

SAMPLE RESIDENCE
ANYTOWN, USA
AUDIO VISUAL SYSTEMS DRAWINGS

DRAWING INDEX

DRAWING NUMBER	DRAWING TITLE
	GENERAL
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AV-1.1	AV DEVICE PLAN - MAIN LEVEL
AV-1.2	AV DEVICE PLAN - UPPER LEVEL
	ELEVATIONS & DETAILS
AV-3.1	ELEVATIONS - THEATER 102
AV-3.2	ELEVATIONS - GREAT ROOM 201, GAME ROOM 103
AV-3.3	ELEVATIONS - TYPICAL DISPLAY WALL, TOUCH SCREEN, KEYPAD, DOOR STATION
	SIGNAL FLOW DIAGRAMS
AV-4.0	SIGNAL FLOW DIAGRAM - RACK RK-101
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AV-4.4	SIGNAL FLOW DIAGRAM - FIELD DEVICES - LOWER LEVEL
AV-4.5	SIGNAL FLOW DIAGRAM - FIELD DEVICES - MAIN LEVEL (1 OF 2)
AV-4.6	SIGNAL FLOW DIAGRAM - FIELD DEVICES - MAIN LEVEL (2 OF 2)
AV-4.7	SIGNAL FLOW DIAGRAM - FIELD DEVICES - UPPER LEVEL
	SCHEDULES & RACK ELEVATIONS
AV-5.0	CABLE SCHEDULE - LOWER LEVEL AND RACKS
AV-5.1	CABLE SCHEDULE - MAIN LEVEL
AV-5.2	CABLE SCHEDULE - UPPER LEVEL
AV-5.3	RACK ELEVATION - RK-101 A/V ROOM 101
AV-5.4	RACK ELEVATION - RK-102 A/V ROOM 101

REVISIONS

REV.	YYYY/MM/DD	DESCRIPTION
1	2026/10/03	FOR REVIEW
2		
3		
4		
5		
6		
7		
8		
9		
10		

DRAWING INFORMATION

DRAWN BY	J. MCNEELY
CHECKED BY	
PROJECT NO.	
SHEET SIZE	ARCH D (24X36)

CLIENT

SAMPLE RESIDENCE
SAMPLE PROJECT

ADDRESS

ANYTOWN, USA

PROJECT

CONTROL4 SMART HOME

PREPARED BY

 INTEGRATOR
DRAFTWORKS

AV SYSTEM DRAFTING
(505) 527-2959
INTEGRATORDRAFTWORKS.COM
JAMESAVDRAFTING@GMAIL.COM

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DESCRIPTION

AUDIO VISUAL SYSTEMS

SYSTEM SUMMARY

VIDEO - BINARY MOIP	AV-4.0
SURROUND - SONY RECEIVERS	AV-4.0, 4.2
AUDIO - TRIAD	AV-4.1
CONTROL - CONTROL4	AV-4.1
NETWORK - ARAKNIS	AV-4.1
CAMERAS - LUMA	AV-4.1

ISSUE INFO

DATE ISSUED	2026/10/03
-------------	------------

STATUS

PRELIMINARY

NOT FOR CONSTRUCTION

STATUS CHANGES WITH "ISSUED FOR" BELOW

ISSUED FOR

☒ REVIEW

☐ COORDINATION

☐ CONSTRUCTION

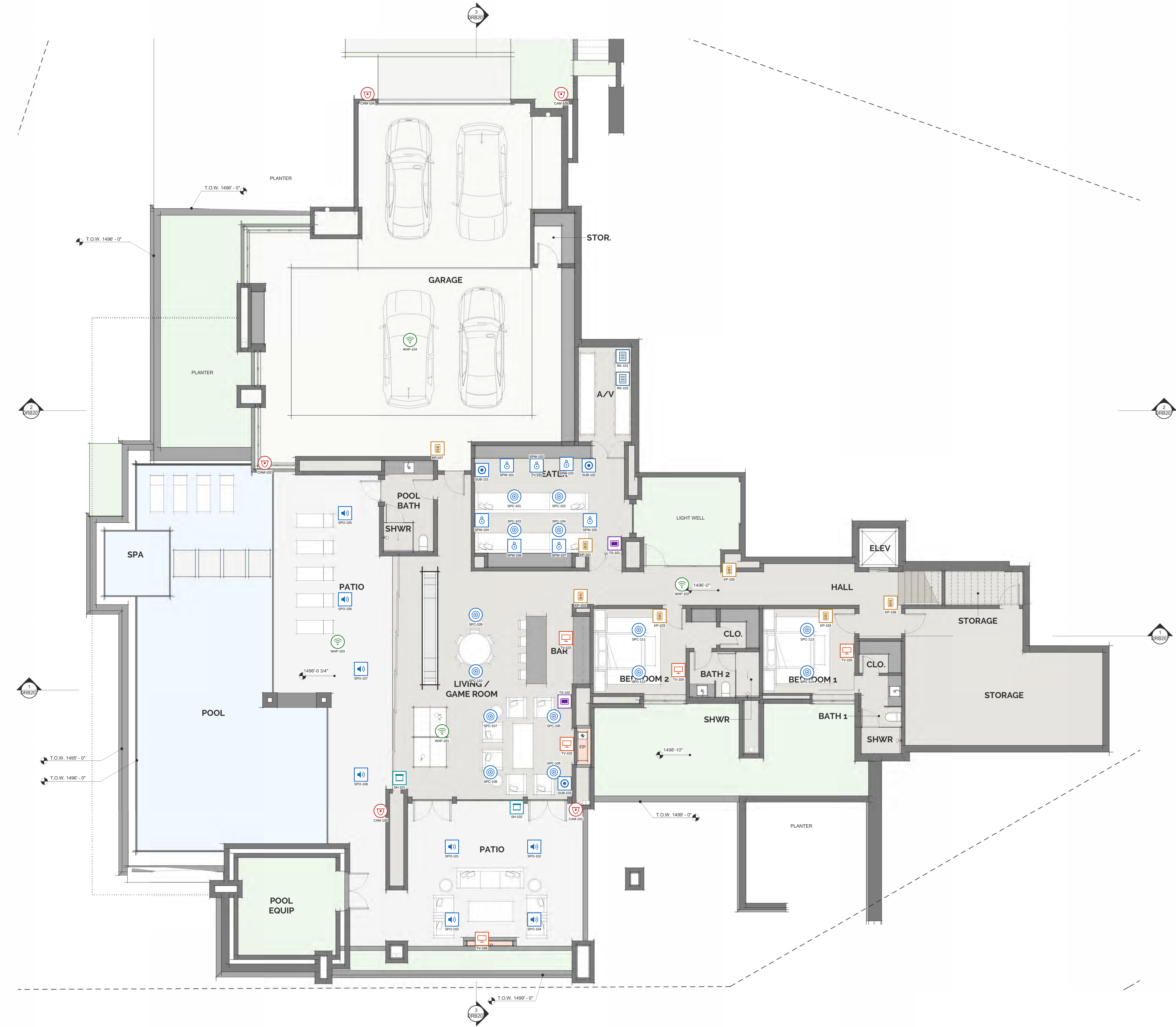
☐ AS-BUILT

SHEET TITLE

DRAWING LIST

AV - 0.0

SHEET 1 OF 20



AV EQUIPMENT LEGEND				
SYMBOL	TAG	DESCRIPTION	MODEL	MOUNTING
	SPC-1nn (14)	IN-CEILING LOUDSPEAKER 6.5 IN.	TRIAD TS-IC63	CEILING, FLUSH
	SPW-1nn (7)	IN-WALL LOUDSPEAKER (LCR / SURROUND)	TRIAD TS-PDX-1W64-LCR	IN WALL, FLUSH
	SUB-1nn (3)	SUBWOOFER	TRIAD - VERIFY MODEL	FLOOR / IN WALL
	SPO-1nn (8)	OUTDOOR LOUDSPEAKER 6.5 IN.	TRIAD TS-0026	SURFACE, UNDER EAVE / LANDSCAPE
	TV-1nn (1)	115 IN. FLAT PANEL DISPLAY (OFE)	OWNER FURNISHED	WALL, FIXED MOUNT
	TV-1nn (5)	FLAT PANEL DISPLAY (OFE)	OWNER FURNISHED	WALL, TILT MOUNT
	TS-1nn (2)	IN-WALL TOUCH SCREEN 8 IN.	CONTROL4 C4-TS1W8	WALL, 54" AFF TO CENTER
	KP-1nn (7)	LUX KEYPAD DIMMER (WIRELESS)	CONTROL4 C4-L-KDS	WALL, 48" AFF TO CENTER
	SH-1nn (2)	MOTORIZED ROLLER SHADE	BY SHADE VENDOR	WINDOW HEAD POCKET
	WAP-1nn (4)	WI-FI 7 ACCESS POINT	ARAKNIS AN-830-AP-1	CEILING
	CAM-1nn (5)	IP TURRET CAMERA 8 MP	LUMA LUM-820-IP-TFW	SOFFIT / WALL
	RK-1nn (2)	EQUIPMENT RACK 35 RU	MIDDLE ATLANTIC ERK-3525	FLOOR, CBS-ERK-25 CASTER BASE

CLIENT
SAMPLE RESIDENCE SAMPLE PROJECT
ADDRESS
ANYTOWN, USA
PROJECT
CONTROL4 SMART HOME
PREPARED BY
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DESCRIPTION
AUDIO VISUAL SYSTEMS

SYSTEM SUMMARY	
VIDEO - BINARY MOIP	AV-4.0
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CONTROL - CONTROL4	AV-4.1
NETWORK - ARAKNIS	AV-4.1
CAMERAS - LUMA	AV-4.1

ISSUE INFO	
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☐ CONSTRUCTION	☐ AS-BUILT

SHEET TITLE

AV DEVICE PLAN
LOWER LEVEL

AV - 1.0

SHEET 2 OF 20

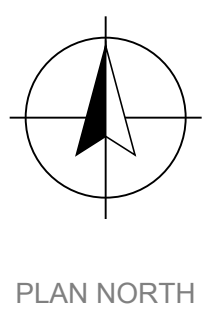
PLAN NORTH

AV DEVICE PLAN - LOWER LEVEL

0' 2' 4' 8' 16'

1/8"=1'-0"

BASE PLAN: DREWETT WORKS HILLSIDE REVIEW SET 10-20-2023 (TOWN OF PARADISE VALLEY PUBLIC RECORD 24-088), CALIBRATED FROM 3/16" = 1'-0". SAMPLE AV SET ONLY.



BASE PLAN: DREWETT WORKS HILLSIDE REVIEW SET 10-20-2023 (TOWN OF PARADISE VALLEY PUBLIC RECORD 24-088). CALIBRATED FROM 3/16" = 1'-0". SAMPLE AV SET ONLY

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NETWORK - ARAKNIS	AV-4.0
CAMERAS - LUMA	AV-4.0

ISSUE INFO

DATE ISSUED 2026/10/03

STATUS

PRELIMINARY

PRELIMINARY

NOT FOR CONSTRUCTION

STATUS CHANGES WITH ISSUED FOR: BELOW

ISSUED FOR _____

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☐ CONSTRUCTION ☐ AS-BUILT

SHEET TITLE

AV DEVICE PLAN

MAIN LEVEL

TOTAL INCREASE

--

AV 1 1

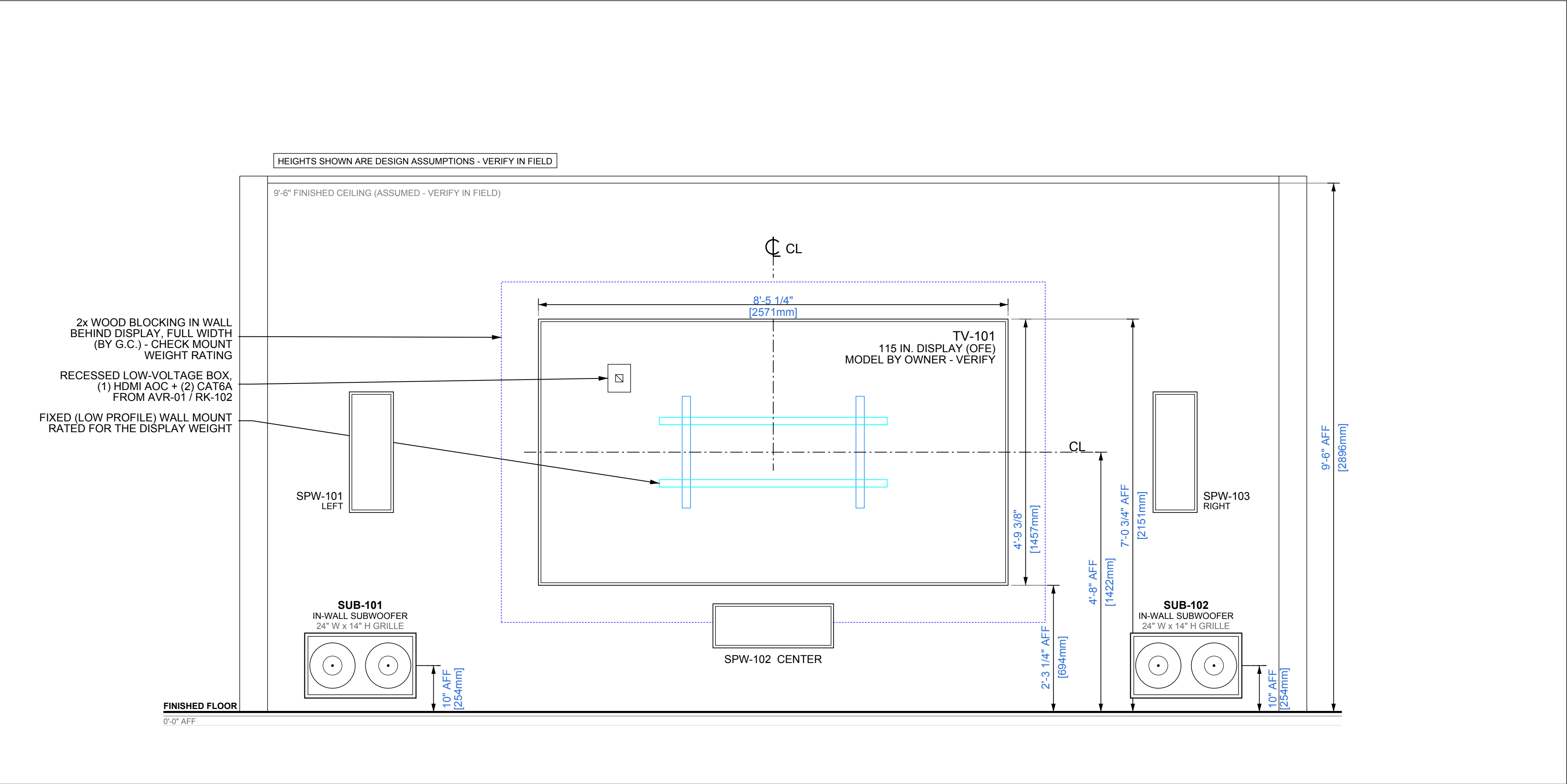
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SHEET 3 OF 20



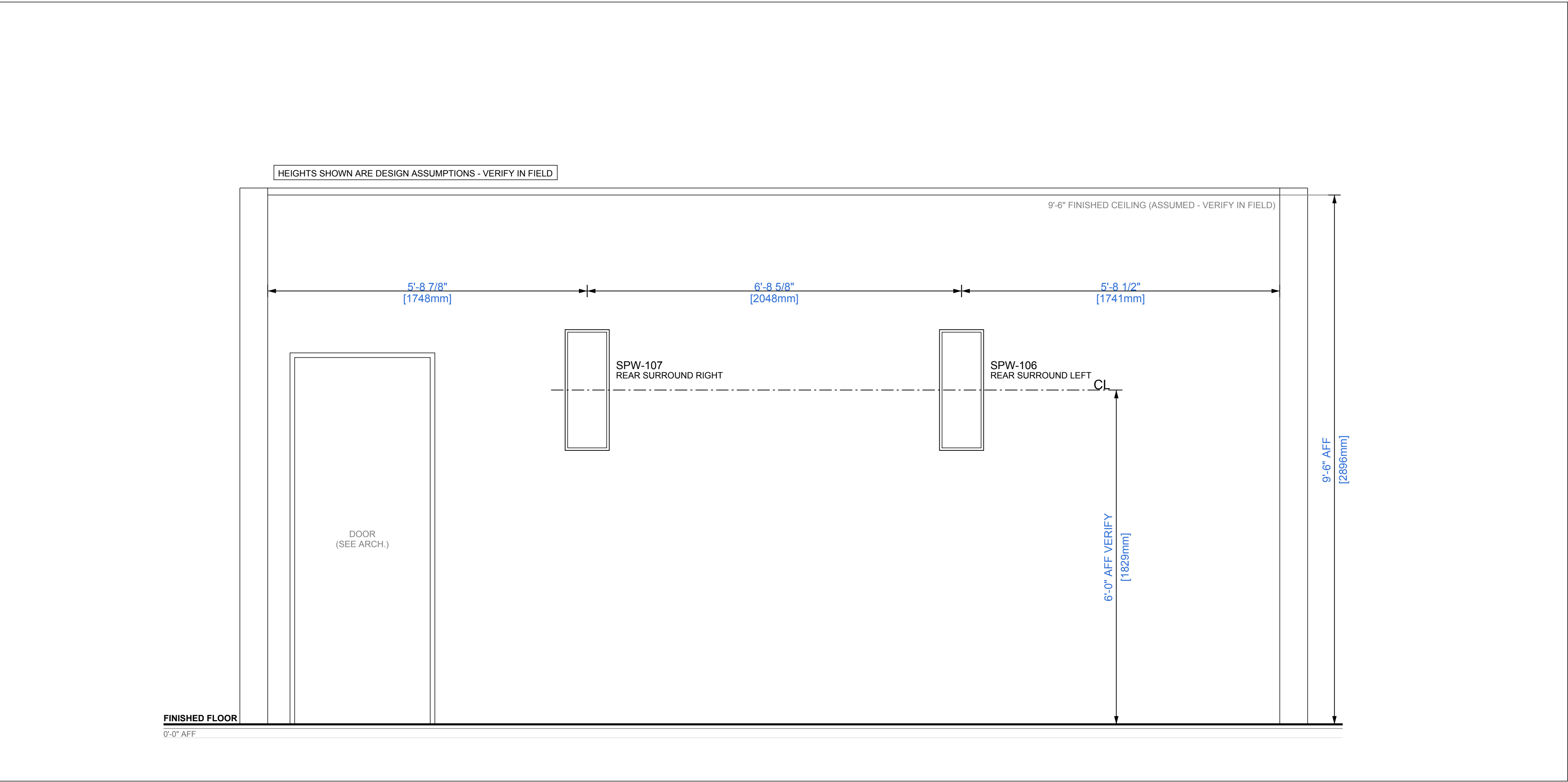
A) EQUIPMENT LEGEND				
SYMBOL	TAG	DESCRIPTION	MODEL	MOUNTING
	SPC-3nn (8)	IN-CEILING LOUDSPEAKER 6.5 IN.	TRIAD TS-IC63	CEILING, FLUSH
	SPDO-3nn (4)	SPEAKER OUTDOOR 6.5 IN.	TRIAD TS-0026	SURFACE, UNDER EAVE / LANDSCAPE
	TV-3nn (4)	FLAT PANEL DISPLAY (OFE)	OWNER FURNISHED	WALL, TILT MOUNT
	TS-3nn (2)	IN WALL TOUCH SCREEN 8 IN.	CONTROL4 C4-TS098	WALL, 54" AFF TO CENTER
	KP-3nn (7)	LUX KEYPAD DIMMER (WIRELESS)	CONTROL4 C4-L-KDS	WALL, 48" AFF TO CENTER
	SH-3nn (3)	MOTORIZED ROLLER SHADE	BY SHADE VENDOR	WINDOW HEAD POCKET
	WAP-3nn (2)	WI-FI 7 ACCESS POINT	ARAXIS AN-830 AP-I	CEILING
	CAM-3nn (3)	IP TURRET CAMERA 8 MP	LUMA LUM-820-IP-TFW	SOFFIT / WALL

[illegible]



1 THEATER 102 DISPLAY WALL (NORTH) - TV-101, LCR LOUDSPEAKERS, SUBWOOFERS

SCALE: 3/4" = 1'-0"

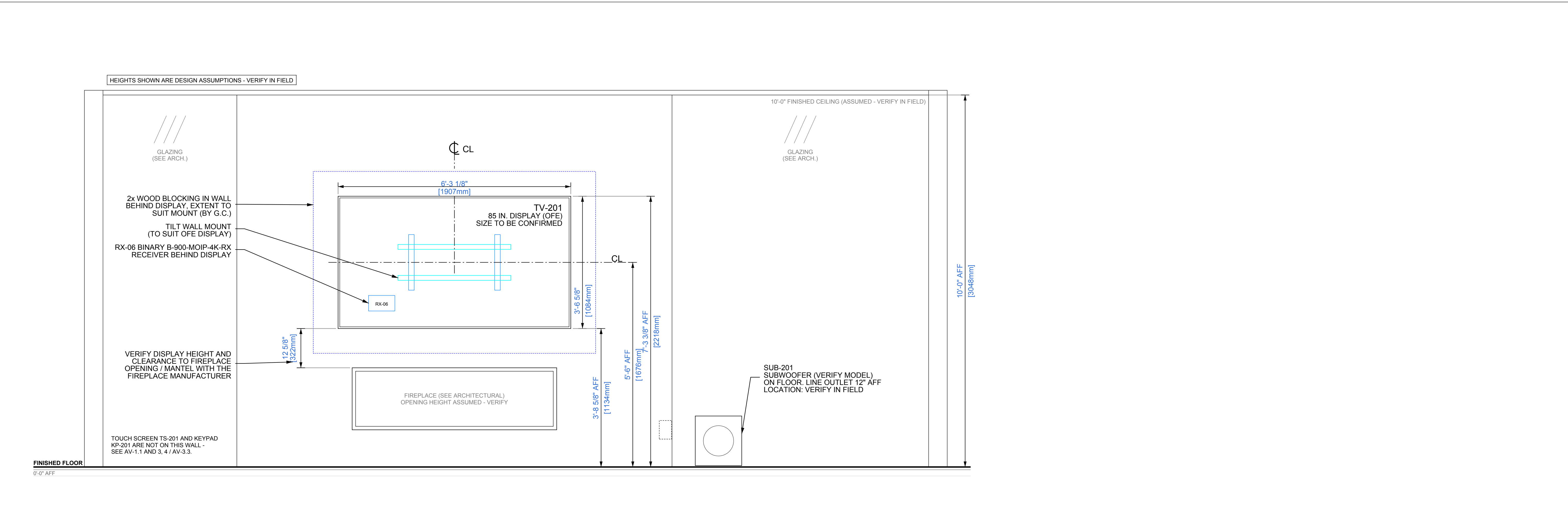


2 THEATER 102 REAR WALL (SOUTH) - REAR SURROUNDS SPW-106 / SPW-107

SCALE: 3/4" = 1'-0"

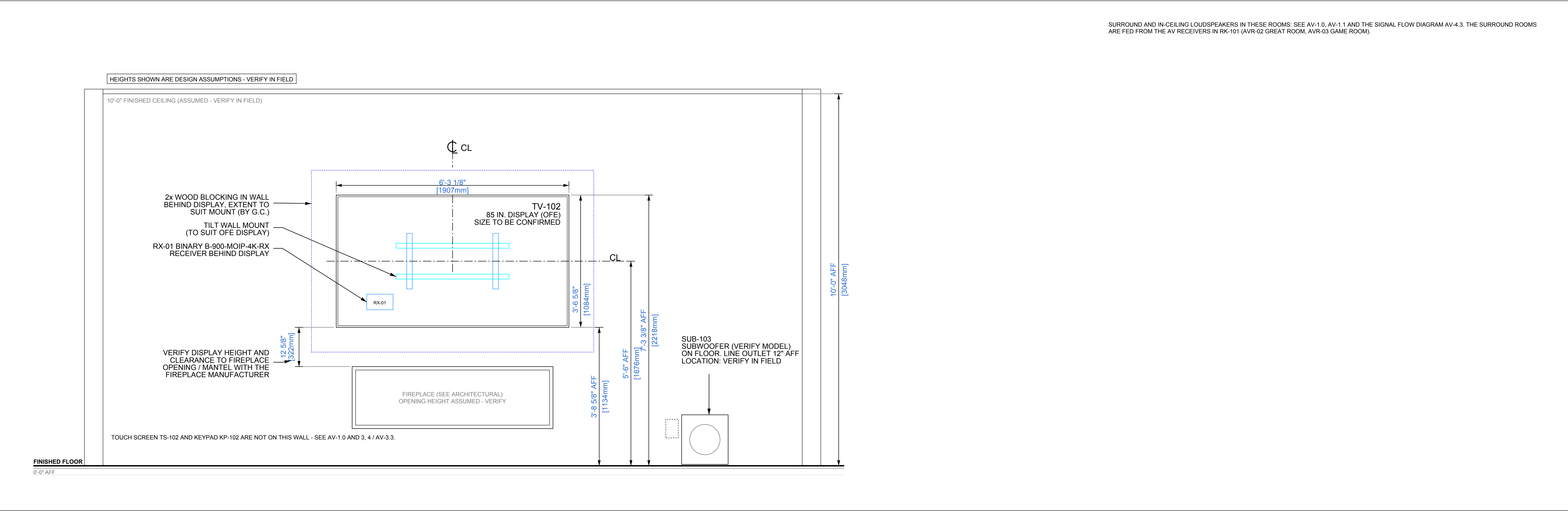
CLIENT
SAMPLE RESIDENCE SAMPLE PROJECT
ADDRESS
ANYTOWN, USA
PROJECT
CONTROL4 SMART HOME
PREPARED BY
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CONTROL - CONTROL4	AV-4.1
NETWORK - ARAKNIS	AV-4.1
CAMERAS - LUMA	AV-4.1
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SHEET TITLE	
ELEVATIONS THEATER 102	
AV - 3.1	
SHEET 5 OF 20	



