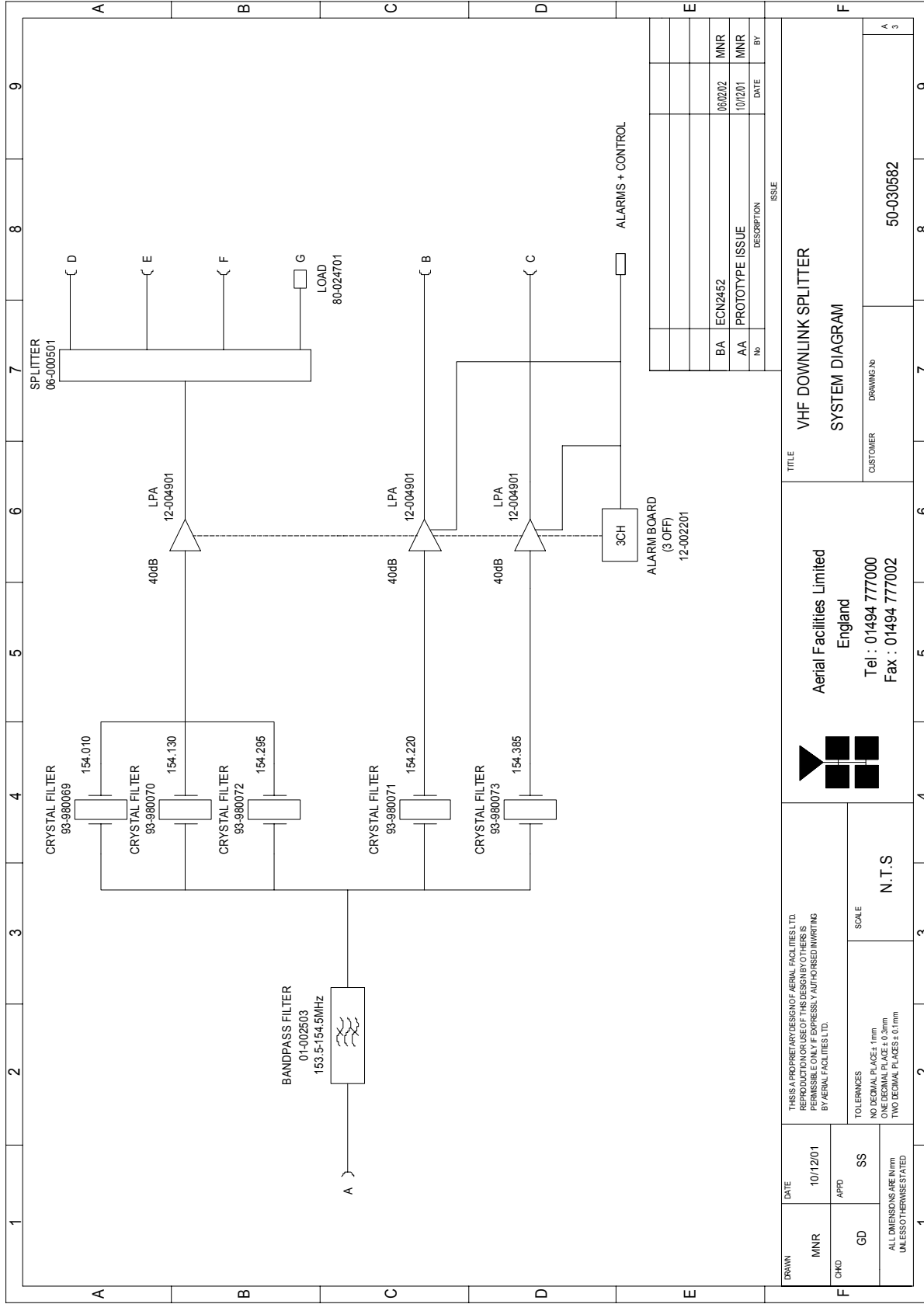
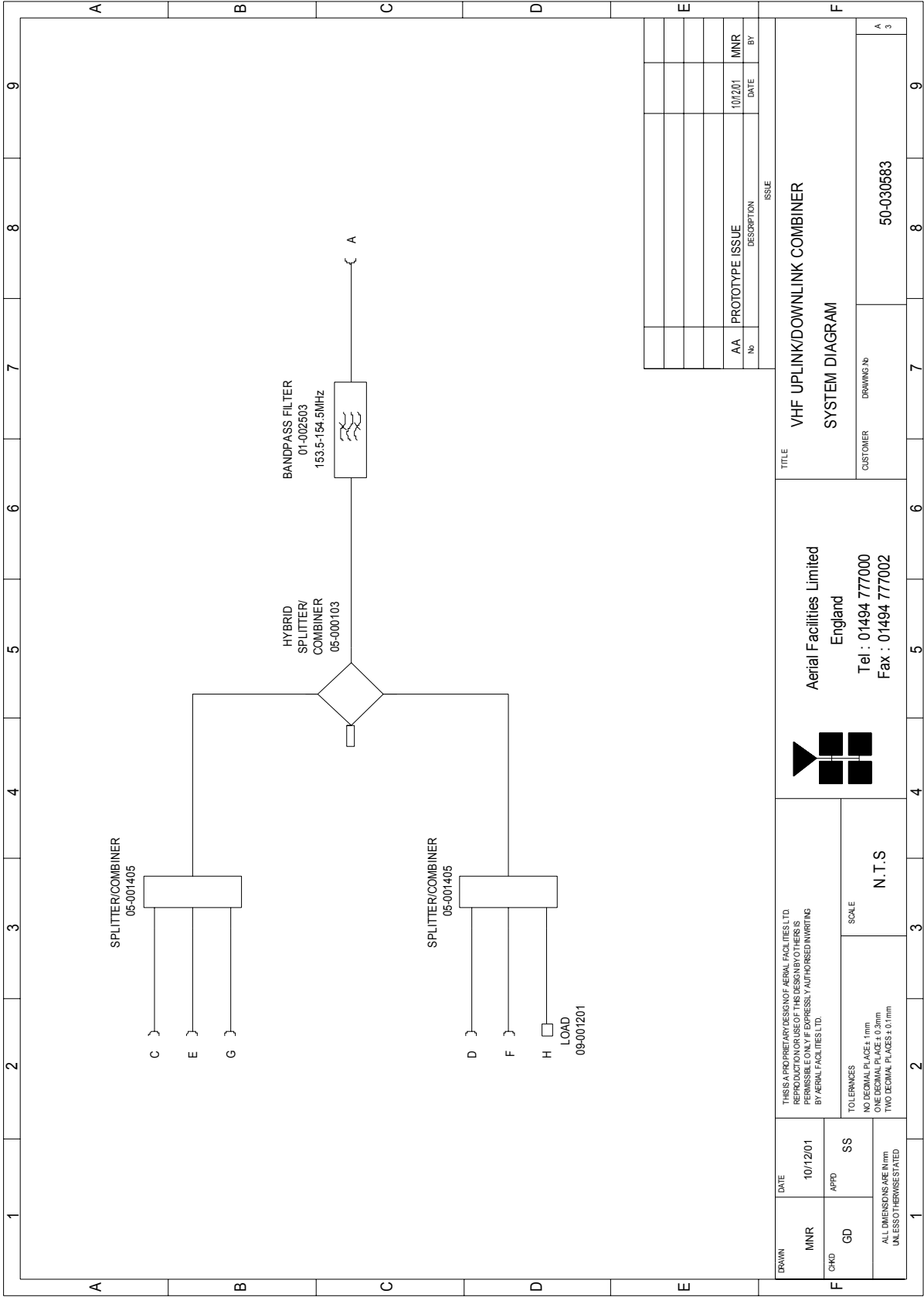
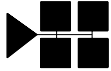




