

ALL DIMENSIONS IN mm UNLESS OTHERWISE STATED

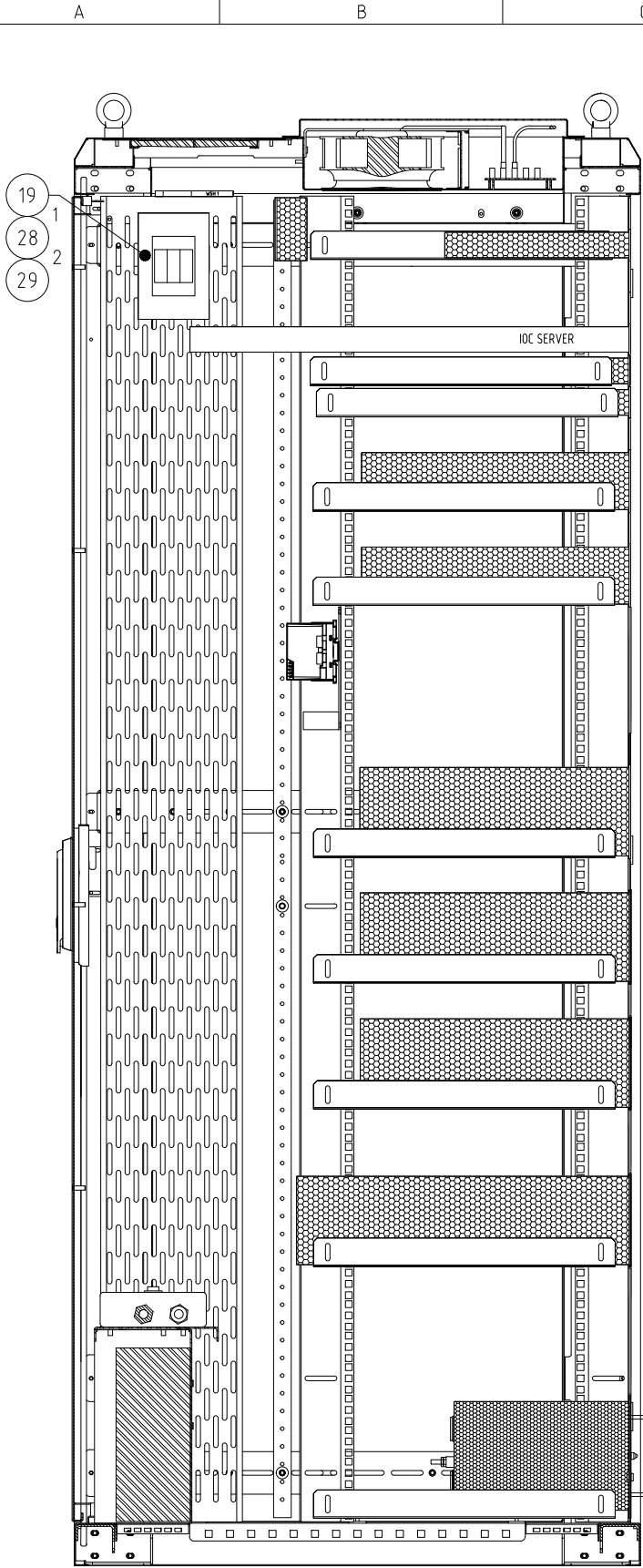
DRG. PRACTICE TO B.S. 8886:2008, THIRD ANGLE PROJECTION  
TOLERANCING UNLESS OTHERWISE STATED TO BS EN 22768-1:1993