1 GREAT ROOM 201 DISPLAY WALL ABOVE FIREPLACE (EAST) - TV-201, RX-06, SUB-201

AV-3.2 SCALE: 3/4" = 1'-0"

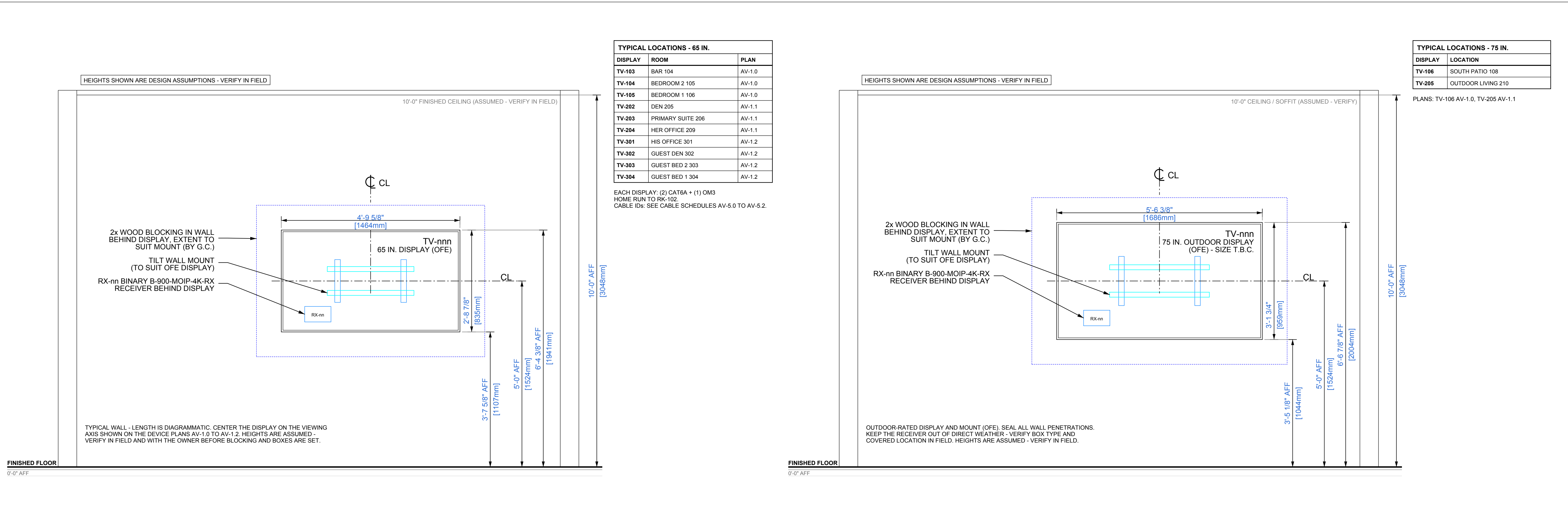


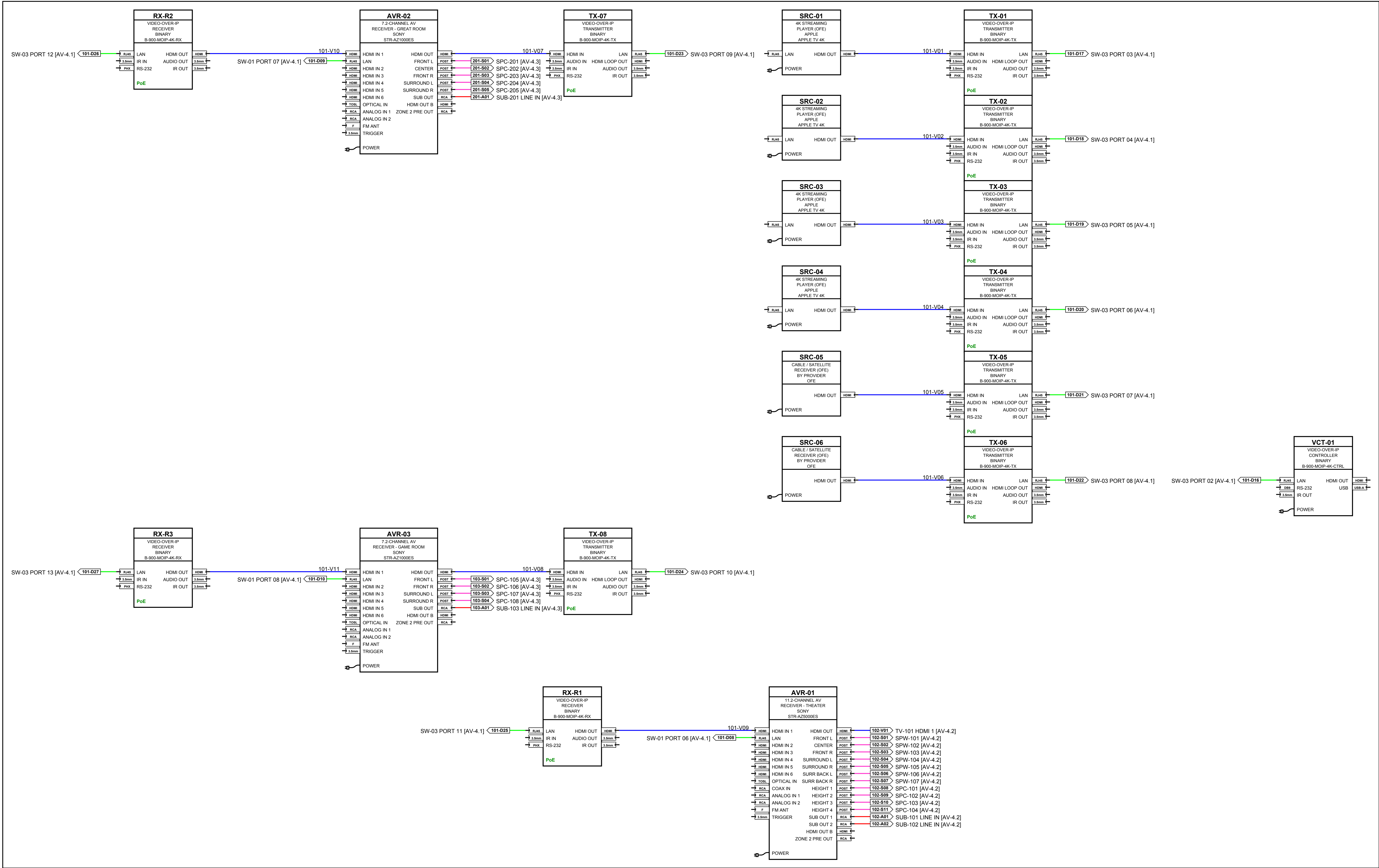
2 GAME ROOM 103 DISPLAY WALL ABOVE FIREPLACE (EAST) - TV-102, RX-01, SUB-103

AV-3.2 SCALE: 3/4" = 1'-0"

CLIENT
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SYSTEM SUMMARY	
VIDEO - BINARY MOIP	AV-4.0
SURROUND - SONY RECEIVERS	AV-4.0, 4.2
AUDIO - TRIAD	AV-4.1
CONTROL - CONTROL4	AV-4.1
NETWORK - ARAKNIS	AV-4.1
CAMERAS - LUMA	AV-4.1
ISSUE INFO	
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☐ CONSTRUCTION	☐ AS-BUILT
SHEET TITLE	
ELEVATIONS GREAT ROOM 201 AND GAME ROOM 103	
AV - 3.2	
SHEET 6 OF 20	





RACK RK-101 - A/V ROOM 101

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DESCRIPTION
AUDIO VISUAL SYSTEMS

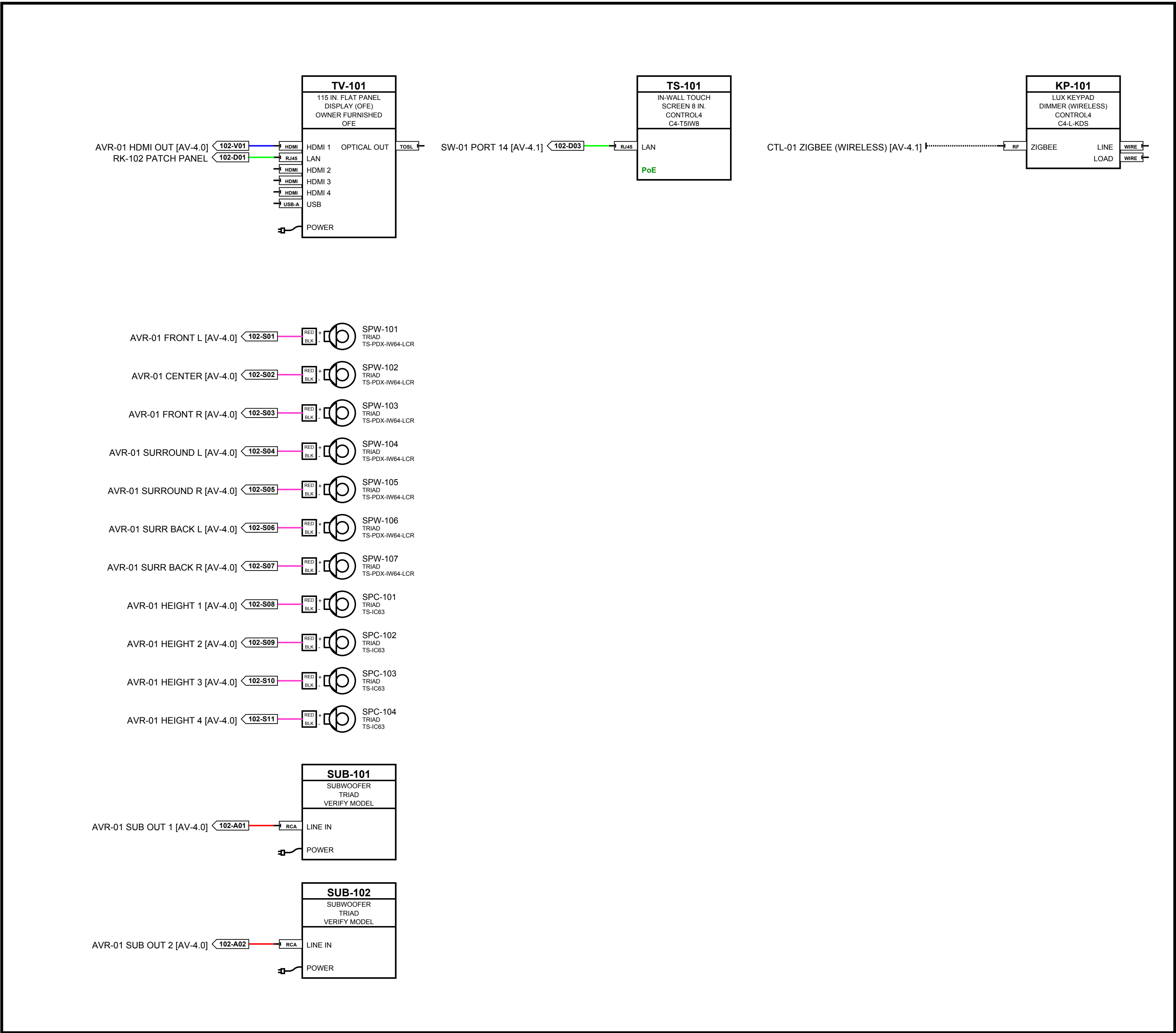
SYSTEM SUMMARY	
VIDEO - BINARY MOIP	AV-4.0
SURROUND - SONY RECEIVERS	AV-4.0, 4.2
AUDIO - TRIAD	AV-4.1
CONTROL - CONTROL4	AV-4.1
NETWORK - ARAKNIS	AV-4.1
CAMERAS - LUMA	AV-4.1

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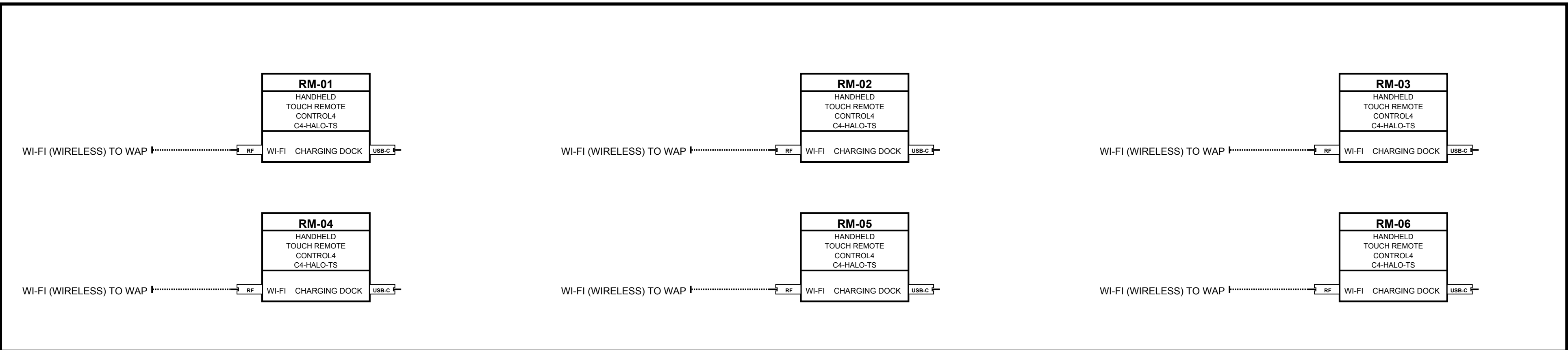
STATUS	
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☐ CONSTRUCTION	☐ AS-BUILT
SHEET TITLE	

SIGNAL FLOW DIAGRAM
RACK RK-101

AV - 4.0



THEATER 102



HANDHELD REMOTES - PORTABLE

- CABLE TYPE LEGEND
- V - HDMI / HDMI AOC
 - D - CAT6A / PoE
 - F - OM3 FIBER
 - A - LINE AUDIO
 - S - SPEAKER 14/2
 - C - SHADE (BY VENDOR)
 - WIRELESS (NO CABLE)

CLIENT

SAMPLE RESIDENCE
SAMPLE PROJECT

ADDRESS

ANYTOWN, USA

PROJECT

CONTROL4 SMART HOME

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NETWORK - ARAKNIS	AV-4.1
CAMERAS - LUMA	AV-4.1

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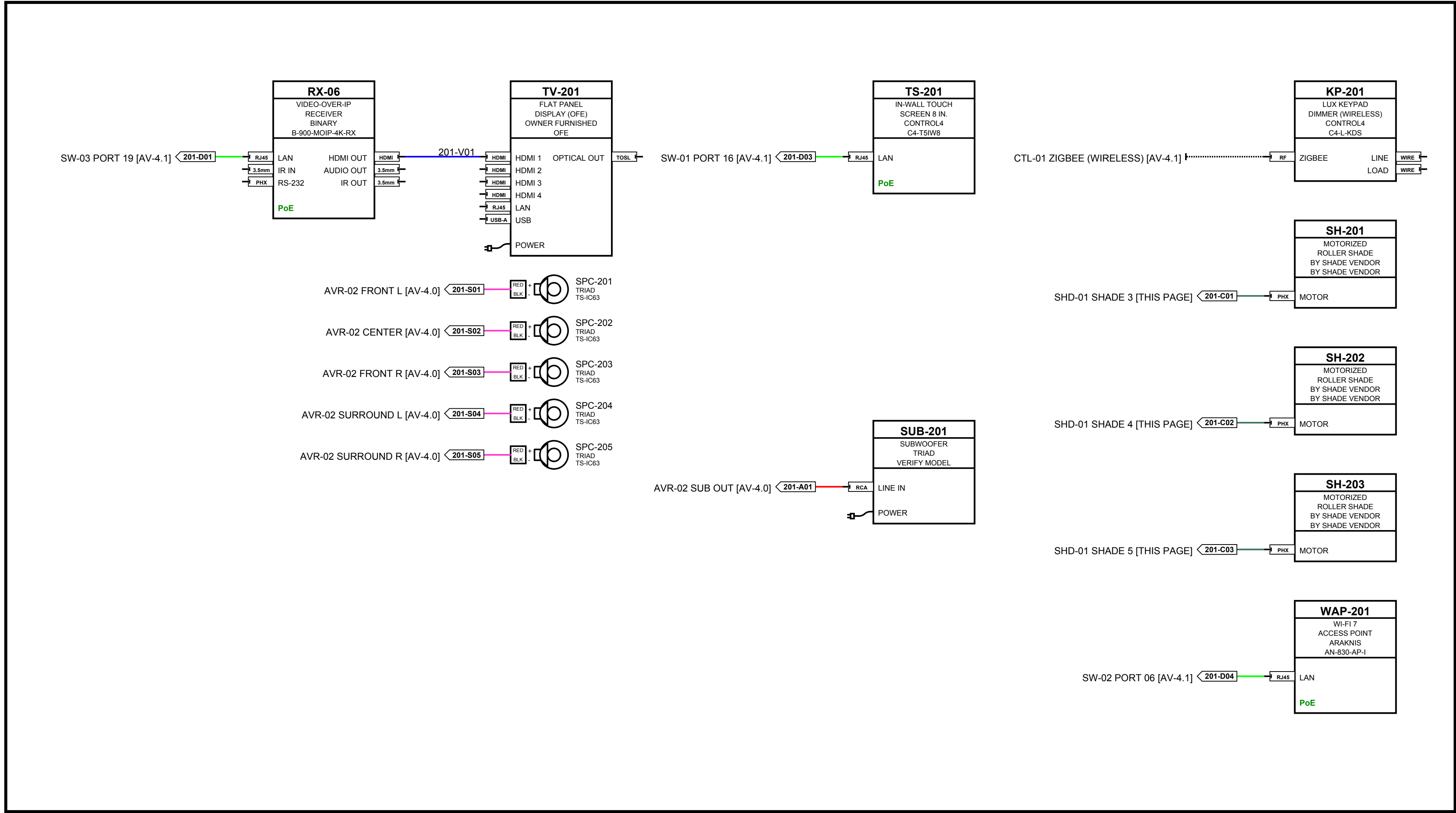
☒ REVIEW	☐ COORDINATION
☐ CONSTRUCTION	☐ AS-BUILT

SHEET TITLE

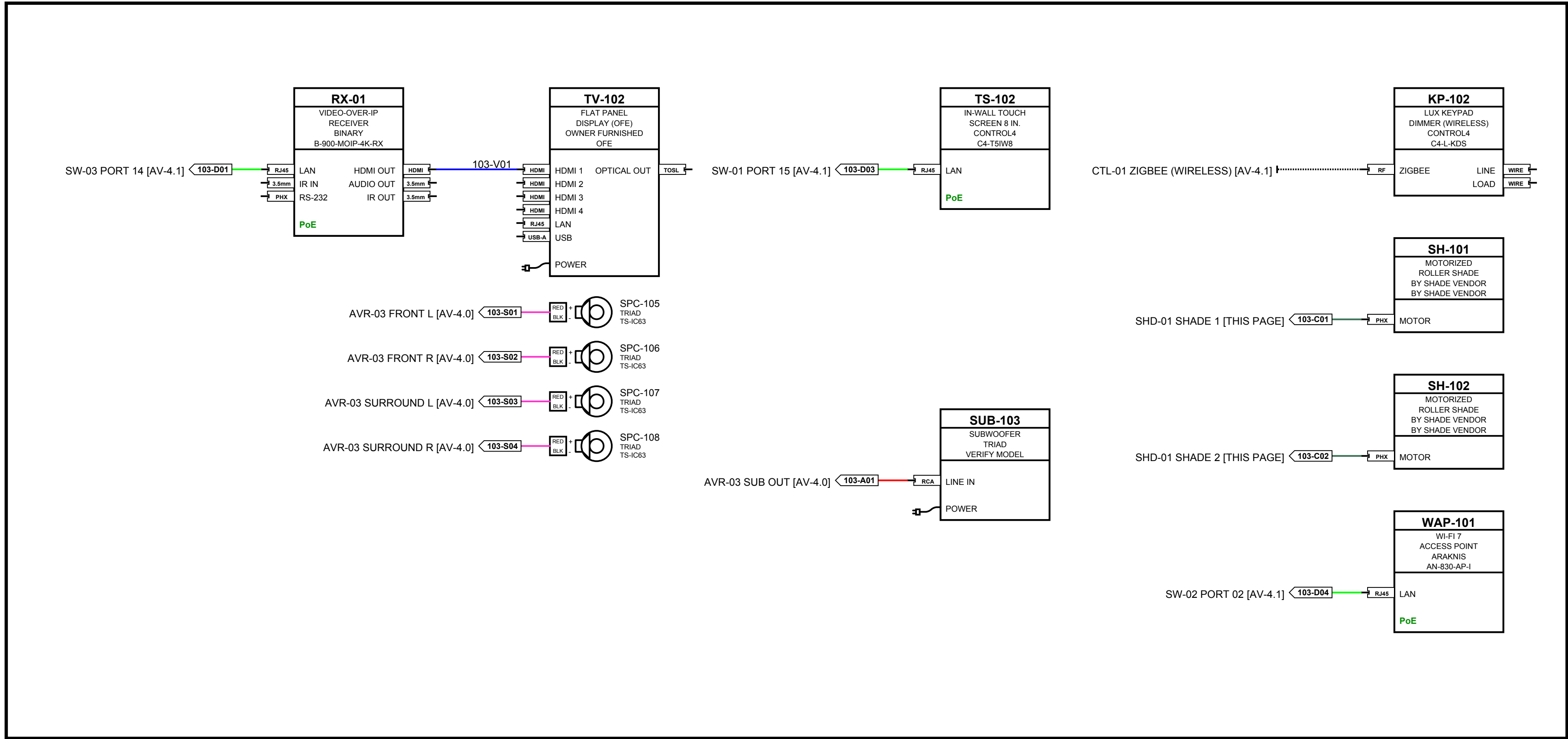
SIGNAL FLOW DIAGRAM
FIELD - SURROUND ROOMS (1 OF 2)

AV - 4.2

SHEET 10 OF 20



GREAT ROOM 201



GAME ROOM 103

- CABLE TYPE LEGEND**
- V - HDMI / HDMI AOC
 - D - CAT6A / PoE
 - F - OM3 FIBER
 - A - LINE AUDIO
 - S - SPEAKER 14/2
 - C - SHADE (BY VENDOR)
 - WIRELESS (NO CABLE)

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AUDIO - TRIAD	AV-4.1
CONTROL - CONTROL4	AV-4.1
NETWORK - ARAKNIS	AV-4.1
CAMERAS - LUMA	AV-4.1

