

BLACKFORD - ATKINSON, NH

AV ENGINEERING DRAWINGS FOR INTEGRATED HOME AND CINEMA UPGRADE

The ECAV process begins here on the title page and
advances from left to right one page tab at a time
in sync with your project's design, wiring, engineering
and construction progress

Project and Company Information is entered on this
page's Shape Data Window

08/31/2025

BY

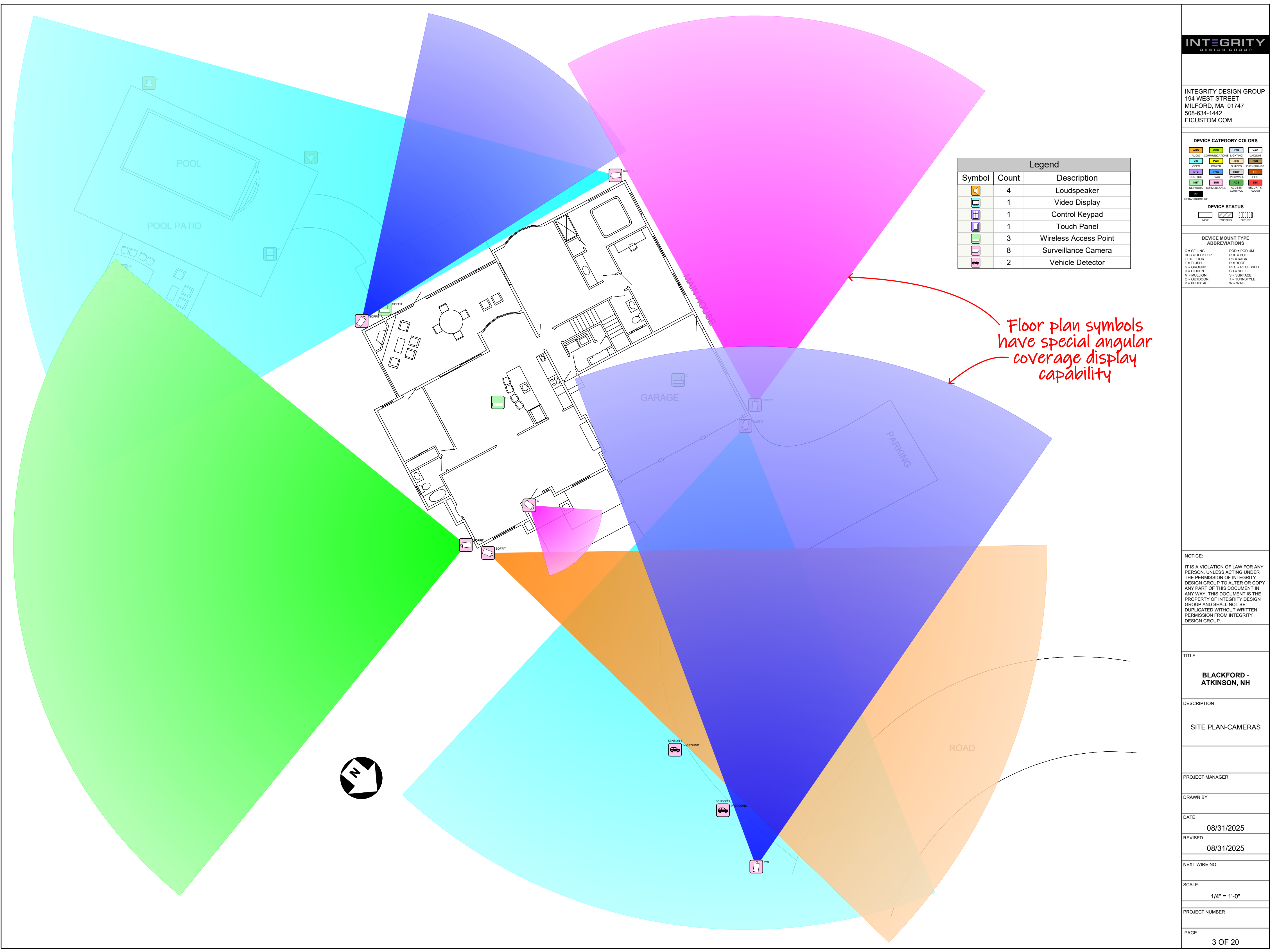


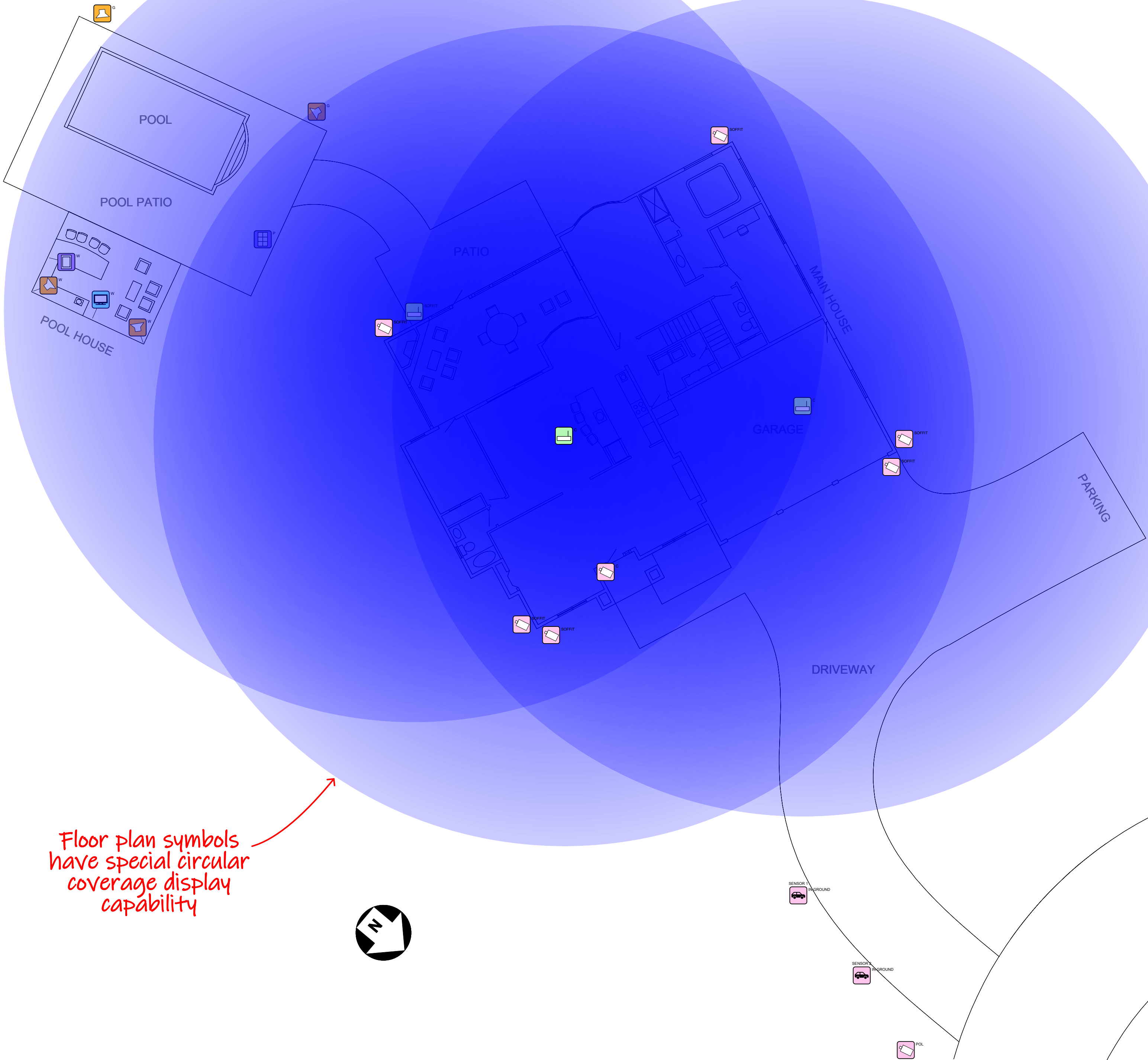
INTEGRITY DESIGN GROUP
194 WEST STREET
MILFORD, MA 01747
508-634-1442
EICUSTOM.COM



DRAWING REVISIONS

REV 1	ADDED ALL DRAWINGS FOR CINEMA UPGRADE	10/3/2023	KC
REV 2	UPDATED CINEMA SPEAKERS TO NEW CEDIA ABBREVIATIONS	05/20/2024	KC
REV.	DESCRIPTION	DATE	BY
REV.	DESCRIPTION	DATE	BY
REV.	DESCRIPTION	DATE	BY
REV.	DESCRIPTION	DATE	BY
REV.	DESCRIPTION	DATE	BY





Legend		
Symbol	Count	Description
	4	Loudspeaker
	1	Video Display
	1	Control Keypad
	1	Touch Panel
	3	Wireless Access Point
	8	Surveillance Camera
	2	Vehicle Detector

DEVICE CATEGORY COLORS			
AUD	COM	LTH	VAC
VID	POW	SHD	FUR
CON	HW	HW	HW
NET	SEC	SEC	SEC
NET	SEC	SEC	SEC

DEVICE STATUS	
NEW	EXISTING
FUTURE	

DEVICE MOUNT TYPE ABBREVIATIONS	
C = CEILING	POD = PODIUM
DES = DESKTOP	POL = POLE
FL = FLOOR	RK = RACK
F = FLUSH	R = ROOF
G = GROUND	REC = RECESSED
H = HIDDEN	SH = SHELF
M = MULLION	S = SURFACE
O = OUTDOOR	T = TURNSTILE
P = PEDISTAL	W = WALL

NOTICE:
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE PERMISSION OF INTEGRITY DESIGN GROUP TO ALTER OR COPY ANY PART OF THIS DOCUMENT IN ANY WAY. THIS DOCUMENT IS THE PROPERTY OF INTEGRITY DESIGN GROUP AND SHALL NOT BE DUPLICATED WITHOUT WRITTEN PERMISSION FROM INTEGRITY DESIGN GROUP.

TITLE
BLACKFORD - ATKINSON, NH

DESCRIPTION
SITE PLAN-WIFI

PROJECT MANAGER

DRAWN BY

DATE
08/31/2025

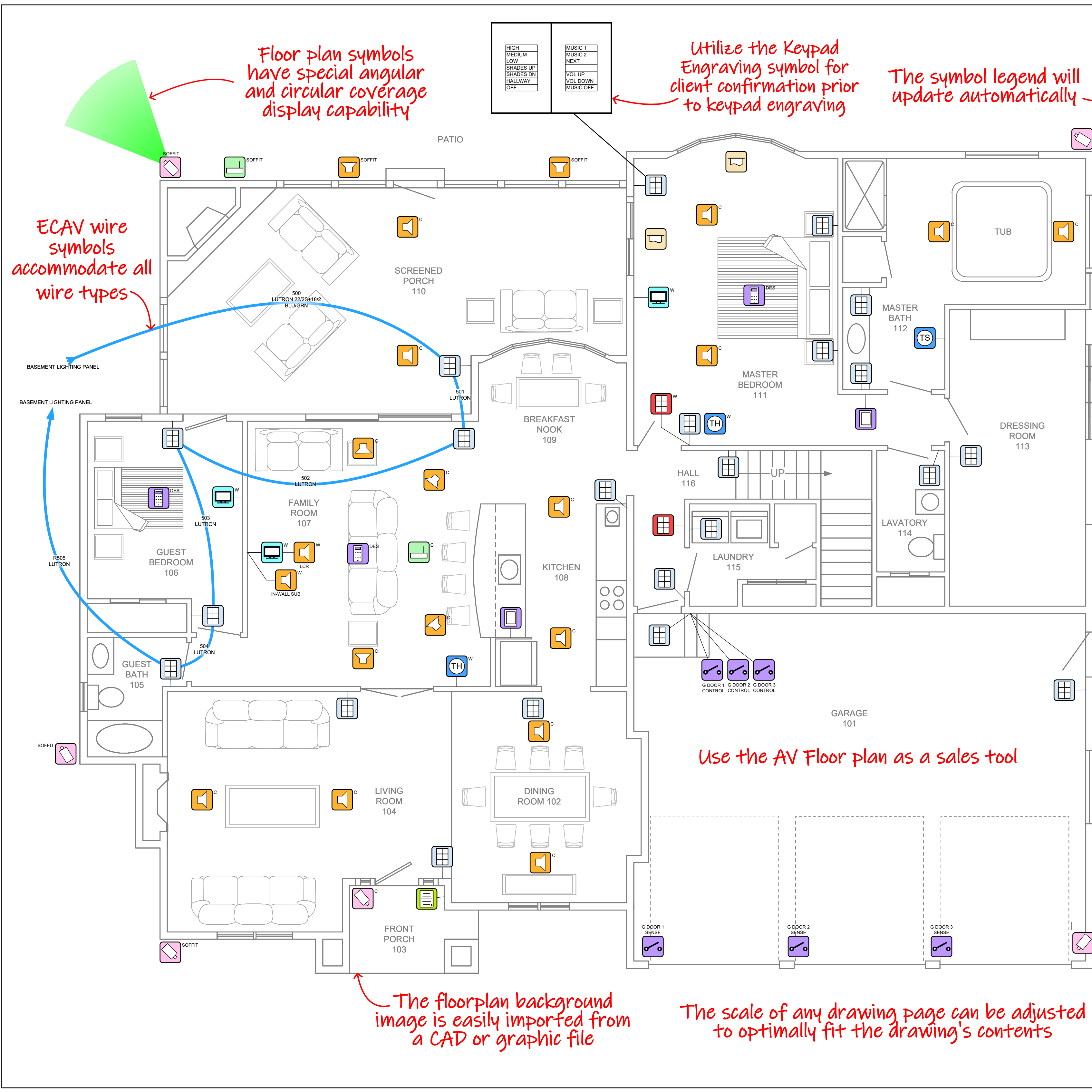
REVISED
08/31/2025

NEXT WIRE NO.