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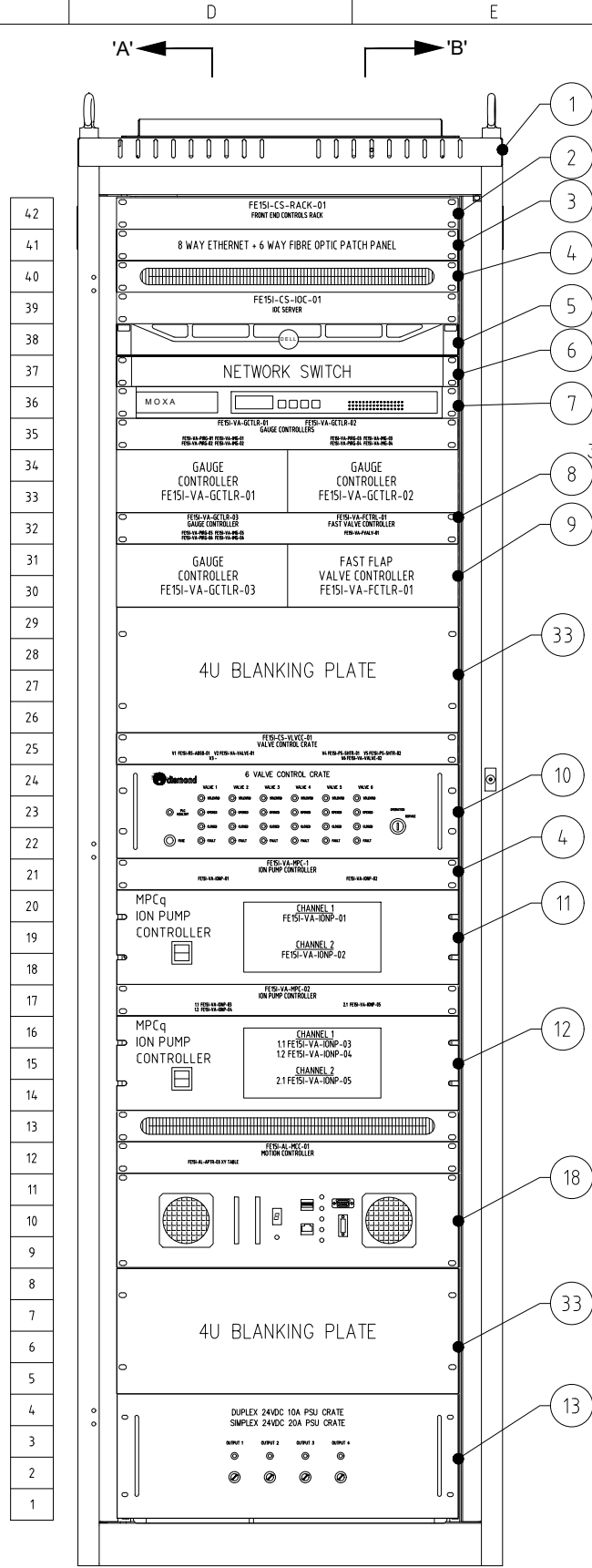
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A