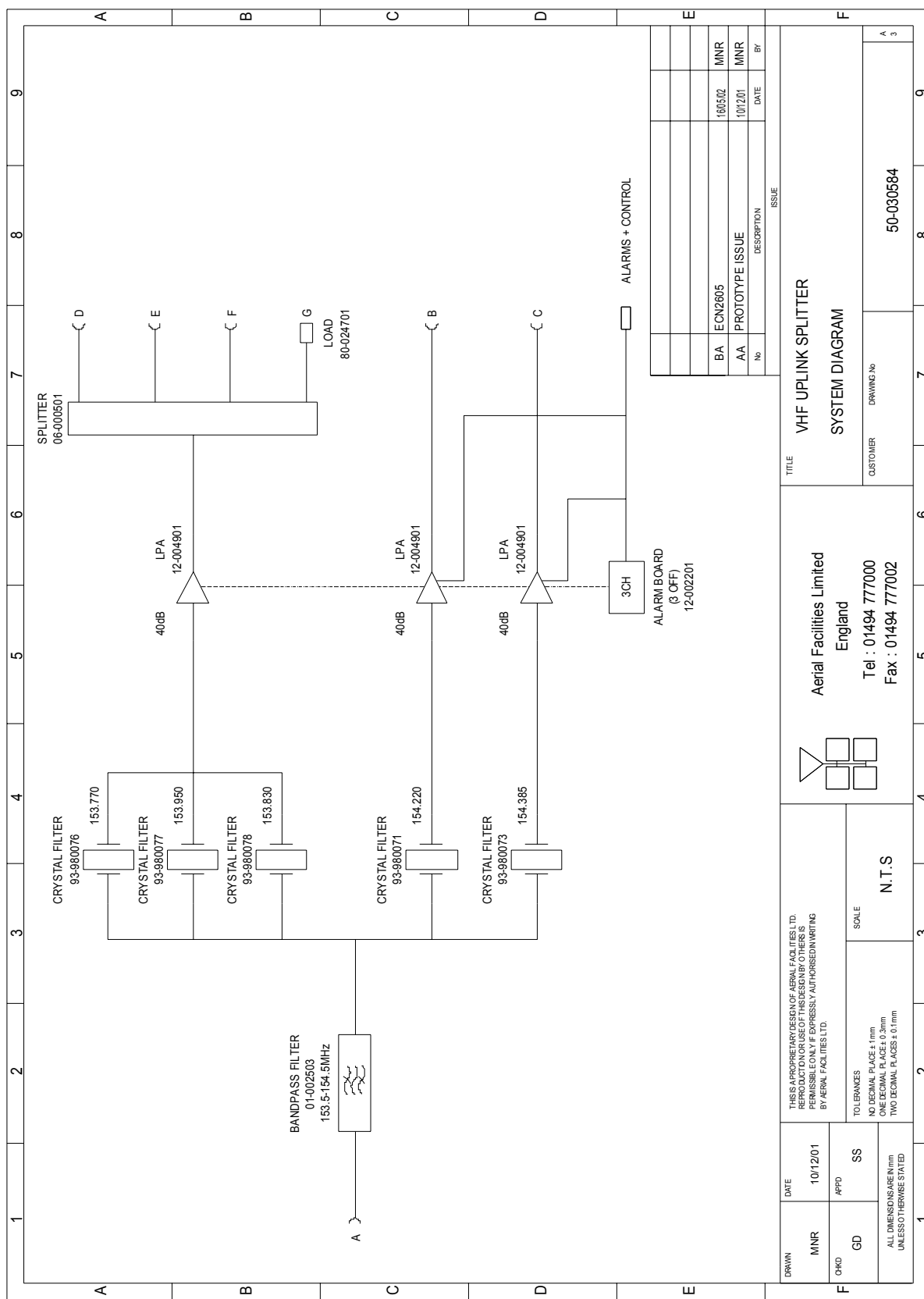


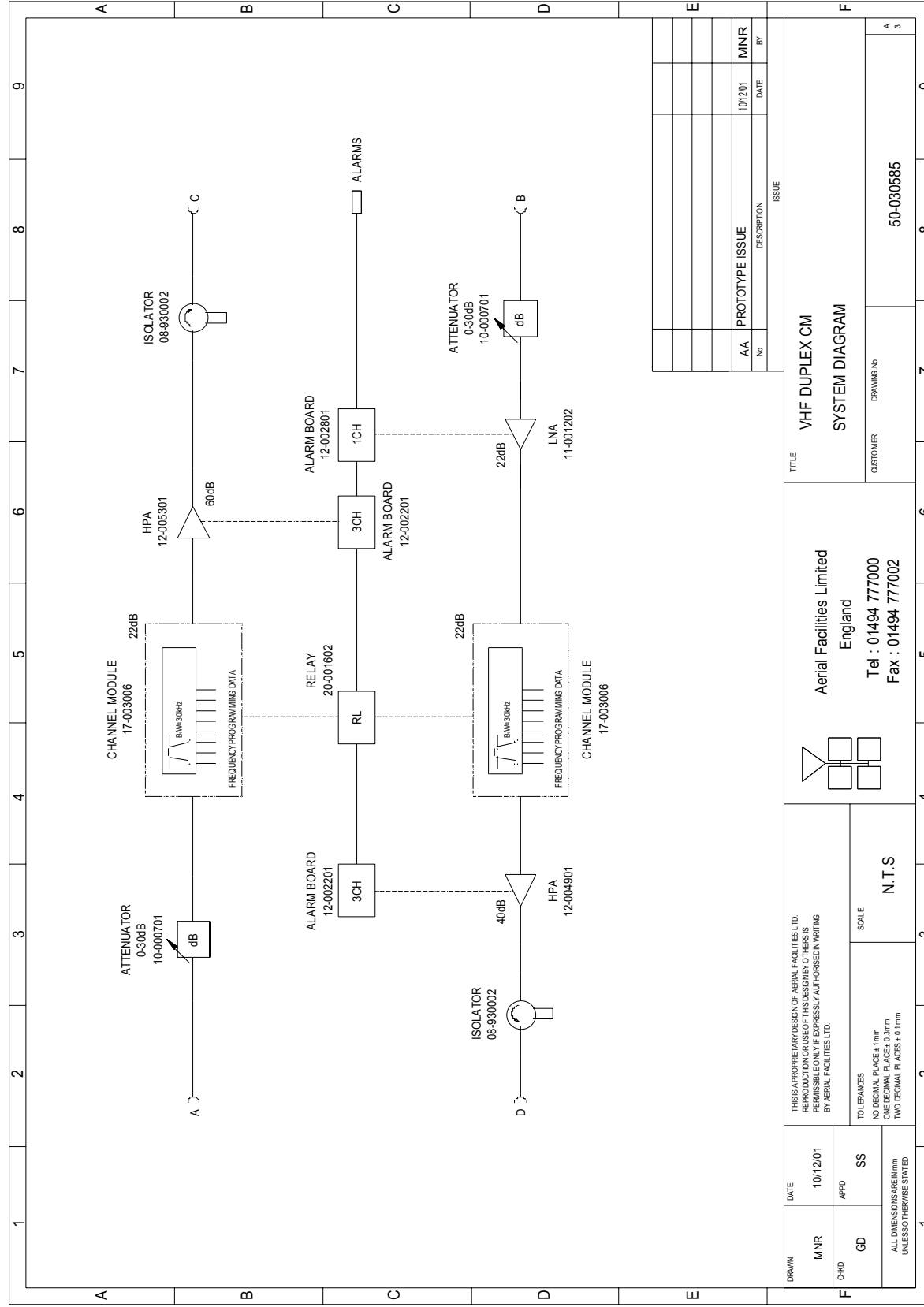
AA	PROTOTYPE ISSUE	10/201	MNR	DATE	BY
No	DESCRIPTION				

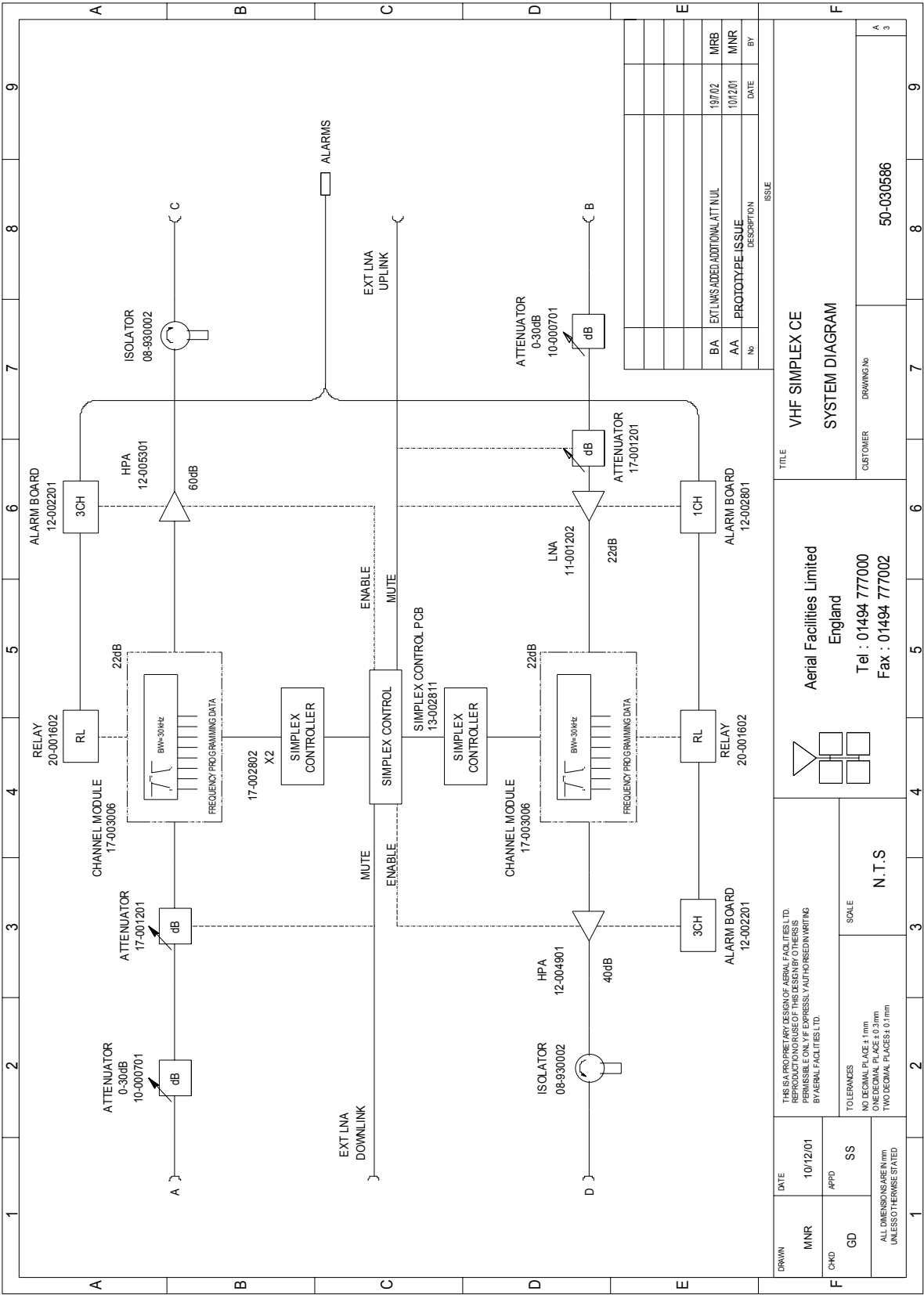
DRAWN		DATE	THIS IS A PROPRIETARY DESIGN OF AERIAL FACILITIES LTD. REPRODUCTION OR USE OF THIS DESIGN BY OTHERS IS PERMISSIBLE ONLY IF EXPRESSLY AUTHORISED IN WRITING BY AERIAL FACILITIES LTD.			TITLE	