SCALE
1/4" = 1'-0"

PROJECT NUMBER

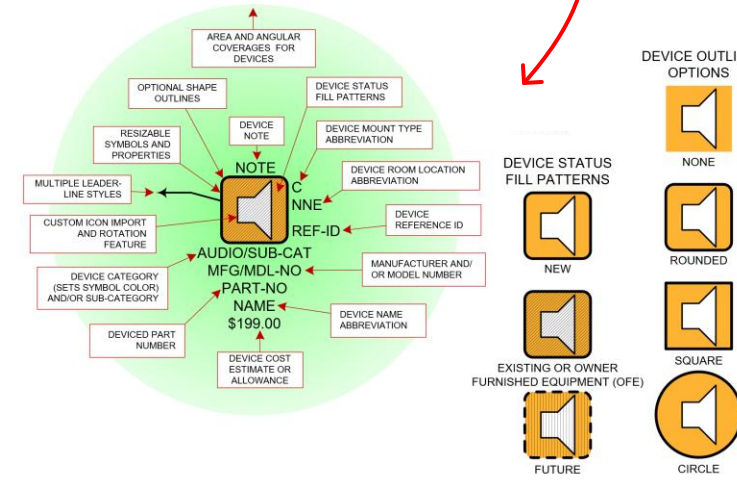
PAGE
4 OF 20



Legend		
Symbol	Count	Description
[Speaker Icon]	20	Loudspeaker
[TSTAT Icon]	2	TSTAT/Humidistat
[Video Display Icon]	3	Video Display
[Touch Panel Icon]	2	Touch Panel
[Wireless Access Point Icon]	2	Wireless Access Point
[Lighting User Interface Icon]	22	Lighting User Interface
[Motorized Shade Icon]	2	Motorized Shade
[Remote Control Icon]	3	Remote Control
[Control Contact Switch Icon]	6	Control Contact Switch
[Surveillance Camera Icon]	7	Surveillance Camera
[Intercom Door Station Icon]	1	Intercom Door Station
[HVAC Temp Sensor Icon]	1	HVAC Temp Sensor
[Security Keypad Icon]	2	Security Keypad

Simply drop Floor plan symbols from any of the 17 supplied system category stencils

Floor plan device and wire symbols have many attributes and display options



Each drawing page type has its own off-page tutorial help section selected from the page's Layers menu

Easily transform symbols from one drawing type to another

INTegrity DESIGN GROUP

INTegrity DESIGN GROUP
194 WEST STREET
MILFORD, MA 01747
508-634-1442
EICUSTOM.COM

DEVICE CATEGORY COLORS
AUDIO COMMUNICATIONS LIGHTING VIDEO POWER HVAC HARDWARE NETWORK SURVEILLANCE ACCESS SECURITY
NEW EXISTING FUTURE

DEVICE MOUNT TYPE ABBREVIATIONS
C = CEILING DES = DESKTOP FL = FLOOR F = FLUSH G = GROUND H = HIDDEN M = MULLION O = OUTDOOR P = PEDISTAL
POL = POLE R = RACK R = ROOF REC = RECESSED SH = SHELF S = SURFACE T = TURNSTYLE W = WALL

NOTICE:
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE PERMISSION OF INTEGRITY DESIGN GROUP TO ALTER OR COPY ANY PART OF THIS DOCUMENT IN ANY WAY. THIS DOCUMENT IS THE PROPERTY OF INTEGRITY DESIGN GROUP AND SHALL NOT BE DUPLICATED WITHOUT WRITTEN PERMISSION FROM INTEGRITY DESIGN GROUP.

TITLE
BLACKFORD - ATKINSON, NH

DESCRIPTION
AV FLOOR PLAN-MAIN LEVEL

PROJECT MANAGER

DRAWN BY

DATE
08/31/2025

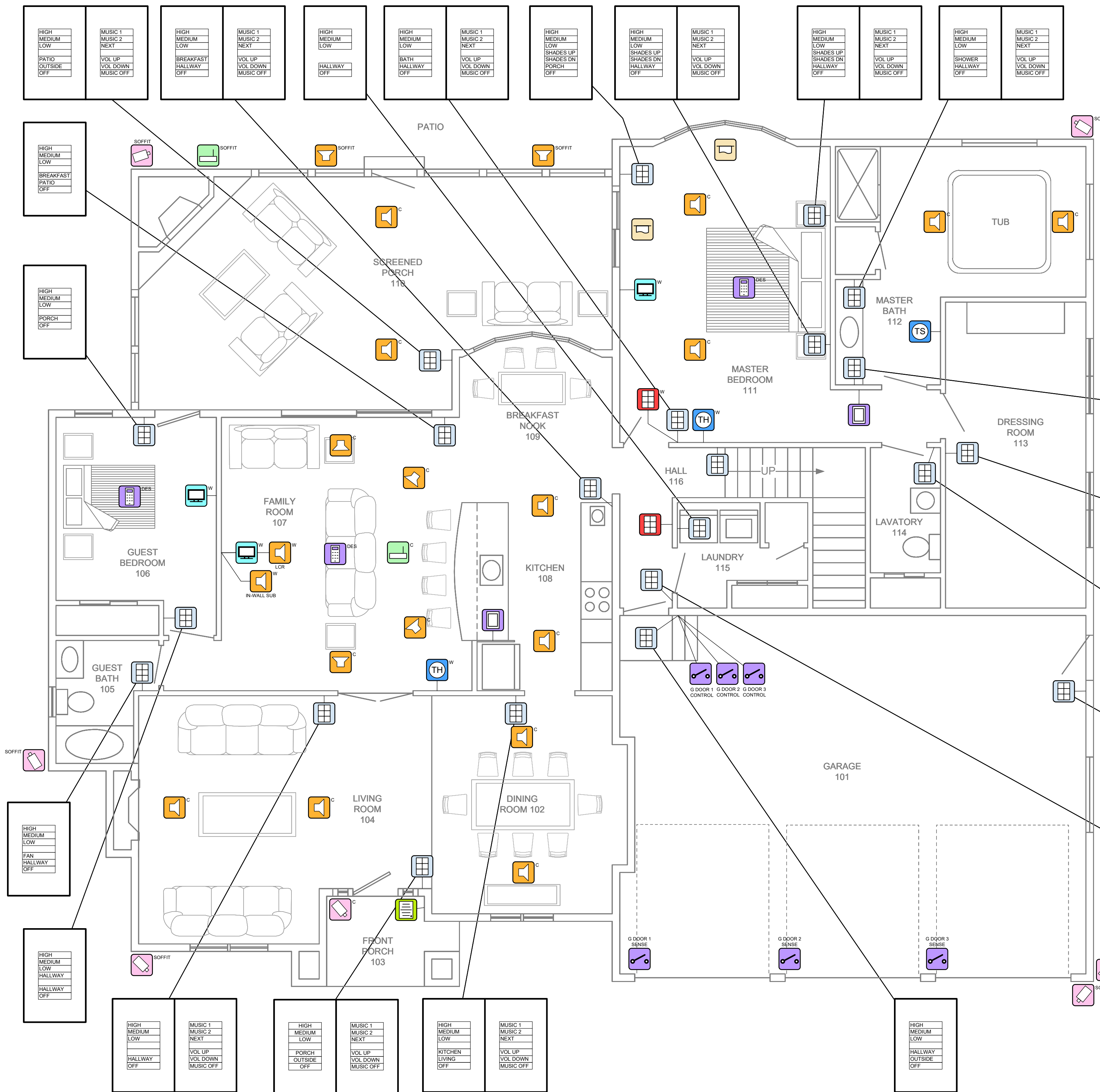
REVISED
08/31/2025

NEXT WIRE NO.
0

SCALE
1/4" = 1'-0"

PROJECT NUMBER

PAGE
5 OF 20



Legend		
Symbol	Count	Description
	20	Loudspeaker
	2	TSTAT/Humidistat
	3	Video Display
	2	Touch Panel
	2	Wireless Access Point
	22	Lighting User Interface
	2	Motorized Shade
	3	Remote Control
	6	Control Contact Switch
	7	Surveillance Camera
	1	Intercom Door Station
	1	HVAC Temp Sensor
	2	Security Keypad

Utilize the Keypad Engraving symbol for client confirmation prior to keypad engraving

HIGH MEDIUM LOW BREAKFAST PATIO OFF	MUSIC 1 MUSIC 2 NEXT VOL UP VOL DOWN MUSIC OFF
--	---

HIGH MEDIUM LOW HALLWAY BATH OFF

HIGH MEDIUM LOW FAN HALLWAY OFF
--

HIGH MEDIUM LOW SCONCE OUTSIDE OFF

HIGH MEDIUM LOW GARAGE OUTSIDE OFF

DEVICE CATEGORY COLORS			
AUDIO	COMMUNICATIONS	LIGHTING	VACUUM
VIDEO	POWER	SHADES	FURNISHINGS
CONTROL	HVAC	HARDWARE	WIRE
NETWORK	SURVEILLANCE	ACCESS	SECURITY

DEVICE STATUS	
NEW	EXISTING
FUTURE	

DEVICE MOUNT TYPE ABBREVIATIONS	
C = CEILING	POD = PODIUM
DES = DESKTOP	POL = POLE
FL = FLOOR	RK = RACK
F = FLUSH	R = ROOF
G = GROUND	REC = RECESSED
H = HIDDEN	SH = SHELF
M = MULLION	S = SURFACE
O = OUTDOOR	T = TURNSTILE
P = PEDISTAL	W = WALL

NOTICE:
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE PERMISSION OF INTEGRITY DESIGN GROUP TO ALTER OR COPY ANY PART OF THIS DOCUMENT IN ANY WAY. THIS DOCUMENT IS THE PROPERTY OF INTEGRITY DESIGN GROUP AND SHALL NOT BE DUPLICATED WITHOUT WRITTEN PERMISSION FROM INTEGRITY DESIGN GROUP.

TITLE
BLACKFORD - ATKINSON, NH

DESCRIPTION
AV FLOOR PLAN-KEYPAD ENGRAVING

PROJECT MANAGER

DRAWN BY

DATE
08/31/2025

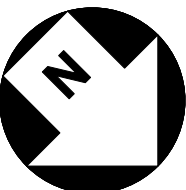
REVISED
08/31/2025

NEXT WIRE NO.
0

SCALE
1/4" = 1'-0"

PROJECT NUMBER

PAGE
6 OF 20



INTEGRITY
DESIGN GROUP

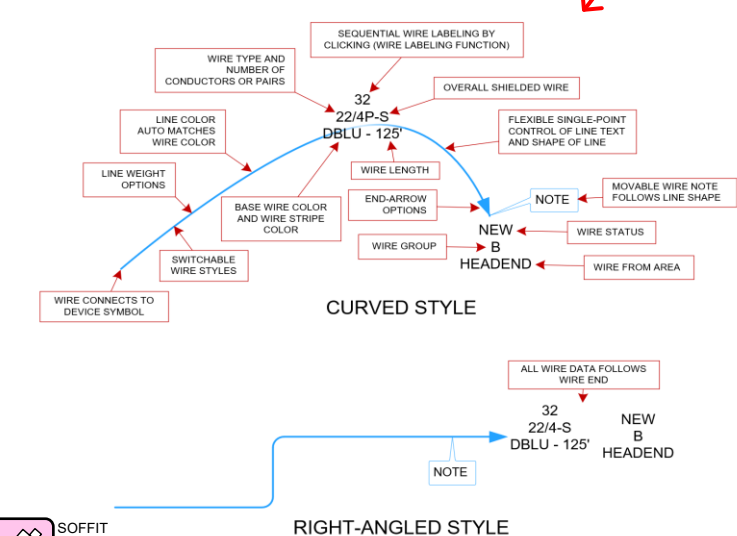
DEVICE CATEGORY COLORS

AUD AUDIO	COM COMMUNICATIONS	LTG LIGHTING	VAC VACUUM
VID VIDEO	PWR POWER	SHD SHADES	FUR FURNISHINGS
CTL CONTROL	HVA HVAC	HDW HARDWARE	FIR FIRE
NET NETWORK	SUR SURVEILLANCE	ACS ACCESS CONTROL	SEC SECURITY/ALARM
INF INFORMATION			

DEVICE MOUNT TYPE ABBREVIATIONS

display options

FLOOR PLAN WIRE/CONDUIT SYMBOL
(SELECTABLE CURVED OR RIGHT ANGLED)



TITLE

DESCRIPTION

--	--

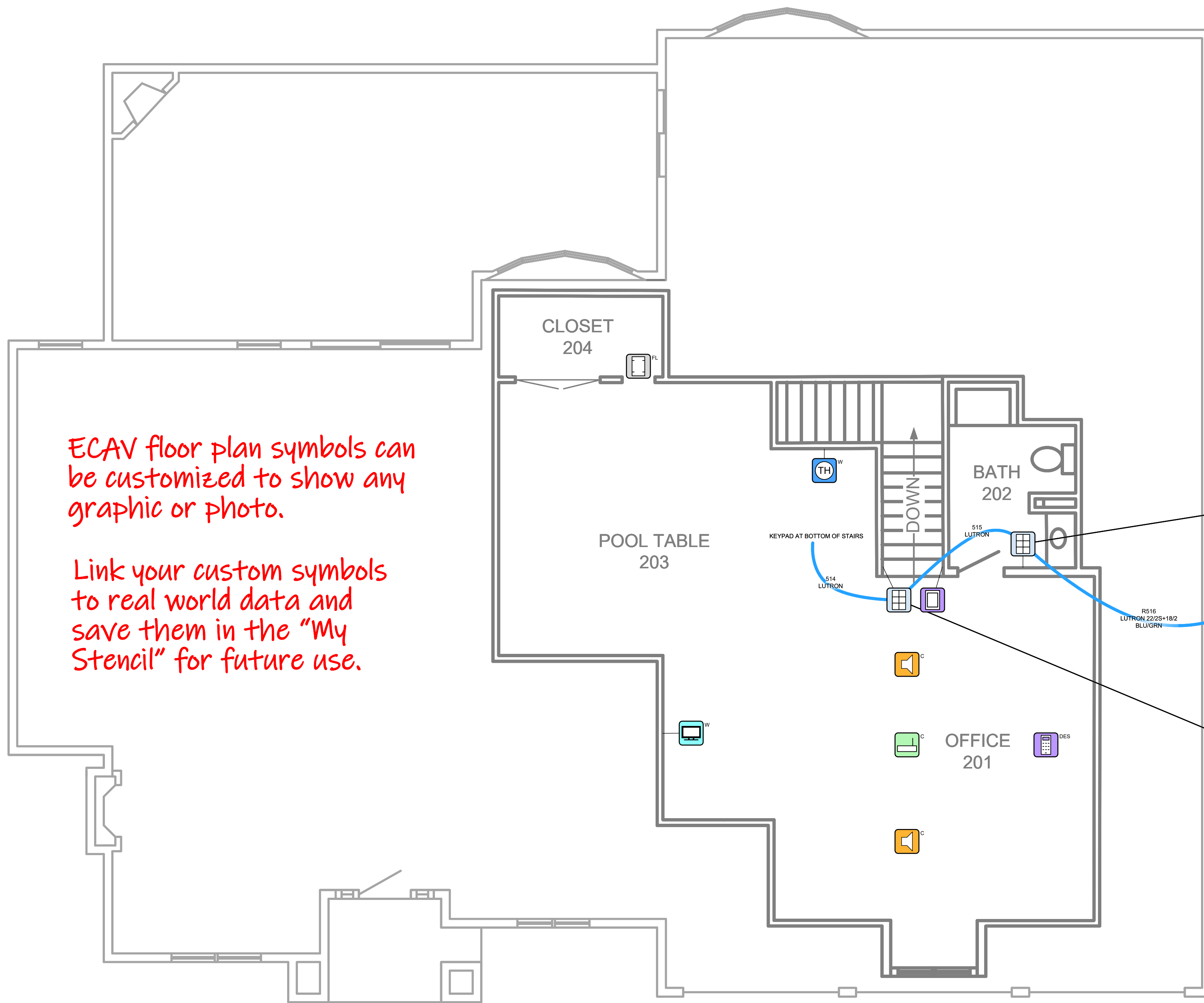
DRAWN BY _____

REVISED
08/31/2025

SCALE

$1/4" = 1'-0"$

PAGE 7 OF 20



Legend		
Symbol	Count	Description
	2	Loudspeaker
	1	Video Display
	2	Lighting User Interface
	1	Touch Panel
	1	Remote Control
	1	Headend
	1	Wireless Access Point
	1	TSTAT/Humidistat

INTEGRITY DESIGN GROUP
194 WEST STREET
MILFORD, MA 01747
508-634-1442
EICUSTOM.COM

DEVICE CATEGORY COLORS

AUD AUDIO	COM COMMUNICATIONS	LTG LIGHTING	VAC VACUUM
VID VIDEO	PWR POWER	SHD SHADES	FUR FURNISHINGS
CTL CONTROL	HVA HVAC	HDW HARDWARE	FIR FIRE
NET NETWORK	SUR SURVEILLANCE	ACS ACCESS CONTROL	SEC SECURITY/ALARM
INF			

DEVICE STATUS

 NEW
  EXISTING
  FUTURE

DEVICE MOUNT TYPE ABBREVIATIONS

ABBREVIATIONS

C = CEILING	POD = PODIUM
DES = DESKTOP	POL = POLE
FL = FLOOR	RK = RACK
F = FLUSH	R = ROOF
G = GROUND	REC = RECESSED
H = HIDDEN	SH = SHELF
M = MULLION	S = SURFACE
O = OUTDOOR	T = TURNSTYLE
P = PEDISTAL	W = WALL

HIGH
MEDIUM
LOW
FAN
OFFICE
OFF

HIGH	MUSIC 1
MEDIUM	MUSIC 2
LOW	NEXT
STAIRS	MUSIC OFF
	VOL UP
OFF	VOL DOWN



NOTICE:

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE PERMISSION OF INTEGRITY DESIGN GROUP TO ALTER OR COPY ANY PART OF THIS DOCUMENT IN ANY WAY. THIS DOCUMENT IS THE PROPERTY OF INTEGRITY DESIGN GROUP AND SHALL NOT BE DUPLICATED WITHOUT WRITTEN PERMISSION FROM INTEGRITY DESIGN GROUP.

