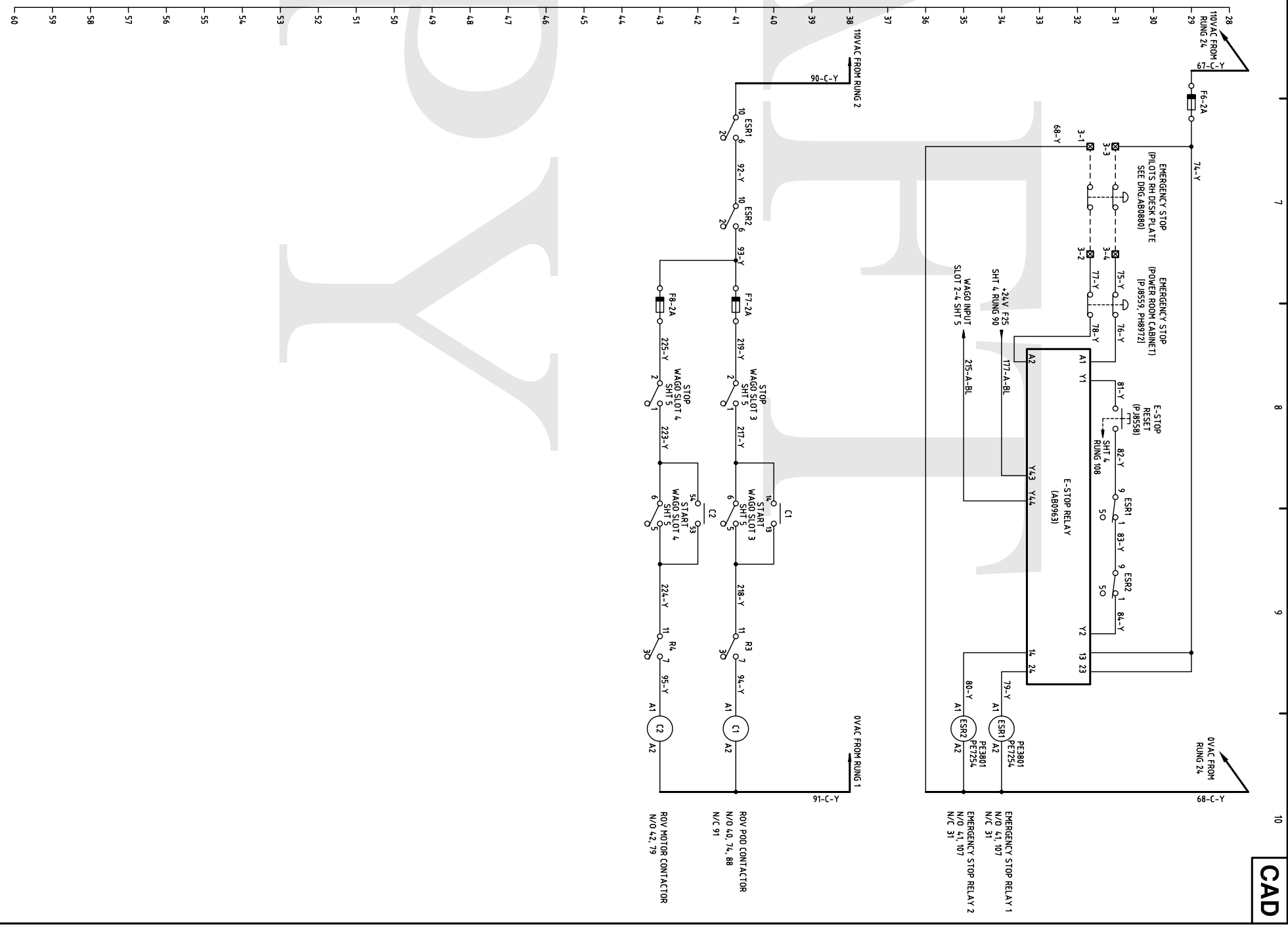
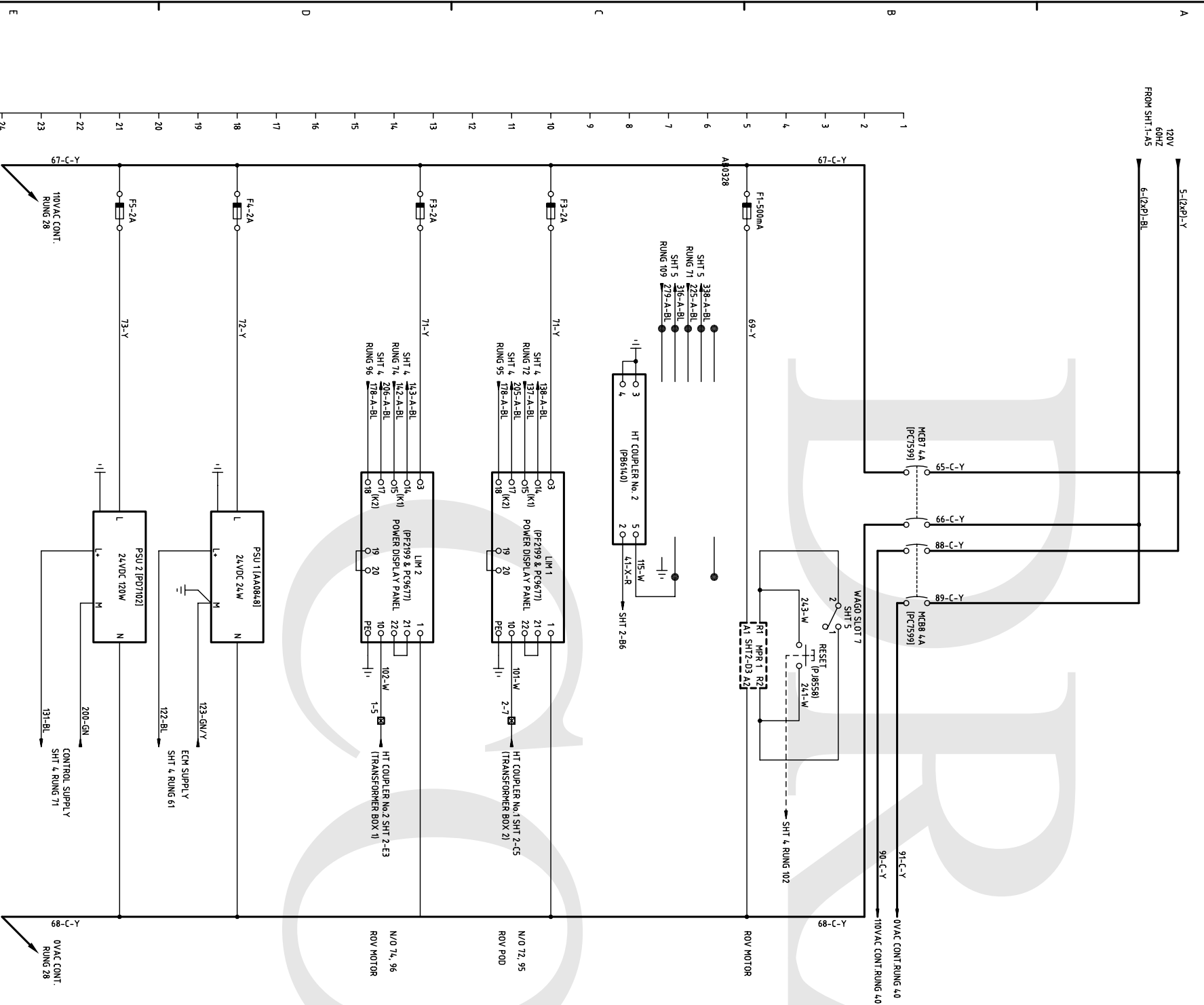
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SHEET 1 OF 6



