AUDIO VISUAL SYSTEMS DRAWINGS

SAMPLE RESIDENCE

ANYTOWN, USA

CONTROL4 SMART HOME

DRAWING INDEX

SHEET	DRAWING TITLE
	GENERAL
AV-0.0	COVER & DRAWING LIST
	FLOOR PLANS
AV-1.0	AV DEVICE PLAN - LOWER LEVEL
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	TYPICAL DISPLAY, TOUCH SCREEN, KEYPAD, DOOR STATION
	SIGNAL FLOW DIAGRAMS
AV-4.0	RACK RK-101
AV-4.1	RACK RK-102
AV-4.2	FIELD - SURROUND ROOMS (1 OF 2)
AV-4.3	FIELD - SURROUND ROOMS (2 OF 2)
AV-4.4	FIELD DEVICES - LOWER LEVEL
AV-4.5	FIELD DEVICES - MAIN LEVEL (1 OF 2)
AV-4.6	FIELD DEVICES - MAIN LEVEL (2 OF 2)
AV-4.7	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
AV-5.4	RACK ELEVATION - RK-102

REVISIONS

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

PROJECT TEAM

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

VIDEO	AUDIO	CONTROL	NETWORK	CAMERAS	SURROUND
BINARY MOIP	**TRIAD**	**CONTROL4**	**ARAKNIS**	**LUMA**	**SONY**

CLIENT

SAMPLE RESIDENCE
SAMPLE PROJECT

ADDRESS

ANYTOWN, USA

PROJECT

CONTROL4 SMART HOME

PREPARED BY

INTEGRATOR DRAFTWORKS

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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

FOR CONSTRUCTION

STATUS CHANGES WITH "ISSUED FOR" BELOW

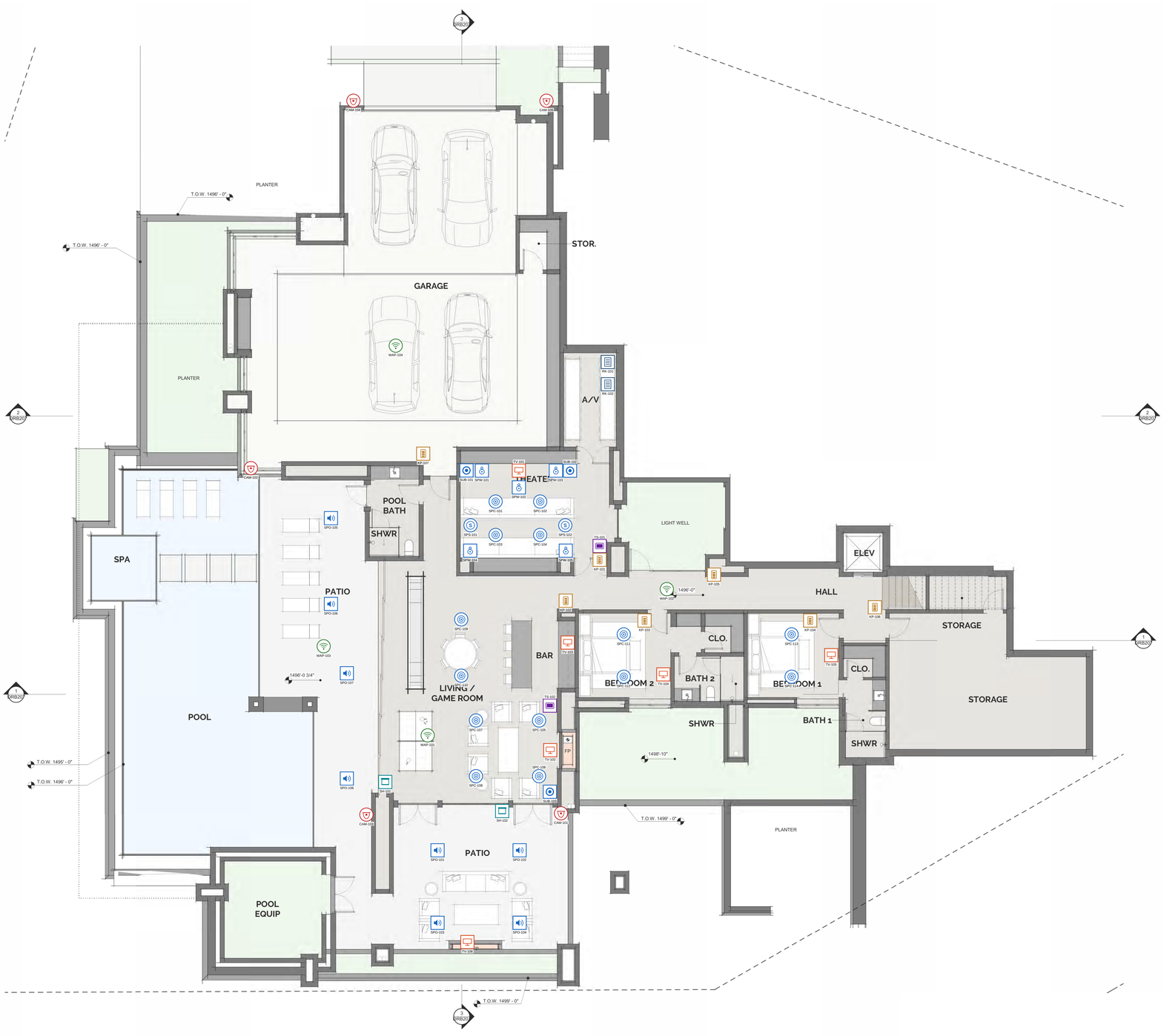
ISSUED FOR

- ☐ REVIEW
- ☐ COORDINATION
- ☒ CONSTRUCTION
- ☐ AS-BUILT

SHEET TITLE

DRAWING LIST

AV - 0.0



AV EQUIPMENT LEGEND

SYMBOL	TAG	DESCRIPTION	MODEL	MOUNTING
	SPC-1nn (14)	IN-CEILING LOUDSPEAKER 6.5 IN.	TRIAD TS-IC63	CEILING, FLUSH
	SPW-1nn (5)	IN-WALL LOUDSPEAKER (LCR / SURROUND)	TRIAD TS-PDX-IW64-LCR	IN WALL, FLUSH
	SPS-1nn (2)	IN-CEILING LOUDSPEAKER 6.5 IN. (SIDE SURROUND)	TRIAD TS-IC63	CEILING, FLUSH
	SUB-1nn (3)	SUBWOOFER	TRIAD - VERIFY MODEL	FLOOR / IN WALL
	SPO-1nn (8)	OUTDOOR LOUDSPEAKER 6.5 IN.	TRIAD TS-OD26	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-T5IW8	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-I	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

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.

CLIENT

SAMPLE RESIDENCE
SAMPLE PROJECT

ADDRESS

ANYTOWN, USA

PROJECT

CONTROL4 SMART HOME

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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

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FOR CONSTRUCTION

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ISSUED FOR

- [ ] REVIEW
- [ ] COORDINATION
- [x] CONSTRUCTION
- [ ] AS-BUILT

SHEET TITLE

AV DEVICE PLAN
LOWER LEVEL

AV - 1.0



AV EQUIPMENT LEGEND

SYMBOL	TAG	DESCRIPTION	MODEL	MOUNTING
	SPC-2nn (20)	IN-CEILING LOUDSPEAKER 6.5 IN.	TRIAD TS-IC63	CEILING, FLUSH
	SUB-2nn (1)	SUBWOOFER	TRIAD - VERIFY MODEL	FLOOR / IN WALL
	SPO-2nn (6)	OUTDOOR LOUDSPEAKER 6.5 IN.	TRIAD TS-OD26	SURFACE, UNDER EAVE / LANDSCAPE
	TV-2nn (5)	FLAT PANEL DISPLAY (OFE)	OWNER FURNISHED	WALL, TILT MOUNT
	TS-2nn (4)	IN-WALL TOUCH SCREEN 8 IN.	CONTROL4 C4-TSW8	WALL, 54" AFF TO CENTER
	KP-2nn (13)	LUX KEYPAD DIMMER (WIRELESS)	CONTROL4 C4-L-KDS	WALL, 48" AFF TO CENTER
	SH-2nn (6)	MOTORIZED ROLLER SHADE	BY SHADE VENDOR	WINDOW HEAD POCKET
	WAP-2nn (5)	WI-FI 7 ACCESS POINT	ARAKNIS AN-830-AP-I	CEILING
	CAM-2nn (6)	IP TURRET CAMERA 8 MP	LUMA LUM-820-IP-TFW	SOFFIT / WALL
	DS-2nn (1)	VIDEO DOOR STATION	CONTROL4 C4-DS2FMKP	WALL, 48" AFF TO CENTER

AV DEVICE PLAN - MAIN LEVEL

0' 2' 4' 8' 16'

1/8"=1'-0"

PLAN NORTH

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.

CLIENT

SAMPLE RESIDENCE
SAMPLE PROJECT

ADDRESS

ANYTOWN, USA

PROJECT

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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

FOR CONSTRUCTION

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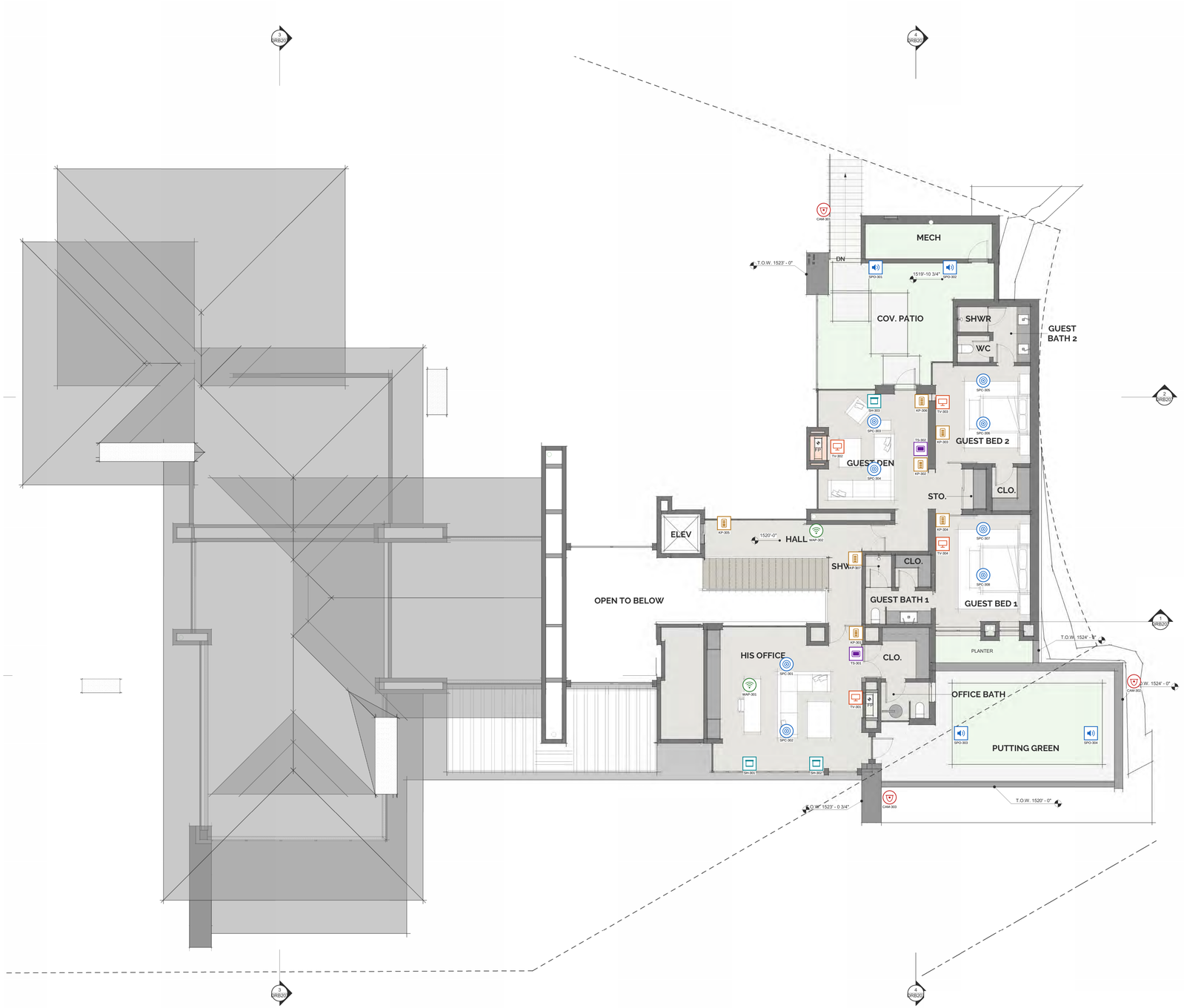
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- ☒ CONSTRUCTION
- ☐ AS-BUILT

SHEET TITLE

AV DEVICE PLAN
MAIN LEVEL

AV - 1.1



AV EQUIPMENT LEGEND

SYMBOL	TAG	DESCRIPTION	MODEL	MOUNTING
	SPC-3nn (8)	IN-CEILING LOUDSPEAKER 6.5 IN.	TRIAD TS-IC63	CEILING, FLUSH
	SPO-3nn (4)	OUTDOOR LOUDSPEAKER 6.5 IN.	TRIAD TS-OD26	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-TSIW8	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	ARAKNIS AN-830-AP-I	CEILING
	CAM-3nn (3)	IP TURRET CAMERA 8 MP	LUMA LUM-820-IP-TFW	SOFFIT / WALL

PLAN NORTH

AV DEVICE PLAN - UPPER 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.