**BLACKFORD -
ATKINSON, NH**

DESCRIPTION

AV FLOOR PLAN-UPPER
LEVEL

PROJECT MANAGER

DRAWN BY

DATE 08/31/2025

REVISED
08/31/2025

NEXT WIRE NO.

529

SCALE

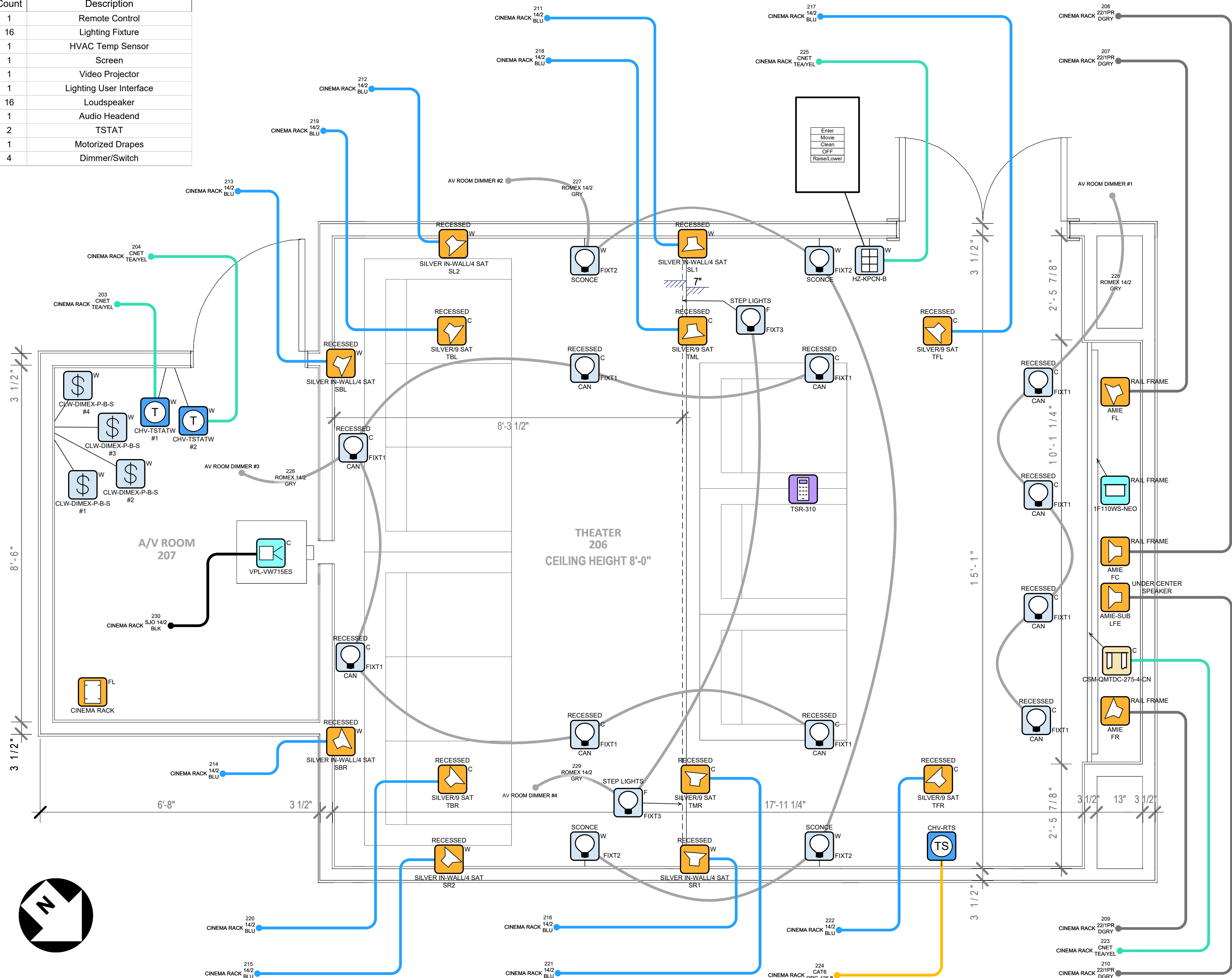
$1/4" = 1'-0"$

PROJECT NUMBER

PAGE
8 OF 20

For smaller projects floor plans can be used to show key device wiring

Legend		
Symbol	Count	Description
	1	Remote Control
	16	Lighting Fixture
	1	HVAC Temp Sensor
	1	Screen
	1	Video Projector
	1	Lighting User Interface
	16	Loudspeaker
	1	Audio Headend
	2	TSTAT
	1	Motorized Drapes
	4	Dimmer/Switch



DEVICE CATEGORY COLORS			
AUDIO	COMMUNICATIONS	LIGHTING	VACUUM
VIDEO	POWER	SHADES	FURNISHINGS
CONTROL	HVAC	HARDWARE	FIRE
NETWORK	SURVEILLANCE	ACCESS	SECURITY

DEVICE STATUS		
NEW	EXISTING	FUTURE

DEVICE MOUNT TYPE ABBREVIATIONS	
C = CEILING	POD = PODIUM
DES = DESKTOP	POL = POLE
FL = FLOOR	RK = RACK
F = FLUSH	R = ROOF
G = GROUND	REC = RECESSED
H = HIDDEN	SH = SHIELF
M = MULLION	S = SURFACE
O = OUTDOOR	T = TURNSTILE
P = PEDISTAL	W = WALL

NOTICE:
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE PERMISSION OF INTEGRITY DESIGN GROUP TO ALTER OR COPY ANY PART OF THIS DOCUMENT IN ANY WAY. THIS DOCUMENT IS THE PROPERTY OF INTEGRITY DESIGN GROUP AND SHALL NOT BE DUPLICATED WITHOUT WRITTEN PERMISSION FROM INTEGRITY DESIGN GROUP.

TITLE
BLACKFORD - ATKINSON, NH

DESCRIPTION
CINEMA FLOOR PLAN- UPPER LEVEL

PROJECT MANAGER

DRAWN BY

DATE
08/31/2025

REVISED
08/31/2025

NEXT WIRE NO.
231

SCALE
19/64" = 1'-0"

PROJECT NUMBER

PAGE
9 OF 20

Auto generated legend

Device Reference ID

Wire groups show wire totals

Equipment

Outline color options

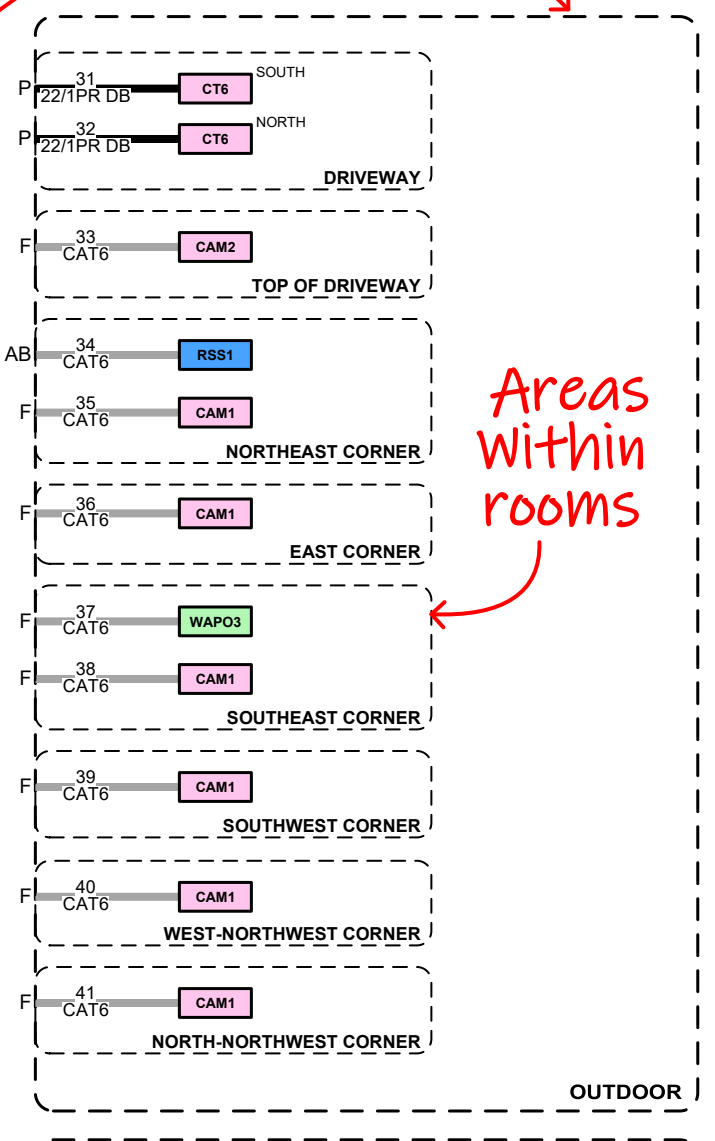
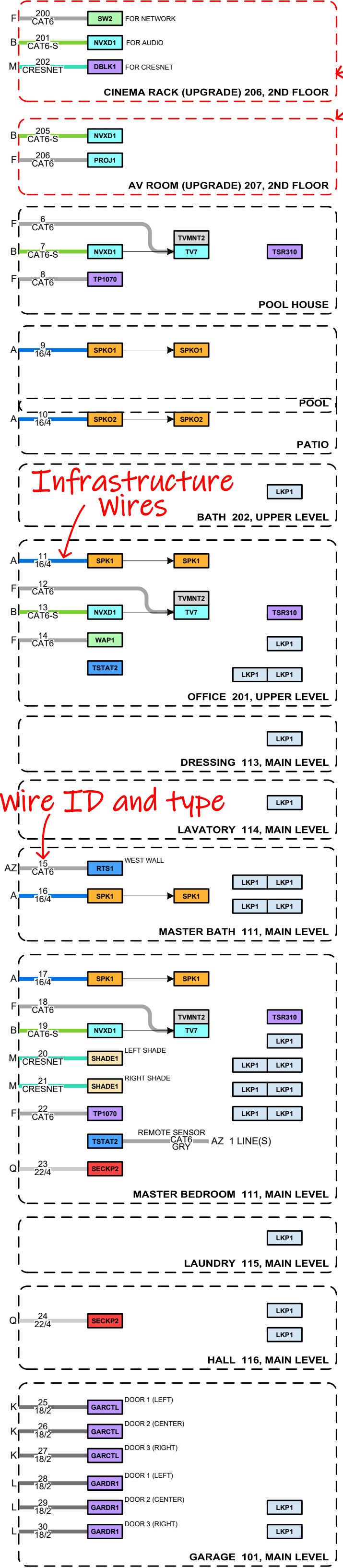
Rooms

Areas within rooms

Infrastructure wires

Easily Print-out individual rooms to verify infrastructure wiring and room designs before sheetrock

Block Diagram Device Legend				
Reference ID	Manufacturer	Model No	Subcategory	Quantity
APT4	Apple	Apple TV 4K	Player	2
AUTON1	Autonomic	MMS-1e	Player	2
AVR4	Marantz	SR5015	AVR	1
CAM1	Luma Surveillance	LUM-410-DOM-IP-BL	Camera	7
CAM2	Luma Surveillance	LUM-510-PTZ-IP-WH	Camera	1
CBX1	Comcast (OFE)	XG1V4	Cable Box	2
CP4	Creston	CP4	Processor	1
CT2B	Cartell	CT-2B	Processor	1
CT6	Cartell	CT-6-200	Sensor	2
D3OC	Creston	DM-NVX-D3OC	Card	1
DBLK1	Creston	CNTBLOCK	Block	1
DMF8	Creston	DMF-C1-8	Cardframe	1
DOM01	Domotz	Domotz Box	Monitor	1
DRCAM1	Door Bird	D1101V	Intercom	1
GARCTL	N/A	N/A	Switch	3
GARDRL	Seco-Larm	SM-226L-3Q	Sensor	3
LCR1	Triad Speakers	OnWall Mini LCR 3.0	Speaker	1
LKP1	Lutron	HQWA-W7BN	Keypad	36
MODEM1	Netgear	CM2050V	Modem	1
N363C	Creston	DM-NVX-363C	Card	5
NAX8	Creston	DM-NAX-8ZSA	Switcher/Amp	1
NVR1	Luma Surveillance	LUM-510-NVR-8CH	NVR	1
NVXD1	Creston	DM-NVX-D3OC	Decoder	7
PROJ1	Sony	VPL-VW715ES	Projector	1
PWRS10	Creston	CSA-PWS10S-HUB-ENET	Power Supply	1
RFAMP2	Snap One	WP-OUT-VID1x8PWR-PC	Splitter	1
ROUT2	Snap One	AN-310-RT-4L2W	Router	1
RSS1	Creston	CHV-RSS	Sensor	1
RTS1	Creston	CHV-RTS	Sensor	1
SECKP2	Honeywell	6160	Keypad	2
SECPNL2	Honeywell	VISTA-128BPT	Processor	1
SHADE1	Creston	CSM-QMTDC-275-4-CN	Shade	2
SPK1	Sonace	VP62R	Speaker	18
SPK01	Sonace	RK83	Speaker	2
SPK02	Sonace	Mariner 66	Speaker	2
STRAT2	Kaleidescape	Strato C	Player	1
SUB1	Triad Speakers	IW-SlimSub	Subwoofer	1
SUBAMP2	Triad Speakers	RACKAMP 300	Amplifier	1
SW1	Snap One	AN-210-SW-F-48-POE	Switch	1
SW2	Snap One	AN-310-SW-R-8	Switch	1
SW6	Snap One	AN-310-SW-F-16-POE	Switch	1
TERSER1	Kaleidescape	Compact Terra	Server	1
TP1070	Creston	TSW-1070	Touch Panel	3
TSR310	Creston	TSR-310	Remote	5
TSTAT2	Creston	HZ-THSTAT-W	Thermostat	3
TV6	Sony	XR-65A80K	TV	2
TV7	Sony	XR-55A80K	TV	3
TVMNT2	Snap One	SM-VM-ART1-IW-16-L	Mount	5
UPS1	Snap One	WB-OVRC-UPS-1500-1	UPS	2
VPDU12	Snap One	WB-800VPS-IPVM-12	PDU	2
WAP1	Rokus	R350	WAP	2



