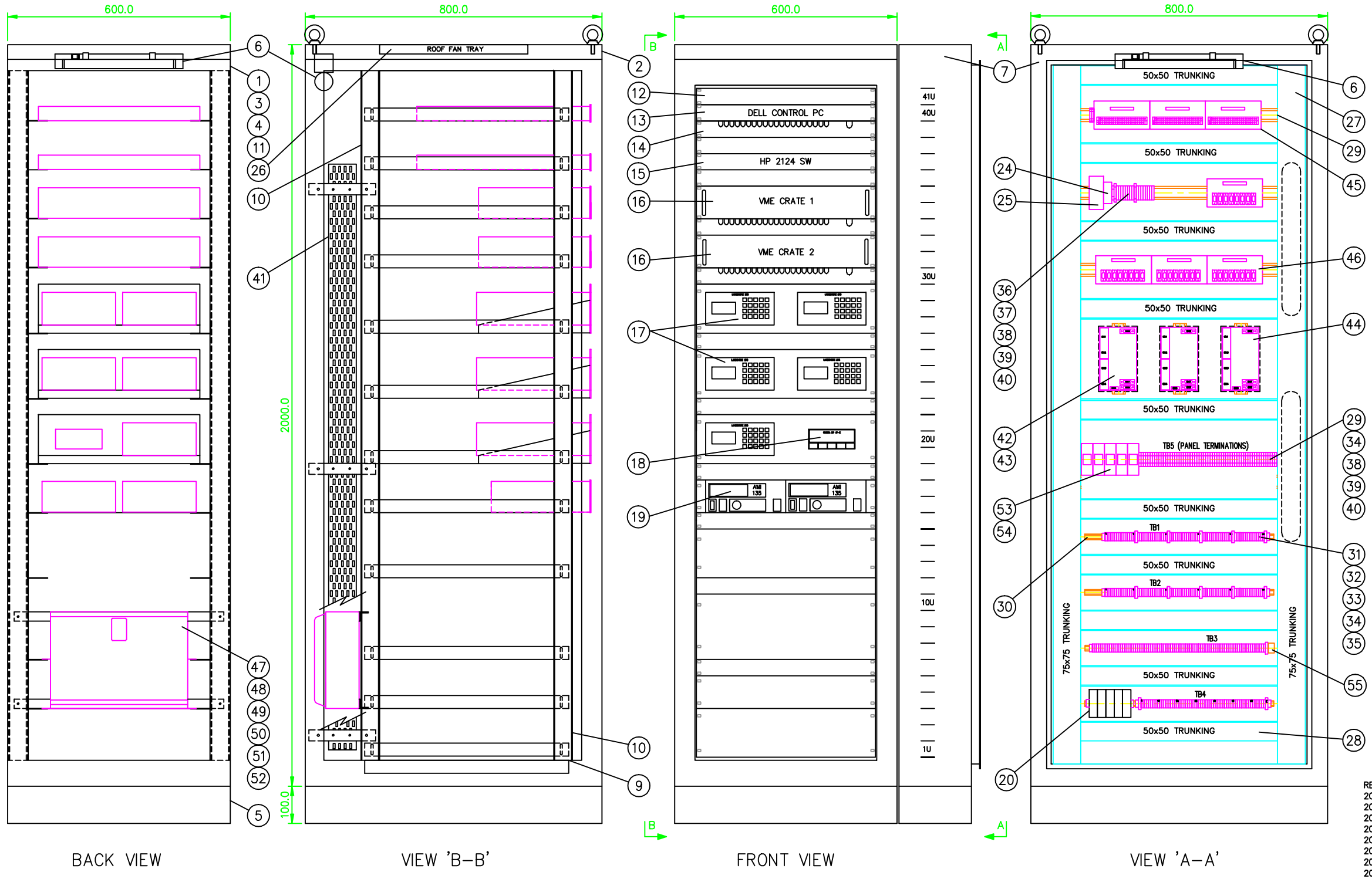
DRG No A0- 204-78051 SHT 1 OF 1



PARTS LIST

ITEM	DRG. No./PART No.	DESCRIPTION	QTY	MANU'R/REMARKS
1	ATCR-041060	RACK 41U W600xD800xH2000	1	ETA ENCLOSURES
2	?	TOP COVER, PLAIN 600x800	1	ETA ENCLOSURES
3	ATFI-080200	RACK SIDE PANELS 2000Hx800W	1	ETA ENCLOSURES
4	ARETA-062008PR	DOOR & REAR PANEL	1	ETA ENCLOSURES
5	ATZI-060080	RACK PLINTH 600x800x100	?	ETA ENCLOSURES
6	108-6762 471-7958	T5 LINKABLE FLUORESCENT FITTING 8W FLUORESCENT (300mm)	2 2	FARNELL
7	ES-ACCEEORIO	RACK BLISTER W800xD200x2000H	1	ETA ENCLOSURES
8	AKTU-007	JOINING KIT	1	ETA ENCLOSURES
9	WTSF-001	CHANNEL MOUNTING BRACKET	4	ETA ENCLOSURES
10	?	CHANNEL (50x50)	4	ETA ENCLOSURES
11	21101-539	EARTHING KIT	1	SCHROFF
12	–	TITLE PLATE 1U HIGH	1	–
13	–	DELL CONTROL PC	1	–
14	–	CABLE ACCESS PANEL	3	–
15	–	HP 2124 NETWORK SWITCH	1	–
16	–	VME CRATE	2	–
17	–	LAKESHORE 218 TEMPERATURE MON	5	–
18	–	OMEGA DP 41-E	1	OMEGA
19	–	AMI 135 LEVEL SENSOR	2	–
20	ABB CC-E/STD	0-10V TO 4-20mA CONVERTER	5	ABB
21	–		–	–
22	–		–	–
23	–	–	–	–
24	881-5070	12V PSU	1	FARNELL
25	134-1419	24V PSU	1	FARNELL
26		FAN TRAY & PEGODA	1	ETA ENCLOSURES
27	208-3906	TRUNKING - GREY 75Wx75H (2M)	2	RS COMPONENTS
28	208-3899	TRUNKING - GREY 50Wx50H (2M)	3	RS COMPONENTS
29	424-131	TOP HAT DIN RAIL TS35 (0.5 Metres)	5	RS COMPONENTS
30	604-797	TOP HAT MINIATURE DIN RAIL (1M)	3	RS COMPONENTS
31	113-1891	WEIDMULLER AKZ1.5 TERMINALS	240	FARNELL
32	501-7490	AKZ1.5 TERMINAL END PLATE	5	FARNELL
33	113-1895	AKZ1.5 2-WAY JUMPER BAR	?	FARNELL
34	113-1736	TERMINAL END STOP	10	FARNELL
35	113-1729	AKE4 EARTH TERMINAL	4	FARNELL
36	268-1623	KDKS1 FUSED/FEED THROUGH TERMINAL	6	RS COMPONENTS
37	193-994	FUSED/FEED THROUGH END PLATE	2	RS COMPONENTS
38	113-1770	WDU2.5 TERMINAL	55	FARNELL
39	113-1792	WPE2.5 EARTH TERMINAL	5	FARNELL
40	575-112	WDU2.5 TERMINAL END PLATE	4	FARNELL
