

# AUDIO-VISUAL SYSTEM DRAWING PACKAGE

## EXAMPLE TITLE PAGE

Designed and Drawn by Joe Held  
heldsystems.net  
Feb. 2024

NOTES:

### NOT FOR PRODUCTION

This drawing set depicts the AV systems for a theoretical conference center with three combinable multipurpose rooms. A central control room manages all equipment and supports adjacent production spaces. The system is designed for secure operation across multiple classification levels. This design is conceptual and does not reflect any real-world facility.

Copyright ©Joseph Held, 2024

All rights reserved. This AutoCAD AV system drawing and its contents, including but not limited to text, graphics, and design, are the intellectual property of Joseph Held. Reproduction, distribution, modification, or sharing of this document, in whole or in part, without the express written permission of the copyright owner, is strictly prohibited.

For permissions or inquiries, please contact:

Joe Held  
joe.held@gmail.com  
heldsystems.net

A	INITIAL DRAWING	JH	02/01/2024
REV:	DESCRIPTION:	BY:	DATE:

STATUS:

ENGINEER:

.logo-no-background.png

JOE HELD

1234 FAKE AVE  
BALTIMORE, MD  
21224  
HELDSYSTEMS.NET

CLIENT:

.logo-black.png

CLIENT NAME

321 FAKE WAY  
SOME PLACE, MD  
21224

SITE:

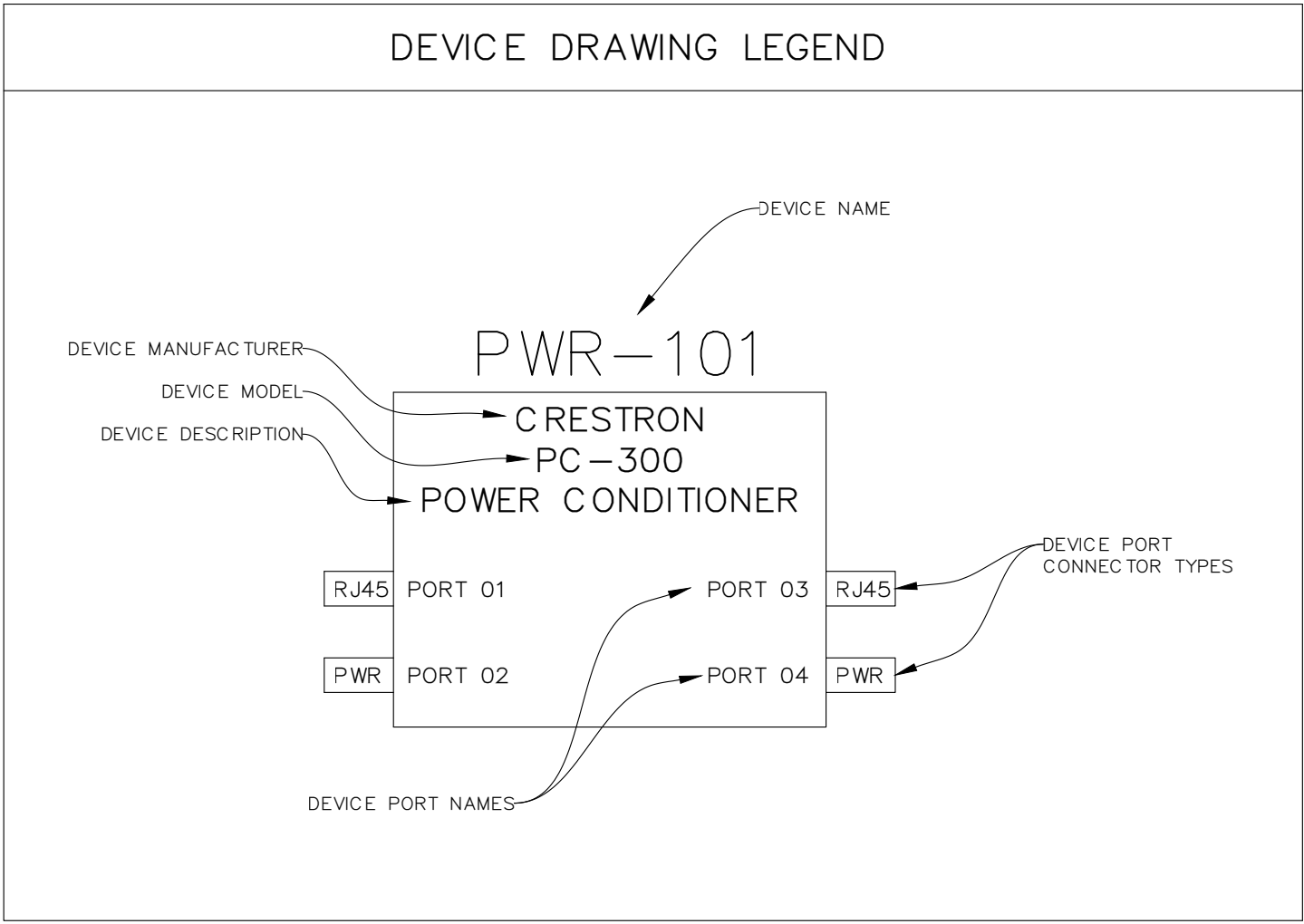
EXAMPLE AV SYSTEM

DRAWING TITLE:

TITLE PAGE

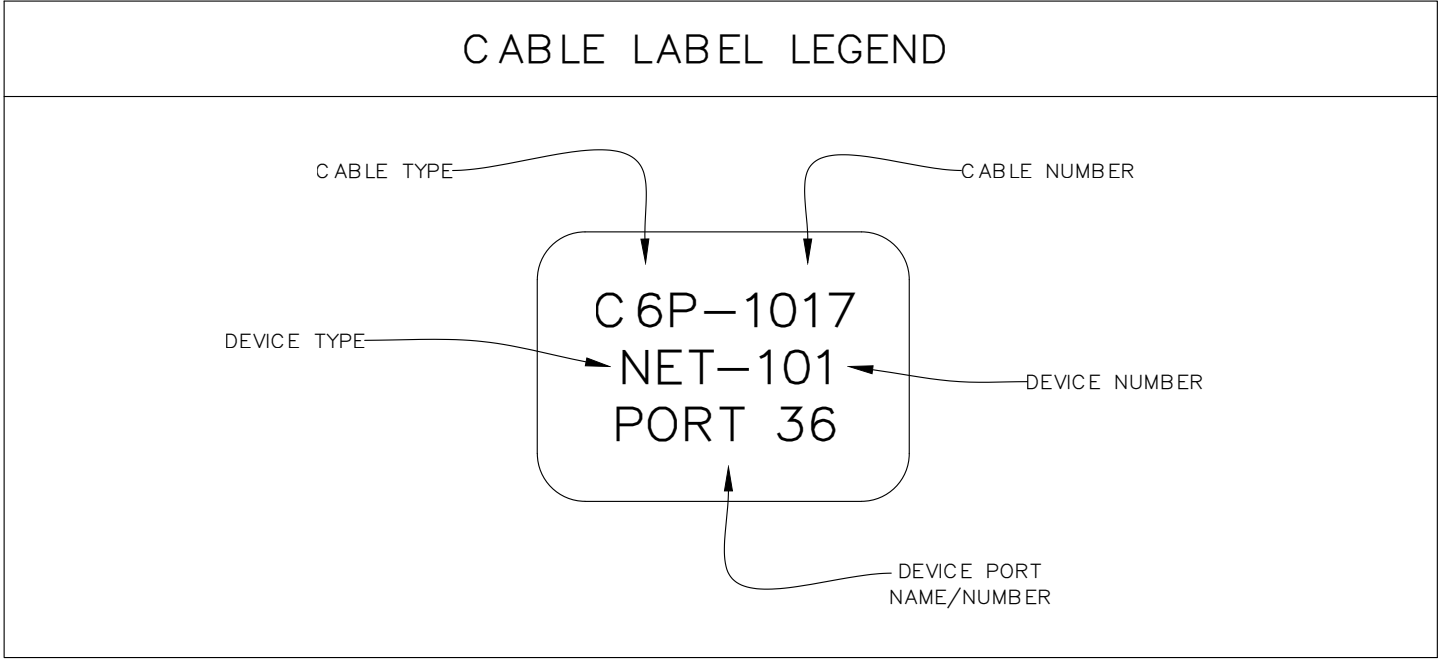
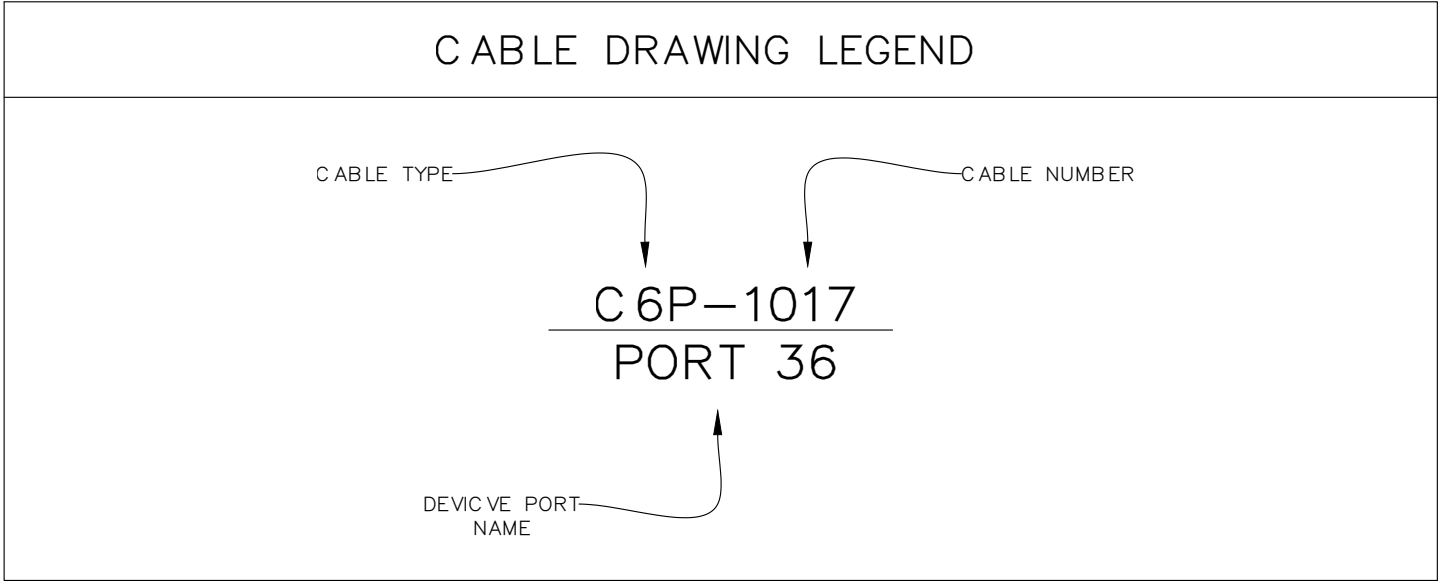
SACLE:	DATE:	DRAWN BY:	CHECKED BY:
NTS	2/1/24	JH	_____
PROJECT:	SHEET:	REVISION:	
_____	AV-01	A	

A/V CABLE CONNECTOR SYMBOL LEGEND			
DATA / CONTROL	AUDIO	VIDEO	MISCELLANEOUS
<div>RJ11</div> — 6P4C MODULAR PLUG	<div>XLR<sup>F</sup></div> — 3 PIN XLR CONNECTOR, FEMALE	<div>HDMI</div> — HDMI CONNECTOR	<div>PHX</div> — PHOENIX BLOCK
<div>RJ45</div> — 8P8C MODULAR PLUG	<div>XLR<sup>M</sup></div> — 3 PIN XLR CONNECTOR, MALE	<div>DVI</div> — DVI CONNECTOR	<div>BW</div> — BARE WIRE CONNECTION
<div>SJ45</div> — 8P8C MODULAR PLUG, SHIELDED	<div>TS</div> — ¼" TIP-SLEEVE CONNECTOR	<div>VGA</div> — VGA CONNECTOR	<div>BC</div> — BARREL CONNECTOR
<div>D9<sup>F</sup></div> — 9 PIN D-SUB CONNECTOR, FEMALE	<div>TRS</div> — ¼" TIP-RING-SLEEVE CONNECTOR	<div>F</div> — F TYPE COAXIAL CONNECTOR	<div>PWR</div> — IEC POWER CABLE CONNECTOR
<div>D9<sup>M</sup></div> — 9 PIN D-SUB CONNECTOR, MALE	<div>MTRS</div> — ½" TIP-RING-SLEEVE CONNECTOR	<div>BNC</div> — BNC COAXIAL CONNECTOR	<div>FS</div> — FACTORY SUPPLIED/CUSTOM CONNECTOR
<div>LC</div> — LC FIBER CONNECTOR	<div>RCM</div> — RCA CONNECTOR, MALE	<div>ABNC</div> — ABNC COAXIAL CONNECTOR	
<div>SC</div> — SC FIBER CONNECTOR	<div>RCF</div> — RCA CONNECTOR, FEMALE	<div>MBNC</div> — MINI-BNC COAXIAL CONNECTOR	
<div>USB<sup>A</sup></div> — USB-A CONNECTOR	<div>NL4</div> — 4 POLE SPEAKON CONNECTOR	<div>DP</div> — DISPLAY PORT CONNECTOR	
<div>USB<sup>B</sup></div> — USB-B CONNECTOR		<div>MDP</div> — MINI-DISPLAY PORT CONNECTOR	
<div>USB<sup>C</sup></div> — USB-C CONNECTOR			



A/V DEVICE SYMBOL LEGEND	
SYMBOL	DESCRIPTION
<div>CAM000</div>	PTZ/TRACKING CAMERA
<div>ER-000</div>	EQUIPMENT RACK
<div>FB000</div>	FLOOR BOX
<div>LCD-000</div>	WALL MOUNTED LCD DISPLAY
<div>MIC-000</div>	CEILING MICROPHONE ARRAY
<div>MUTE000</div>	MICROPHONE MUTE BUTTON
<div>NVXE000</div>	NVX ENDPOINT, (TX OR RX)
<div>SPK-000</div>	CEILING SPEAKER
<div>TP000</div>	TOUCH PANEL
<div>USB000</div>	USB HUB OR PLATE
<div>WB000</div>	WALL BOX
<div>WP000</div>	WALL PLATE

CABLE AND WIRE TYPE SCHEDULE				
CODE	CABLE TYPE	MANUFACTURER	PART NO.	DESCRIPTION
A1	ANTENNA	BELDEN	82240 010Z1000	RG-58 COAXIAL CABLE, 50Ω, 20AWG SOLID, PLENUM, 1000'
C1	RS232/SERIAL	BELDEN	8451 010U1000	SINGLE PAIR 22/2 STRANDED CABLE, SHIELD & DRAIN, PLENUM, 1000'
C3	CATEGORY 3	COMMSCOPE	760171033	CAT 6A TWISTED PAIR CABLE, F/UTP (SHIELDED), 23AWG SOLID, PLENUM, PURPLE, 1000'
C6	CATEGORY 6/6A	COMMSCOPE	760171033	CAT 6A TWISTED PAIR CABLE, F/UTP (SHIELDED), 23AWG SOLID, PLENUM, PURPLE, 1000'
C6P	CATEGORY 6/6A, PATCH CABLE	MONOPRICE	8600	CAT 6A TWISTED PAIR PATCH CABLE, S/FTP (SHIELDED), 26AWG STRANDED, PURPLE, 6"
DP	DISPLAY PORT	MONOPRICE	VARIOUS	DISPLAY PORT VIDEO CABLE, VARIOUS LENGTHS
F1	CATV COAXIAL	BELDEN	9116 010U1000	RG-6 COAXIAL CABLE, 75Ω, 18AWG SOLID, 1000'
FS	FACTORY SUPPLIED	VARIOUS	VARIOUS	VARIOUS VENDOR SPECIFIC FACTORY SUPPLIED CABLES
HD	HDMI	CRESTRON	VARIOUS	HDMI 2.1 CABLE, 48 GBPS, 8K, VARIOUS LENGTHS
L1	LINE LEVEL AUDIO, BALANCED	BELDEN	8451 010U1000	SINGLE PAIR 22/2 STRANDED CABLE, SHIELD & DRAIN, PLENUM, 1000'
L2	LINE LEVEL AUDIO, UNBALANCED	BELDEN	8451 010U1000	SINGLE PAIR 22/2 STRANDED CABLE, SHIELD & DRAIN, PLENUM, 1000'
M1	MIC LEVEL AUDIO, BALANCED	BELDEN	8451 010U1000	SINGLE PAIR 22/2 STRANDED CABLE, SHIELD & DRAIN, PLENUM, 1000'
MMF	MULTIMODE FIBER	CORNING	VARIOUS	BULK MULTIMODE FIBER CABLE, VARIOUS LENGTHS AND STRAND COUNT
PWR	POWER	VARIOUS	VARIOUS	VARIOUS DEVICE/VENDOR SPECIFIC POWER CABLES, HIGH AND LOW VOLTAGE
S1	SPEAKER, 16AWG	BELDEN	5100UE 010Z1000	2 CONDUCTOR SPEAKER CABLE, 16AWG, 1000' REELTUFF BOX
S2	SPEAKER, 12AWG	BELDEN	6000UE 010Z1000	2 CONDUCTOR SPEAKER CABLE, 12AWG, 1000' REELTUFF BOX
SDI	COAXIAL VIDEO CABLE, RG59	BELDEN	9116 010U1000	RG-6 COAXIAL CABLE, 75Ω, 18AWG SOLID, 1000'
SMF	SINGLEMODE FIBER	CORNING	VARIOUS	BULK SINGLEMODE FIBER CABLE, VARIOUS LENGTHS AND STRAND COUNT
USB	USB 2.0	MONOPRICE	VARIOUS	USB 2 DEVICE CABLES, VARIOUS LENGTHS AND CONNECTOR TYPES
USB3	USB 3.0+	MONOPRICE	VARIOUS	USB 3+ DEVICE CABLES, VARIOUS LENGTHS AND CONNECTOR TYPES
VGA	VGA	VARIOUS	VARIOUS	VGA VIDEO CABLE, VARIOUS LENGTHS



NOTES:

## NOT FOR PRODUCTION

This drawing set depicts the AV systems for a theoretical conference center with three combinable multipurpose rooms. A central control room manages all equipment and supports adjacent production spaces. The system is designed for secure operation across multiple classification levels. This design is conceptual and does not reflect any real-world facility.