CLIENT

SAMPLE RESIDENCE
SAMPLE PROJECT

ADDRESS

ANYTOWN, USA

PROJECT

CONTROL4 SMART HOME

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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

FOR CONSTRUCTION

STATUS CHANGES WITH "ISSUED FOR" BELOW

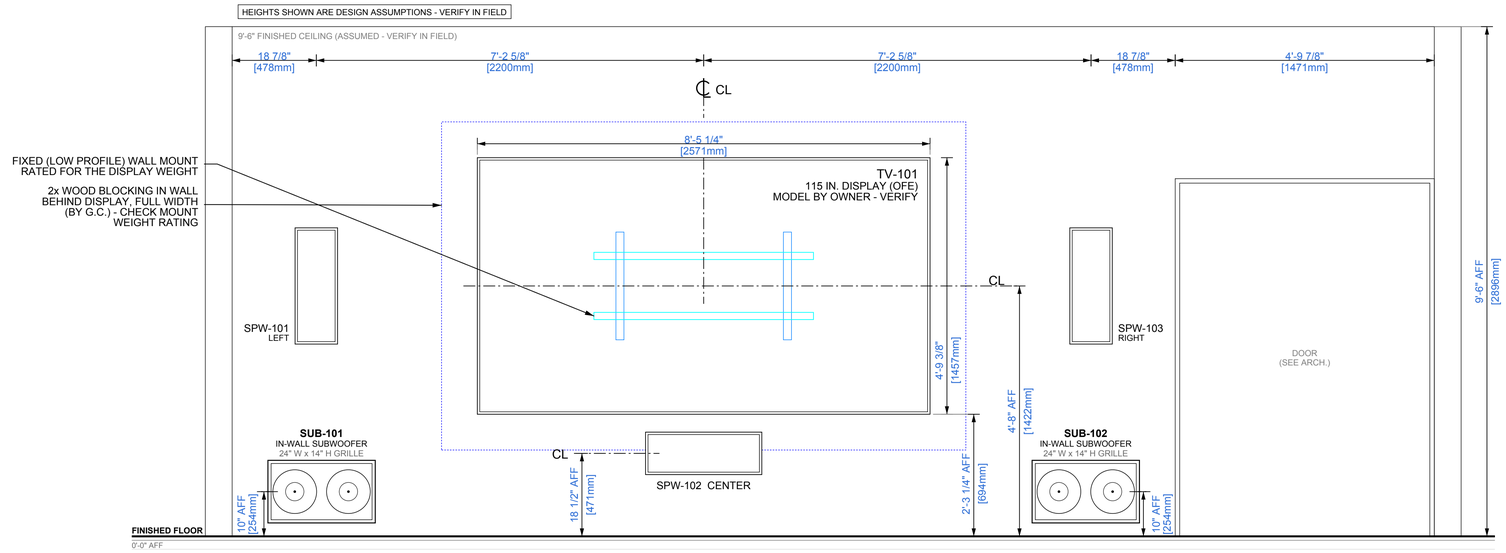
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- ☒ CONSTRUCTION
- ☐ AS-BUILT

SHEET TITLE

AV DEVICE PLAN
UPPER LEVEL

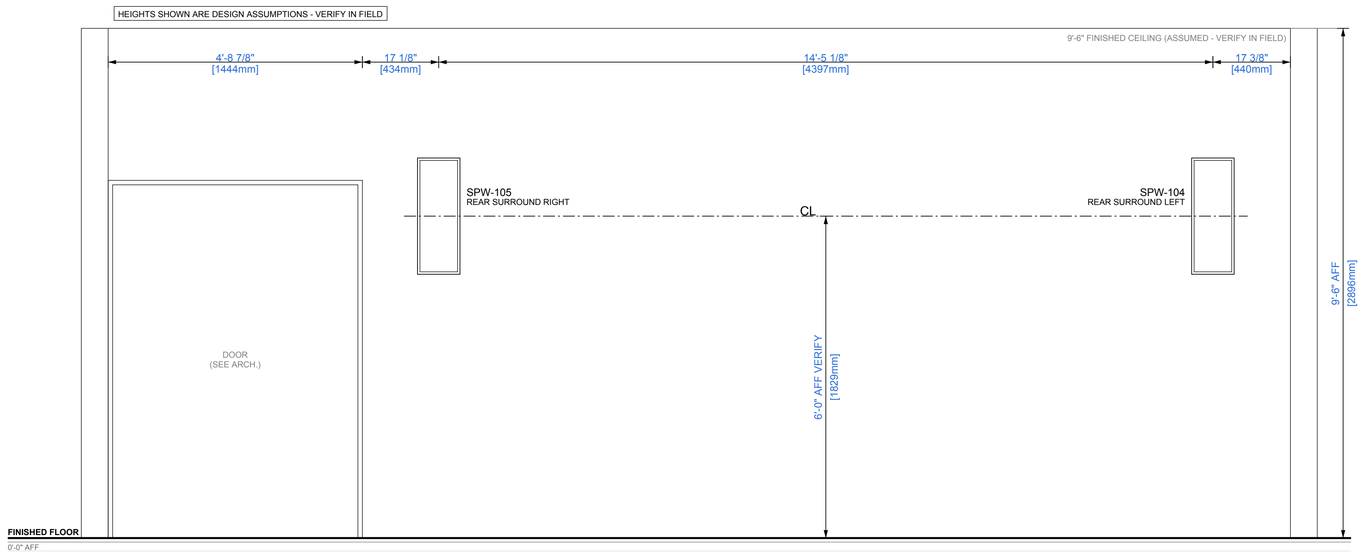
AV - 1.2



1 AV-3.1

THEATER 102 NORTH WALL (SCREEN WALL) - TV-101, SPW-101 TO SPW-103, SUB-101 / SUB-102

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



2 AV-3.1

THEATER 102 SOUTH WALL (REAR) - REAR SURROUNDS SPW-104 / SPW-105

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

CLIENT

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SAMPLE PROJECT

ADDRESS

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PROJECT

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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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FOR CONSTRUCTION

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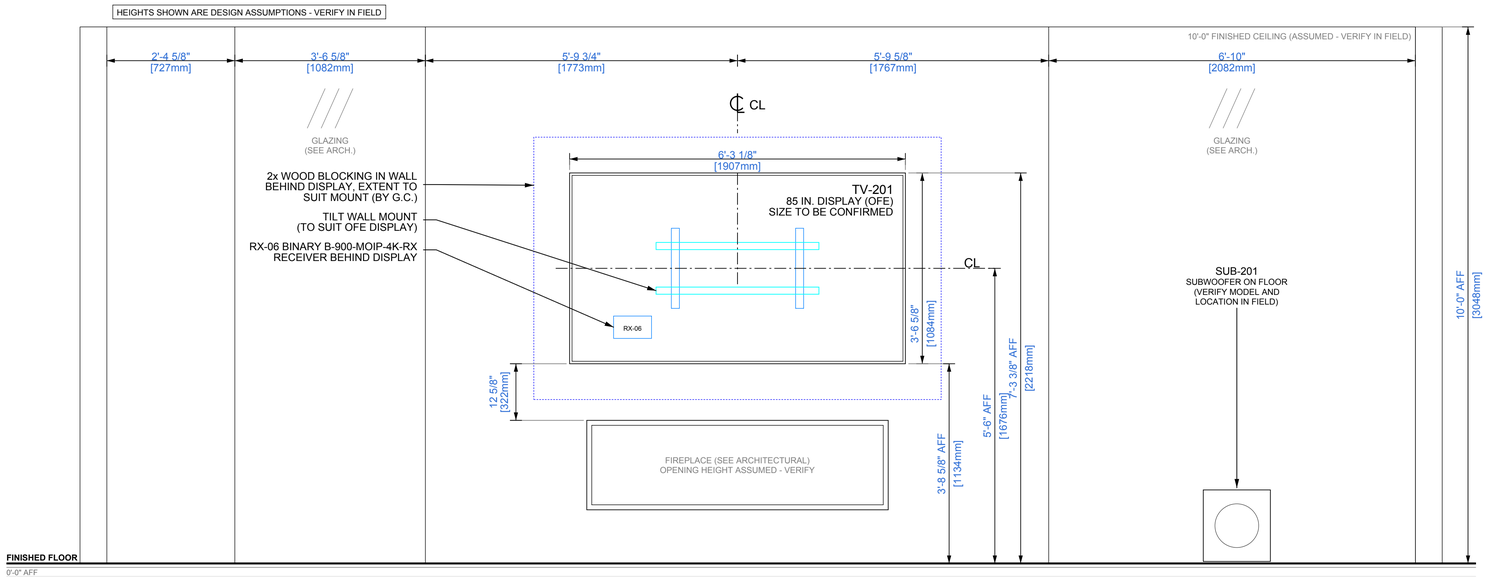
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- [x] CONSTRUCTION
- [ ] AS-BUILT

SHEET TITLE

ELEVATIONS
THEATER 102

AV - 3.1

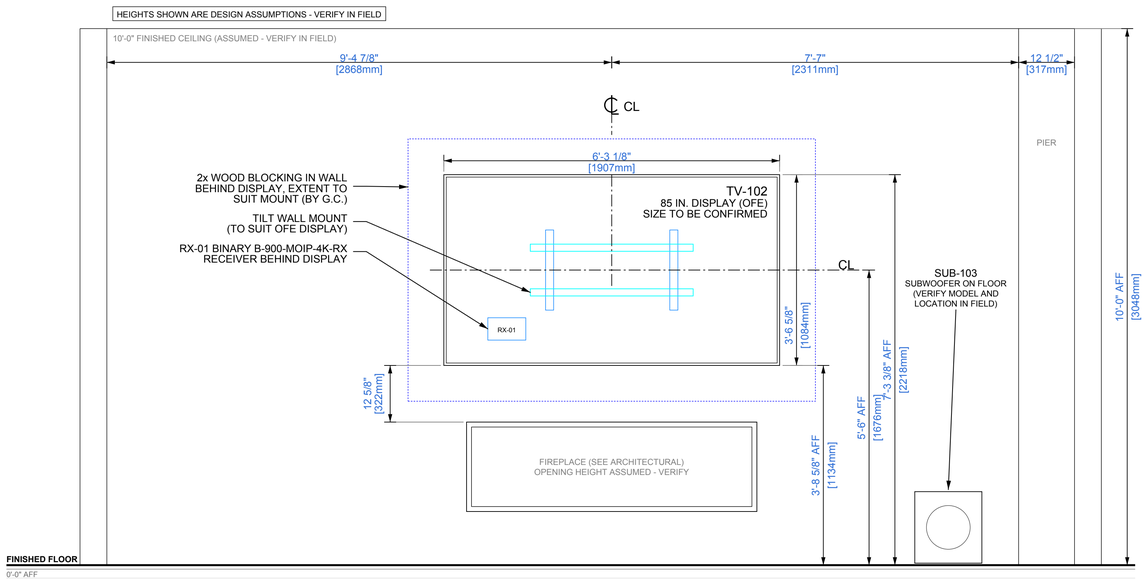


1 GREAT ROOM 201 DISPLAY WALL ABOVE FIREPLACE (EAST) - TV-201, RX-06, SUB-201

AV-3.2

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

SURROUND AND IN-CEILING LOUDSPEAKERS IN THESE ROOMS: SEE AV-1.0, AV-1.1 AND THE SIGNAL FLOW DIAGRAM AV-4.3. THE SURROUND ROOMS ARE FED FROM THE AV RECEIVERS IN RK-101 (AVR-02 GREAT ROOM, AVR-03 GAME ROOM).



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

AV-3.2

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

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
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

FOR CONSTRUCTION

STATUS CHANGES WITH "ISSUED FOR" BELOW

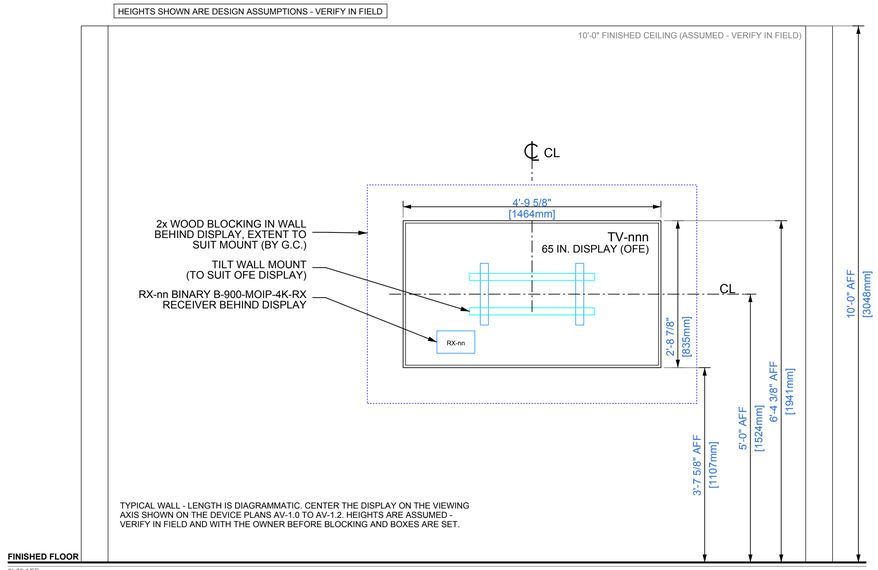
ISSUED FOR

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- [ ] COORDINATION
- [x] CONSTRUCTION
- [ ] AS-BUILT

SHEET TITLE

ELEVATIONS
GREAT ROOM 201 AND
GAME ROOM 103

AV - 3.2



TYPICAL WALL - LENGTH IS DIAGRAMMATIC. CENTER THE DISPLAY ON THE VIEWING AXIS SHOWN ON THE DEVICE PLANS AV-1.0 TO AV-1.2. HEIGHTS ARE ASSUMED - VERIFY IN FIELD AND WITH THE OWNER BEFORE BLOCKING AND BOXES ARE SET.

