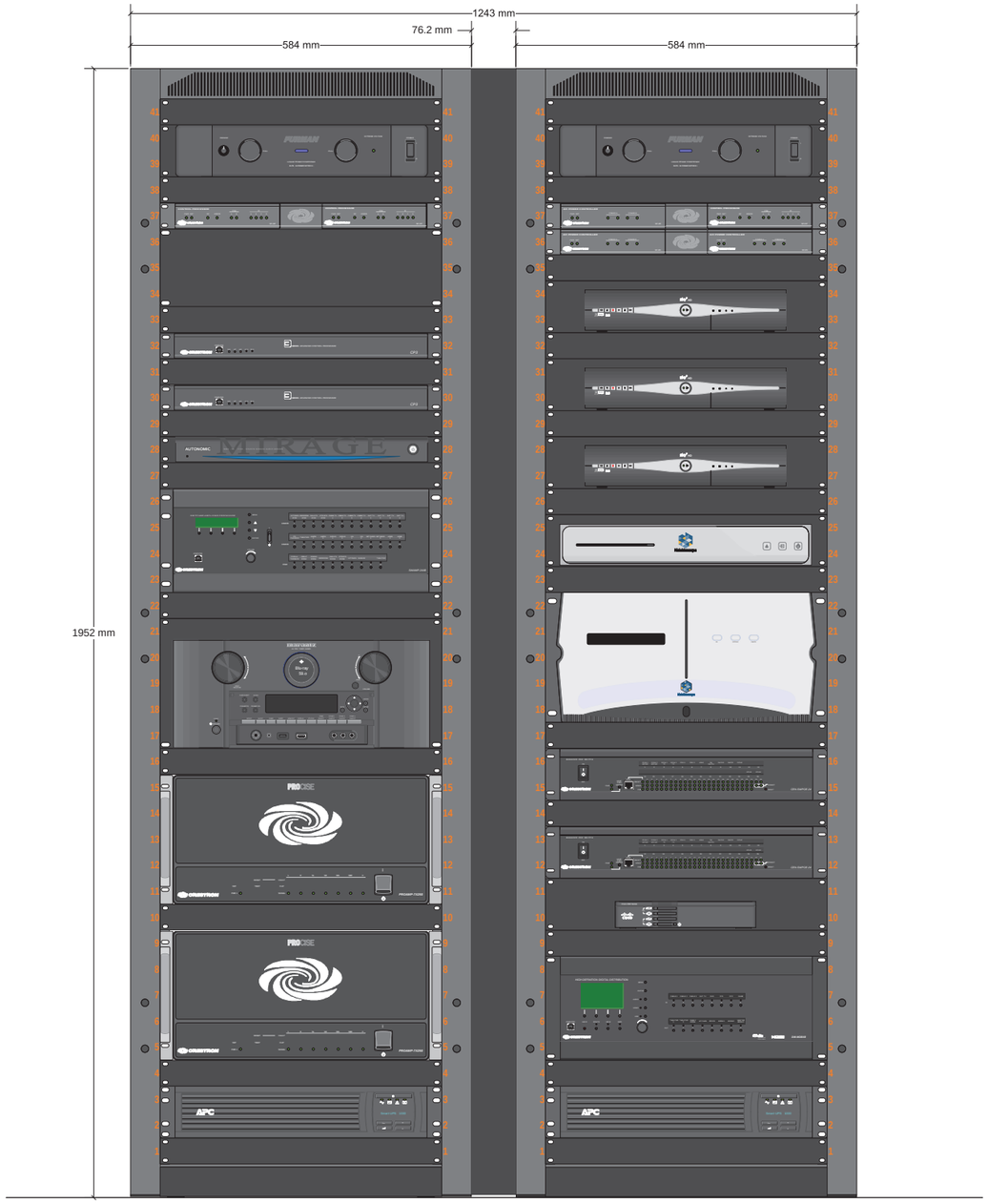
[your **brand**]

[your tagline]

CEDIA MEMBER

CRESTRON

ENGINEERING PACK, LAST REV: 05/10/2016



NOTES:

P0 Drawn KJ 05/10/16

REV:	DESCRIPTION:	BY:	DATE:

STATUS: Preliminary - not for construction

COPYRIGHT © 21/12/2016 DESIGNFLOW-UK LTD ALL RIGHTS RESERVED

CEDIA MEMBER

[your brand]
[your tagline]

INTEGRATOR:
[your brand]
100 Your Road,
Your Town., YT1 1YT.

CLIENT:

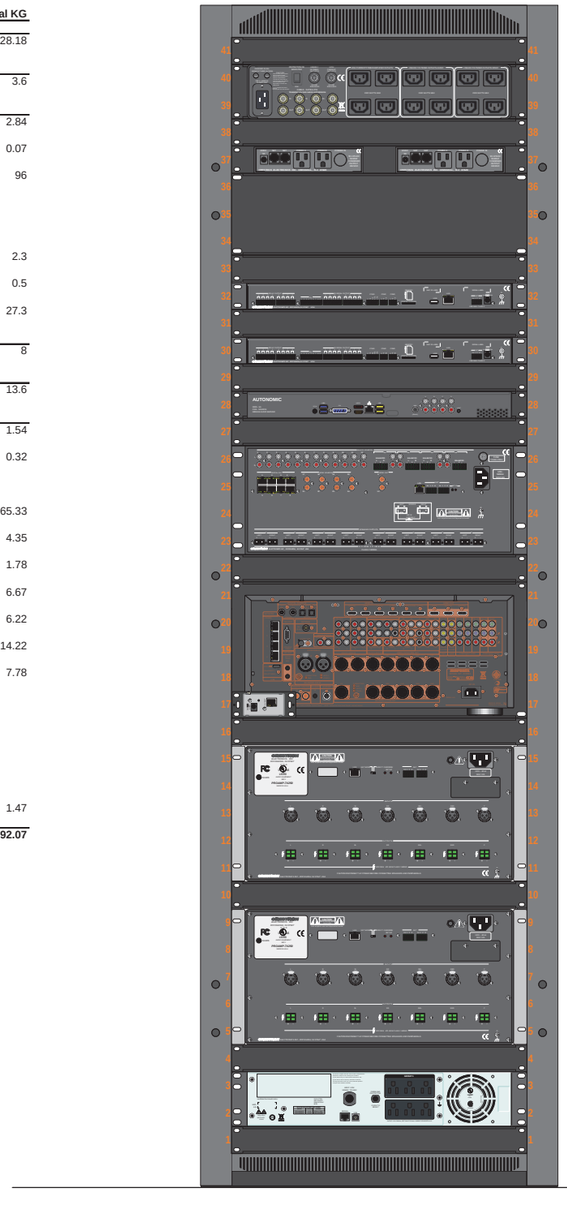
SITE:

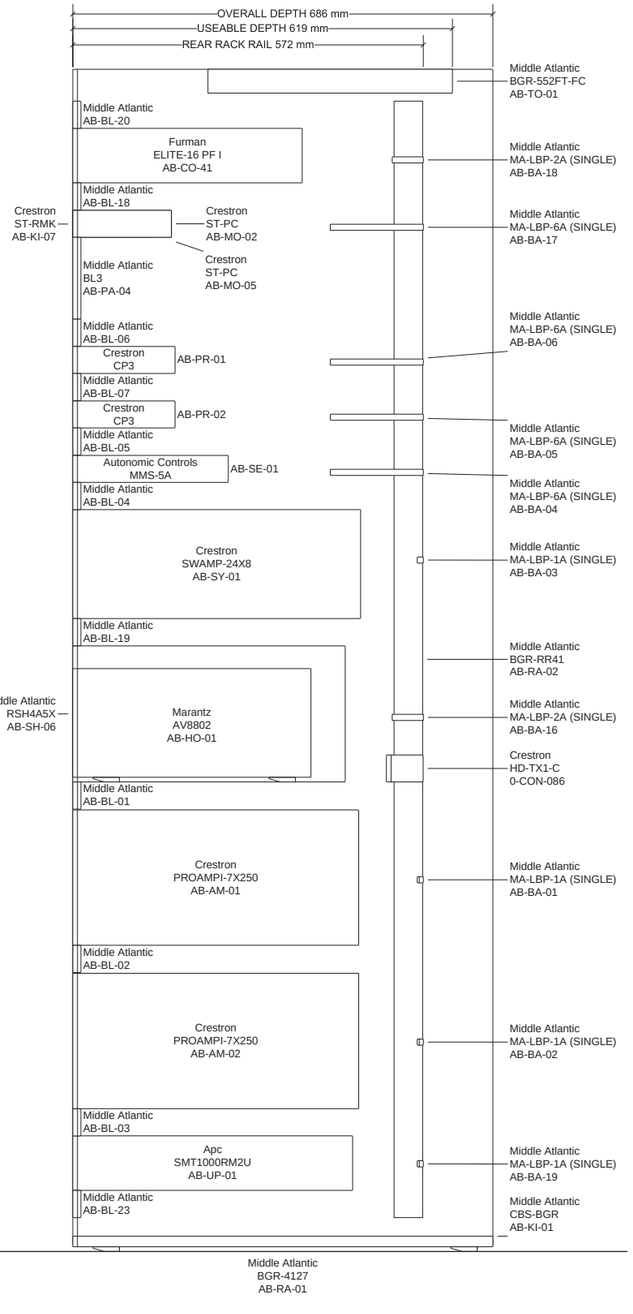
TITLE:
Main Racks Front

SCALE:	DATE:	DRAWN:	CHECKED:
1:5@A1	05/10/2016	KJ	KA

PROJECT NO:	DRAWING NO:	REVISION:
YB_02_C		P0

Model	Description	QTY	Total U	Total Watts	Total BTU	Total KG
Apc						
SMT1000RM2U	Smart UPS - 700 Watt/1000	1	2	1000	3413.71	28.18
Autonomic Controls						
MMS-5A	Five-source mirage media	1	1	64.6	220.42	3.6
Crestron						
CP3	Control processor with ethernet	2	2	30.24	103.18	2.84
HD-TX1-C	Hdmi over shielded twisted pair	1				0.07
PROAMPI-7X250	Procise high-definition	2	10	2760	1250	96
PW-2407WU	Power pack, desktop, 24vdc,	1				
PW-2420RU	Power pack, desktop, 24vdc,	2				
ST-PC	Dual power control module,	2		12	40.94	2.3
ST-RMK	Rack mount kit for cresnet	1	1			0.5
SWAMP-24X8	Professional audio distribution	1	4	219.8	750	27.3
Furman						
ELITE-16 PF I	Ultra-linear AC power source	1	2	2	7.85	8
Marantz						
AV8802	Network audio/video pre-	1		90	306.06	13.6
Middle Atlantic						
BL1	1 space (1 3/4 in.) flanged	11	11			1.54
BL3	BL series flanged panel, 3	1	3			0.32
RSH4A5X	5 space black brushed custom	1	5			
BGR-4127	Gangable rack enclosure	1				65.33
BGR-552FT-FC	Top option - fan top with	1				4.35
BGR-CC-27LT	Cable chase top	1				1.78
BGR-CC-41FB	Cable chase lift	1				6.67
BGR-RR41	Threaded rackrail - pair	1				6.22
BVFD-41	Bgr series front door -vented	1				14.22
CBS-BGR	Caster kit	1				7.78
HP500	Standard rack screw x 500	1				
MA-LBP-1A (SINGLE)	L shaped lacing bar, only	4				
MA-LBP-2A (SINGLE)	L shaped lacing bar, 50mm	2				
MA-LBP-6A (SINGLE)	L shaped lacing bar, 150mm	5				
VBK-BGR	Rear door vent strip	1				1.47
Totals			**41**	**4178.64**	**6092.16**	**292.07**





NOTES:

P0 Drawn KJ 05/10/16

REV:	DESCRIPTION:	BY:	DATE:

STATUS: Preliminary - not for construction

COPYRIGHT © 21/12/2016 DESIGNFLOW-UK LTD ALL RIGHTS RESERVED

CEDIA MEMBER

[your brand]
[your tagline]

INTEGRATOR:
[your brand]
100 Your Road,
Your Town., YT1 1YT.