MNR		10/12/01				VHF UPLINK/DOWNLINK COMBINER SYSTEM DIAGRAM	
CHKD	GD	APPD	SS	TOLERANCES		CUSTOMER	
ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE STATED		SCALE		N.T.S.		DRAWING No	
						50-030583	

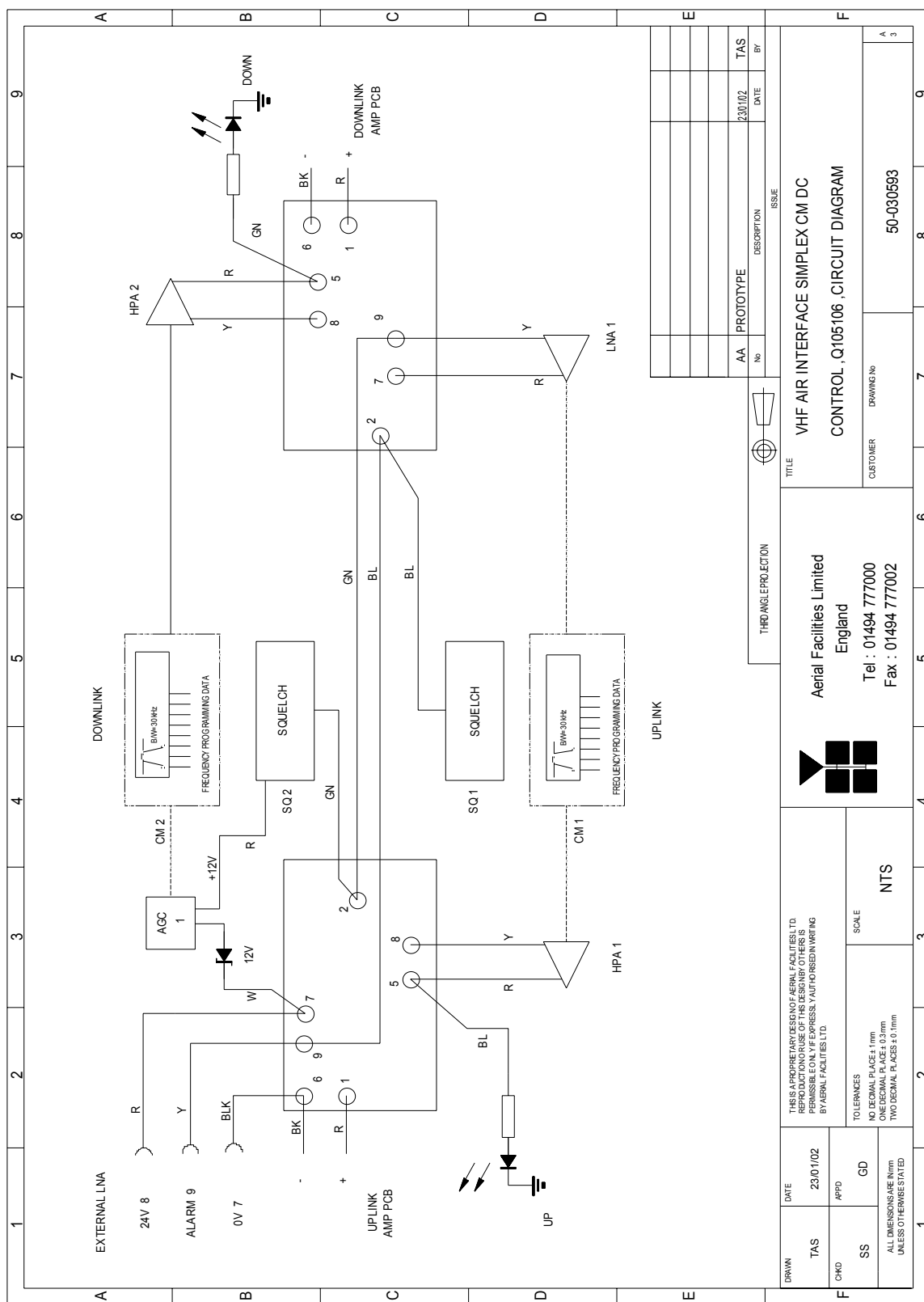


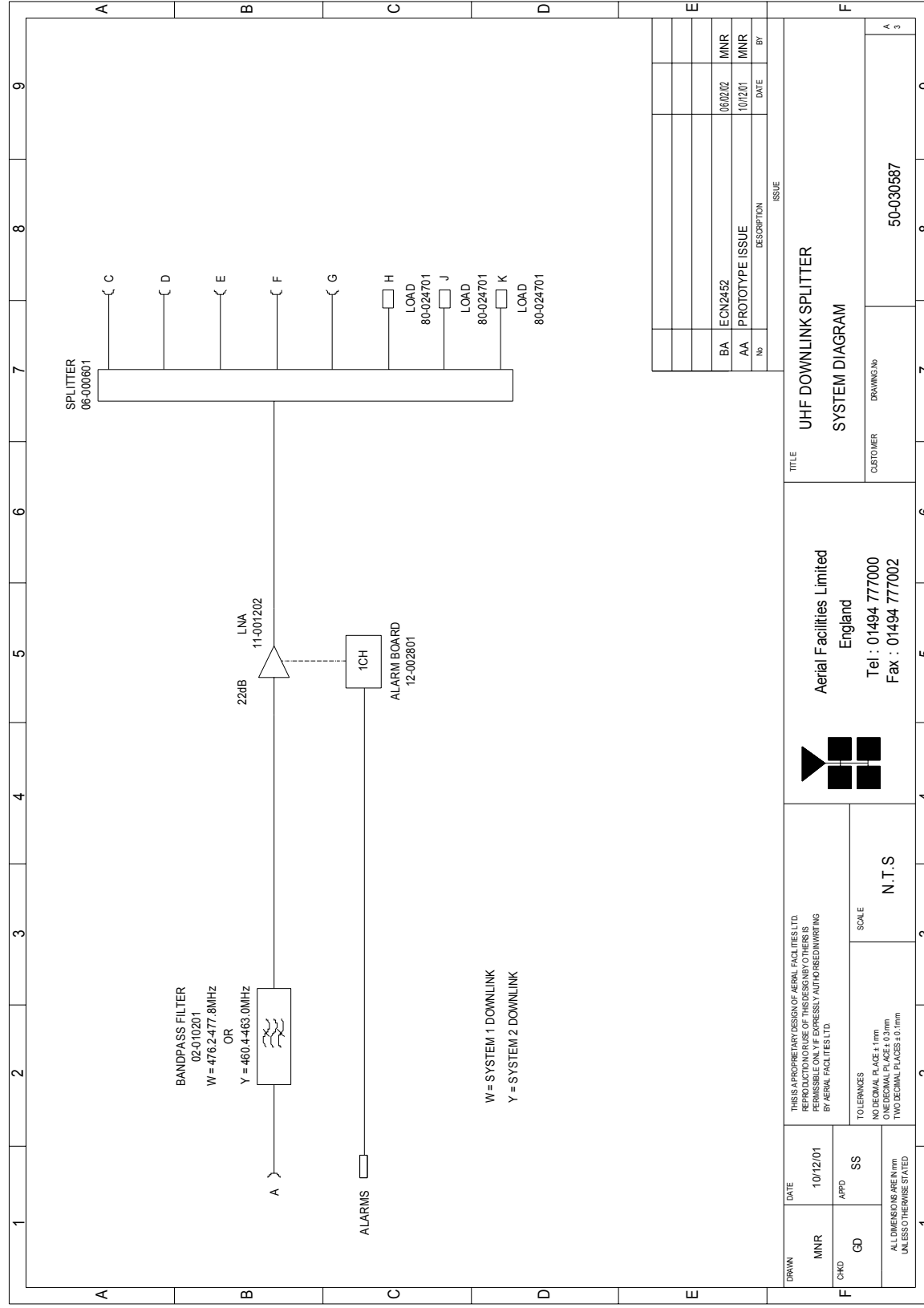
Aerial Facilities Limited
England
Tel : 01494 777000
Fax : 01494 777002