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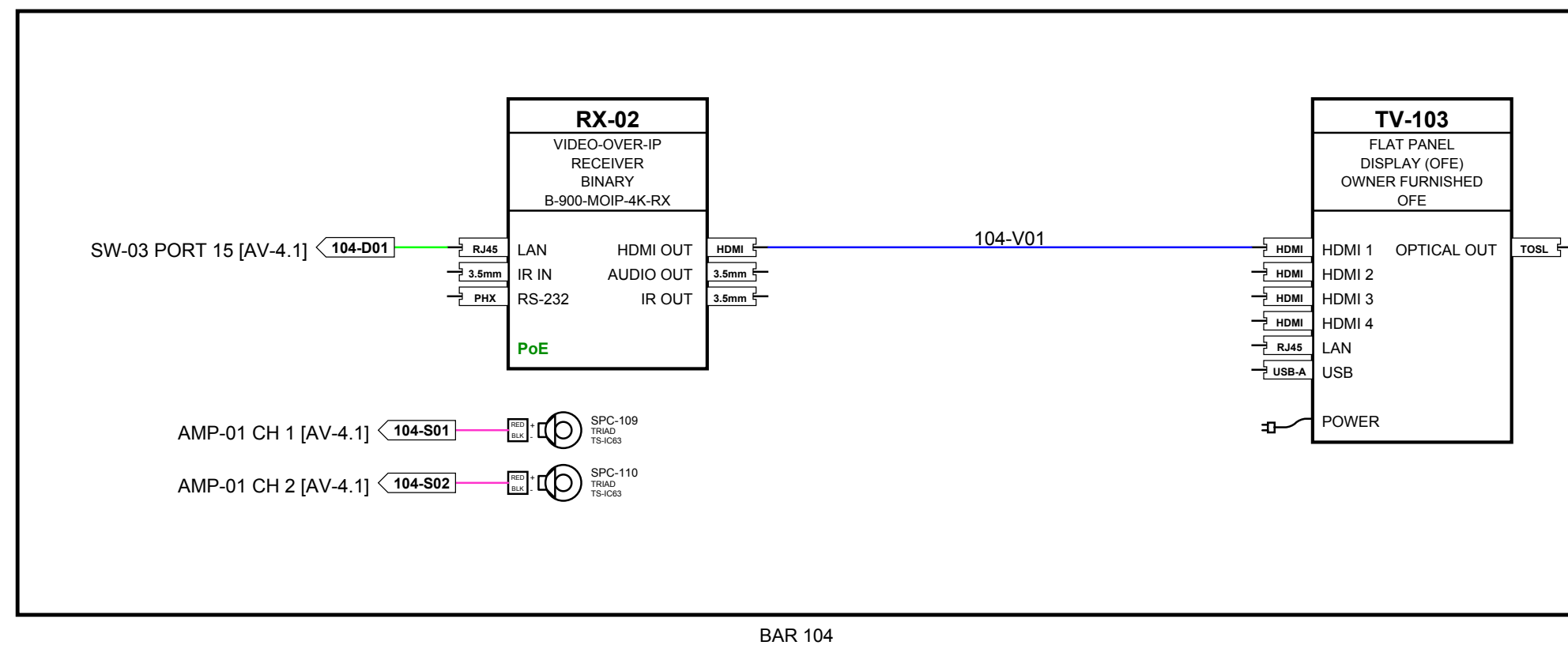
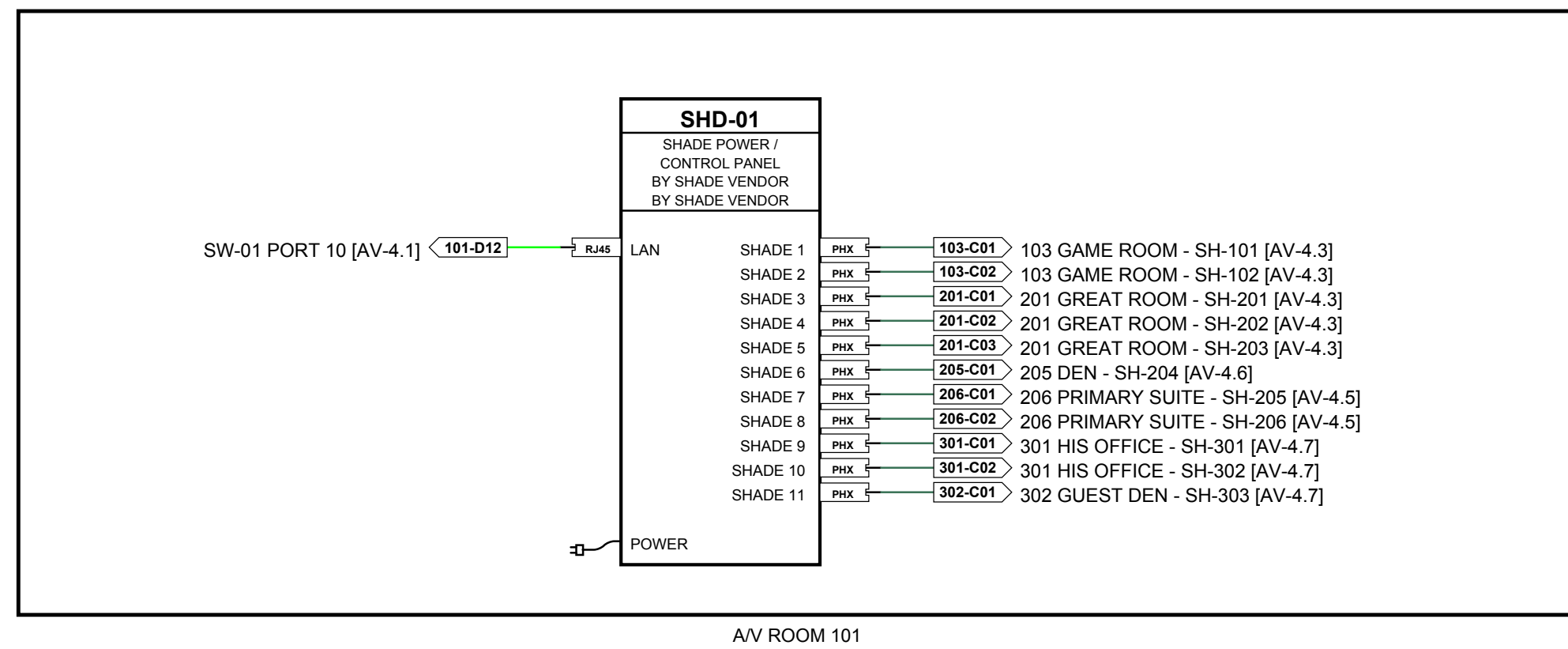
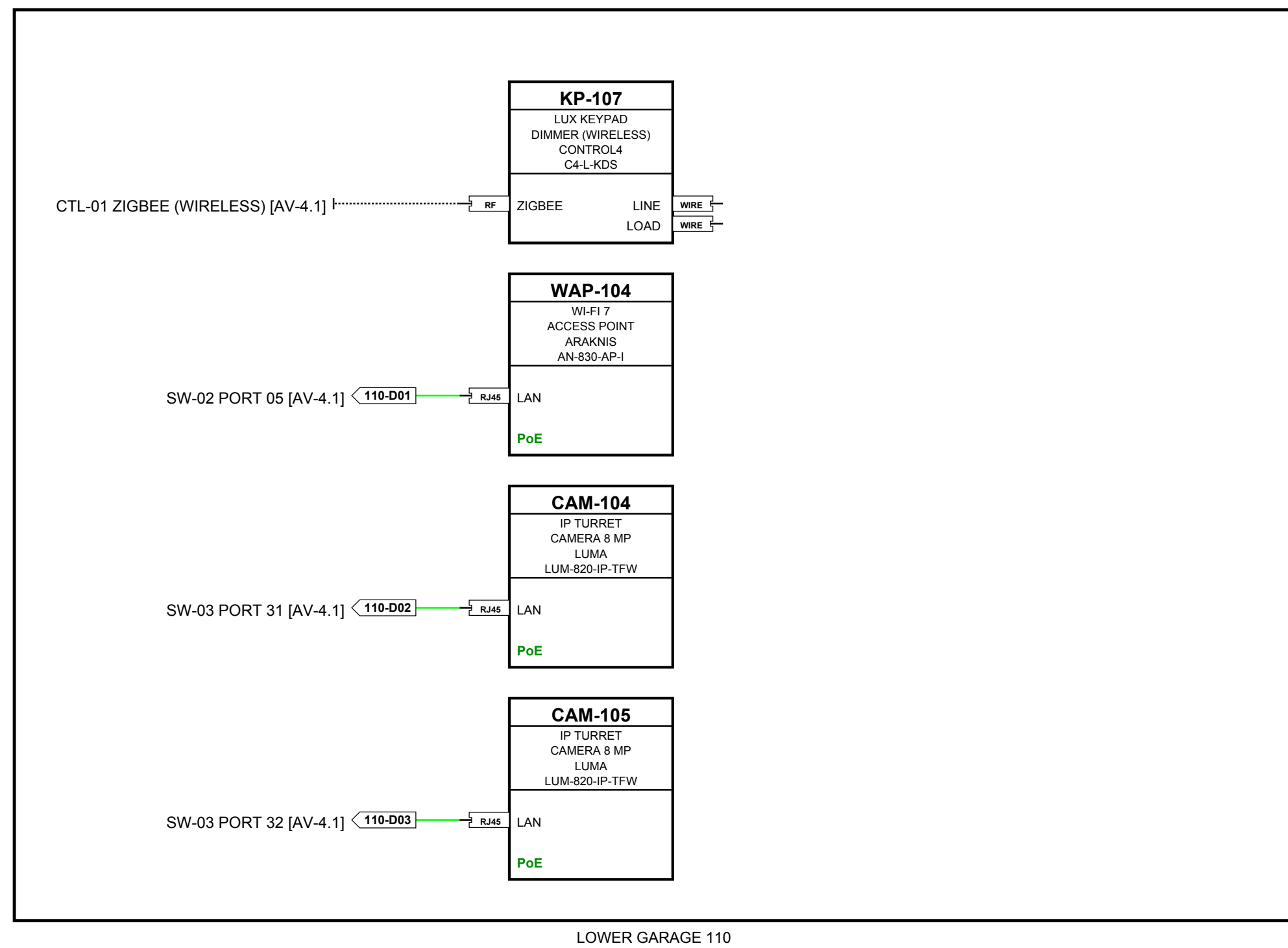
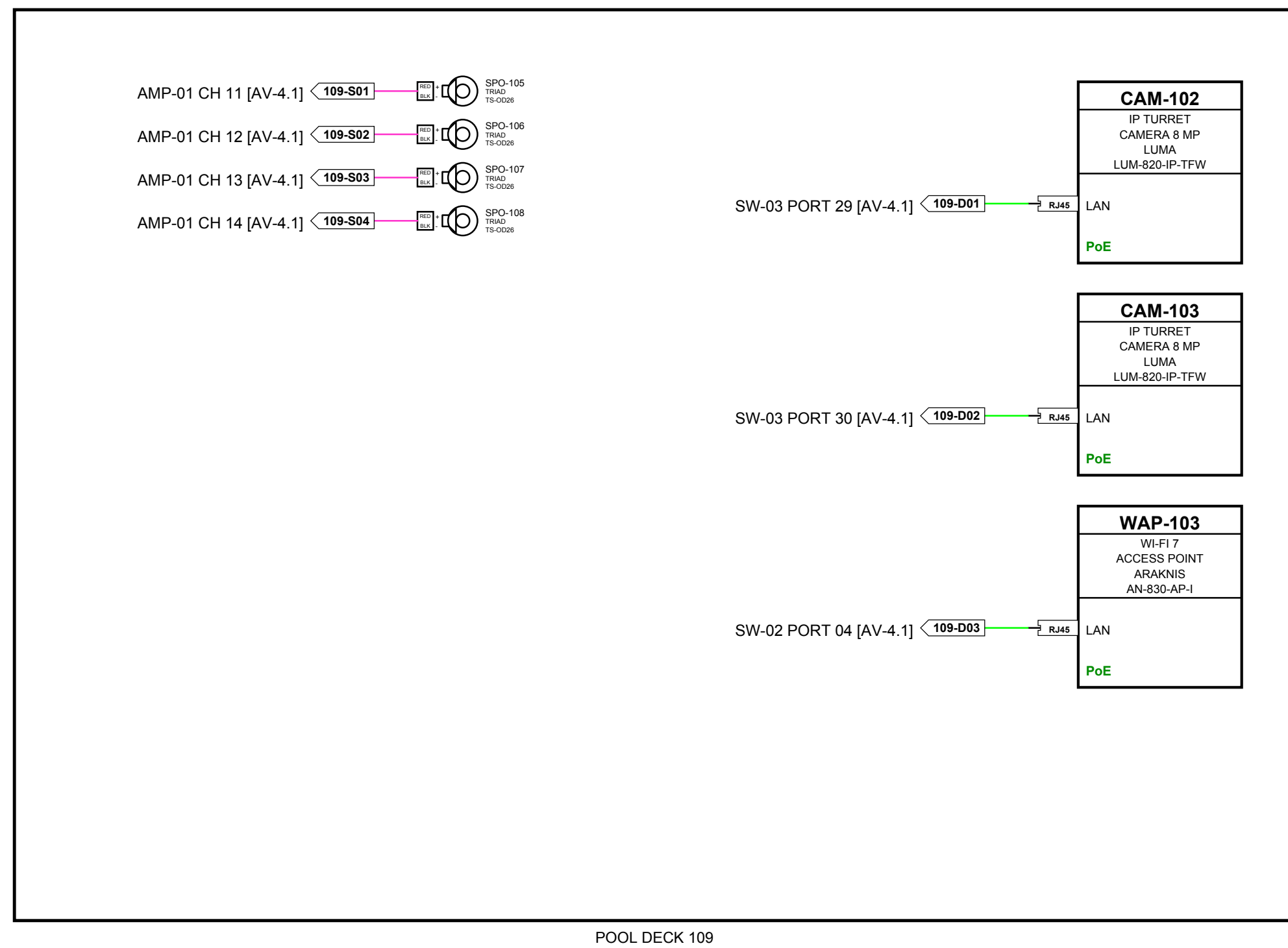
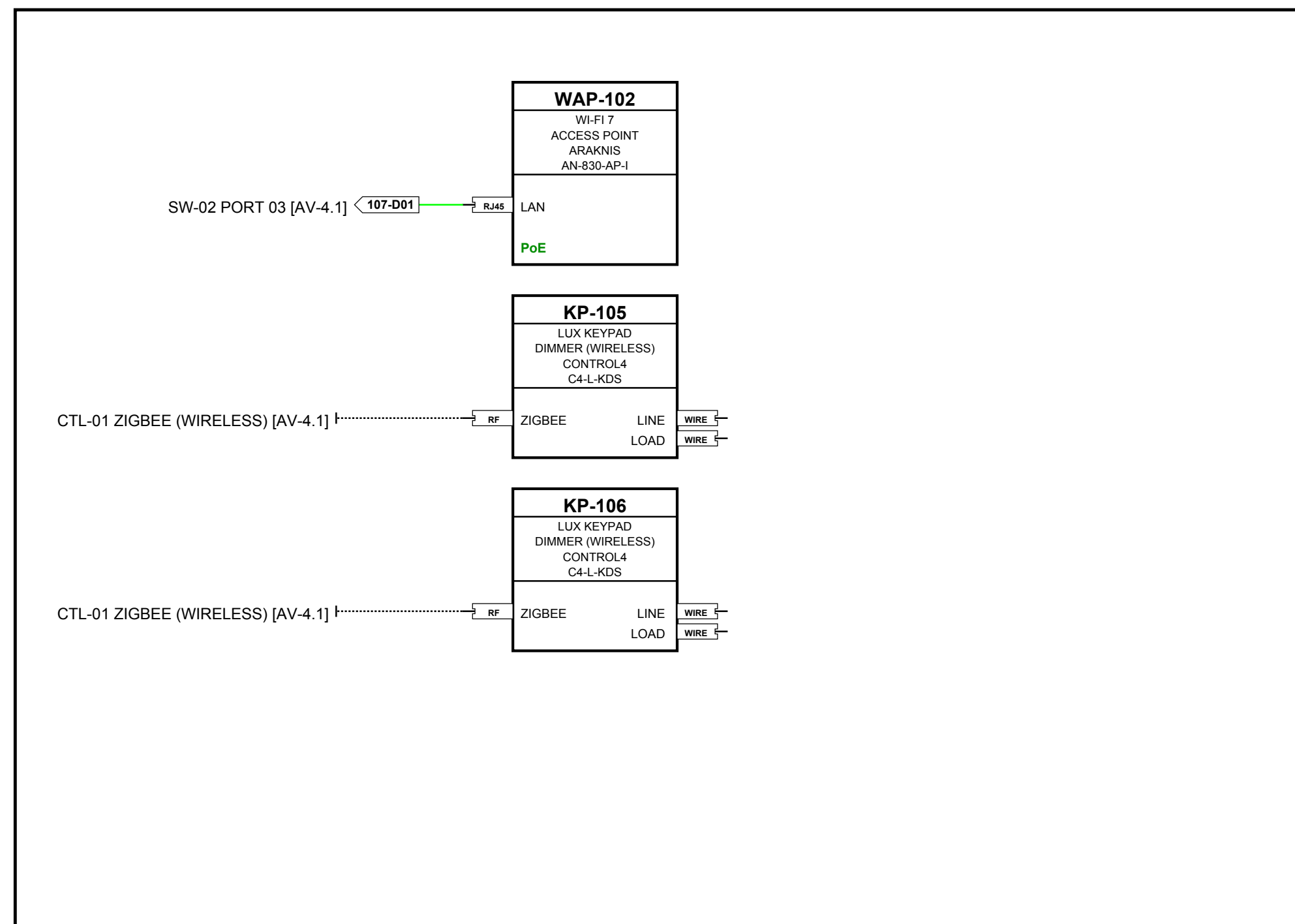
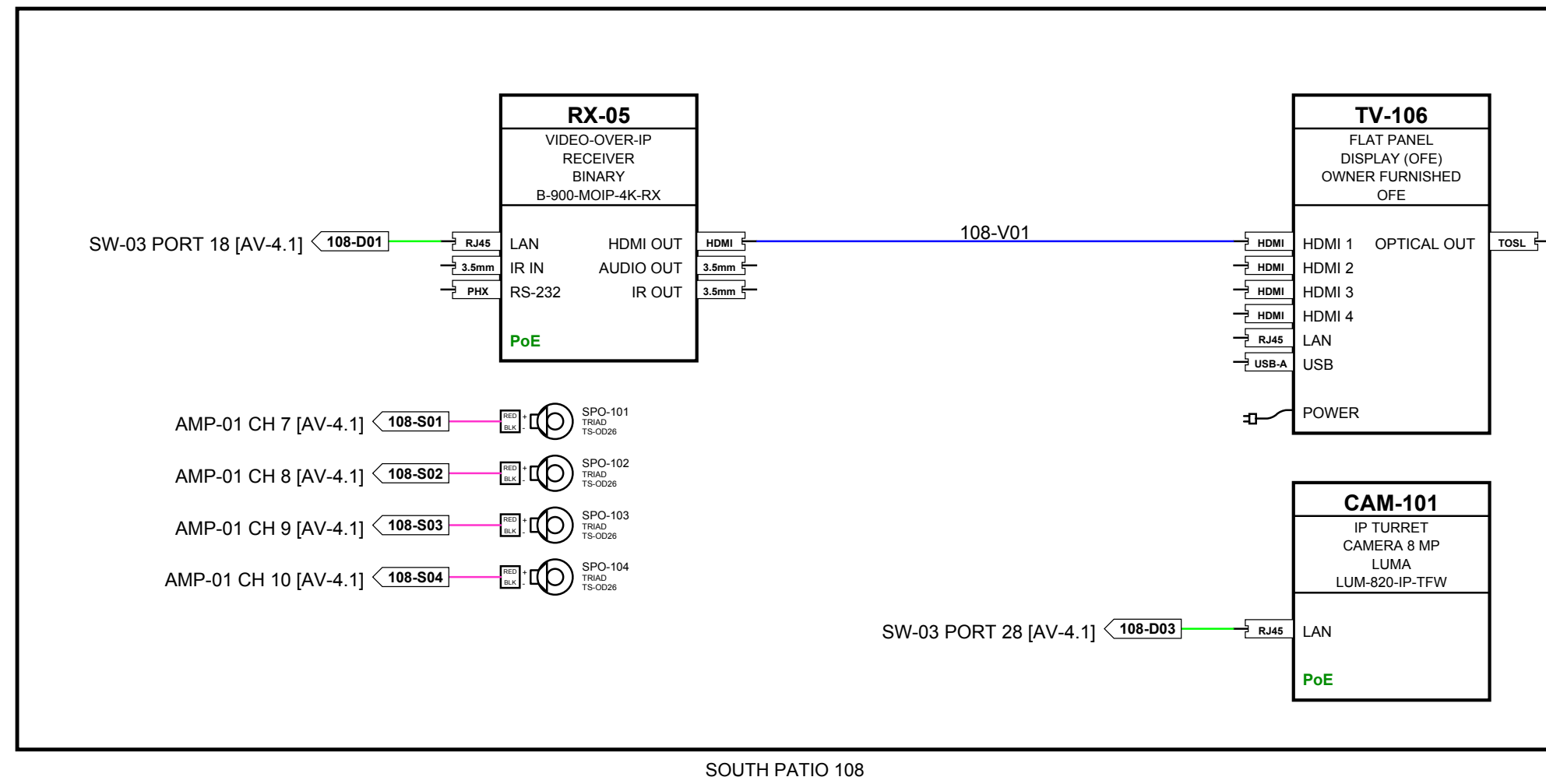
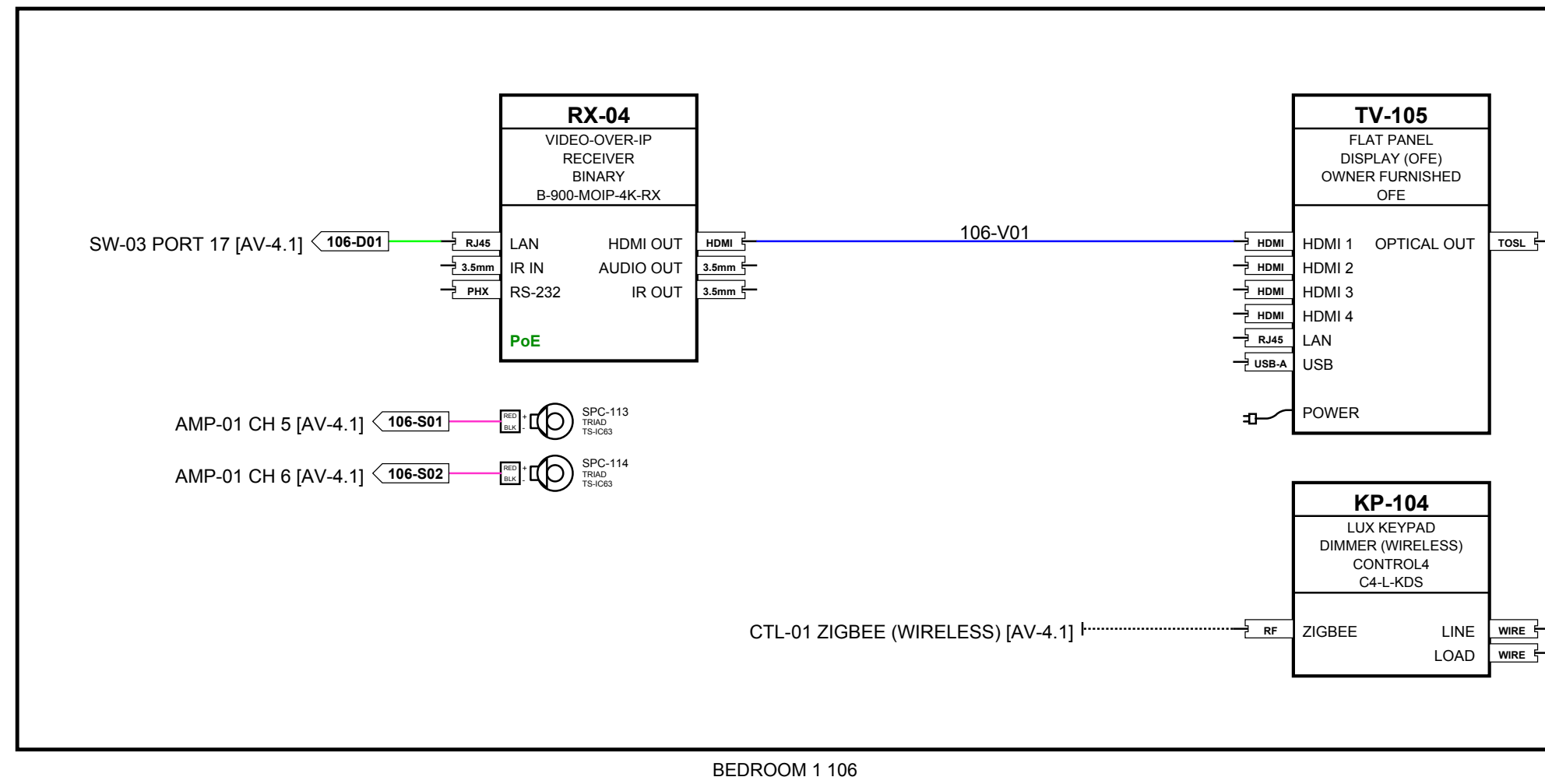
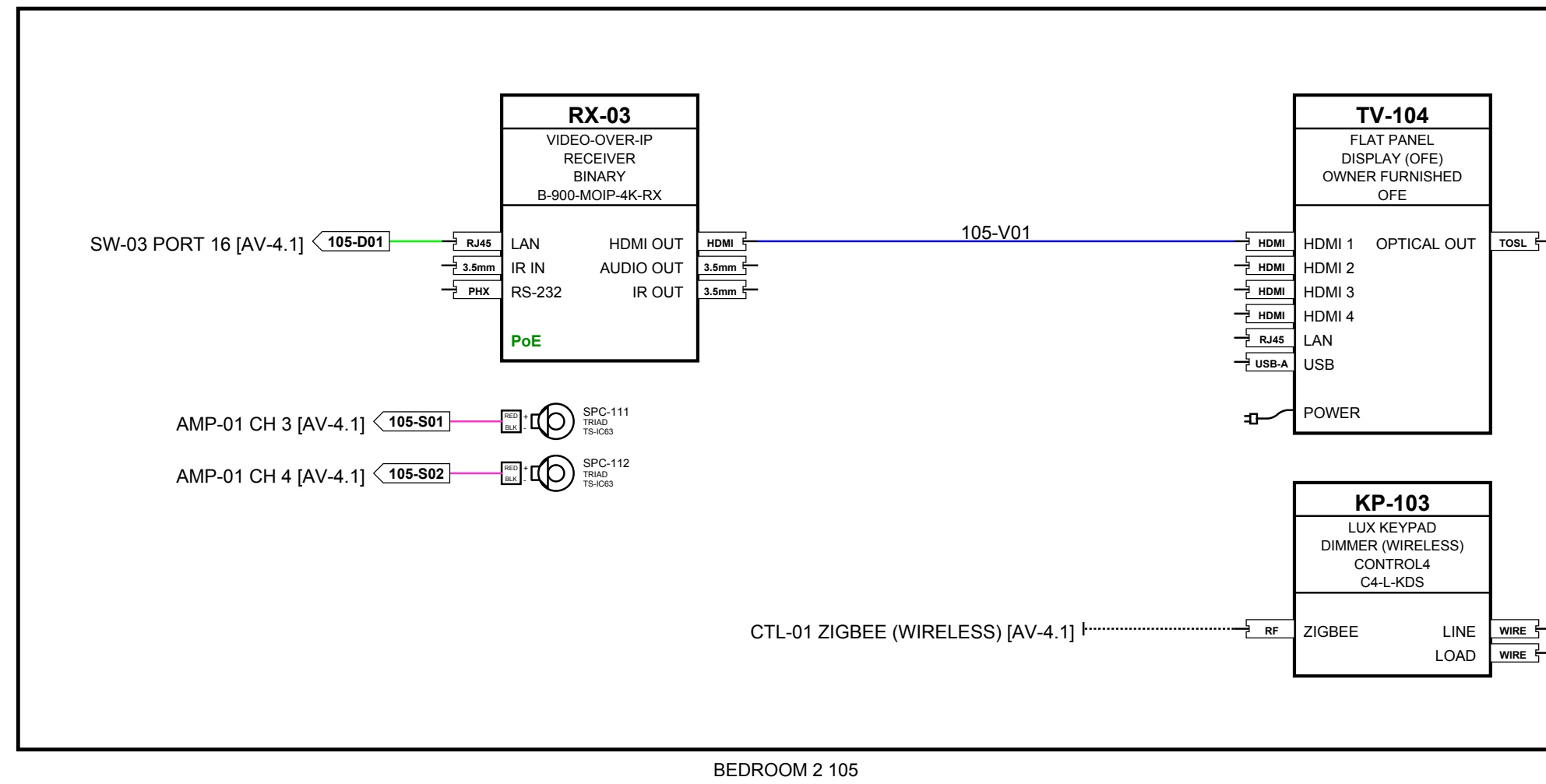
☒ REVIEW	☐ COORDINATION
☐ CONSTRUCTION	☐ AS-BUILT