CLIENT:

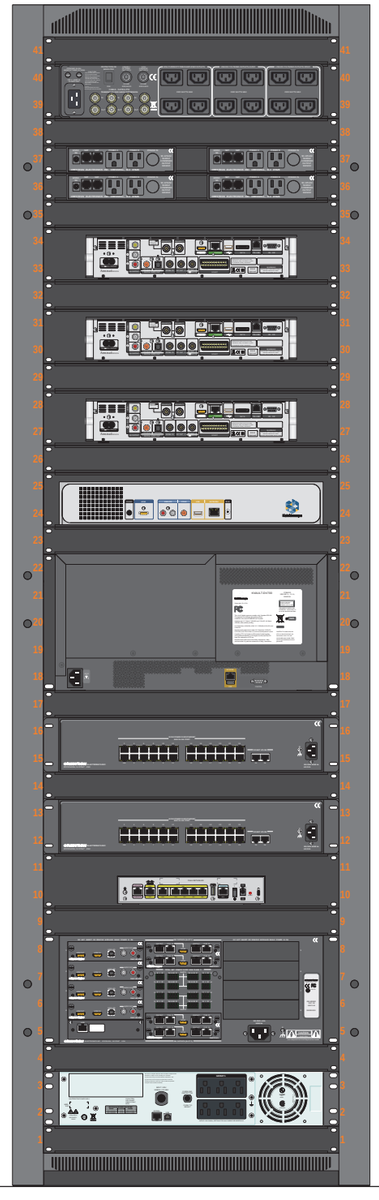
SITE:

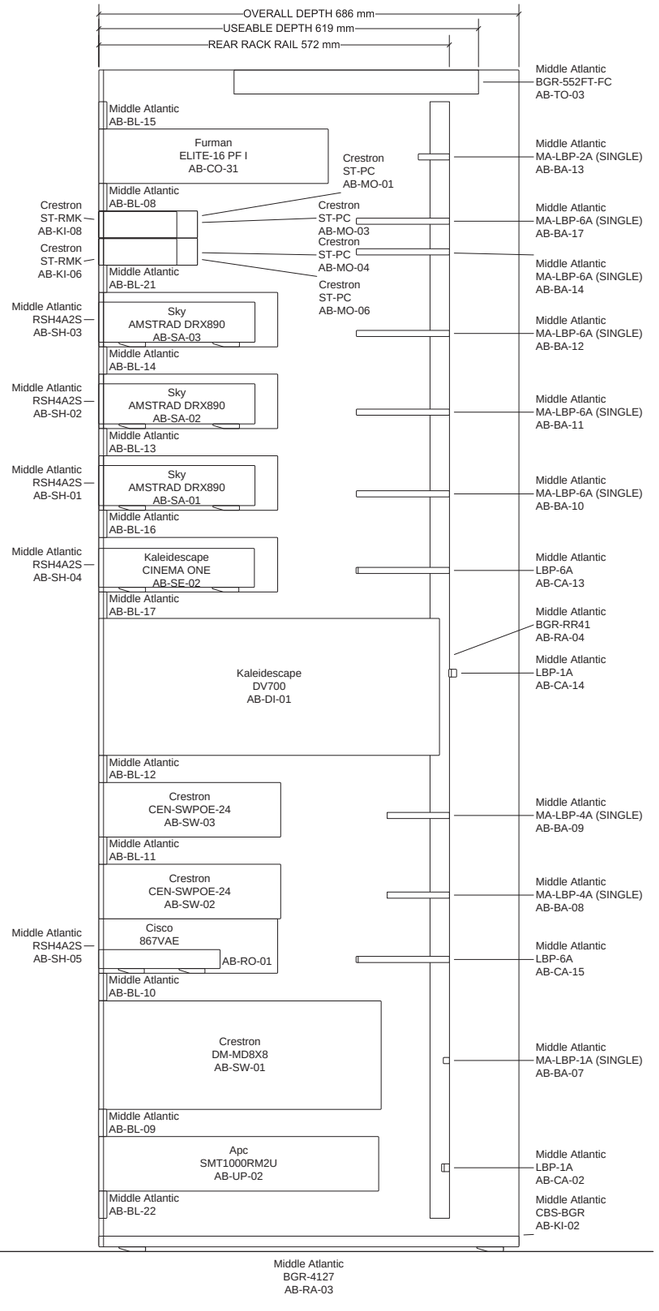
TITLE:
Main Rack Left Build

SCALE:	DATE:	DRAWN:	CHECKED:
1:5@A1	05/10/2016	KJ	KA

PROJECT NO:	DRAWING NO:	REVISION:
YB_02_C		P0

Model	Description	QTY	Total U	Total Watts	Total BTU	Total KG
Apc						
SMT1000RM2U	Smart UPS - 700 Watt/1000	1	2	1000	3413	28.18
Cisco						
867VAE	4-port 10/100 VDSL2/ADSL2+	1		60	204	2.5
Crestron						
CEN-SWPOE-24	24-port managed poe switch	2	4	920	800	3.72
DMC-HD-DSP	Hdmi input card w/down-mixing	4				0.92
DMCO-55	4 DM 8g+ with 2 hdmi output	2				
DM-MD8X8	High definition audio/video	1	4	300	750	9.1
ST-PC	Dual power control module,	4		24	81.88	4.6
ST-RMK	Rack mount kit for cresnet	2	2			1
Furman						
ELITE-16 PF I	Ultra-linear AC power source	1	2	2	7.85	8
Kaleidescape						
CINEMA ONE	Cinema one ultimate movie	1		90	310	10.9
DV700	Disc vault for housing and	1	5	46	160	22.23
Middle Atlantic						
BL1	1 space (1 3/4 in.) flanged	12	12			1.68
BGR-4127	Gangable rack enclosure	1				65.33
BGR-552FT-FC	Top option - fan top with	1				4.35
BGR-RR41	Threaded rackrail - pair	1				6.22
BSPN-41-27	Side panel	1				24
BVFD-41	Bgr series front door -vented	1				14.22
C	Clamp kit for rsh	4				1.8
CBS-BGR	Caster kit	1				7.78
HP500	Standard rack screw x 500	1				
MA-LBP-1A (SINGLE)	L shaped lacing bar, only	3				
MA-LBP-2A (SINGLE)	L shaped lacing bar, 50mm	1				
MA-LBP-4A (SINGLE)	L shaped lacing bar, 100mm	2				
MA-LBP-6A (SINGLE)	L shaped lacing bar, 150mm	8				
RSH4A2S	2 space custom rackmount	5	10			
VBK-BGR	Rear door vent strip	1				1.47
Sky						
AMSTRAD DRX890	High definition satellite receiver	3		135	470.85	6.9
Totals			**41**	**2577**	**6197.58**	**224.9**





NOTES:

P0 Drawn KJ 05/10/16

REV:	DESCRIPTION:	BY:	DATE:

STATUS: Preliminary - not for construction

COPYRIGHT © 21/12/2016 DESIGNFLOW-UK LTD ALL RIGHTS RESERVED

CEDIA MEMBER

[your brand]
[your tagline]

INTEGRATOR:
[your brand]
100 Your Road,
Your Town., YT1 1YT.