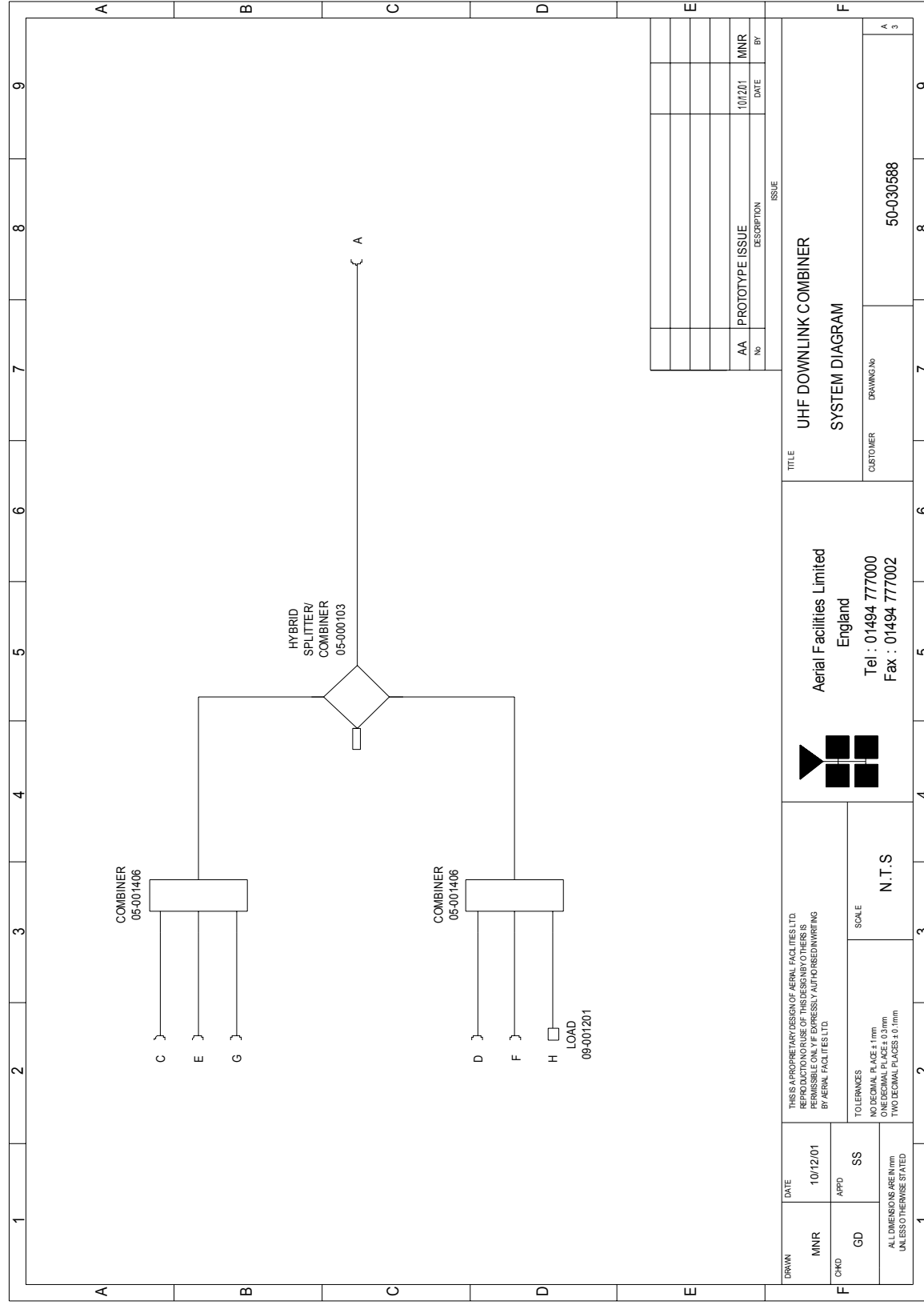


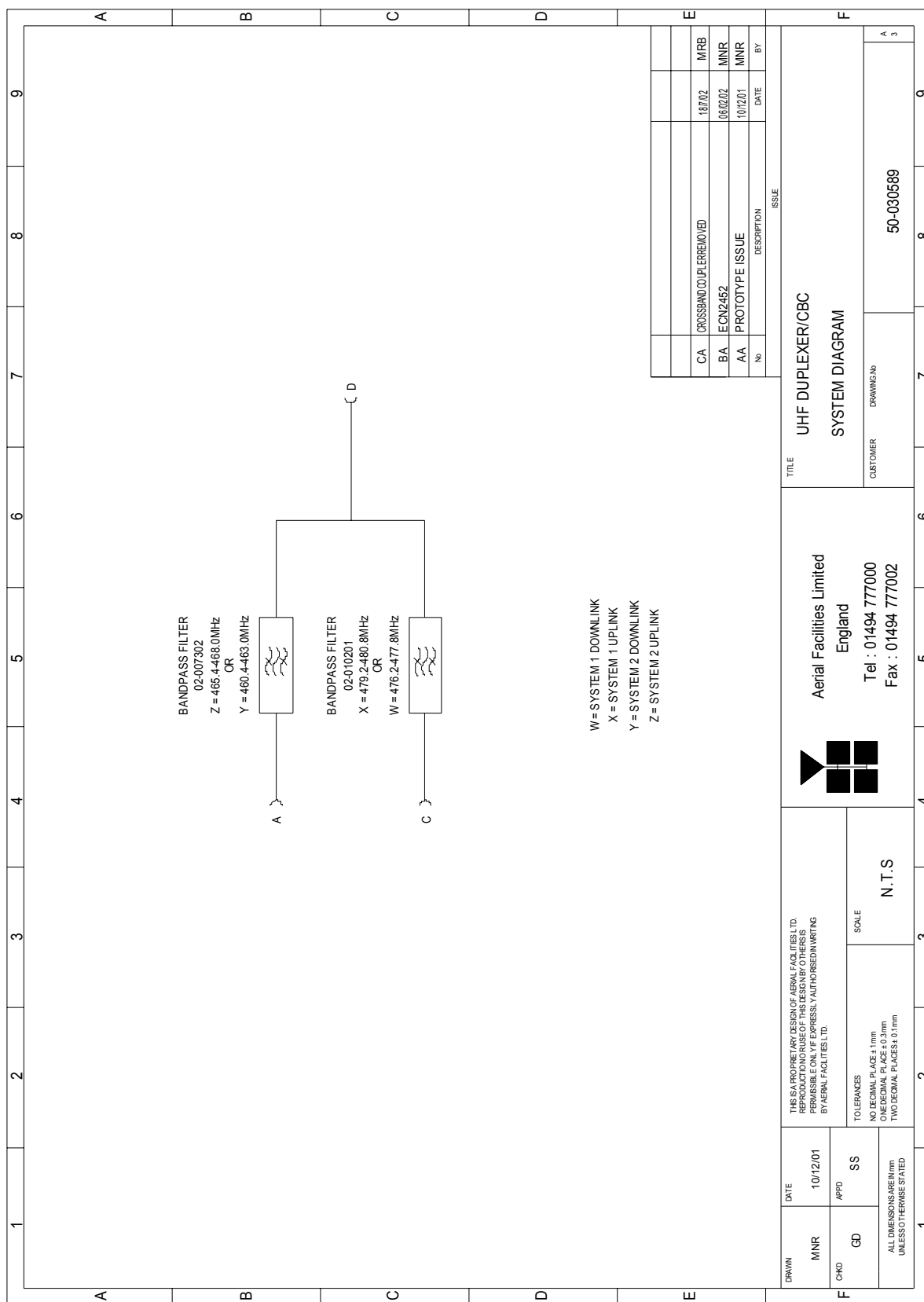


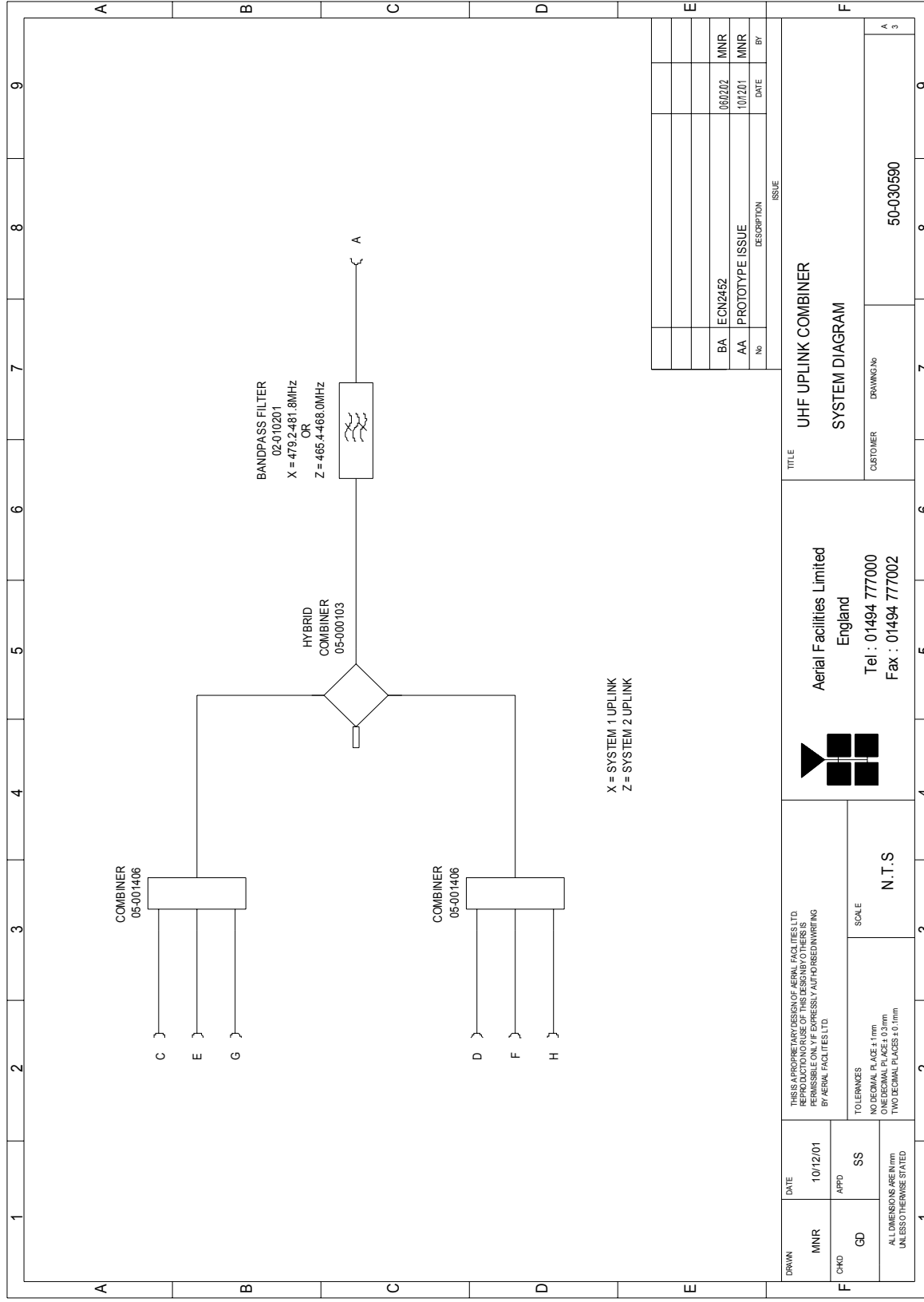


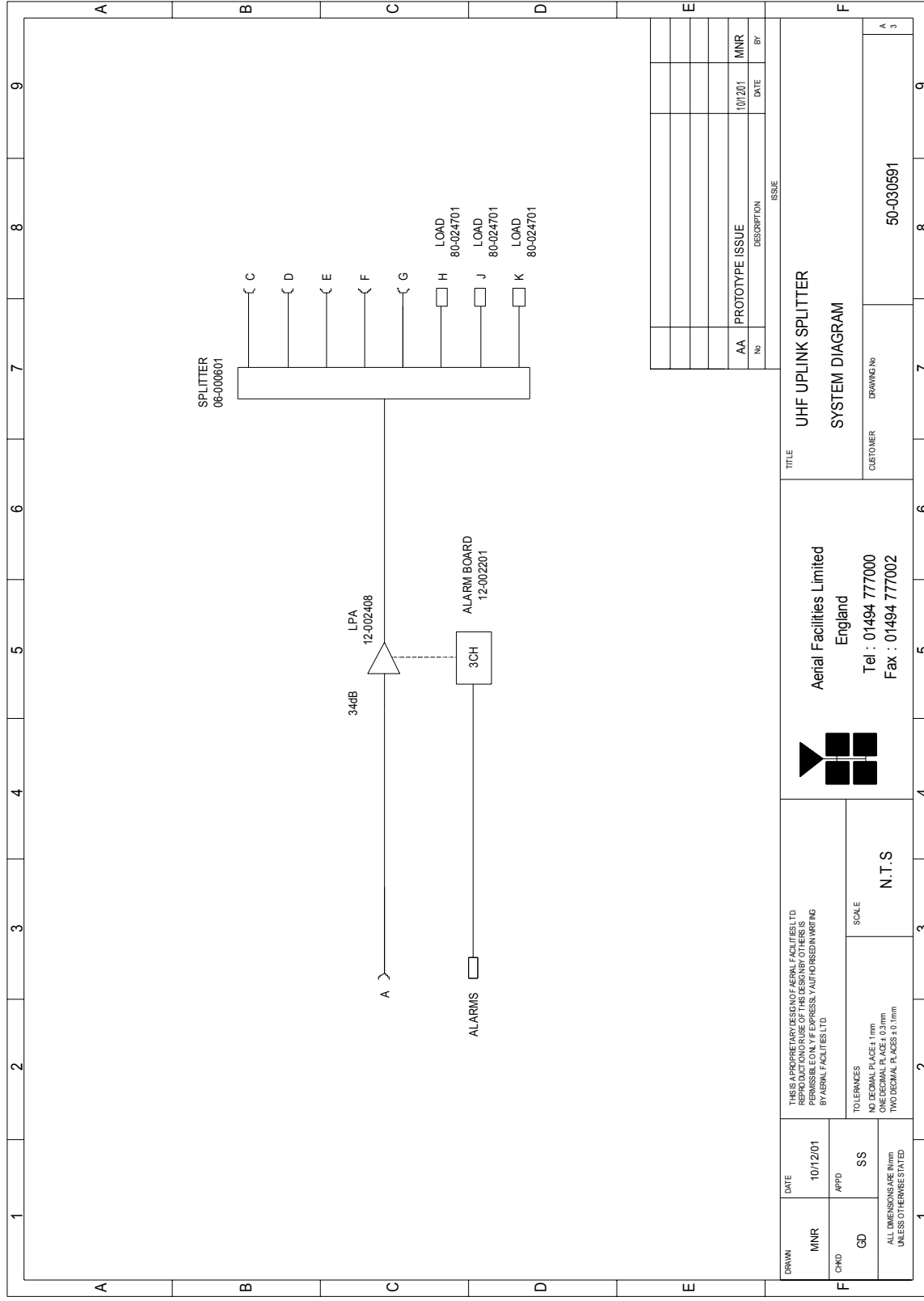


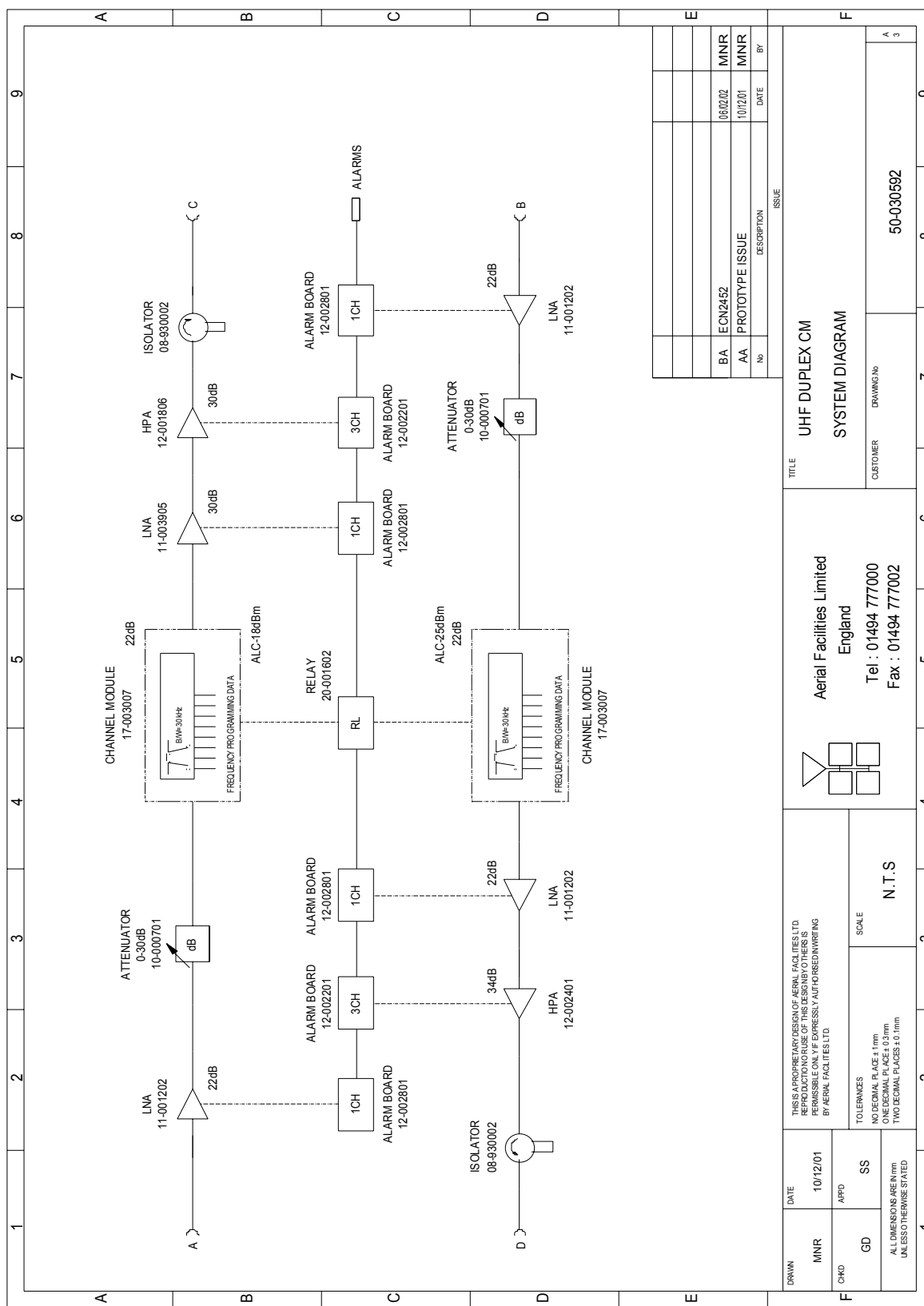
BA	ECON2452	06/02/02	MNR	
AA	PROTOTYPE ISSUE	10/12/01	MNR	
No.	DESCRIPTION	DATE	BY	