Pre-Wire Schedule by Room											
To Room Name	To Room No	To Floor	To Area	To Location	From Floor	From Room Name	From Area	Wire Number	Wire Type	FUNCTION	Wire Length (ft)
Count											
AV Room (Upgrade)	207	2nd Floor		TO LOC	Upper Level	Closet	AV Rack	2	CAT6-GRY	Network Video	125
AV Room (Upgrade)	207	2nd Floor		TO LOC	Upper Level	Closet	AV Rack	3	18/2-DGRY	Driveway In/Out	125
Count											
Cinema Rack (Upgrade)	206	2nd Floor		TO LOC	Upper Level	Closet	AV Rack	200	CAT6-S-GRN	Network Video	125
Cinema Rack (Upgrade)	206	2nd Floor		TO LOC	Upper Level	Closet	AV Rack	201	CAT6-S-GRN	Network Video	125
Cinema Rack (Upgrade)	206	2nd Floor		TO LOC	Upper Level	Closet	AV Rack	202	CRESNET-TEA	Security RS232	125
Count											
Closet	204	Upper Level	AV Rack	TO LOC	TO LOC	Basement	Basement	1	RGS-BLK	Media Feed	125
Count											
Dining Room	102	Main Level		TO LOC	Upper Level	Closet	AV Rack	56	16/4-DBLU	Speakers	125
Count											
Family Room	107	Main Level		TO LOC	Upper Level	Closet	AV Rack	45	16/2-WHT	Center Speaker	125
Family Room	107	Main Level		TO LOC	Upper Level	Closet	AV Rack	46	16/4-DBLU	Speakers	125
Family Room	107	Main Level		TO LOC	Upper Level	Closet	AV Rack	47	16/4-DBLU	Speakers	125
Family Room	107	Main Level		TO LOC	Upper Level	Closet	AV Rack	48	16/4-DBLU	Speakers	125
Family Room	107	Main Level		TO LOC	Upper Level	Closet	AV Rack	49	16/4-DBLU	Subwoofer	125
Family Room	107	Main Level		TO LOC	Upper Level	Closet	AV Rack	50	CAT6-S-GRN	Network Video	125
Family Room	107	Main Level		TO LOC	Upper Level	Closet	AV Rack	51	CAT6-S-GRN	Network Video	125
Family Room	107	Main Level		TO LOC	Upper Level	Closet	AV Rack	52	CAT6-S-GRN	Network Video	125
Count											
Front Porch	103	Main Level		TO LOC	Upper Level	Closet	AV Rack	57	CAT6-GRY	Ethernet	125
Front Porch	103	Main Level		TO LOC	Upper Level	Closet	AV Rack	58	CAT6-GRY	Ethernet	125
Front Porch	103	Main Level		TO LOC	Upper Level	Closet	AV Rack	59	18/2-GRY	Doorphone Trig	125
Count											
Garage	101	Main Level		TO LOC	Upper Level	Closet	AV Rack	26	18/2-DGRY	Gar Door Control	125
Garage	101	Main Level		TO LOC	Upper Level	Closet	AV Rack	27	18/2-DGRY	Gar Door Control	125
Garage	101	Main Level		TO LOC	Upper Level	Closet	AV Rack	28	18/2-DGRY	Gar Door Sense	125
Garage	101	Main Level		TO LOC	Upper Level	Closet	AV Rack	29	18/2-DGRY	Gar Door Sense	125
Garage	101	Main Level		TO LOC	Upper Level	Closet	AV Rack	30	18/2-DGRY	Gar Door Sense	125
Garage	101	Main Level		TO LOC	Upper Level	Closet	AV Rack	31	18/2-DGRY	Gar Door Sense	125
Count											
Guest Bedroom	106	Main Level		TO LOC	Upper Level	Closet	AV Rack	43	CAT6-GRY	Ethernet	125
Guest Bedroom	106	Main Level		TO LOC	Upper Level	Closet	AV Rack	44	CAT6-S-GRN	Network Video	125
Count											
Hall	116	Main Level		TO LOC	TO LOC	Basement	Basement	24	22/4-LGRY	Security Keyfobs	125
Count											
Kitchen	108	Main Level		TO LOC	Upper Level	Closet	AV Rack	53	16/4-DBLU	Speakers	125
Kitchen	108	Main Level		TO LOC	Upper Level	Closet	AV Rack	54	CAT6-GRY	Ethernet	125
Count											
Living Room	104	Main Level		TO LOC	Upper Level	Closet	AV Rack	55	16/4-DBLU	Speakers	125
Count											
Master Bath	111	Main Level		TO LOC	Upper Level	Closet	AV Rack	15	CAT6-GRY	Remote Sensor	75
Master Bath	111	Main Level		TO LOC	Upper Level	Closet	AV Rack	16	16/4-DBLU	Speakers	125
Count											
Master Bedroom	111	Main Level		TO LOC	Upper Level	Closet	AV Rack	17	16/4-DBLU	Speakers	125
Master Bedroom	111	Main Level		TO LOC	Upper Level	Closet	AV Rack	18	CAT6-GRY	Ethernet	125
Master Bedroom	111	Main Level		TO LOC	Upper Level	Closet	AV Rack	19	CAT6-S-GRN	Network Video	125
Master Bedroom	111	Main Level		TO LOC	Upper Level	Closet	AV Rack	22	CAT6-GRY	Ethernet	125
Master Bedroom	111	Main Level		TO LOC	Upper Level	Closet	AV Rack	23	22/4-LGRY	Security Keyfobs	125
Master Bedroom	111	Main Level		TO LOC	Upper Level	Closet	AV Rack	20	CRESNET-TEA	Shades	125
Master Bedroom	111	Main Level		TO LOC	Upper Level	Closet	AV Rack	21	CRESNET-TEA	Shades	125
Count											
Office	201	Upper Level		TO LOC	Upper Level	Closet	AV Rack	11	16/4-DBLU	Speakers	125
Office	201	Upper Level		TO LOC	Upper Level	Closet	AV Rack	12	CAT6-GRY	Ethernet	125
Office	201	Upper Level		TO LOC	Upper Level	Closet	AV Rack	13	CAT6-S-GRN	Network Video	125
Office	201	Upper Level		TO LOC	Upper Level	Closet	AV Rack	14	CAT6-GRY	Ethernet	125
Count											
Outdoor				TO LOC	Upper Level	Closet	AV Rack	31	22/4-LGRY	Vehicle Sensors	125
Outdoor				TO LOC	Upper Level	Closet	AV Rack	32	22/4-LGRY	Vehicle Sensors	125
Outdoor				TO LOC	Upper Level	Closet	AV Rack	36	CAT6-GRY	Ethernet	125
Outdoor				TO LOC	Upper Level	Closet	AV Rack	34	CAT6-GRY	Outdoor Sensor	125
Outdoor				TO LOC	Upper Level	Closet	AV Rack	35	CAT6-GRY	Ethernet	125
Outdoor				TO LOC	Upper Level	Closet	AV Rack	41	CAT6-GRY	Ethernet	125
Outdoor				TO LOC	Upper Level	Closet	AV Rack	37	CAT6-GRY	Ethernet	125
Outdoor				TO LOC	Upper Level	Closet	AV Rack	38	CAT6-GRY	Ethernet	125
Outdoor				TO LOC	Upper Level	Closet	AV Rack	39	CAT6-GRY	Ethernet	125
Outdoor				TO LOC	Upper Level	Closet	AV Rack	40	CAT6-GRY	Ethernet	125
Count											
Patio				TO LOC	Upper Level	Closet	AV Rack	10	16/4-DBLU	Speakers	125
Count											
Pool				TO LOC	Upper Level	Closet	AV Rack	9	16/4-DBLU	Speakers	250
Count											
Pool House				TO LOC	Upper Level	Closet	AV Rack	6	CAT6-GRY	Ethernet	250
Pool House				TO LOC	Upper Level	Closet	AV Rack	7	CAT6-S-GRN	Network Video	250
Pool House				TO LOC	Upper Level	Closet	AV Rack	8	CAT6-GRY	Ethernet	250
Count											
Screened Porch	110	Main Level		TO LOC	Upper Level	Closet	AV Rack	42	16/4-DBLU	Speakers	125

BoM by Manufacturer				
Manufacturer	Model No	Subcategory	Reference ID	Quantity
Apple	Apple TV 4K	Player	APT4	2
Autonomic	MMS-1e	Player	AUTON1	2
Cartell	CT-2B	Processor	CT2B	2
Comcast (OFE)	XG1V4	Cable Box	CBX1	2
Creston	CHV-RSS	Sensor	RSS1	1
Creston	CHV-RTS	Sensor	RTS1	1
Creston	CNTBLOCK	Block	DBLK1	1
Creston	CP4	Processor	CP4	1
Creston	CSA-PWS10S-HUB-ENET	Power Supply	PWRS10	1
Creston	CSM-QMTDC-275-4-CN	Shade	SHADE1	2
Creston	DMF-C1-8	Cardframe	DMF8	1
Creston	DM-NAX-8ZSA	Switcher/Amp	NAX8	1
Creston	DM-NVX-363C	Card	N363C	5
Creston	DM-NVX-D3OC	Decoder	NVXD1	7
Creston	DM-NVX-D3OC	Card	D3OC	1
Creston	HZ-THSTAT-W	Thermostat	TSTAT2	3
Creston	TSR-310	Remote	TSR310	5
Creston	TSW-1070	Touch Panel	TP1070	3
Domotz	Domotz Box	Monitor	DOM01	1
Door Bird	D1101V	Intercom	DRCAM1	2
Honeywell	6160	Keypad	SECKP2	1
Honeywell	VISTA-128BPT	Processor	SECPNL2	1
Kaleidescape	Compact Terra	Server	TERSER1	1
Kaleidescape	Strato C	Player	STRAT2	1
Luma Surveillance	LUM-410-DOM-IP-BL	Camera	CAM1	7
Luma Surveillance	LUM-510-NVR-8CH	NVR	NVR1	1
Luma Surveillance	LUM-510-PTZ-IP-WH	Camera	CAM2	1
Lutron	HQWA-W7BN	Keypad	LKP1	36
Marantz	SR5015	AVR	AVR4	1
N/A	N/A	Switch	GARCTL	3
Netgear	CM2050V	Modem	MODEM1	1
Rokus	R350	WAP	WAP1	2
Rokus	T750	WAP	WAP03	1
Seco-Larm	SM-226L-3Q	Sensor	GARDRL	3
Snap One	AN-210-SW-F-48-POE	Switch	SW1	1
Snap One	AN-310-RT-4L2W	Router	ROUT2	1
Snap One	AN-310-SW-F-16-POE	Switch	SW6	1
Snap One	AN-310-SW-R-8	Switch	SW1	1
Snap One	SM-VM-ART1-IW-16-L	Mount	TVMNT2	5
Snap One	WB-800VPS-IPVM-12	PDU	VPDU12	2
Snap One	WB-OVRC-UPS-1500-1	UPS	UPS1	2
Snap One	WP-OUT-VID1x8PWR-PC	Splitter	RFAMP2	1
Sonace	Mariner 66	Speaker	SPK02	2
Sonace	RK83	Speaker	SPK01	2
Sonace	VP62R	Speaker	SPK1	18
Sony	VPL-VW715ES	Projector	PROJ1	1
Sony	XR-55A80K	TV	TV7	3
Sony	XR-65A80K	TV	TV6	2
Triad Speakers	IW-SlimSub	Subwoofer	SUB1	1
Triad Speakers	OnWall Mini LCR 3.0	Speaker	LCR1	1

INTEGRITY DESIGN GROUP
194 WEST STREET
MILFORD, MA 01747
508-634-1442
EICUCOM.COM

DEVICE CATEGORY COLORS
AUDIO: AUDIO, COMMUNICATIONS, LIGHTING, LTV, VAC
VIDEO: VIDEO, POWER, SHADES, FURNISHINGS
CONTROL: CONTROL, HVAC, HARDWARE, ACCESS, SECURITY, ALARM

DEVICE STATUS
NEW, EXISTING, FUTURE

DEVICE MOUNT TYPE ABBREVIATIONS
C = CEILING, DES = DESKTOP, FL = FLOOR, F = FLUSH, G = GROUND, H = HIDDEN, M = MULLION, O = OUTDOOR, P = PEDISTAL
POD = PODIUM, POL = POLE, RW = RACK, R = ROOF, REC = RECESSED, SH = SHELF, S = SURFACE, T = TURNSTYLE, W = WALL

NOTICE:
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE PERMISSION OF INTEGRITY DESIGN GROUP TO ALTER OR COPY ANY PART OF THIS DOCUMENT IN ANY WAY. THIS DOCUMENT IS THE PROPERTY OF INTEGRITY DESIGN GROUP AND SHALL NOT BE DUPLICATED WITHOUT WRITTEN PERMISSION FROM INTEGRITY DESIGN GROUP.