CLIENT:

SITE:

TITLE:
Main Rack Right Build

SCALE:	DATE:	DRAWN:	CHECKED:
1:5@A1	05/10/2016	KJ	KA

PROJECT NO:	DRAWING NO:	REVISION:
YB_02_C		P0

KALEIDESCAPE | AB-SE-02 | CINEMA ONE
RCA - LRAUD - ZONE 2 — AB-A-01
RCA - LRAUD - ZONE 3 — AB-A-16
IN | VLAN 2 IP: 10.196.65.72/255.255.255.0 | OUT
A - GROUND\AB - LOUNGE/DINER\HE:AV

AUTONOMIC CONTROLS | AB-SE-01 | MMS-5A
RCA - AUD-LR - D-LR — AB-R-05
RCA - AUD-LR - C-LR — AB-R-04
RCA - AUD-LR - B-LR — AB-R-03
RCA - AUD-LR - A-LR — AB-R-02
RCA - D AUD - MAIN (DIG) — AB-A-15
IN | VLAN 2 IP: 10.196.65.101/255.255.255.0 | OUT
A - GROUND\AB - LOUNGE/DINER\HE:AV

CRESTRON | AB-SW-01 | DM-MD8X8
IN | VLAN 1 IP: 10.196.64.31/255.255.255.0 | OUT
CRESTRON | AB-CA-06 | DMC-HD-DSP
RCA - LRAUD - AUDIO LR — AB-R-09
HDMI - DAV - HDMI — AB-V-06
IN | OUT
CRESTRON | AB-CA-05 | DMC-HD-DSP
RCA - LRAUD - AUDIO LR — AB-R-08
HDMI - DAV - HDMI — AB-V-07
IN | OUT
CRESTRON | AB-CA-04 | DMC-HD-DSP
RCA - LRAUD - AUDIO LR — AB-R-07
HDMI - DAV - HDMI — AB-V-08
IN | OUT
CRESTRON | AB-CA-03 | DMC-HD-DSP
RCA - LRAUD - AUDIO LR — AB-R-06
HDMI - DAV - HDMI — AB-V-09
IN | OUT
A - GROUND\AB - LOUNGE/DINER\HE:AV

CRESTRON | AB-SY-01 | SWAMP-24X8

AB-A-01 → L/R 1 - AUD - RCA	TERM BLK - SPK - SPK L 1 → AB-S-02
AB-A-16 → L/R 2 - AUD - RCA	TERM BLK - SPK - SPK R 1 → AB-S-01
AB-R-05 → L/R 3 - AUD - RCA	TERM BLK - SPK - SPK L 2 → AC-S-01
AB-R-04 → L/R 4 - AUD - RCA	TERM BLK - SPK - SPK R 2 → AC-S-02
AB-R-03 → L/R 5 - AUD - RCA	TERM BLK - SPK - SPK L 3 → BA-S-01
AB-R-02 → L/R 6 - AUD - RCA	TERM BLK - SPK - SPK R 3 → BA-S-02
AB-R-09 → L/R 7 - AUD - RCA	TERM BLK - SPK - SPK L 4 → BC-S-02
AB-R-08 → L/R 8 - AUD - RCA	TERM BLK - SPK - SPK R 4 → BC-S-01
AB-R-07 → L/R 9 - AUD - RCA	TERM BLK - SPK - SPK L 5 → BG-S-02
AB-R-06 → L/R 10 - AUD - RCA	TERM BLK - SPK - SPK R 5 → BG-S-01
	TERM BLK - SPK - SPK L 6 → BD-S-02
	TERM BLK - SPK - SPK R 6 → BD-S-01
	TERM BLK - SPK - SPK L 7 → AA-S-01
	TERM BLK - SPK - SPK R 7 → AA-S-02
	TERM BLK - SPK - SPK L 8 → AG-S-02
	TERM BLK - SPK - SPK R 8 → AG-S-01

IN | VLAN 1 IP: 10.196.64.32/255.255.255.0 | OUT
A - GROUND\AB - LOUNGE/DINER\HE:AV

MARANTZ | AB-HO-01 | AV8802

AB-V-06 → HDMI 1 - DAV - HDMI	XLR - BAUD - FRONT L → AB-A-02
AB-V-07 → HDMI 2 - DAV - HDMI	XLR - BAUD - CENTER → AB-A-08
AB-V-08 → HDMI 3 - DAV - HDMI	XLR - BAUD - FRONT R → AB-A-03
AB-V-09 → HDMI 4 - DAV - HDMI	XLR - BAUD - SURR L → AB-A-04
AB-A-15 → COAX 1 - DAUD - RCA	XLR - BAUD - SURR R → AB-A-05
	XLR - BAUD - BACK L → AB-A-06
	XLR - BAUD - BACK R → AB-A-07
	XLR - BAUD - H 1 L → AB-A-09
	XLR - BAUD - H 1 R → AB-A-10
	XLR - BAUD - H 2 L → AB-A-11
	XLR - BAUD - H 2 R → AB-A-12
	XLR - BAUD - SUB 1 → AB-A-13
	XLR - BAUD - SUB 2 → AB-A-14

IN | VLAN 1 IP: 10.196.64.33/255.255.255.0 | OUT
A - GROUND\AB - LOUNGE/DINER\HE:AV

CRESTRON | AB-AM-02 | PROAMPI-7X250

AB-A-02 → L - B AUD - XLR	TERM BLK - SPK - L → CA-S-01
AB-A-08 → C - B AUD - XLR	TERM BLK - SPK - C → CA-S-02
AB-A-03 → R - B AUD - XLR	TERM BLK - SPK - R → CA-S-03
AB-A-04 → SL - B AUD - XLR	TERM BLK - SPK - SL → CA-S-04
AB-A-05 → SR - B AUD - XLR	TERM BLK - SPK - SR → CA-S-05
AB-A-06 → SBL - B AUD - XLR	TERM BLK - SPK - SBL → CA-S-06
AB-A-07 → SBR - B AUD - XLR	TERM BLK - SPK - SBR → CA-S-07