Copyright ©Joseph Held, 2024

All rights reserved. This AutoCAD AV system drawing and its contents, including but not limited to text, graphics, and design, are the intellectual property of Joseph Held. Reproduction, distribution, modification, or sharing of this document, in whole or in part, without the express written permission of the copyright owner, is strictly prohibited.

For permissions or inquiries, please contact:

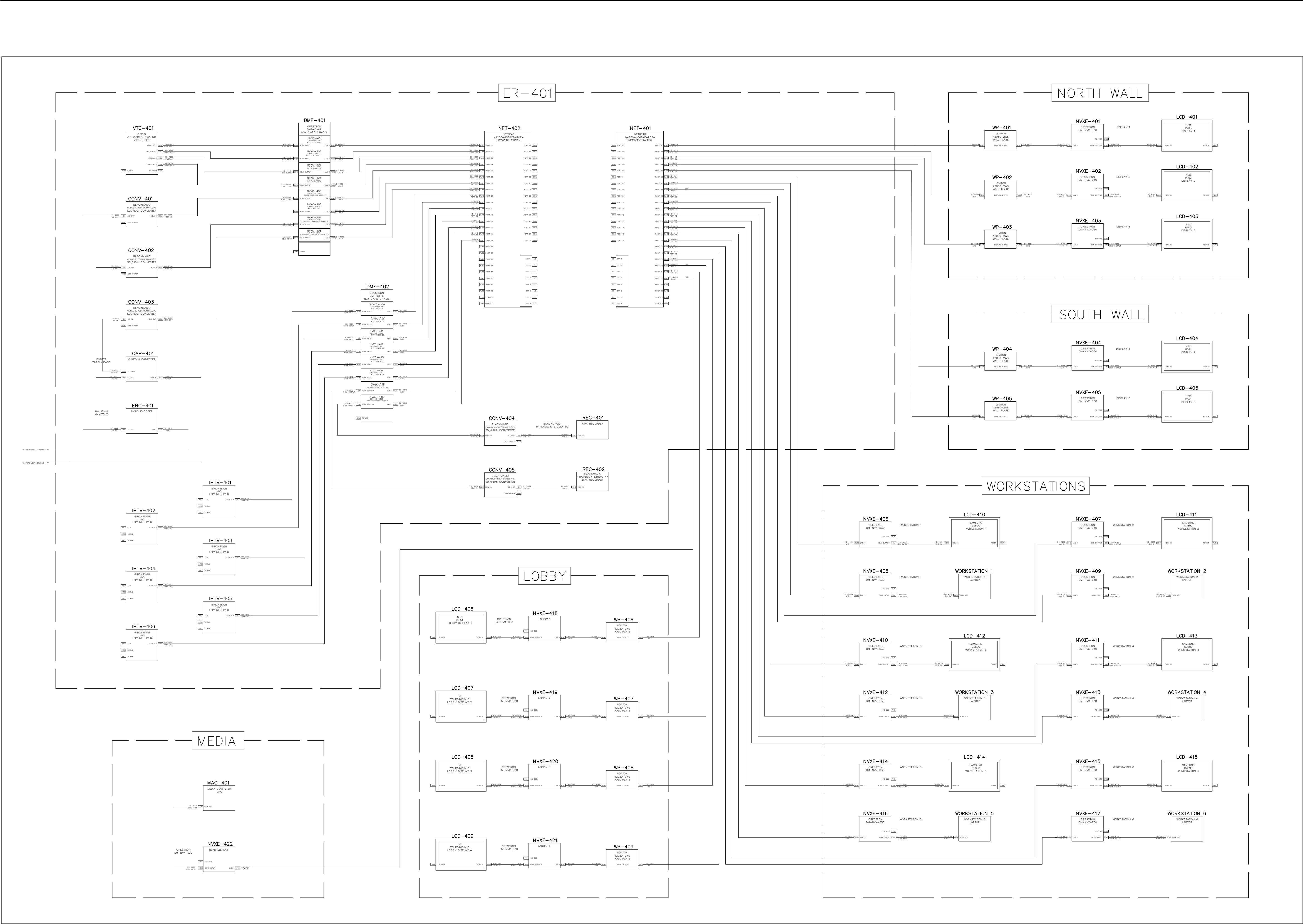
Joe Held  
joe.held@gmail.com  
heldsystems.net

A	INITIAL DRAWING	JH	02/01/2024
REV:	DESCRIPTION:	BY:	DATE:
STATUS:			

ENGINEER:	JOE HELD 1234 FAKE AVE BALTIMORE, MD 21224 HELDSYSTEMS.NET
.logo-no-background.png	

CLIENT:	.logo-black.png
CLIENT NAME	
321 FAKE WAY SOME PLACE, MD 21224	

SITE:			
EXAMPLE AV SYSTEM			
DRAWING TITLE:			
DRAWING LEGEND			
SACLE:	DATE:	DRAWN BY:	CHECKED BY:
NTS	2/1/24	JH	_____
PROJECT:	SHEET:		REVISION:
_____	AV-03		A



NOTES:

NOT FOR PRODUCTION

This drawing set depicts the AV systems for a theoretical conference center with three combinable multipurpose rooms. A central control room manages all equipment and supports adjacent production spaces. The system is designed for secure operation across multiple classification levels. This design is conceptual and does not reflect any real-world facility.

Copyright ©Joseph Held, 2024

All rights reserved. This AutoCAD AV system drawing and its contents, including but not limited to text, graphics, and design, are the intellectual property of Joseph Held. Reproduction, distribution, modification, or sharing of this document, in whole or in part, without the express written permission of the copyright owner, is strictly prohibited.

For permissions or inquiries, please contact:

Joe Held  
joe.held@gmail.com  
heldsystems.net

A	INITIAL DRAWING	JH	02/01/2024
REV:	DESCRIPTION:	BY:	DATE:
STATUS:			

ENGINEER:

JOE HELD

1234 FAKE AVE  
BALTIMORE, MD  
21224  
HELDSYSTEMS.NET

CLIENT:

CLIENT NAME

321 FAKE WAY  
SOME PLACE, MD  
21224

SITE:

EXAMPLE AV SYSTEM

DRAWING TITLE:

AVC TRL - VIDEO DISTRIBUTION

SACLE:	DATE:	DRAWN BY:	CHECKED BY:
NTS	2/1/24	JH	---
PROJECT:	SHEET:	REVISION:	
---	AV-06	A	

MP01 - A/V DEVICE SCHEDULE (1/2)

ER-101						
#	DEVICE NAME	MAKE	MODEL	DESCRIPTION	STATUS	NOTES
1	NET-101	NETGEAR	M4250-40G8XF-POE+	NETWORK SWITCH	NEW	
2	NET-102	NETGEAR	M4250-40G8XF-POE+	NETWORK SWITCH	NEW	
3	DMF-101	CRESTRON	DMF-CI-8	NVX CARD CHASIS	NEW	
4	NVXC-101	CRESTRON	DM-NVX-D30C	NVX DECODER CARD	NEW	VIDEO SWITCHER IN 01
5	NVXC-102	CRESTRON	DM-NVX-D30C	NVX DECODER CARD	NEW	VIDEO SWITCHER IN 02
6	NVXC-103	CRESTRON	DM-NVX-D30C	NVX DECODER CARD	NEW	VIDEO SWITCHER IN 03
7	NVXC-104	CRESTRON	DM-NVX-D30C	NVX DECODER CARD	NEW	VIDEO SWITCHER IN 04
8	NVXC-105	CRESTRON	DM-NVX-D30C	NVX DECODER CARD	NEW	VIDEO SWITCHER IN 05
9	NVXC-106	CRESTRON	DM-NVX-D30C	NVX DECODER CARD	NEW	VIDEO SWITCHER IN 06
10	NVXC-107	CRESTRON	DM-NVX-D30C	NVX DECODER CARD	NEW	VIDEO SWITCHER IN 07
11	NVXC-108	CRESTRON	DM-NVX-D30C	NVX DECODER CARD	NEW	VIDEO SWITCHER IN 08
12	DMF-102	CRESTRON	DMF-CI-8	NVX CARD CHASIS	NEW	
13	NVXC-109	CRESTRON	DM-NVX-E30C	NVX DECODER CARD	NEW	VIDEO SWITCHER PERVIEW VIDEO
14	NVXC-110	CRESTRON	DM-NVX-E30C	NVX DECODER CARD	NEW	VIDEO SWITCHER PROGRAM VIDEO
15	NVXC-111	CRESTRON	DM-NVX-E30C	NVX DECODER CARD	NEW	CAMERA 1
16	NVXC-112	CRESTRON	DM-NVX-E30C	NVX DECODER CARD	NEW	CAMERA 2
17	NVXC-113	CRESTRON	DM-NVX-363C	NVX ENCODER/DECODER CARD	NEW	AUXILIARY 1
18	NVXC-114	CRESTRON	DM-NVX-363C	NVX ENCODER/DECODER CARD	NEW	AUXILIARY 2
19	NVXC-115	CRESTRON	DM-NVX-363C	NVX ENCODER/DECODER CARD	NEW	ROUTABLE AUDIO
20	NVXC-116	CRESTRON	DM-NVX-363C	NVX ENCODER/DECODER CARD	NEW	AUXILIARY 3
21	CONV-101	BLACKMAGIC	CONVCMIC/SH03G/WPSU	SDI/HDMI CONVERTER	NEW	VIDEO SWITCHER IN 01
22	CONV-102	BLACKMAGIC	CONVCMIC/SH03G/WPSU	SDI/HDMI CONVERTER	NEW	VIDEO SWITCHER IN 02
23	CONV-103	BLACKMAGIC	CONVCMIC/SH03G/WPSU	SDI/HDMI CONVERTER	NEW	VIDEO SWITCHER IN 03
24	CONV-104	BLACKMAGIC	CONVCMIC/SH03G/WPSU	SDI/HDMI CONVERTER	NEW	VIDEO SWITCHER IN 04
25	CONV-105	BLACKMAGIC	CONVCMIC/SH03G/WPSU	SDI/HDMI CONVERTER	NEW	VIDEO SWITCHER IN 05
26	CONV-106	BLACKMAGIC	CONVCMIC/SH03G/WPSU	SDI/HDMI CONVERTER	NEW	VIDEO SWITCHER IN 06
27	CONV-107	BLACKMAGIC	CONVCMIC/SH03G/WPSU	SDI/HDMI CONVERTER	NEW	VIDEO SWITCHER IN 07
28	CONV-108	BLACKMAGIC	CONVCMIC/SH03G/WPSU	SDI/HDMI CONVERTER	NEW	VIDEO SWITCHER IN 08
29	CONV-109	BLACKMAGIC	CONVCMIC/SH03G/WPSU	SDI/HDMI CONVERTER	NEW	VIDEO SWITCHER PREVIEW VIDEO
30	CONV-110	BLACKMAGIC	CONVCMIC/SH03G/WPSU	SDI/HDMI CONVERTER	NEW	VIDEO SWITCHER PROGRAM VIDEO
31	CONV-111	BLACKMAGIC	CONVCMIC/SH03G/WPSU	SDI/HDMI CONVERTER	NEW	CAMERA 1
32	CONV-112	BLACKMAGIC	CONVCMIC/SH03G/WPSU	SDI/HDMI CONVERTER	NEW	CAMERA 2
33	SBOX-101	YAMAHA	RIO 3224-D2	DANTE STAGE BOX	NEW	FLOORBOX MIC INPUTS
34	WRX-101	SHURE	ULXD4Q	WIRELESS MIC RECEIVER	EXISTING	
35	AMP-101	QSC	CX-2 2K4	CEILING SPEAKER AMPLIFIER	NEW	
36	PWR-101	CRESTRON	PC-300	POWER CONDITIONER	NEW	
37	PWR-102	CRESTRON	PC-300	POWER CONDITIONER	NEW	
38	PWR-103	CRESTRON	PC-300	POWER CONDITIONER	NEW	
39	PWR-104	CRESTRON	PC-300	POWER CONDITIONER	NEW	

MP01 - OPERATOR TABLE

#	DEVICE NAME	MAKE	MODEL	DESCRIPTION	STATUS	NOTES
40	AMIX-101	YAMAHA	QL5	AUDIO MIXER	EXISTING	
41	MIC-104	SHURE	SM85	TALKBACK MIC	EXISTING	
42	SPK-110	YAMAHA	MS101 III	MONITOR SPEAKER	EXISTING	
43	DGE-101	CRESTRON	DM-DGE-200-C	GRAPHICS ENGINE	EXISTING	
44	TP-101	CRESTRON	TSB-2020-B	20" TOUCH SCREEN	EXISTING	
45	PTZC-101	PANASONIC	AW-RP120	PTZ CAMERA CONTROLLER	EXISTING	
46	VMIX-101	BLACKMAGIC	TV STUDIO 4K8	VIDEO SWITCHER	NEW	
47	CONV-113	BLACKMAGIC	CONVCMIC/SH03G/WPSU	SDI/HDMI CONVERTER	NEW	
48	CONV-114	BLACKMAGIC	CONVCMIC/SH03G/WPSU	SDI/HDMI CONVERTER	NEW	
49	LCD-103	SAMSUNG	P2450H	24" LCD MONITOR	EXISTING	VIDEO MIXER MULTI-VIEW
50	LCD-104	SAMSUNG	P2450H	24" LCD MONITOR	EXISTING	VIDEO MIXER PROGRAM VIDEO

MP01 - BACK TABLE

#	DEVICE NAME	MAKE	MODEL	DESCRIPTION	STATUS	NOTES
51	WP-104	LEVITON	42080-6WS	6 PORT WALL PLATE	NEW	
52	NVXE-102	CRESTRON	DM-NVX-E30	NVX ENCODER ENDPOINT	NEW	
53	NVXE-104	CRESTRON	DM-NVX-E30	NVX ENCODER ENDPOINT	NEW	
54	NVXE-103	CRESTRON	DM-NVX-D30	NVX DECODER ENDPOINT	NEW	
55	NVXE-105	CRESTRON	DM-NVX-D30	NVX DECODER ENDPOINT	NEW	
56	AVB-101	VADCO	999-9210-000	AV BRIDGE	EXISTING	
57	LCD-102	LG	25MB35PY	24" LCD MONITOR	EXISTING	
58	MIC-103	AUDIO TECHNICA	U857Q	GOOSENECK MIC	NEW	
59	WP-105	PRO CO	WP1004	XLR WALL PLATE	NEW	
60	TP-102	CRESTRON	TSW-560-B-S	5" TOUCH PANEL	EXISTING	

MP01 - A/V DEVICE SCHEDULE (2/2)

MP01 - CEILING						
#	DEVICE NAME	MAKE	MODEL	DESCRIPTION	STATUS	NOTES
61	NVXE-107	CRESTRON	DM-NVX-D30	NVX DECODER ENDPOINT	NEW	
62	PROJ-101	PANASONIC	PT-DZ16K2U	CEILING PROJECTOR	EXISTING	
63	SPLT-101	SHURE	UA221	ANTENNA SPLITTER	EXISTING	
64	SPLT-102	SHURE	UA221	ANTENNA SPLITTER	EXISTING	
65	SPLT-103	SHURE	UA221	ANTENNA SPLITTER	EXISTING	
66	SPLT-104	SHURE	UA221	ANTENNA SPLITTER	EXISTING	
67	UHF-101	SHURE	UA830	UHF AMPLIFIER	EXISTING	
68	UHF-102	SHURE	UA830	UHF AMPLIFIER	EXISTING	
69	UHF-103	SHURE	UA830	UHF AMPLIFIER	EXISTING	
70	UHF-104	SHURE	UA830	UHF AMPLIFIER	EXISTING	
71	ANT-101	SHURE	UA8-470-636	WIRELESS MIC ANTENNA	EXISTING	
72	ANT-102	SHURE	UA8-470-636	WIRELESS MIC ANTENNA	EXISTING	
73	ANT-103	SHURE	UA8-470-636	WIRELESS MIC ANTENNA	EXISTING	
74	ANT-104	SHURE	UA8-470-636	WIRELESS MIC ANTENNA	EXISTING	
75	MIC-101	SHURE	MXA920WS	CEILING MIC ARRAY	NEW	
76	MIC-102	SHURE	MXA920WS	CEILING MIC ARRAY	NEW	
77	SPK-101	QSC	AD-C6T	6" CEILING SPEAKER	NEW	
78	SPK-102	QSC	AD-C6T	6" CEILING SPEAKER	NEW	
79	SPK-103	QSC	AD-C6T	6" CEILING SPEAKER	NEW	
80	SPK-104	QSC	AD-C6T	6" CEILING SPEAKER	NEW	
81	SPK-105	QSC	AD-C6T	6" CEILING SPEAKER	NEW	
82	SPK-106	QSC	AD-C6T	6" CEILING SPEAKER	NEW	
83	SPK-107	QSC	AD-C6T	6" CEILING SPEAKER	NEW	
84	SPK-108	QSC	AD-C6T	6" CEILING SPEAKER	NEW	
85	SPK-109	QSC	AD-C6T	6" CEILING SPEAKER	NEW	
86	SCRN-101	DRAPER	ACCESS V	PROJECTION SCREEN	EXISTING	

MP01 - BACK WALL

#	DEVICE NAME	MAKE	MODEL	DESCRIPTION	STATUS	NOTES
87	WP-102	LEVITON	42080-2WS	2 PORT WALL PLATE	NEW	
88	WP-103	LEVITON	42080-2WS	2 PORT WALL PLATE	NEW	
89	NVXE-101	CRESTRON	DM-NVX-D30	NVX DECODER ENDPOINT	NEW	
90	LCD-101	NEC	C961Q	86" LCD MONITOR	EXISTING	
91	CAM-102	PANASONIC	AW-UE150	PTZ CAMERA	NEW	

MP01 - FRONT WALL

#	DEVICE NAME	MAKE	MODEL	DESCRIPTION	STATUS	NOTES
92	WP-101	LEVITON	42080-2WS	2 PORT WALL PLATE	NEW	
93	CAM-101	PANASONIC	AW-UE150	PTZ CAMERA	NEW	
94	SCRN-101	DRAPER	LVC-S	PROJECTION SCREEN CONTROL	EXISTING	

MP01 - PODIUM

#	DEVICE NAME	MAKE	MODEL	DESCRIPTION	STATUS	NOTES
95	FB-101	LEVITON	42080-2WS	2 PORT FLOOR PLATE	NEW	
96	NVXE-106	CRESTRON	DM-NVX-D30	NVX DECODER ENDPOINT	NEW	

NOTES:

NOT FOR PRODUCTION

This drawing set depicts the AV systems for a theoretical conference center with three combinable multipurpose rooms. A central control room manages all equipment and supports adjacent production spaces. The system is designed for secure operation across multiple classification levels. This design is conceptual and does not reflect any real-world facility.