TITLE:
BLACKFORD - ATKINSON, NH

DESCRIPTION:
AV SYSTEM BLOCK DIAGRAM

PROJECT MANAGER:

DRAWN BY:

DATE:
08/31/2025

REVISED:
08/31/2025

NEXT WIRE NO.:
60

SCALE:
NONE

PROJECT NUMBER:

PAGE:
10 OF 20

Block Diagram Device Legend				
Reference ID	Manufacturer	Model No	Subcategory	Quantity
AMP1	Crestron	AMP-2210T	Amplifier	6
APROC1	Indy Audio Labs	Acurus MUSE	Processor	1
CURT1	Crestron	CSM-QMTDC-275-4-CN	Shade	1
DBLK1	Crestron	CNTBLOCK	Block	1
DIM1	Crestron	CLW-DIMEX-P-B-S	Dimmer	4
FIXT1	Manufacturer (TBD)	Model (TBD)	Subcategory	10
FIXT2	Manufacturer (TBD)	Model (TBD)	Subcategory	4
FIXT3	Manufacturer (TBD)	Model (TBD)	Subcategory	2
LKP2	Crestron	HZ-KPCN-B	Keypad	1
NVXD1	Crestron	DM-NVX-D30	Decoder	2
PDU1	Snap One	WB-800-IPVM-12	PDU	1
PROJ1	Sony	VPL-VW715ES	Projector	1
RTS1	Crestron	CHV-RTS	Sensor	1
SCREEN1	Seymour Screen Ex.	1F110WS-NEO	Screen	1
SPK5	Triad Speakers	Silver IN-WALL/4 Sat	Speaker	6
SPK6	Triad Speakers	SILVER/9 SAT	Speaker	6
SPKAM	Meyer Sound	AMIE	Speaker	3
SUBAM	Meyer Sound	AMIE-SUB	Speaker	1
SW1	Snap One	AN-310-SW-R-8	Switch	1
TSR310	Crestron	TSR-310	Remote	1
TSTAT2	Crestron	HZ-THSTAT-W	Thermostat	2
UPS1	Snap One	WB-OVRC-UPS-1500-1	UPS	1

Pre-Wire Schedule by Room													
	To Room Name	To Room No	To Floor	To Area	To Location	From Floor	From Room Name	From Area	Wire Number	Wire Type	FUNCTION	Wire Length (ft)	
Count	AV Room	207	2nd Floor	AV Room	#1 Theater TSTAT	2nd Floor	AV Room	Theater Rack	203	CNET-TEA/YEL	Control	125	
	AV Room	207	2nd Floor	AV Room	#2 AV Room TSTAT	2nd Floor	AV Room	Theater Rack	204	CNET-TEA/YEL	Control	125	
	AV Room	207	2nd Floor	AV Room	Projector	2nd Floor	AV Room	Theater Rack	230	SJO 14/2-BLK	AC Power	125	
	AV Room	207	2nd Floor	AV Room	Projector	2nd Floor	House Office Closet	House Video Rack	206	CAT6-DBLU	Network	125	
	AV Room	207	2nd Floor	AV Room	Projector	2nd Floor	House Office Closet	House Video Rack	205	CAT6-GRN	Projector Video	125	
	AV Room	207	2nd Floor	Theater Rack		2nd Floor	House Office Closet	House Audio Rack	202	22/1PR-TEA/YEL	Control	125	
	AV Room	207	2nd Floor	Theater Rack		2nd Floor	House Office Closet	House Video Rack	201	CAT6-GRN	Processor Audio	125	
	AV Room	207	2nd Floor	Theater Rack		2nd Floor	House Office Closet	House Video Rack	200	CAT6-DBLU	Network	125	
		Theater	208	2nd Floor		East Step Light	2nd Floor	AV Room	AV Room	229	ROMEX 14/2-GRY	Step Lights	125
		Theater	208	2nd Floor		East Wall	2nd Floor	AV Room	AV Room	224	CAT6-ORG	Remote Temp Sensor	125
		Theater	208	2nd Floor		South West Sconce	2nd Floor	AV Room	AV Room	227	ROMEX 14/2-GRY	Sconces	125
		Theater	208	2nd Floor		North West Front Can	2nd Floor	AV Room	AV Room	226	ROMEX 14/2-GRY	Front Cans	125
		Theater	208	2nd Floor		South West Ceiling Can	2nd Floor	AV Room	AV Room	228	ROMEX 14/2-GRY	Ceiling Cans	125
		Theater	208	2nd Floor		Left	2nd Floor	AV Room	Theater Rack	207	22/1PR-DGRY	Front Speakers	125
		Theater	208	2nd Floor		Center	2nd Floor	AV Room	Theater Rack	208	22/1PR-DGRY	Front Speakers	125
		Theater	208	2nd Floor		Right	2nd Floor	AV Room	Theater Rack	209	22/1PR-DGRY	Front Speakers	125
		Theater	208	2nd Floor		Under CTR	2nd Floor	AV Room	Theater Rack	210	22/1PR-DGRY	Front Speakers	125
		Theater	208	2nd Floor		LS1	2nd Floor	AV Room	Theater Rack	211	14/2-BLU	Bed Speakers	125
		Theater	208	2nd Floor		LRS	2nd Floor	AV Room	Theater Rack	213	14/2-BLU	Bed Speakers	125
		Theater	208	2nd Floor		LS2	2nd Floor	AV Room	Theater Rack	212	14/2-BLU	Bed Speakers	125
		Theater	208	2nd Floor		RRS	2nd Floor	AV Room	Theater Rack	214	14/2-BLU	Bed Speakers	125
		Theater	208	2nd Floor		RS2	2nd Floor	AV Room	Theater Rack	215	14/2-BLU	Bed Speakers	125
	Theater	208	2nd Floor		RS1	2nd Floor	AV Room	Theater Rack	216	14/2-BLU	Bed Speakers	125	
	Theater	208	2nd Floor		LTF	2nd Floor	AV Room	Theater Rack	217	14/2-BLU	Overhead Speakers	125	
	Theater	208	2nd Floor		LTM	2nd Floor	AV Room	Theater Rack	218	14/2-BLU	Overhead Speakers	125	
	Theater	208	2nd Floor		LTR	2nd Floor	AV Room	Theater Rack	219	14/2-BLU	Overhead Speakers	125	
	Theater	208	2nd Floor		RTR	2nd Floor	AV Room	Theater Rack	220	14/2-BLU	Overhead Speakers	125	
	Theater	208	2nd Floor		M	2nd Floor	AV Room	Theater Rack	221	14/2-BLU	Overhead Speakers	125	
	Theater	208	2nd Floor		RTF	2nd Floor	AV Room	Theater Rack	222	14/2-BLU	Overhead Speakers	125	
	Theater	208	2nd Floor		West Wall Keypad	2nd Floor	AV Room	Theater Rack	225	CNET-TEA/YEL	Control	125	
	Theater	208	2nd Floor		Curtain	2nd Floor	AV Room	Theater Rack	223	CNET-TEA/YEL	Control	125	
Count		23											

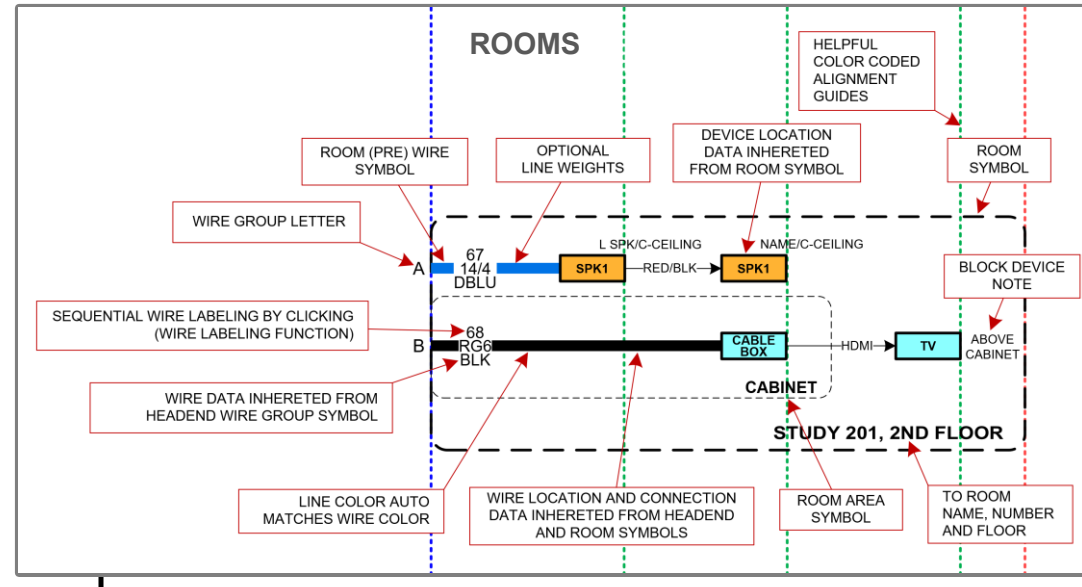
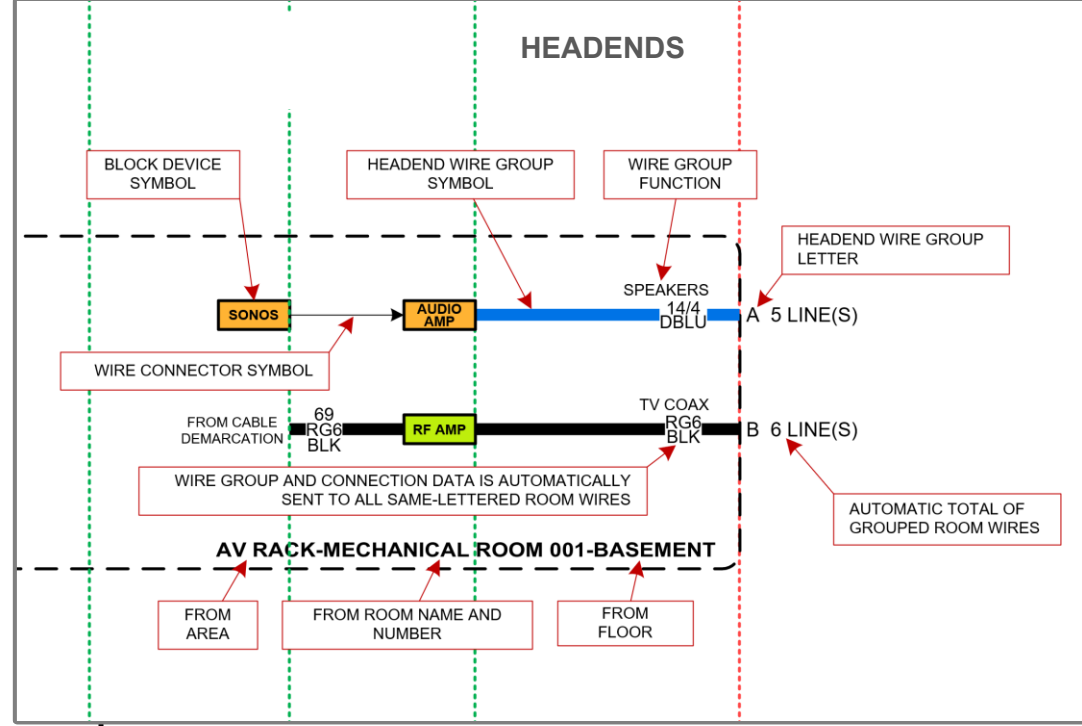
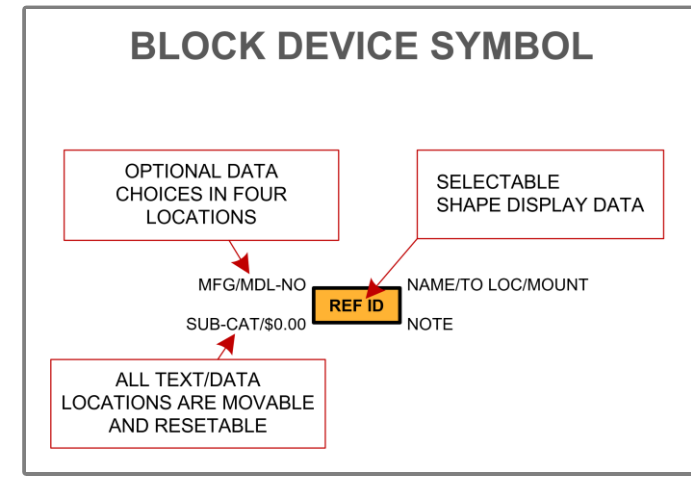
BoM by Manufacturer				
Manufacturer	Model No	Subcategory	Reference ID	Quantity
Crestron	AMP-2210T	Amplifier	AMP1	6
Crestron	CHV-RTS	Sensor	RTS1	1
Crestron	CLW-DIMEX-P-B-S	Dimmer	DIM1	4
Crestron	CNTBLOCK	Block	DBLK1	1
Crestron	CSM-QMTDC-275-4-CN	Shade	CURT1	1
Crestron	DM-NVX-D30	Decoder	NVXD1	2
Crestron	HZ-KPCN-B	Keypad	LKP2	1
Crestron	HZ-THSTAT-W	Thermostat	TSTAT2	2
Crestron	TSR-310	Remote	TSR310	1
Indy Audio Labs	Acurus MUSE	Processor	APROC1	1
Manufacturer (TBD)	Model (TBD)	Subcategory	FIXT1	10
Manufacturer (TBD)	Model (TBD)	Subcategory	FIXT2	4
Manufacturer (TBD)	Model (TBD)	Subcategory	FIXT3	2
Meyer Sound	AMIE	Speaker	SPKAM	3
Meyer Sound	AMIE-SUB	Speaker	SUBAM	1
Seymour Screen Ex.	1F110WS-NEO	Screen	SCREEN1	1
Snap One	AN-310-SW-R-8	Switch	SW1	1
Snap One	WB-800-IPVM-12	PDU	PDU1	1
Snap One	WB-OVRC-UPS-1500-1	UPS	UPS1	1
Sony	VPL-VW715ES	Projector	PROJ1	1
Triad Speakers	Silver IN-WALL/4 Sat	Speaker	SPK5	6
Triad Speakers	SILVER/9 SAT	Speaker	SPK6	6

Auto generated reports turn into Excel reports when double clicked

Block diagram symbols have many attributes and display options

All device (equipment) and wire symbols automatically inherit the area they're in

All wire symbols automatically inherit the equipment they're connected to



NOTICE:
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE PERMISSION OF INTEGRITY DESIGN GROUP TO ALTER OR COPY ANY PART OF THIS DOCUMENT IN ANY WAY. THIS DOCUMENT IS THE PROPERTY OF INTEGRITY DESIGN GROUP AND SHALL NOT BE DUPLICATED WITHOUT WRITTEN PERMISSION FROM INTEGRITY DESIGN GROUP.