IN | VLAN 1 IP: 10.196.64.41/255.255.255.0 | OUT
A - GROUND\AB - LOUNGE/DINER\HE:AV

CRESTRON | AB-AM-01 | PROAMPI-7X250

AB-A-09 → L - B AUD - XLR	TERM BLK - SPK - L → CA-S-08
AB-A-10 → R - B AUD - XLR	TERM BLK - SPK - R → CA-S-09
AB-A-11 → SL - B AUD - XLR	TERM BLK - SPK - SL → CA-S-10
AB-A-12 → SR - B AUD - XLR	TERM BLK - SPK - SR → CA-S-11
AB-A-13 → SBL - B AUD - XLR	TERM BLK - SPK - SBL → CA-S-21
AB-A-14 → SBR - B AUD - XLR	TERM BLK - SPK - SBR → CA-S-22

IN | VLAN 1 IP: 10.196.64.23/255.255.255.0 | OUT
A - GROUND\AB - LOUNGE/DINER\HE:AV

CRESTRON EXCITE_IC8-W-T AB-SP-02
AB-S-02 → +/- - SPK SPRING - SPK
A - GROUND\AB - LOUNGE/DINER
CRESTRON EXCITE_IC8-W-T AB-SP-01
AB-S-01 → +/- - SPK SPRING - SPK
A - GROUND\AB - LOUNGE/DINER

CRESTRON EXCITE_IC8-W-T AC-SP-01
AC-S-01 → +/- - SPK SPRING - SPK
A - GROUND\AC - KITCHEN
CRESTRON EXCITE_IC8-W-T AC-SP-02
AC-S-02 → +/- - SPK SPRING - SPK
A - GROUND\AC - KITCHEN

CRESTRON EXCITE_IC8-W-T BA-SP-01
BA-S-01 → +/- - SPK SPRING - SPK
B - FIRST\BA - BED 2
CRESTRON EXCITE_IC8-W-T BA-SP-02
BA-S-02 → +/- - SPK SPRING - SPK
B - FIRST\BA - BED 2

CRESTRON EXCITE_IC6DT-W-T BC-SP-01
BC-S-02 → L +/- - SPK - SPK
BC-S-01 → R +/- - SPK - SPK
B - FIRST\BC - BATH 2

CRESTRON EXCITE_IC8-W-T [EACH] BG-SP-02
BG-S-02 → +/- - PUSH - SPK
B - FIRST\BG - BED 3
CRESTRON EXCITE_IC8-W-T [EACH] BG-SP-01
BG-S-01 → +/- - PUSH - SPK
B - FIRST\BG - BED 3

CRESTRON EXCITE_IC8-W-T BB-SP-02
BB-S-02 → +/- - SPK SPRING - SPK
B - FIRST\BB - MASTER BED
CRESTRON EXCITE_IC8-W-T BB-SP-01
BB-S-01 → +/- - SPK SPRING - SPK
B - FIRST\BB - MASTER BED
CRESTRON EXCITE_IC6DT-W-T BD-SP-01
BD-S-02 → L +/- - SPK - SPK
BD-S-01 → R +/- - SPK - SPK
B - FIRST\BD - BATH 1

CRESTRON EXCITE_IC6DT-W-T AE-SP-01
AE-S-02 → L +/- - SPK - SPK
AE-S-01 → R +/- - SPK - SPK
A - GROUND\AE - BATH 3
CRESTRON EXCITE_IC8-W-T AA-SP-01
AA-S-01 → +/- - SPK SPRING - SPK
A - GROUND\AA - BED 4
CRESTRON EXCITE_IC8-W-T AA-SP-02
AA-S-02 → +/- - SPK SPRING - SPK
A - GROUND\AA - BED 4

CRESTRON EXCITE_IC8-W-T AG-SP-02
AG-S-02 → +/- - SPK SPRING - SPK
A - GROUND\AG - STUDY
CRESTRON EXCITE_IC8-W-T AG-SP-01
AG-S-01 → +/- - SPK SPRING - SPK
A - GROUND\AG - STUDY

ARTCOUSTIC LOUDSPEAKERS SPITFIRE SL 16-8 CA-SP-01
CA-S-01 → +/- - PUSHBUTTON - SPK
LEFT FRONT
C - LOFT\CA - CINEMA
ARTCOUSTIC LOUDSPEAKERS SPITFIRE SL 16-8 CA-SP-02
CA-S-02 → +/- - PUSHBUTTON - SPK
CENTRE
C - LOFT\CA - CINEMA
ARTCOUSTIC LOUDSPEAKERS SPITFIRE SL 16-8 CA-SP-03
CA-S-03 → +/- - PUSHBUTTON - SPK
RIGHT FRONT
C - LOFT\CA - CINEMA
ARTCOUSTIC 40-30 SL 4-2 CA-SP-04
CA-S-04 → +/- - PUSH - SPK
LEFT SURR
C - LOFT\CA - CINEMA
ARTCOUSTIC 40-30 SL 4-2 CA-SP-05
CA-S-05 → +/- - PUSH - SPK
RIGHT SURR
C - LOFT\CA - CINEMA
ARTCOUSTIC 40-30 SL 4-2 CA-SP-06
CA-S-06 → +/- - PUSH - SPK
LEFT BACK
C - LOFT\CA - CINEMA
ARTCOUSTIC 40-30 SL 4-2 CA-SP-07
CA-S-07 → +/- - PUSH - SPK
RIGHT BACK
C - LOFT\CA - CINEMA
ARTCOUSTIC ARCHITECT 4-2 SL CA-SP-08
CA-S-08 → +/- - PUSH - SPK
L F OVERHEAD
C - LOFT\CA - CINEMA
ARTCOUSTIC ARCHITECT 4-2 SL CA-SP-09
CA-S-09 → +/- - PUSH - SPK
R F OVERHEAD
C - LOFT\CA - CINEMA
ARTCOUSTIC ARCHITECT 4-2 SL CA-SP-10
CA-S-10 → +/- - PUSH - SPK
L B OVERHEAD
C - LOFT\CA - CINEMA
ARTCOUSTIC ARCHITECT 4-2 SL CA-SP-11
CA-S-11 → +/- - PUSH - SPK
R B OVERHEAD
C - LOFT\CA - CINEMA
ARTCOUSTIC SPITFIRE CONTROL 3 SUB W/O AMP CA-SU-01
CA-S-21 → +/- - PUSH - SPK
LEFT SUB
C - LOFT\CA - CINEMA
ARTCOUSTIC SPITFIRE CONTROL 3 SUB W/O AMP CA-SU-02
CA-S-22 → +/- - PUSH - SPK
RIGHT SUB
C - LOFT\CA - CINEMA

