

1

2

3

4

5

A

B

C

D

E

C903 – CONSOLE DESK

1	FRONT SHEET
2	DOMESTIC DISTRIBUTION
3	24V CONTROL CIRCUITS
4	WAGO EQUIPMENT MOUNTED IN CONTROL DESK
5	FOCAL MULTIPLEXER INTERFACE IN 19" RACK
6	PC EQUIPMENT IN 19" RACK
7	PC & VIDEO EQUIPMENT IN 19" RACK + MONITORS
8	CO-PILOT DESK PLATES
9	TOUCH SCREENS POWER SWITCHES + USB IN 19" RACK
10	EXTERNAL TERMINATIONS
11	
12	
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NOTES-

1. ALL WIRING TO BE 0.5mm – TRI-RATED – TYPE B – UNLESS OTHERWISE STATED.

2. WIRE NUMBERS ALLOCATED TO THIS DRAWING ARE 300 TO 389, LAST WIRE NUMBER USED 386.
UNUSED WIRE Nos. ARE 332, 337-339, 347, 351-355, 382-384, 387-389.

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

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

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

6. LAST FUSE NUMBER USED F19, SPARE IS F10. LAST MCB NUMBER USED MCB6. LAST RELAY NUMBER USED R2.

7. PAIR CABLE NUMBERS USED ON THIS DRG. ARE P1 TO P39.

8. COAX CABLE NUMBERS USED ON THIS DRG. ARE X1 – X5, X7, X9, X11.

9. FIBRE CABLE NUMBERS USED ON THIS DRG. ARE F1 – F3 & SPARES ARE F4 & F5.

10. NETWORK CABLE NUMBERS USED ON THIS DRG. ARE N1-N3, N5 – N7 & SPARE IS N4.

11. VIDEO CABLE NUMBERS USED ON THIS DRG. ARE V1-V4.

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

3

TOP SWITCH

10

S

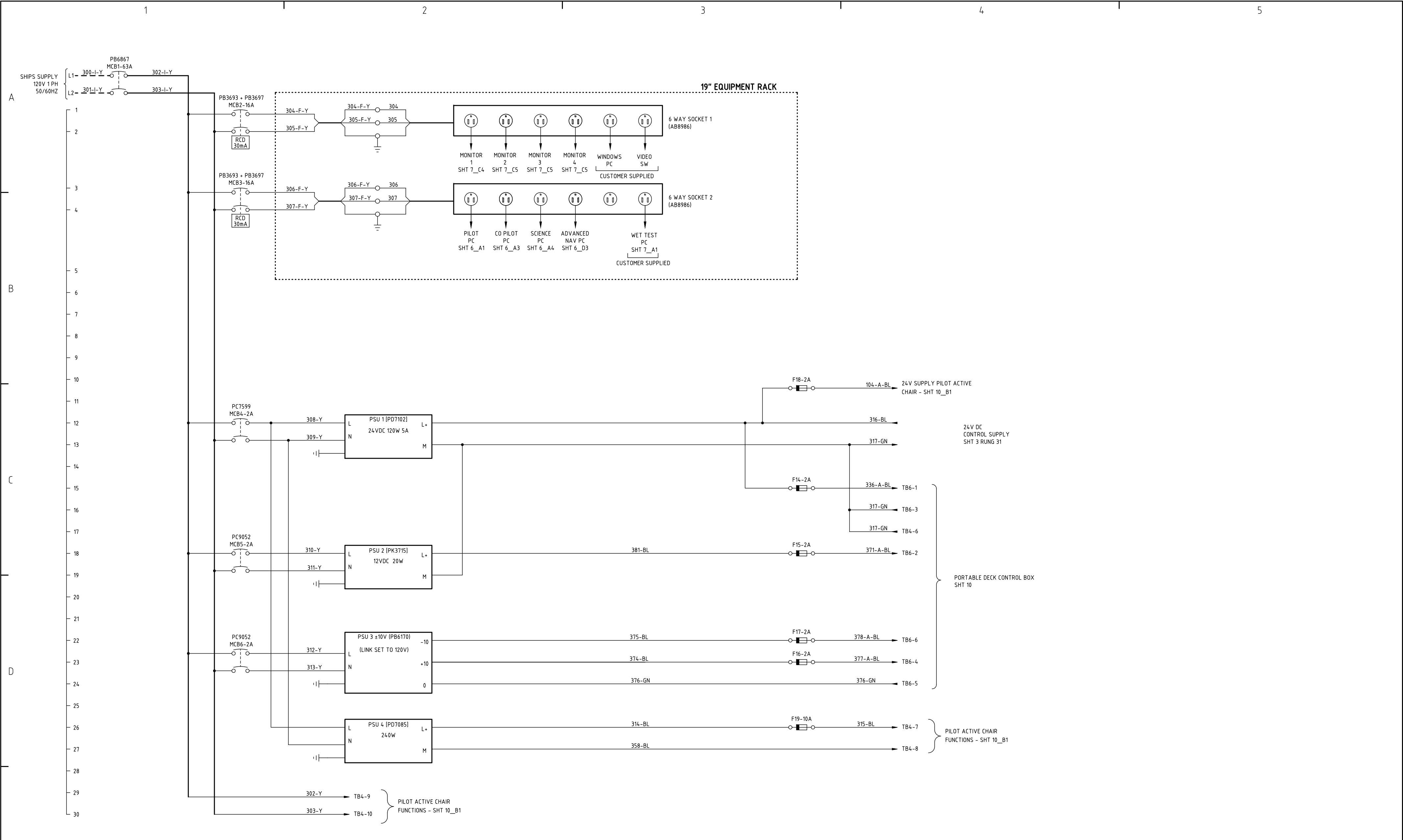