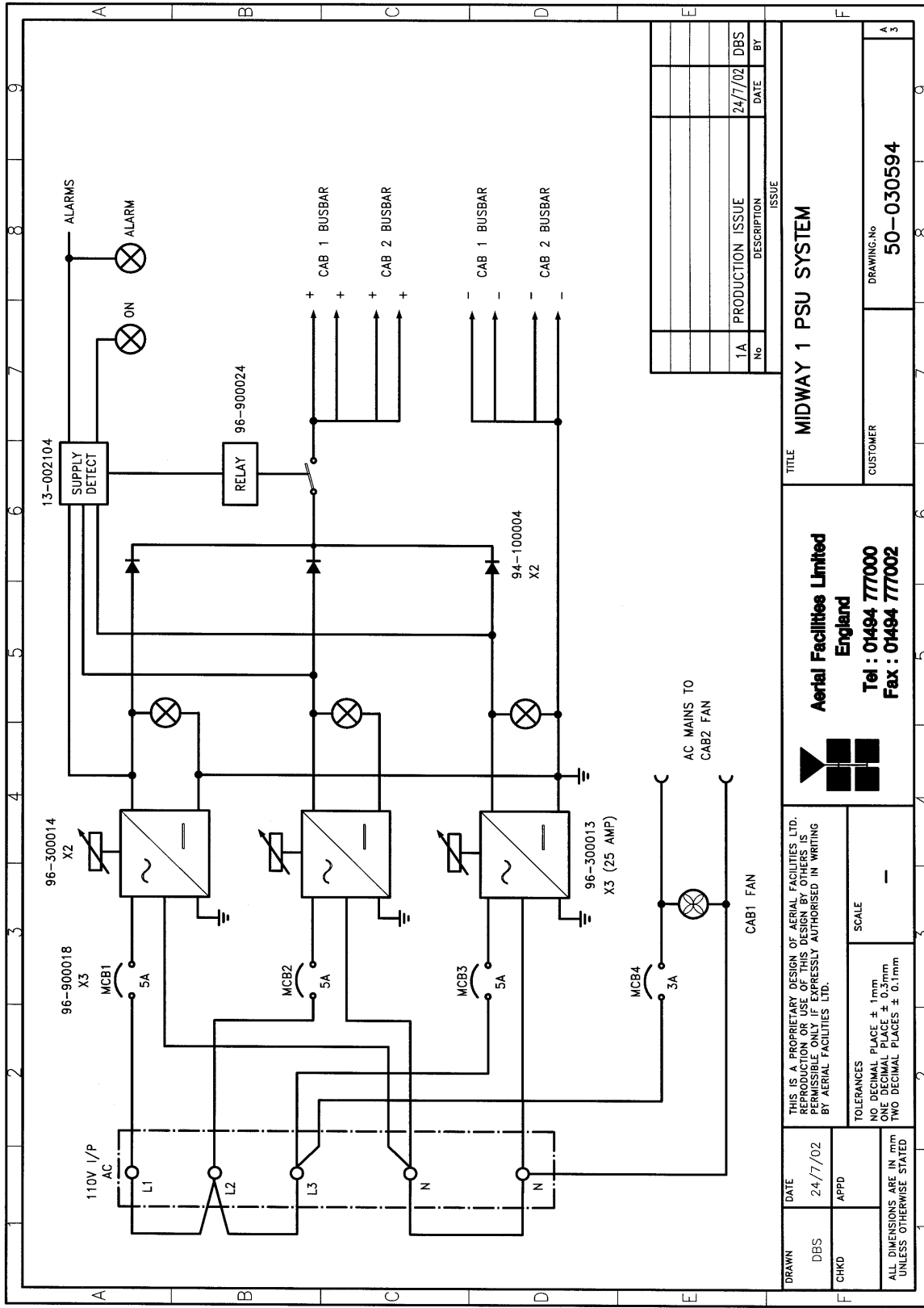






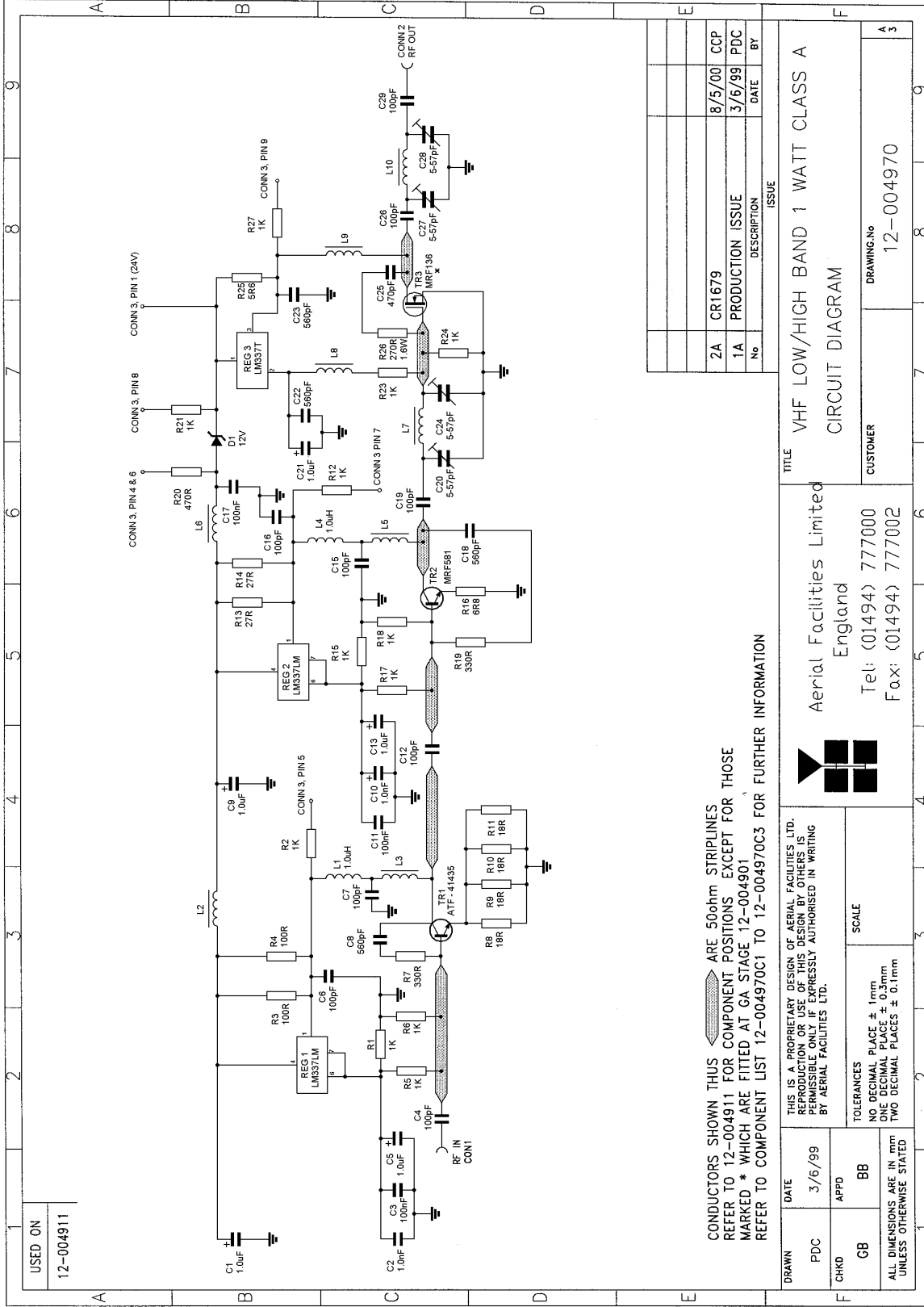


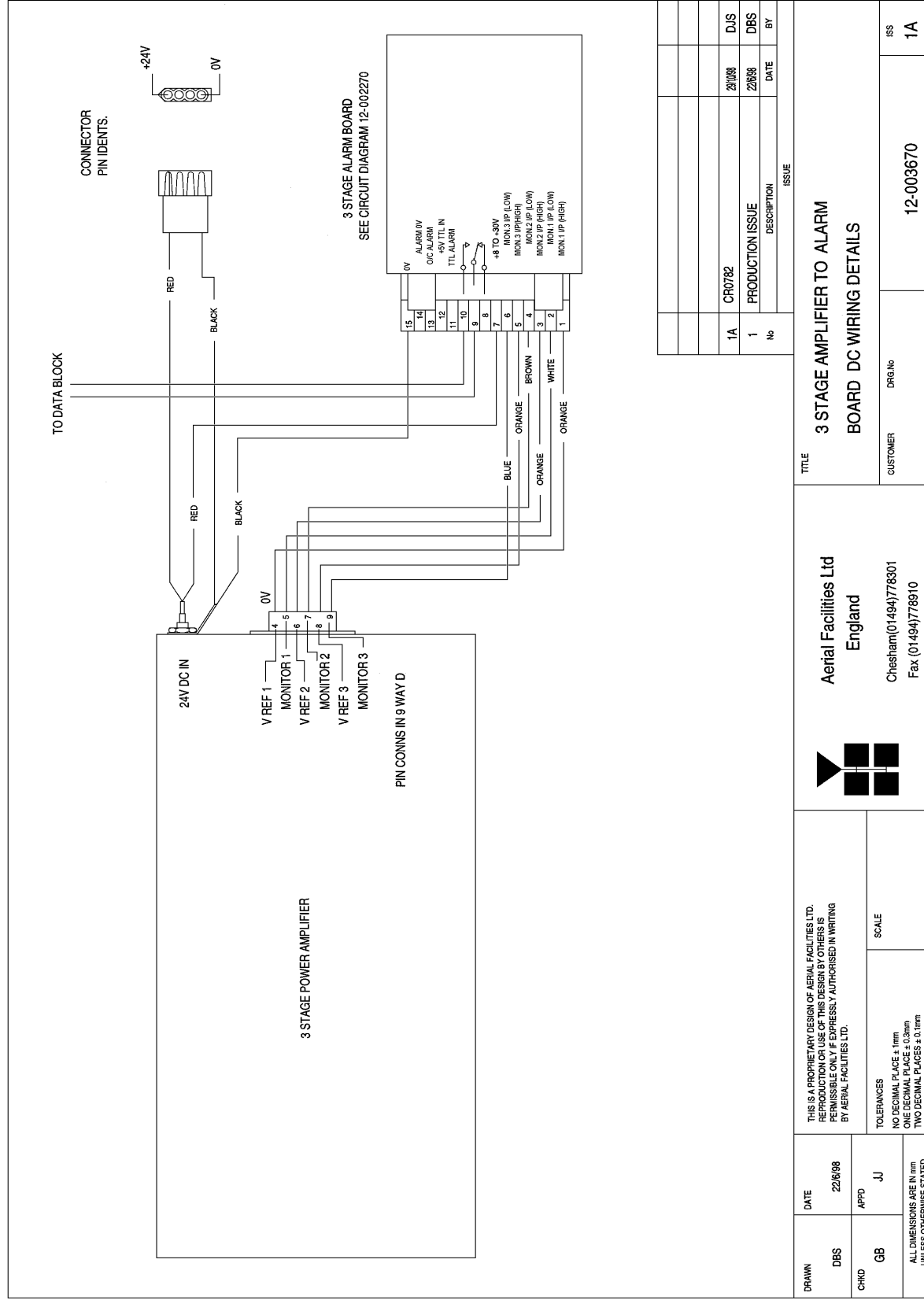
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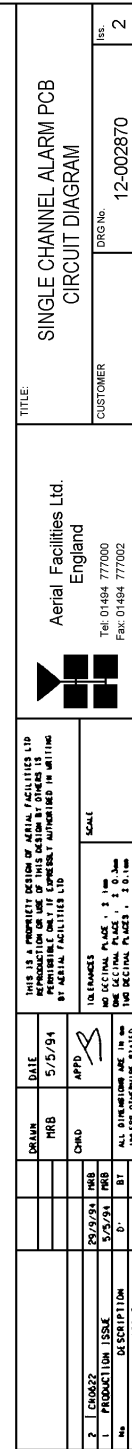
No	DESCRIPTION	DATE	BY
1A	PRODUCTION ISSUE	24/7/02	DBS

DRAWN DBS		DATE 24/7/02	APPD		CHKD		TOLERANCES NO DECIMAL PLACE $\pm 1\text{mm}$ ONE DECIMAL PLACE $\pm 0.3\text{mm}$ TWO DECIMAL PLACES $\pm 0.1\text{mm}$		SCALE —		THIS IS A PROPRIETARY DESIGN OF AERIAL FACILITIES LTD. REPRODUCTION OR USE OF THIS DESIGN BY OTHERS IS PERMISSIBLE ONLY IF EXPRESSLY AUTHORISED IN WRITING BY AERIAL FACILITIES LTD.		 Aerial Facilities Limited England Tel : 01494 777000 Fax : 01494 777002		TITLE MIDWAY 1 PSU SYSTEM		ISSUE	
ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE STATED		CUSTOMER		DRAWING No 50-030594		A 3												

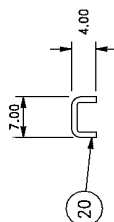




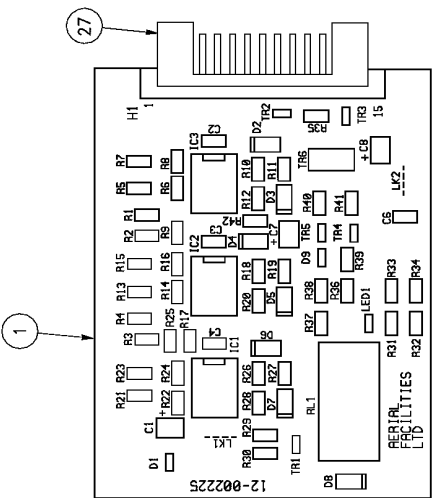
1A	CRO782	20/0698	DJS	
1	PRODUCTION ISSUE	20/0698	DBS	
No		DATE	BY	ISSUE



COMP. REF.	AL. STOCK REF.	DESCRIPTION	QTY	AL. STOCK REF.	DESCRIPTION	USED ON
R1	93-630040	1.80K 0.125W 2% CHIP RESISTOR		TR4	60W71 NPN TRANSISTOR SMD	
R2	93-630024	120K 0.125W 2% CHIP RESISTOR		TR5	60W71 NPN TRANSISTOR SMD	
R3	93-630024	120K 0.125W 2% CHIP RESISTOR		TR6	60W71 NPN TRANSISTOR SMD	
R4	93-630047	3.60K 0.125W 2% CHIP RESISTOR		IC1	94-210001	
R5	93-640003	100K PRECISION RESISTOR 0.1%		IC2	94-210001	
R6	93-640003	100K PRECISION RESISTOR 0.1%		IC3	94-210001	
R7	93-640003	100K PRECISION RESISTOR 0.1%		RL1	98-600004	
R8	93-640003	100K PRECISION RESISTOR 0.1%		HI	91-700016	
R9	93-630037	10K 0.125W 2% CHIP RESISTOR				
R10	93-630037	2700K 0.125W 2% CHIP RESISTOR				
R11	93-630037	2700K 0.125W 2% CHIP RESISTOR				
R12	93-630037	2700K 0.125W 2% CHIP RESISTOR				
R13	93-640003	100K PRECISION RESISTOR 0.1%				
R14	93-640003	100K PRECISION RESISTOR 0.1%				
R15	93-640003	100K PRECISION RESISTOR 0.1%				
R16	93-640003	100K PRECISION RESISTOR 0.1%				
R17	93-630037	10K 0.125W 2% CHIP RESISTOR				
R18	93-630037	2700K 0.125W 2% CHIP RESISTOR				
R19	93-630037	2700K 0.125W 2% CHIP RESISTOR				
R20	93-630037	2700K 0.125W 2% CHIP RESISTOR				
R21	93-640003	100K PRECISION RESISTOR 0.1%				
R22	93-640003	100K PRECISION RESISTOR 0.1%				
R23	93-640003	100K PRECISION RESISTOR 0.1%				
R24	93-640003	100K PRECISION RESISTOR 0.1%				
R25	93-630037	10K 0.125W 2% CHIP RESISTOR				
R26	93-630037	2700K 0.125W 2% CHIP RESISTOR				
R27	93-630037	2700K 0.125W 2% CHIP RESISTOR				
R28	93-630037	2700K 0.125W 2% CHIP RESISTOR				
R29	93-630049	4.70K 0.125W 2% CHIP RESISTOR				
R30	93-630042	2.20K 0.125W 2% CHIP RESISTOR				
R31	93-630053	10K 0.125W 2% CHIP RESISTOR				
R32	93-630049	4.70K 0.125W 2% CHIP RESISTOR				
R33	93-630053	10K 0.125W 2% CHIP RESISTOR				
R34	93-630049	4.70K 0.125W 2% CHIP RESISTOR				
R35	93-630037	10K 0.125W 2% CHIP RESISTOR				
R36	93-630045	30K 0.125W 2% CHIP RESISTOR				
R37	93-630045	2.40K 0.125W 2% CHIP RESISTOR				
R38	93-630037	10K 0.125W 2% CHIP RESISTOR				
R39	93-630033	560K 0.125W 2% CHIP RESISTOR				
R40	93-630042	2.20K 0.125W 2% CHIP RESISTOR				
R41	93-630057	270K 0.125W 2% CHIP RESISTOR				
R42	93-630049	4.70K 0.125W 2% CHIP RESISTOR				
C1	93-640004	1uF TANTALUM CHIP CAP 35V SMD				
C2	93-630021	100nF 63V 10% CHIP CAPACITOR				
C3	93-630021	100nF 63V 10% CHIP CAPACITOR				
C4	93-630021	100nF 63V 10% CHIP CAPACITOR				
C5	93-630021	100nF 63V 10% CHIP CAPACITOR				
C6	93-630021	100nF 63V 10% CHIP CAPACITOR				
C7	93-640004	1uF TANTALUM CHIP CAP 35V SMD				
C8	93-640004	1uF TANTALUM CHIP CAP 35V SMD				
D1	94-150003	1.5W VOLTAGE REFERENCE DIODE				
D2	94-150001	LL4148 GP MINIMELT DIODE SMD				
D3	94-150001	LL4148 GP MINIMELT DIODE SMD				
D4	94-150001	LL4148 GP MINIMELT DIODE SMD				
D5	94-150001	LL4148 GP MINIMELT DIODE SMD				
D6	94-150001	LL4148 GP MINIMELT DIODE SMD				
D7	94-150001	LL4148 GP MINIMELT DIODE SMD				
D8	94-150001	LL4148 GP MINIMELT DIODE SMD				
D9	94-150001	LL4148 GP MINIMELT DIODE SMD				
LED1	99-700008	GREEN LED SMD				
TR1	94-620007	60W71 NPN TRANSISTOR SMD				
TR2	94-620007	60W71 NPN TRANSISTOR SMD				
TR3	94-620007	60W71 NPN TRANSISTOR SMD				