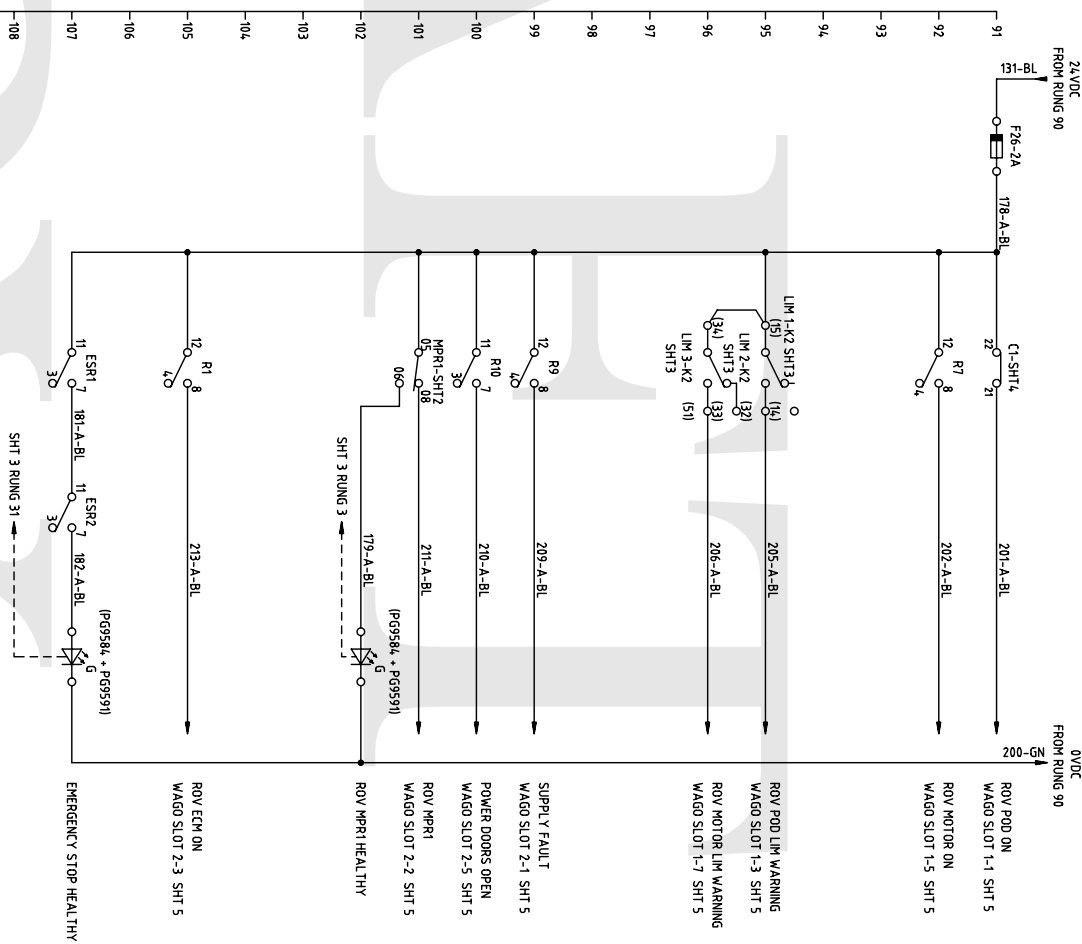
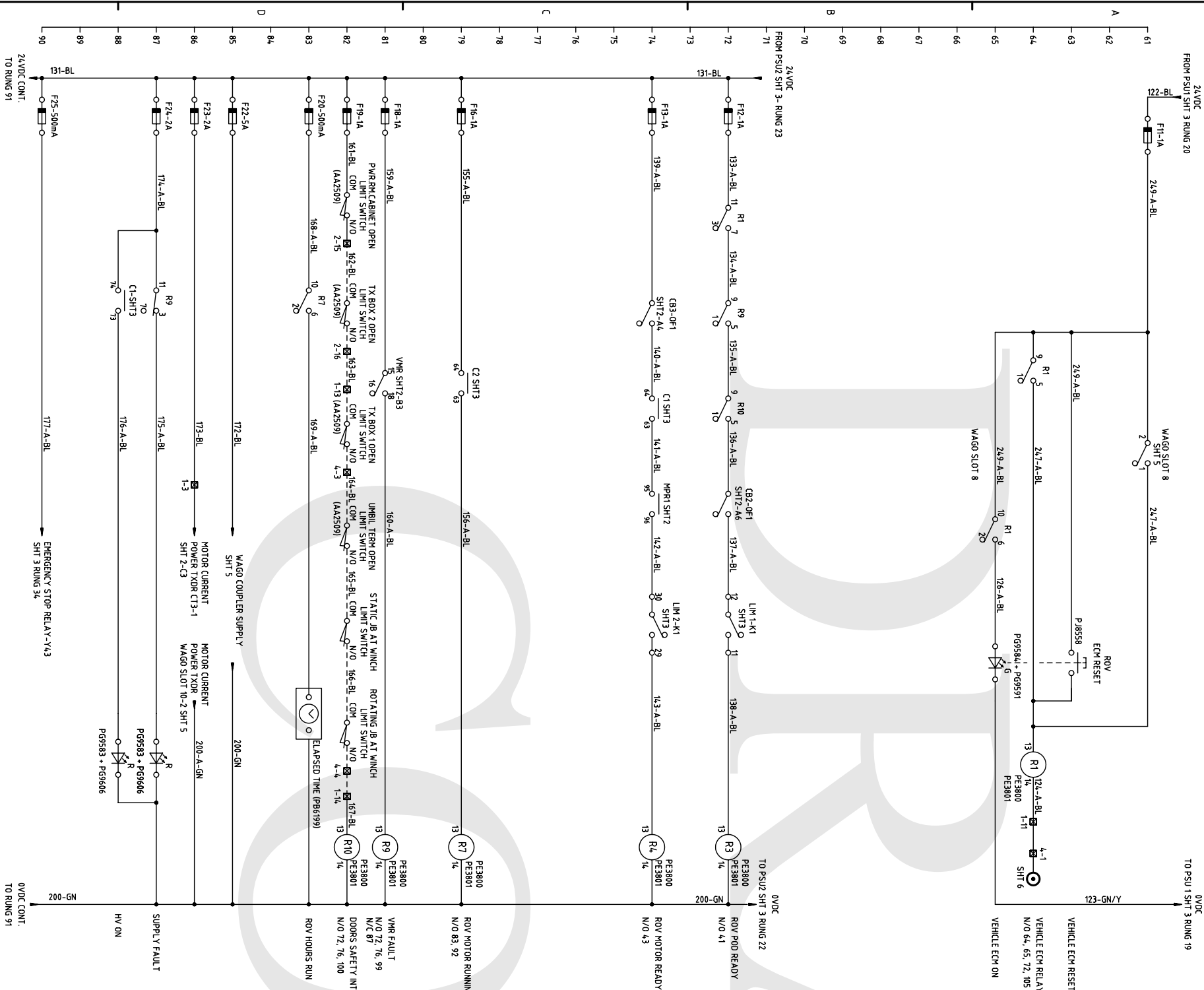
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NO.	DATE	CHANGE	ZONE	DRAWN	CHECK	MATERIAL	DIMENSIONS		SCALE		PROTECTION 3RD		TITLE	
						NA	NA		NA				POWER WIRING - (C903) (INCOMER, PDD & MOTOR SUPPLIES)	
						DRAWN	TOLERANCES UNLESS OTHERWISE STATED							
						TFS	UP TO 100		300 TO 1000		OVER 1000			
						DATE	DIMENSION mm		100 300 1000 1000					
						CHECKED	FABRICATION		± 1.0 ± 1.5 ± 2.0 ± 3.0					
						11/09/07	MATCHED PART		± 0.15 ± 0.4 ± 0.8 ± 1.0		DO NOT SCALE			
							DRAWING NO.		AB6754		ISSUE NO.		0	
							SHEET		2 OF 6					