NOTES:
AUDIO/VIDEO
COMMUNICATIONS
SAFETY & SECURITY
ENVIRONMENTAL
CONTROL
ELECTRICAL

A0 Drawn KJ 05/10/16
REV: | DESCRIPTION: | BY: | DATE:
STATUS: Preliminary - not for construction
COPYRIGHT © 21/12/2016 DESIGNFLOW-UK LTD ALL RIGHTS RESERVED

CEDIA MEMBER
[your brand]
[your tagline]

INTEGRATOR:
[your brand]
100 Your Road,
Your Town., YT1 1YT.

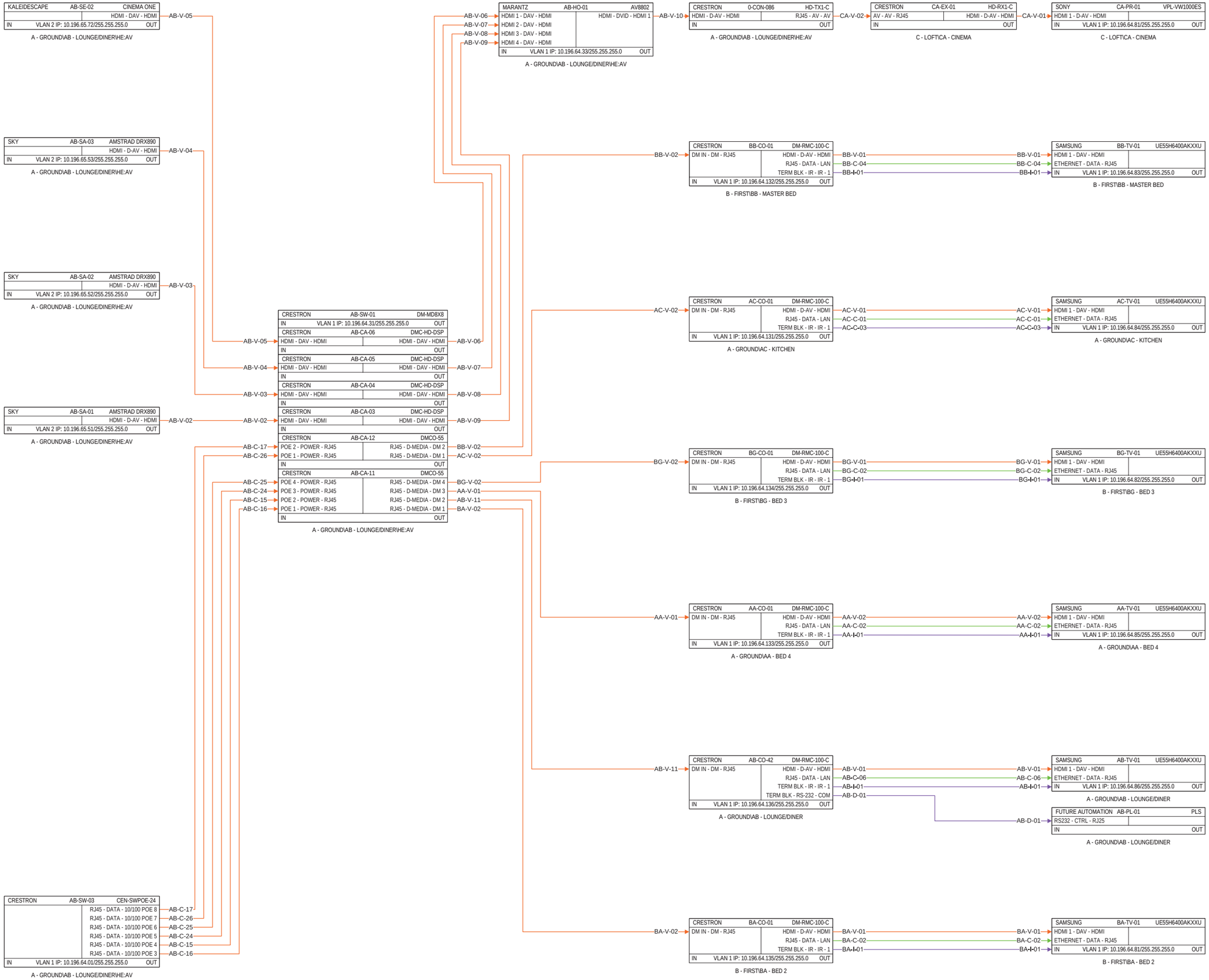
CLIENT:

SITE:

TITLE: **Distributed Audio/Cinema Schematic**

SCALE:	DATE:	DRAWN:	CHECKED:
NTS	05/10/2016	KJ	KA

PROJECT NO:	DRAWING NO:	REVISION:
YB_02_C		A0



NOTES:

AUDIO/VIDEO

COMMUNICATIONS

SAFETY & SECURITY

ENVIRONMENTAL

CONTROL

ELECTRICAL

A0 Drawn KJ 05/10/16

REV:	DESCRIPTION:	BY:	DATE:
	STATUS: Preliminary - not for construction		

COPYRIGHT © 21/12/2016 DESIGNFLOW-UK LTD ALL RIGHTS RESERVED

CEDIA MEMBER

[your brand]
[your tagline]

INTEGRATOR:
[your brand]
100 Your Road,
Your Town., YT1 1YT.