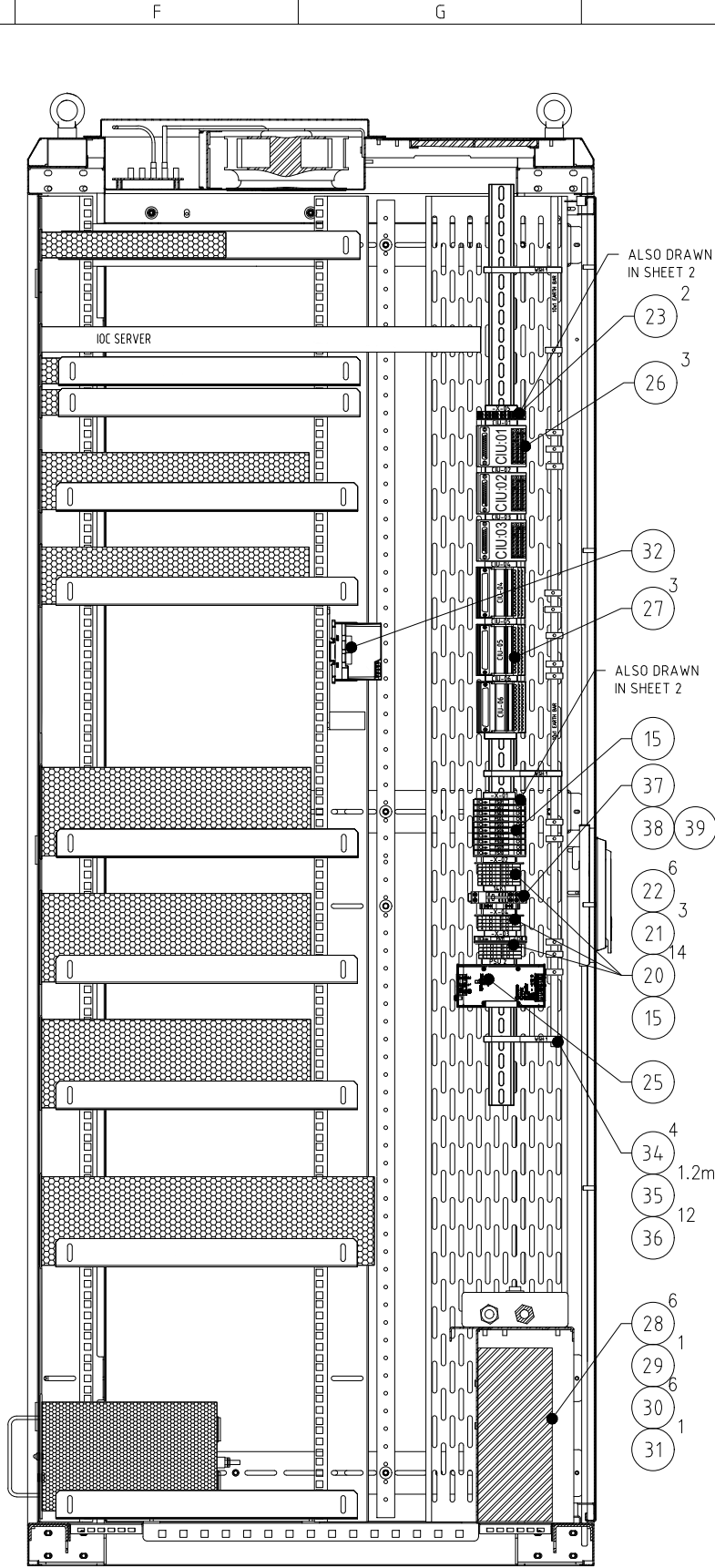
FIRST ISSUE



SECTIONAL VIEW ON 'A-A'  
INTERNAL VIEW OF THE LHS OF THE ENCLOSURE  
DETAILING MOUNTING OF EQUIPMENT



FRONT VIEW OF ENCLOSURE  
DOOR REMOVED  
(DISTRIBUTION BOARD NOT SHOWN FOR CLARITY)