NO.	DATE	CHANGE	ZONE	DRAWN	CHECK	MATERIAL	DIMENSIONS	SCALE	PROJECTION AND	TITLE
							DESIGNED TFS	NA	NA	POWER WIRING - (C903) (110V CONTROL CIRCUITS)
							CHECKED TFS	NA	NA	
							DATE 17/09/07	NA	NA	
										DO NOT SCALE
										DRAWING NO. AB6754
										ISSUE NO. 0

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[illegible]

- DI1

DI2 ROV POD ON

DI3 ROV MOTOR ON

DI4 ROV MOTOR ON

DI5

DI6 ROV POD LIM

DI8 ROV MOTOR LIM
- DI1 SUPPLY FAULT

DI2 POWER INTERLOCK

DI3 ROV MPR TRIP

DI4

DI5 ROV ECM ON

DI6

DI7 E-STOP PRESSED

DI8 SPARE
- DO1 ROV POD START

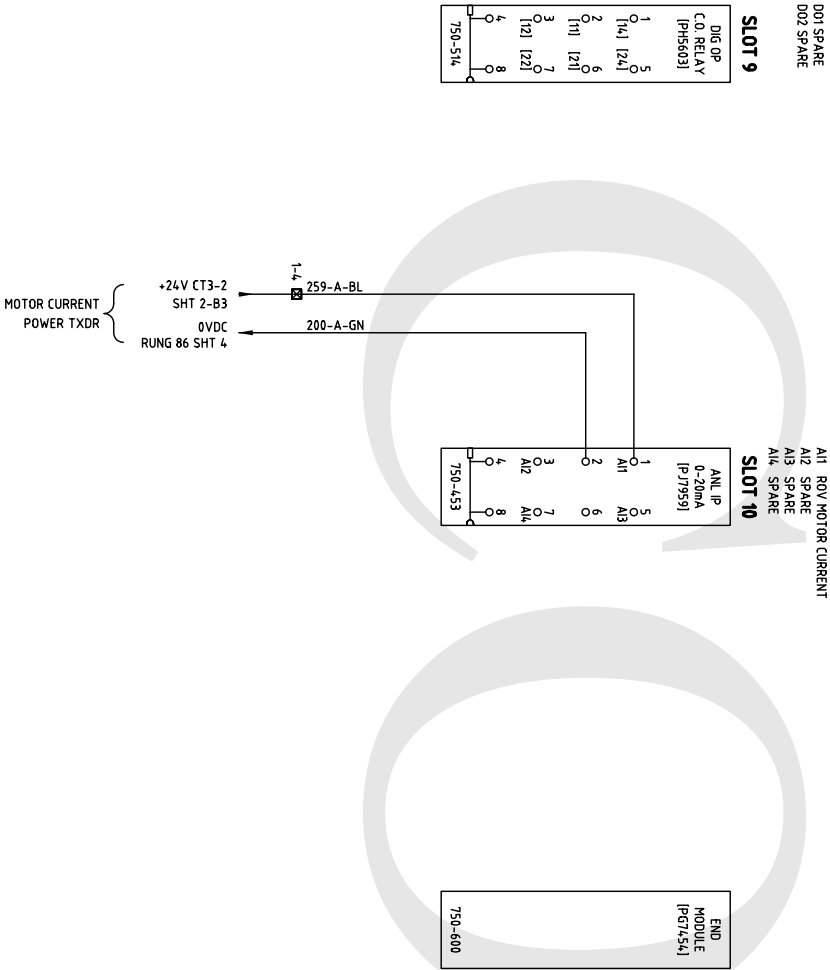
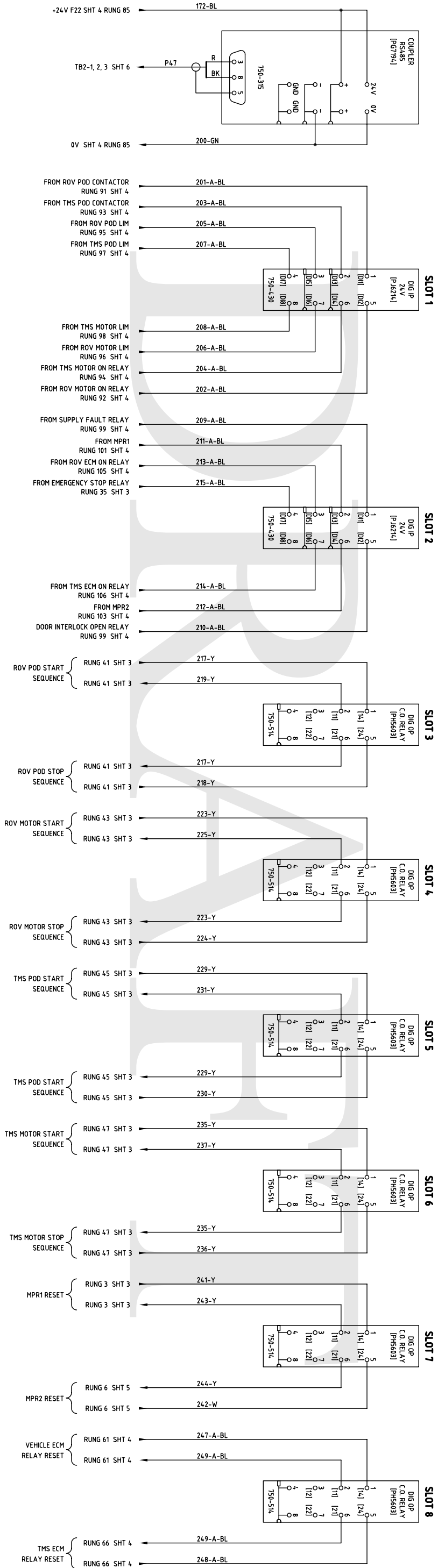
DO2 ROV POD STOP
- DO1 ROV MOTOR START