TITLE
BLACKFORD - ATKINSON, NH

DESCRIPTION
CINEMA SYSTEM BLOCK DIAGRAM

PROJECT MANAGER

DRAWN BY

DATE
08/31/2025

REVISED
08/31/2025

NEXT WIRE NO.
231

SCALE
NONE

PROJECT NUMBER

PAGE
11 OF 20

Next wire number

Device Reference ID

Wire groups determine block wire specs

Easily transform block diagram symbols into other drawing symbols on other pages

Device Status: new, existing or future

Card frame

I/O Cards

Interconnect wires

Wire references eliminate drawing clutter

Power management equipment shows current capacity

Reminders

Block symbols transformed into schematic symbols

Easily transform schematic device symbols into scaled rack symbols

Infrastructure wiring

Rooms

Headends

Equipment shows typical current draw

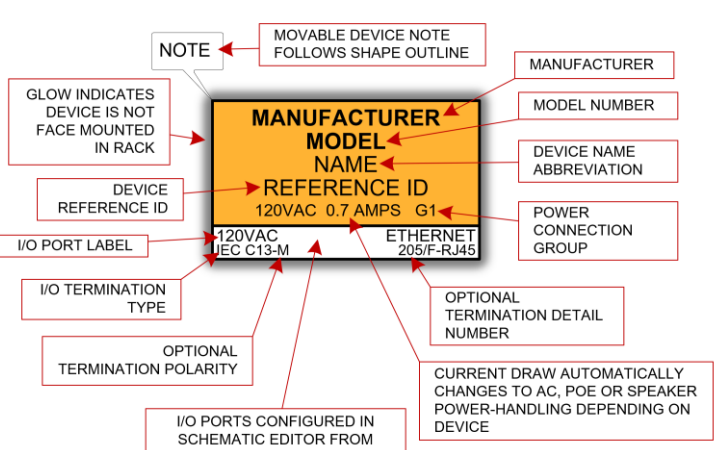
Termination wiring details. Detail number noted in schematic I/Os

The scale of the page can be adjusted to ensure optimal fit for the drawing's contents

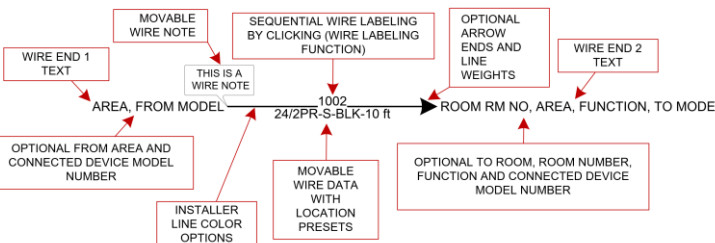
Easily create any schematic symbol from the samples library and edit or clone I/O ports with the I/O editor

Schematic diagram symbols have many attributes and display options

SCHEMATIC DEVICE SYMBOL (OR SELECTABLE PLUG-IN I/O CARD)



SCHEMATIC WIRE SYMBOL (INPUT, OUTPUT, INPUT/OUTPUT OR INTERCONNECT WIRE)



DEVICE CATEGORY COLORS			
AUDIO	COMM	LITE	VAC
VIDEO	POWER	SHD	FLUSH
CONTROL	HW	HW	HW
NET	SUP	AGS	SEC
NETWORK	SURV	ACCESS	SECURITY
INFORMATION	CONTROL		

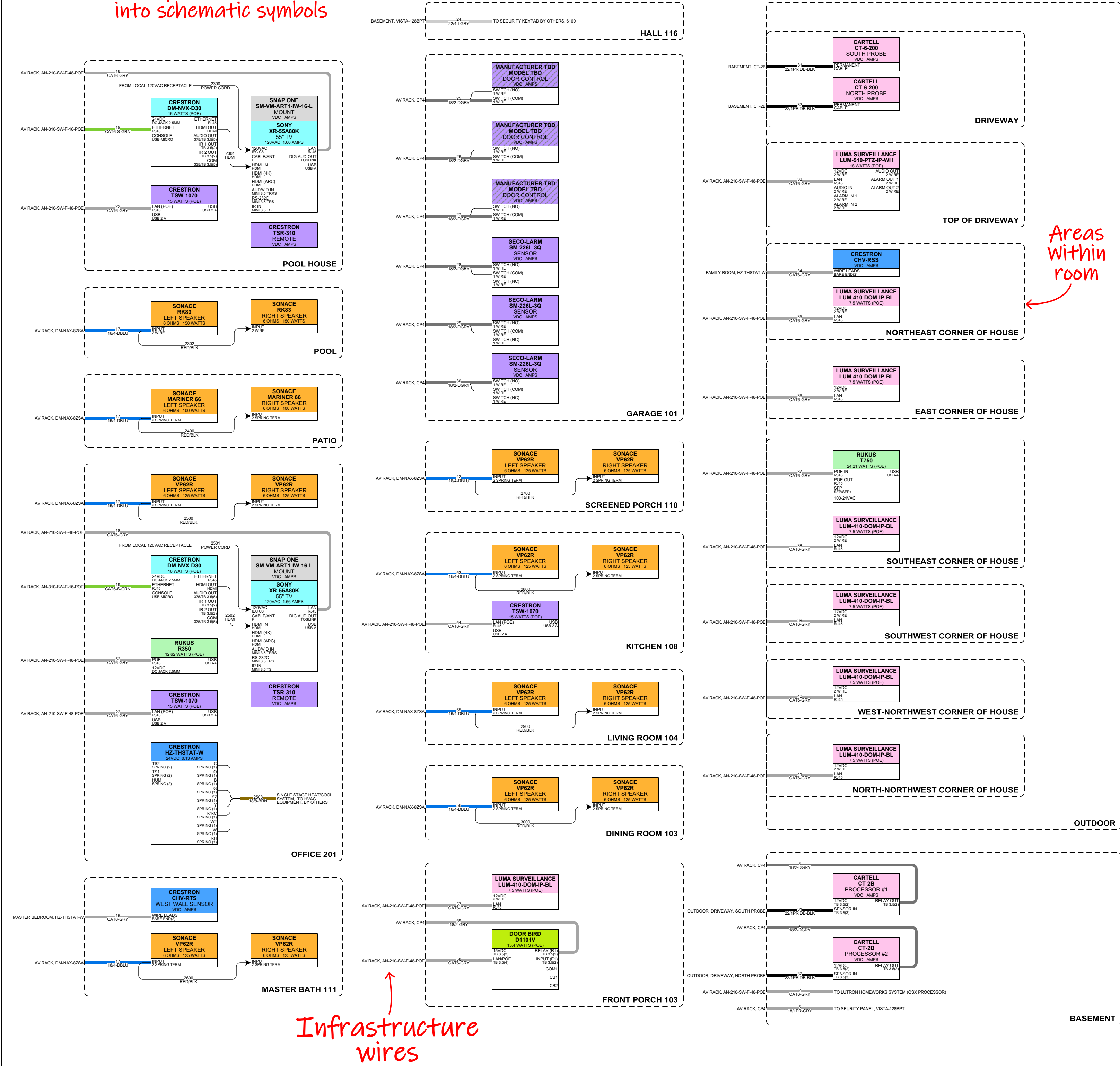
DEVICE STATUS	
NEW	EXISTING
FUTURE	

DEVICE MOUNT TYPE ABBREVIATIONS	
C = CEILING	POD = PODIUM
DES = DESKTOP	POL = POLE
FL = FLOOR	RK = RACK
F = FLUSH	R = ROOF
G = GROUND	REC = RECESSED
H = HIDDEN	SH = SHELF
M = MULLION	S = SURFACE
O = OUTDOOR	T = TURNSTYLE
P = PEDISTAL	W = WALL

NOTICE:
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE PERMISSION OF INTEGRITY DESIGN GROUP TO ALTER OR COPY ANY PART OF THIS DOCUMENT IN ANY WAY. THIS DOCUMENT IS THE PROPERTY OF INTEGRITY DESIGN GROUP AND SHALL NOT BE DUPLICATED WITHOUT WRITTEN PERMISSION FROM INTEGRITY DESIGN GROUP.

TITLE	BLACKFORD - ATKINSON, NH
DESCRIPTION	AV RACK AND ROOM SCHEMATICS
PROJECT MANAGER	
DRAWN BY	
DATE	08/31/2025
REVISED	08/31/2025
NEXT WIRE NO.	1045
SCALE	NONE
PROJECT NUMBER	
PAGE	12 OF 20

Block symbols transformed into schematic symbols



Infrastructure wires

DEVICE CATEGORY COLORS			
AUDIO	COMM	LTG	VACU
VIDEO	POWER	SHD	FURN
CONTROL	HW	HW	HW
NET	SUP	ACC	SEC
NETWORK	SURVEILLANCE	ACCESS	SECURITY

DEVICE STATUS	
NEW	EXISTING
FUTURE	

DEVICE MOUNT TYPE ABBREVIATIONS	
C = CEILING	POD = PODIUM
DES = DESKTOP	POL = POLE
FL = FLOOR	R = RACK
F = FLUSH	R = ROOF
G = GROUND	REC = RECESSED
H = HIDDEN	SH = SHIELF
M = MULLION	S = SURFACE
O = OUTDOOR	T = TURNSTILE
P = PEDISTAL	W = WALL

NOTICE:
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE PERMISSION OF INTEGRITY DESIGN GROUP TO ALTER OR COPY ANY PART OF THIS DOCUMENT IN ANY WAY. THIS DOCUMENT IS THE PROPERTY OF INTEGRITY DESIGN GROUP AND SHALL NOT BE DUPLICATED WITHOUT WRITTEN PERMISSION FROM INTEGRITY DESIGN GROUP.

TITLE
BLACKFORD - ATKINSON, NH

DESCRIPTION
ROOM SCHEMATICS

PROJECT MANAGER

DRAWN BY

DATE
08/31/2025

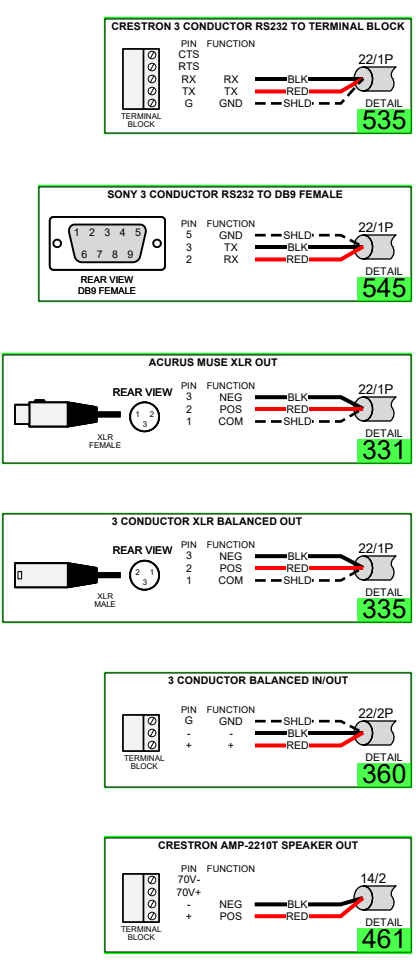
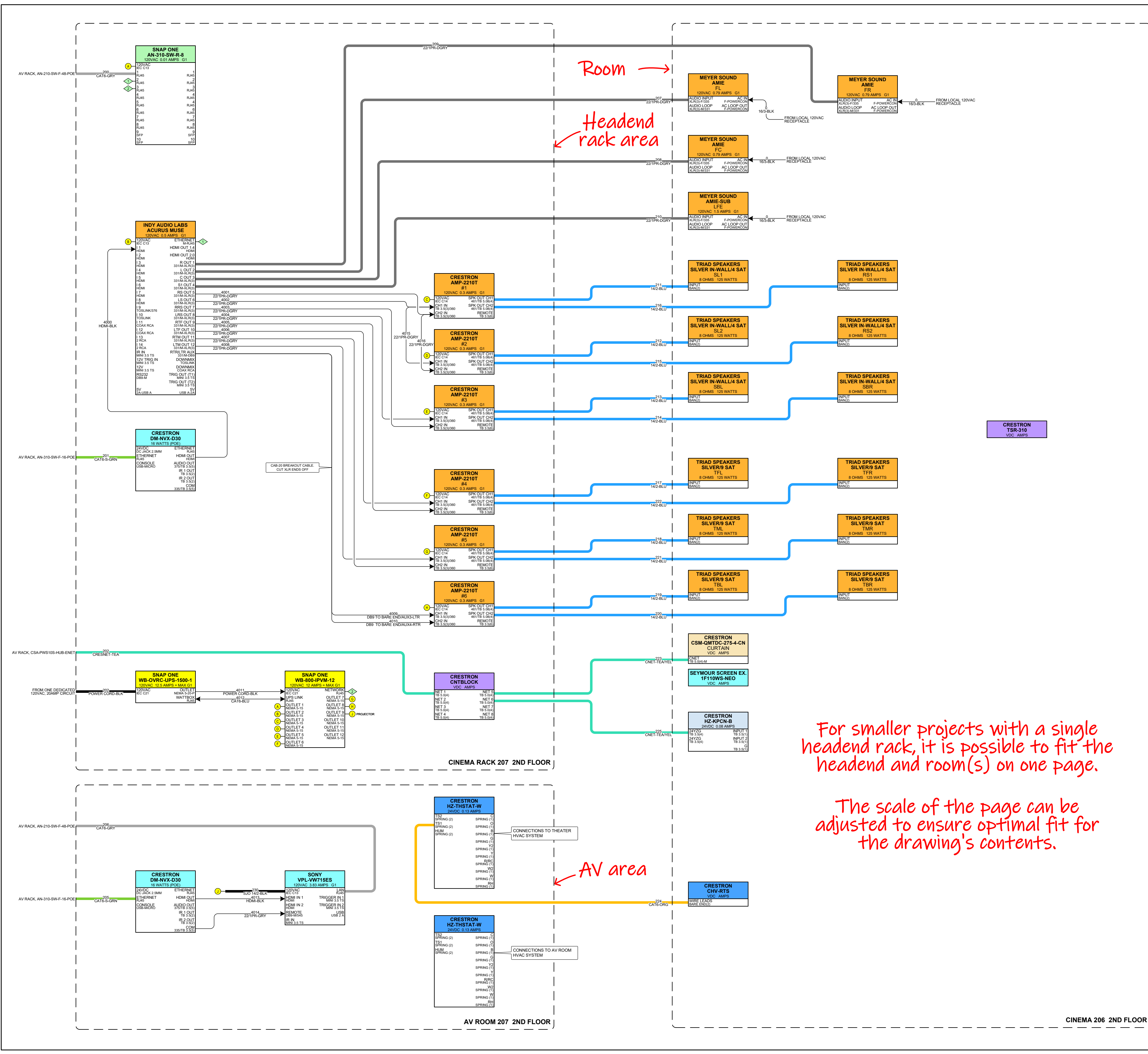
REVISED
08/31/2025

NEXT WIRE NO.
0

SCALE
NONE

PROJECT NUMBER

PAGE
13 OF 20



INTEGRITY DESIGN GROUP

194 WEST STREET
MILFORD, MA 01747
508-634-1442
EICUSTOM.COM

DEVICE CATEGORY COLORS

AUDIO

COMMUNICATIONS

CONTROL

NETWORK

INFRARED

VIDEO

POWER

SURVEILLANCE

LIGHTING

HVAC

SECURITY

SHADES

HARDWARE

ACCESS

VACUUM

FURNISHINGS

POLE

RECESSED

SH = SHEL

CONTROL

ALARM

DEVICE STATUS

NEW

EXISTING

FUTURE

DEVICE MOUNT TYPE ABBREVIATIONS

C = CEILING

DES = DESKTOP

FL = FLOOR

F = FLUSH

G = GROUND

H = HIDDEN

M = MULLION

O = OUTDOOR

P = PEDISTAL

POD = PODIUM

POL = POLE

RK = RACK

R = ROOF

REC = RECESSED

SH = SHEL

S = SURFACE

T = TURNSTYLE

W = WALL

NOTICE:

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE PERMISSION OF INTEGRITY DESIGN GROUP TO ALTER OR COPY ANY PART OF THIS DOCUMENT IN ANY WAY. THIS DOCUMENT IS THE PROPERTY OF INTEGRITY DESIGN GROUP AND SHALL NOT BE DUPLICATED WITHOUT WRITTEN PERMISSION FROM INTEGRITY DESIGN GROUP.

TITLE

BLACKFORD - ATKINSON, NH

DESCRIPTION

CINEMA SCHEMATICS

PROJECT MANAGER

DRAWN BY

DATE

08/31/2025

REVISED

08/31/2025

NEXT WIRE NO.