Copyright © Joseph Held, 2024

All rights reserved. This AutoCAD AV system drawing and its contents, including but not limited to text, graphics, and design, are the intellectual property of Joseph Held. Reproduction, distribution, modification, or sharing of this document, in whole or in part, without the express written permission of the copyright owner, is strictly prohibited.

For permissions or inquiries, please contact:

Joe Held  
joe.held@gmail.com  
heldsystems.net

A	INITIAL DRAWING	JH	02/01/2024
REV:	DESCRIPTION:	BY:	DATE:
STATUS:			

ENGINEER:	JOE HELD
.logo-no-background.png	1234 FAKE AVE BALTIMORE, MD 21224 HELDSYSTEMS.NET

CLIENT:	CLIENT NAME
.logo-black.png	321 FAKE WAY SOME PLACE, MD 21224

SITE:				EXAMPLE AV SYSTEM			
DRAWING TITLE:							
MP01 – DEVICE SCHEDULE							
SCALE:		DATE:		DRAWN BY:		CHECKED BY:	
NTS		2/1/24		JH		_____	
PROJECT:		SHEET:				REVISION:	
_____		AV-16				A	



## MP01 - A/V CABLE SCHEDULE (1/2)

NETWORK CABLES					
CABLE NAME	CABLE TYPE	SOURCE DEVICE	SOURCE PORT	DESTINATION DEVICE	DESTINATION PORT
C6-1001	CAT 6	NVXE-107	LAN 1	NET-101	PORT 01
C6-1002	CAT 6	FB-104	PODIUM NVX	NET-101	PORT 02
C6-1003	CAT 6	WP-104	LCD-102 NVX	NET-101	PORT 03
C6-1004	CAT 6	WP-104	LAPTOP NVX	NET-101	PORT 04
C6-1005	CAT 6	WP-104	AV BRIDGE NVX	NET-101	PORT 05
C6-1006	CAT 6	WP-104	LAPTOP 1 NVX	NET-101	PORT 06
C6-1007	CAT 6	WP-103	HEAR DISPLAY NVX	NET-101	PORT 07
C6-1008	CAT 6	NVXC-101	LAN 1	NET-102	PORT 01
C6-1009	CAT 6	NVXC-102	LAN 1	NET-102	PORT 02
C6-1010	CAT 6	NVXC-103	LAN 1	NET-102	PORT 03
C6-1011	CAT 6	NVXC-104	LAN 1	NET-102	PORT 04
C6-1012	CAT 6	NVXC-105	LAN 1	NET-102	PORT 05
C6-1013	CAT 6	NVXC-106	LAN 1	NET-102	PORT 06
C6-1014	CAT 6	NVXC-107	LAN 1	NET-102	PORT 07
C6-1015	CAT 6	NVXC-108	LAN 1	NET-102	PORT 08
C6-1016	CAT 6	NVXC-109	LAN 1	NET-102	PORT 09
C6-1017	CAT 6	NVXC-110	LAN 1	NET-102	PORT 10
C6-1018	CAT 6	NVXC-111	LAN 1	NET-102	PORT 11
C6-1019	CAT 6	NVXC-112	LAN 1	NET-102	PORT 12
C6-1020	CAT 6	NVXC-113	LAN 1	NET-102	PORT 13
C6-1021	CAT 6	NVXC-114	LAN 1	NET-102	PORT 14
C6-1022	CAT 6	NVXC-115	LAN 1	NET-102	PORT 15
C6-1023	CAT 6	NVXC-116	LAN 1	NET-102	PORT 16
C6-1024	CAT 6	WP-104	AV BRIDGE LAN	NET-101	PORT 08
C6-1025	CAT 6	MIC-102	LAN	NET-101	PORT 09
C6-1026	CAT 6	MIC-101	LAN	NET-101	PORT 10
C6-1027	CAT 6	AMIX-101	ETHERNET	NET-101	PORT 11
C6-1028	CAT 6	SBOX-101	DANTE PRIMARY	NET-102	PORT 17
C6-1029	CAT 6	AMP-101	LAN	NET-102	PORT 18
C6-1030	CAT 6	WRX-101	DANTE PRIMARY	NET-102	PORT 19
C6-1031	CAT 6	PWR-101	LAN	NET-102	PORT 20
C6-1032	CAT 6	PWR-102	LAN	NET-102	PORT 21
C6-1033	CAT 6	PWR-103	LAN	NET-102	PORT 22
C6-1034	CAT 6	PWR-104	LAN	NET-102	PORT 23
C6-1035	CAT 6	DGE-101	LAN	NET-101	PORT 12
C6-1036	CAT 6	PTZC-101	LAN	NET-101	PORT 13
C6-1037	CAT 6	WP-101	CAM 1 CONTROL	NET-101	PORT 14
C6-1038	CAT 6	WP-102	CAM 2 CONTROL	NET-101	PORT 15
C6-1039	CAT 6	WP-104	TOUCH PANEL	NET-101	PORT 16
C6-1040	CAT 6	WP-103	REAR DISPLAY NVX	NVXE-101	LAN 1
C6-1041	CAT 6	WP-104	LAPTOP 1 NVX	NVXE-102	LAN 1
C6-1042	CAT 6	WP-104	AV BRIDGE NVX	NVXE-103	LAN 1
C6-1043	CAT 6	WP-104	LAPTOP 2 NVX	NVXE-104	LAN 1
C6-1044	CAT 6	WP-104	LCD-102 NVX	NVXE-105	LAN 1
C6-1045	CAT 6	FB-101	PODIUM NVX	NVXE-106	LAN 1
C6-1046	CAT 6	WP-104	AVB LAN	AVB-101	ETHERNET
C6-1047	CAT 6	WP-101	CAM 1 CTRL	CAM-101	LAN
C6-1048	CAT 6	WP-102	CAM 2 CTRL	CAM-102	LAN
C6-1049	CAT 6	WP-104	TOUCH PANEL	TP-102	LAN
C6-1050	CAT 6	WP-104	AV BRIDGE NVX	AVB-101	ETHERNET

MP01 - VIDEO CABLES					
CABLE NAME	CABLE TYPE	SOURCE DEVICE	SOURCE PORT	DESTINATION DEVICE	DESTINATION PORT
HD-1001	HDMI	NVXC-101	HDMI OUTPUT	CONV-101	HDMI IN
HD-1002	HDMI	NVXC-102	HDMI OUTPUT	CONV-102	HDMI IN
HD-1003	HDMI	NVXC-103	HDMI OUTPUT	CONV-103	HDMI IN
HD-1004	HDMI	NVXC-104	HDMI OUTPUT	CONV-104	HDMI IN
HD-1005	HDMI	NVXC-105	HDMI OUTPUT	CONV-105	HDMI IN
HD-1006	HDMI	NVXC-106	HDMI OUTPUT	CONV-106	HDMI IN
HD-1007	HDMI	NVXC-107	HDMI OUTPUT	CONV-107	HDMI IN
HD-1008	HDMI	NVXC-108	HDMI OUTPUT	CONV-108	HDMI IN
HD-1009	HDMI	NVXC-109	HDMI INPUT	CONV-109	HDMI OUT
HD-1010	HDMI	NVXC-110	HDMI INPUT	CONV-110	HDMI OUT
HD-1011	HDMI	NVXC-111	HDMI OUTPUT	CONV-111	HDMI IN
HD-1012	HDMI	NVXC-112	HDMI OUTPUT	CONV-112	HDMI IN
HD-1013	HDMI	CONV-113	HDMI OUT	LCD-103	HDMI IN
HD-1014	HDMI	CONV-114	HDMI OUT	LCD-104	HDMI IN
HD-1015	HDMI	NVXE-101	HDMI OUTPUT	LCD-101	HDMI IN
HD-1016	HDMI	NVXE-102	HDMI INPUT	LAPTOP 1	HDMI OUT
HD-1017	HDMI	NVXE-103	HDMI OUTPUT	AVB-101	HDMI IN
HD-1018	HDMI	NVXE-104	HDMI INPUT	LAPTOP 2	HDMI OUT
HD-1019	HDMI	NVXE-105	HDMI OUTPUT	LCD-102	HDMI IN
HD-1020	HDMI	NVXE-106	HDMI OUTPUT	PODIUM LAPTOP	HDMI OUT
HD-1021	HDMI	NVXE-107	HDMI OUTPUT	PROJ-101	HDMI IN
V1-1001	SDI	CONV-101	SDI OUT	VMIX-101	SDI IN 1
V1-1002	SDI	CONV-102	SDI OUT	VMIX-101	SDI IN 2
V1-1003	SDI	CONV-103	SDI OUT	VMIX-101	SDI IN 3
V1-1004	SDI	CONV-104	SDI OUT	VMIX-101	SDI IN 4
V1-1005	SDI	CONV-105	SDI OUT	VMIX-101	SDI IN 5
V1-1006	SDI	CONV-106	SDI OUT	VMIX-101	SDI IN 6
V1-1007	SDI	CONV-107	SDI OUT	VMIX-101	SDI IN 7
V1-1008	SDI	CONV-108	SDI OUT	VMIX-101	SDI IN 8
V1-1009	SDI	CONV-109	SDI IN	VMIX-101	AUX SDI OUT 1
V1-1010	SDI	CONV-110	SDI IN	VMIX-101	PROGRAM OUT
V1-1011	SDI	CONV-111	SDI IN	WP-101	CAM 1 VIDEO
V1-1012	SDI	CONV-112	SDI IN	WP-102	CAM 2 VIDEO
V1-1013	SDI	VMIX-101	MULTI-VIEW OUT	CONV-113	SDI IN
V1-1014	SDI	VMIX-101	AUX SDI OUT 2	CONV-114	SDI IN
V1-1015	SDI	WP-101	CAM 1 VIDEO	CAM-101	SDI OUT
V1-1016	SDI	WP-102	CAM 2 VIDEO	CAM-102	SDI OUT

MP01 - CONTROL CABLES					
CABLE NAME	CABLE TYPE	SOURCE DEVICE	SOURCE PORT	DESTINATION DEVICE	DESTINATION PORT
USB-1001	USB	DGE-101	USBA	TP-101	USBB
C1-1001	22 / 2	CP-401	RELAY 1	SCRN-102	RELAY
C1-1002	22 / 2	SCRN-102	RELAY	SCRN-101	RELAY
C1-1003	22 / 2	NVXE-101	COM	LCD-101	RS232

## MP01 - A/V CABLE SCHEDULE (2/2)

MP01 - AUDIO CABLES					
CABLE NAME	CABLE TYPE	SOURCE DEVICE	SOURCE PORT	DESTINATION DEVICE	DESTINATION PORT
M1-1001	MIC LVL AUDIO	FB11-A	MIC INPUT	SBOX-101	INPUT 01
M1-1002	MIC LVL AUDIO	FB11-B	MIC INPUT	SBOX-101	INPUT 02
M1-1003	MIC LVL AUDIO	FB11-C	MIC INPUT	SBOX-101	INPUT 03
M1-1004	MIC LVL AUDIO	FB11-D	MIC INPUT	SBOX-101	INPUT 04
M1-1005	MIC LVL AUDIO	FB11-E	MIC INPUT	SBOX-101	INPUT 05
M1-1006	MIC LVL AUDIO	FB11-F	MIC INPUT	SBOX-101	INPUT 06
M1-1007	MIC LVL AUDIO	FB11-G	MIC INPUT	SBOX-101	INPUT 07
M1-1008	MIC LVL AUDIO	FB11-H	MIC INPUT	SBOX-101	INPUT 08
M1-1009	MIC LVL AUDIO	FB11-I	MIC INPUT	SBOX-101	INPUT 09
M1-1010	MIC LVL AUDIO	FB11-K	MIC INPUT	SBOX-101	INPUT 10
M1-1011	MIC LVL AUDIO	FB11-L	MIC INPUT	SBOX-101	INPUT 11
M1-1012	MIC LVL AUDIO	FB11-M	MIC INPUT	SBOX-101	INPUT 12
M1-1013	MIC LVL AUDIO	FB11-N	MIC INPUT	SBOX-101	INPUT 13
M1-1014	MIC LVL AUDIO	FB11-P	MIC INPUT	SBOX-101	INPUT 14
M1-1015	MIC LVL AUDIO	FB11-Q	MIC INPUT	SBOX-101	INPUT 15
M1-1016	MIC LVL AUDIO	FB11-R	MIC INPUT	SBOX-101	INPUT 16
M1-1017	MIC LVL AUDIO	FB11-S	MIC INPUT	SBOX-101	INPUT 17
M1-1018	MIC LVL AUDIO	FB11-T	MIC INPUT	SBOX-101	INPUT 18
M1-1019	MIC LVL AUDIO	FB11-U	MIC INPUT	SBOX-101	INPUT 19
M1-1020	MIC LVL AUDIO	FB11-V	MIC INPUT	SBOX-101	INPUT 20
M1-1021	MIC LVL AUDIO	FB11-W	MIC INPUT	SBOX-101	INPUT 21
M1-1022	MIC LVL AUDIO	FB11-X	MIC INPUT	SBOX-101	INPUT 22
M1-1023	MIC LVL AUDIO	FB11-Y	MIC INPUT	SBOX-101	INPUT 23
M1-1024	MIC LVL AUDIO	FB11-Z	MIC INPUT	SBOX-101	INPUT 24
M1-1025	MIC LVL AUDIO	FB11-AA	MIC INPUT	SBOX-101	INPUT 25
M1-1026	MIC LVL AUDIO	FB11-AB	MIC INPUT	SBOX-101	INPUT 26
M1-1027	MIC LVL AUDIO	FB11-AC	MIC INPUT	SBOX-101	INPUT 27
M1-1028	MIC LVL AUDIO	FB11-AD	MIC INPUT	SBOX-101	INPUT 28
M1-1029	MIC LVL AUDIO	FB11-AE	MIC INPUT	SBOX-101	INPUT 29
M1-1030	MIC LVL AUDIO	FB11-AF	MIC INPUT	SBOX-101	INPUT 30
M1-1031	MIC LVL AUDIO	FB11-AG	MIC INPUT	SBOX-101	INPUT 31
M1-1032	MIC LVL AUDIO	FB11-AH	MIC INPUT	SBOX-101	INPUT 32
L1-1003	LINE LVL AUDIO	NVXC-115	AUDIO I/O	DSP-401	ML IN CH3
L1-1002A/B	LINE LVL AUDIO	AVB-101	LINE IN (L/R)	NVXE-103	AUDIO I/O
M1-1033	MIC LVL AUDIO	WP-105	MIC OUT	DSP-401	M/K IN CH4
M1-1034	MIC LVL AUDIO	MIC-103	MIC OUT	WP-105	MIC IN
M1-1035	MIC LVL AUDIO	MIC-104	MIC OUT	AMIX-101	INPUT 01
L1-1003	LINE LVL AUDIO	AMIX-101	OUTPUT 01	SPK-110	IN
S1-1001	SPEAKER CABLE	AMP-101	OUTPUT CH C	SPK-101	IN
S1-1002	SPEAKER CABLE	AMP-101	OUTPUT CH B	SPK-104	IN
S1-1003	SPEAKER CABLE	AMP-101	OUTPUT CH A	SPK-107	IN
S1-1004	SPEAKER CABLE	SPK-101	OUT	SPK-102	IN
S1-1005	SPEAKER CABLE	SPK-102	OUT	SPK-103	IN
S1-1006	SPEAKER CABLE	SPK-104	OUT	SPK-105	IN
S1-1007	SPEAKER CABLE	SPK-105	OUT	SPK-106	IN
S1-1008	SPEAKER CABLE	SPK-107	OUT	SPK-108	IN
S1-1009	SPEAKER CABLE	SPK-108	OUT	SPK-109	IN