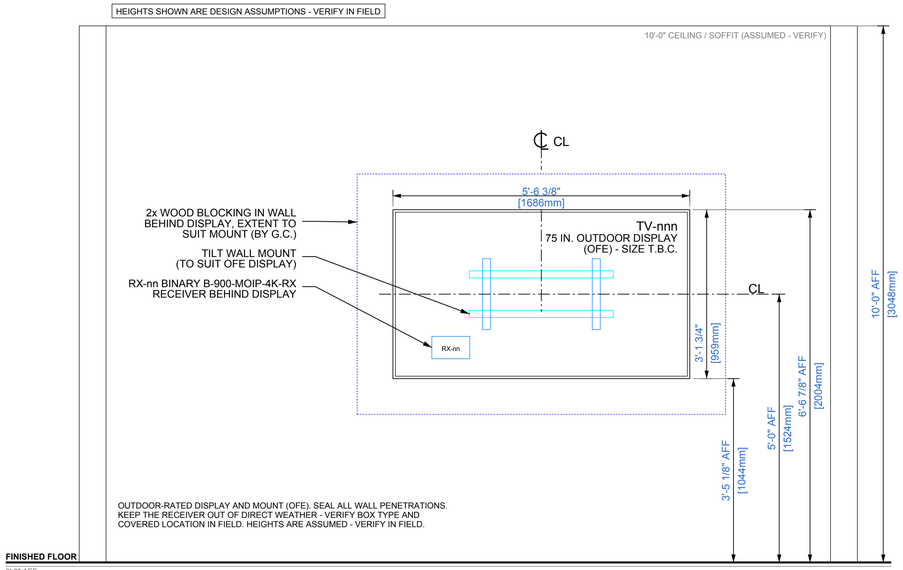
TYPICAL LOCATIONS - 65 IN.		
DISPLAY	**ROOM**	**PLAN**
TV-103	BAR 104	AV-1.0
TV-104	BEDROOM 2 105	AV-1.0
TV-105	BEDROOM 1 106	AV-1.0
TV-202	DEN 205	AV-1.1
TV-203	PRIMARY SUITE 206	AV-1.1
TV-204	HER OFFICE 209	AV-1.1
TV-301	HIS OFFICE 301	AV-1.2
TV-302	GUEST DEN 302	AV-1.2
TV-303	GUEST BED 2 303	AV-1.2
TV-304	GUEST BED 1 304	AV-1.2

EACH DISPLAY: (2) CAT6A + (1) OM3
HOME RUN TO RK-102.
CABLE IDs: SEE CABLE SCHEDULES AV-5.0 TO AV-5.2.

1 TYPICAL 65 IN. DISPLAY WALL - BEDROOMS, OFFICES, DENS, BAR

AV-3.3

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



OUTDOOR-RATED DISPLAY AND MOUNT (OFE). SEAL ALL WALL PENETRATIONS. KEEP THE RECEIVER OUT OF DIRECT WEATHER - VERIFY BOX TYPE AND COVERED LOCATION IN FIELD. HEIGHTS ARE ASSUMED - VERIFY IN FIELD.

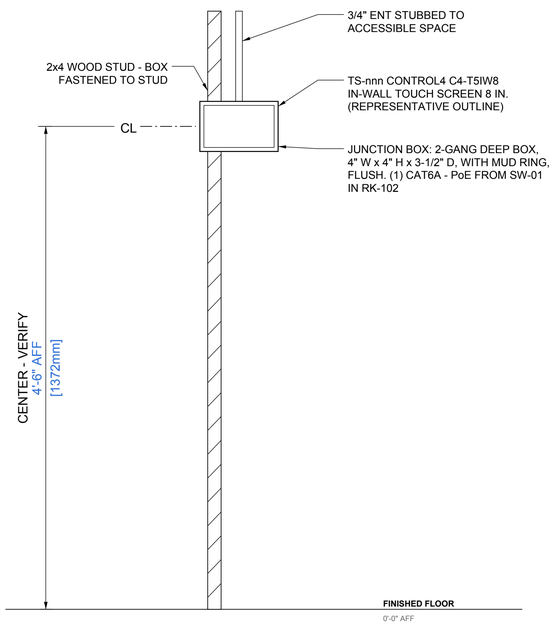
TYPICAL LOCATIONS - 75 IN.	
DISPLAY	**LOCATION**
TV-106	SOUTH PATIO 108
TV-205	OUTDOOR LIVING 210

PLANS: TV-106 AV-1.0, TV-205 AV-1.1

2 TYPICAL OUTDOOR DISPLAY WALL - 75 IN.

AV-3.3

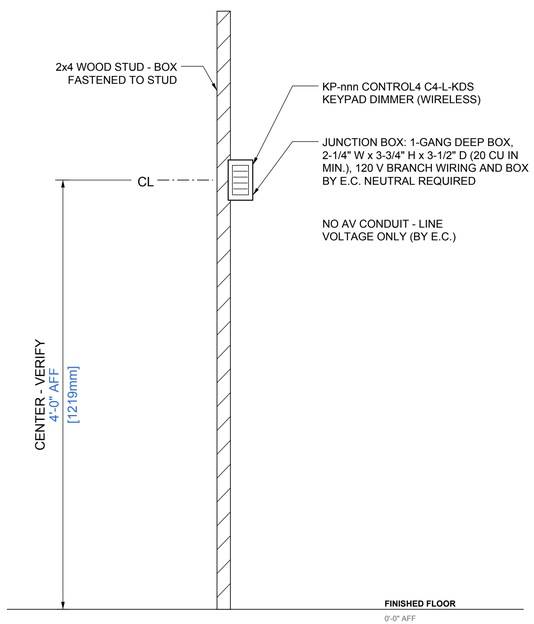
SCALE: 3/4" = 1'-0"



3 TYPICAL TOUCH SCREEN

AV-3.3

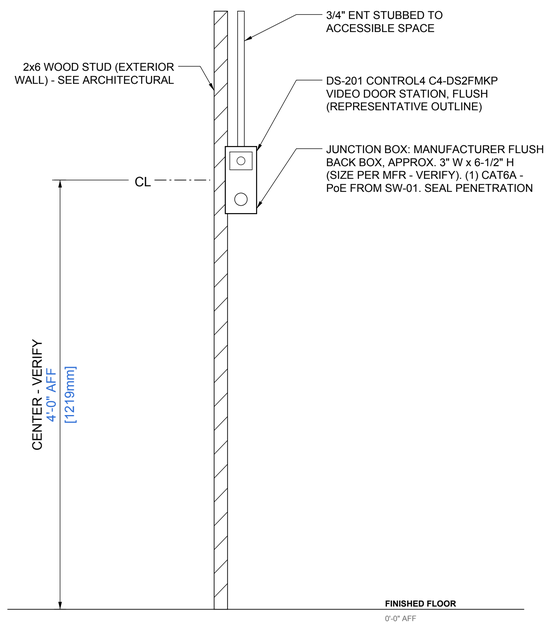
SCALE: 1 1/2" = 1'-0"



4 TYPICAL KEYPAD DIMMER

AV-3.3

SCALE: 1 1/2" = 1'-0"



5 DOOR STATION AT ENTRY - DS-201

AV-3.3

SCALE: 1 1/2" = 1'-0"

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
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

FOR CONSTRUCTION

STATUS CHANGES WITH "ISSUED FOR" BELOW

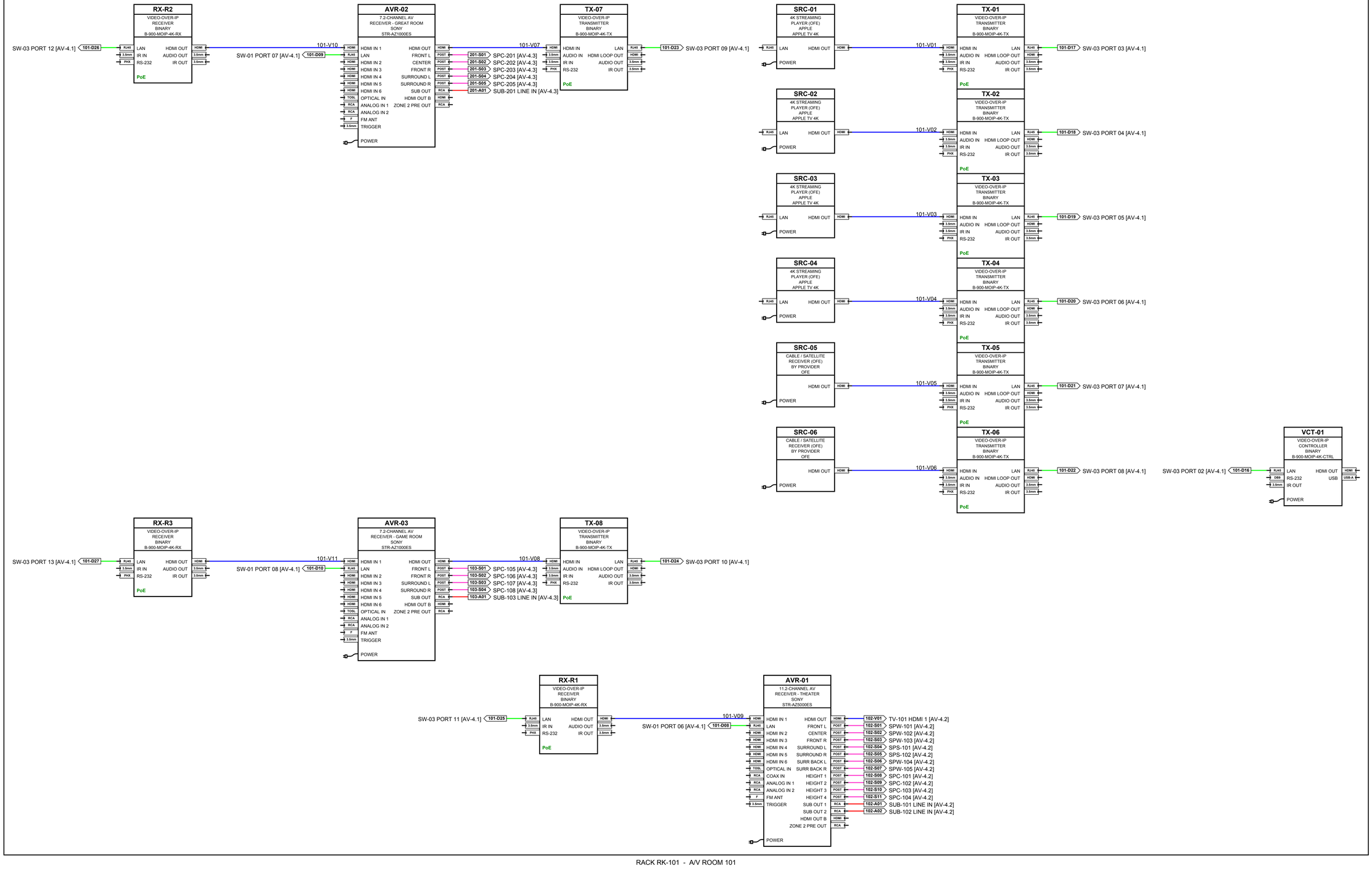
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- ☐ COORDINATION
- ☒ CONSTRUCTION
- ☐ AS-BUILT

SHEET TITLE

ELEVATIONS - TYPICAL DISPLAY WALL, TOUCH SCREEN, KEYPAD, DOOR STATION

AV - 3.3



RACK RK-101 - A/V ROOM 101

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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SAMPLE PROJECT

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

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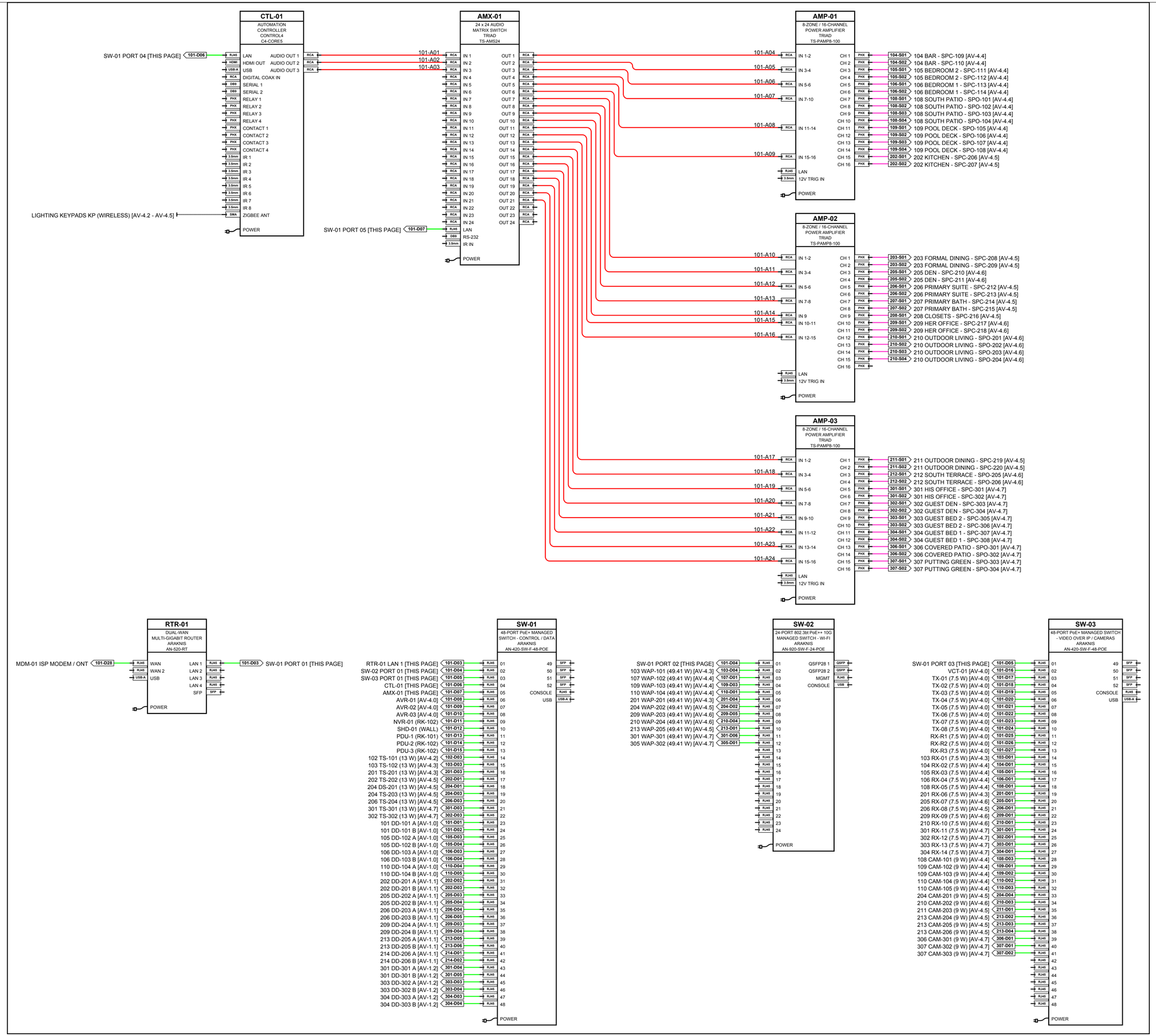
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- [ ] COORDINATION
- [x] CONSTRUCTION
- [ ] AS-BUILT