SHEET TITLE

SIGNAL FLOW DIAGRAM
FIELD - SURROUND ROOMS (2 OF 2)

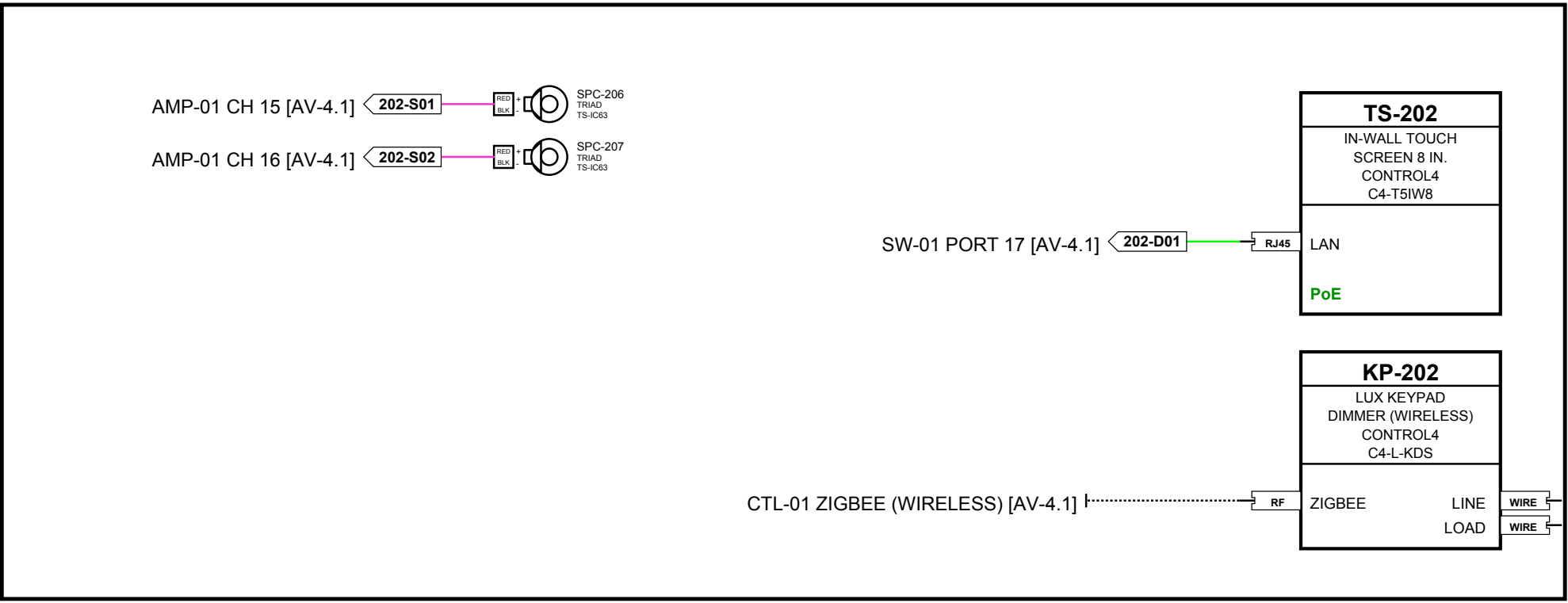
AV - 4.3

SHEET 11 OF 20

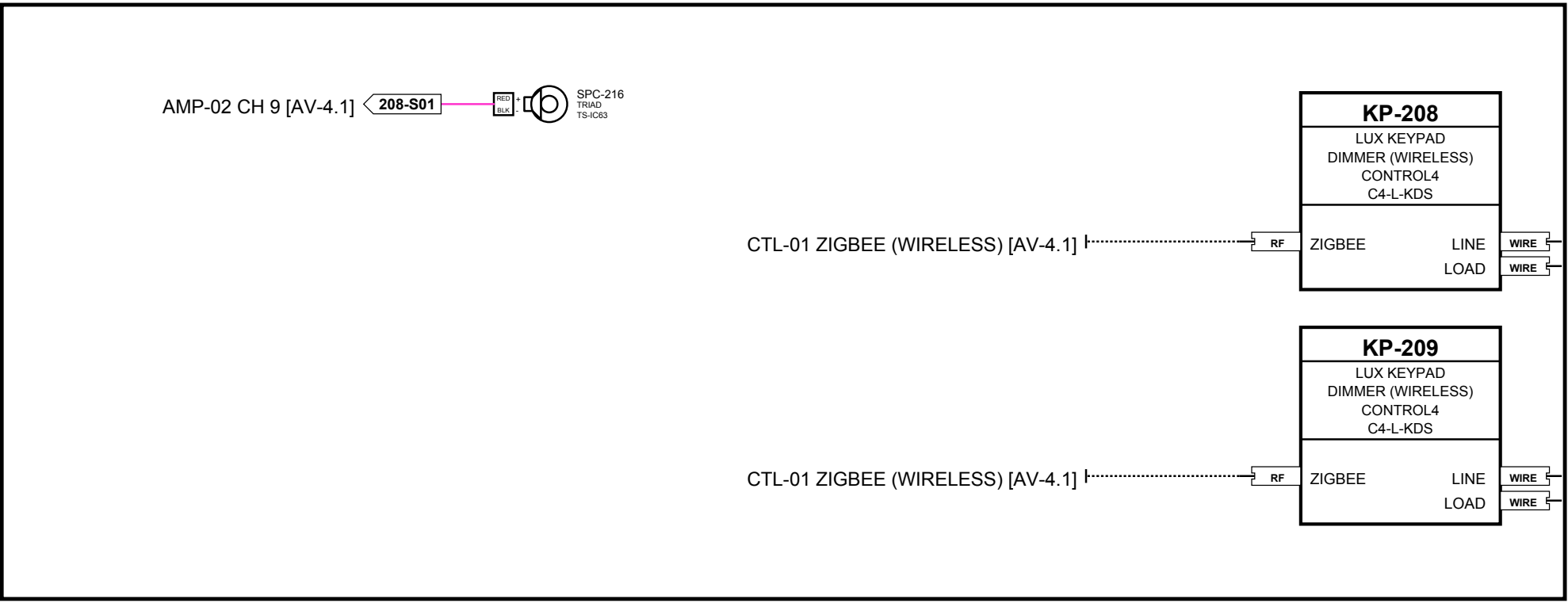


CABLE TYPE LEGEND

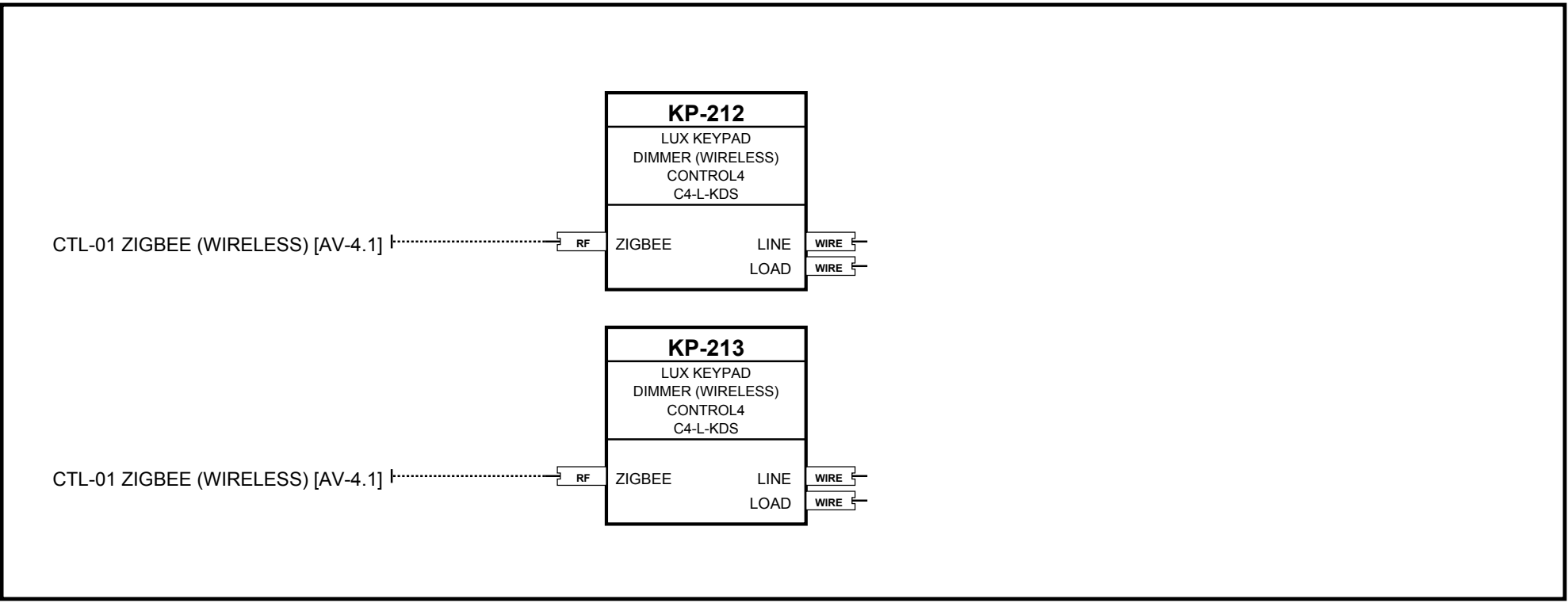
	V - HDMI / HDMI AOC
	D - CAT6A / PoE
	F - OM3 FIBER
	A - LINE AUDIO
	S - SPEAKER 14/2
	C - SHADE (BY VENDOR)
	WIRELESS (NO CABLE)