SECTIONAL VIEW ON 'B-B'  
INTERNAL VIEW OF THE RHS OF THE ENCLOSURE  
DETAILING MOUNTING OF EQUIPMENT

PARTS LIST				
ITEM	DWG N°	DESCRIPTION	QTY	REMARKS
1	-	ENCLOSURE 42U 2000Hx600Wx800D	1	RAINFORD
2	1166409	1U EQUIPMENT IDENTIFICATION LABELS	9	-
3	-	NETWORK PATCH PANEL	1	OPTIM
4	-	CABLE MANAGEMENT	1	FOR PATCH PANEL / IOC CABLES
5	-	DELL DISKLESS SERVER	1	CONTROLS FREE ISSUE
6	-	NETGEAR FS728TP SMART SWITCH	1	CONTROLS FREE ISSUE
7	-	TERMINAL SERVER, MOXA 6450 16 PORT NPORT	1	CONTROLS FREE ISSUE
8	-	VACUUM GAUGE CONTROLLER	3	MKS 937B VAAUUM FRREE ISSUE
9	1058901	FAST VALVE CONTROLLER	1	CONTROLS FREE ISSUE
10	1008741 1008742	6 WAY VALVE CONTROL CRATE	1	CONTROLS FREE ISSUE
11	-	DUAL MPCq ION PUMP CONTROLLER	1	VAAUCUM FREE ISSUE
12	-	QUAD MPCq ION PUMP CONTROLLER	2	VAAUCUM FREE ISSUE
13	1170402	ETHERNET DUPLEX POWER SUPPLY	1	CONTROLS FREE ISSUE
14	SHEET 2	ETHERCAT REMOTE I/O ASSEMBLY	1	BECKHOFF SEE SHEET 2
15	9802730000 9503340000	FUSE TERMINAL KDKS 1 24V END PLATE AP1 KDKS	11 2	WEIDMULLER
16	-	-	-	-
17	-	-	-	-
18	-	8 AXIS GEOBRIQUETTE CRATE 3U	1	CONTROLS FREE ISSUE
19	475-1320	3 MODULE DISTRIBUTION UNIT (73550321)	1	RS (GUNTHER SPELSBERG)
20	144-8724	TERMINAL (A2C 2.5) 1521850000	14	WEIDMULLER
21	144-8768	ENDPLATE 1514400000	4	WEIDMULLER
22	268-1645	JUMPERBAR FOR TERMINAL BLOCK 1693880000	2	WEIDMULLER
23	226-0024	TERMINAL (ZDU 2.5) 1608540000	121	WEIDMULLER
24	226-0030	END PLATE	1	WEIDMULLER
25	514-5580	POWER SUPPLY 230VAC/48VDC 5A. QS10.481	1	RS COMPONENTS/PULS
26	667-0030	CABLE INTERFACE UNIT (25 W D MALE) 2315133	3	RS COMPONENTS/PHOENIX CONTACT
27	667-0043	CABLE INTERFACE UNIT (37 W D MALE) 2315133	3	RS COMPONENTS/PHOENIX CONTACT
28	-	MCB SINGLE POLE, 3 AMP TYPE C (6KA)	8	
29	-	MCB SINGLE POLE, 6 AMP TYPE C (6KA)	2	
30	-	MCB SINGLE POLE, 10 AMP TYPE C (6KA)	8	
31	-	MCB SINGLE POLE, 10 AMP TYPE D (6KA)	1	
32	SHEET 2	REMOTE INPUT OUTPUT (RIO) EXTENSION	1	OMRON SEE SHEET 2 FOR CONFIGURATION.
33	721-3036	4U BLANKING PLATE SCHROFF 30118303.	1	RS COMPONENTS.
34	1068700000	BUSBAR HOLDER WSH 1 8	4	WEIDMULLER
35	0348900000	BUSBAR 1Mx10mmx3mm 4	2	WEIDMULLER
36	1753311001	BUSBAR CLAMPING YOKE KLBU C01 15	12	WEIDMULLER
37	351-588	24V DC DPDT RELAY	1	FINDER 024.0000 400-9130
38	400-9130	DPDT RELAY SOCKET.	1	FINDER 95.05SPA
39	666-8015	LED/DIODE MODULE.	1	FINDER 99.02.9.024.99
40				
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REFERENCE DRAWINGS AND DOCUMENTATION	
REFERENCE	TITLE
1002629	STORAGE RING CELL 15 SR15C CONTROL & INSTRUMENTATION AREA GENERAL ARRANGEMENT
1010498	STORAGE RING ARC 15 FE151 CONTROL SYSTEM BLOCK CABLE DIAGRAM
1166408	STORAGE RING CELL 15 FE151 CONTROL SYSTEM HOOK-UP DRAWING
1166409	LABEL ENGRAVING-DETAIL
NOT FOR MANUFACTURE	
1008690	RS232 / 422 LEAD CONNECTION DETAILS



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THIS REVISION		TITLE			
DRN DATE	nmp 24/02/21	STORAGE RING CELL 15 FRONT END 151 CONTROL SYSTEMS GENERAL ARRANGEMENT			
CHK DATE					
APPD DATE		ORIGINATOR DATE	NMP 24/02/21	DRG STATUS	WIP
AUTOCAD		DRG No.	1166407	SHEET 1 OF 2	REV. A