SHEET TITLE

SIGNAL FLOW DIAGRAM
RACK RK-101

AV - 4.0



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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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

FOR CONSTRUCTION

STATUS CHANGES WITH "ISSUED FOR" BELOW

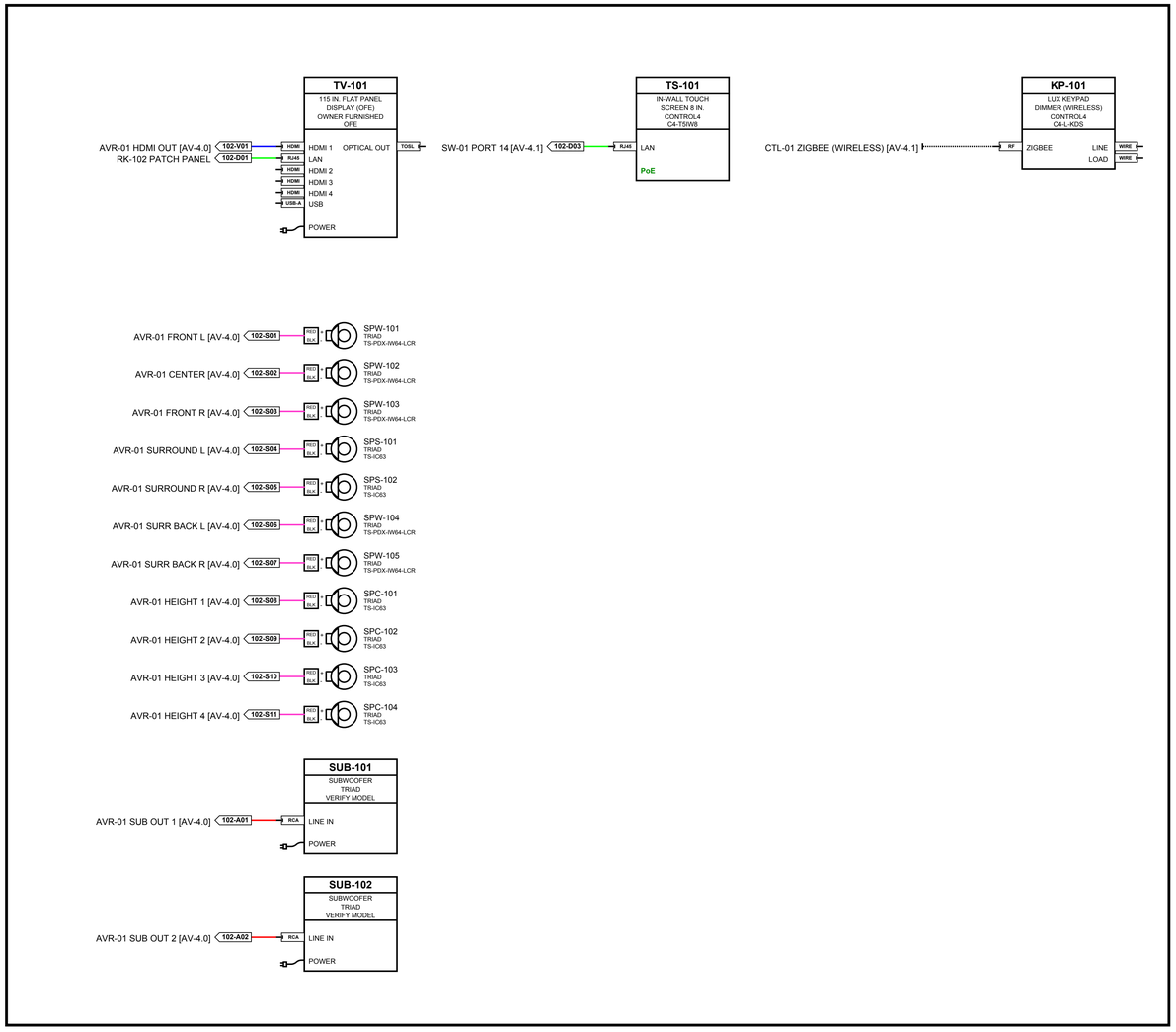
ISSUED FOR

- ☐ REVIEW
- ☐ COORDINATION
- ☒ CONSTRUCTION
- ☐ AS-BUILT

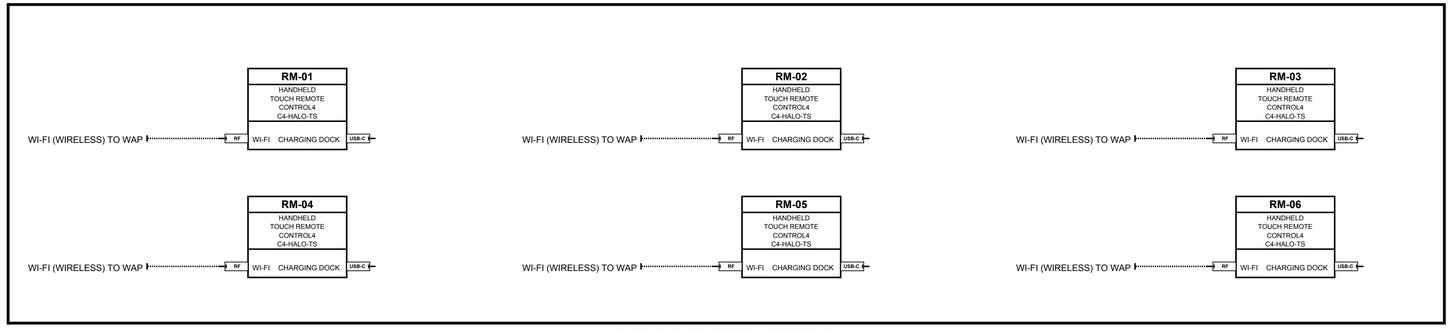
SHEET TITLE

SIGNAL FLOW DIAGRAM
RACK RK-102

AV - 4.1



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

PREPARED BY

INTEGRATOR DRAFTWORKS
AV SYSTEM DRAFTING
(505) 527-2959
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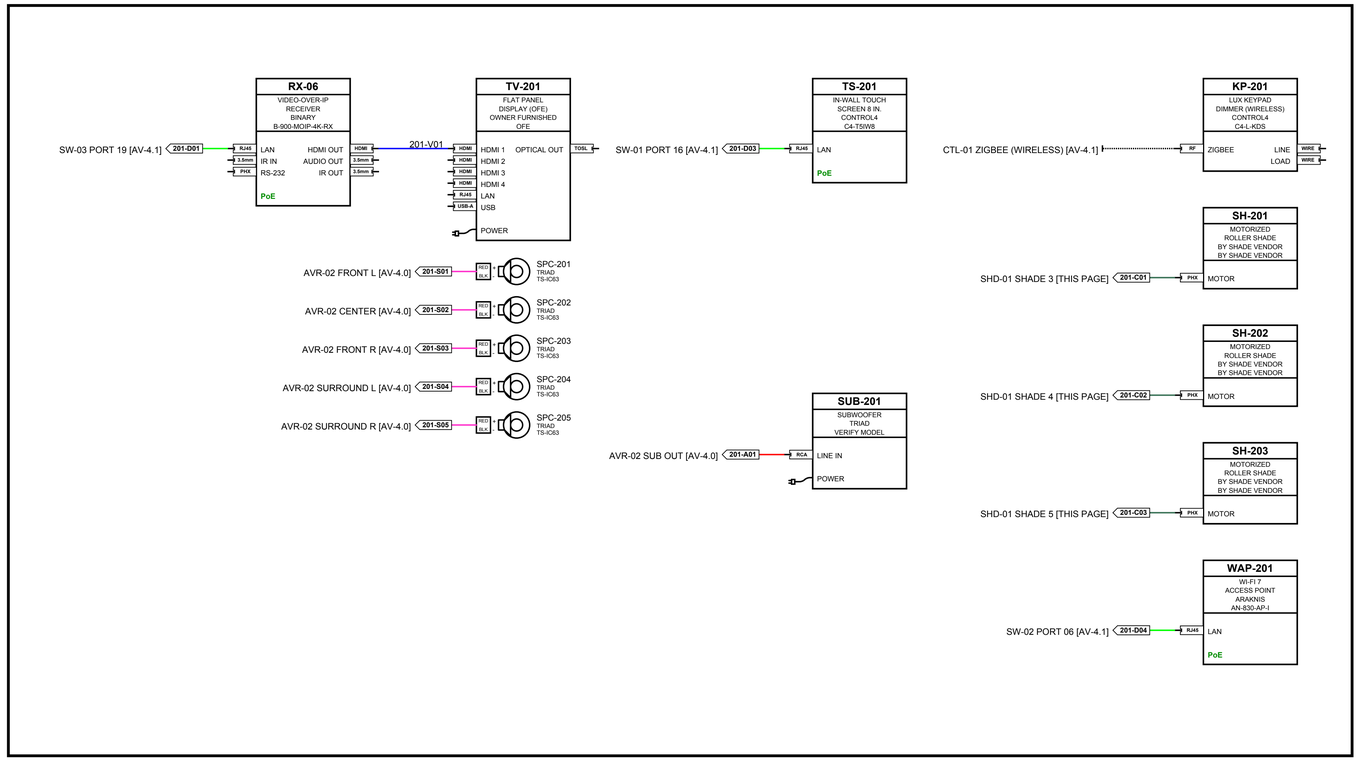
ISSUED FOR

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- ☐ AS-BUILT

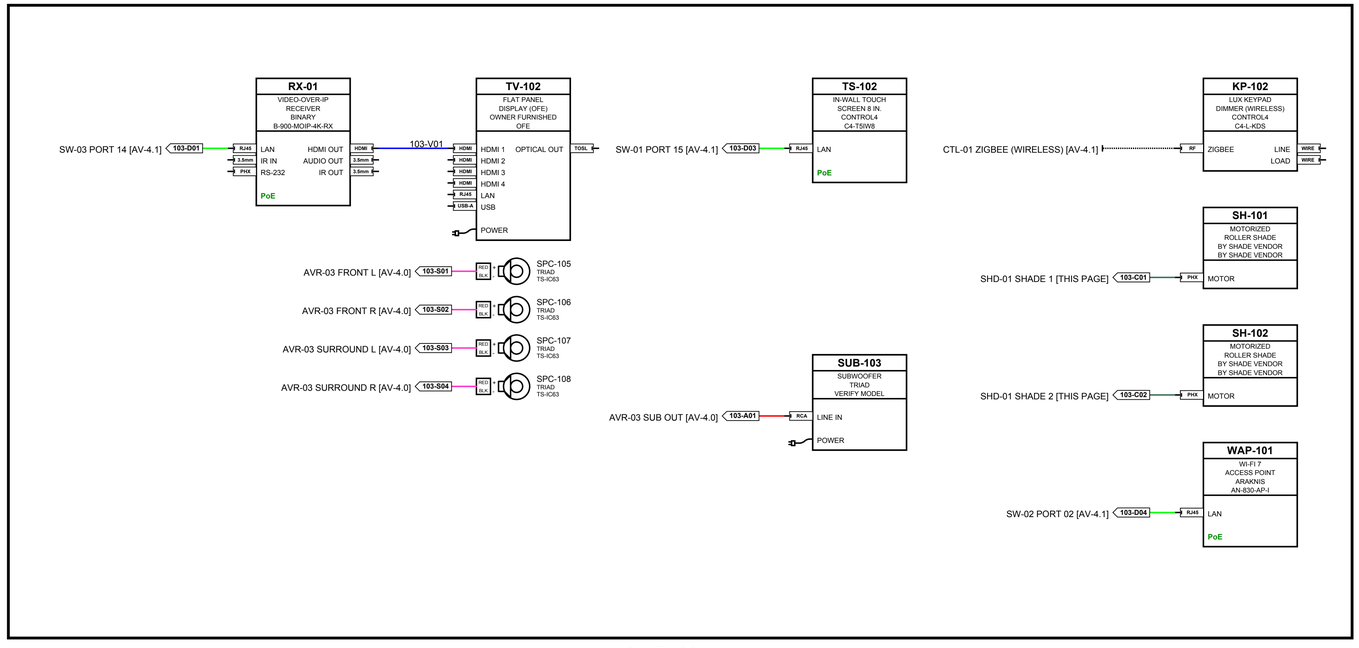
SHEET TITLE

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

AV - 4.2



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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CAMERAS - LUMA	AV-4.1