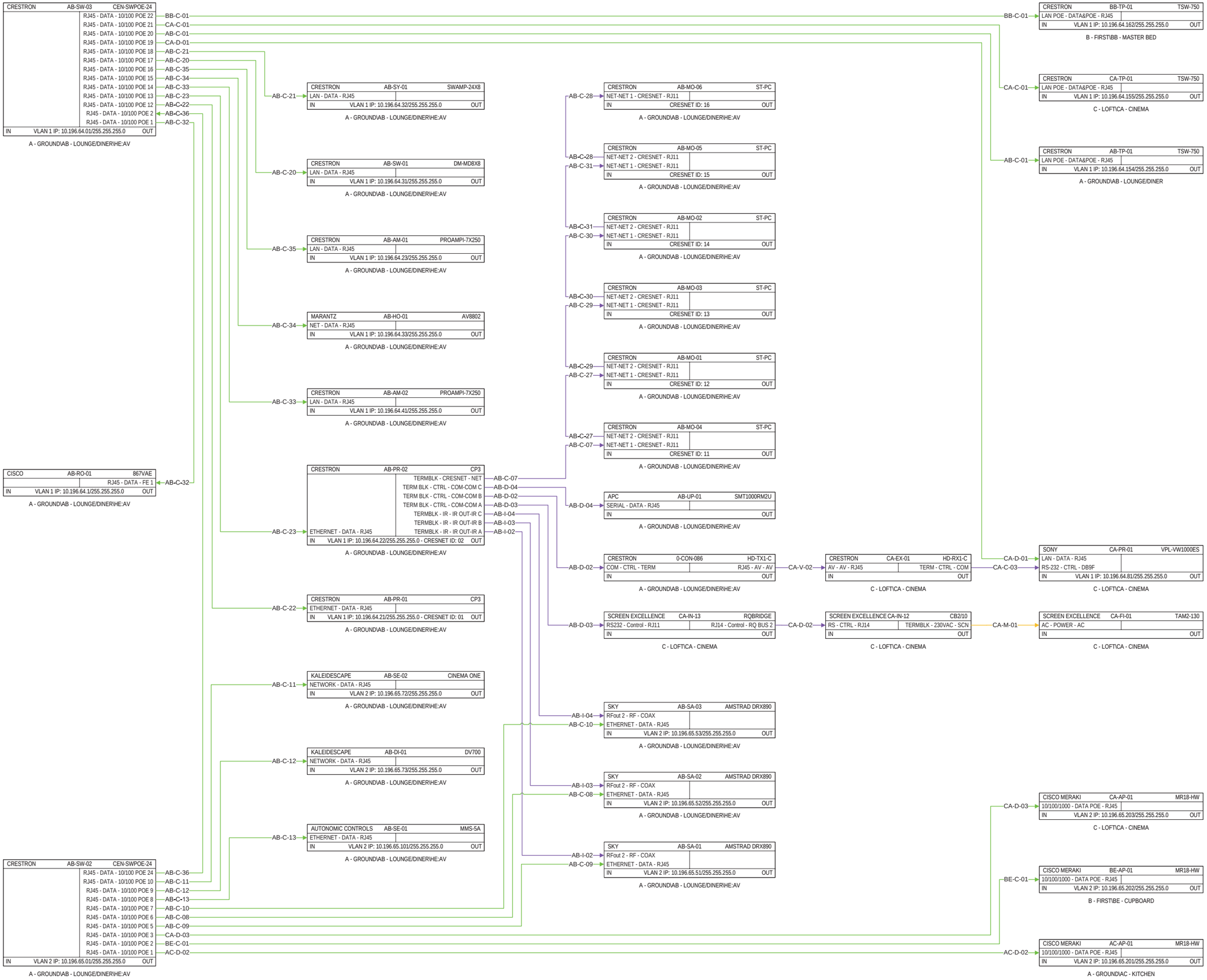
CLIENT:

SITE:

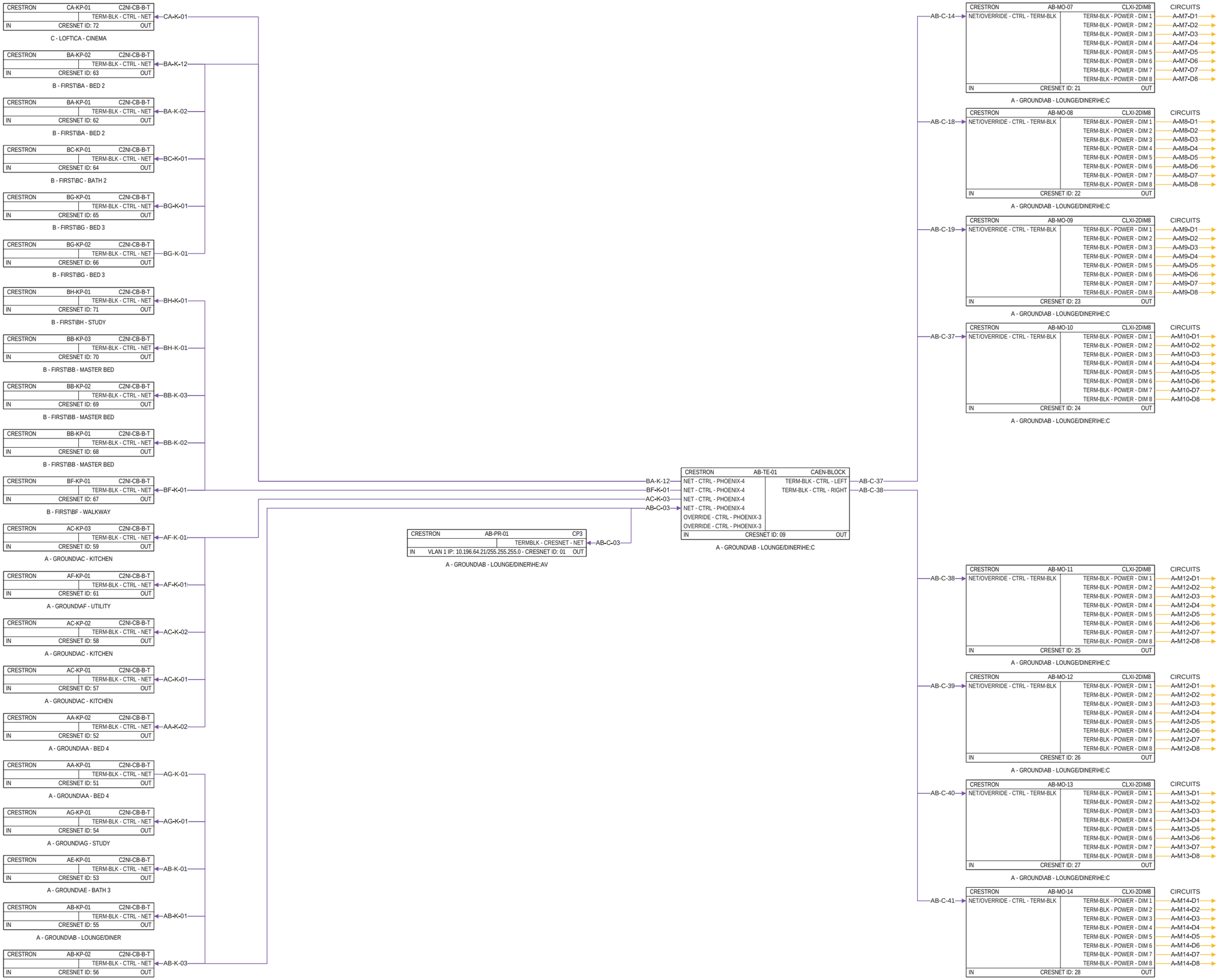
TITLE: **Distributed Video/PoH/IR/ RS232/LAN Schematic**