4017

SCALE

NONE

PROJECT NUMBER

PAGE

14 OF 20

AC Current and Ventilation Totals			
	Current [Typical] (Amps)	Heat [Typical] (Btu/h)	Ventilation [Typical] (CFM)
Total	23.97	6453.31	597.53

Rack(s) Bill of Materials				
Manufacturer	Model No	Description	Pieces/Package	Quantity
Kaleidescape	KMOUNT-K0110-K0217-RM	Kaleidescape - Terra (compact)/Strato C Rack-Mount Hardware - Black		1
Middle Atlantic	BGR-3827	BGR SERIES 19" GANGABLE ENCLOSURES		1
Middle Atlantic	BR1	1 RU Brush Grommet Panel		2
Middle Atlantic	HP	10-32 Rackscrew Truss-Head - 100 Piece		1
Middle Atlantic	LBP-4A	Lace Bar 4 Inch Offset, L-Shaped - 10 Pieces		1
Middle Atlantic	UTR1	UTR1 - Half / third rack shelf		6
Middle Atlantic	VTF1	1 RU Rack Vent Panel, Perforated with 25% Open Area		11

Rear view of the rack shows anything mounted on the back rails

Auto generated tables for AC current, Btu/hr, CFM requirements, rack BOM and rack dimensions

Universal Rack converted to real rack after data linking

Accessories are automatically added to the rack BOM

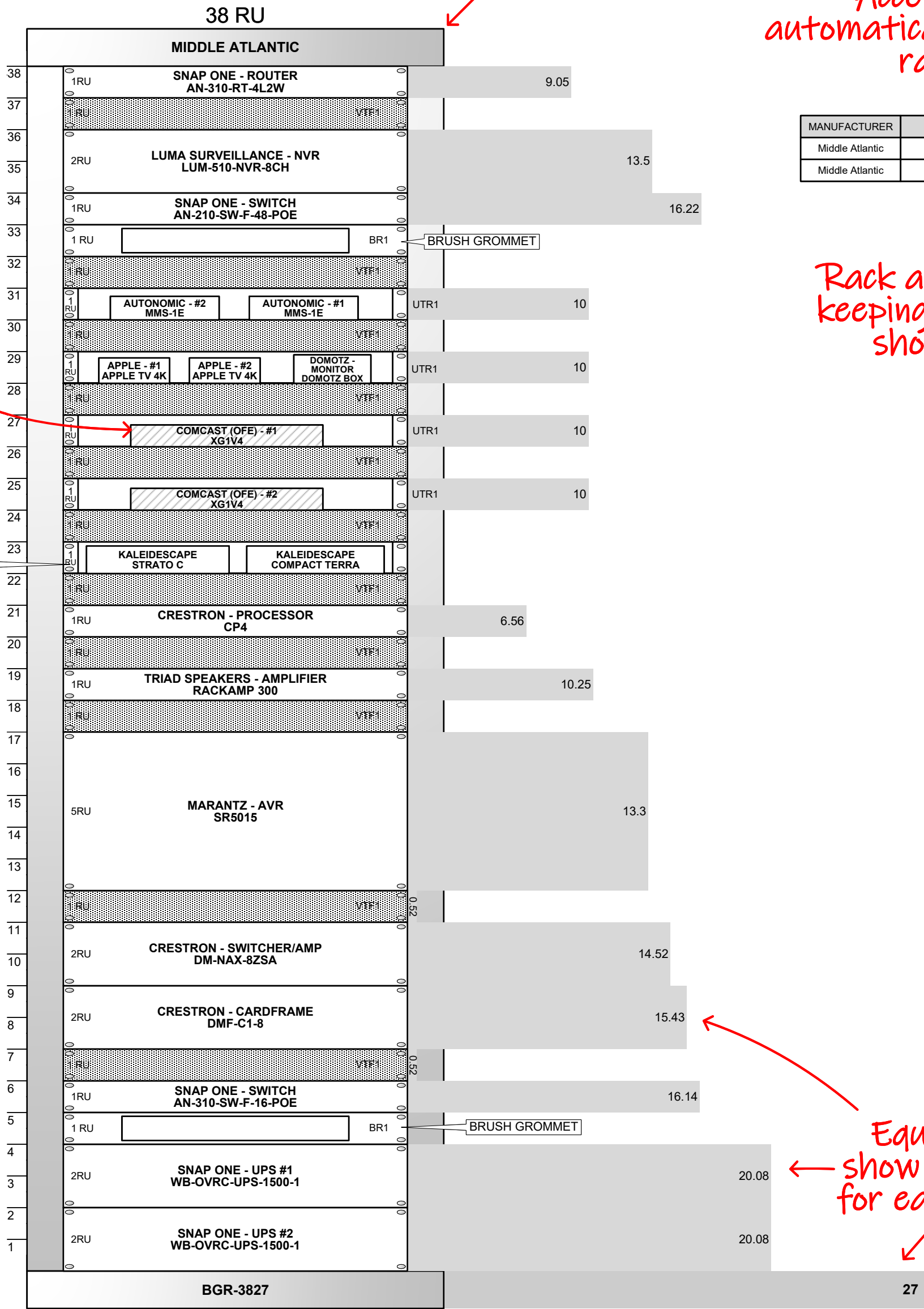
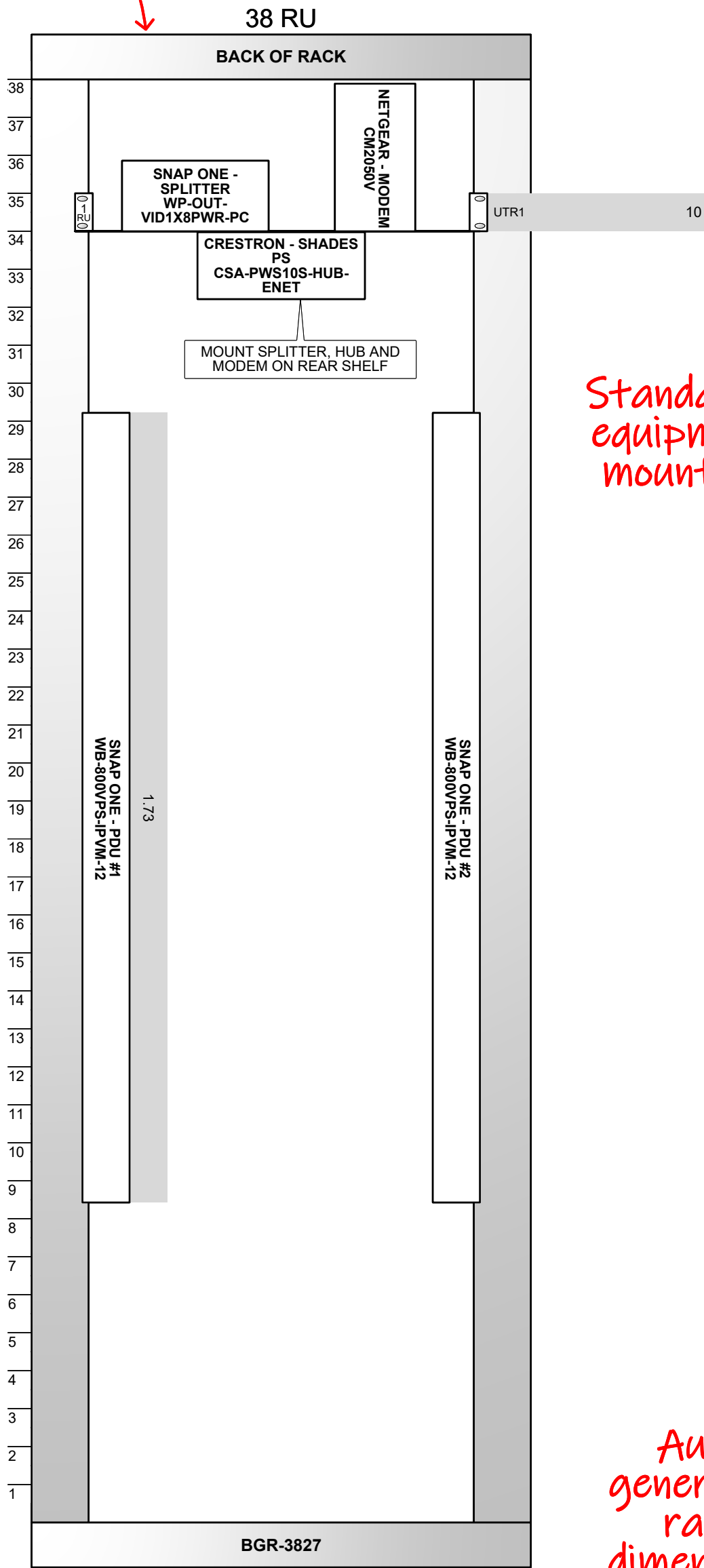
ACCESSORIES			
MANUFACTURER	MODEL NO	DESCRIPTION	PCS/ PKG
Middle Atlantic	LBP-4A	Lace Bar 4 Inch Offset, L-Shape...	
Middle Atlantic	HP	10-32 Rackscrew Truss-Head - 100 ...	

Rack accessories table for keeping track of items not shown in the racks.

Standalone equipment mounting

Auto generated rack dimensions table

Auto Rack Ruler for helping techs match equipment to the drawing



Rack Dimensions					
Manufacturer	Model No	Rack Height (RU)	Overall Rack Height (in)	Width (in)	Depth (in)
Middle Atlantic	BGR-3827	38	70.63	23	27

DEVICE CATEGORY COLORS			
AUD	COM	LTV	VAC
VIDEO	POWER	SHD	FUR
CONTROL	HWAC	HW	FLR
NET	SUR	ACS	SEC
NETWORK	SURVEILLANCE	ACCESS	SECURITY
INFRASTRUCTURE	CONTROL	ALARM	

DEVICE STATUS		
NEW	EXISTING	FUTURE

DEVICE MOUNT TYPE ABBREVIATIONS	
C = CEILING	POD = PODIUM
DES = DESKTOP	POL = POLE
FL = FLOOR	RL = RACK
F = FLUSH	R = ROOF
G = GROUND	REC = RECESSED
H = HIDDEN	SH = SHIELF
M = MULLION	S = SURFACE
O = OUTDOOR	T = TURNSTILE
P = PEDISTAL	W = WALL

NOTICE:
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE PERMISSION OF INTEGRITY DESIGN GROUP TO ALTER OR COPY ANY PART OF THIS DOCUMENT IN ANY WAY. THIS DOCUMENT IS THE PROPERTY OF INTEGRITY DESIGN GROUP AND SHALL NOT BE DUPLICATED WITHOUT WRITTEN PERMISSION FROM INTEGRITY DESIGN GROUP.

TITLE
BLACKFORD - ATKINSON, NH
DESCRIPTION
CINEMA WALL ELEVATIONS

PROJECT MANAGER

DRAWN BY

DATE
08/31/2025

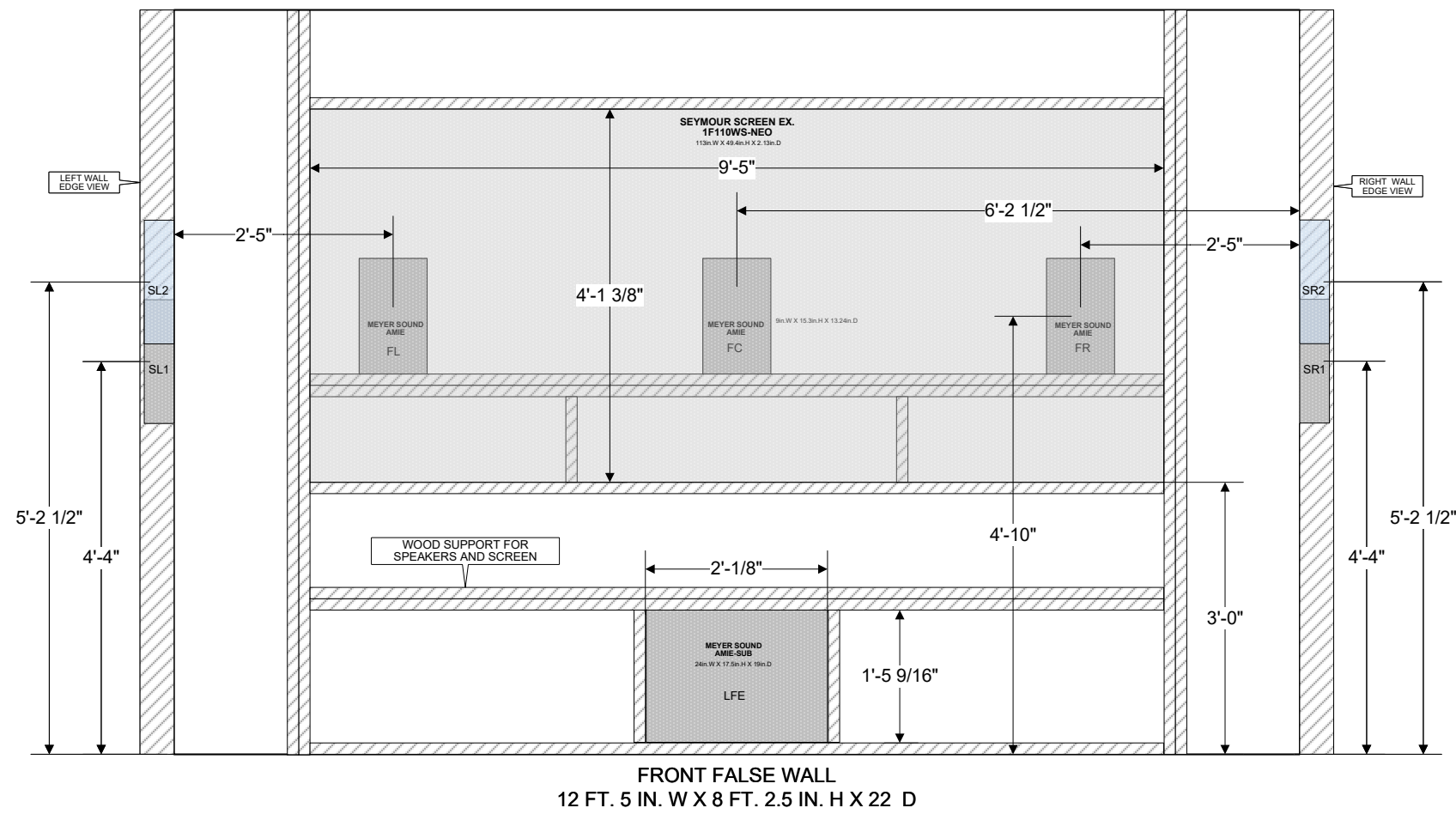
REVISED
08/31/2025

NEXT WIRE NO.