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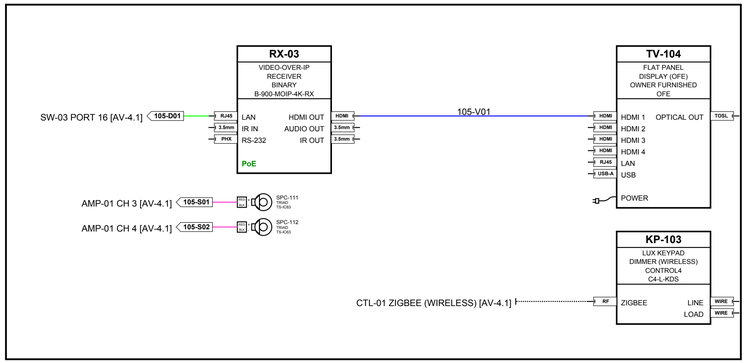
ISSUED FOR

- [ ] REVIEW
- [ ] COORDINATION
- [x] CONSTRUCTION
- [ ] AS-BUILT

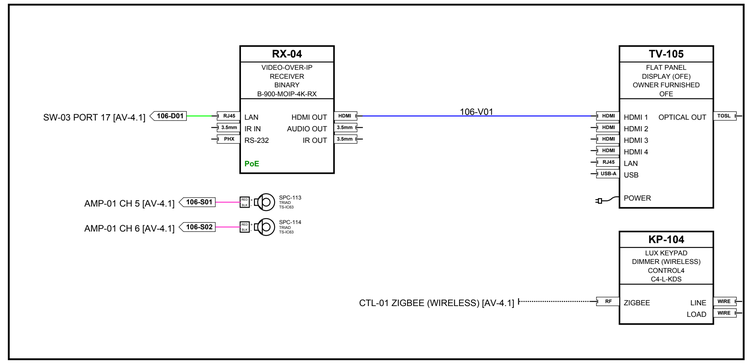
SHEET TITLE

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

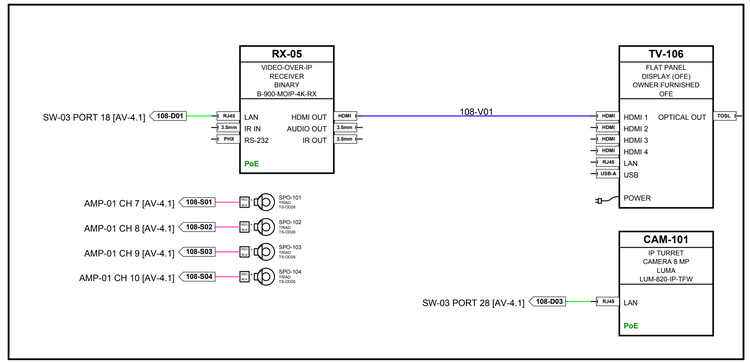
AV - 4.3



BEDROOM 2 105



BEDROOM 1 106



SOUTH PATIO 108

LOWER HALL 107

POOL DECK 109

LOWER GARAGE 110

A/V ROOM 101

BAR 104

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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SAMPLE PROJECT

ADDRESS

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PROJECT

CONTROL4 SMART HOME

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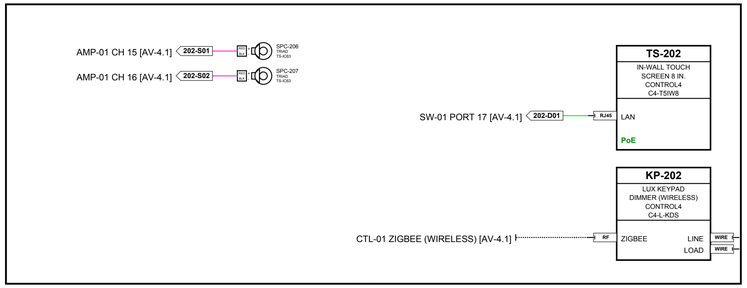
ISSUED FOR

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- ☒ CONSTRUCTION
- ☐ AS-BUILT

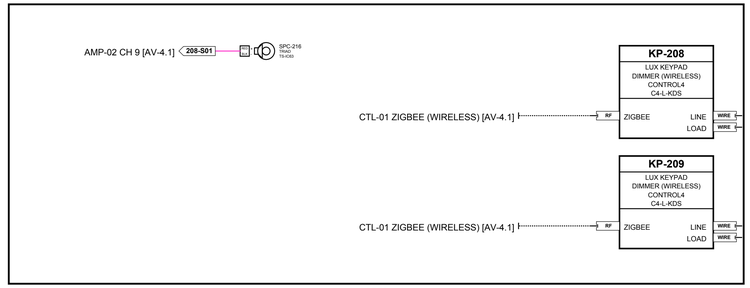
SHEET TITLE

SIGNAL FLOW DIAGRAM
FIELD DEVICES - LOWER LEVEL

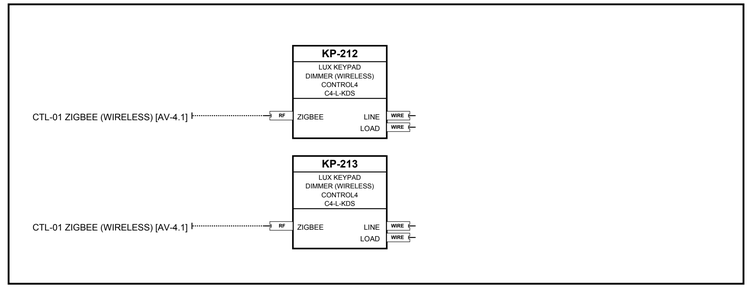
AV - 4.4



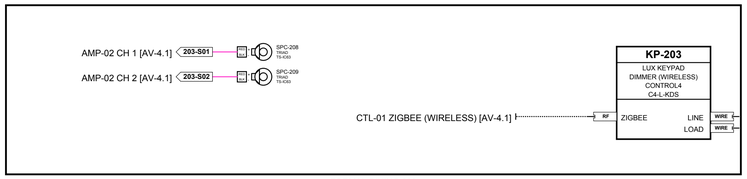
KITCHEN 202



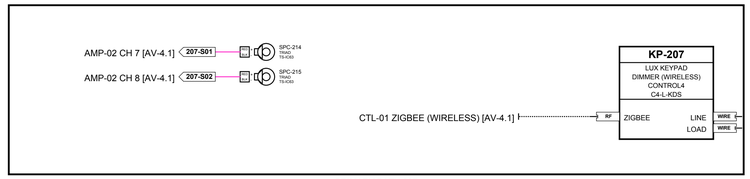
CLOSETS 208



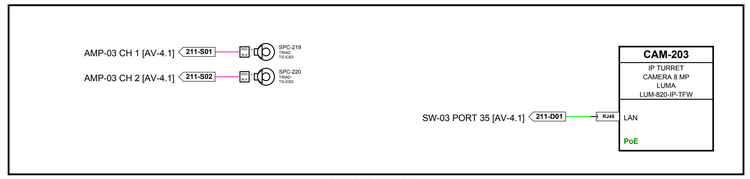
SERVICE 214



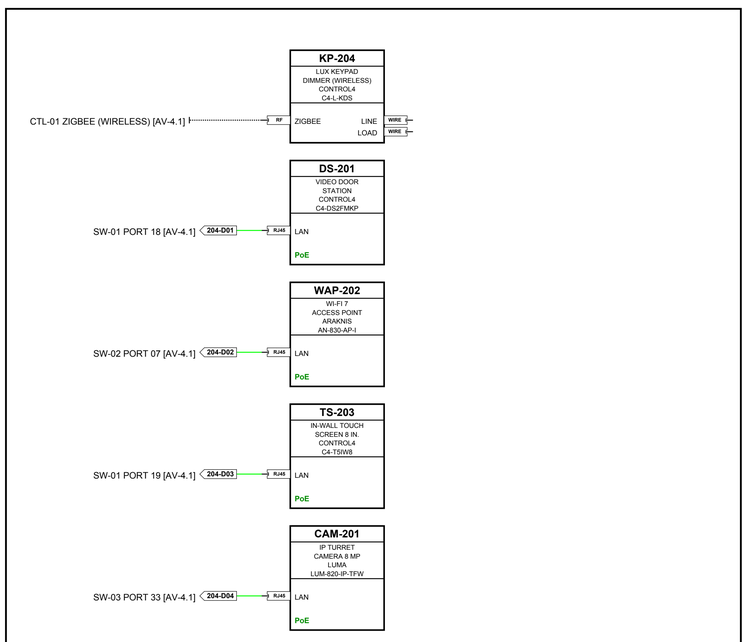
FORMAL DINING 203



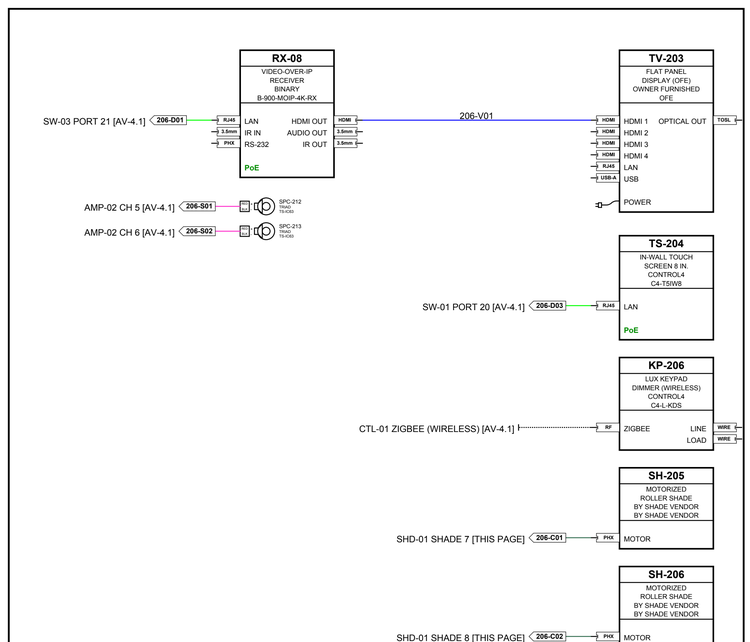
PRIMARY BATH 207



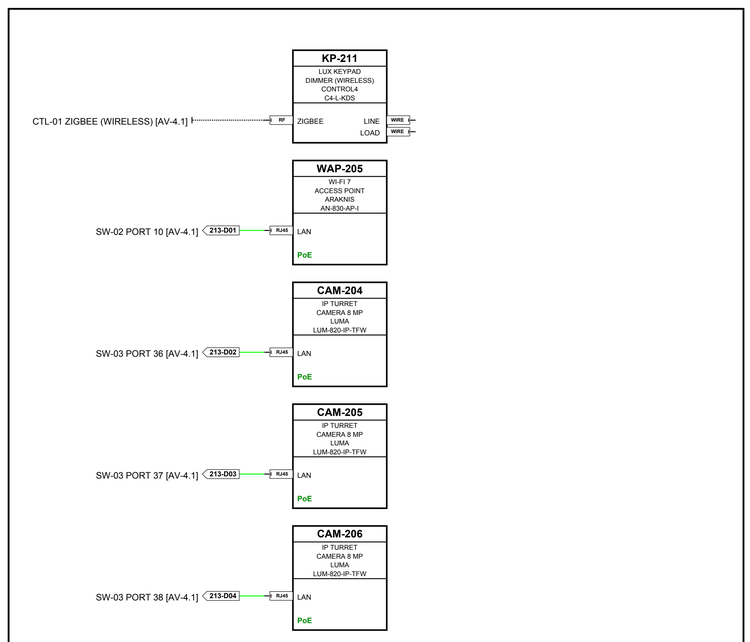
OUTDOOR DINING 211



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

SAMPLE RESIDENCE
SAMPLE PROJECT

ADDRESS

ANYTOWN, USA

PROJECT

CONTROL4 SMART HOME

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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

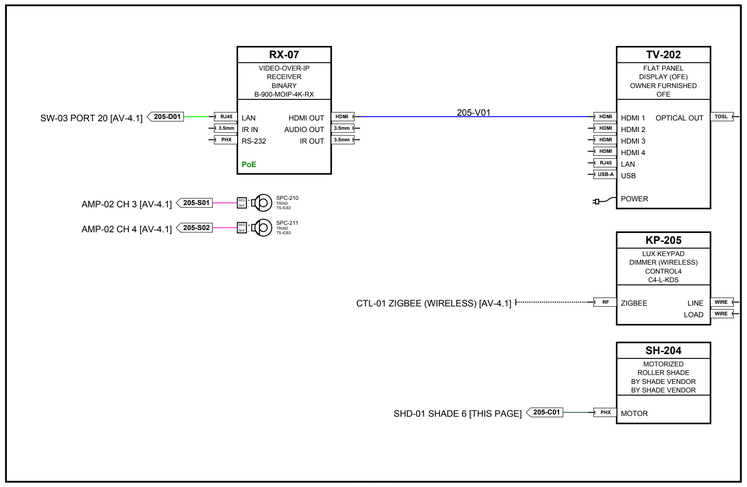
- ☐ REVIEW
- ☐ COORDINATION
- ☒ CONSTRUCTION
- ☐ AS-BUILT