MIDDLE SWITCH

E

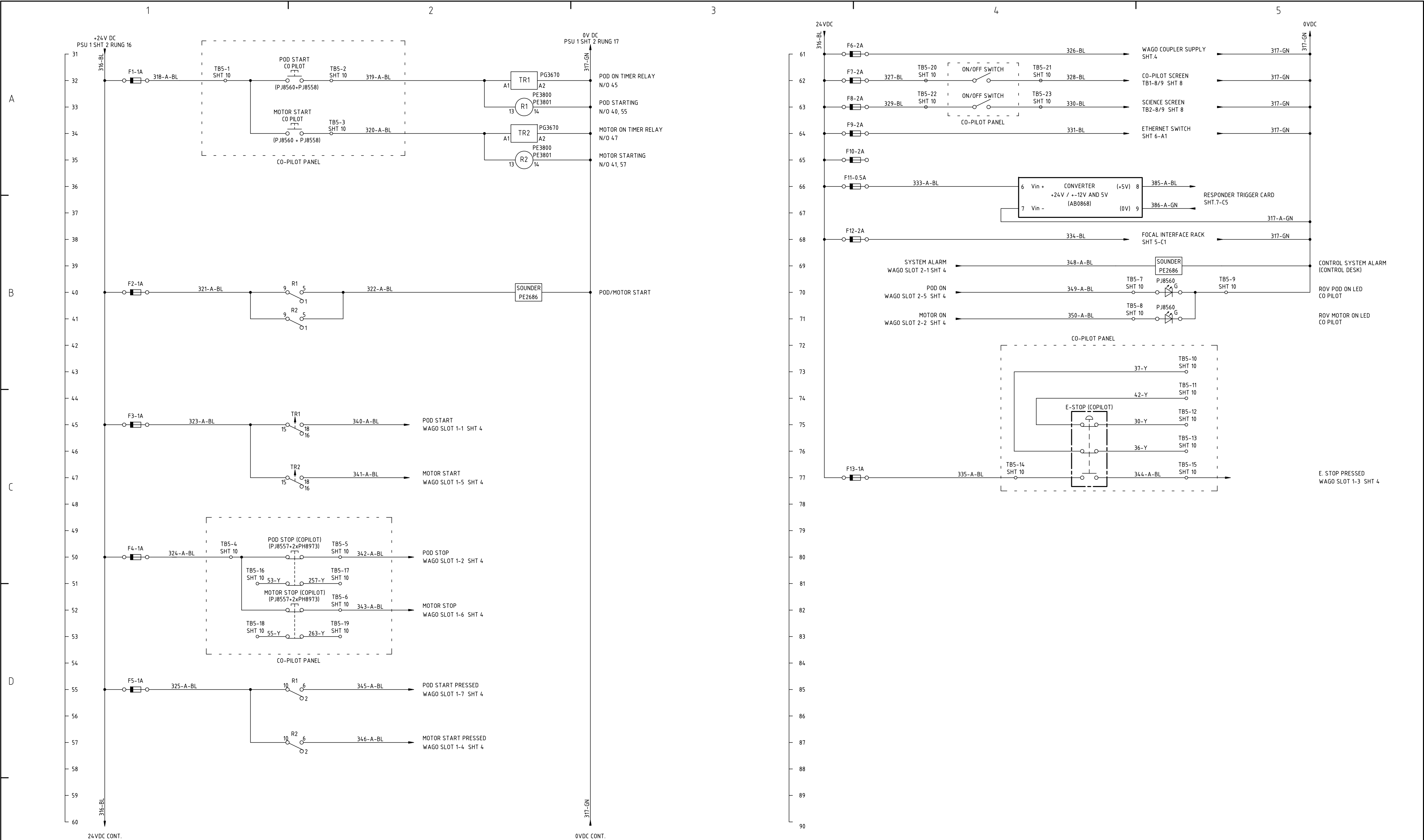
BOTTOM SWITCH

SMD

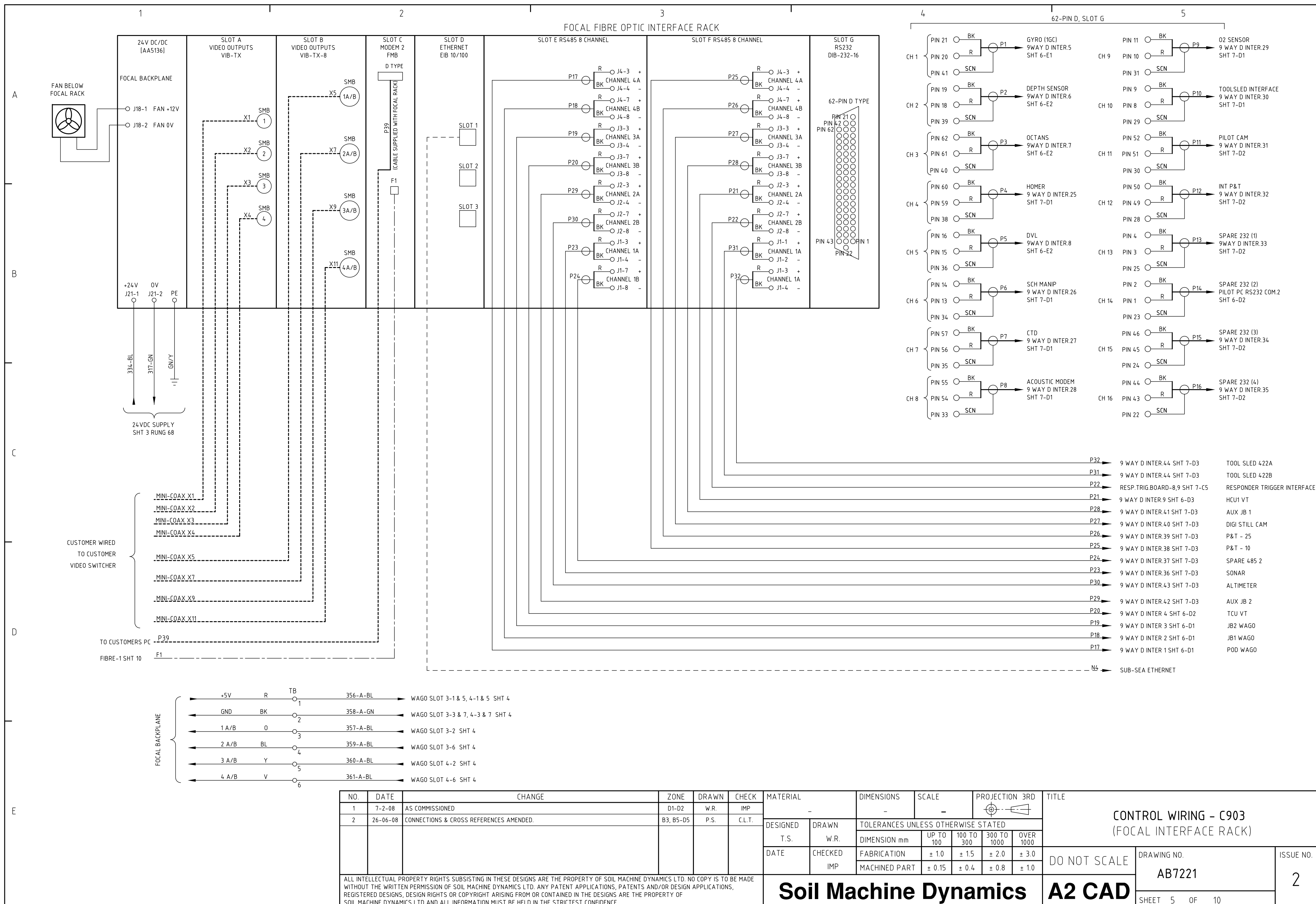
NO.	DATE	CHANGE	ZONE	DRAWN	CHECK	MATERIAL	DIMENSIONS	SCALE	PROJECTION 3RD	TITLE						
1	7-2-08	AS COMMISSIONED	B4-CS	W.R.	IMP	-	-	-		CONTROL WIRING – C903 (FRONT SHEET)						
2	26-06-08	NOTES 2, 6 & 11 AMENDED.	-	P.S.	C.L.T.	DESIGNED T.F.S.	DRAWN W.R.	TOLERANCES UNLESS OTHERWISE STATED								
						DATE 12-12-07	CHECKED IMP	DIMENSION mm	FABRICATION	UP TO 100	100 TO 300	300 TO 1000	OVER 1000	DO NOT SCALE	DRAWING NO. AB7221	ISSUE NO. 2
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						Soil Machine Dynamics				A2 CAD		SHEET 1 OF 10				

