		IF IN DOUBT - ASK		REPORT ANY ERRORS TO D.O.		DO NOT SCALE	

REVISIONS

ZONE	REV	DESCRIPTION	DATE	CHKR	APPROVED
	00	FIRST RELEASE	2017/11/21	AW	ES
	01	REVISED PER ECO-0000334	2018/04/10	AW	ES
	02	REVISED PER ECO-0000555			

2019/09/16

DATE: 2019/09/16
MDS
RELEASED
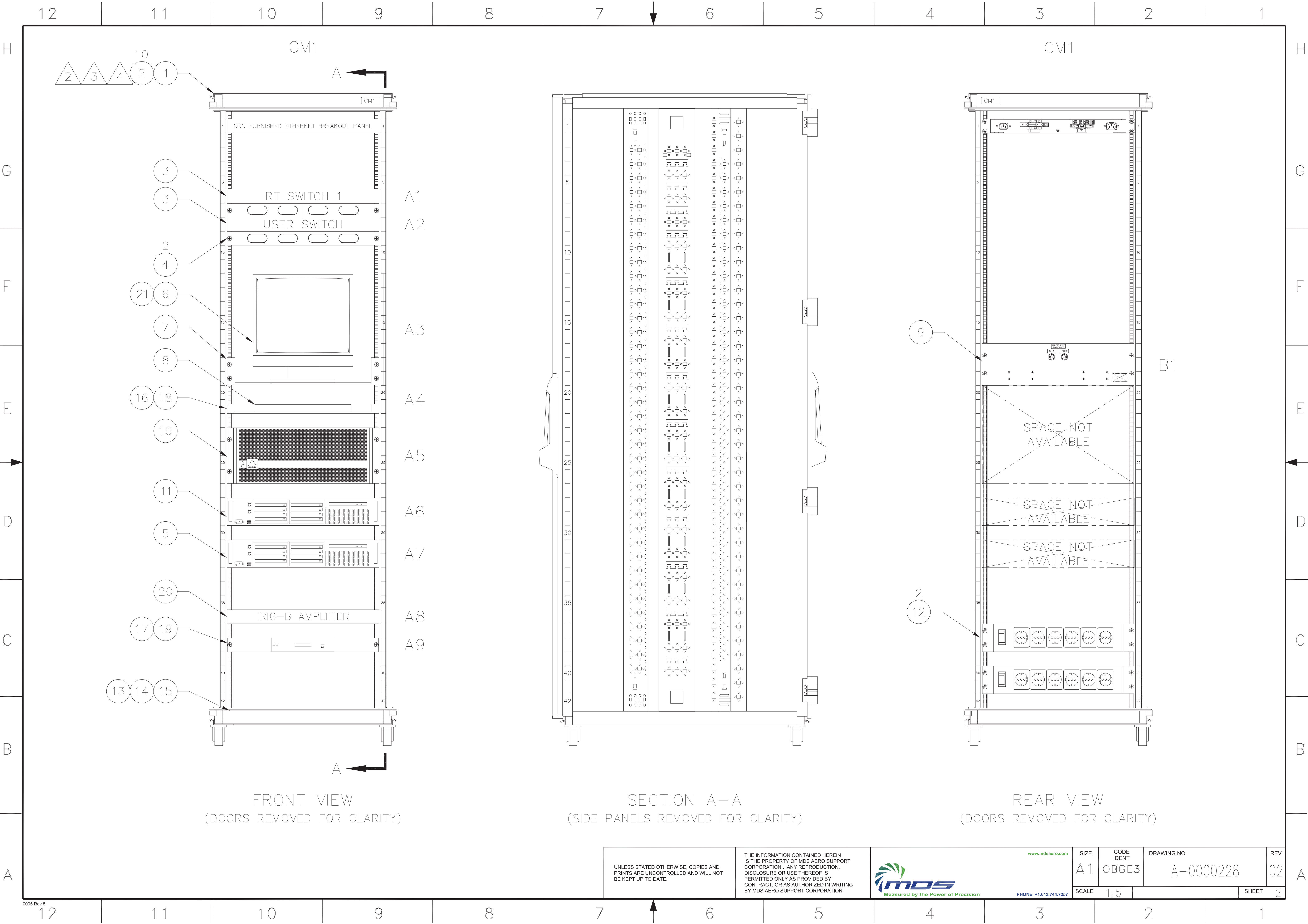DOCUMENT
AUTH:

NOTES:

1. REFERENCE DESIGNATIONS AS PER ASME Y14.5-2009.

2. IDENTIFICATION LABEL TO BE PRINTED WITH RACK NUMBER. FONT TO BE 24, ARIAL.

3. IDENTIFICATION LABEL TO BE PRINTED WITH EQUIPMENT LOCATION. FONT TO BE 24, ARIAL.

4. APPLY IN APPROXIMATE AREA SHOWN.

SYMBOL LEGEND

ITEM BALLOON (ITEM #)   REVISION TAG (REV #)

NOTE FLAG (NOTE #)

THIRD ANGLE PROJECTION

UNLESS STATED OTHERWISE, COPIES AND PRINTS ARE UNCONTROLLED AND WILL NOT BE KEPT UP TO DATE.

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A-0000169

FIRST USED ON

UNLESS OTHERWISE SPECIFIED
1. DIMENSIONS ARE IN mm
2. TOLERANCES
WHOLE NUMBERS ± 2
DECIMALS XXX ± .120
XX ± .25
X ± .8
ANGLES ± .5°
3. SURFACE FINISH

CONTRACT NO

		DATE
DWN	MS/JMG/CD	2019/09/16
CHKR		DATE
D.O. APPVL		DATE
ENGINEER/DESIGNER	E. STEVENS	DATE 2019/09/16
QA		DATE
PROJ MGR		DATE
DSGN APPVL		DATE
CLIENT		DATE

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Measured by the Power of Precision   **PHONE +1.613.744.7257**

TITLE
ASSEMBLY-RACK-INSTR,
RTE-EXPANSION,
NA, RTE+EXPANSION+MIL-1553,
RITTAL, 1000MM DP, CM1

SIZE	CODE IDENT	DRAWING NO	REV
A1	0BGE3	A-0000228	02

SCALE	1:5	WT	—	SHEET 1 OF 2

0004 Rev 10

CM1

GKN FURNISHED ETHERNET BREAKOUT PANEL

A1 — RT SWITCH 1
A2 — USER SWITCH
A3
A4
A5
A6
A7
A8 — IRIG-B AMPLIFIER
A9

FRONT VIEW
(DOORS REMOVED FOR CLARITY)

SECTION A-A
(SIDE PANELS REMOVED FOR CLARITY)

B1

SPACE NOT AVAILABLE

SPACE NOT AVAILABLE

SPACE NOT AVAILABLE

REAR VIEW
(DOORS REMOVED FOR CLARITY)

0005 Rev 8

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SIZE	CODE IDENT	DRAWING NO	REV
A1	OBGE3	A-0000228	02