SHEET TITLE

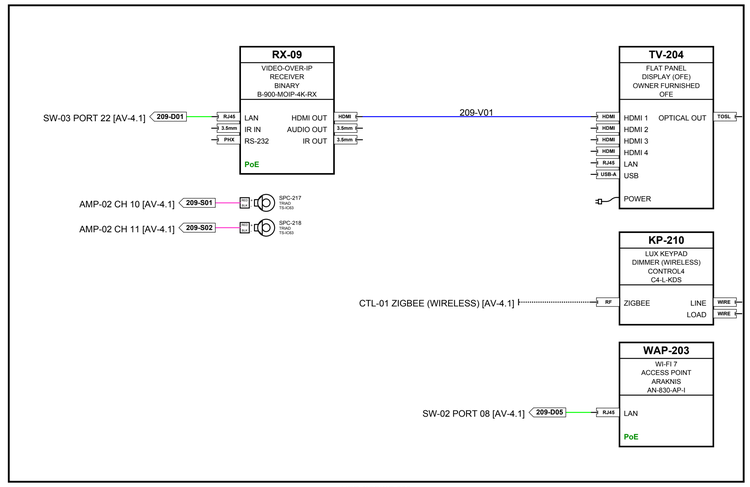
SIGNAL FLOW DIAGRAM
FIELD DEVICES - MAIN LEVEL (1 OF 2)

AV - 4.5

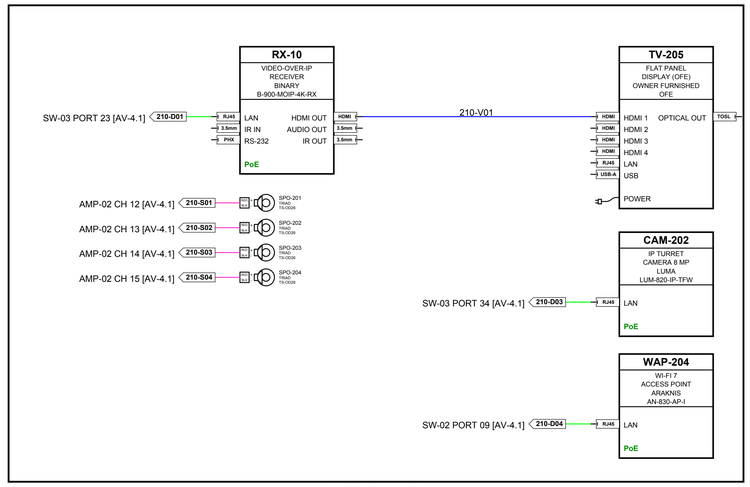
SHEET 13 OF 20



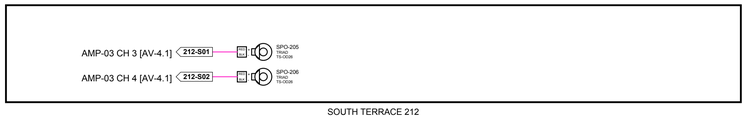
DEN 205



HER OFFICE 209



OUTDOOR LIVING 210



SOUTH TERRACE 212

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

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CAMERAS - LUMA	AV-4.1

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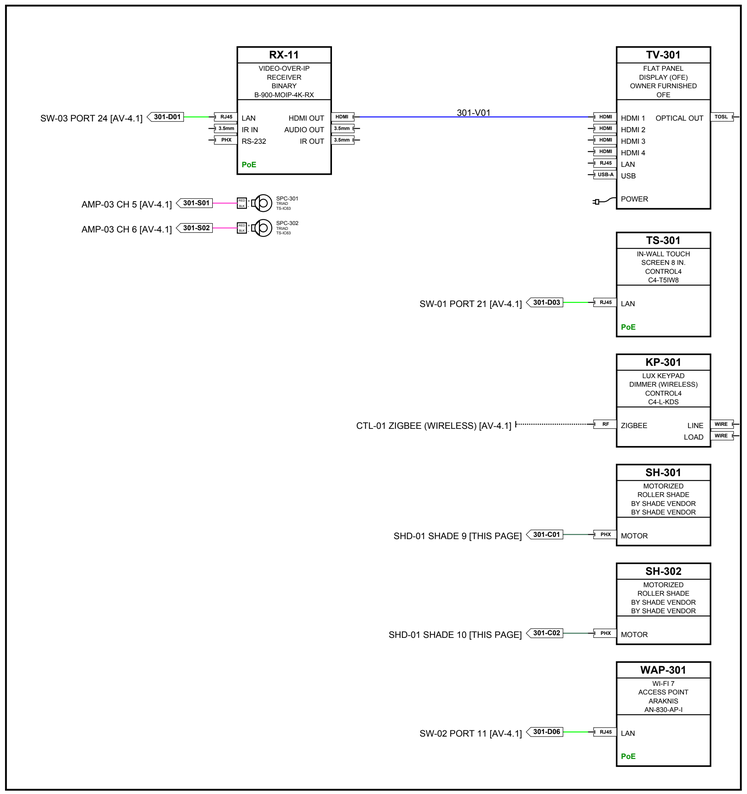
- ☐ REVIEW
- ☐ COORDINATION
- ☒ CONSTRUCTION
- ☐ AS-BUILT

SHEET TITLE

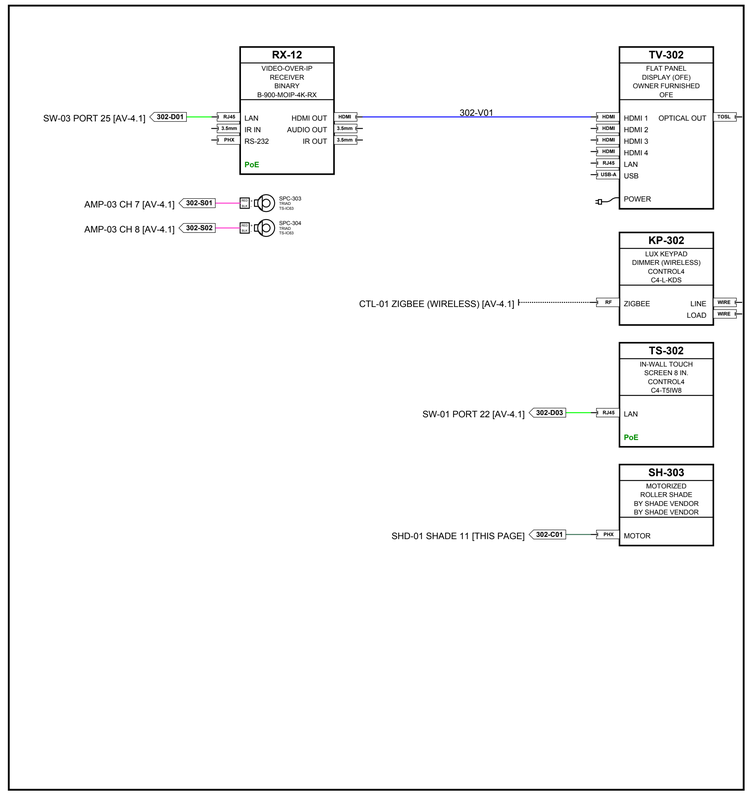
SIGNAL FLOW DIAGRAM
FIELD DEVICES - MAIN LEVEL (2 OF 2)

AV - 4.6

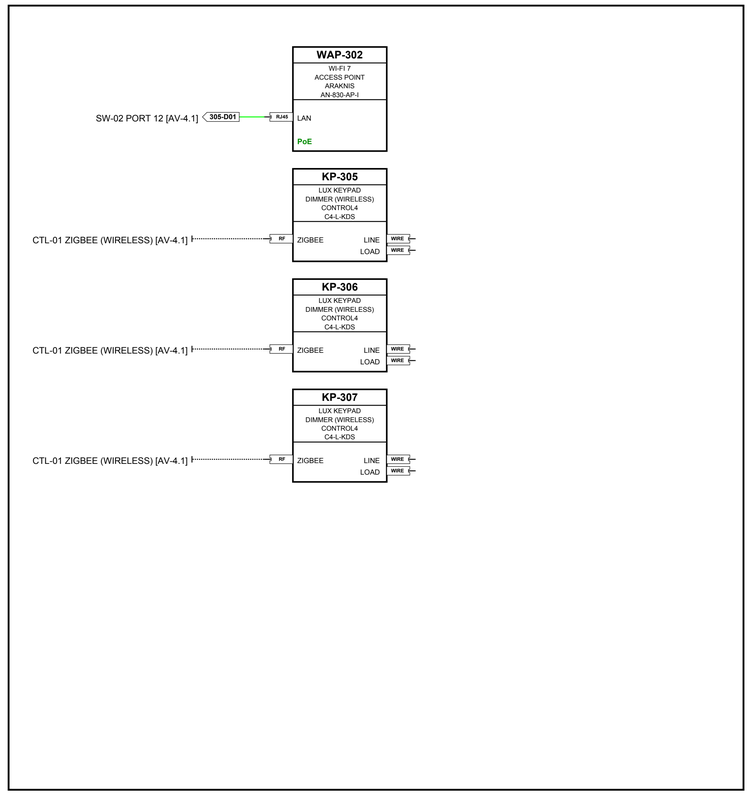
SHEET 14 OF 20



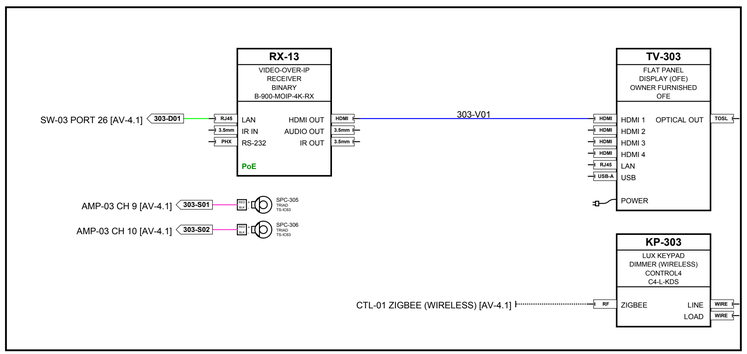
HIS OFFICE 301



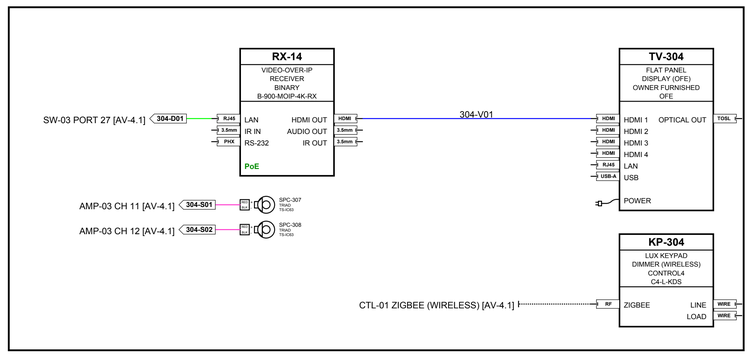
GUEST DEN 302



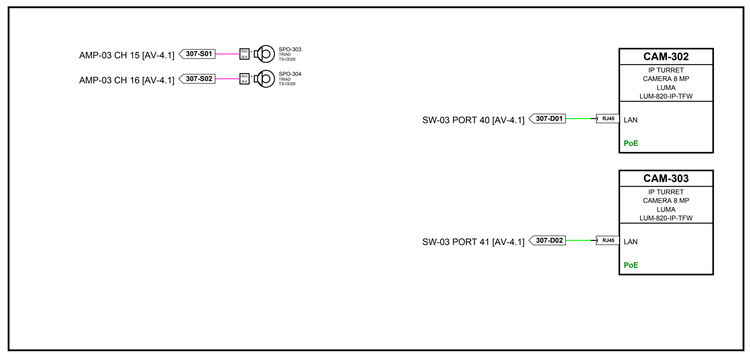
UPPER HALL 305



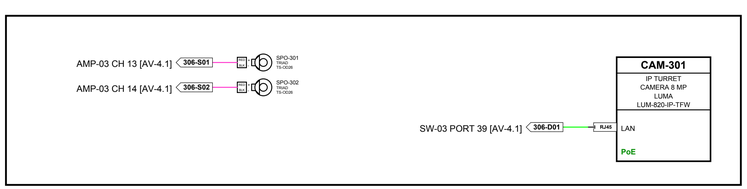
GUEST BED 2 303



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

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

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- [ ] 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

		FROM			TO			
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-F-48-POE	RK-102 A/V ROOM	AMX-01	TRIAD TS-AMS24	RK-102 A/V ROOM	BELDEN 10GXS12 [AV-4.1]
101-D11	CAT6A	SW-01 PORT 09	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	NVR-01	LUMA LUM-221-NVR-16CH	RK-102 A/V ROOM	BELDEN 10GXS12 [AV-4.1]
101-D14	CAT6A	SW-01 PORT 12	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	PDU-2	FURMAN PL-PLUS DMC	RK-102 A/V ROOM	BELDEN 10GXS12 [AV-4.1]
101-D15	CAT6A	SW-01 PORT 13	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	PDU-3	FURMAN PL-PLUS DMC	RK-102 A/V ROOM	BELDEN 10GXS12 [AV-4.1]
101-D28	CAT6A	MDM-01 LAN	BY ISP OFE	RK-102 A/V ROOM	RTR-01 WAN	ARAKNIS AN-520-RT	RK-102 A/V ROOM	BELDEN 10GXS12 [AV-4.1]