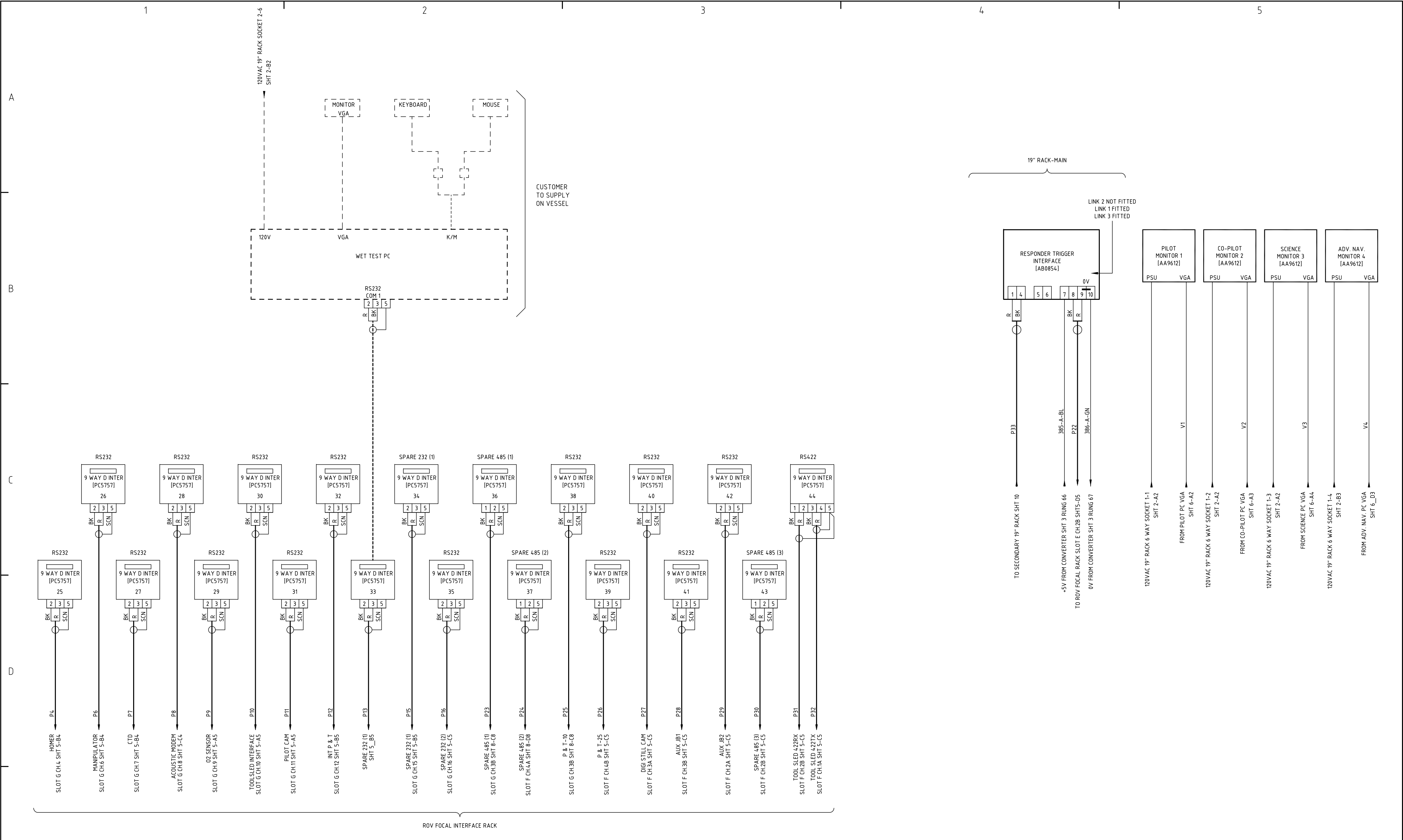


NO.	DATE	CHANGE	ZONE	DRAWN	CHECK	MATERIAL	DIMENSIONS	SCALE	PROJECTION 3RD	TITLE					
1	7-2-08	AS COMMISSIONED - NO CHANGES TO THIS SHEET	-	W.R.	IMP	-	-	-		CONTROL WIRING - C903 (DOMESTIC DISTRIBUTION)					
2	26-06-08	CIRCUIT CHANGES.	C1 - E4	P.S.	C.L.T.	DESIGNED T.F.S.	DRAWN W.R.	TOLERANCES UNLESS OTHERWISE STATED							