MP01 - ANTENNA CABLES					
CABLE NAME	CABLE TYPE	SOURCE DEVICE	SOURCE PORT	DESTINATION DEVICE	DESTINATION PORT
A1-1001	RG8	ANT-101	ANT	UHF-101	IN
A1-1002	RG8	ANT-102	ANT	UHF-102	IN
A1-1003	RG8	ANT-103	ANT	UHF-103	IN
A1-1004	RG8	ANT-104	ANT	UHF-104	IN
A1-1005	RG8	UHF-101	OUT	SPLT-103	ANT
A1-1006	RG8	UHF-102	OUT	SPLT-103	R2
A1-1007	RG8	UHF-103	OUT	SPLT-104	ANT
A1-1008	RG8	UHF-104	OUT	SPLT-104	R2
A1-1009	RG8	SPLT-103	R1	SPLT-101	ANT
A1-1010	RG8	SPLT-104	R1	SPLT-102	ANT
A1-1011	RG8	SPLT-101	R1	WRX-101	ANT IN B
A1-1012	RG8	SPLT-101	R2	SPLT-201	R1
A1-1013	RG8	SPLT-102	R1	WRX-101	ANT IN A
A1-1014	RG8	SPLT-102	R2	SPLT-202	R1

MP01 - POWER CABLES					
CABLE NAME	CABLE TYPE	SOURCE DEVICE	SOURCE PORT	DESTINATION DEVICE	DESTINATION PORT
P1-1001	PWR	PWR-101	POWER	BUILDING POWER	AC 120V
P1-1002	PWR	PWR-102	POWER	BUILDING POWER	AC 120V
P1-1003	PWR	PWR-103	POWER	BUILDING POWER	AC 120V
P1-1004	PWR	PWR-104	POWER	BUILDING POWER	AC 120V
P1-1005	PWR	NET-101	POWER	PWR-101	OUTLET 1
P1-1006	PWR	DMF-101	POWER	PWR-101	OUTLET 2
P1-1007	PWR	DMF-102	POWER	PWR-101	OUTLET 3
P1-1008	PWR	NET-102	POWER	PWR-101	OUTLET 4
P1-1009	PWR	CONV-101	USB POWER	PWR-102	OUTLET 1
P1-1010	PWR	CONV-102	USB POWER	PWR-102	OUTLET 5
P1-1011	PWR	CONV-103	USB POWER	PWR-102	OUTLET 2
P1-1012	PWR	CONV-104	USB POWER	PWR-102	OUTLET 6
P1-1013	PWR	CONV-105	USB POWER	PWR-102	OUTLET 3
P1-1014	PWR	CONV-106	USB POWER	PWR-102	OUTLET 7
P1-1015	PWR	CONV-107	USB POWER	PWR-102	OUTLET 4
P1-1016	PWR	CONV-108	USB POWER	PWR-102	OUTLET 8
P1-1017	PWR	CONV-109	USB POWER	PWR-103	OUTLET 1
P1-1018	PWR	CONV-110	USB POWER	PWR-103	OUTLET 5
P1-1019	PWR	CONV-111	USB POWER	PWR-103	OUTLET 2
P1-1020	PWR	CONV-112	USB POWER	PWR-103	OUTLET 6
P1-1021	PWR	SBOX-101	POWER 1	PWR-104	OUTLET 1
P1-1022	PWR	SBOX-101	POWER 2	PWR-104	OUTLET 2
P1-1023	PWR	WRX-101	POWER	PWR-104	OUTLET 5
P1-1024	PWR	AMP-101	POWER	PWR-104	OUTLET 6
P1-1025	PWR	PROJ-101	POWER	BUILDING POWER	AC 120V
P1-1026	PWR	LCD-101	POWER	BUILDING POWER	AC 120V
P1-1027	PWR	LCD-102	POWER	BUILDING POWER	AC 120V
P1-1028	PWR	PODIUM	POWER	BUILDING POWER	AC 120V
P1-1029	PWR	MIX-101	POWER	BUILDING POWER	AC 120V
P1-1030	PWR	DGE-101	POWER	BUILDING POWER	AC 120V
P1-1031	PWR	PTZC-101	POWER	BUILDING POWER	AC 120V
P1-1032	PWR	TP-101	POWER	BUILDING POWER	AC 120V
P1-1033	PWR	SPK-101	POWER	BUILDING POWER	AC 120V
P1-1034	PWR	LCD-103	POWER	BUILDING POWER	AC 120V
P1-1035	PWR	LCD-104	POWER	BUILDING POWER	AC 120V

NOTES:

## NOT FOR PRODUCTION

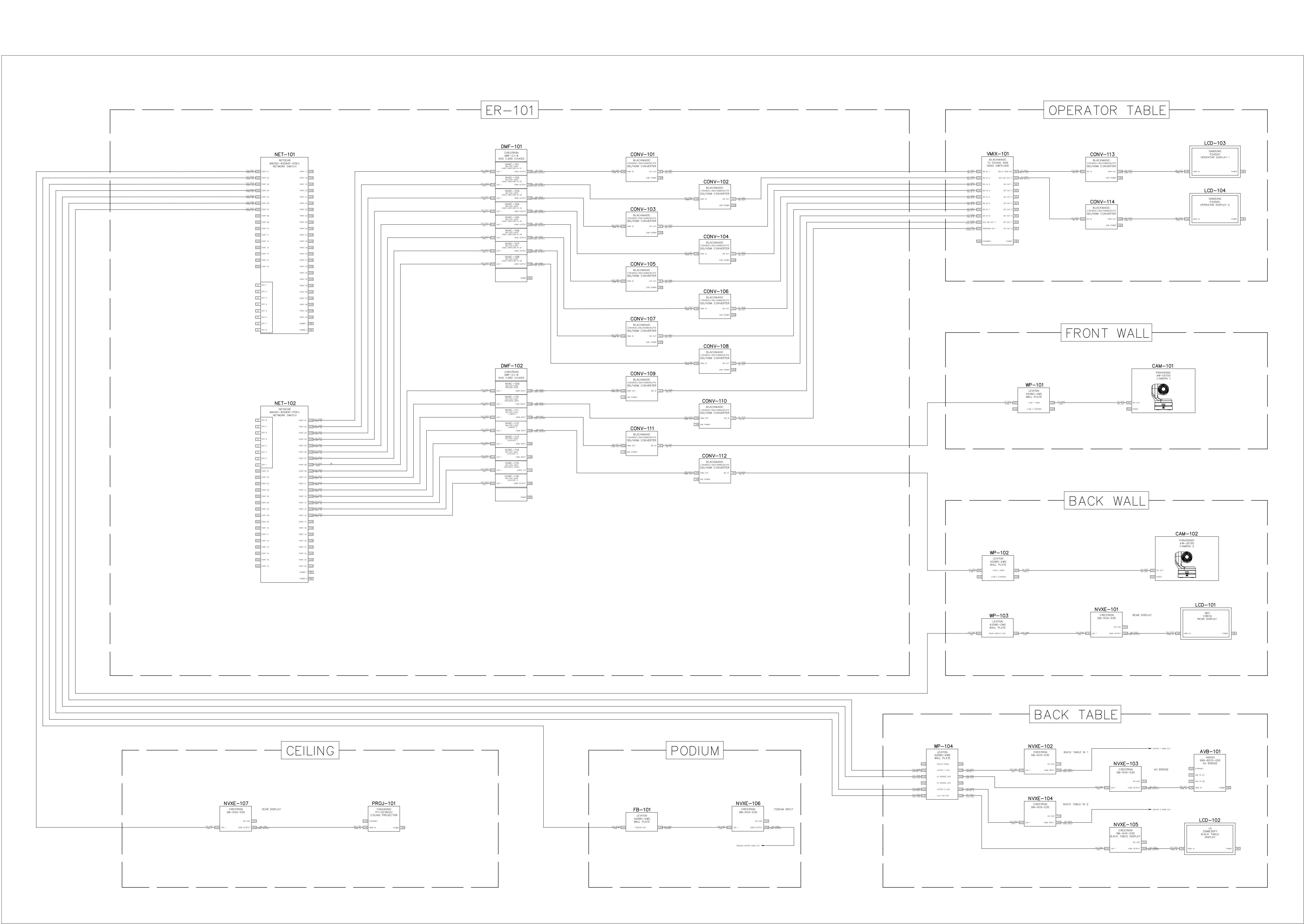
This drawing set depicts the AV systems for a theoretical conference center with three combinable multipurpose rooms. A central control room manages all equipment and supports adjacent production spaces. The system is designed for secure operation across multiple classification levels. This design is conceptual and does not reflect any real-world facility.

Copyright © Joseph Held, 2024

All rights reserved. This AutoCAD AV system drawing and its contents, including but not limited to text, graphics, and design, are the intellectual property of Joseph Held. Reproduction, distribution, modification, or sharing of this document, in whole or in part, without the express written permission of the copyright owner, is strictly prohibited.

For permissions or inquiries, please contact:

Joe Held  
joe.held@gmail.com  
heldsystems.net



NOTES:

NOT FOR PRODUCTION

This drawing set depicts the AV systems for a theoretical conference center with three combinable multipurpose rooms. A central control room manages all equipment and supports adjacent production spaces. The system is designed for secure operation across multiple classification levels. This design is conceptual and does not reflect any real-world facility.

Copyright ©Joseph Held, 2024

All rights reserved. This AutoCAD AV system drawing and its contents, including but not limited to text, graphics, and design, are the intellectual property of Joseph Held. Reproduction, distribution, modification, or sharing of this document, in whole or in part, without the express written permission of the copyright owner, is strictly prohibited.

For permissions or inquiries, please contact:

Joe Held  
joe.held@gmail.com  
heldsystems.net

A	INITIAL DRAWING	JH	02/01/2024
REV:	DESCRIPTION:	BY:	DATE:
STATUS:			

ENGINEER:

.logo-background.png

JOE HELD

1234 FAKE AVE  
BALTIMORE, MD  
21224  
HELDSYSTEMS.NET

CLIENT:

.logo-black.png

CLIENT NAME

321 FAKE WAY  
SOME PLACE, MD  
21224

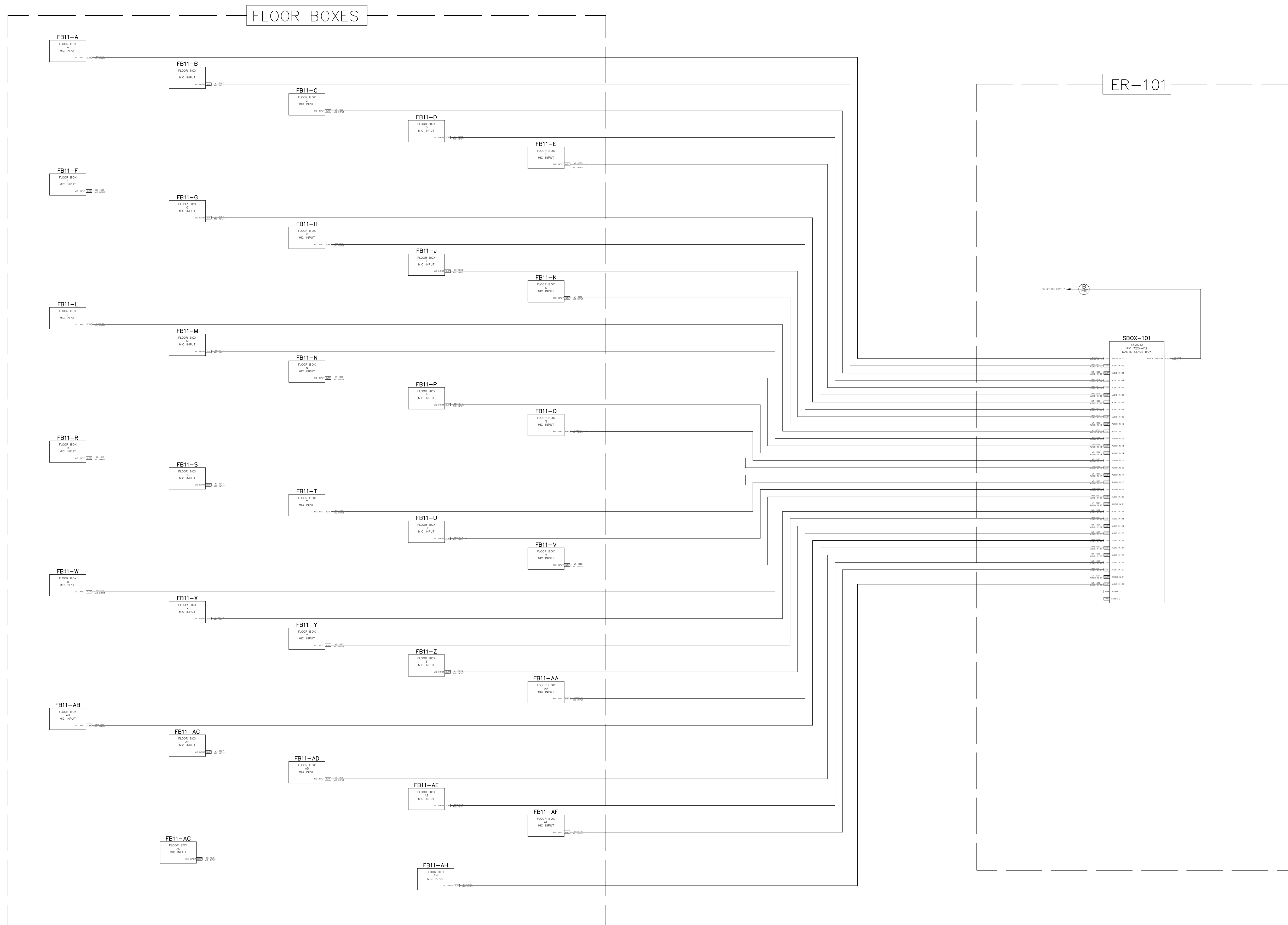
SITE:

EXAMPLE AV SYSTEM

DRAWING TITLE:

MP01 – VIDEO DISTRIBUTION

SACLE:	DATE:	DRAWN BY:	CHECKED BY:
NTS	2/1/24	JH	_____
PROJECT:	SHEET:	REVISION:	
_____	AV-18	A	



NOTES:

NOT FOR PRODUCTION

This drawing set depicts the AV systems for a theoretical conference center with three combinable multipurpose rooms. A central control room manages all equipment and supports adjacent production spaces. The system is designed for secure operation across multiple classification levels. This design is conceptual and does not reflect any real-world facility.

Copyright © Joseph Held, 2024

All rights reserved. This AutoCAD AV system drawing and its contents, including but not limited to text, graphics, and design, are the intellectual property of Joseph Held. Reproduction, distribution, modification or sharing of this document, in whole or in part without the express written permission of the copyright owner, is strictly prohibited.

For permissions or inquiries, please contact:

Joe Held  
joe.held@gmail.com  
heldsystems.net

A	INITIAL DRAWING	JH	02/01/2020
REV:	DESCRIPTION:	BY:	DATE:
STATUS:			

ENGINEER:

Logo-no-background.pdf

JOE HELD

1234 FAKE AVE  
BALTIMORE, MD  
21224  
HELDSYSTEMS.NET

CLIENT

.\\logo-black.png

CLIENT NAME

321 FAKE WAY  
SOME PLACE, MD  
21224

SITE:

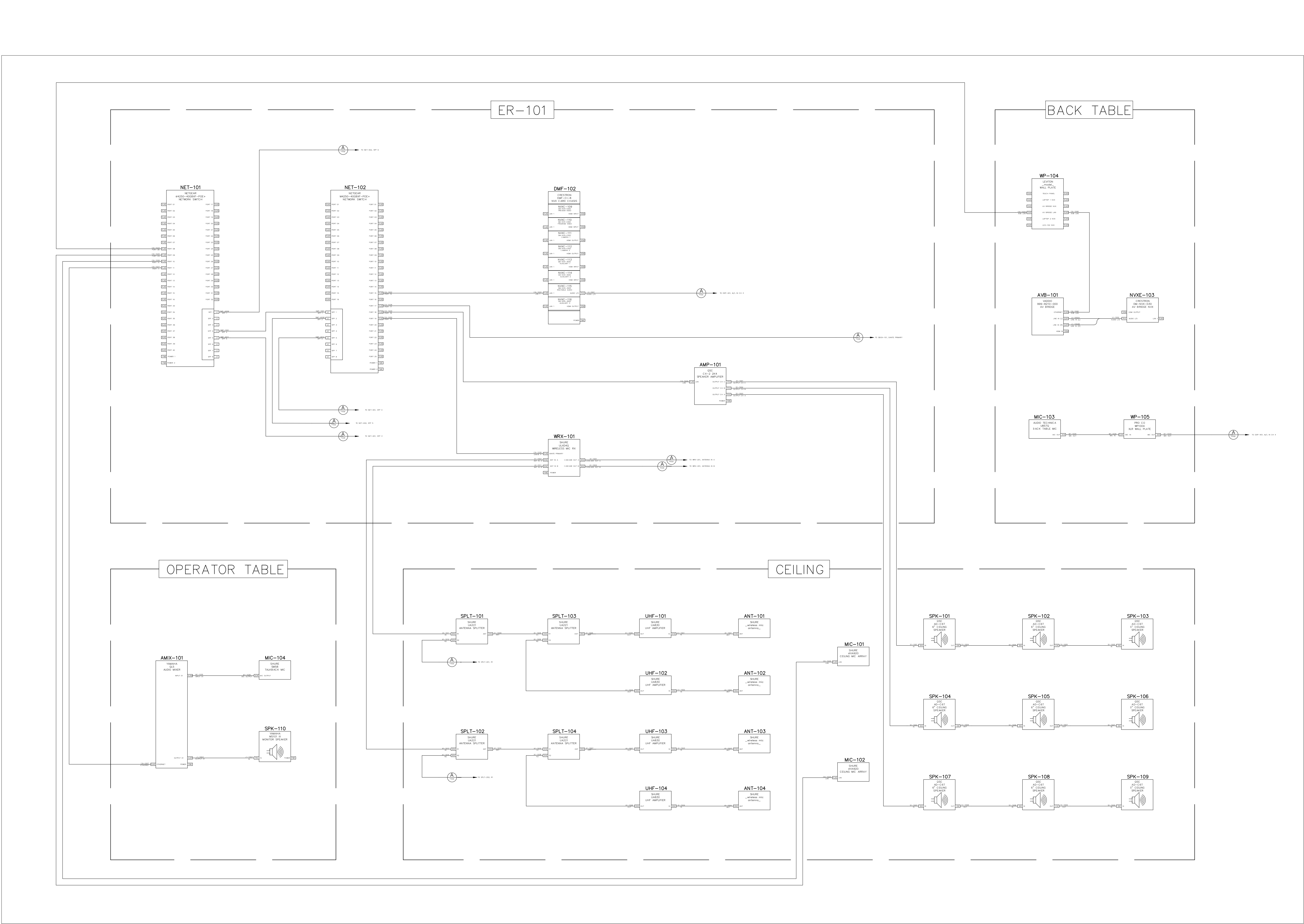
## EXAMPLE AV SYSTEM

DRAWING TITLE:

MP01 – FLOOR BOXES

SACLE:	DATE:	DRAWN BY:	CHECKED BY:
NTS	2/1/24	JH	----
PROJECT:	SHEET:		REVISION:
-----	AV-19		A





NOTES:

NOT FOR PRODUCTION

This drawing set depicts the AV systems for a theoretical conference center with three combinable multipurpose rooms. A central control room manages all equipment and supports adjacent production spaces. The system is designed for secure operation across multiple classification levels. This design is conceptual and does not reflect any real-world facility.