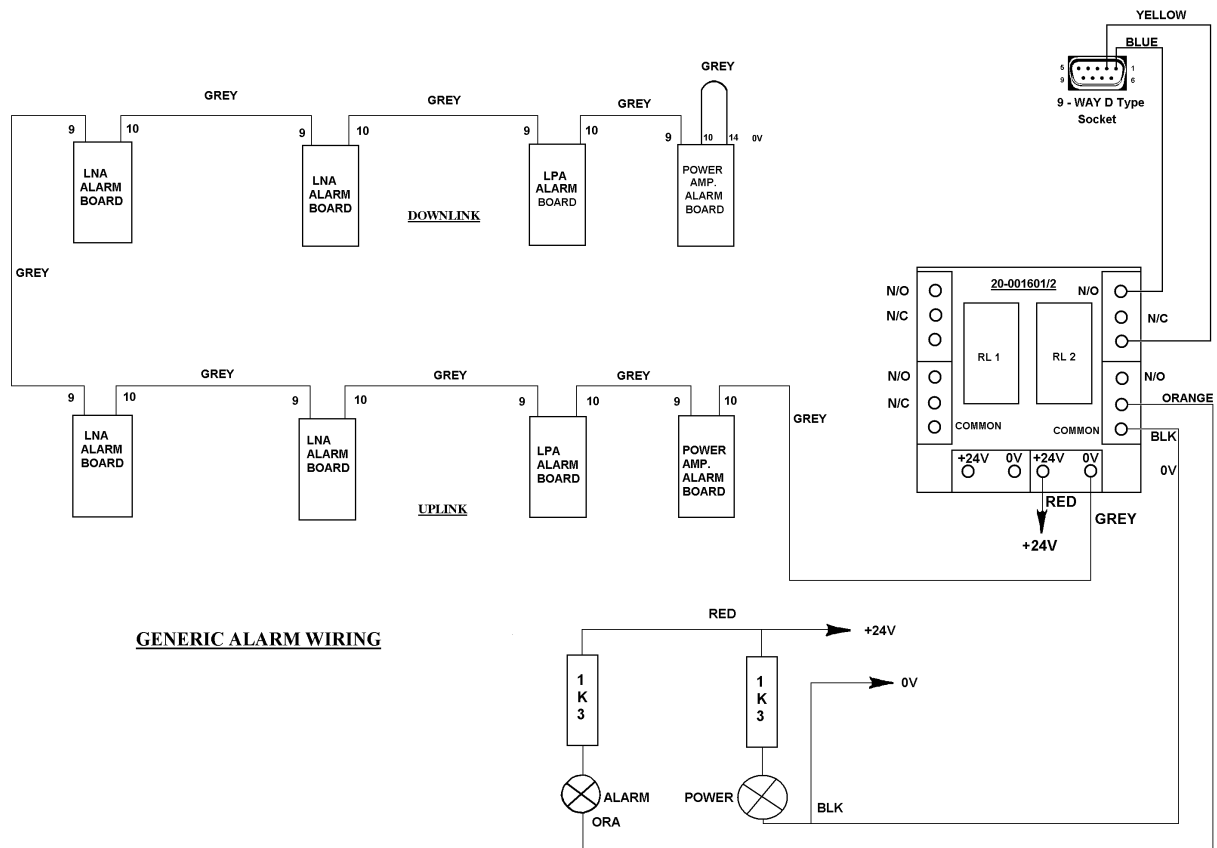


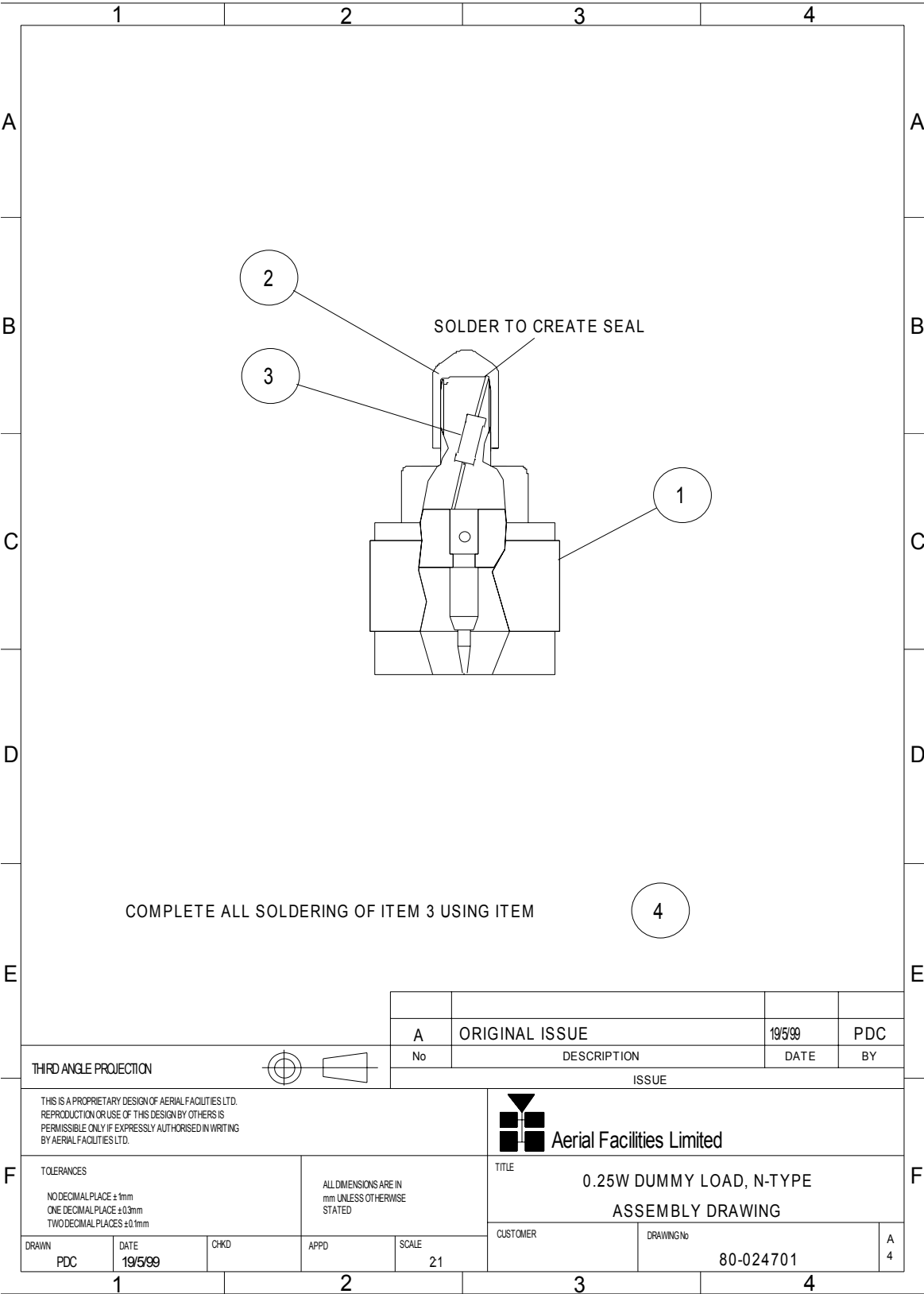
DETAIL OF LK1/LK2

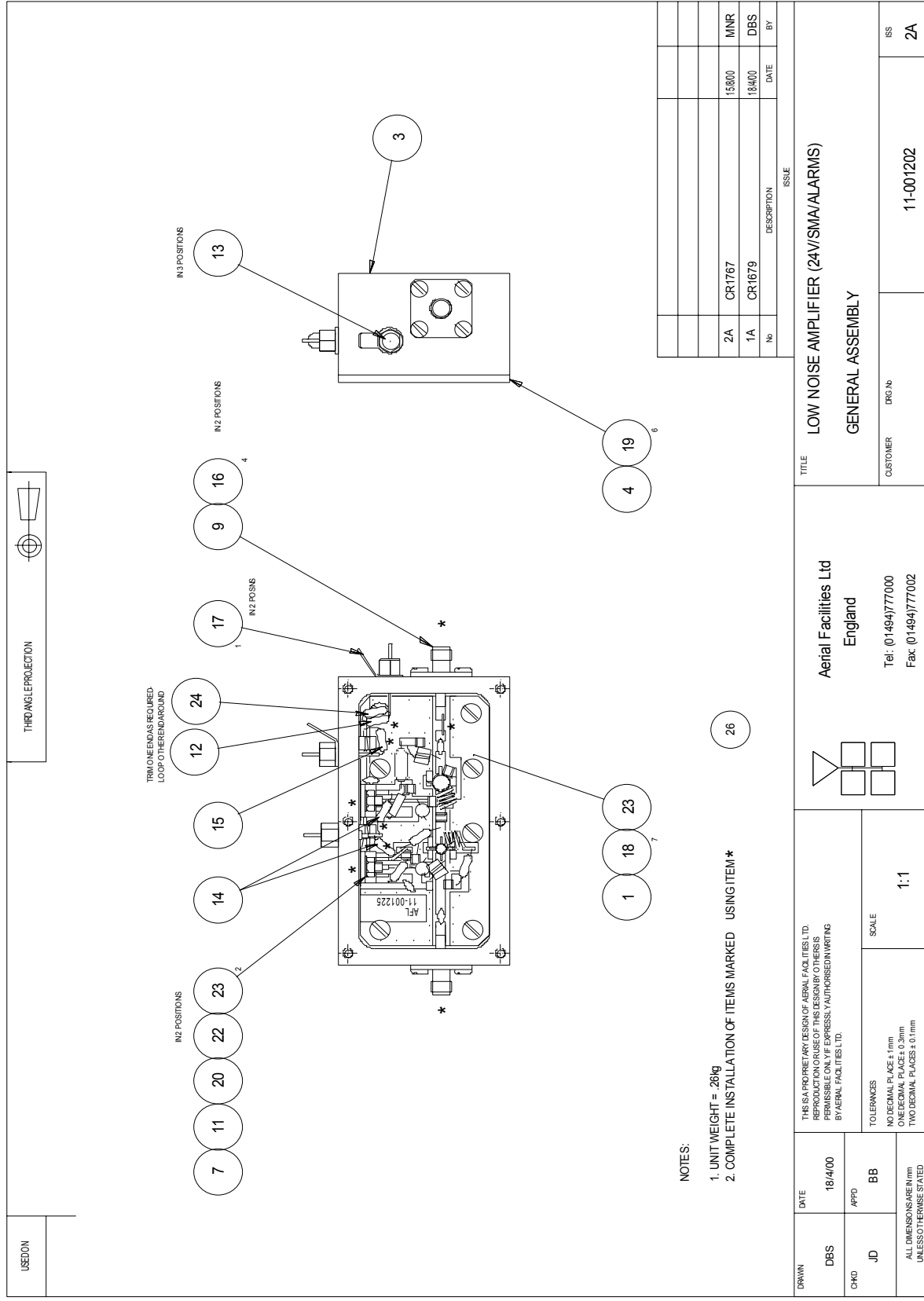


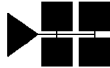
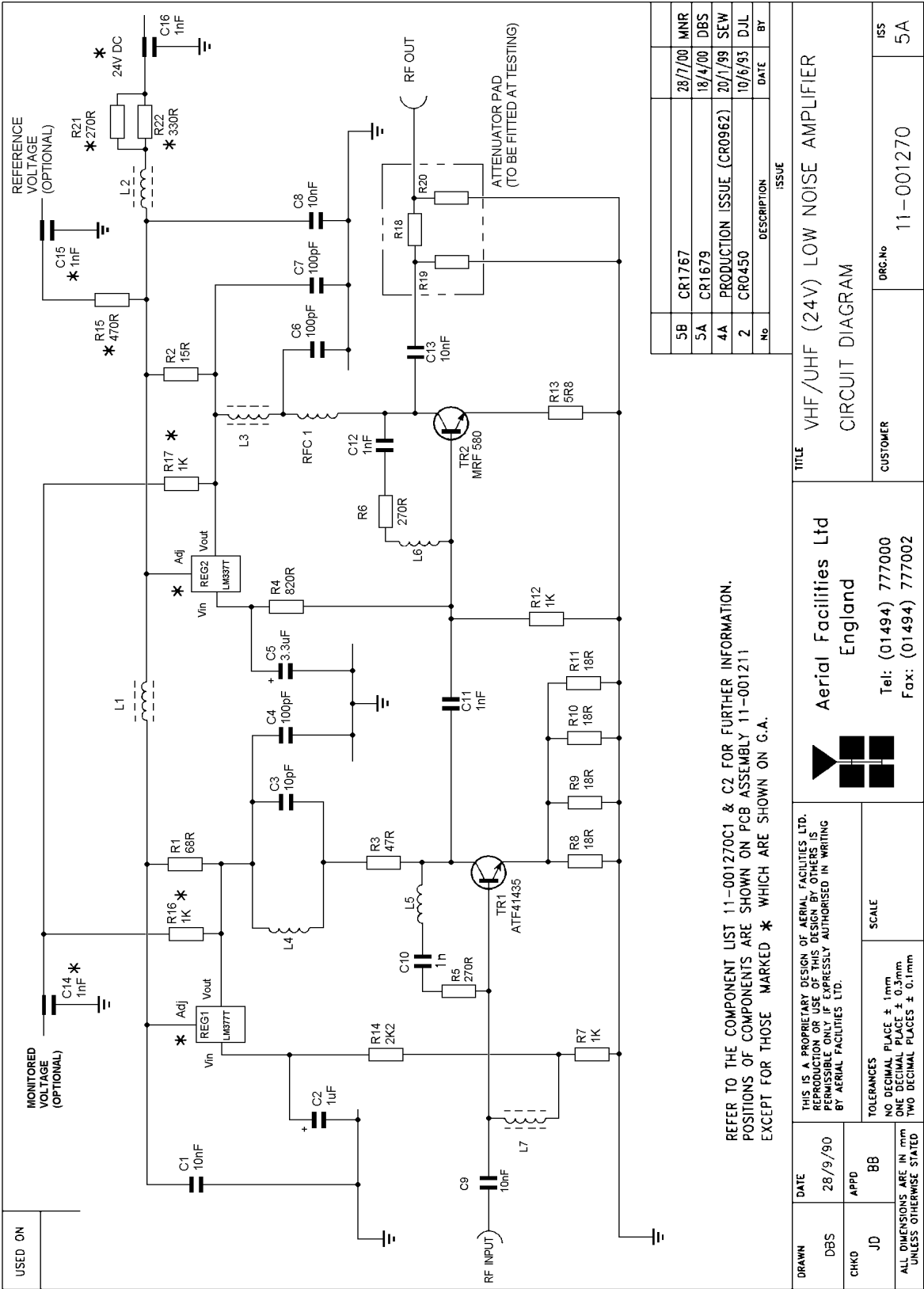
- NOTES:
- COMPONENTS SHOULD BE POSITIONED USING SILK SCREEN REFERENCES IN CONJUNCTION WITH COMPONENT LIST
 - WHERE INDIVIDUAL ITEMS ARE NOT BALLOONED THE COMPONENT IS IDENTIFIED ON BOTH THE COMPONENT LIST AND THE DRAWING BY ITS COMPONENT REF. (SEE B.O.M FOR BALLOON IDENTIS)
 - ALL SOLDERING TO BE COMPLETED USING ITEM (27) (HAND SOLDERING) OR ITEM (28) (MACHINE SOLDERING)
 - USE WITH CIRCUIT DIAGRAM 12-002270