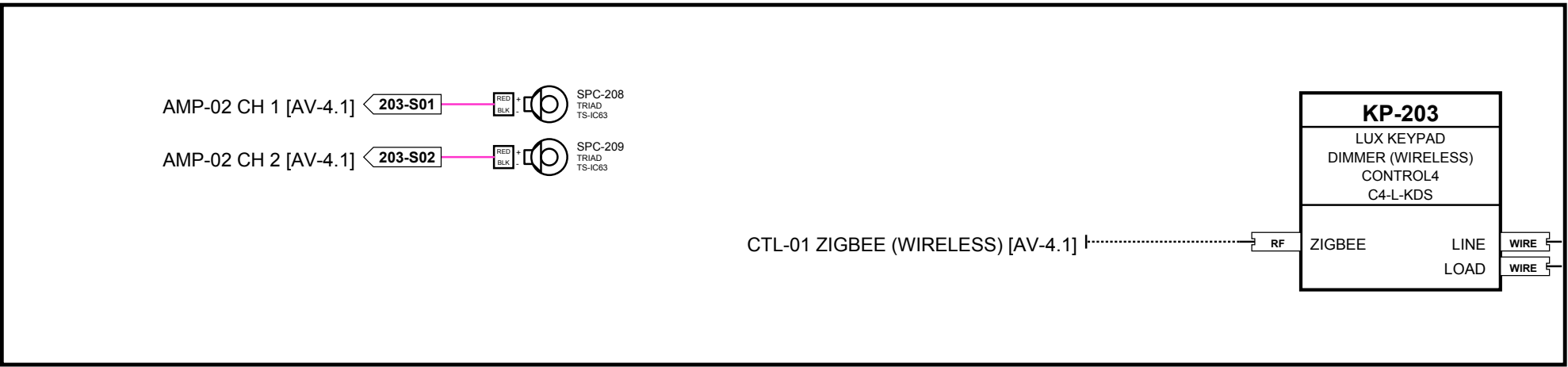
KITCHEN 202



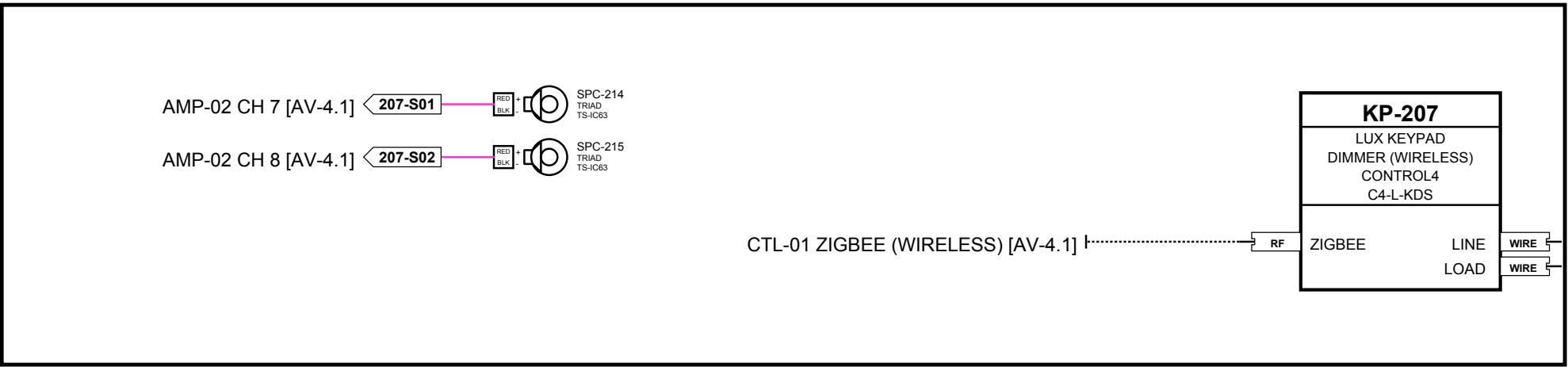
CLOSETS 208



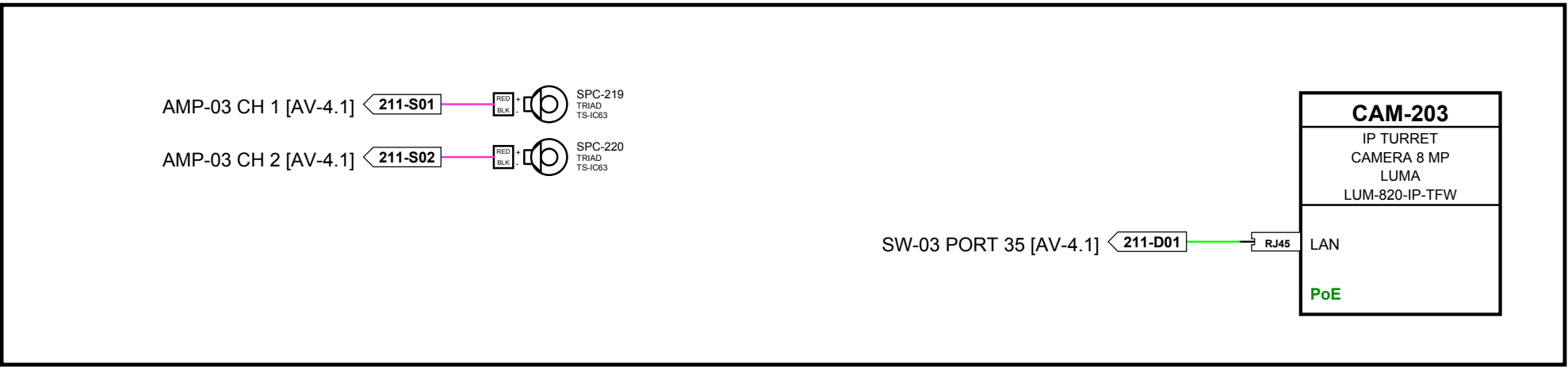
SERVICE 214



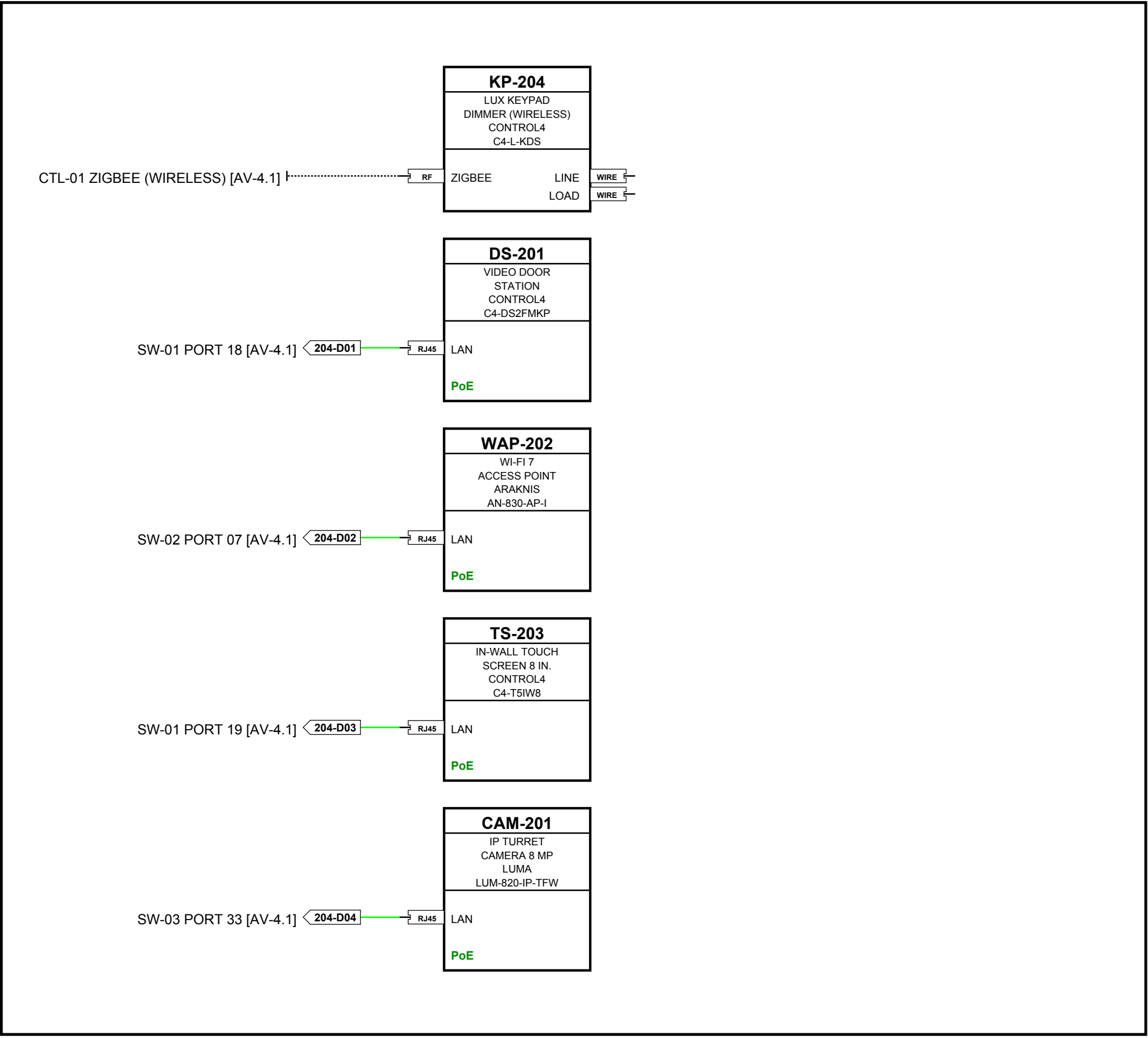
FORMAL DINING 203



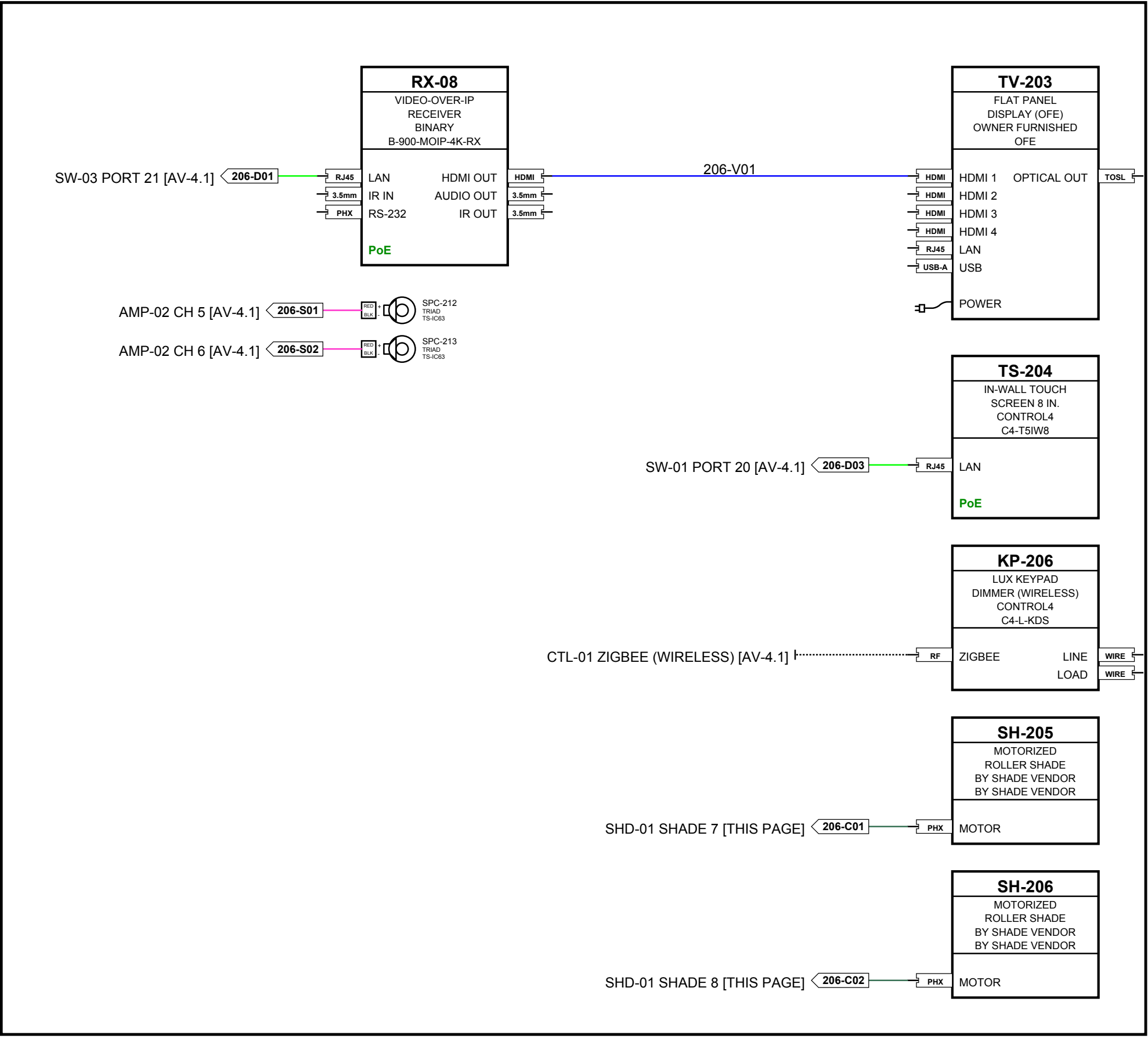
PRIMARY BATH 207



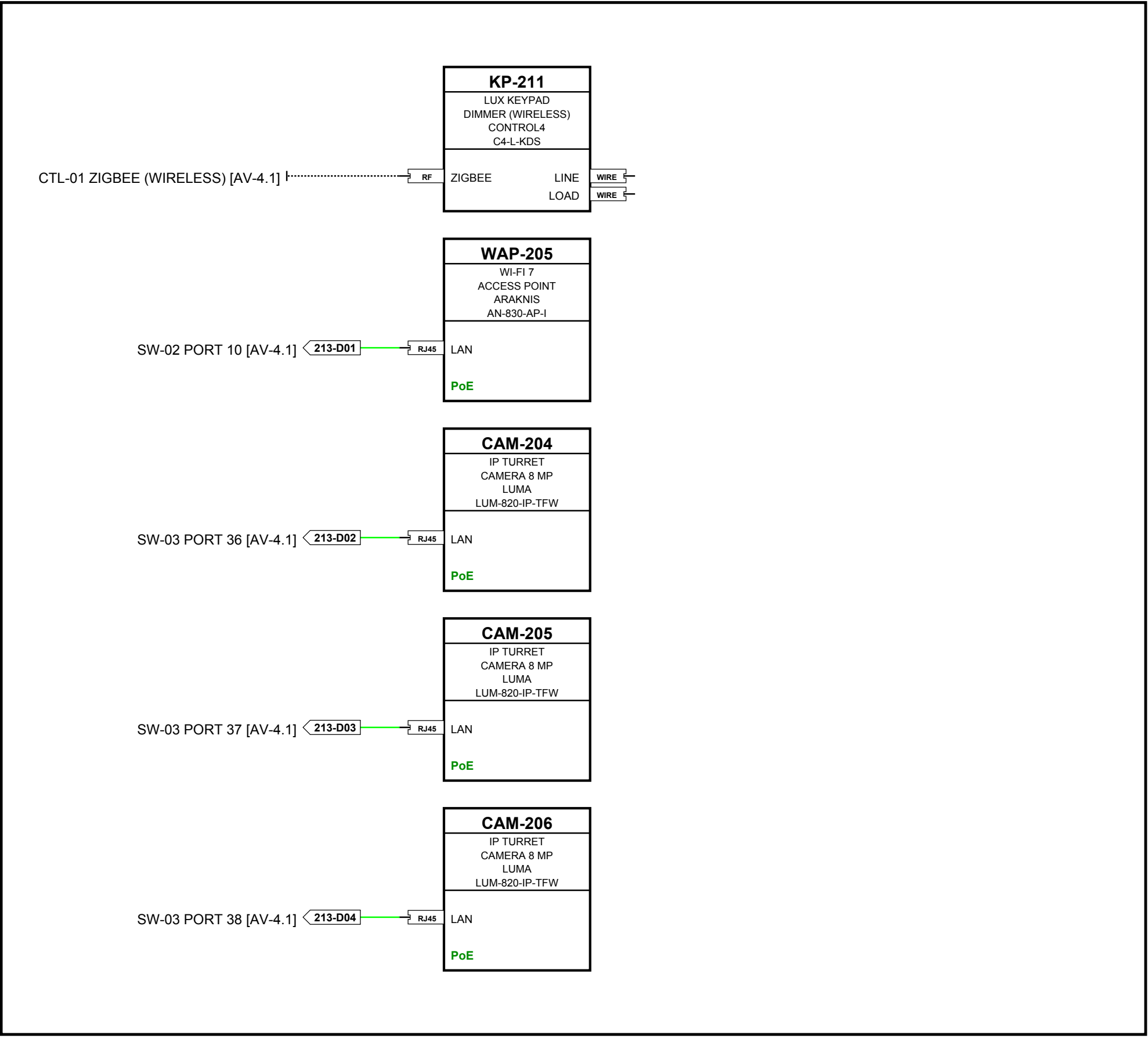
OUTDOOR DINING 211



ENTRY 204



PRIMARY SUITE 206



MAIN GARAGE 213

CABLE TYPE LEGEND

- V - HDMI / HDMI AOC
- D - CAT6A / PoE
- F - OM3 FIBER
- A - LINE AUDIO
- S - SPEAKER 14/2
- C - SHADE (BY VENDOR)
- WIRELESS (NO CABLE)

CLIENT
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CAMERAS - LUMA	AV-4.1	

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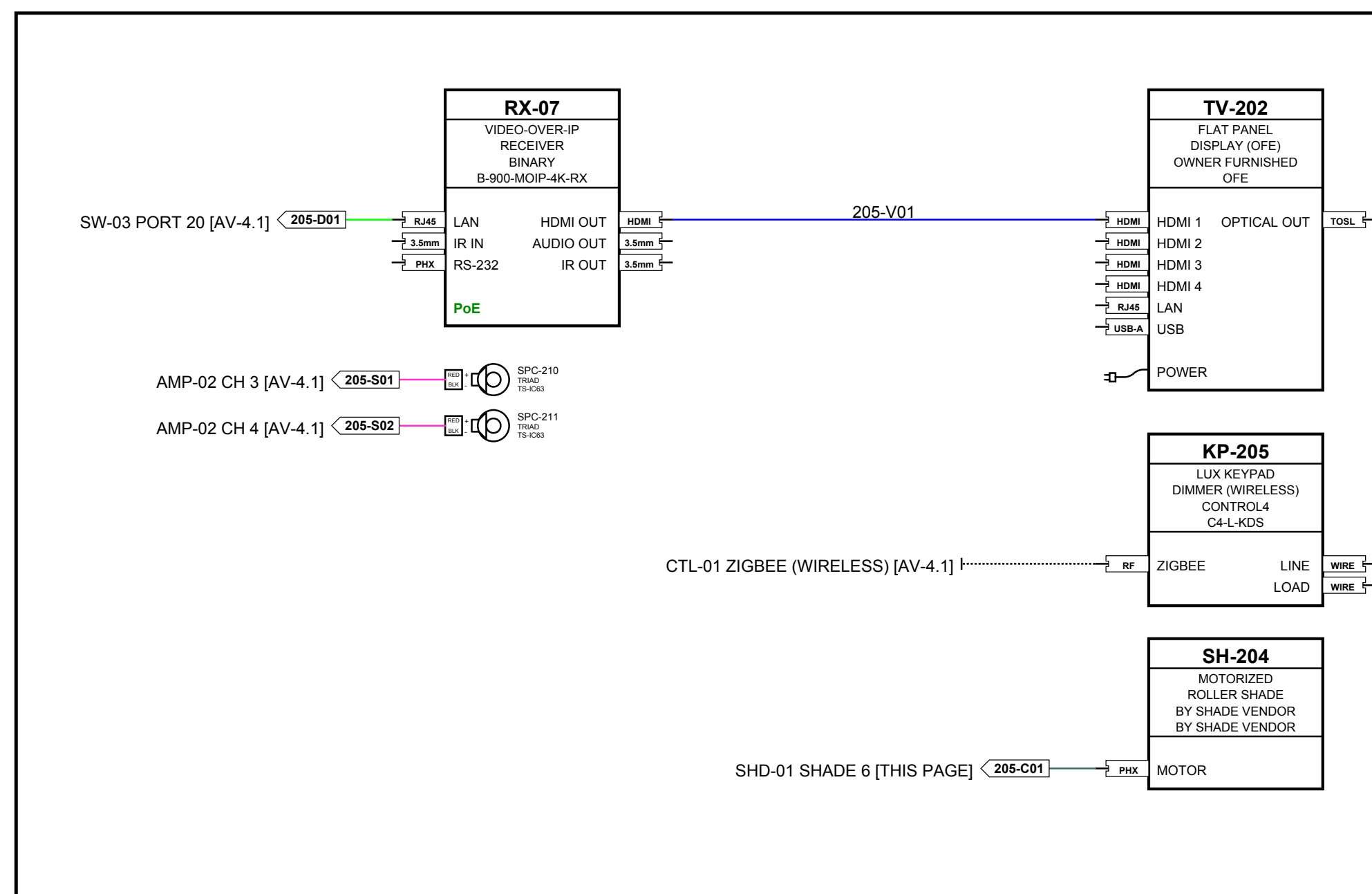
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☐ CONSTRUCTION	☐ AS-BUILT

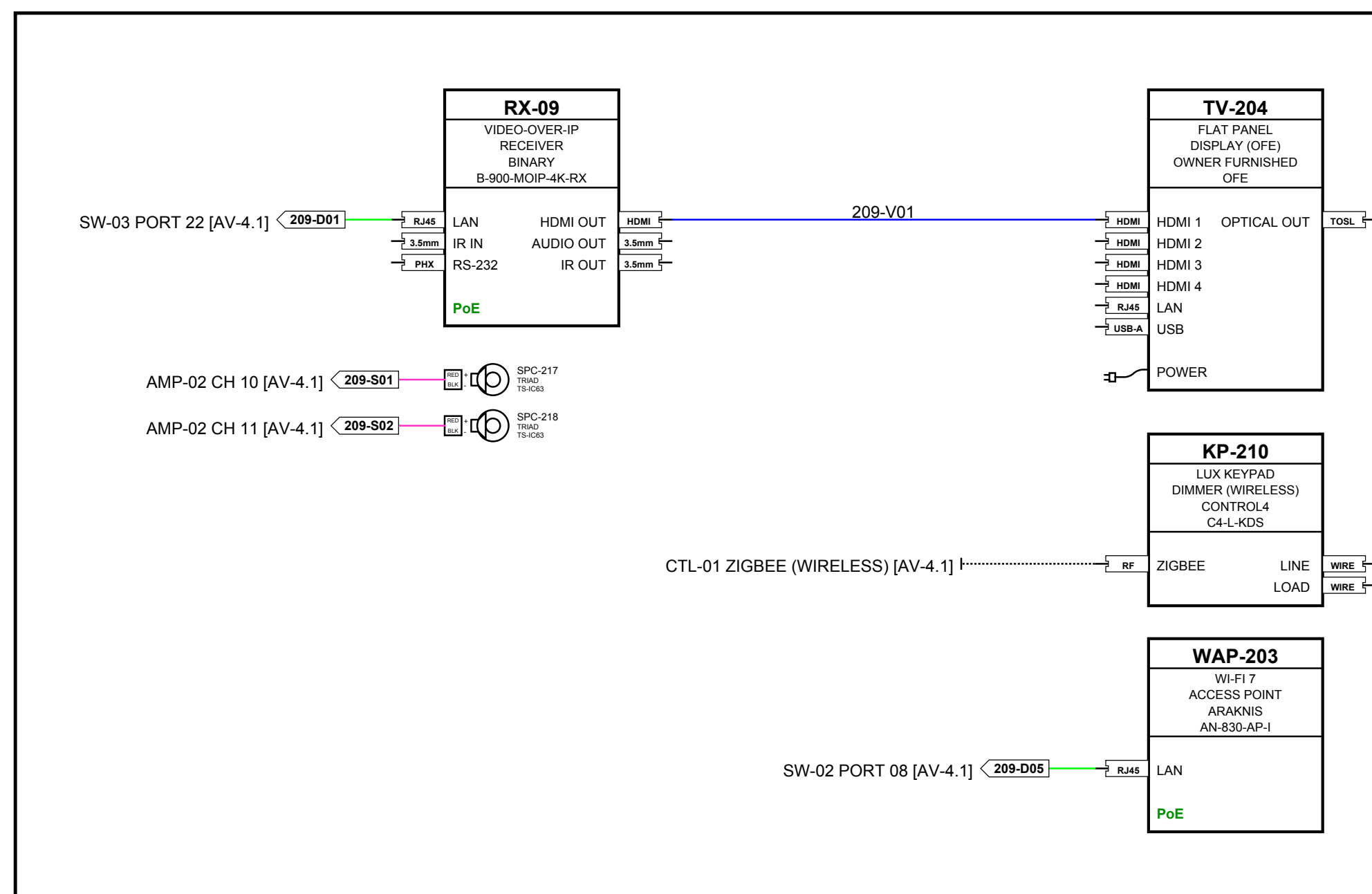
SHEET TITLE

SIGNAL FLOW DIAGRAM
FIELD DEVICES - MAIN LEVEL (1 OF 2)

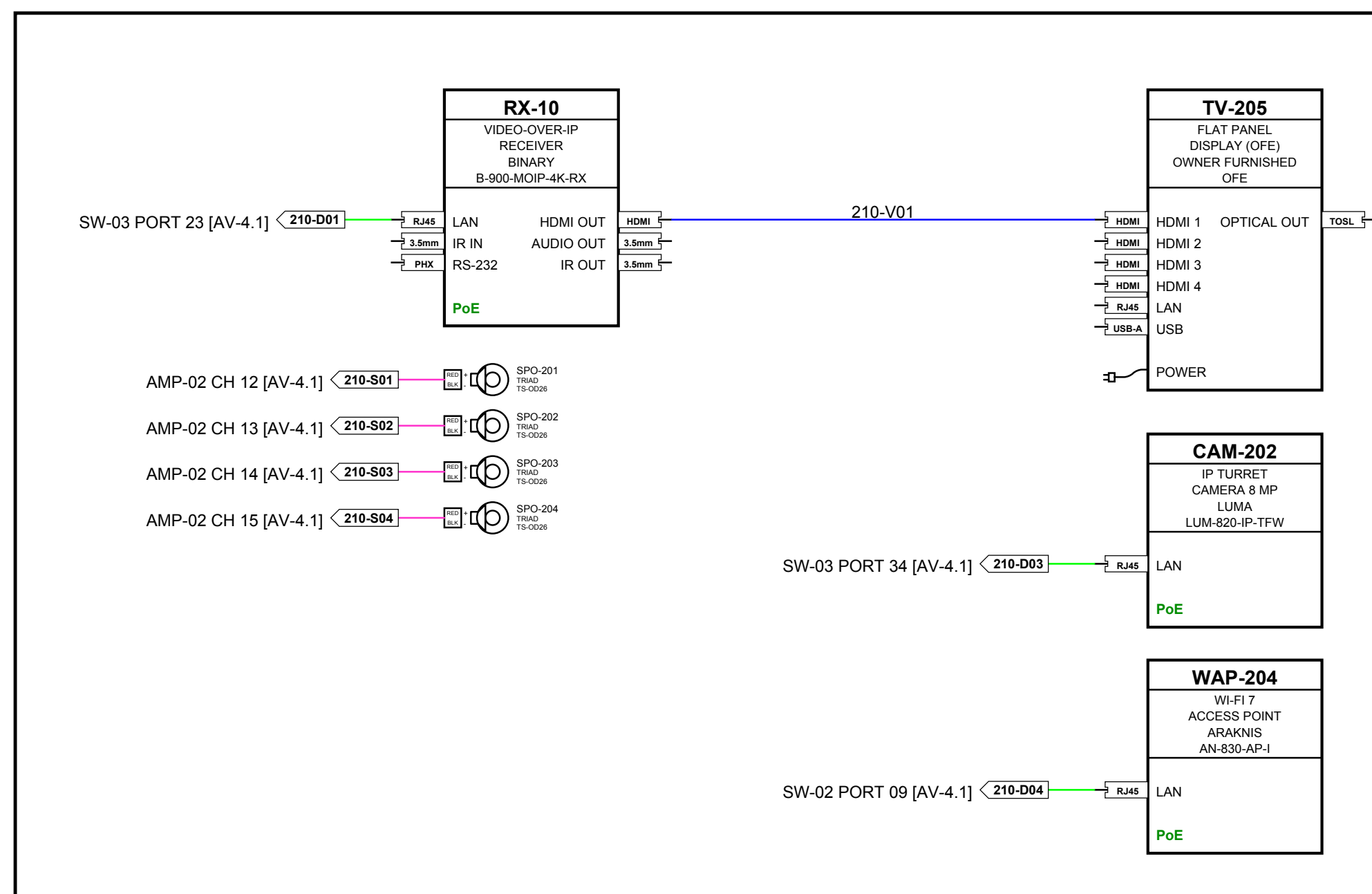
AV - 4.5



DEN 205



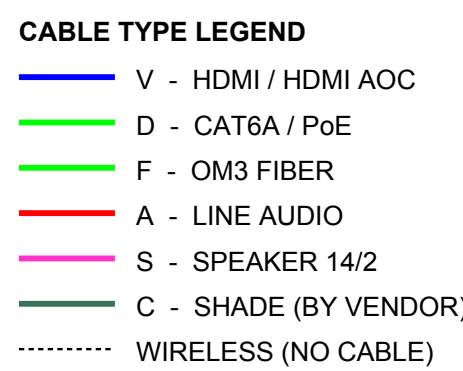
HER OFFICE 209



OUTDOOR LIVING 210



SOUTH TERRACE 212



SYSTEM SUMMARY	
VIDEO - BINARY MOIP	AV-4.0
SURROUND - SONY RECEIVERS	AV-4.0, 4.2
AUDIO - TRIAD	AV-4.1
CONTROL - CONTROL4	AV-4.1
NETWORK - ARAKNIS	AV-4.1
CAMERAS - LUMA	AV-4.1

ISSUE INFO	
DATE ISSUED	2026/10/03

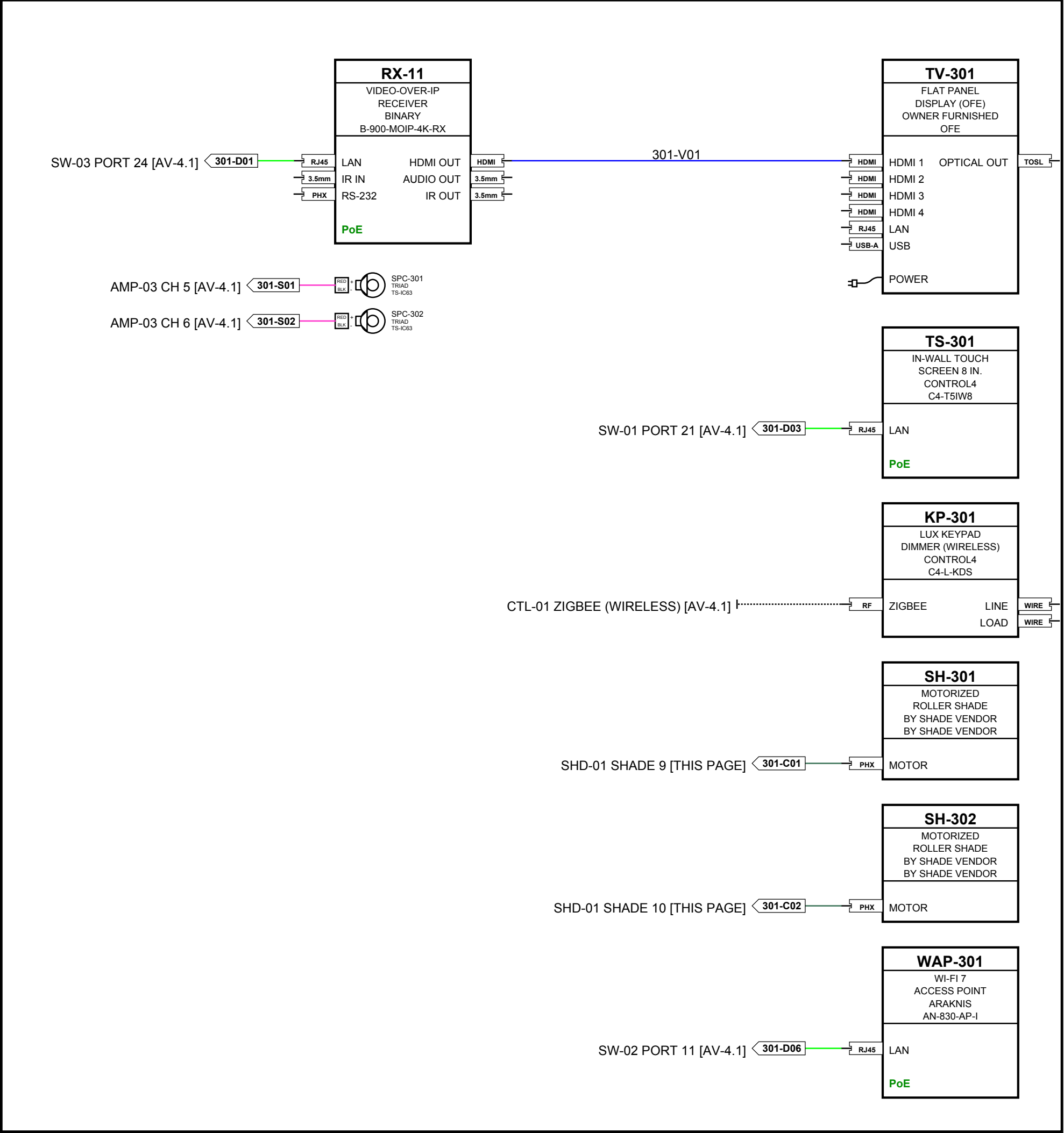
STATUS

PRELIMINARY
NOT FOR CONSTRUCTION

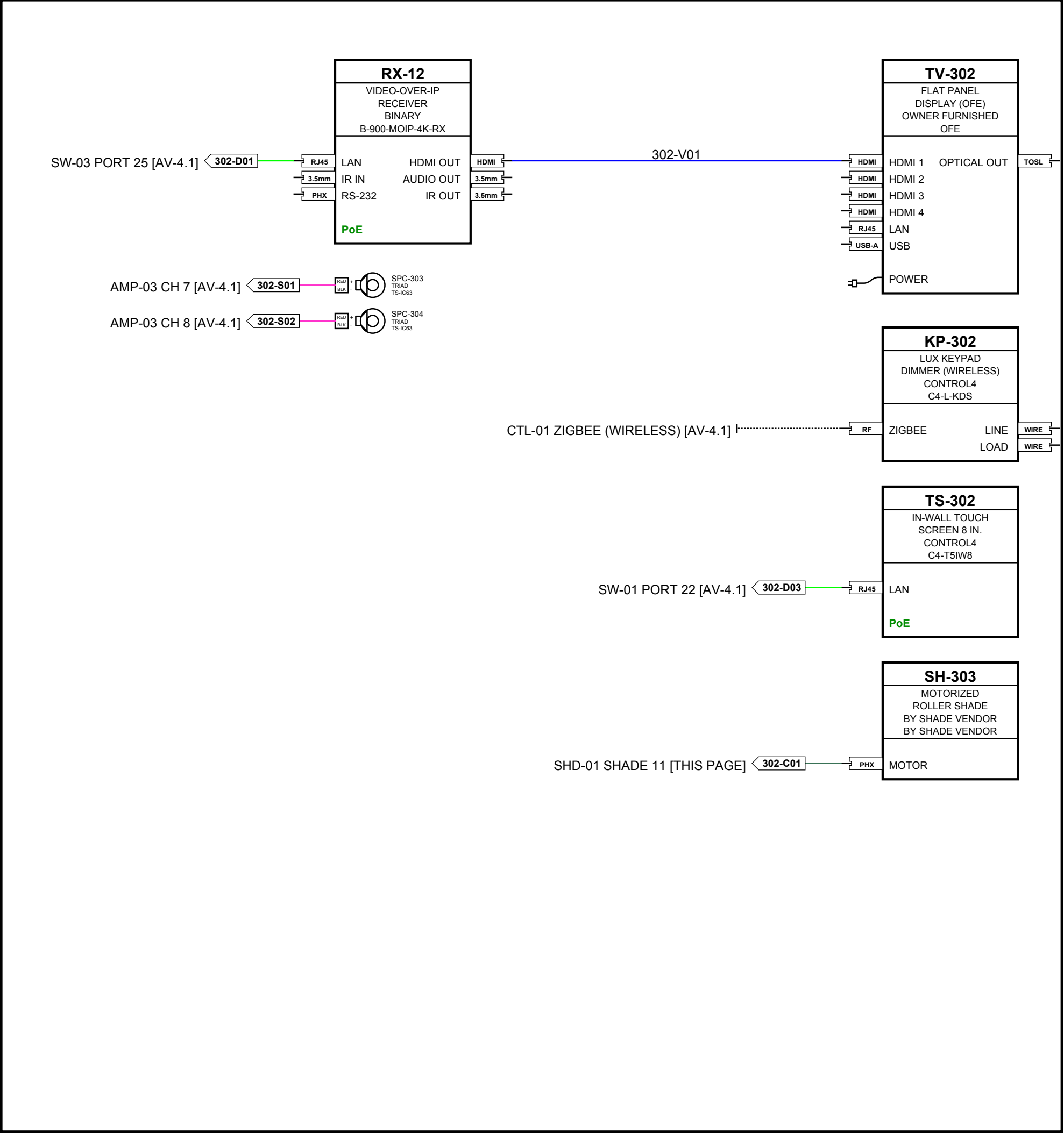
STATUS CHANGES WITH "ISSUED FOR" BELOW	
ISSUED FOR	
☒ REVIEW	☐ COORDINATION
☐ CONSTRUCTION	☐ AS-BUILT