Copyright ©Joseph Held, 2024

All rights reserved. This AutoCAD AV system drawing and its contents, including but not limited to text, graphics, and design, are the intellectual property of Joseph Held. Reproduction, distribution, modification, or sharing of this document, in whole or in part, without the express written permission of the copyright owner, is strictly prohibited.

For permissions or inquiries, please contact:

Joe Held  
joe.held@gmail.com  
heldsystems.net

A	INITIAL DRAWING	JH	02/01/2024
REV:	DESCRIPTION:	BY:	DATE:
STATUS:			

ENGINEER:

JOE HELD

1234 FAKE AVE  
BALTIMORE, MD  
21224  
HELDSYSTEMS.NET

CLIENT:

CLIENT NAME

321 FAKE WAY  
SOME PLACE, MD  
21224

SITE:

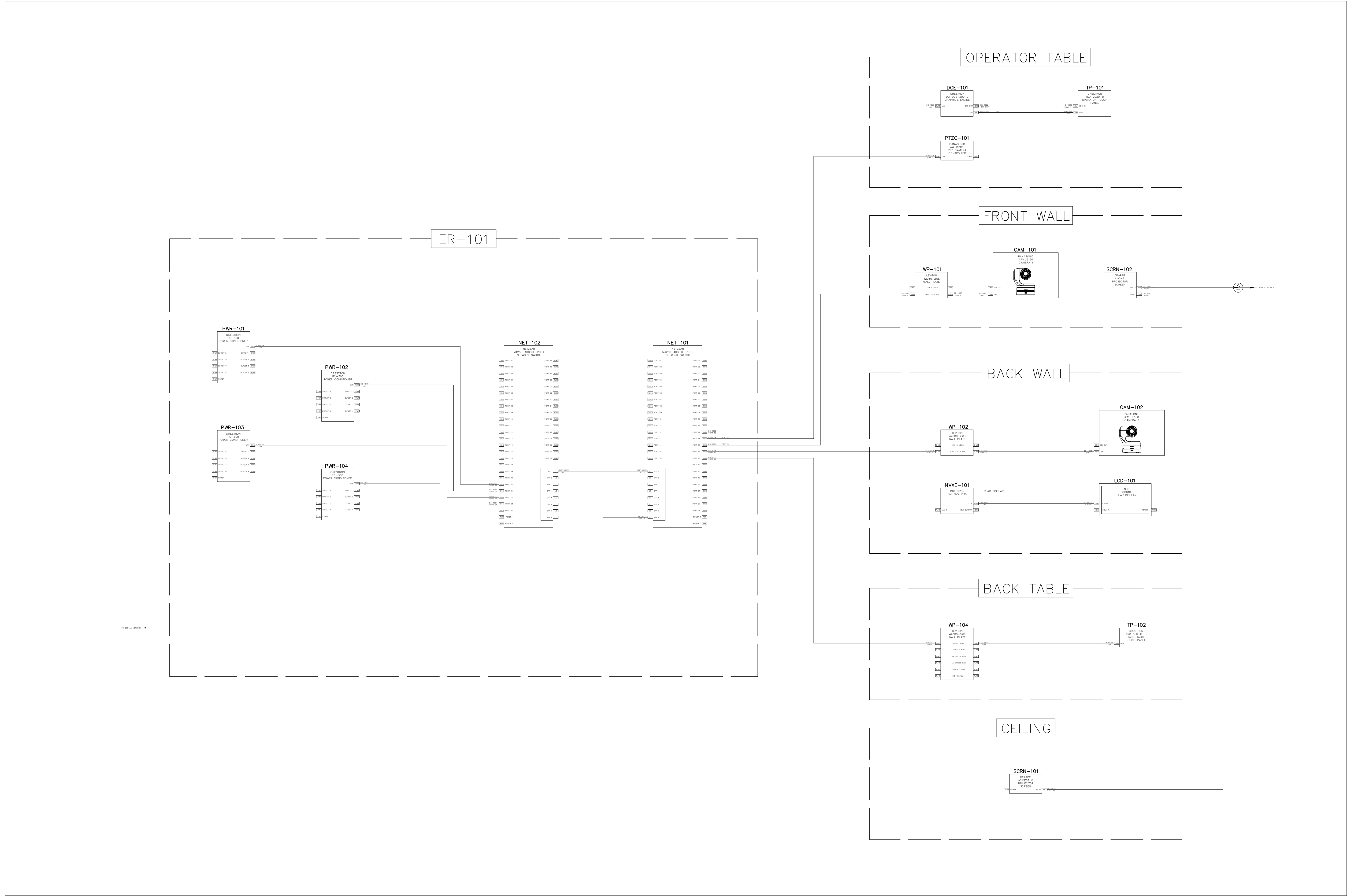
EXAMPLE AV SYSTEM

DRAWING TITLE:

MP01 – AUDIO DISTRIBUTION

SACLE:	DATE:	DRAWN BY:	CHECKED BY:
NTS	2/1/24	JH	---
PROJECT:	SHEET:	REVISION:	
---	AV-20	A	





NOTES:

NOT FOR PRODUCTION

This drawing set depicts the AV systems for a theoretical conference center with three combinable multipurpose rooms. A central control room manages all equipment and supports adjacent production spaces. The system is designed for secure operation across multiple classification levels. This design is conceptual and does not reflect any real-world facility.

Copyright ©Joseph Held, 2024

All rights reserved. This AutoCAD AV system drawing and its contents, including but not limited to text, graphics, and design, are the intellectual property of Joseph Held. Reproduction, distribution, modification, or sharing of this document, in whole or in part, without the express written permission of the copyright owner, is strictly prohibited.

For permissions or inquiries, please contact:

Joe Held  
joe.held@gmail.com  
heldsystems.net

A	INITIAL DRAWING	JH	02/01/2024
REV:	DESCRIPTION:	BY:	DATE:
STATUS:			

ENGINEER:

JOE HELD

1234 FAKE AVE  
BALTIMORE, MD  
21224  
HELDSYSTEMS.NET

CLIENT:

CLIENT NAME

321 FAKE WAY  
SOME PLACE, MD  
21224

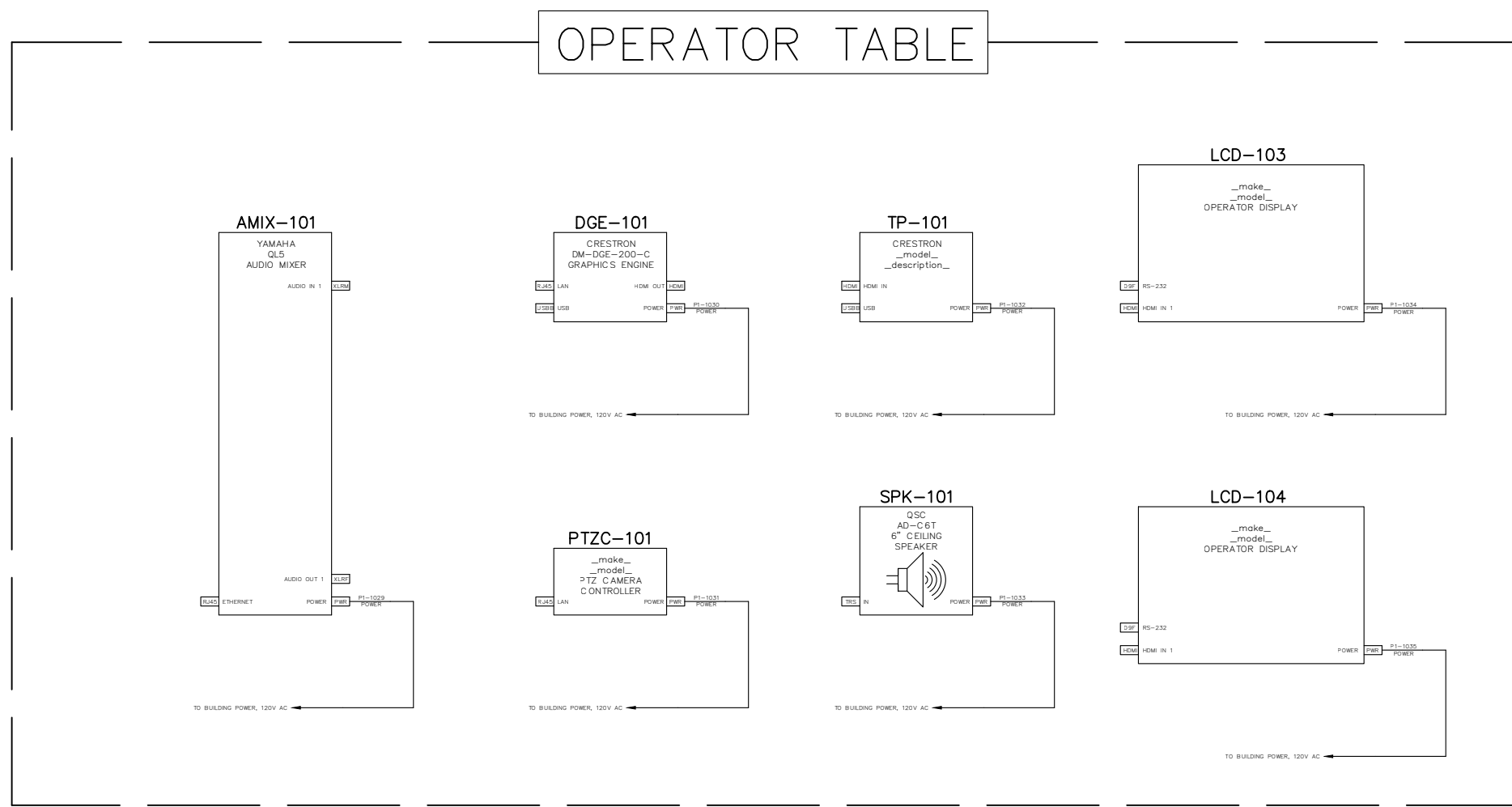
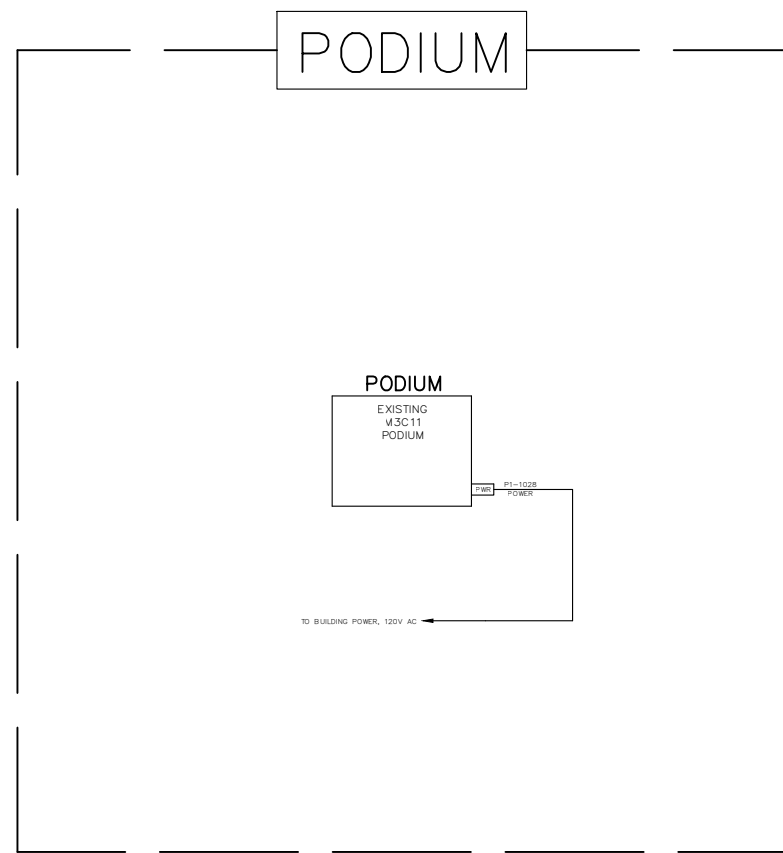
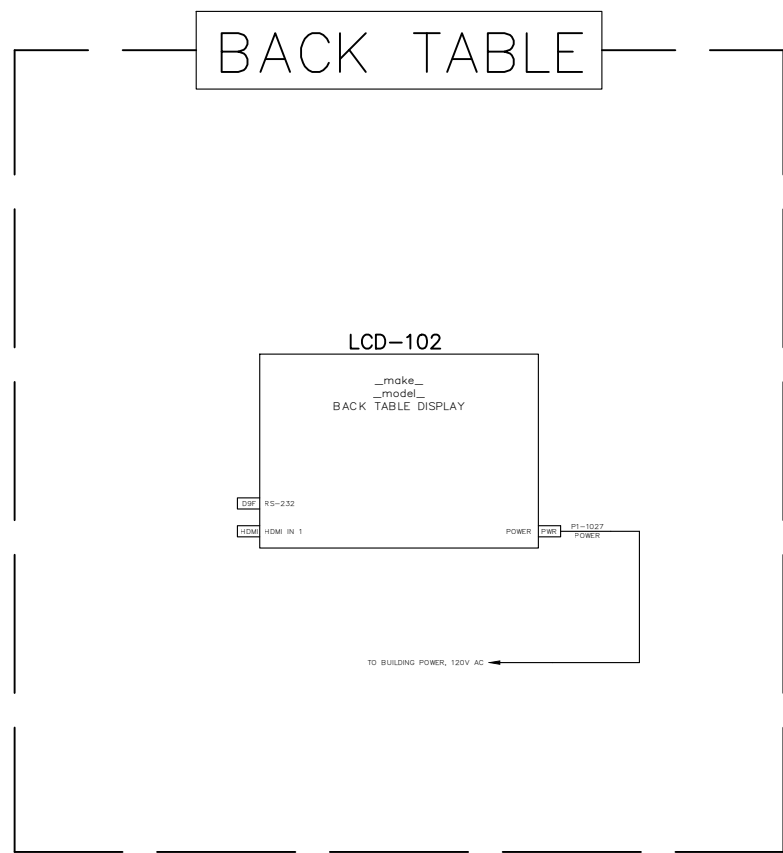
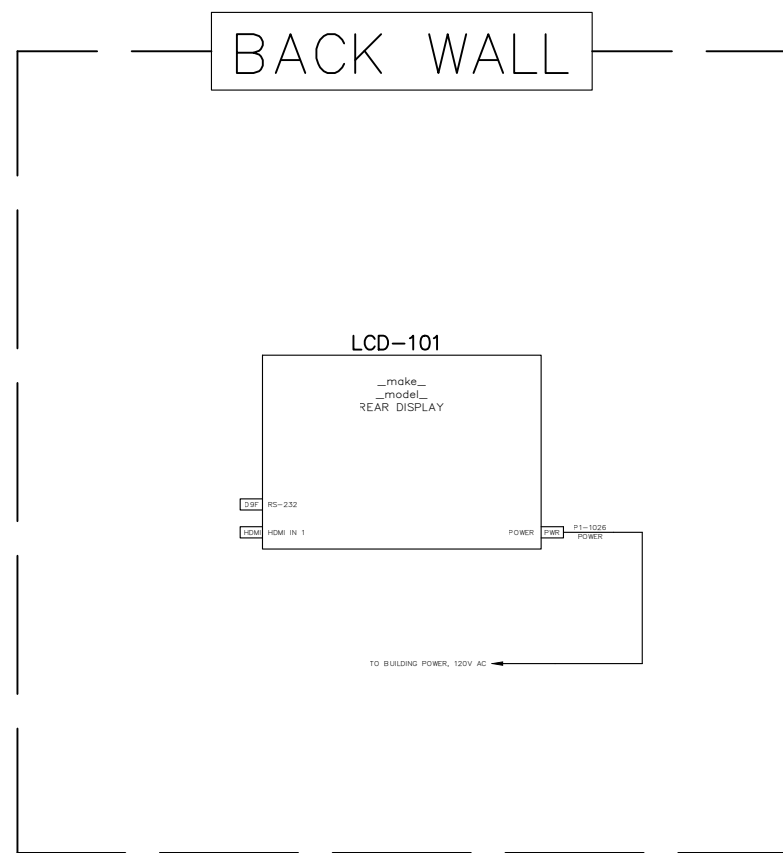
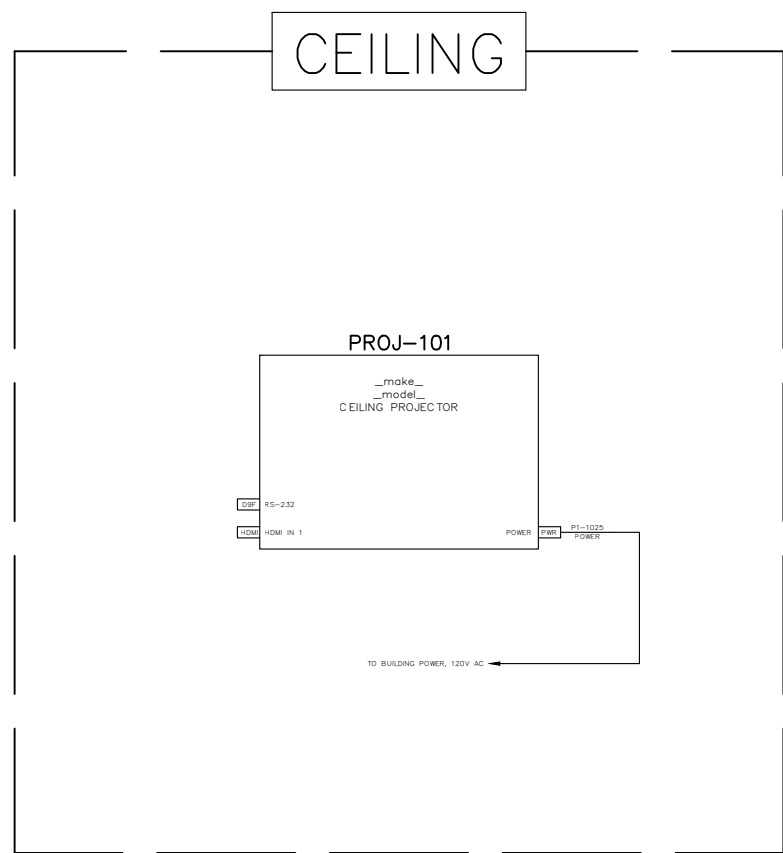
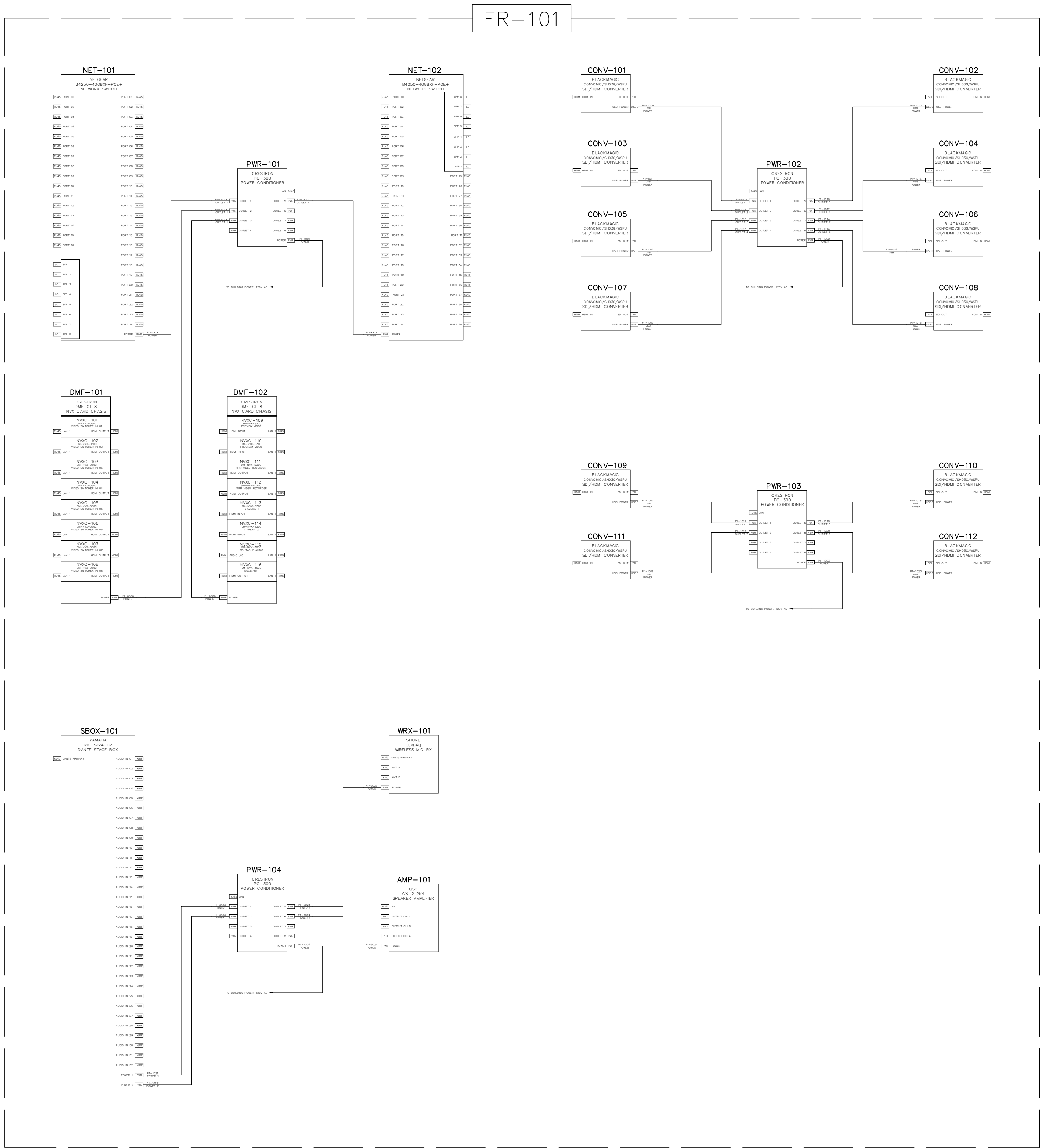
SITE:

EXAMPLE AV SYSTEM

DRAWING TITLE:

MP01 – NETWORK/CONTROL

SACLE:	DATE:	DRAWN BY:	CHECKED BY:
NTS	2/1/24	JH	---
PROJECT:	SHEET:	REVISION:	
---	AV-21	A	



NOTES:

## NOT FOR PRODUCTION

This drawing set depicts the AV systems for a theoretical conference center with three combinable multipurpose rooms. A central control room manages all equipment and supports adjacent production spaces. The system is designed for secure operation across multiple classification levels. This design is conceptual and does not reflect any real-world facility.

Copyright ©Joseph Held, 2024

All rights reserved. This AutoCAD AV system drawing and its contents, including but not limited to text, graphics, and design, are the intellectual property of Joseph Held. Reproduction, distribution, modification, or sharing of this document, in whole or in part, without the express written permission of the copyright owner, is strictly prohibited.

For permissions or inquiries, please contact:

Joe Held  
joe.held@gmail.com  
heldsystems.net

A	INITIAL DRAWING	JH	02/01/2024
REV:	DESCRIPTION:	BY:	DATE:
STATUS:			

ENGINEER:

JOE HELD

1234 FAKE AVE  
BALTIMORE, MD  
21224  
HELDSYSTEMS.NET

CLIENT:

CLIENT NAME

321 FAKE WAY  
SOME PLACE, MD  
21224

SITE:

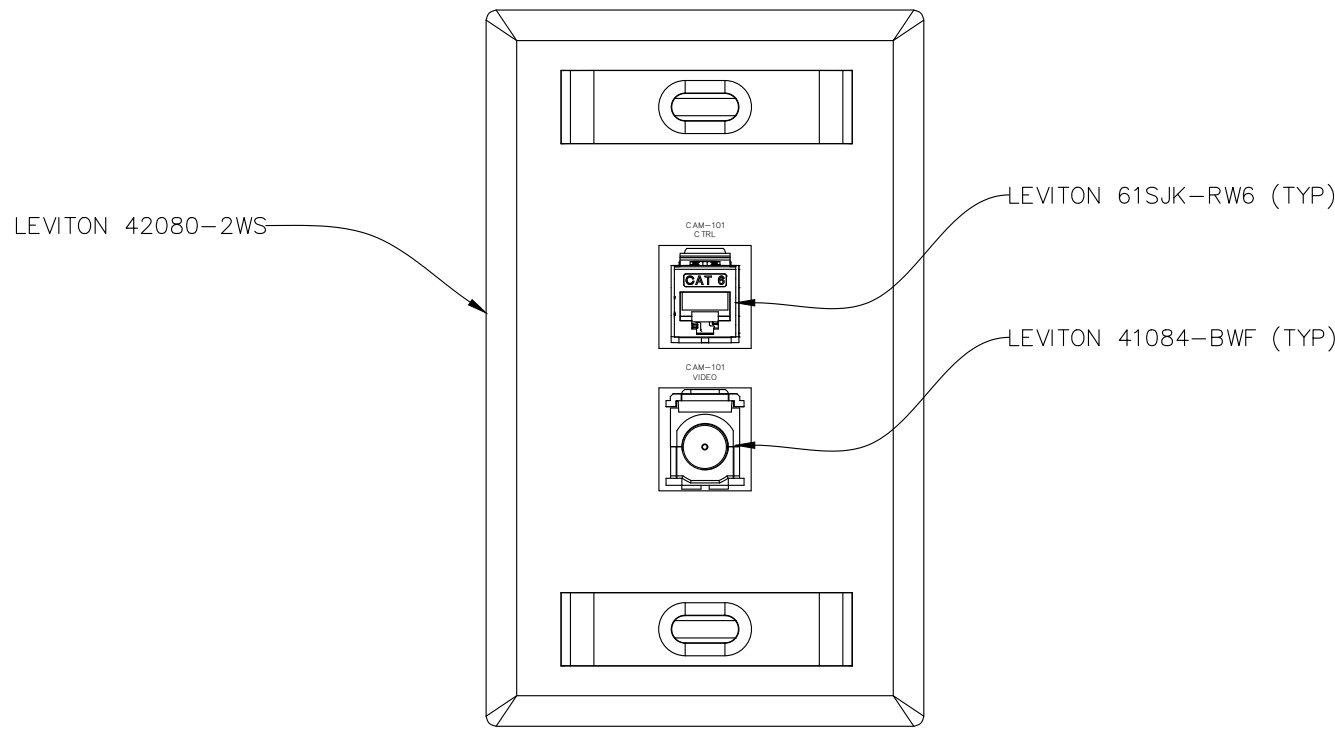
## EXAMPLE AV SYSTEM

DRAWING TITLE:

### MP01 – POWER DISTRIBUTION

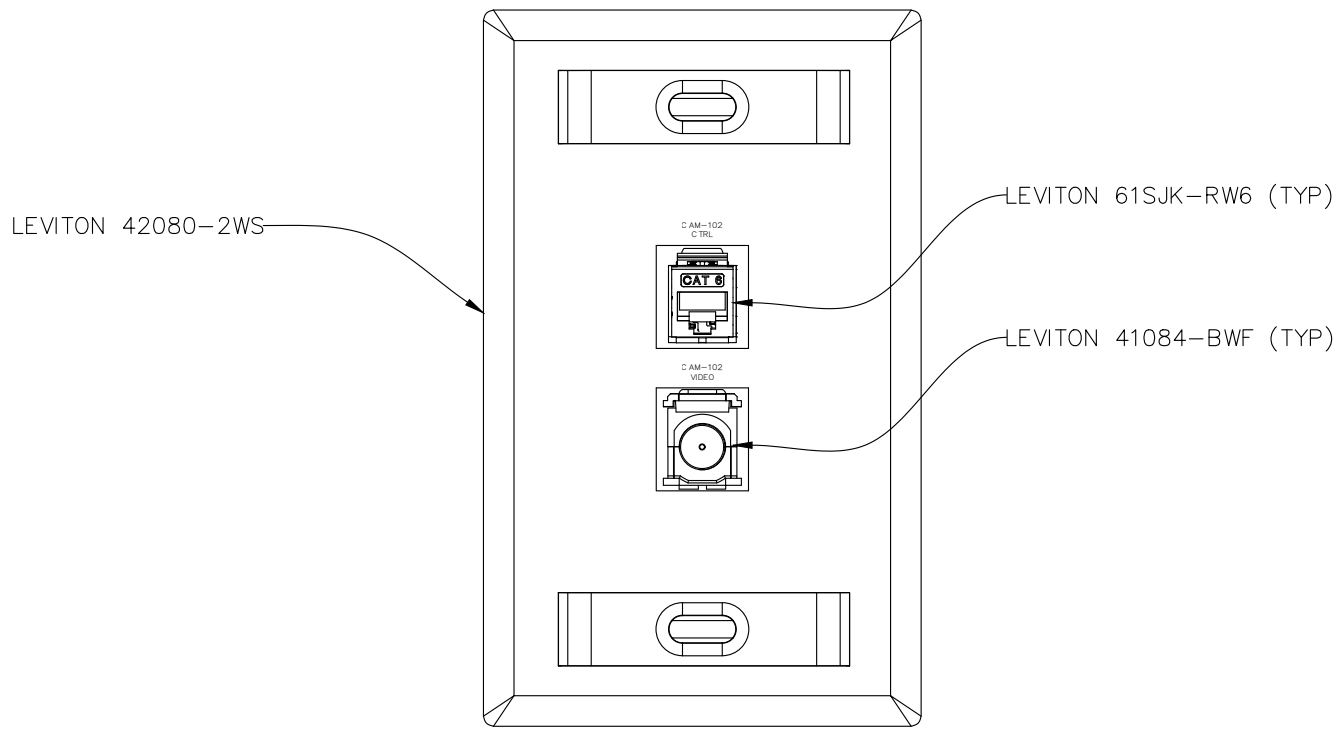
SACLE:	DATE:	DRAWN BY:	CHECKED BY:
NTS	2/1/24	JH	---
PROJECT:	SHEET:	REVISION:	
AV-22		A	

WP-101



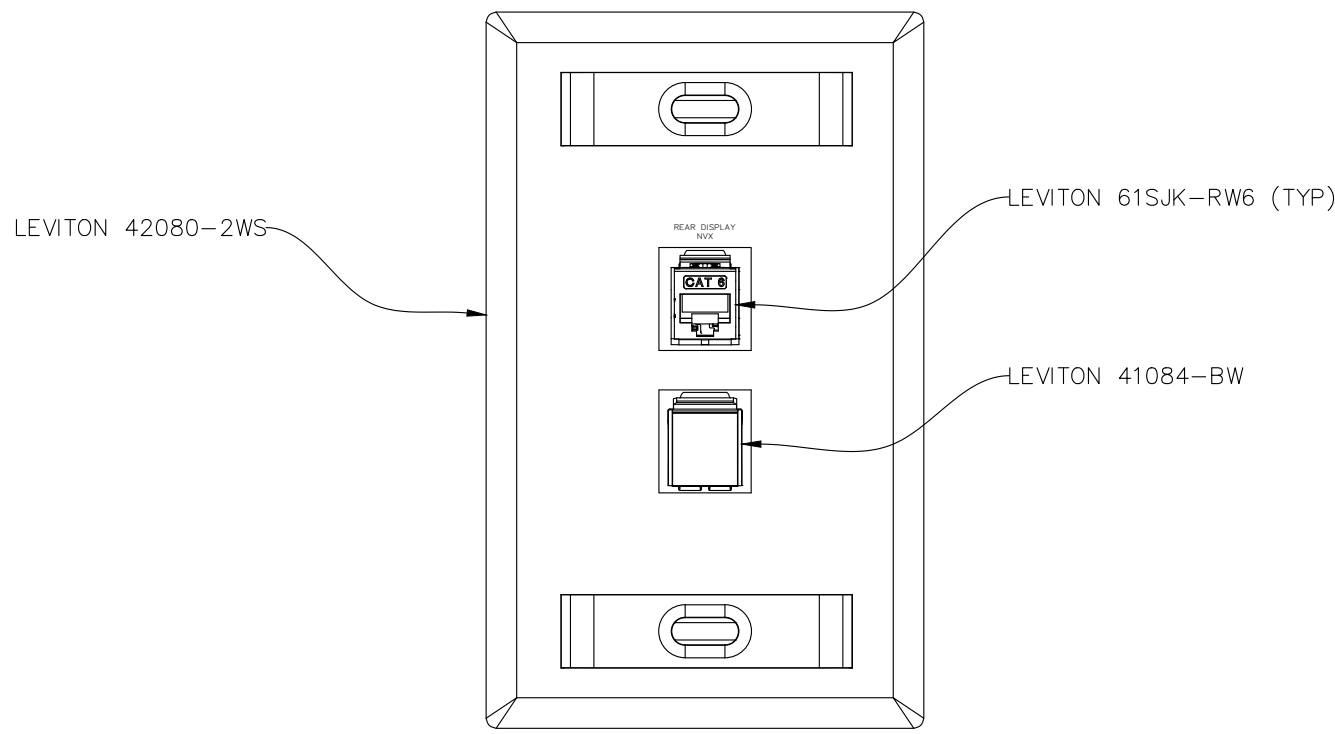
FRONT WALL – CAMERA 1  
(CAM-101)