TITLE				CUSTOMER				12-002201		185	
3 STAGE AMPLIFIER ALARM BOARD ASSEMBLY											
Aerial Facilities Ltd England				Tel: (01494) 777000 Fax (01494) 777002							
THIS IS A PROPRIETARY DESIGN OF AERIAL FACILITIES LTD. REPRODUCTION OR USE OF THIS DESIGN BY OTHERS IS EXPRESSLY FORBIDDEN WITHOUT THE WRITTEN PERMISSION BY AERIAL FACILITIES LTD.				TOLERANCES NO DECIMAL PLACE ± 1mm NO DECIMAL PLACE ± 0.1mm TWO DECIMAL PLACES ± 0.1mm UNLESS OTHERWISE STATED				2: 1			
2A CR1679				14/6/94							
1A PRODUCTION ISSUE (CR0962)				4/7/99							
1 PRODUCTION ISSUE (CR0596)				15/6/94							
No				DATE							
DESCRIPTION				MRB							
				CHKD							
				APRD							
				MRB							
				CB							
				BB							
				ALL DIMENSIONS ARE IN mm							
				UNLESS OTHERWISE STATED							

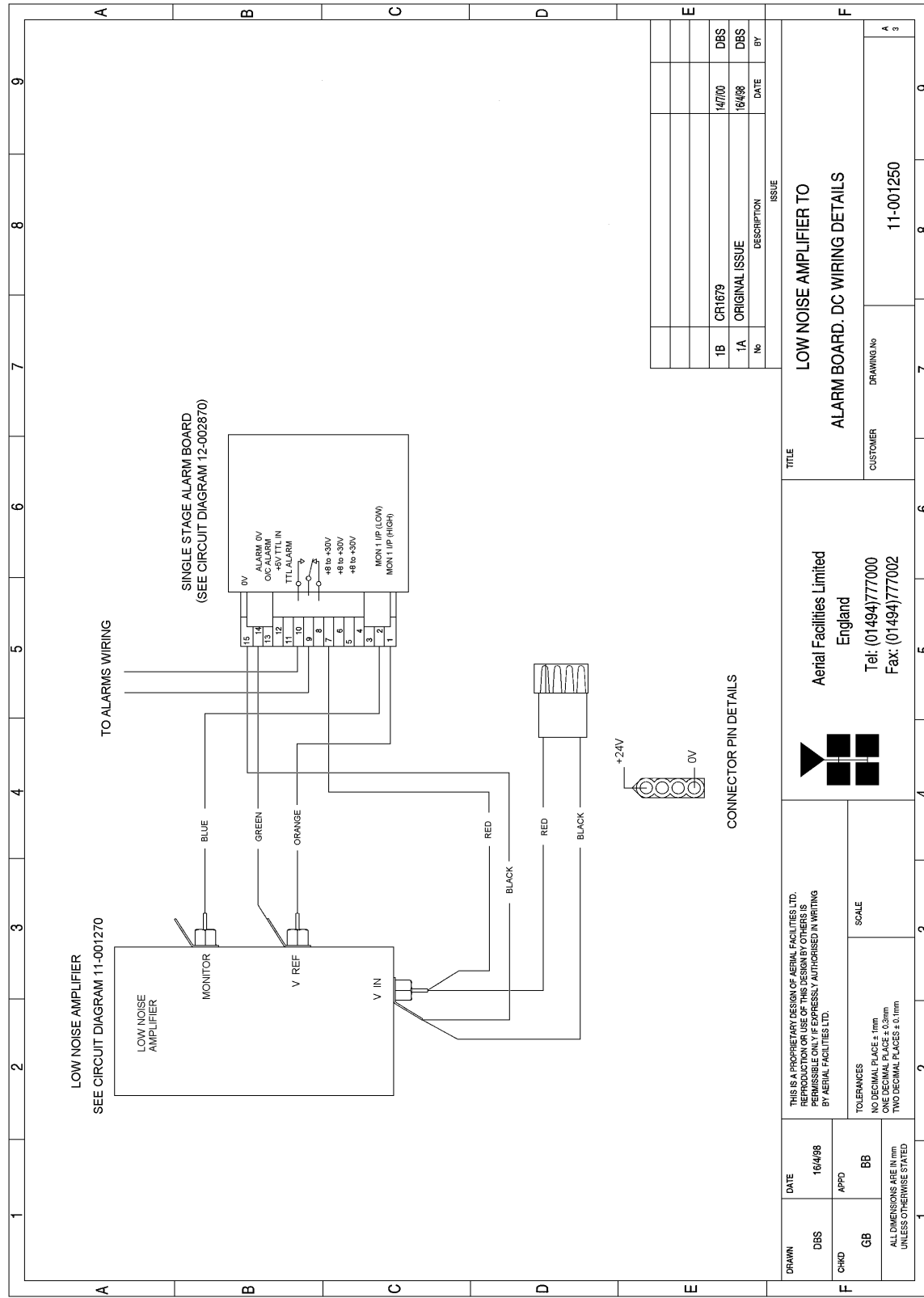


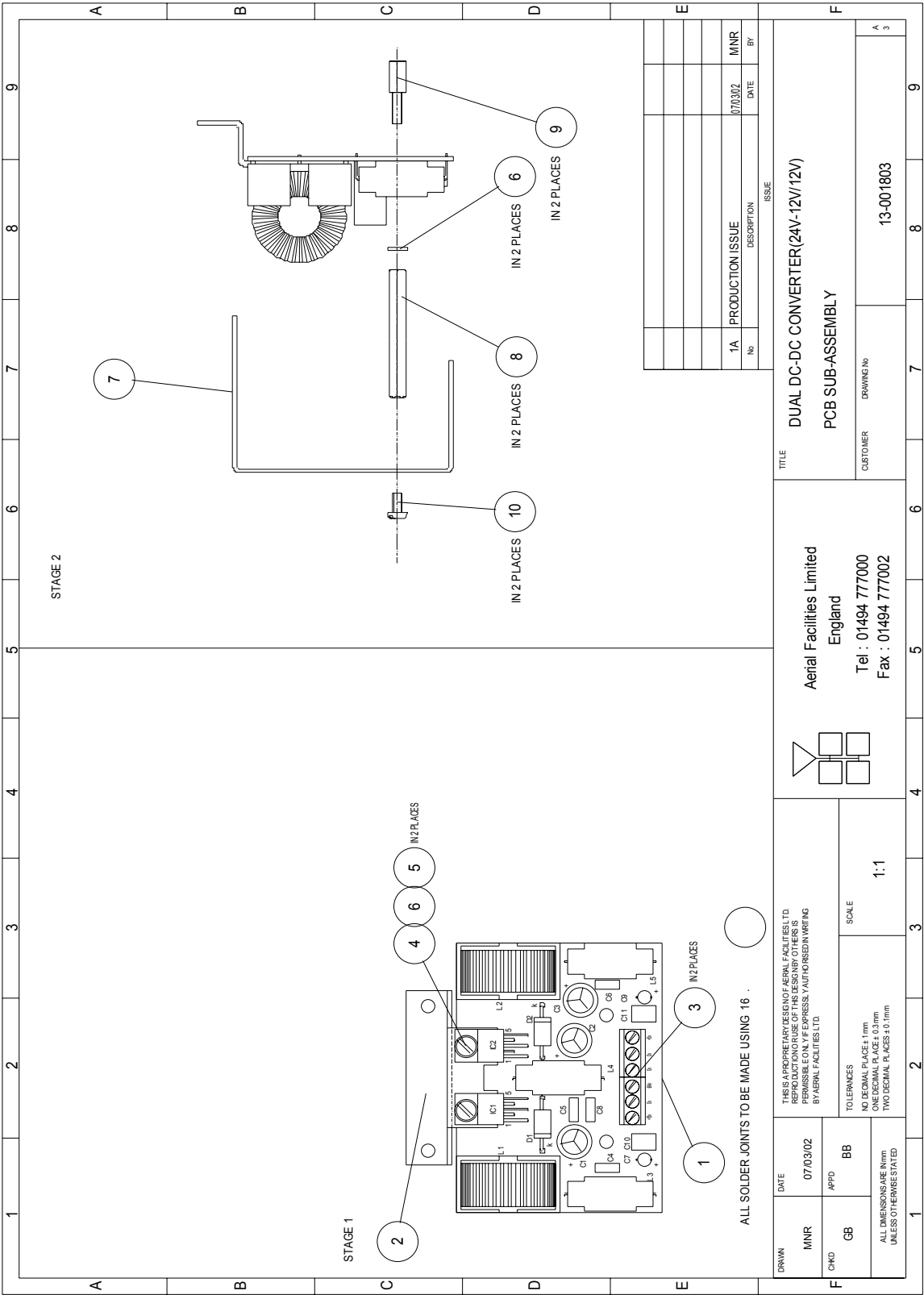