SHEET TITLE

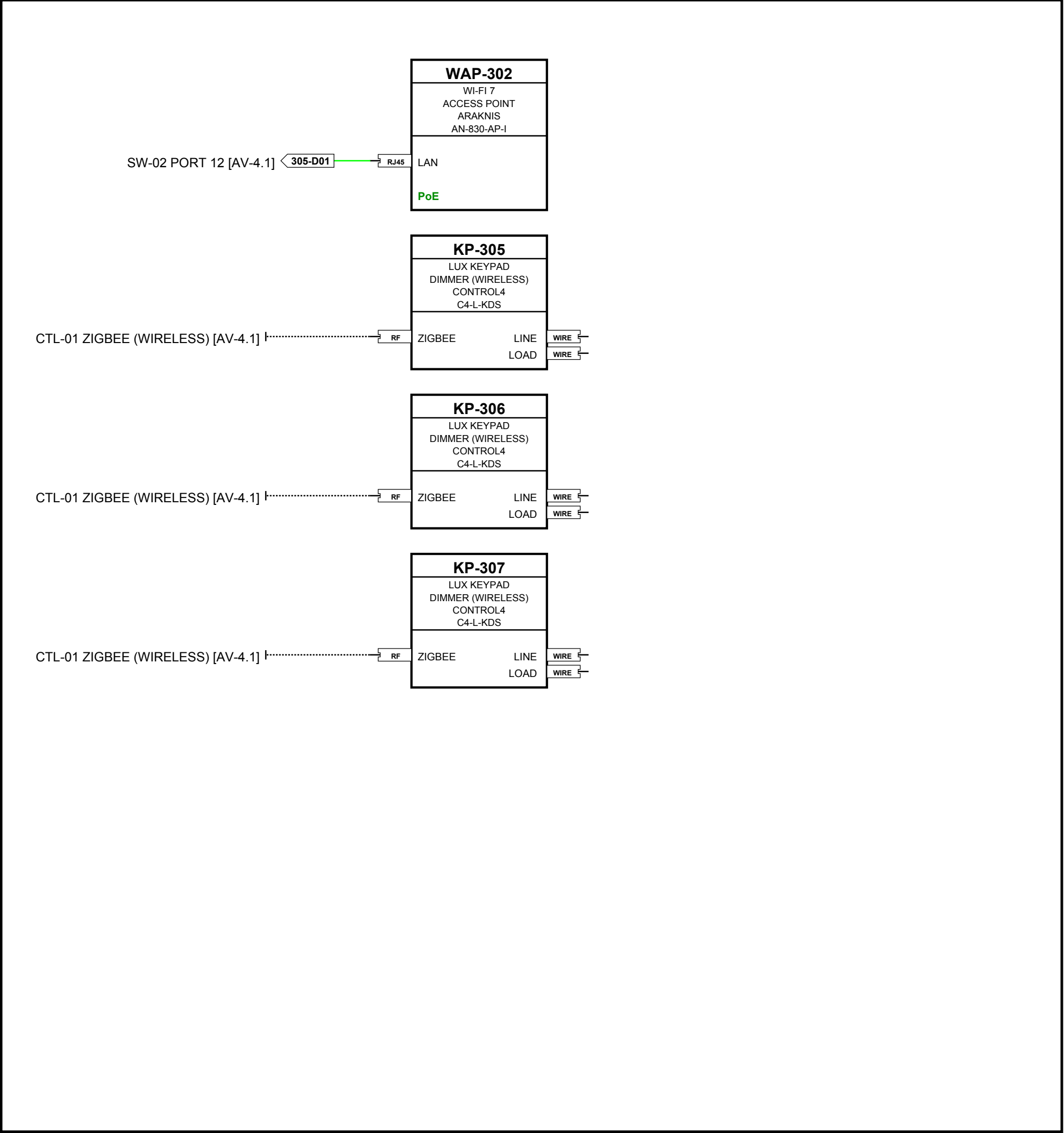
SIGNAL FLOW DIAGRAM
FIELD DEVICES - MAIN LEVEL (2 OF 2)



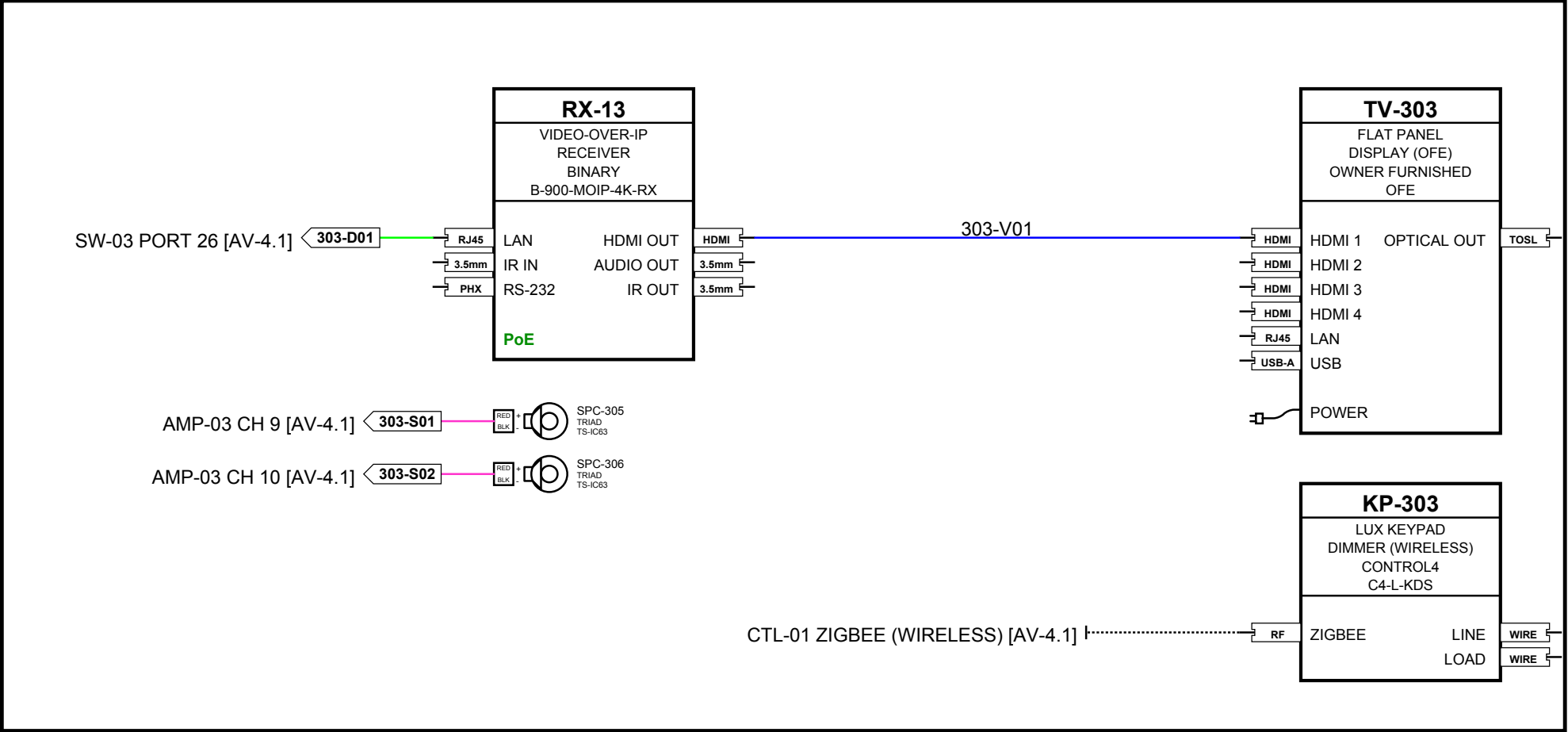
HIS OFFICE 301



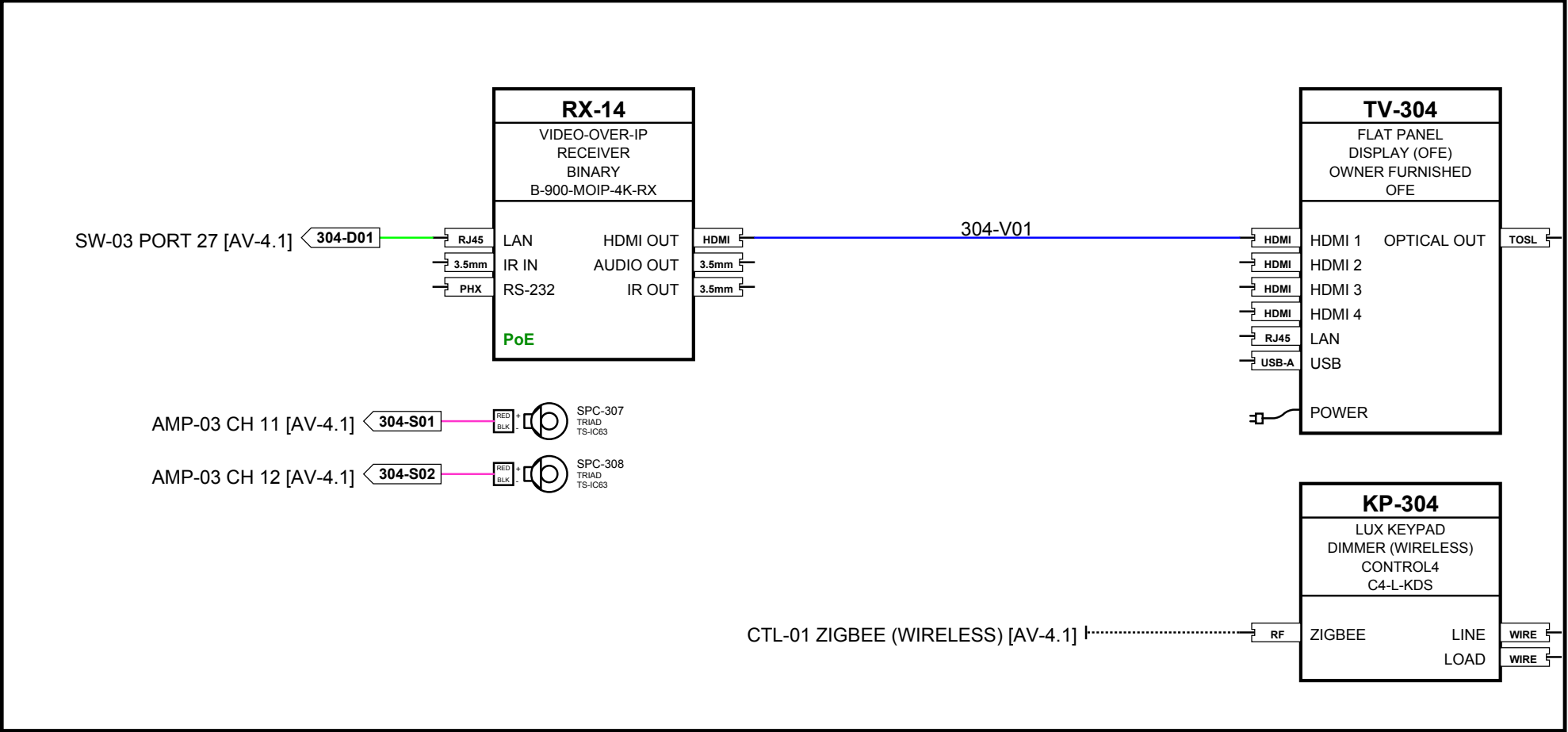
GUEST DEN 302



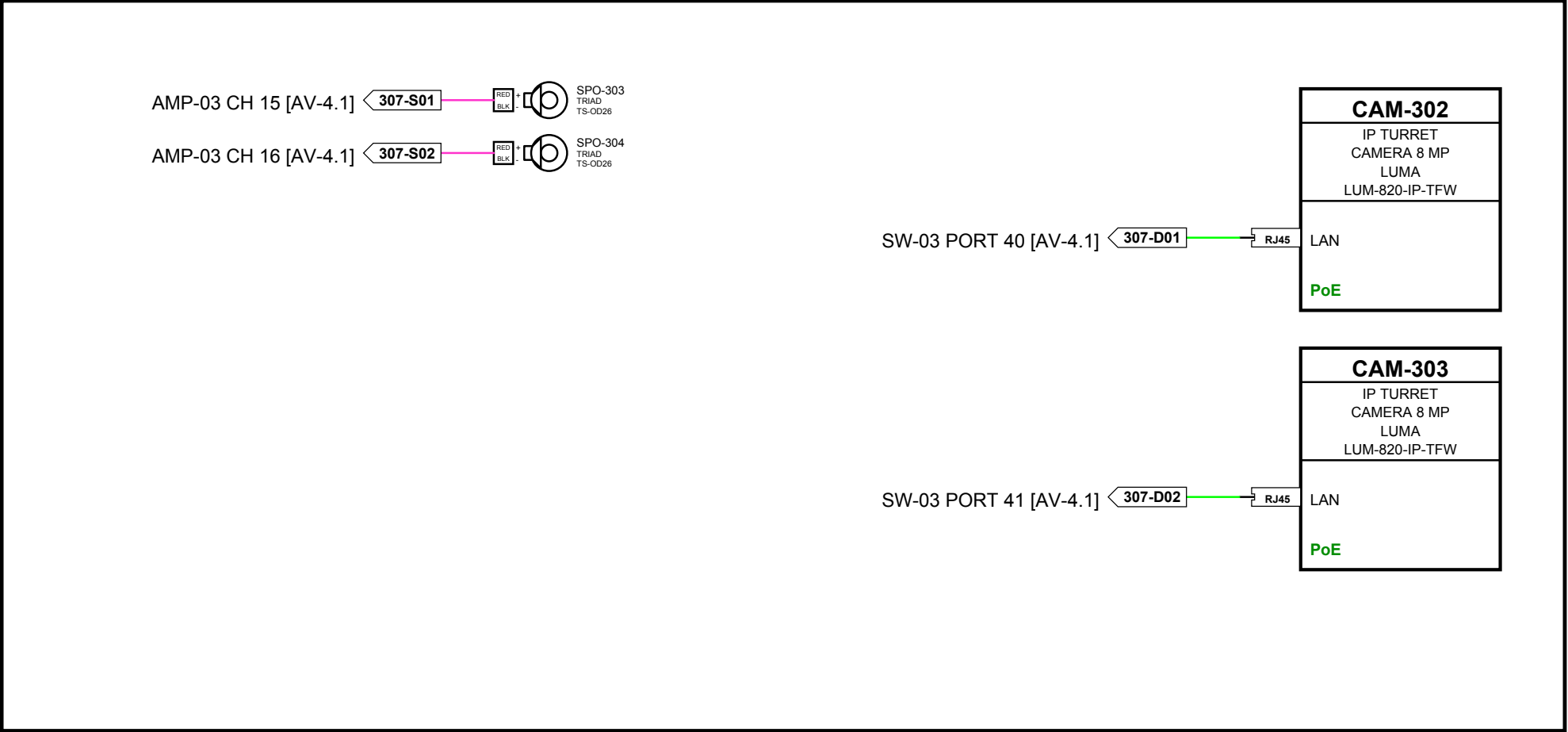
UPPER HALL 305



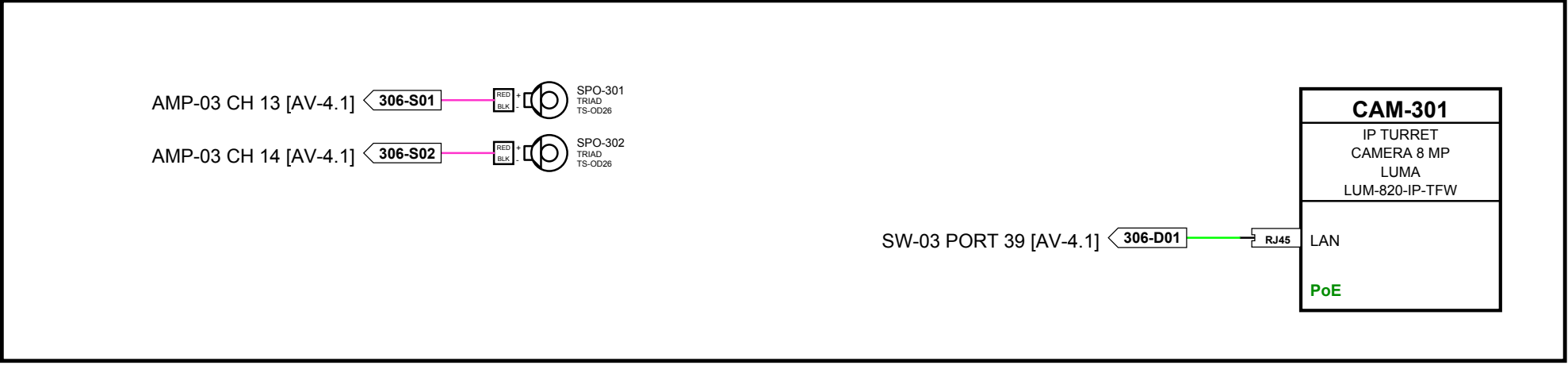
GUEST BED 2 303



GUEST BED 1 304



PUTTING GREEN 307



COVERED PATIO 306

- CABLE TYPE LEGEND**
- V - HDMI / HDMI AOC
 - D - CAT6A / PoE
 - F - OM3 FIBER
 - A - LINE AUDIO
 - S - SPEAKER 14/2
 - C - SHADE (BY VENDOR)
 - WIRELESS (NO CABLE)

CLIENT
SAMPLE RESIDENCE SAMPLE PROJECT
ADDRESS
ANYTOWN, USA
PROJECT
CONTROL4 SMART HOME
PREPARED BY
 AV SYSTEM DRAFTING (505) 527-2959 INTEGRATORDRAFTWORKS.COM JAMESAVDRAFTING@GMAIL.COM © 2026 INTEGRATOR DRAFTWORKS ORIGINAL WORK - DO NOT COPY OR REUSE WITHOUT WRITTEN PERMISSION
DESCRIPTION
AUDIO VISUAL SYSTEMS

SYSTEM SUMMARY	
VIDEO - BINARY MOIP	AV-4.0
SURROUND - SONY RECEIVERS	AV-4.0, 4.2
AUDIO - TRIAD	AV-4.1
CONTROL - CONTROL4	AV-4.1
NETWORK - ARAKNIS	AV-4.1
CAMERAS - LUMA	AV-4.1

ISSUE INFO	
DATE ISSUED	2026/10/03

STATUS
PRELIMINARY NOT FOR CONSTRUCTION
STATUS CHANGES WITH "ISSUED FOR" BELOW
ISSUED FOR
☒ REVIEW ☐ COORDINATION
☐ CONSTRUCTION ☐ AS-BUILT
SHEET TITLE

SIGNAL FLOW DIAGRAM
FIELD DEVICES - UPPER LEVEL

AV - 4.7

DESTINATION: RK-101 A/V ROOM									27 CABLES
		FROM			TO				
CABLE	TYPE	IDENTIFIER	SOURCE	LOCATION	IDENTIFIER	DESTINATION	LOCATION	NOTES	
101-V01	HDMI	SRC-01 HDMI OUT	APPLE APPLE TV 4K	RK-101 A/V ROOM	TX-01 HDMI IN	BINARY B-900-MOIP-4K-TX	RK-101 A/V ROOM	VERIFY MODEL [AV-4.0]	
101-V02	HDMI	SRC-02 HDMI OUT	APPLE APPLE TV 4K	RK-101 A/V ROOM	TX-02 HDMI IN	BINARY B-900-MOIP-4K-TX	RK-101 A/V ROOM	VERIFY MODEL [AV-4.0]	
101-V03	HDMI	SRC-03 HDMI OUT	APPLE APPLE TV 4K	RK-101 A/V ROOM	TX-03 HDMI IN	BINARY B-900-MOIP-4K-TX	RK-101 A/V ROOM	VERIFY MODEL [AV-4.0]	
101-V04	HDMI	SRC-04 HDMI OUT	APPLE APPLE TV 4K	RK-101 A/V ROOM	TX-04 HDMI IN	BINARY B-900-MOIP-4K-TX	RK-101 A/V ROOM	VERIFY MODEL [AV-4.0]	
101-V05	HDMI	SRC-05 HDMI OUT	BY PROVIDER OFE	RK-101 A/V ROOM	TX-05 HDMI IN	BINARY B-900-MOIP-4K-TX	RK-101 A/V ROOM	VERIFY MODEL [AV-4.0]	
101-V06	HDMI	SRC-06 HDMI OUT	BY PROVIDER OFE	RK-101 A/V ROOM	TX-06 HDMI IN	BINARY B-900-MOIP-4K-TX	RK-101 A/V ROOM	VERIFY MODEL [AV-4.0]	
101-V07	HDMI	AVR-02 HDMI OUT	SONY STR-AZ1000ES	RK-101 A/V ROOM	TX-07 HDMI IN	BINARY B-900-MOIP-4K-TX	RK-101 A/V ROOM	VERIFY MODEL [AV-4.0]	
101-V08	HDMI	AVR-03 HDMI OUT	SONY STR-AZ1000ES	RK-101 A/V ROOM	TX-08 HDMI IN	BINARY B-900-MOIP-4K-TX	RK-101 A/V ROOM	VERIFY MODEL [AV-4.0]	
101-V09	HDMI	RX-R1 HDMI OUT	BINARY B-900-MOIP-4K-RX	RK-101 A/V ROOM	AVR-01 HDMI IN 1	SONY STR-AZ5000ES	RK-101 A/V ROOM	VERIFY MODEL [AV-4.0]	
101-V10	HDMI	RX-R2 HDMI OUT	BINARY B-900-MOIP-4K-RX	RK-101 A/V ROOM	AVR-02 HDMI IN 1	SONY STR-AZ1000ES	RK-101 A/V ROOM	VERIFY MODEL [AV-4.0]	
101-V11	HDMI	RX-R3 HDMI OUT	BINARY B-900-MOIP-4K-RX	RK-101 A/V ROOM	AVR-03 HDMI IN 1	SONY STR-AZ1000ES	RK-101 A/V ROOM	VERIFY MODEL [AV-4.0]	
101-D08	CAT6A	SW-01 PORT 06	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	AVR-01	SONY STR-AZ5000ES	RK-101 A/V ROOM	BELDEN 10GXS12 [AV-4.0]	
101-D09	CAT6A	SW-01 PORT 07	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	AVR-02	SONY STR-AZ1000ES	RK-101 A/V ROOM	BELDEN 10GXS12 [AV-4.0]	
101-D10	CAT6A	SW-01 PORT 08	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	AVR-03	SONY STR-AZ1000ES	RK-101 A/V ROOM	BELDEN 10GXS12 [AV-4.0]	
101-D13	CAT6A	SW-01 PORT 11	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	PDU-1	FURMAN PL-PLUS DMC	RK-101 A/V ROOM	BELDEN 10GXS12 [AV-4.0]	
101-D16	CAT6A	SW-03 PORT 02	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	VCT-01	BINARY B-900-MOIP-4K-CTRL	RK-101 A/V ROOM	BELDEN 10GXS12 [AV-4.0]	
101-D17	CAT6A	SW-03 PORT 03	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	TX-01	BINARY B-900-MOIP-4K-TX	RK-101 A/V ROOM	BELDEN 10GXS12 [AV-4.0]	
101-D18	CAT6A	SW-03 PORT 04	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	TX-02	BINARY B-900-MOIP-4K-TX	RK-101 A/V ROOM	BELDEN 10GXS12 [AV-4.0]	
101-D19	CAT6A	SW-03 PORT 05	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	TX-03	BINARY B-900-MOIP-4K-TX	RK-101 A/V ROOM	BELDEN 10GXS12 [AV-4.0]	
101-D20	CAT6A	SW-03 PORT 06	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	TX-04	BINARY B-900-MOIP-4K-TX	RK-101 A/V ROOM	BELDEN 10GXS12 [AV-4.0]	
101-D21	CAT6A	SW-03 PORT 07	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	TX-05	BINARY B-900-MOIP-4K-TX	RK-101 A/V ROOM	BELDEN 10GXS12 [AV-4.0]	
101-D22	CAT6A	SW-03 PORT 08	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	TX-06	BINARY B-900-MOIP-4K-TX	RK-101 A/V ROOM	BELDEN 10GXS12 [AV-4.0]	
101-D23	CAT6A	SW-03 PORT 09	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	TX-07	BINARY B-900-MOIP-4K-TX	RK-101 A/V ROOM	BELDEN 10GXS12 [AV-4.0]	
101-D24	CAT6A	SW-03 PORT 10	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	TX-08	BINARY B-900-MOIP-4K-TX	RK-101 A/V ROOM	BELDEN 10GXS12 [AV-4.0]	
101-D25	CAT6A	SW-03 PORT 11	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	RX-R1	BINARY B-900-MOIP-4K-RX	RK-101 A/V ROOM	BELDEN 10GXS12 [AV-4.0]	
101-D26	CAT6A	SW-03 PORT 12	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	RX-R2	BINARY B-900-MOIP-4K-RX	RK-101 A/V ROOM	BELDEN 10GXS12 [AV-4.0]	
101-D27	CAT6A	SW-03 PORT 13	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	RX-R3	BINARY B-900-MOIP-4K-RX	RK-101 A/V ROOM	BELDEN 10GXS12 [AV-4.0]	