WP-102



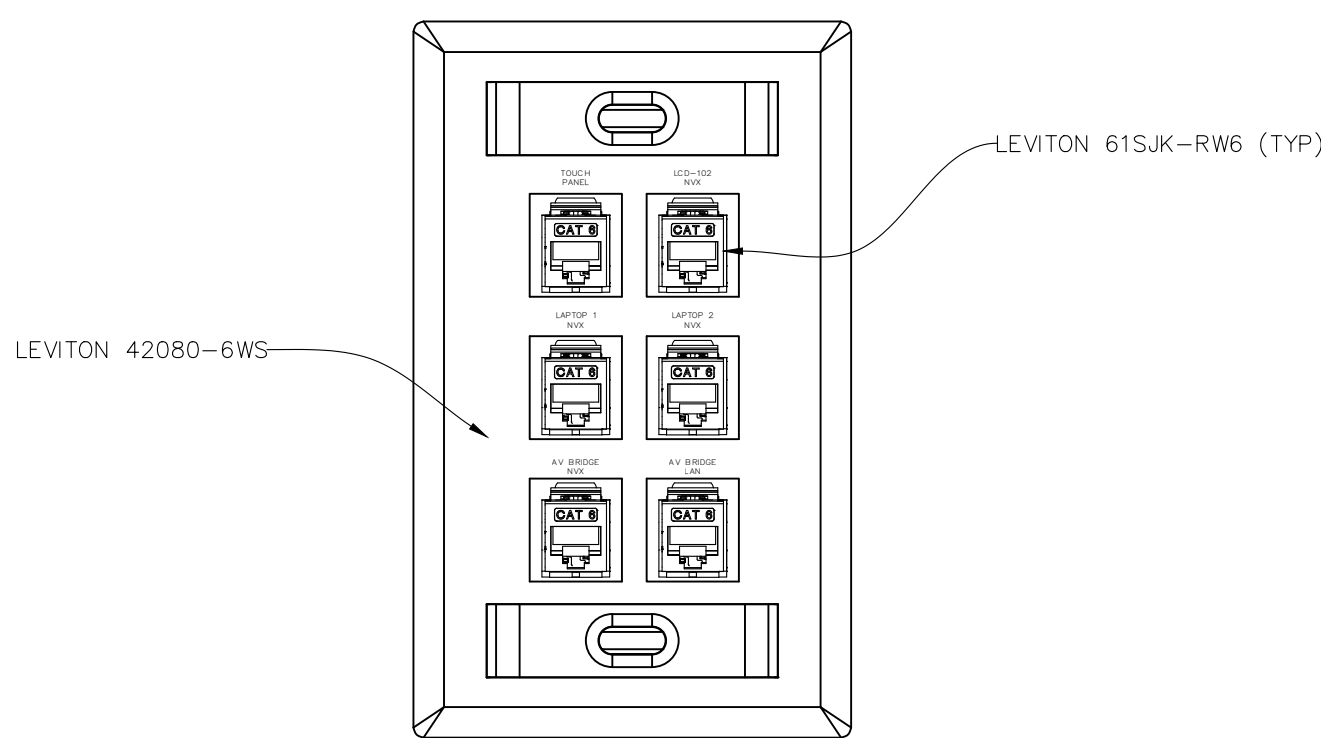
BACK WALL – CAMERA 2  
(CAM-102)

WP-103



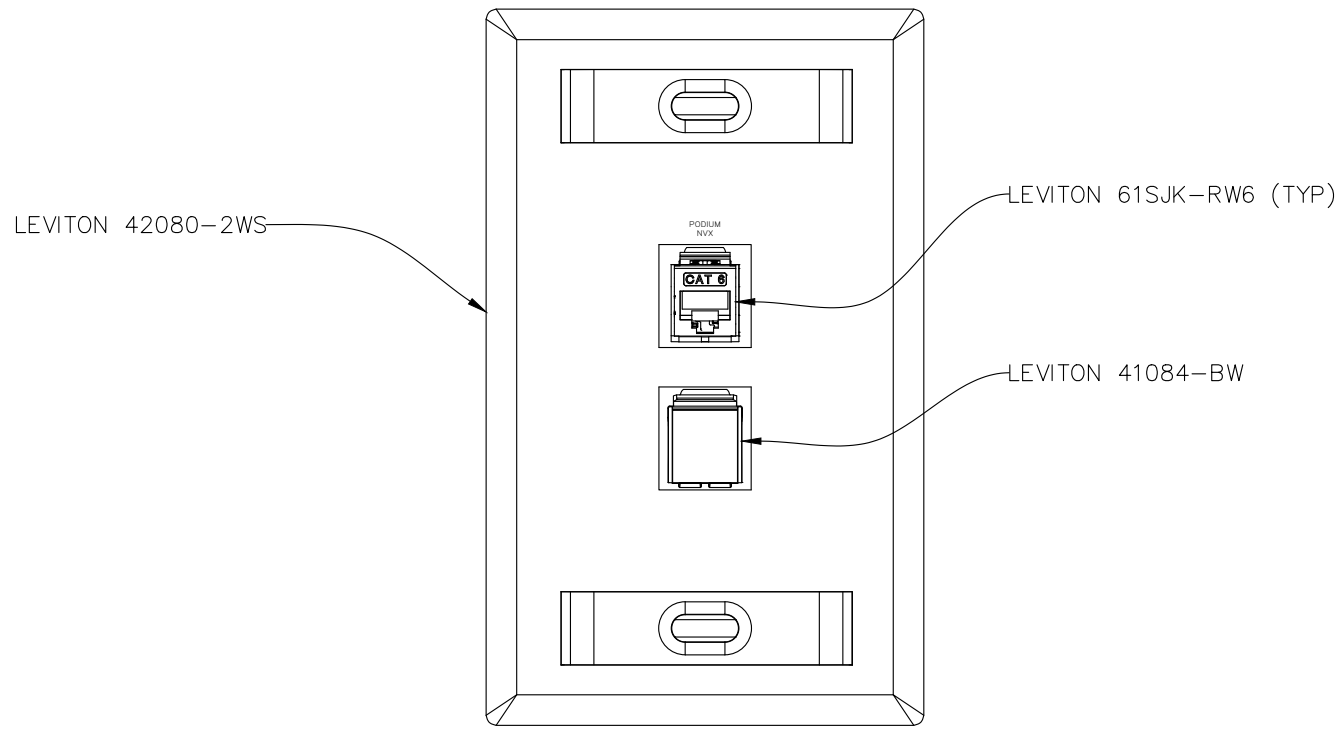
BACK WALL – REAR DISPLAY  
(LCD-101)

WP-104



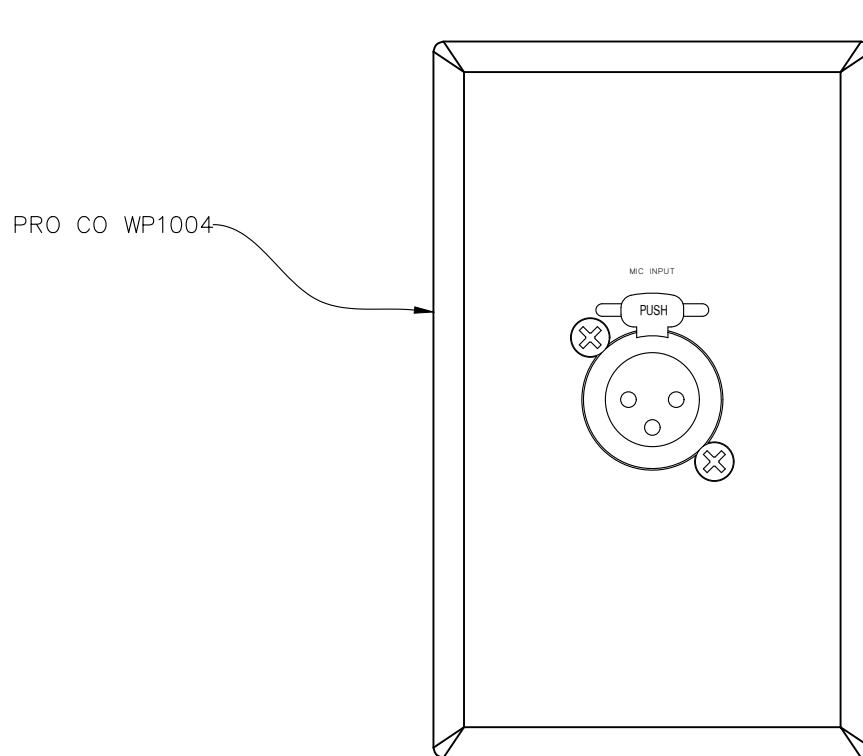
BACK TABLE

FB-101



PODIUM  
(NVXE-106)

WP-105



BACK TABLE – MIC INPUT

NOTES:

NOT FOR PRODUCTION

This drawing set depicts the AV systems for a theoretical conference center with three combinable multipurpose rooms. A central control room manages all equipment and supports adjacent production spaces. The system is designed for secure operation across multiple classification levels. This design is conceptual and does not reflect any real-world facility.

Copyright ©Joseph Held, 2024

All rights reserved. This AutoCAD AV system drawing and its contents, including but not limited to text, graphics, and design, are the intellectual property of Joseph Held. Reproduction, distribution, modification, or sharing of this document, in whole or in part, without the express written permission of the copyright owner, is strictly prohibited.

For permissions or inquiries, please contact:

Joe Held  
joe.held@gmail.com  
heldsystems.net

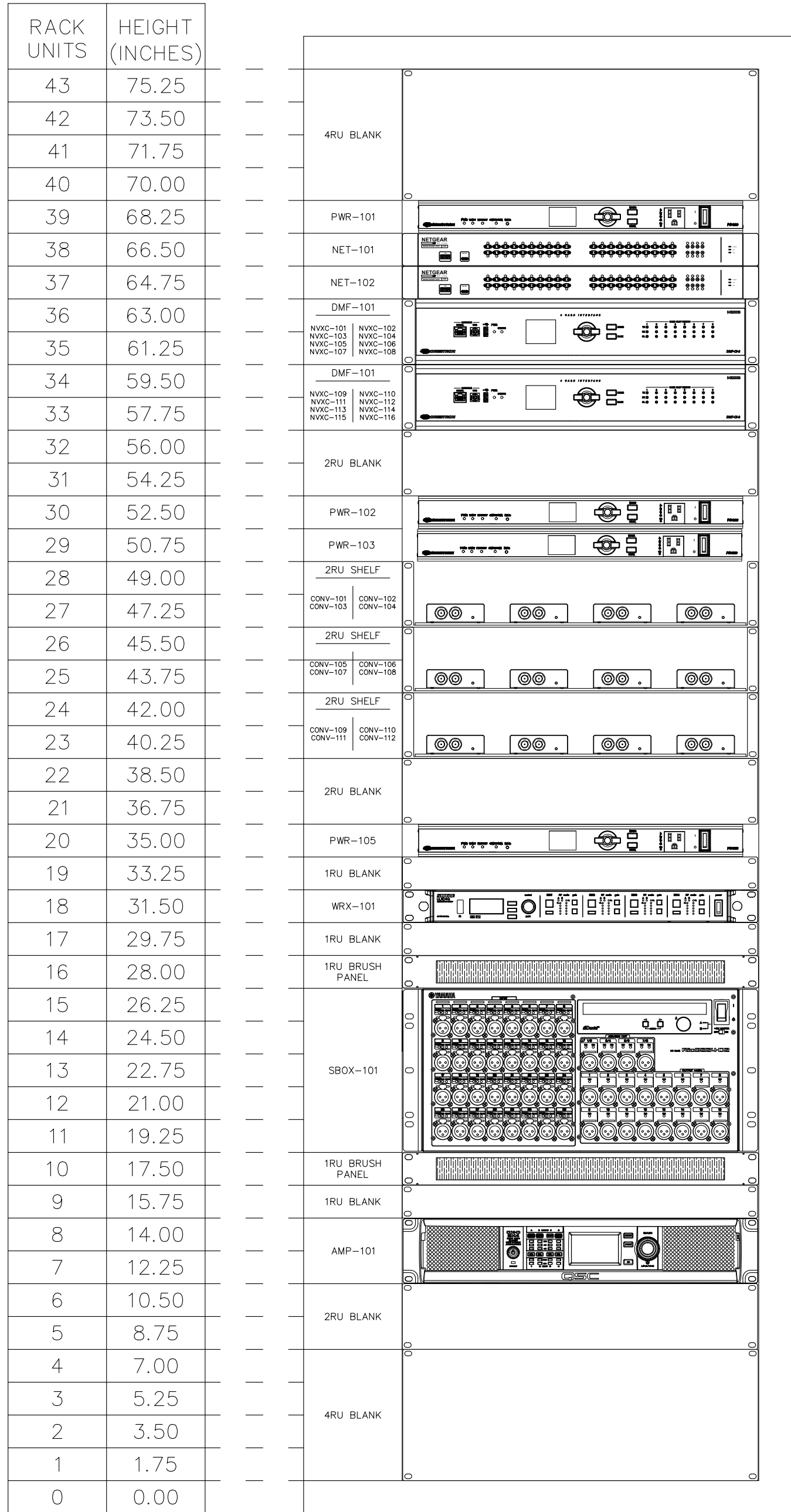
A	INITIAL DRAWING	JH	02/01/2024
REV:	DESCRIPTION:	BY:	DATE:
STATUS:			

ENGINEER:	
	JOE HELD 1234 FAKE AVE BALTIMORE, MD 21224 HELDSYSTEMS.NET

CLIENT:	
	.logo-black.png
	CLIENT NAME 321 FAKE WAY SOME PLACE, MD 21224

SITE:	EXAMPLE AV SYSTEM		
DRAWING TITLE:	MP01 – PLATE & PANEL		
SACLE:	DATE:	DRAWN BY:	CHECKED BY:
NTS	2/1/24	JH	---
PROJECT:	SHEET:	REVISION:	
---	AV-23	A	

# ER-101



MP01 – ER-101  
RACK ELEVATION

NOTES:

NOT FOR PRODUCTION

This drawing set depicts the AV systems for a theoretical conference center with three combinable multipurpose rooms. A central control room manages all equipment and supports adjacent production spaces. The system is designed for secure operation across multiple classification levels. This design is conceptual and does not reflect any real-world facility.

Copyright ©Joseph Held, 2024

All rights reserved. This AutoCAD AV system drawing and its contents, including but not limited to text, graphics, and design, are the intellectual property of Joseph Held. Reproduction, distribution, modification, or sharing of this document, in whole or in part, without the express written permission of the copyright owner, is strictly prohibited.

For permissions or inquiries, please contact:

Joe Held  
joe.held@gmail.com  
heldsystems.net

A	INITIAL DRAWING	JH	02/01/2024
REV:	DESCRIPTION:	BY:	DATE:
STATUS:			

ENGINEER:

JOE HELD

1234 FAKE AVE  
BALTIMORE, MD  
21224  
HELDSYSTEMS.NET

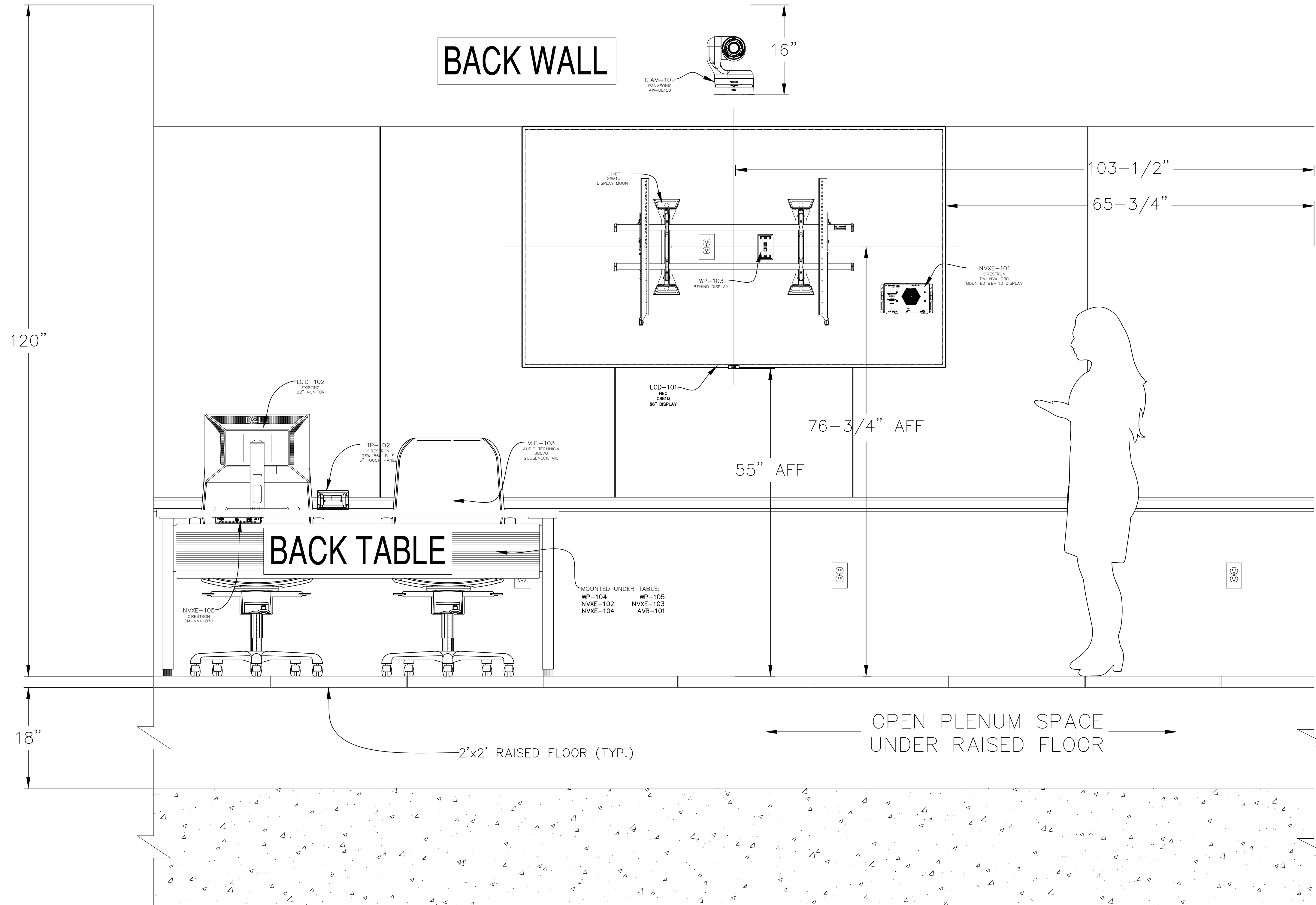
CLIENT:

CLIENT NAME

321 FAKE WAY  
SOME PLACE, MD  
21224

SITE:			
EXAMPLE AV SYSTEM			
DRAWING TITLE:			
MP01 ER-101 RACK ELEVATION			
SACLE:	DATE:	DRAWN BY:	CHECKED BY:
NTS	2/1/24	JH	_____
PROJECT:	SHEET:	REVISION:	
_____	AV-24	A	





# MP01 — MULTIPURPOSE ROOM BACK WALL ELEVATION

NOTES:

**NOT FOR PRODUCTION**

This drawing set depicts the AV systems for a theoretical conference center with three combinable multipurpose rooms. A central control room manages all equipment and supports adjacent production spaces. The system is designed for secure operation across multiple classification levels. This design is conceptual and does not reflect any real-world facility.