DESTINATION: A/V ROOM 101

2 CABLES

		FROM			TO			
CABLE	**TYPE**	**IDENTIFIER**	**SOURCE**	**LOCATION**	**IDENTIFIER**	**DESTINATION**	**LOCATION**	**NOTES**
101-D01	CAT6A	SW-01 PORT 23	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	DD-101 A	GENERIC DUPLEX RJ45	A/V ROOM 101	BELDEN 10GXS12 [AV-4.3]
101-D02	CAT6A	SW-01 PORT 24	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	DD-101 B	GENERIC DUPLEX RJ45	A/V ROOM 101	BELDEN 10GXS12 [AV-4.3]

DESTINATION: A/V ROOM

1 CABLE

		FROM			TO			
CABLE	**TYPE**	**IDENTIFIER**	**SOURCE**	**LOCATION**	**IDENTIFIER**	**DESTINATION**	**LOCATION**	**NOTES**
101-D12	CAT6A	SW-01 PORT 10	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	SHD-01	BY SHADE VENDOR BY SHADE VENDOR	A/V ROOM	BELDEN 10GXS12 [AV-4.4]

DESTINATION: THEATER 102

17 CABLES

		FROM			TO			
CABLE	**TYPE**	**IDENTIFIER**	**SOURCE**	**LOCATION**	**IDENTIFIER**	**DESTINATION**	**LOCATION**	**NOTES**
102-V01	HDMI AOC	AVR-01 HDMI OUT	SONY STR-AZ5000ES	RK-101 A/V ROOM	TV-101	OWNER FURNISHED OFE	THEATER 102	AUDIOQUEST CHERRY COLA 48 [AV-4.2]
102-A01	LINE	AVR-01 SUB OUT	SONY STR-AZ5000ES	RK-101 A/V ROOM	SUB-101	TRIAD VERIFY MODEL	THEATER 102	BELDEN 9451 [AV-4.2]
102-A02	LINE	AVR-01 SUB OUT	SONY STR-AZ5000ES	RK-101 A/V ROOM	SUB-102	TRIAD VERIFY MODEL	THEATER 102	BELDEN 9451 [AV-4.2]
102-D01	CAT6A	PATCH PANEL	CAT6A PATCH PANEL	RK-102 A/V ROOM	TV-101	OWNER FURNISHED OFE	THEATER 102	BELDEN 10GXS12 [AV-4.2]
102-D02	CAT6A	PATCH PANEL (SPARE)	CAT6A PATCH PANEL	RK-102 A/V ROOM	TV-101 SPARE	OWNER FURNISHED OFE	THEATER 102	BELDEN 10GXS12 [AV-4.2]
102-D03	CAT6A	SW-01 PORT 14	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	TS-101	CONTROL4 C4-T5IW8	THEATER 102	BELDEN 10GXS12 [AV-4.2]
102-S01	14/2	AVR-01	SONY STR-AZ5000ES	RK-101 A/V ROOM	SPW-101	TRIAD TS-PDX-IW64-LCR	THEATER 102	BELDEN 5100UE [AV-4.2]
102-S02	14/2	AVR-01	SONY STR-AZ5000ES	RK-101 A/V ROOM	SPW-102	TRIAD TS-PDX-IW64-LCR	THEATER 102	BELDEN 5100UE [AV-4.2]
102-S03	14/2	AVR-01	SONY STR-AZ5000ES	RK-101 A/V ROOM	SPW-103	TRIAD TS-PDX-IW64-LCR	THEATER 102	BELDEN 5100UE [AV-4.2]
102-S04	14/2	AVR-01	SONY STR-AZ5000ES	RK-101 A/V ROOM	SPS-101	TRIAD TS-IC63	THEATER 102	BELDEN 5100UE [AV-4.2]
102-S05	14/2	AVR-01	SONY STR-AZ5000ES	RK-101 A/V ROOM	SPS-102	TRIAD TS-IC63	THEATER 102	BELDEN 5100UE [AV-4.2]
102-S06	14/2	AVR-01	SONY STR-AZ5000ES	RK-101 A/V ROOM	SPW-104	TRIAD TS-PDX-IW64-LCR	THEATER 102	BELDEN 5100UE [AV-4.2]
102-S07	14/2	AVR-01	SONY STR-AZ5000ES	RK-101 A/V ROOM	SPW-105	TRIAD TS-PDX-IW64-LCR	THEATER 102	BELDEN 5100UE [AV-4.2]
102-S08	14/2	AVR-01	SONY STR-AZ5000ES	RK-101 A/V ROOM	SPC-101	TRIAD TS-IC63	THEATER 102	BELDEN 5100UE [AV-4.2]
102-S09	14/2	AVR-01	SONY STR-AZ5000ES	RK-101 A/V ROOM	SPC-102	TRIAD TS-IC63	THEATER 102	BELDEN 5100UE [AV-4.2]
102-S10	14/2	AVR-01	SONY STR-AZ5000ES	RK-101 A/V ROOM	SPC-103	TRIAD TS-IC63	THEATER 102	BELDEN 5100UE [AV-4.2]
102-S11	14/2	AVR-01	SONY STR-AZ5000ES	RK-101 A/V ROOM	SPC-104	TRIAD TS-IC63	THEATER 102	BELDEN 5100UE [AV-4.2]

DESTINATION: GAME ROOM 103

13 CABLES

		FROM			TO			
CABLE	**TYPE**	**IDENTIFIER**	**SOURCE**	**LOCATION**	**IDENTIFIER**	**DESTINATION**	**LOCATION**	**NOTES**
103-V01	HDMI	RX-01 HDMI OUT	BINARY B-900-MOIP-4K-RX	GAME ROOM 103	TV-102 HDMI 1	OWNER FURNISHED OFE	GAME ROOM 103	VERIFY MODEL [AV-4.3]
103-A01	LINE	AVR-03 SUB OUT	SONY STR-AZ1000ES	RK-101 A/V ROOM	SUB-103	TRIAD VERIFY MODEL	GAME ROOM 103	BELDEN 9451 [AV-4.3]
103-C01	SHADE	SHD-01	SHADE PANEL	A/V ROOM	SH-101	BY SHADE VENDOR BY SHADE VENDOR	GAME ROOM 103	BY SHADE VENDOR [AV-4.3]
103-C02	SHADE	SHD-01	SHADE PANEL	A/V ROOM	SH-102	BY SHADE VENDOR BY SHADE VENDOR	GAME ROOM 103	BY SHADE VENDOR [AV-4.3]
103-D01	CAT6A	SW-03 PORT 14	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	RX-01	BINARY B-900-MOIP-4K-RX	GAME ROOM 103	BELDEN 10GXS12 [AV-4.3]
103-D02	CAT6A	PATCH PANEL (SPARE)	CAT6A PATCH PANEL	RK-102 A/V ROOM	TV-102 SPARE	OWNER FURNISHED OFE	GAME ROOM 103	BELDEN 10GXS12 [AV-4.3]
103-D03	CAT6A	SW-01 PORT 15	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	TS-102	CONTROL4 C4-T5IW8	GAME ROOM 103	BELDEN 10GXS12 [AV-4.3]
103-D04	CAT6A	SW-02 PORT 02	ARAKNIS AN-920-SW-F-24-POE	RK-102 A/V ROOM	WAP-101	ARAKNIS AN-830-AP-I	GAME ROOM 103	BELDEN 10GXS12 [AV-4.3]
103-F01	OM3	FIBER PANEL (SPARE)	LC FIBER PANEL	RK-102 A/V ROOM	TV-102 SPARE	OWNER FURNISHED OFE	GAME ROOM 103	BELDEN FP3LDLD (LENGTH TO SUIT) [AV-4.3]
103-S01	14/2	AVR-03	SONY STR-AZ1000ES	RK-101 A/V ROOM	SPC-105	TRIAD TS-IC63	GAME ROOM 103	BELDEN 5100UE [AV-4.3]
103-S02	14/2	AVR-03	SONY STR-AZ1000ES	RK-101 A/V ROOM	SPC-106	TRIAD TS-IC63	GAME ROOM 103	BELDEN 5100UE [AV-4.3]
103-S03	14/2	AVR-03	SONY STR-AZ1000ES	RK-101 A/V ROOM	SPC-107	TRIAD TS-IC63	GAME ROOM 103	BELDEN 5100UE [AV-4.3]
103-S04	14/2	AVR-03	SONY STR-AZ1000ES	RK-101 A/V ROOM	SPC-108	TRIAD TS-IC63	GAME ROOM 103	BELDEN 5100UE [AV-4.3]

DESTINATION: BAR 104

6 CABLES

		FROM			TO			
CABLE	**TYPE**	**IDENTIFIER**	**SOURCE**	**LOCATION**	**IDENTIFIER**	**DESTINATION**	**LOCATION**	**NOTES**
104-V01	HDMI	RX-02 HDMI OUT	BINARY B-900-MOIP-4K-RX	BAR 104	TV-103 HDMI 1	OWNER FURNISHED OFE	BAR 104	VERIFY MODEL [AV-4.4]
104-D01	CAT6A	SW-03 PORT 15	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	RX-02	BINARY B-900-MOIP-4K-RX	BAR 104	BELDEN 10GXS12 [AV-4.4]
104-D02	CAT6A	PATCH PANEL (SPARE)	CAT6A PATCH PANEL	RK-102 A/V ROOM	TV-103 SPARE	OWNER FURNISHED OFE	BAR 104	BELDEN 10GXS12 [AV-4.4]
104-F01	OM3	FIBER PANEL (SPARE)	LC FIBER PANEL	RK-102 A/V ROOM	TV-103 SPARE	OWNER FURNISHED OFE	BAR 104	BELDEN FP3LDLD (LENGTH TO SUIT) [AV-4.4]
104-S01	14/2	AMP-01 CH 1	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	SPC-109	TRIAD TS-IC63	BAR 104	BELDEN 5100UE [AV-4.4]
104-S02	14/2	AMP-01 CH 2	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	SPC-110	TRIAD TS-IC63	BAR 104	BELDEN 5100UE [AV-4.4]

DESTINATION: BEDROOM 2 105

8 CABLES

		FROM			TO			
CABLE	**TYPE**	**IDENTIFIER**	**SOURCE**	**LOCATION**	**IDENTIFIER**	**DESTINATION**	**LOCATION**	**NOTES**
105-V01	HDMI	RX-03 HDMI OUT	BINARY B-900-MOIP-4K-RX	BEDROOM 2 105	TV-104 HDMI 1	OWNER FURNISHED OFE	BEDROOM 2 105	VERIFY MODEL [AV-4.4]
105-D01	CAT6A	SW-03 PORT 16	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	RX-03	BINARY B-900-MOIP-4K-RX	BEDROOM 2 105	BELDEN 10GXS12 [AV-4.4]
105-D02	CAT6A	PATCH PANEL (SPARE)	CAT6A PATCH PANEL	RK-102 A/V ROOM	TV-104 SPARE	OWNER FURNISHED OFE	BEDROOM 2 105	BELDEN 10GXS12 [AV-4.4]
105-D03	CAT6A	SW-01 PORT 25	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	DD-102 A	GENERIC DUPLEX RJ45	BEDROOM 2 105	BELDEN 10GXS12 [AV-4.3]
105-D04	CAT6A	SW-01 PORT 26	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	DD-102 B	GENERIC DUPLEX RJ45	BEDROOM 2 105	BELDEN 10GXS12 [AV-4.3]
105-F01	OM3	FIBER PANEL (SPARE)	LC FIBER PANEL	RK-102 A/V ROOM	TV-104 SPARE	OWNER FURNISHED OFE	BEDROOM 2 105	BELDEN FP3LDLD (LENGTH TO SUIT) [AV-4.4]
105-S01	14/2	AMP-01 CH 3	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	SPC-111	TRIAD TS-IC63	BEDROOM 2 105	BELDEN 5100UE [AV-4.4]
105-S02	14/2	AMP-01 CH 4	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	SPC-112	TRIAD TS-IC63	BEDROOM 2 105	BELDEN 5100UE [AV-4.4]

DESTINATION: BEDROOM 1 106

8 CABLES

		FROM			TO			
CABLE	**TYPE**	**IDENTIFIER**	**SOURCE**	**LOCATION**	**IDENTIFIER**	**DESTINATION**	**LOCATION**	**NOTES**
106-V01	HDMI	RX-04 HDMI OUT	BINARY B-900-MOIP-4K-RX	BEDROOM 1 106	TV-105 HDMI 1	OWNER FURNISHED OFE	BEDROOM 1 106	VERIFY MODEL [AV-4.4]
106-D01	CAT6A	SW-03 PORT 17	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	RX-04	BINARY B-900-MOIP-4K-RX	BEDROOM 1 106	BELDEN 10GXS12 [AV-4.4]
106-D02	CAT6A	PATCH PANEL (SPARE)	CAT6A PATCH PANEL	RK-102 A/V ROOM	TV-105 SPARE	OWNER FURNISHED OFE	BEDROOM 1 106	BELDEN 10GXS12 [AV-4.4]
106-D03	CAT6A	SW-01 PORT 27	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	DD-103 A	GENERIC DUPLEX RJ45	BEDROOM 1 106	BELDEN 10GXS12 [AV-4.3]
106-D04	CAT6A	SW-01 PORT 28	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	DD-103 B	GENERIC DUPLEX RJ45	BEDROOM 1 106	BELDEN 10GXS12 [AV-4.3]
106-F01	OM3	FIBER PANEL (SPARE)	LC FIBER PANEL	RK-102 A/V ROOM	TV-105 SPARE	OWNER FURNISHED OFE	BEDROOM 1 106	BELDEN FP3LDLD (LENGTH TO SUIT) [AV-4.4]
106-S01	14/2	AMP-01 CH 5	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	SPC-113	TRIAD TS-IC63	BEDROOM 1 106	BELDEN 5100UE [AV-4.4]
106-S02	14/2	AMP-01 CH 6	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	SPC-114	TRIAD TS-IC63	BEDROOM 1 106	BELDEN 5100UE [AV-4.4]