DESTINATION: RK-102 A/V ROOM									33 CABLES
CABLE	TYPE	IDENTIFIER	SOURCE	LOCATION	IDENTIFIER	DESTINATION	LOCATION	NOTES	
101-A01	LINE	CTL-01 AUDIO OUT 1	CONTROL4 C4-CORE5	RK-102 A/V ROOM	AMX-01 IN 1	TRIAD TS-AMS24	RK-102 A/V ROOM	BELDEN 9451 [AV-4.1]	
101-A02	LINE	CTL-01 AUDIO OUT 2	CONTROL4 C4-CORE5	RK-102 A/V ROOM	AMX-01 IN 2	TRIAD TS-AMS24	RK-102 A/V ROOM	BELDEN 9451 [AV-4.1]	
101-A03	LINE	CTL-01 AUDIO OUT 3	CONTROL4 C4-CORE5	RK-102 A/V ROOM	AMX-01 IN 3	TRIAD TS-AMS24	RK-102 A/V ROOM	BELDEN 9451 [AV-4.1]	
101-A04	LINE	AMX-01 OUT 1	TRIAD TS-AMS24	RK-102 A/V ROOM	AMP-01 IN 1-2	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	BELDEN 9451 [AV-4.1]	
101-A05	LINE	AMX-01 OUT 2	TRIAD TS-AMS24	RK-102 A/V ROOM	AMP-01 IN 3-4	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	BELDEN 9451 [AV-4.1]	
101-A06	LINE	AMX-01 OUT 3	TRIAD TS-AMS24	RK-102 A/V ROOM	AMP-01 IN 5-6	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	BELDEN 9451 [AV-4.1]	
101-A07	LINE	AMX-01 OUT 4	TRIAD TS-AMS24	RK-102 A/V ROOM	AMP-01 IN 7-10	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	BELDEN 9451 [AV-4.1]	
101-A08	LINE	AMX-01 OUT 5	TRIAD TS-AMS24	RK-102 A/V ROOM	AMP-01 IN 11-14	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	BELDEN 9451 [AV-4.1]	
101-A09	LINE	AMX-01 OUT 6	TRIAD TS-AMS24	RK-102 A/V ROOM	AMP-01 IN 15-16	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	BELDEN 9451 [AV-4.1]	
101-A10	LINE	AMX-01 OUT 7	TRIAD TS-AMS24	RK-102 A/V ROOM	AMP-02 IN 1-2	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	BELDEN 9451 [AV-4.1]	
101-A11	LINE	AMX-01 OUT 8	TRIAD TS-AMS24	RK-102 A/V ROOM	AMP-02 IN 3-4	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	BELDEN 9451 [AV-4.1]	
101-A12	LINE	AMX-01 OUT 9	TRIAD TS-AMS24	RK-102 A/V ROOM	AMP-02 IN 5-6	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	BELDEN 9451 [AV-4.1]	
101-A13	LINE	AMX-01 OUT 10	TRIAD TS-AMS24	RK-102 A/V ROOM	AMP-02 IN 7-8	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	BELDEN 9451 [AV-4.1]	
101-A14	LINE	AMX-01 OUT 11	TRIAD TS-AMS24	RK-102 A/V ROOM	AMP-02 IN 9	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	BELDEN 9451 [AV-4.1]	
101-A15	LINE	AMX-01 OUT 12	TRIAD TS-AMS24	RK-102 A/V ROOM	AMP-02 IN 10-11	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	BELDEN 9451 [AV-4.1]	
101-A16	LINE	AMX-01 OUT 13	TRIAD TS-AMS24	RK-102 A/V ROOM	AMP-02 IN 12-15	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	BELDEN 9451 [AV-4.1]	
101-A17	LINE	AMX-01 OUT 14	TRIAD TS-AMS24	RK-102 A/V ROOM	AMP-03 IN 1-2	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	BELDEN 9451 [AV-4.1]	
101-A18	LINE	AMX-01 OUT 15	TRIAD TS-AMS24	RK-102 A/V ROOM	AMP-03 IN 3-4	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	BELDEN 9451 [AV-4.1]	
101-A19	LINE	AMX-01 OUT 16	TRIAD TS-AMS24	RK-102 A/V ROOM	AMP-03 IN 5-6	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	BELDEN 9451 [AV-4.1]	
101-A20	LINE	AMX-01 OUT 17	TRIAD TS-AMS24	RK-102 A/V ROOM	AMP-03 IN 7-8	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	BELDEN 9451 [AV-4.1]	
101-A21	LINE	AMX-01 OUT 18	TRIAD TS-AMS24	RK-102 A/V ROOM	AMP-03 IN 9-10	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	BELDEN 9451 [AV-4.1]	
101-A22	LINE	AMX-01 OUT 19	TRIAD TS-AMS24	RK-102 A/V ROOM	AMP-03 IN 11-12	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	BELDEN 9451 [AV-4.1]	
101-A23	LINE	AMX-01 OUT 20	TRIAD TS-AMS24	RK-102 A/V ROOM	AMP-03 IN 13-14	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	BELDEN 9451 [AV-4.1]	
101-A24	LINE	AMX-01 OUT 21	TRIAD TS-AMS24	RK-102 A/V ROOM	AMP-03 IN 15-16	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	BELDEN 9451 [AV-4.1]	
101-D03	CAT6A	SW-01 PORT 01	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	RTR-01 LAN 1	ARAKNIS AN-520-RT	RK-102 A/V ROOM	BELDEN 10GXS12 [AV-4.1]	
101-D04	CAT6A	SW-01 PORT 02	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	SW-02 PORT 01	ARAKNIS AN-920-SW-F-24-POE	RK-102 A/V ROOM	BELDEN 10GXS12 [AV-4.1]	
101-D05	CAT6A	SW-01 PORT 03	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	SW-03 PORT 01	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	BELDEN 10GXS12 [AV-4.1]	
101-D06	CAT6A	SW-01 PORT 04	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	CTL-01	CONTROL4 C4-CORE5	RK-102 A/V ROOM	BELDEN 10GXS12 [AV-4.1]	
101-D07	CAT6A	SW-01 PORT 05	ARAKNIS AN-420-SW						

DESTINATION: GREAT ROOM 201									15 CABLES
		FROM			TO				
CABLE	TYPE	IDENTIFIER	SOURCE	LOCATION	IDENTIFIER	DESTINATION	LOCATION	NOTES	
201-V01	HDMI	RX-06 HDMI OUT	BINARY B-900-MOIP-4K-RX	GREAT ROOM 201	TV-201 HDMI 1	OWNER FURNISHED OFE	GREAT ROOM 201	VERIFY MODEL [AV-4.3]	
201-A01	LINE	AVR-02 SUB OUT	SONY STR-AZ1000ES	RK-101 A/V ROOM	SUB-201	TRIAD VERIFY MODEL	GREAT ROOM 201	BELDEN 9451 [AV-4.3]	
201-C01	SHADE	SHD-01	SHADE PANEL	A/V ROOM	SH-201	BY SHADE VENDOR BY SHADE VENDOR	GREAT ROOM 201	BY SHADE VENDOR [AV-4.3]	
201-C02	SHADE	SHD-01	SHADE PANEL	A/V ROOM	SH-202	BY SHADE VENDOR BY SHADE VENDOR	GREAT ROOM 201	BY SHADE VENDOR [AV-4.3]	
201-C03	SHADE	SHD-01	SHADE PANEL	A/V ROOM	SH-203	BY SHADE VENDOR BY SHADE VENDOR	GREAT ROOM 201	BY SHADE VENDOR [AV-4.3]	
201-D01	CAT6A	SW-03 PORT 19	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	RX-06	BINARY B-900-MOIP-4K-RX	GREAT ROOM 201	BELDEN 10GXS12 [AV-4.3]	
201-D02	CAT6A	PATCH PANEL (SPARE)	CAT6A PATCH PANEL	RK-102 A/V ROOM	TV-201 SPARE	OWNER FURNISHED OFE	GREAT ROOM 201	BELDEN 10GXS12 [AV-4.3]	
201-D03	CAT6A	SW-01 PORT 16	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	TS-201	CONTROL4 C4-T5IW8	GREAT ROOM 201	BELDEN 10GXS12 [AV-4.3]	
201-D04	CAT6A	SW-02 PORT 06	ARAKNIS AN-920-SW-F-24-POE	RK-102 A/V ROOM	WAP-201	ARAKNIS AN-830-AP-I	GREAT ROOM 201	BELDEN 10GXS12 [AV-4.3]	
201-F01	OM3	FIBER PANEL (SPARE)	LC FIBER PANEL	RK-102 A/V ROOM	TV-201 SPARE	OWNER FURNISHED OFE	GREAT ROOM 201	BELDEN FP3LDD (LENGTH TO SUIT) [AV-4.3]	
201-S01	14/2	AVR-02	SONY STR-AZ1000ES	RK-101 A/V ROOM	SPC-201	TRIAD TS-IC63	GREAT ROOM 201	BELDEN 5100UE [AV-4.3]	
201-S02	14/2	AVR-02	SONY STR-AZ1000ES	RK-101 A/V ROOM	SPC-202	TRIAD TS-IC63	GREAT ROOM 201	BELDEN 5100UE [AV-4.3]	
201-S03	14/2	AVR-02	SONY STR-AZ1000ES	RK-101 A/V ROOM	SPC-203	TRIAD TS-IC63	GREAT ROOM 201	BELDEN 5100UE [AV-4.3]	
201-S04	14/2	AVR-02	SONY STR-AZ1000ES	RK-101 A/V ROOM	SPC-204	TRIAD TS-IC63	GREAT ROOM 201	BELDEN 5100UE [AV-4.3]	
201-S05	14/2	AVR-02	SONY STR-AZ1000ES	RK-101 A/V ROOM	SPC-205	TRIAD TS-IC63	GREAT ROOM 201	BELDEN 5100UE [AV-4.3]	

DESTINATION: KITCHEN 202								5 CABLES
		FROM			TO			
CABLE	TYPE	IDENTIFIER	SOURCE	LOCATION	IDENTIFIER	DESTINATION	LOCATION	NOTES
202-D01	CAT6A	SW-01 PORT 17	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	TS-202	CONTROL4 C4-T5IW8	KITCHEN 202	BELDEN 10GXS12 [AV-4.5]
202-D02	CAT6A	SW-01 PORT 31	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	DD-201 A	GENERIC DUPLEX RJ45	KITCHEN 202	BELDEN 10GXS12 [AV-4.4]
202-D03	CAT6A	SW-01 PORT 32	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	DD-201 B	GENERIC DUPLEX RJ45	KITCHEN 202	BELDEN 10GXS12 [AV-4.4]
202-S01	14/2	AMP-01 CH 15	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	SPC-206	TRIAD TS-IC63	KITCHEN 202	BELDEN 5100UE [AV-4.5]
202-S02	14/2	AMP-01 CH 16	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	SPC-207	TRIAD TS-IC63	KITCHEN 202	BELDEN 5100UE [AV-4.5]

DESTINATION: FORMAL DINING 203										2 CABLES
		FROM			TO					
CABLE	TYPE	IDENTIFIER	SOURCE	LOCATION	IDENTIFIER	DESTINATION	LOCATION	NOTES		
203-S01	14/2	AMP-02 CH 1	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	SPC-208	TRIAD TS-IC63	FORMAL DINING 203	BELDEN 5100UE [AV-4.5]		
203-S02	14/2	AMP-02 CH 2	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	SPC-209	TRIAD TS-IC63	FORMAL DINING 203	BELDEN 5100UE [AV-4.5]		

DESTINATION: ENTRY 204								4 CABLES	
		FROM			TO				
CABLE	TYPE	IDENTIFIER	SOURCE	LOCATION	IDENTIFIER	DESTINATION	LOCATION	NOTES	
204-D01	CAT6A	SW-01 PORT 18	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	DS-201	CONTROL4 C4-DS2FMKP	ENTRY 204	BELDEN 10GXS12 [AV-4.5]	
204-D02	CAT6A	SW-02 PORT 07	ARAKNIS AN-920-SW-F-24-POE	RK-102 A/V ROOM	WAP-202	ARAKNIS AN-830-AP-I	ENTRY 204	BELDEN 10GXS12 [AV-4.5]	
204-D03	CAT6A	SW-01 PORT 19	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	TS-203	CONTROL4 C4-T5Iw8	ENTRY 204	BELDEN 10GXS12 [AV-4.5]	
204-D04	CAT6A	SW-03 PORT 33	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	CAM-201	LUMA LUM-820-IP-TFW	ENTRY 204	BELDEN 10GXS12 [AV-4.5]	

DESTINATION: DEN 205										9 CABLES
		FROM			TO					
CABLE	TYPE	IDENTIFIER	SOURCE	LOCATION	IDENTIFIER	DESTINATION	LOCATION	NOTES		
205-V01	HDMI	RX-07 HDMI OUT	BINARY B-900-MOIP-4K-RX	DEN 205	TV-202 HDMI 1	OWNER FURNISHED OFE	DEN 205	VERIFY MODEL [AV-4.6]		
205-C01	SHADE	SHD-01	SHADE PANEL	A/V ROOM	SH-204	BY SHADE VENDOR BY SHADE VENDOR	DEN 205	BY SHADE VENDOR [AV-4.6]		
205-D01	CAT6A	SW-03 PORT 20	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	RX-07	BINARY B-900-MOIP-4K-RX	DEN 205	BELDEN 10GXS12 [AV-4.6]		
205-D02	CAT6A	CAT6A PATCH PANEL (SPARE)	CAT6A PATCH PANEL	RK-102 A/V ROOM	TV-202 SPARE	OWNER FURNISHED OFE	DEN 205	BELDEN 10GXS12 [AV-4.6]		
205-D03	CAT6A	SW-01 PORT 33	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	DD-202 A	GENERIC DUPLEX RJ45	DEN 205	BELDEN 10GXS12 [AV-4.4]		
205-D04	CAT6A	SW-01 PORT 34	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	DD-202 B	GENERIC DUPLEX RJ45	DEN 205	BELDEN 10GXS12 [AV-4.4]		
205-F01	OM3	FIBER PANEL (SPARE)	LC FIBER PANEL	RK-102 A/V ROOM	TV-202 SPARE	OWNER FURNISHED OFE	DEN 205	BELDEN FP3LDL (LENGTH TO SUIT) [AV-4.6]		
205-S01	14/2	AMP-02 CH 3	TRIAD TS-PAMPB-100	RK-102 A/V ROOM	SPC-210	TRIAD TS-IC63	DEN 205	BELDEN 5100UE [AV-4.6]		
205-S02	14/2	AMP-02 CH 4	TRIAD TS-PAMPB-100	RK-102 A/V ROOM	SPC-211	TRIAD TS-IC63	DEN 205	BELDEN 5100UE [AV-4.6]		

DESTINATION: PRIMARY SUITE 206									11 CABLES
		FROM			TO				
CABLE	TYPE	IDENTIFIER	SOURCE	LOCATION	IDENTIFIER	DESTINATION	LOCATION	NOTES	
206-V01	HDMI	RX-08 HDMI OUT	BINARY B-900-MOIP-4K-RX	PRIMARY SUITE 206	TV-203 HDMI 1	OWNER FURNISHED OFE	PRIMARY SUITE 206	VERIFY MODEL [AV-4.5]	
206-C01	SHADE	SHD-01	SHADE PANEL	A/V ROOM	SH-205	BY SHADE VENDOR BY SHADE VENDOR	PRIMARY SUITE 206	BY SHADE VENDOR [AV-4.5]	
206-C02	SHADE	SHD-01	SHADE PANEL	A/V ROOM	SH-206	BY SHADE VENDOR BY SHADE VENDOR	PRIMARY SUITE 206	BY SHADE VENDOR [AV-4.5]	
206-D01	CAT6A	SW-03 PORT 21	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	RX-08	BINARY B-900-MOIP-4K-RX	PRIMARY SUITE 206	BELDEN 10GXS12 [AV-4.5]	
206-D02	CAT6A	PATCH PANEL (SPARE)	CAT6A PATCH PANEL	RK-102 A/V ROOM	TV-203 SPARE	OWNER FURNISHED OFE	PRIMARY SUITE 206	BELDEN 10GXS12 [AV-4.5]	
206-D03	CAT6A	SW-01 PORT 20	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	TS-204	CONTROL4 C4-T5Iw8	PRIMARY SUITE 206	BELDEN 10GXS12 [AV-4.5]	
206-D04	CAT6A	SW-01 PORT 35	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	DD-203 A	GENERIC DUPLEX RJ45	PRIMARY SUITE 206	BELDEN 10GXS12 [AV-4.4]	
206-D05	CAT6A	SW-01 PORT 36	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	DD-203 B	GENERIC DUPLEX RJ45	PRIMARY SUITE 206	BELDEN 10GXS12 [AV-4.4]	
206-F01	OM3	FIBER PANEL (SPARE)	LC FIBER PANEL	RK-102 A/V ROOM	TV-203 SPARE	OWNER FURNISHED OFE	PRIMARY SUITE 206	BELDEN FP3DLDD (LENGTH TO SUIT) [AV-4.5]	
206-S01	14/2	AMP-02 CH 5	TRIAD TS-PAMPB-100	RK-102 A/V ROOM	SPC-212	TRIAD TS-IC63	PRIMARY SUITE 206	BELDEN 5100UE [AV-4.5]	
206-S02	14/2	AMP-02 CH 6	TRIAD TS-PAMPB-100	RK-102 A/V ROOM	SPC-213	TRIAD TS-IC63	PRIMARY SUITE 206	BELDEN 5100UE [AV-4.5]	

DESTINATION: PRIMARY BATH 207									2 CABLES
		FROM			TO				
CABLE	TYPE	IDENTIFIER	SOURCE	LOCATION	IDENTIFIER	DESTINATION	LOCATION	NOTES	
207-S01	14/2	AMP-02 CH 7	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	SPC-214	TRIAD TS-IC63	PRIMARY BATH 207	BELDEN 5100UE [AV-4.5]	
207-S02	14/2	AMP-02 CH 8	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	SPC-215	TRIAD TS-IC63	PRIMARY BATH 207	BELDEN 5100UE [AV-4.5]	

DESTINATION: CLOSETS 208								1 CABLE
		FROM			TO			
CABLE	TYPE	IDENTIFIER	SOURCE	LOCATION	IDENTIFIER	DESTINATION	LOCATION	NOTES
208-S01	14/2	AMP-02 CH 9	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	SPC-216	TRIAD TS-IC63	CLOSETS 208	BELDEN 5100UE [AV-4.5]

DESTINATION: HER OFFICE 209									9 CABLES
		FROM			TO				
CABLE	TYPE	IDENTIFIER	SOURCE	LOCATION	IDENTIFIER	DESTINATION	LOCATION	NOTES	
209-V01	HDMI	RX-09 HDMI OUT	BINARY B-900-MOIP-4K-RX	HER OFFICE 209	TV-204 HDMI 1	OWNER FURNISHED OFE	HER OFFICE 209	VERIFY MODEL [AV-4.6]	
209-D01	CAT6A	SW-03 PORT 22	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	RX-09	BINARY B-900-MOIP-4K-RX	HER OFFICE 209	BELDEN 10GXS12 [AV-4.6]	
209-D02	CAT6A	PATCH PANEL (SPARE)	CAT6A PATCH PANEL	RK-102 A/V ROOM	TV-204 SPARE	OWNER FURNISHED OFE	HER OFFICE 209	BELDEN 10GXS12 [AV-4.6]	
209-D03	CAT6A	SW-01 PORT 37	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	DD-204 A	GENERIC DUPLEX RJ45	HER OFFICE 209	BELDEN 10GXS12 [AV-4.4]	
209-D04	CAT6A	SW-01 PORT 38	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	DD-204 B	GENERIC DUPLEX RJ45	HER OFFICE 209	BELDEN 10GXS12 [AV-4.4]	
209-D05	CAT6A	SW-02 PORT 08	ARAKNIS AN-920-SW-F-24-POE	RK-102 A/V ROOM	WAP-203	ARAKNIS AN-830-AP-I	HER OFFICE 209	BELDEN 10GXS12 [AV-4.6]	
209-F01	OM3	FIBER PANEL (SPARE)	LC FIBER PANEL	RK-102 A/V ROOM	TV-204 SPARE	OWNER FURNISHED OFE	HER OFFICE 209	BELDEN FP3LDLD (LENGTH TO SUIT) [AV-4.6]	
209-S01	14/2	AMP-02 CH 10	TRIAD TS-PAMPB-100	RK-102 A/V ROOM	SPC-217	TRIAD TS-IC63	HER OFFICE 209	BELDEN 5100UE [AV-4.6]	
209-S02	14/2	AMP-02 CH 11	TRIAD TS-PAMPB-100	RK-102 A/V ROOM	SPC-218	TRIAD TS-IC63	HER OFFICE 209	BELDEN 5100UE [AV-4.6]	

DESTINATION: OUTDOOR LIVING 210									10 CABLES
		FROM			TO				
CABLE	TYPE	IDENTIFIER	SOURCE	LOCATION	IDENTIFIER	DESTINATION	LOCATION	NOTES	
210-V01	HDMI	RX-10 HDMI OUT	BINARY B-900-MOIP-4K-RX	OUTDOOR LIVING 210	TV-205 HDMI 1	OWNER FURNISHED OFE	OUTDOOR LIVING 210	VERIFY MODEL [AV-4.6]	
210-D01	CAT6A	SW-03 PORT 23	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	RX-10	BINARY B-900-MOIP-4K-RX	OUTDOOR LIVING 210	BELDEN 10GXS12 [AV-4.6]	
210-D02	CAT6A	PATCH PANEL (SPARE)	CAT6A PATCH PANEL	RK-102 A/V ROOM	TV-205 SPARE	OWNER FURNISHED OFE	OUTDOOR LIVING 210	BELDEN 10GXS12 [AV-4.6]	
210-D03	CAT6A	SW-03 PORT 34	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	CAM-202	LUMA LUM-820-IP-TFW	OUTDOOR LIVING 210	BELDEN 10GXS12 [AV-4.6]	
210-D04	CAT6A	SW-02 PORT 09	ARAKNIS AN-920-SW-F-24-POE	RK-102 A/V ROOM	WAP-204	ARAKNIS AN-830-AP-I	OUTDOOR LIVING 210	BELDEN 10GXS12 [AV-4.6]	
210-F01	OM3	FIBER PANEL (SPARE)	LC FIBER PANEL	RK-102 A/V ROOM	TV-205 SPARE	OWNER FURNISHED OFE	OUTDOOR LIVING 210	BELDEN FP3LDD (LENGTH TO SUIT) [AV-4.6]	
210-S01	14/2 DB	AMP-02 CH 12	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	SPO-201	TRIAD TS-OD26	OUTDOOR LIVING 210	WEST PENN AQC226 [AV-4.6]	
210-S02	14/2 DB	AMP-02 CH 13	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	SPO-202	TRIAD TS-OD26	OUTDOOR LIVING 210	WEST PENN AQC226 [AV-4.6]	
210-S03	14/2 DB	AMP-02 CH 14	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	SPO-203	TRIAD TS-OD26	OUTDOOR LIVING 210	WEST PENN AQC226 [AV-4.6]	
210-S04	14/2 DB	AMP-02 CH 15	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	SPO-204	TRIAD TS-OD26	OUTDOOR LIVING 210	WEST PENN AQC226 [AV-4.6]	

DESTINATION: OUTDOOR DINING 211									3 CABLES
		FROM			TO				
CABLE	TYPE	IDENTIFIER	SOURCE	LOCATION	IDENTIFIER	DESTINATION	LOCATION	NOTES	
211-001	CAT6A	SW-03 PORT 35	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	CAM-203	LUMA LUM-820-IP-TFW	OUTDOOR DINING 211	BELDEN 10GXS12 [AV-4.5]	
211-501	14/2	AMP-03 CH 1	TRIAD TS-PAMPB-100	RK-102 A/V ROOM	SPC-219	TRIAD TS-IC63	OUTDOOR DINING 211	BELDEN 5100UE [AV-4.5]	
211-502	14/2	AMP-03 CH 2	TRIAD TS-PAMPB-100	RK-102 A/V ROOM	SPC-220	TRIAD TS-IC63	OUTDOOR DINING 211	BELDEN 5100UE [AV-4.5]	

DESTINATION: SOUTH TERRACE 212										2 CABLES
		FROM			TO					
CABLE	TYPE	IDENTIFIER	SOURCE	LOCATION	IDENTIFIER	DESTINATION	LOCATION	NOTES		
212-S01	14/2 DB	AMP-03 CH 3	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	SPO-205	TRIAD TS-OD26	SOUTH TERRACE 212	WEST PENN AQC226	[AV-4.6]	
212-S02	14/2 DB	AMP-03 CH 4	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	SPO-206	TRIAD TS-OD26	SOUTH TERRACE 212	WEST PENN AQC226	[AV-4.6]	

DESTINATION: MAIN GARAGE 213								6 CABLES
		FROM			TO			
CABLE	TYPE	IDENTIFIER	SOURCE	LOCATION	IDENTIFIER	DESTINATION	LOCATION	NOTES
213-D01	CA76A	SW-02 PORT 10	ARAKNIS AN-920-SW-F-24-POE	RK-102 A/V ROOM	WAP-205	ARAKNIS AN-830-AP-I	MAIN GARAGE 213	BELDEN 10GXS12 [AV-4.5]
213-D02	CA76A	SW-03 PORT 36	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	CAM-204	LUMA LUM-820-IP-TFW	MAIN GARAGE 213	BELDEN 10GXS12 [AV-4.5]
213-D03	CA76A	SW-03 PORT 37	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	CAM-205	LUMA LUM-820-IP-TFW	MAIN GARAGE 213	BELDEN 10GXS12 [AV-4.5]
213-D04	CA76A	SW-03 PORT 38	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	CAM-206	LUMA LUM-820-IP-TFW	MAIN GARAGE 213	BELDEN 10GXS12 [AV-4.5]
213-D05	CA76A	SW-01 PORT 39	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	DD-205 A	GENERIC DUPLEX RJ45	MAIN GARAGE 213	BELDEN 10GXS12 [AV-4.4]
213-D06	CA76A	SW-01 PORT 40	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	DD-205 B	GENERIC DUPLEX RJ45	MAIN GARAGE 213	BELDEN 10GXS12 [AV-4.4]