41	NLZL75SLN	METAL CABLE TRAY 75Wx10H (3M)	2	NEWEY & EYRE
42	453-397	DIN RAIL MOUNTED PCB CARRIER (1m)	2	RS COMPONENTS
43	453-404	PCB CARRIER DIN RAIL MOUNTING KIT	1	RS COMPONENTS
44	–	CAN-BUS I/O MODULE	5	DL SUPPLY
45	–	8901 HE MODULE (I/F/ADC/DAC)	5	DL SUPPLY
46	–	8904 HE MODULE (RS232 COMMS)	1	DL SUPPLY
47	434-5022	DISTRIBUTION UNIT MGA12N (SINGLE PH)	1	MERLIN GERIN
48	142-1019	INCOMER SWITCH 2P 125A	1	MERLIN GERIN
49	142-1047	MCB 2 AMP TYPE B	3	MERLIN GERIN
50	142-1052	MCB 10 AMP TYPE B	1	MERLIN GERIN
51	142-1101	MCB 2 AMP TYPE C	2	MERLIN GERIN
52	142-1102	MCB 4 AMP TYPE C	6	MERLIN GERIN
53	913-7653	4PCO RELAY BASE WITH CLIP	5	FARNELL
54	116-9226	24V COIL, 4PCO RELAY	5	FARNELL
55		6 POLE CHANGE OVER RELAY	1	
56				
57				
58				
59				
60				

REF DRAWINGS
204/78050 SPECTROMETER TEST RACK BLOCK DIAGRAM
204/78052 SPECTROMETER TEST RACK POWER DIST DIAGRAM
204/78053 SPECTROMETER TEST RACK EQUIP WIRING DIAGRAM
204/78055 SPECTROMETER TEST RACK CANBUS/VME NETWORK
204/78056 SPECTROMETER TEST RACK DAC/ADC WIRING DIAGRAM
204/78057 PSU/COMMS/SIGNAL CONVERTER WIRING DIAGRAM
204/78058 SPECTROMETER TEST RACK RS232 WIRING DIAGRAM
204/78059 SPECTROMETER TEST RACK CANBUS WIRING DIAGRAM

NOTES:-
1. ALL METALWORK TO BE FREE FROM BURRS AND SHARP EDGES.
2. DRILL AND CUT SUPPORT STRIP AS REQUIRED.
3. BOND ALL EQUIPMENT TO RACK MAINS SAFETY EARTH STUD.

SOLENOID CONTROL RACK

SCALE 1:4 (0 – 400)
ALL DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE STATED

DRN	P.A.D.	SCIENCE AND TECHNOLOGY FACILITIES COUNCIL DARESBURY LABORATORY CHESHIRE
DATE	SEPT 2011	
CKD	I.M.	TITLE MICE FACILITY COOLING CHANNEL TEST RACK GENERAL ARRANGEMENT
DATE	27/03/12	
CERT		
DATE		
APPD	I.M.	DRG No A0-204-78051 SHT 1 OF 1 — ISSUE A
DATE	27/03/12	CAD PART No 204_78051

DRAWING LIST:- DL204/78000
CONTRACTORS COMPANY
CONTRACTORS DRG No

FIRST ISSUE A

ORIGINAL FRAME SIZE 1140mm X 790mm