SCALE:	DATE:	DRAWN:	CHECKED:
NTS	05/10/2016	KJ	KA

PROJECT NO:	DRAWING NO:	REVISION:
YB_02_C		A0



COPYRIGHT © 21/12/2016 DESIGNFLOW-UK LTD ALL RIGHTS RESERVED



NOTES:

- AUDIO/VIDEO
- COMMUNICATIONS
- SAFETY & SECURITY
- ENVIRONMENTAL
- CONTROL
- ELECTRICAL

A0 Drawn KJ 05/10/16

REV:	DESCRIPTION:	BY:	DATE:

STATUS: Preliminary - not for construction

COPYRIGHT © 21/12/2016 DESIGNFLOW-UK LTD ALL RIGHTS RESERVED

CEDIA MEMBER

[your brand]
[your tagline]

INTEGRATOR:
[your brand]
100 Your Road,
Your Town., YT1 1YT.

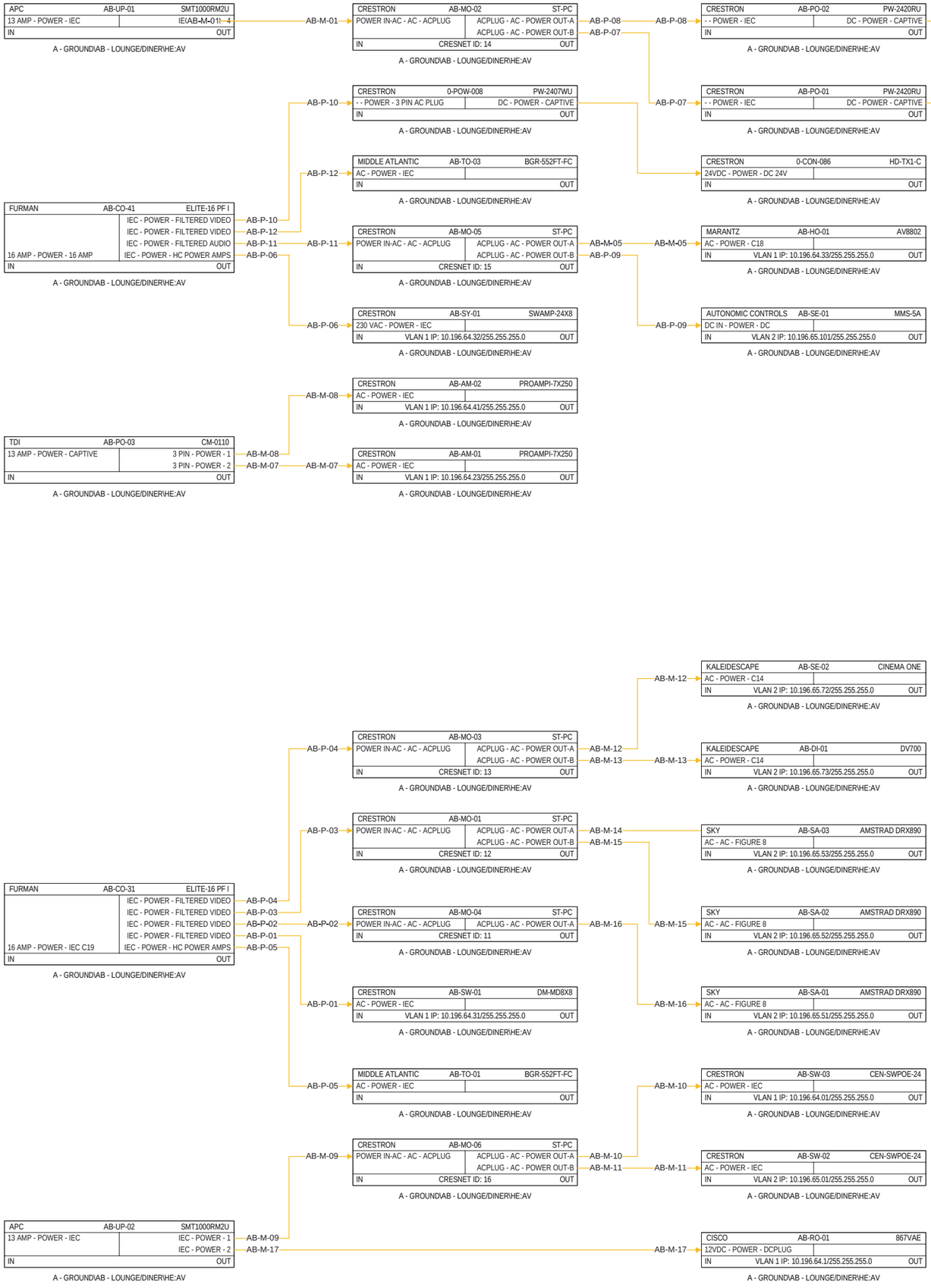
CLIENT:

SITE:

TITLE:
Lighting Schematic

SCALE:	DATE:	DRAWN:	CHECKED:
NTS	05/10/2016	KJ	KA

PROJECT NO:	DRAWING NO:	REVISION:
YB_02_C		A0



COPYRIGHT © 21/12/2016 DESIGNFLOW-UK LTD ALL RIGHTS RESERVED
CEDIA MEMBER
[your brand]
[your tagline]
INTEGRATOR:
[your brand]
100 Your Road,
Your Town., YT1 1YT.
CLIENT:
SITE:
TITLE:
Power Schematic
SCALE: NTS
DATE: 05/10/2016
DRAWN: KJ
CHECKED: KA
PROJECT NO: YB_02_C
DRAWING NO:
REVISION: A0