DESTINATION: LOWER HALL 107

1 CABLE

		FROM			TO			
CABLE	**TYPE**	**IDENTIFIER**	**SOURCE**	**LOCATION**	**IDENTIFIER**	**DESTINATION**	**LOCATION**	**NOTES**
107-D01	CAT6A	SW-02 PORT 03	ARAKNIS AN-920-SW-F-24-POE	RK-102 A/V ROOM	WAP-102	ARAKNIS AN-830-AP-I	LOWER HALL 107	BELDEN 10GXS12 [AV-4.4]

DESTINATION: SOUTH PATIO 108

9 CABLES

		FROM			TO			
CABLE	**TYPE**	**IDENTIFIER**	**SOURCE**	**LOCATION**	**IDENTIFIER**	**DESTINATION**	**LOCATION**	**NOTES**
108-V01	HDMI	RX-05 HDMI OUT	BINARY B-900-MOIP-4K-RX	SOUTH PATIO 108	TV-106 HDMI 1	OWNER FURNISHED OFE	SOUTH PATIO 108	VERIFY MODEL [AV-4.4]
108-D01	CAT6A	SW-03 PORT 18	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	RX-05	BINARY B-900-MOIP-4K-RX	SOUTH PATIO 108	BELDEN 10GXS12 [AV-4.4]
108-D02	CAT6A	PATCH PANEL (SPARE)	CAT6A PATCH PANEL	RK-102 A/V ROOM	TV-106 SPARE	OWNER FURNISHED OFE	SOUTH PATIO 108	BELDEN 10GXS12 [AV-4.4]
108-D03	CAT6A	SW-03 PORT 28	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	CAM-101	LUMA LUM-820-IP-TFW	SOUTH PATIO 108	BELDEN 10GXS12 [AV-4.4]
108-F01	OM3	FIBER PANEL (SPARE)	LC FIBER PANEL	RK-102 A/V ROOM	TV-106 SPARE	OWNER FURNISHED OFE	SOUTH PATIO 108	BELDEN FP3LDLD (LENGTH TO SUIT) [AV-4.4]
108-S01	14/2 DB	AMP-01 CH 7	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	SPO-101	TRIAD TS-OD26	SOUTH PATIO 108	WEST PENN AQC226 [AV-4.4]
108-S02	14/2 DB	AMP-01 CH 8	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	SPO-102	TRIAD TS-OD26	SOUTH PATIO 108	WEST PENN AQC226 [AV-4.4]
108-S03	14/2 DB	AMP-01 CH 9	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	SPO-103	TRIAD TS-OD26	SOUTH PATIO 108	WEST PENN AQC226 [AV-4.4]
108-S04	14/2 DB	AMP-01 CH 10	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	SPO-104	TRIAD TS-OD26	SOUTH PATIO 108	WEST PENN AQC226 [AV-4.4]

DESTINATION: POOL DECK 109

7 CABLES

		FROM			TO			
CABLE	**TYPE**	**IDENTIFIER**	**SOURCE**	**LOCATION**	**IDENTIFIER**	**DESTINATION**	**LOCATION**	**NOTES**
109-D01	CAT6A	SW-03 PORT 29	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	CAM-102	LUMA LUM-820-IP-TFW	POOL DECK 109	BELDEN 10GXS12 [AV-4.4]
109-D02	CAT6A	SW-03 PORT 30	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	CAM-103	LUMA LUM-820-IP-TFW	POOL DECK 109	BELDEN 10GXS12 [AV-4.4]
109-D03	CAT6A	SW-02 PORT 04	ARAKNIS AN-920-SW-F-24-POE	RK-102 A/V ROOM	WAP-103	ARAKNIS AN-830-AP-I	POOL DECK 109	BELDEN 10GXS12 [AV-4.4]
109-S01	14/2 DB	AMP-01 CH 11	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	SPO-105	TRIAD TS-OD26	POOL DECK 109	WEST PENN AQC226 [AV-4.4]
109-S02	14/2 DB	AMP-01 CH 12	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	SPO-106	TRIAD TS-OD26	POOL DECK 109	WEST PENN AQC226 [AV-4.4]
109-S03	14/2 DB	AMP-01 CH 13	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	SPO-107	TRIAD TS-OD26	POOL DECK 109	WEST PENN AQC226 [AV-4.4]
109-S04	14/2 DB	AMP-01 CH 14	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	SPO-108	TRIAD TS-OD26	POOL DECK 109	WEST PENN AQC226 [AV-4.4]

DESTINATION: LOWER GARAGE 110

5 CABLES

		FROM			TO			
CABLE	**TYPE**	**IDENTIFIER**	**SOURCE**	**LOCATION**	**IDENTIFIER**	**DESTINATION**	**LOCATION**	**NOTES**
110-D01	CAT6A	SW-02 PORT 05	ARAKNIS AN-920-SW-F-24-POE	RK-102 A/V ROOM	WAP-104	ARAKNIS AN-830-AP-I	LOWER GARAGE 110	BELDEN 10GXS12 [AV-4.4]
110-D02	CAT6A	SW-03 PORT 31	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	CAM-104	LUMA LUM-820-IP-TFW	LOWER GARAGE 110	BELDEN 10GXS12 [AV-4.4]
110-D03	CAT6A	SW-03 PORT 32	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	CAM-105	LUMA LUM-820-IP-TFW	LOWER GARAGE 110	BELDEN 10GXS12 [AV-4.4]
110-D04	CAT6A	SW-01 PORT 29	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	DD-104 A	GENERIC DUPLEX RJ45	LOWER GARAGE 110	BELDEN 10GXS12 [AV-4.3]
110-D05	CAT6A	SW-01 PORT 30	ARAKNIS AN-420-SW-F-48-POE	RK-102 A/V ROOM	DD-104 B	GENERIC DUPLEX RJ45	LOWER GARAGE 110	BELDEN 10GXS12 [AV-4.3]

CLIENT

SAMPLE RESIDENCE
SAMPLE PROJECT

ADDRESS

ANYTOWN, USA

PROJECT

CONTROL4 SMART HOME

PREPARED BY

INTEGRATOR DRAFTWORKS

AV SYSTEM DRAFTING

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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

FOR CONSTRUCTION

STATUS CHANGES WITH "ISSUED FOR" BELOW

ISSUED FOR

- [ ] REVIEW
- [ ] COORDINATION
- [x] CONSTRUCTION
- [ ] AS-BUILT

SHEET TITLE

CABLE SCHEDULE
LOWER LEVEL AND RACKS

AV - 5.0

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-TSIW8	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 FP3LDLD (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-TSIW8	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-TSIW8	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	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 FP3LDLD (LENGTH TO SUIT) [AV-4.6]
205-S01	14/2	AMP-02 CH 3	TRIAD TS-PAMP8-100	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-PAMP8-100	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-TSIW8	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 FP3LDLD (LENGTH TO SUIT) [AV-4.5]
206-S01	14/2	AMP-02 CH 5	TRIAD TS-PAMP8-100	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-PAMP8-100	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-PAMP8-100	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-PAMP8-100	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 FP3LDLD (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-D01	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-S01	14/2	AMP-03 CH 1	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	SPC-219	TRIAD TS-IC63	OUTDOOR DINING 211	BELDEN 5100UE [AV-4.5]
211-S02	14/2	AMP-03 CH 2	TRIAD TS-PAMP8-100	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	CAT6A	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	CAT6A	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	CAT6A	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	CAT6A	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	CAT6A	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	CAT6A	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

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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

FOR CONSTRUCTION

STATUS CHANGES WITH "ISSUED FOR" BELOW

ISSUED FOR

- ☐ REVIEW
- ☐ COORDINATION
- ☒ CONSTRUCTION
- ☐ AS-BUILT

SHEET TITLE

CABLE SCHEDULE
MAIN LEVEL

AV - 5.1

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 FP3LDLD (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 FP3LDLD (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 B-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 B-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 FP3LDLD (LENGTH TO SUIT) [AV-4.7]
303-S01	14/2	AMP-03 CH 9	TRIAD TS-PAMP8-100	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-PAMP8-100	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 FP3LDLD (LENGTH TO SUIT) [AV-4.7]
304-S01	14/2	AMP-03 CH 11	TRIAD TS-PAMP8-100	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-PAMP8-100	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-PAMP8-100	RK-102 A/V ROOM	SPO-301	TRIAD TS-OD26	COVERED PATIO 306	WEST PENN AQC226 [AV-4.7]
306-S02	14/2 DB	AMP-03 CH 14	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	SPO-302	TRIAD TS-OD26	COVERED PATIO 306	WEST PENN AQC226 [AV-4.7]

DESTINATION: PUTTING GREEN 307 — 4 CABLES

		FROM			TO			
CABLE	TYPE	IDENTIFIER	SOURCE	LOCATION	IDENTIFIER	DESTINATION	LOCATION	NOTES
307-D01	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-D02	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-S01	14/2 DB	AMP-03 CH 15	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	SPO-303	TRIAD TS-OD26	PUTTING GREEN 307	WEST PENN AQC226 [AV-4.7]
307-S02	14/2 DB	AMP-03 CH 16	TRIAD TS-PAMP8-100	RK-102 A/V ROOM	SPO-304	TRIAD TS-OD26	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
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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

FOR CONSTRUCTION

STATUS CHANGES WITH "ISSUED FOR" BELOW

ISSUED FOR

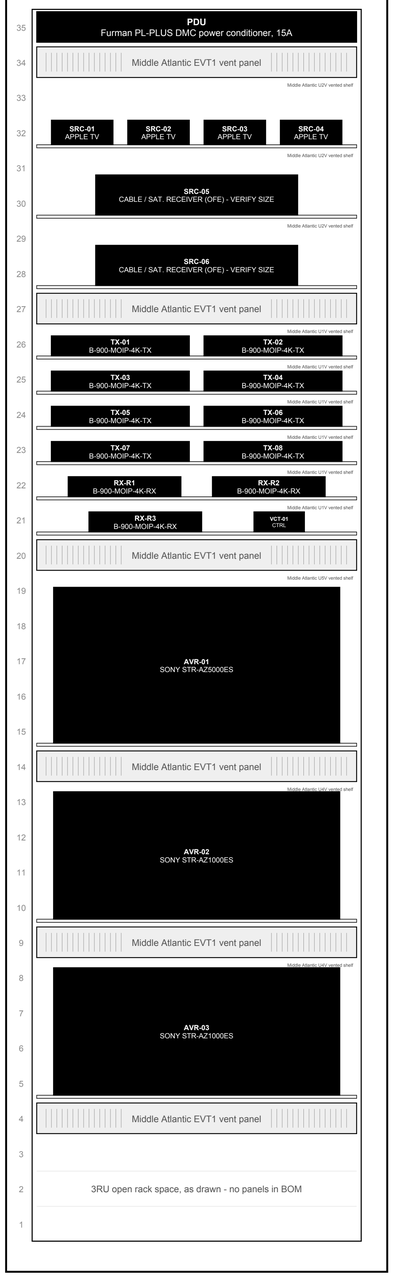
- ☐ REVIEW
- ☐ COORDINATION
- ☒ CONSTRUCTION
- ☐ AS-BUILT

SHEET TITLE

CABLE SCHEDULE
UPPER LEVEL

AV - 5.2

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

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

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SAMPLE PROJECT

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DESCRIPTION

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

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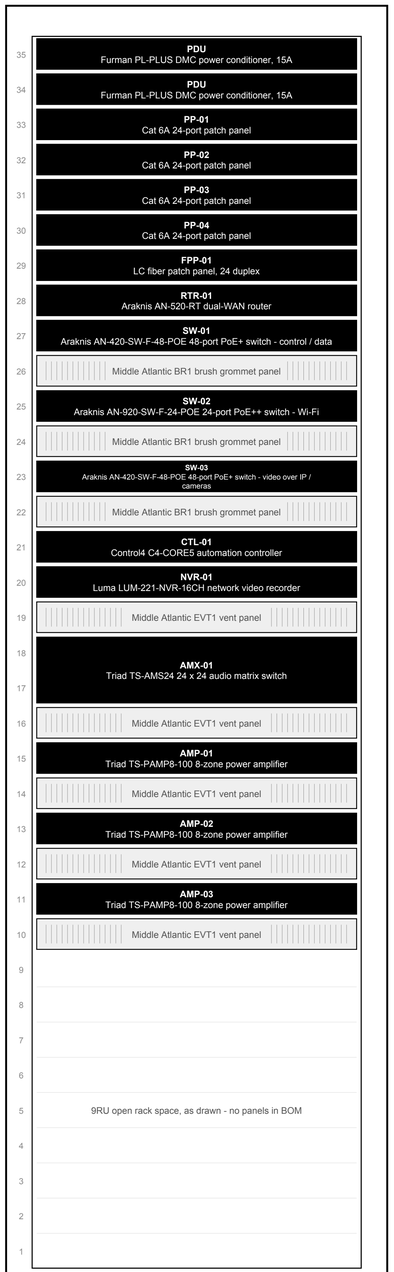
- ☐ REVIEW
- ☐ COORDINATION
- ☒ CONSTRUCTION
- ☐ AS-BUILT

SHEET TITLE

RACK ELEVATION
RK-101 A/V 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

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

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STATUS

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STATUS CHANGES WITH "ISSUED FOR" BELOW

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- [ ] REVIEW
- [ ] COORDINATION
- [x] CONSTRUCTION
- [ ] AS-BUILT

SHEET TITLE

RACK ELEVATION
RK-102 A/V ROOM 101

AV - 5.4