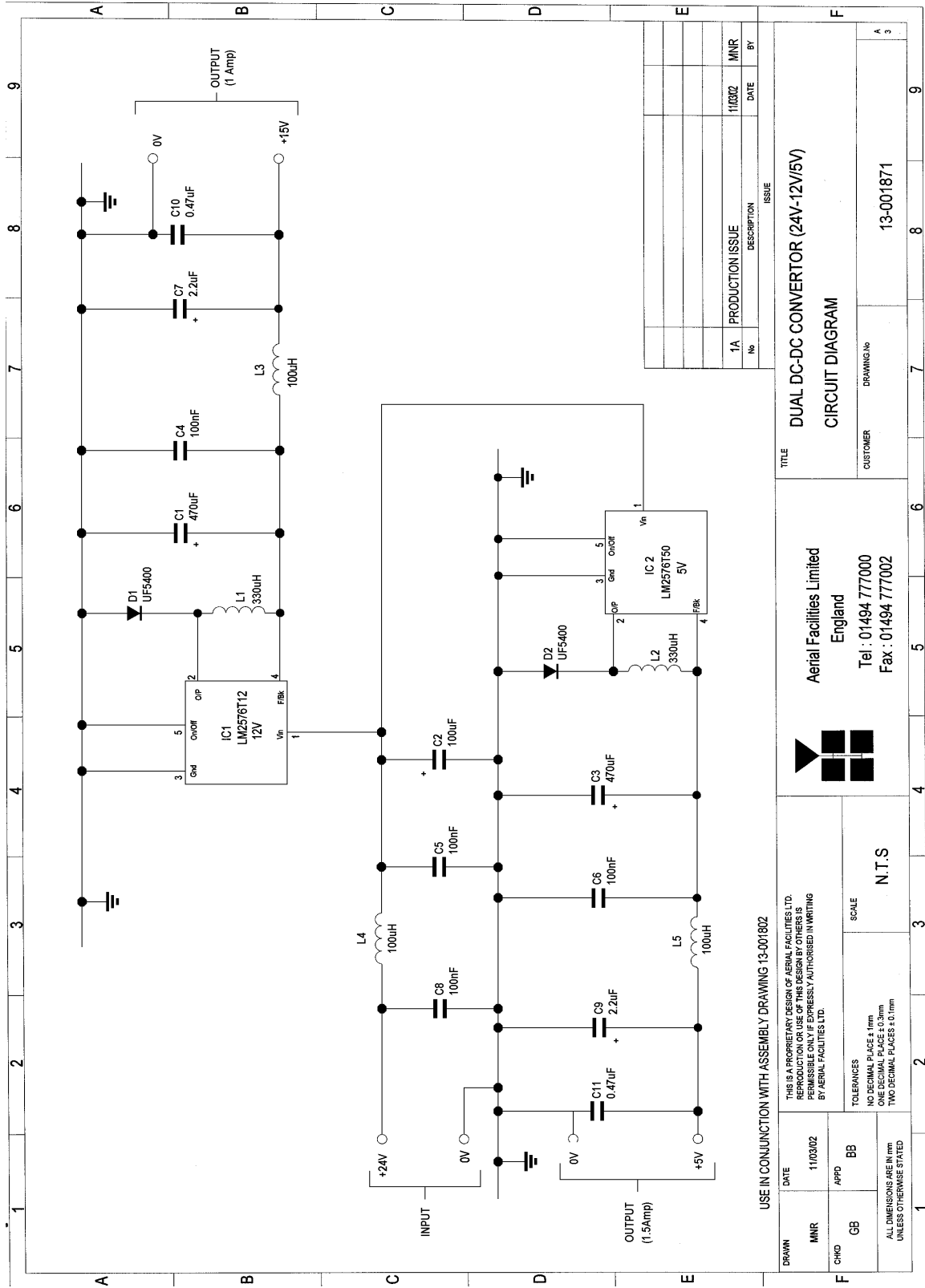


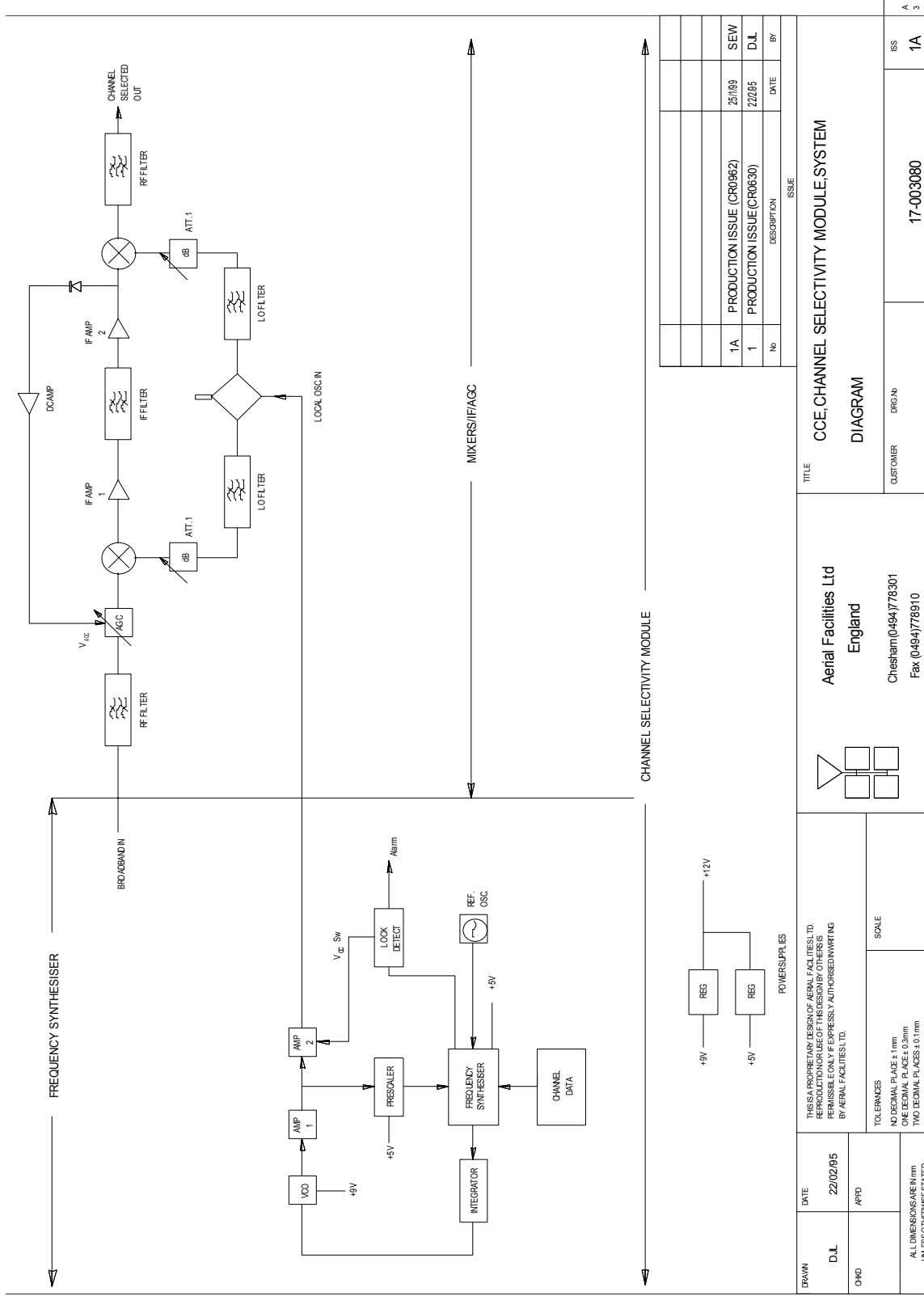


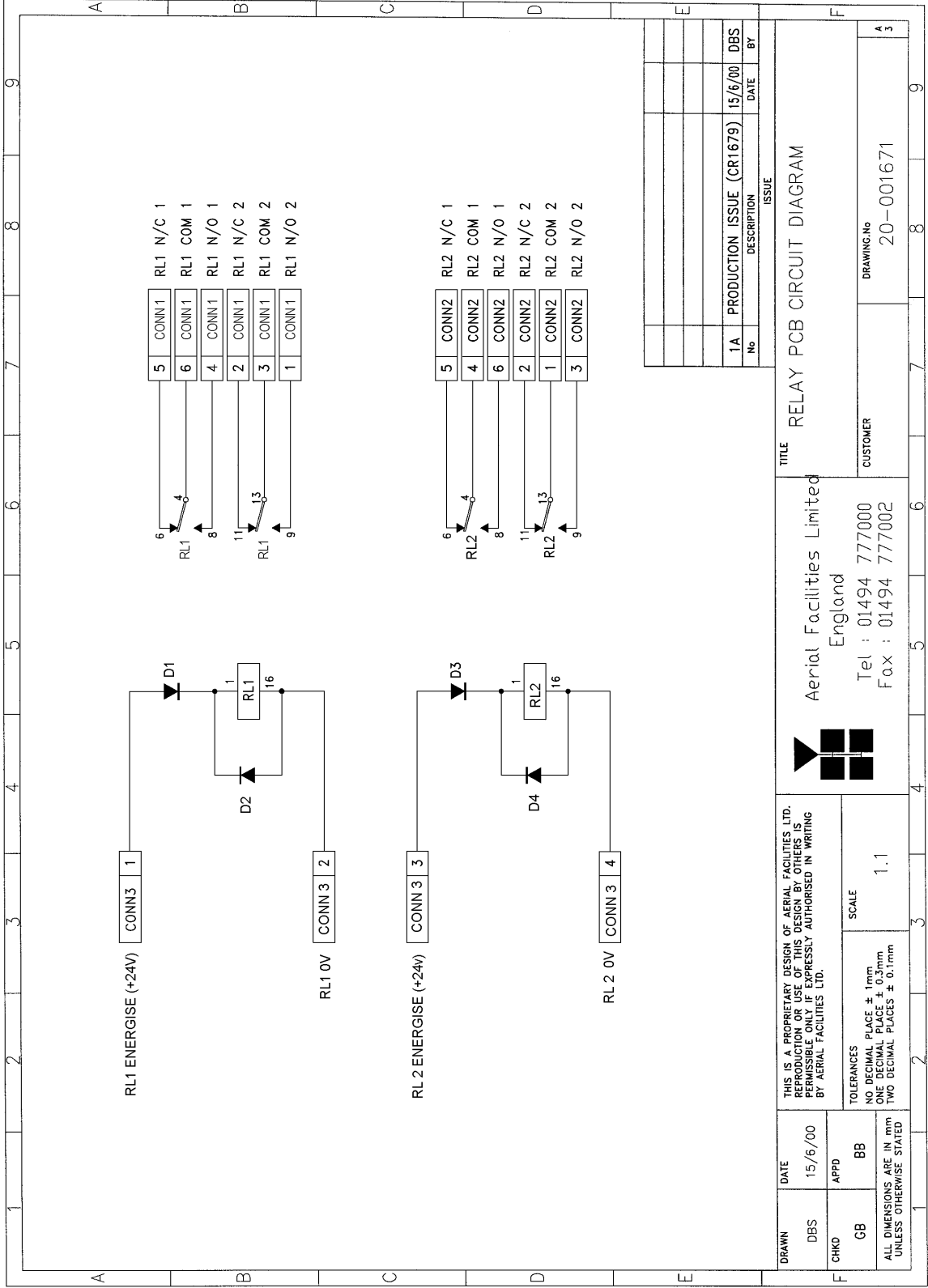
Aerial Facilities Ltd
England
Tel: (01494) 777000
Fax: (01494) 777002

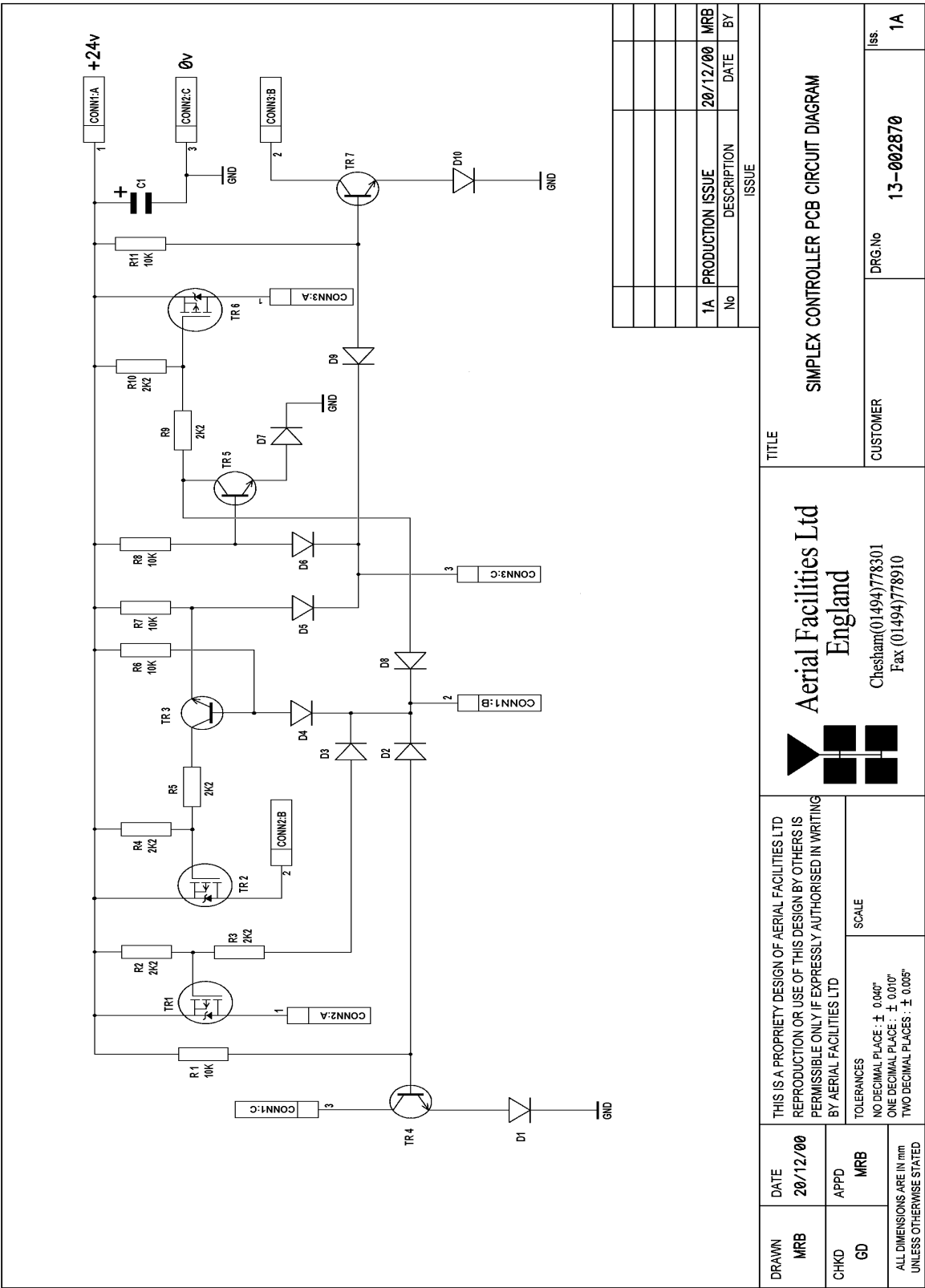
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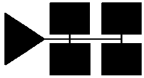






1A	PRODUCTION ISSUE	20/12/00	DATE	BY	MRB
No	DESCRIPTION				
ISSUE					

TITLE		
SIMPLEX CONTROLLER PCB CIRCUIT DIAGRAM		
CUSTOMER	DRG.No	Iss.
	13-002870	1A



Aerial Facilities Ltd
England
Chesham(01494)778301
Fax (01494)778910

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DRAWN MRB	DATE 20/12/00	APPD MRB	TOLERANCES NO DECIMAL PLACE : $\pm 0.040"$ ONE DECIMAL PLACE : $\pm 0.010"$ TWO DECIMAL PLACES : $\pm 0.005"$
CHKD GD	ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE STATED		