SCALE 1:5

SHEET 2

A-0000228 - ASSEMBLY-RACK-INSTR, RTE-EXPANSION, NA, RTE+EXPANSION+MIL-1553, RITTAL, 1000MM DP, Rev: 2

FIND	REFDES	QTY	UOM	PART NUMBER	REV	DESCRIPTION	NOTES	VENDOR	VENDOR PART NUMBER
1		1	EA	A-0000234	1	ASSEMBLY-RACK-INSTR, EMPTY, EU, 42U, GLASS FRONT, SOLID REAR, RITTAL, 1000 MM		MDS Aero Support Corp	
2		10	EA	H-0013760	0	LABEL-PRODUCT, PANEL, FOAM-RAISED, 12.45MM HT X 26.92MM WD, GENERIC, THERMAL TRANSFER, SELF-ADHESIVE, POLYESTER, SILVER		Brady	THTEP-171-593-.5SL
3	A1,A2	2	EA	E-0000296	0	SWITCH-NETWORK, 19 IN RACK, 1GBASE-T, 24, NO POE, NO TIME STAMPING		HP	J9776A#ABA
4		2	EA	A-0000148	0	ASSEMBLY-RACK-I&C-PANEL, DISTRIBUTION, DAS-ANALOGUE, CABLE ENTRY, 1U		MDS Aero Support Corp	
5	A7	0	EA	A-0000461	0	ASSEMBLY-COMPUTER-SYSTEM, DYNAMIC SYSTEM SERVER, PAK MKII SERVER + SOFTWARE LICENSES	Purchased as part of Vibration Work package. Installed in DAS	MDS Aero Support Corp	
6	A3	1	EA	E-0000308	0	COMPUTER-MONITOR, 19 INCH, 1280 X 1024, 4:3, 56-75HZ, LED, 120/240 V-AC, 50-60 HZ		NEC	EA193MI-BK
7		1	EA	M-0000110	0	RACK-I&C-ACCESSORY, RITTAL, SHELF-FIXED, 1000MM DP RACK, 50KG LOAD, ALUMINUM, NO FINISH, BLACK		Rittal	DK 5501.665
8	A4	1	EA	E-0000351	0	KEYBOARD, USB 2.0, CHERRY- KEYBOARD AND TOUCH PAD, USB, BLK		ZF Electronics	G80-11900LUMEU-2
9	B1	1	EA	A-0000246	0	ASSEMBLY-RACK-I&C-PANEL, INTERFACE, MIL-STD-1553, 2 CHANNEL 50 OHM, 3U		MDS Aero Support Corp	
10	A5	1	EA	E-0000079	0	BACKPLANE, MAGMA, PCI, P7R4, 7, 4U, 120/240 V-AC, 50-60 HZ	To be replaced with assembly after ECO	One Stop Systems (Magma)	MGM-P7R4
11	A6	1	EA	A-0000342	1	ASSEMBLY-COMPUTER-SYSTEM, RTE BASE, HP PROLIANT DL380 G7	To be replaced with an Assembly after ECO		
12		2	EA	E-0000437	0	POWER BAR, 19 IN RACK, MANUAL, 240 V-AC, 50/60 HZ, 16 AMP, CEE7/7(EU1-16P) TO CEE7(EU1-16R), 6 PORTS, 2.00 M PIGTAIL		International Configurations Inc	61100
13		1	EA	M-0000115	0	RACK-I&C-ACCESSORY, RITTAL, BRACKET-ANGLE, 1000MM DP RACK, BASE PANEL SUPPORT, STEEL, POWDER COATED, SILVER		Rittal	DK 5501.320
14		1	EA	M-0000254	0	RACK-I&C-ACCESSORY, RITTAL, PANEL-BASE, 1000MM DP RACK, 600MM WD, VENTED WITH FILTER, STEEL, NO FINISH, SILVER		Rittal	DK 5502.340
15		1	EA	M-0000288	0	RACK-I&C-ACCESSORY, RITTAL, CLIP-MOUNTING, BASE PANEL, STEEL, ZINC-PLATED, SILVER		Rittal	TS 8800.075
16		1	EA	M-0000286	0	RACK-I&C-ACCESSORY, HAMMOND, SHELF-SLIDING, KEYBOARD, STEEL, ZINC-PLATED, BLACK		Hammond	RAKS19BK1
17		0	EA	M-0000287	0	PANEL-RACK-I&C, 19 IN, 1U, KVM SWITCH MOUNT, 18 GAUGE, ALUMINUM, NO FINISH, BLACK	Purchased as part of Vibration Work package. Installed in DAS	Adder Technology - Manufacturer	RMK4S
18		1	EA	M-0000289	0	RACK-I&C-ACCESSORY, HAMMOND, SHELF-SLIDING, KEYBOARD EXTENDER, STEEL, ZINC-PLATED, BLACK		Hammond	RSLIDE28
19	A9	0	EA	E-0000448	0	SWITCH-KVM, DESKTOP, 6X USB PORTS, ONE 2560X1600 RESOLUTION MONITOR, USB 2.0, KVM-VGA	Purchased as part of Vibration Work package. Installed in DAS	Adder Technology - Manufacturer	XD522 - PAIR
20	A8	0	EA	E-0000377	0	CONVERTER-DATA, IRIG - IRIG, A/B OR G, 1X15 AMPLIFIER, 50 OHM BNC	Purchased as part of Vibration Work package. Installed in DAS	Microsemi - Manufacturer	TSC 4059B
21		1	EA	E-0000358	1	STORAGE-DIGITAL, NETWORK, ARRAY-SATA, SATA, 0, DISKSTATION DS218 RAID1		Synology America	DS218

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