DO2 ROV MOTOR STOP
- DO1 SPARE

DO2 SPARE
- DO1 ROV MPR RESET

DO2 SPARE
- DO1 ROV ECM RESET

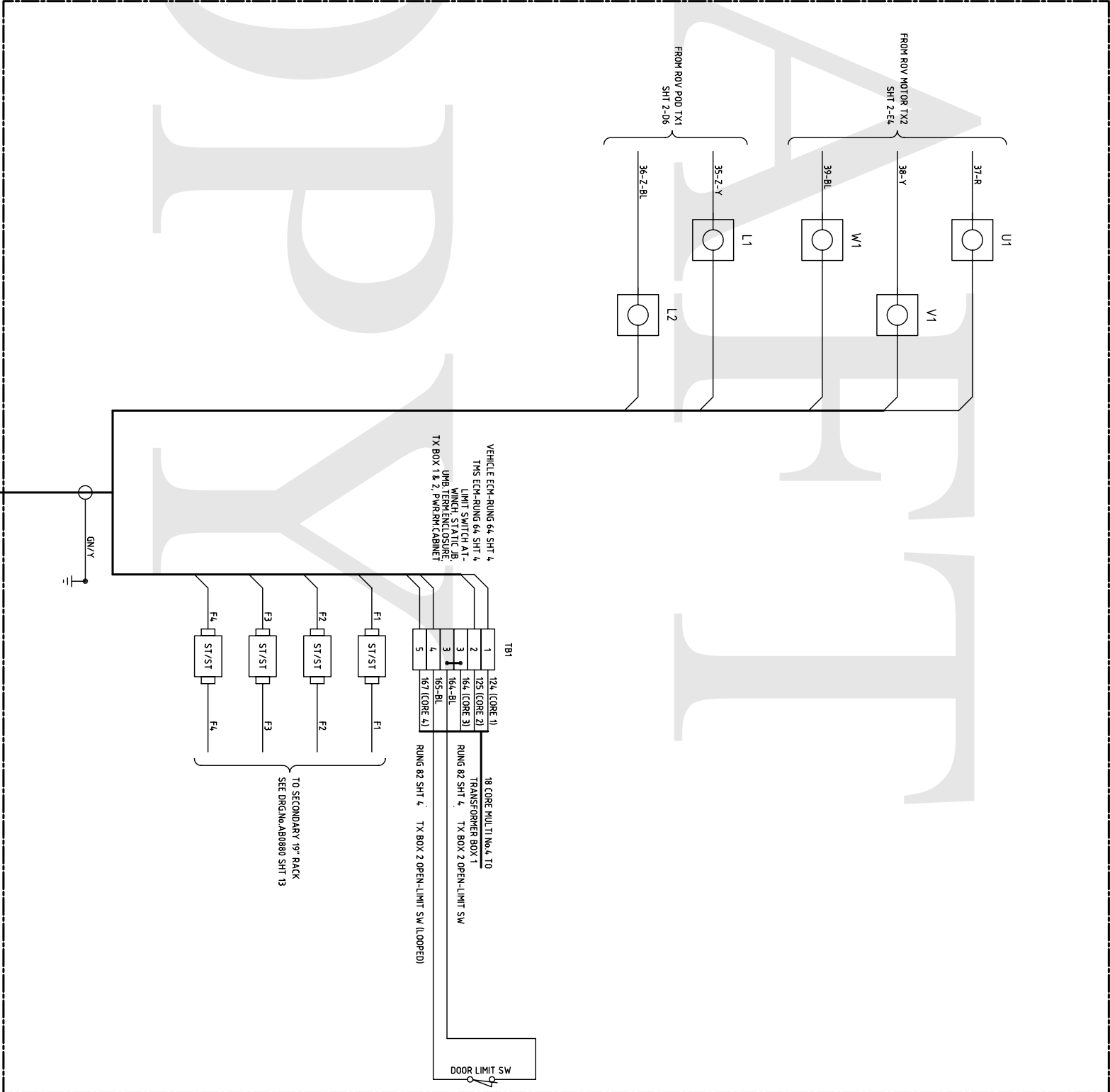
DO2 SPARE



WAGO COUPLER CONFIGURED AS BELOW
ADDRESS = 11, BAUD RATE 19,200

X1 SET 1 X10 SET 1 ON ON																			

UMBILICAL TERMINATION PANEL

ISSUE NO. 0