								DIMENSION mm	UP TO 100	100 TO 300	300 TO 1000	OVER 1000			
						DATE 12-12-07	CHECKED IMP	FABRICATION	± 1.0	± 1.5	± 2.0	± 3.0	DO NOT SCALE	DRAWING NO. AB7221	ISSUE NO. 2
								MACHINED PART	± 0.15	± 0.4	± 0.8	± 1.0			
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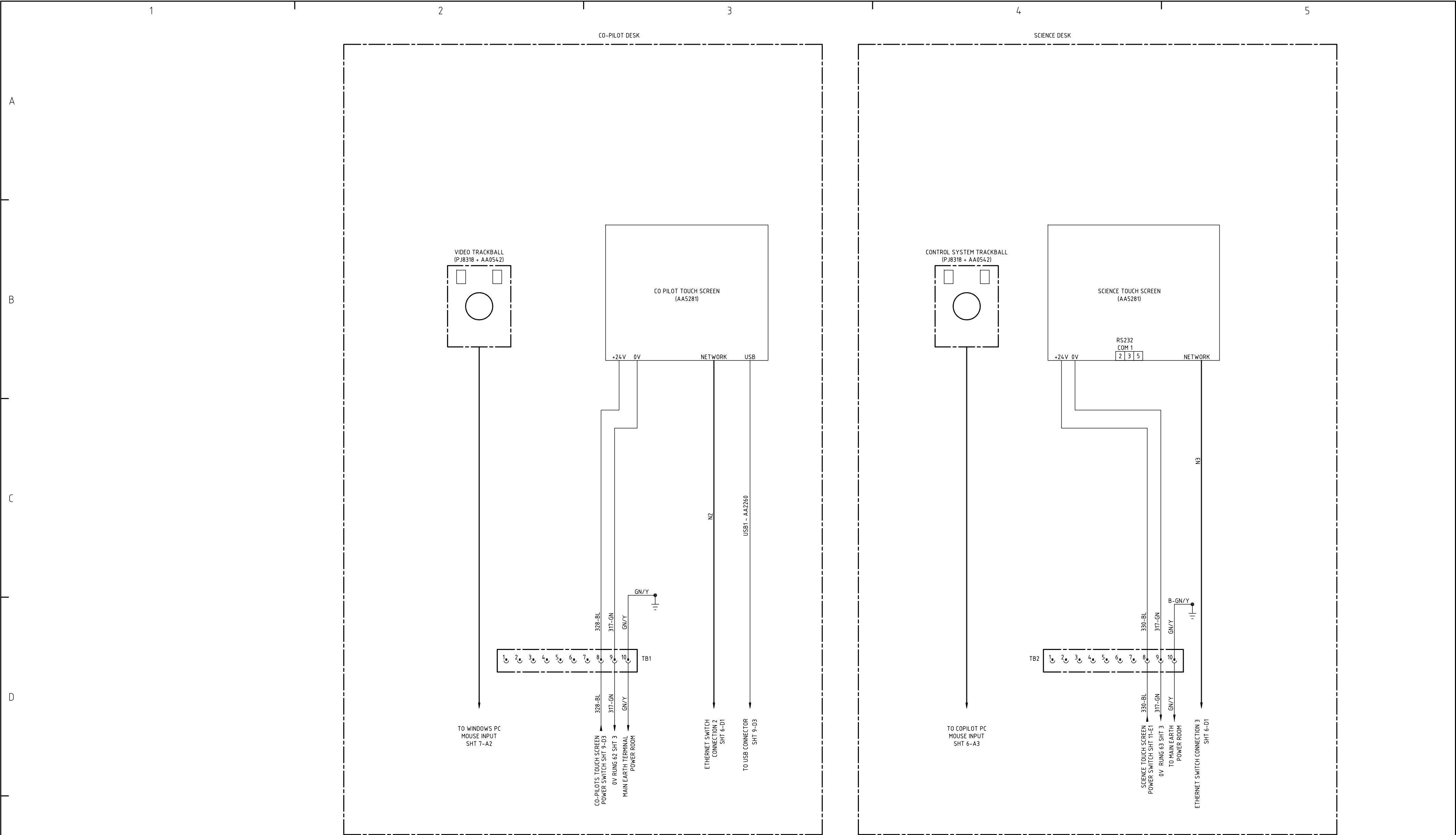