Copyright ©Joseph Held, 2024

All rights reserved. This AutoCAD AV system drawing and its contents, including but not limited to text, graphics, and design, are the intellectual property of Joseph Held. Reproduction, distribution, modification, or sharing of this document, in whole or in part, without the express written permission of the copyright owner, is strictly prohibited.

For permissions or inquiries, please contact:

Joe Held  
joe.held@gmail.com  
heldsystems.net

A	INITIAL DRAWING	JH	02/01/2024
REV:	DESCRIPTION:	BY:	DATE:
STATUS:			

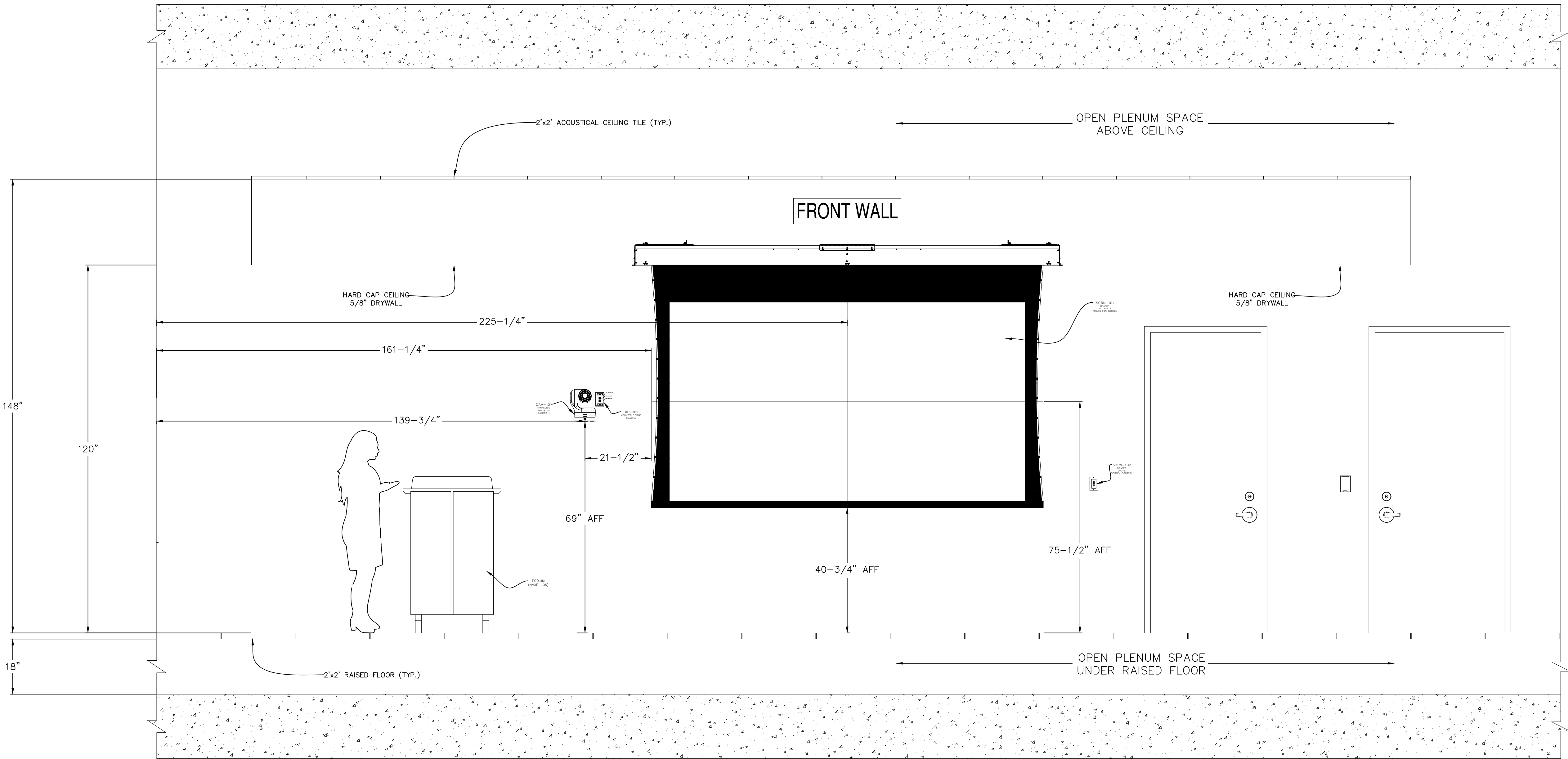
ENGINEER:

**JOE HELD**  
1234 FAKE AVE  
BALTIMORE, MD  
21224  
HELDSYSTEMS.NET

CLIENT:

**CLIENT NAME**  
321 FAKE WAY  
SOME PLACE, MD  
21224

SITE: <b>EXAMPLE AV SYSTEM</b>			
DRAWING TITLE: <b>MP01 — BACK WALL ELEVATION</b>			
SACLE: NTS	DATE: 2/1/24	DRAWN BY: JH	CHECKED BY: ___
PROJECT: ___	SHEET: AV-25	REVISION: A	



MP01 — MULTIPURPOSE ROOM  
FRONT WALL

NOTES:

## NOT FOR PRODUCTION

This drawing set depicts the AV systems for a theoretical conference center with three combinable multipurpose rooms. A central control room manages all equipment and supports adjacent production spaces. The system is designed for secure operation across multiple classification levels. This design is conceptual and does not reflect any real-world facility.

Copyright ©Joseph Held, 2024

All rights reserved. This AutoCAD AV system drawing and its contents, including but not limited to text, graphics, and design, are the intellectual property of Joseph Held. Reproduction, distribution, modification, or sharing of this document, in whole or in part, without the express written permission of the copyright owner, is strictly prohibited.

For permissions or inquiries, please contact:

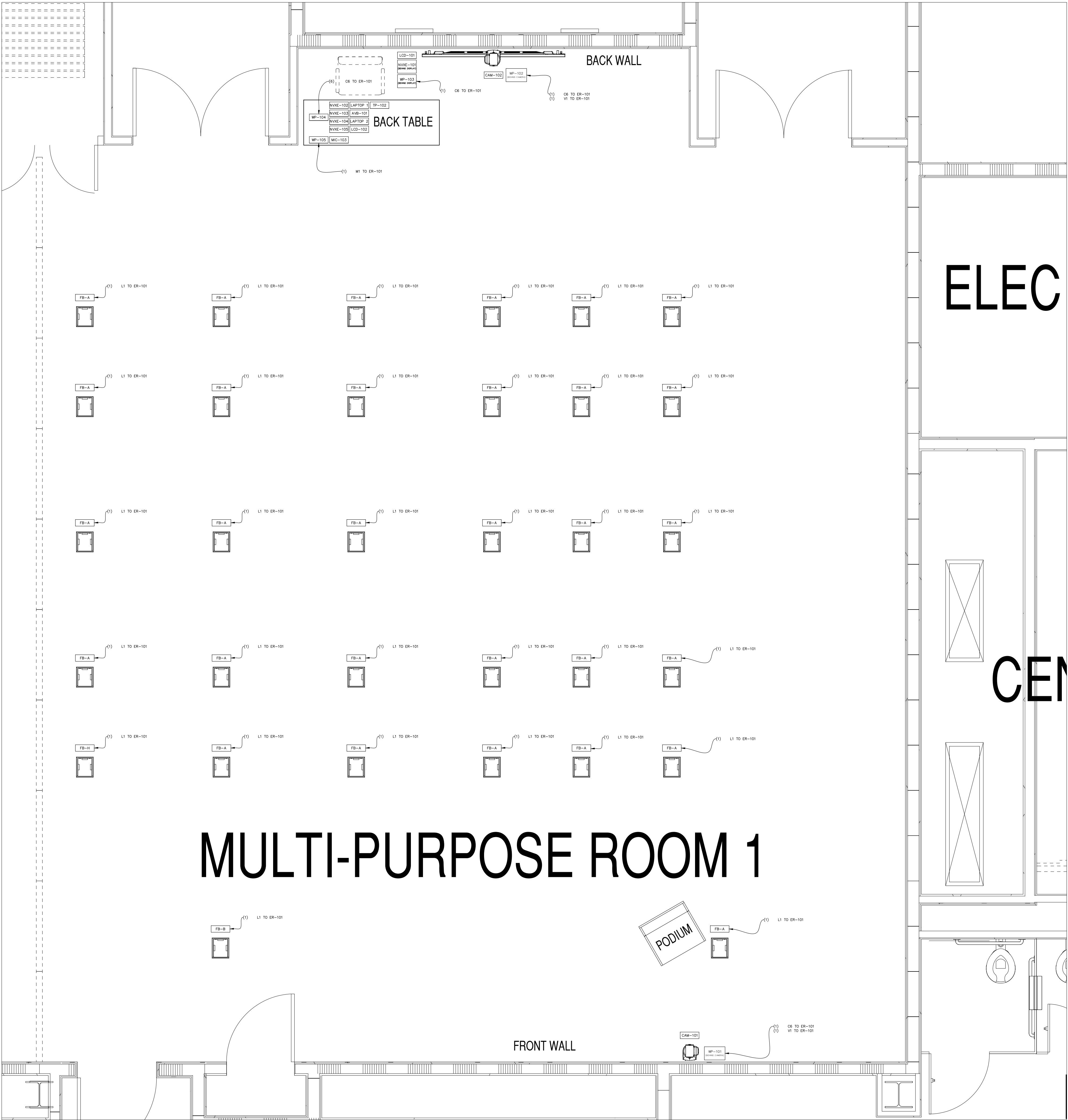
Joe Held  
joe.held@gmail.com  
heldsystems.net

A	INITIAL DRAWING	JH	02/01/2024
REV:	DESCRIPTION:	BY:	DATE:
STATUS:			

ENGINEER:	
	JOE HELD 1234 FAKE AVE BALTIMORE, MD 21224 HELDSYSTEMS.NET

CLIENT:	
	.logo-black.png
	CLIENT NAME 321 FAKE WAY SOME PLACE, MD 21224

SITE:	EXAMPLE AV SYSTEM		
DRAWING TITLE:	MP01 — FRONT WALL ELEVATION		
SACLE:	DATE:	DRAWN BY:	CHECKED BY:
NTS	2/1/24	JH	---
PROJECT:	SHEET:	REVISION:	
---	AV-26	A	



NOTES:

NOT FOR PRODUCTION

This drawing set depicts the AV systems for a theoretical conference center with three combinable multipurpose rooms. A central control room manages all equipment and supports adjacent production spaces. The system is designed for secure operation across multiple classification levels. This design is conceptual and does not reflect any real-world facility.

Copyright ©Joseph Held, 2024

All rights reserved. This AutoCAD AV system drawing and its contents, including but not limited to text, graphics, and design, are the intellectual property of Joseph Held. Reproduction, distribution, modification, or sharing of this document, in whole or in part, without the express written permission of the copyright owner, is strictly prohibited.

For permissions or inquiries, please contact:

Joe Held  
joe.held@gmail.com  
heldsystems.net

A	INITIAL DRAWING	JH	02/01/2024
REV:	DESCRIPTION:	BY:	DATE:
STATUS:			

ENGINEER:

.logo-no-background.png

JOE HELD  
1234 FAKE AVE  
BALTIMORE, MD  
21224  
HELDSYSTEMS.NET

CLIENT:

.logo-black.png

CLIENT NAME  
321 FAKE WAY  
SOME PLACE, MD  
21224

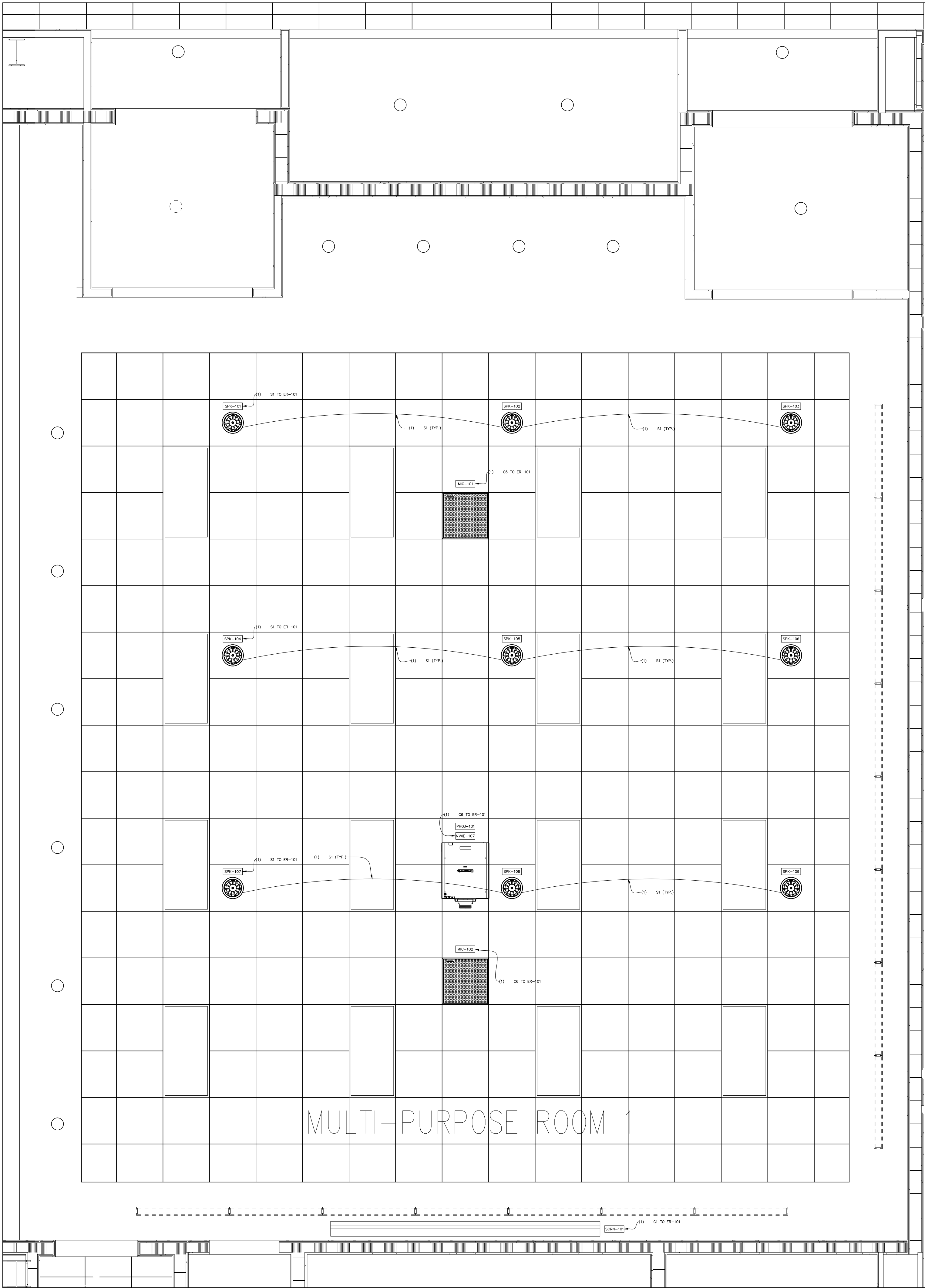
SITE:

EXAMPLE AV SYSTEM

DRAWING TITLE:

MP01 – FACILITY PLAN

SACLE:	DATE:	DRAWN BY:	CHECKED BY:
NTS	2/1/24	JH	---
PROJECT:	SHEET:	REVISION:	
---	AV-27	A	



NOTES:

NOT FOR PRODUCTION

This drawing set depicts the AV systems for a theoretical conference center with three combinable multipurpose rooms. A central control room manages all equipment and supports adjacent production spaces. The system is designed for secure operation across multiple classification levels. This design is conceptual and does not reflect any real-world facility.

Copyright ©Joseph Held, 2024

All rights reserved. This AutoCAD AV system drawing and its contents, including but not limited to text, graphics, and design, are the intellectual property of Joseph Held. Reproduction, distribution, modification, or sharing of this document, in whole or in part, without the express written permission of the copyright owner, is strictly prohibited.

For permissions or inquiries, please contact:

Joe Held  
joe.held@gmail.com  
heldsystems.net

A	INITIAL DRAWING	JH	02/01/2024
REV:	DESCRIPTION:	BY:	DATE:
STATUS:			

ENGINEER:

.logo-background.png

JOE HELD  
1234 FAKE AVE  
BALTIMORE, MD  
21224  
HELDSYSTEMS.NET

CLIENT:

.logo-black.png

CLIENT NAME  
321 FAKE WAY  
SOME PLACE, MD  
21224

SITE:

EXAMPLE AV SYSTEM

DRAWING TITLE:

MP01 – REFLECTED CEILING PLAN

SACLE:	DATE:	DRAWN BY:	CHECKED BY:
NTS	2/1/24	JH	---
PROJECT:	SHEET:	REVISION:	
---	AV-28	A	