DESTINATION: SERVICE 214								2 CABLES
		FROM			TO			
CABLE	TYPE	IDENTIFIER	SOURCE	LOCATION	IDENTIFIER	DESTINATION	LOCATION	NOTES
214-D01	CAT6A	SW-01 PORT 41	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	DD-206 A	GENERIC DUPLEX RJ45	SERVICE 214	BELDEN 10GXS12 [AV-4.4]
214-D02	CAT6A	SW-01 PORT 42	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	DD-206 B	GENERIC DUPLEX RJ45	SERVICE 214	BELDEN 10GXS12 [AV-4.4]

CLIENT	SAMPLE RESIDENCE SAMPLE PROJECT
ADDRESS	ANYTOWN, USA
PROJECT	CONTROL4 SMART HOME
PREPARED BY	 INTEGRATOR DRAFTWORKS AV SYSTEM DRAFTING (505) 527-2959 INTEGRATORDRAFTWORKS.COM JAMESAVDRAFTING@GMAIL.COM © 2025 INTEGRATOR DRAFTWORKS ORIGINAL WORK - DO NOT COPY OR REUSE WITHOUT WRITTEN PERMISSION
DESCRIPTION	AUDIO VISUAL SYSTEMS

SYSTEM SUMMARY	
VIDEO - BINARY MOIP	AV-4.0
SURROUND - SONY RECEIVERS	AV-4.0, 4.2
AUDIO - TRIAD	AV-4.1
CONTROL - CONTROL4	AV-4.1
NETWORK - ARAKNIS	AV-4.1
CAMERAS - LUMA	AV-4.1

ISSUE INFO	
DATE ISSUED	2026/10/03

STATUS

PRELIMINARY NOT FOR CONSTRUCTION						
STATUS CHANGES WITH "ISSUED FOR" BELOW						
<table style="width: 100%;"><tr><td style="width: 50%; vertical-align: top;">ISSUED FOR</td><td style="width: 50%;"></td></tr><tr><td>☒ REVIEW</td><td>☐ COORDINATION</td></tr><tr><td>☐ CONSTRUCTION</td><td>☐ AS-BUILT</td></tr></table>	ISSUED FOR		☒ REVIEW	☐ COORDINATION	☐ CONSTRUCTION	☐ AS-BUILT
ISSUED FOR						
☒ REVIEW	☐ COORDINATION					
☐ CONSTRUCTION	☐ AS-BUILT					
SHEET TITLE						

DESTINATION: HIS OFFICE 301										12 CABLES
		FROM			TO					
CABLE	TYPE	IDENTIFIER	SOURCE	LOCATION	IDENTIFIER	DESTINATION	LOCATION	NOTES		
301-V01	HDMI	RX-11 HDMI OUT	BINARY B-900-MOIP-4K-RX	HIS OFFICE 301	TV-301 HDMI 1	OWNER FURNISHED OFE	HIS OFFICE 301	VERIFY MODEL [AV-4.7]		
301-C01	SHADE	SHD-01	SHADE PANEL	A/V ROOM	SH-301	BY SHADE VENDOR BY SHADE VENDOR	HIS OFFICE 301	BY SHADE VENDOR [AV-4.7]		
301-C02	SHADE	SHD-01	SHADE PANEL	A/V ROOM	SH-302	BY SHADE VENDOR BY SHADE VENDOR	HIS OFFICE 301	BY SHADE VENDOR [AV-4.7]		
301-D01	CAT6A	SW-03 PORT 24	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	RX-11	BINARY B-900-MOIP-4K-RX	HIS OFFICE 301	BELDEN 10GXS12 [AV-4.7]		
301-D02	CAT6A	PATCH PANEL (SPARE)	CAT6A PATCH PANEL	RK-102 A/V ROOM	TV-301 SPARE	OWNER FURNISHED OFE	HIS OFFICE 301	BELDEN 10GXS12 [AV-4.7]		
301-D03	CAT6A	SW-01 PORT 21	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	TS-301	CONTROL4 C4-T5IW8	HIS OFFICE 301	BELDEN 10GXS12 [AV-4.7]		
301-D04	CAT6A	SW-01 PORT 43	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	DD-301 A	GENERIC DUPLEX RJ45	HIS OFFICE 301	BELDEN 10GXS12 [AV-4.5]		
301-D05	CAT6A	SW-01 PORT 44	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	DD-301 B	GENERIC DUPLEX RJ45	HIS OFFICE 301	BELDEN 10GXS12 [AV-4.5]		
301-D06	CAT6A	SW-02 PORT 11	ARAKNIS AN-920-SW-F-24-POE	RK-102 A/V ROOM	WAP-301	ARAKNIS AN-830-AP-I	HIS OFFICE 301	BELDEN 10GXS12 [AV-4.7]		
301-F01	OM3	FIBER PANEL (SPARE)	LC FIBER PANEL	RK-102 A/V ROOM	TV-301 SPARE	OWNER FURNISHED OFE	HIS OFFICE 301	BELDEN FP3DLD (LENGTH TO SUIT) [AV-4.7]		
301-S01	14/2	AMP-03 CH 5	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	SPC-301	TRIAD TS-IC63	HIS OFFICE 301	BELDEN 5100UE [AV-4.7]		
301-S02	14/2	AMP-03 CH 6	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	SPC-302	TRIAD TS-IC63	HIS OFFICE 301	BELDEN 5100UE [AV-4.7]		

DESTINATION: GUEST DEN 302								8 CABLES
		FROM			TO			
CABLE	TYPE	IDENTIFIER	SOURCE	LOCATION	IDENTIFIER	DESTINATION	LOCATION	NOTES
302-V01	HDMI	RX-12 HDMI OUT	BINARY B-900-MOIP-4K-RX	GUEST DEN 302	TV-302 HDMI 1	OWNER FURNISHED OFE	GUEST DEN 302	VERIFY MODEL [AV-4.7]
302-C01	SHADE	SHD-01	SHADE PANEL	A/V ROOM	SH-303	BY SHADE VENDOR BY SHADE VENDOR	GUEST DEN 302	BY SHADE VENDOR [AV-4.7]
302-D01	CAT6A	SW-03 PORT 25	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	RX-12	BINARY B-900-MOIP-4K-RX	GUEST DEN 302	BELDEN 10GXS12 [AV-4.7]
302-D02	CAT6A	PATCH PANEL (SPARE)	CAT6A PATCH PANEL	RK-102 A/V ROOM	TV-302 SPARE	OWNER FURNISHED OFE	GUEST DEN 302	BELDEN 10GXS12 [AV-4.7]
302-D03	CAT6A	SW-01 PORT 22	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	TS-302	CONTROL4 C4-T5IW8	GUEST DEN 302	BELDEN 10GXS12 [AV-4.7]
302-F01	OM3	FIBER PANEL (SPARE)	LC FIBER PANEL	RK-102 A/V ROOM	TV-302 SPARE	OWNER FURNISHED OFE	GUEST DEN 302	BELDEN FP3LDL (LENGTH TO SUIT) [AV-4.7]
302-S01	14/2	AMP-03 CH 7	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	SPC-303	TRIAD TS-IC63	GUEST DEN 302	BELDEN 5100UE [AV-4.7]
302-S02	14/2	AMP-03 CH 8	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	SPC-304	TRIAD TS-IC63	GUEST DEN 302	BELDEN 5100UE [AV-4.7]

DESTINATION: GUEST BED 2 303								8 CABLES
		FROM			TO			
CABLE	TYPE	IDENTIFIER	SOURCE	LOCATION	IDENTIFIER	DESTINATION	LOCATION	NOTES
303-V01	HDMI	RX-13 HDMI OUT	BINARY 8-900-MOIP-4K-RX	GUEST BED 2 303	TV-303 HDMI 1	OWNER FURNISHED OFE	GUEST BED 2 303	VERIFY MODEL [AV-4.7]
303-D01	CAT6A	SW-03 PORT 26	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	RX-13	BINARY 8-900-MOIP-4K-RX	GUEST BED 2 303	BELDEN 10GXS12 [AV-4.7]
303-D02	CAT6A	PATCH PANEL (SPARE)	CAT6A PATCH PANEL	RK-102 A/V ROOM	TV-303 SPARE	OWNER FURNISHED OFE	GUEST BED 2 303	BELDEN 10GXS12 [AV-4.7]
303-D03	CAT6A	SW-01 PORT 45	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	DD-302 A	GENERIC DUPLEX RJ45	GUEST BED 2 303	BELDEN 10GXS12 [AV-4.5]
303-D04	CAT6A	SW-01 PORT 46	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	DD-302 B	GENERIC DUPLEX RJ45	GUEST BED 2 303	BELDEN 10GXS12 [AV-4.5]
303-F01	OM3	FIBER PANEL (SPARE)	LC FIBER PANEL	RK-102 A/V ROOM	TV-303 SPARE	OWNER FURNISHED OFE	GUEST BED 2 303	BELDEN FP3LDD (LENGTH TO SUIT) [AV-4.7]
303-S01	14/2	AMP-03 CH 9	TRIAD TS-PAMPB-100	RK-102 A/V ROOM	SPC-305	TRIAD TS-IC63	GUEST BED 2 303	BELDEN 5100UE [AV-4.7]
303-S02	14/2	AMP-03 CH 10	TRIAD TS-PAMPB-100	RK-102 A/V ROOM	SPC-306	TRIAD TS-IC63	GUEST BED 2 303	BELDEN 5100UE [AV-4.7]

DESTINATION: GUEST BED 1 304								8 CABLES
		FROM			TO			
CABLE	TYPE	IDENTIFIER	SOURCE	LOCATION	IDENTIFIER	DESTINATION	LOCATION	NOTES
304-V01	HDMI	RX-14 HDMI OUT	BINARY B-900-MOIP-4K-RX	GUEST BED 1 304	TV-304 HDMI 1	OWNER FURNISHED OFE	GUEST BED 1 304	VERIFY MODEL [AV-4.7]
304-D01	CAT6A	SW-03 PORT 27	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	RX-14	BINARY B-900-MOIP-4K-RX	GUEST BED 1 304	BELDEN 10GXS12 [AV-4.7]
304-D02	CAT6A	PATCH PANEL (SPARE)	CAT6A PATCH PANEL	RK-102 A/V ROOM	TV-304 SPARE	OWNER FURNISHED OFE	GUEST BED 1 304	BELDEN 10GXS12 [AV-4.7]
304-D03	CAT6A	SW-01 PORT 47	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	DD-303 A	GENERIC DUPLEX RJ45	GUEST BED 1 304	BELDEN 10GXS12 [AV-4.5]
304-D04	CAT6A	SW-01 PORT 48	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	DD-303 B	GENERIC DUPLEX RJ45	GUEST BED 1 304	BELDEN 10GXS12 [AV-4.5]
304-F01	OM3	FIBER PANEL (SPARE)	LC FIBER PANEL	RK-102 A/V ROOM	TV-304 SPARE	OWNER FURNISHED OFE	GUEST BED 1 304	BELDEN FP3LDD (LENGTH TO SUIT) [AV-4.7]
304-S01	14/2	AMP-03 CH 11	TRIAD TS-PAMPB-100	RK-102 A/V ROOM	SPC-307	TRIAD TS-IC63	GUEST BED 1 304	BELDEN 5100UE [AV-4.7]
304-S02	14/2	AMP-03 CH 12	TRIAD TS-PAMPB-100	RK-102 A/V ROOM	SPC-308	TRIAD TS-IC63	GUEST BED 1 304	BELDEN 5100UE [AV-4.7]

DESTINATION: UPPER HALL 305								1 CABLE
		FROM			TO			
CABLE	TYPE	IDENTIFIER	SOURCE	LOCATION	IDENTIFIER	DESTINATION	LOCATION	NOTES
305-D01	CAT6A	SW-02 PORT 12	ARAKNIS AN-920-SW-F-24-POE	RK-102 A/V ROOM	WAP-302	ARAKNIS AN-830-AP-I	UPPER HALL 305	BELDEN 10GXS12 [AV-4.7]

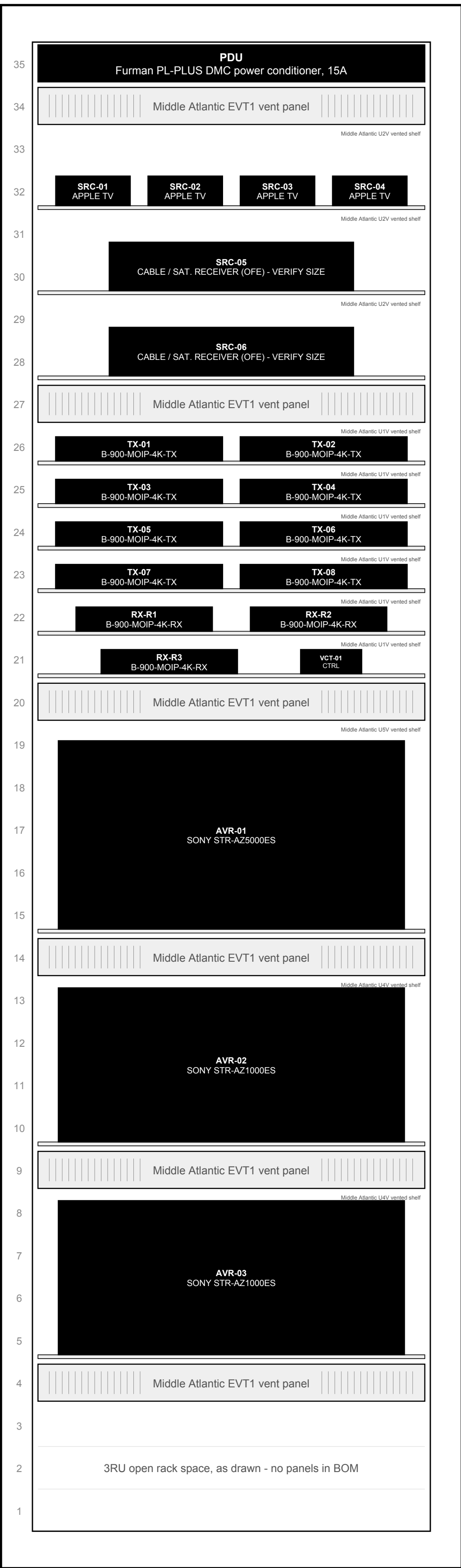
DESTINATION: COVERED PATIO 306								3 CABLES
		FROM			TO			
CABLE	TYPE	IDENTIFIER	SOURCE	LOCATION	IDENTIFIER	DESTINATION	LOCATION	NOTES
306-D01	CAT6A	SW-03 PORT 39	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	CAM-301	LUMA LUM-820-IP-TFW	COVERED PATIO 306	BELDEN 10GXS12 [AV-4.7]
306-S01	14/2 DB	AMP-03 CH 13	TRIAD TS-PAMPB-100	RK-102 A/V ROOM	SPO-301	TRIAD TS-OD26	COVERED PATIO 306	WEST PENN AQCC226 [AV-4.7]
306-S02	14/2 DB	AMP-03 CH 14	TRIAD TS-PAMPB-100	RK-102 A/V ROOM	SPO-302	TRIAD TS-OD26	COVERED PATIO 306	WEST PENN AQCC226 [AV-4.7]

DESTINATION: PUTTING GREEN 307										4 CABLES
		FROM			TO					
CABLE	TYPE	IDENTIFIER	SOURCE	LOCATION	IDENTIFIER	DESTINATION		LOCATION	NOTES	
307-001	CAT6A	SW-03 PORT 40	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	CAM-302	LUMA LUM-820-IP-TFW		PUTTING GREEN 307	BELDEN 10GXS12 [AV-4.7]	
307-002	CAT6A	SW-03 PORT 41	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	CAM-303	LUMA LUM-820-IP-TFW		PUTTING GREEN 307	BELDEN 10GXS12 [AV-4.7]	
307-501	14/2 DB	AMP-03 CH 15	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	SPO-303	TRIAD TS-0D26		PUTTING GREEN 307	WEST PENN AQC226 [AV-4.7]	
307-502	14/2 DB	AMP-03 CH 16	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	SPO-304	TRIAD TS-0D26		PUTTING GREEN 307	WEST PENN AQC226 [AV-4.7]	

CLIENT	SAMPLE RESIDENCE SAMPLE PROJECT
ADDRESS	ANYTOWN, USA
PROJECT	CONTROL4 SMART HOME
PREPARED BY	 INTEGRATOR DRAFTWORKS AV SYSTEM DRAFTING (505) 527-2959 INTEGRATORDRAFTWORKS.COM JAMESAVDRAFTING@GMAIL.COM © 2025 INTEGRATOR DRAFTWORKS ORIGINAL WORK - DO NOT COPY OR REUSE WITHOUT WRITTEN PERMISSION
DESCRIPTION	AUDIO VISUAL SYSTEMS

SYSTEM SUMMARY	
VIDEO - BINARY MOIP	AV-4.0
SURROUND - SONY RECEIVERS	AV-4.0, 4.2
AUDIO - TRIAD	AV-4.1
CONTROL - CONTROL4	AV-4.1
NETWORK - ARAKNIS	AV-4.1
CAMERAS - LUMA	AV-4.1
ISSUE INFO	
DATE ISSUED	2026/10/03
STATUS	
PRELIMINARY NOT FOR CONSTRUCTION STATUS CHANGES WITH "ISSUED FOR" BELOW	
ISSUED FOR	
☒ REVIEW	☐ COORDINATION
☐ CONSTRUCTION	☐ AS-BUILT
SHEET TITLE	
CABLE SCHEDULE UPPER LEVEL	
AV - 5.2	
SHEET 18 OF 20	

FRONT ELEVATION - 35RU EQUIPMENT RACK - RK-101



MIDDLE ATLANTIC ERK-3525
35RU EQUIPMENT RACK - RK-101

POWER

CONNECTED LOAD	BRANCH CIRCUIT
8.93 A	1 x 20A DEDICATED
PDU-1 Furman PL-PLUS DMC power conditioner, 15A	0.10 A
VCT-01 Binary B-900-MOIP-4K-CTRL video-over-IP controller	0.04 A
AVR-01 Sony STR-AZ5000ES	4.17 A
AVR-02 Sony STR-AZ1000ES	2.00 A
AVR-03 Sony STR-AZ1000ES	2.00 A
SRC-01..04 Apple TV 4K streaming players (OFE), 4 x 6 W	0.20 A
SRC-05..06 Cable / satellite receivers (OFE), 2 x 25 W	0.42 A
POWER CONDITIONERS SHOWN	1

Watts from manufacturer data. Fan power is not included in the connected load.

HEAT AND COOLING

RACK HEAT	FAN KIT
3,936 BTU/hr	285 CFM (103 SPARE)
Net rack heat, all devices at maximum power	1,153.5 W / 3,936 BTU/hr
Design temperature rise	20 deg F
CFM required = BTU/hr / (1.08 x dT)	182 CFM
Fan kit supplied	ERK-4FT-285CFM FAN TOP - 285 CFM

CLIENT
SAMPLE RESIDENCE SAMPLE PROJECT
ADDRESS
ANYTOWN, USA
PROJECT
CONTROL4 SMART HOME
PREPARED BY
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DESCRIPTION
AUDIO VISUAL SYSTEMS

SYSTEM SUMMARY	
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SURROUND - SONY RECEIVERS	AV-4.0, 4.2
AUDIO - TRIAD	AV-4.1
CONTROL - CONTROL4	AV-4.1
NETWORK - ARAKNIS	AV-4.1
CAMERAS - LUMA	AV-4.1

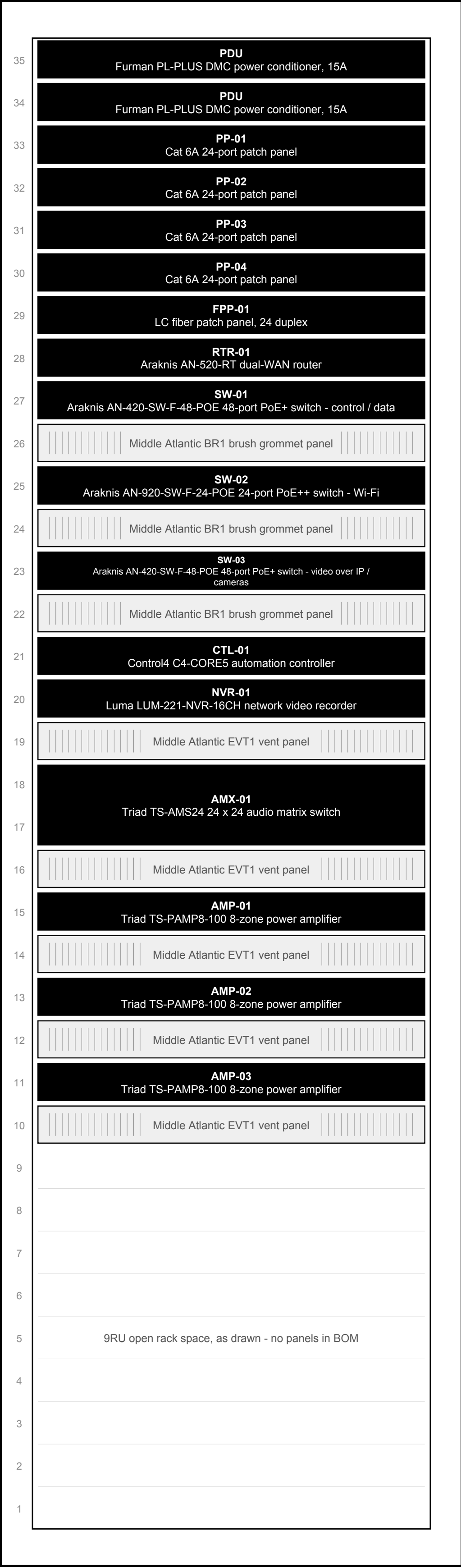
ISSUE INFO	
DATE ISSUED	2026/10/03

STATUS
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ISSUED FOR
☒ REVIEW ☐ COORDINATION
☐ CONSTRUCTION ☐ AS-BUILT
SHEET TITLE

RACK ELEVATION
RK-101 AV ROOM 101

AV - 5.3

FRONT ELEVATION - 35RU EQUIPMENT RACK - RK-102



MIDDLE ATLANTIC ERK-3525
35RU EQUIPMENT RACK - RK-102

POWER

CONNECTED LOAD	BRANCH CIRCUIT
16.03 A	2 x 20A DEDICATED
PDU-2 Furman PL-PLUS DMC power conditioner, 15A	0.10 A
PDU-3 Furman PL-PLUS DMC power conditioner, 15A	0.10 A
RTR-01 Araknis AN-520-RT dual-WAN router	0.25 A
SW-01 Araknis AN-420-SW-F-48-POE 48-port PoE+ switch - control / data - 63.5 W + PoE 117.0 W max / 0.90	1.61 A
SW-02 Araknis AN-920-SW-F-24-POE 24-port PoE++ switch - Wi-Fi - 175.8 W + PoE 543.5 W max / 0.90	6.50 A
SW-03 Araknis AN-420-SW-F-48-POE 48-port PoE+ switch - video over IP / cameras - 63.5 W + PoE 313.5 W max / 0.90	3.43 A
CTL-01 Control4 C4-CORE5 automation controller	0.33 A
NVR-01 Luma LUM-221-NVR-16CH network video recorder	0.17 A
AMX-01 Triad TS-AMS24 24 x 24 audio matrix switch	0.17 A
AMP-01 Triad TS-PAMP8-100 8-zone power amplifier	1.08 A
AMP-02 Triad TS-PAMP8-100 8-zone power amplifier	1.08 A
AMP-03 Triad TS-PAMP8-100 8-zone power amplifier	1.08 A
MDM-01 ISP modem / ONT (OFE)	0.12 A
POWER CONDITIONERS SHOWN	2

Watts from manufacturer data. Fan power is not included in the connected load.

HEAT AND COOLING

RACK HEAT	FAN KIT
5,925 BTU/hr	285 CFM (11 SPARE)
Net rack heat, all devices at maximum power, incl. PoE to field devices	1,736.5 W / 5,925 BTU/hr
Design temperature rise	20 deg F
CFM required = BTU/hr / (1.08 x dT)	274 CFM
Fan kit supplied	ERK-4FT-285CFM FAN TOP - 285 CFM

CLIENT

SAMPLE RESIDENCE
SAMPLE PROJECT

ADDRESS

ANYTOWN, USA

PROJECT

CONTROL4 SMART HOME

PREPARED BY

INTEGRATOR DRAFTWORKS

AV SYSTEM DRAFTING
(505) 527-2959
INTEGRATORDRAFTWORKS.COM
JAMESAVDRAFTING@GMAIL.COM

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DESCRIPTION

AUDIO VISUAL SYSTEMS

SYSTEM SUMMARY

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NETWORK - ARAKNIS	AV-4.1
CAMERAS - LUMA	AV-4.1

ISSUE INFO

DATE ISSUED	2026/10/03
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STATUS

PRELIMINARY

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STATUS CHANGES WITH "ISSUED FOR" BELOW

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☐ CONSTRUCTION	☐ AS-BUILT

SHEET TITLE

RACK ELEVATION
RK-102 AV ROOM 101