NO.	DATE	CHANGE	ZONE	DRAWN	CHECK	MATERIAL	DIMENSIONS	SCALE	PROJECTION 3RD	TITLE				
1	7-2-08	AS COMMISSIONED	A4-B5	W.R.	IMP	-	-	-		CONTROL WIRING - C903 (24V CONTROL CIRCUITS)				
2	26-06-08	NO CHANGE TO THIS SHEET.	-	P.S.	C.L.T.	DESIGNED T.F.S.	DRAWN W.R.	TOLERANCES UNLESS OTHERWISE STATED						
								DIMENSION mm	UP TO 100	100 TO 300	300 TO 1000	OVER 1000		
						DATE 12-12-07	CHECKED IMP	FABRICATION	± 1.0	± 1.5	± 2.0	± 3.0		
								MACHINED PART	± 0.15	± 0.4	± 0.8	± 1.0		
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														SHEET 3 OF 10





NO.	DATE	CHANGE	ZONE	DRAWN	CHECK	MATERIAL	DIMENSIONS	SCALE	PROJECTION 3RD	TITLE					
1	7-2-08	AS COMMISSIONED	C5	W.R.	IMP	-	-	-		CONTROL WIRING - C903 (PC & VIDEO EQUIPT IN 19" RACK + MONITORS)					
2	26-06-08	P13 - FUNCTION AMENDED.	D2	P.S.	C.L.T.	DESIGNED T.S.	DRAWN W.R.	TOLERANCES UNLESS OTHERWISE STATED							
								DIMENSION mm	UP TO 100	100 TO 300	300 TO 1000	OVER 1000			
						DATE	CHECKED IMP	FABRICATION	± 1.0	± 1.5	± 2.0	± 3.0	DO NOT SCALE	DRAWING NO. AB7221	ISSUE NO. 2
								MACHINED PART	± 0.15	± 0.4	± 0.8	± 1.0			
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NO.	DATE	CHANGE	ZONE	DRAWN	CHECK	MATERIAL	DIMENSIONS	SCALE	PROJECTION 3RD	TITLE					
1	7-2-08	AS COMMISSIONED	D2,D4	W.R.	IMP	-	-	-		CONTROL WIRING - C903 (CO-PILOT DESK PLATES)					
2	26-06-08	NAV. TRACKERBALL ADDED.	B1 - D1	P.S.	C.L.T.	DESIGNED	DRAWN	TOLERANCES UNLESS OTHERWISE STATED							
						T.S.	W.R.	DIMENSION mm	UP TO 100	100 TO 300	300 TO 1000	OVER 1000	DO NOT SCALE	DRAWING NO. AB7221	ISSUE NO. 2
						DATE	CHECKED	FABRICATION	± 1.0	± 1.5	± 2.0	± 3.0			
							IMP	MACHINED PART	± 0.15	± 0.4	± 0.8	± 1.0			
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