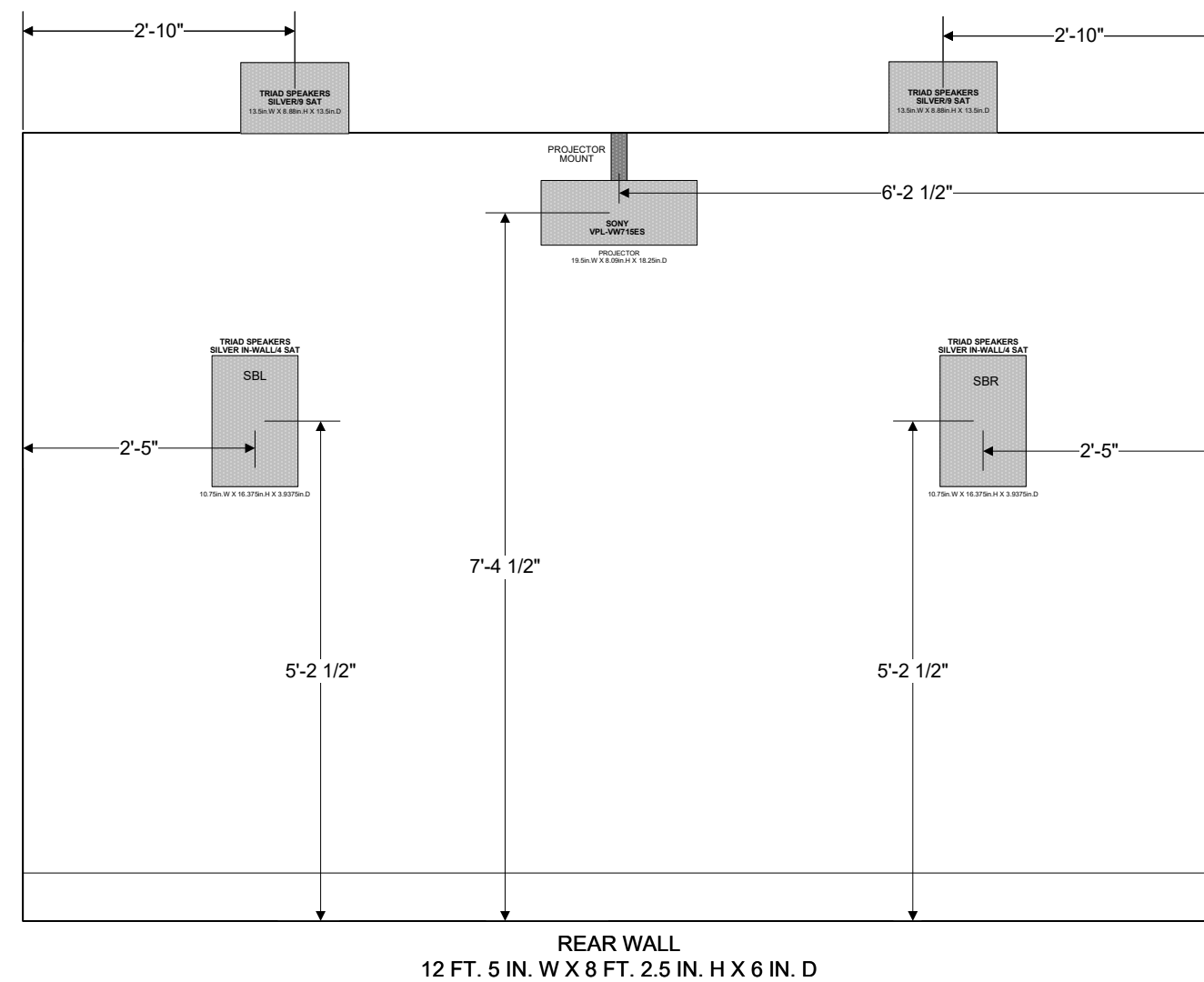
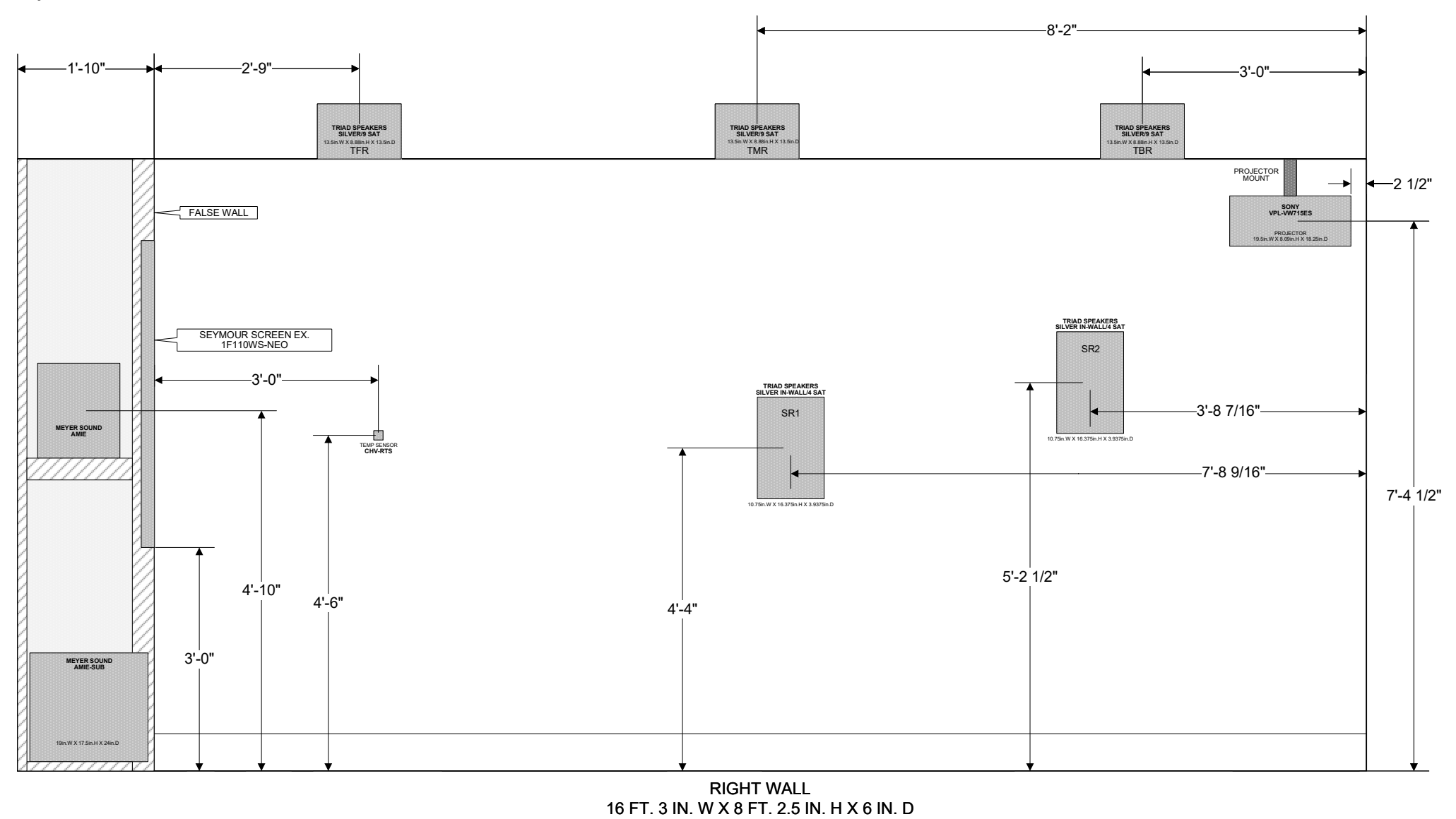
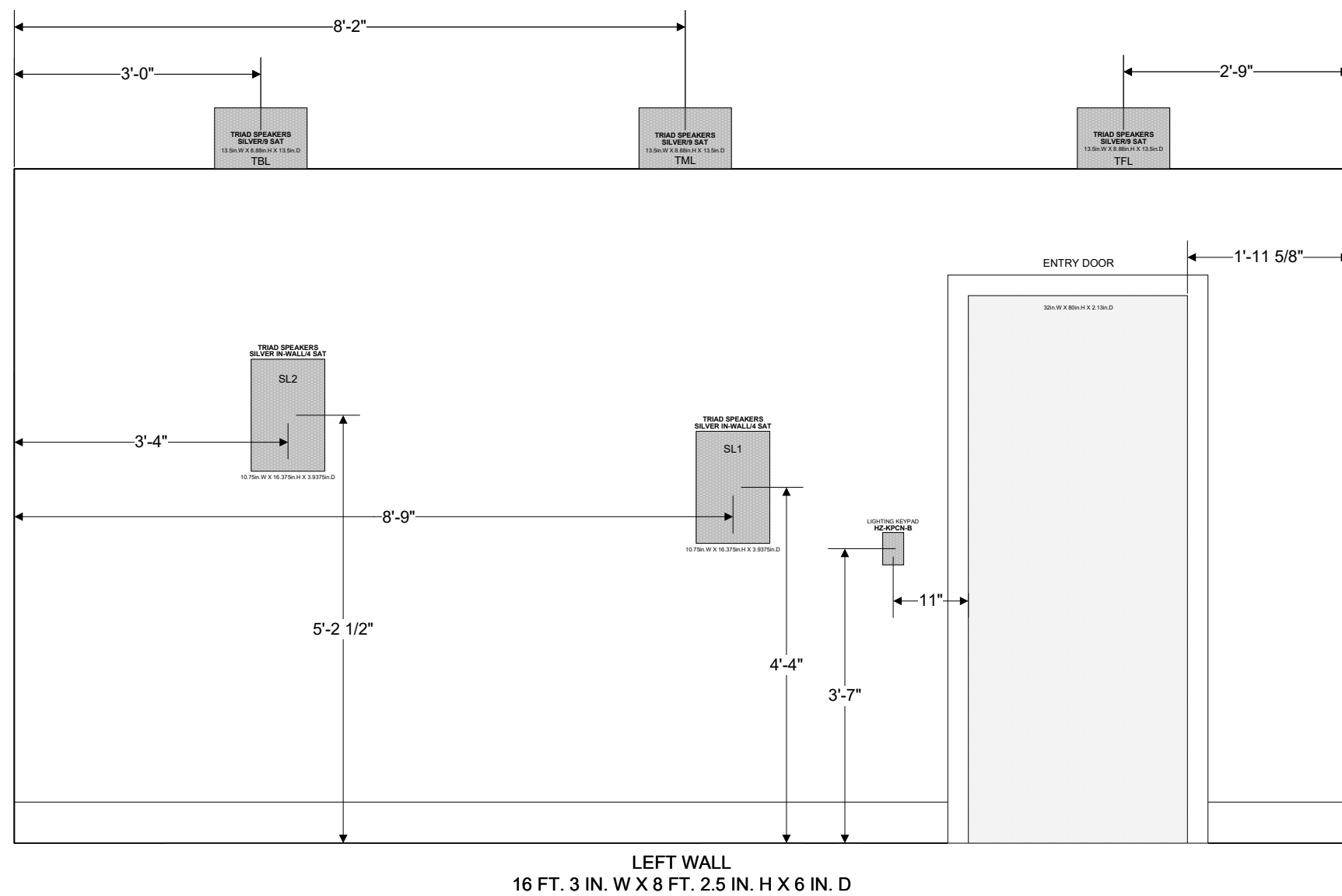
SCALE
35/64" = 1'-0"

PROJECT NUMBER

PAGE
17 OF 20



Create any scaled wall or room layout from the wall elevation symbol library

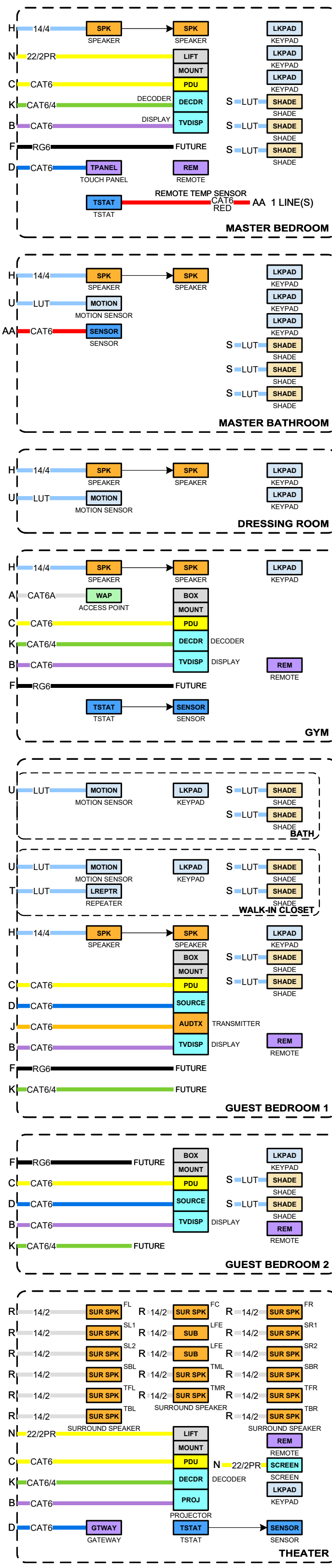
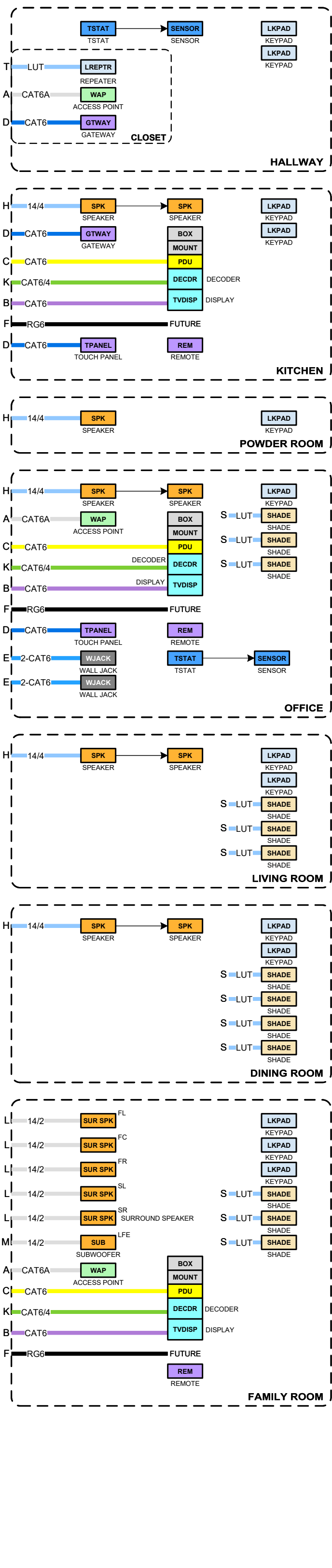
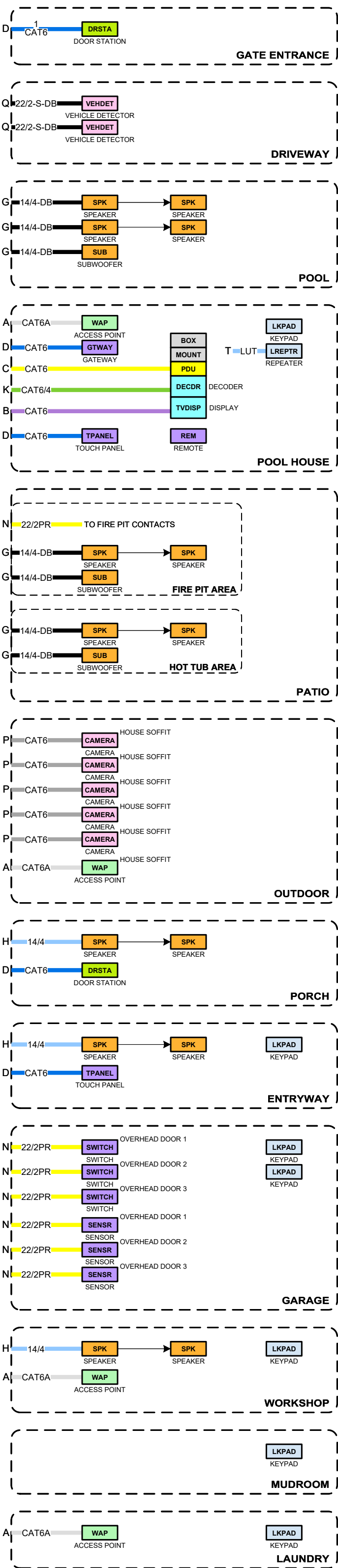
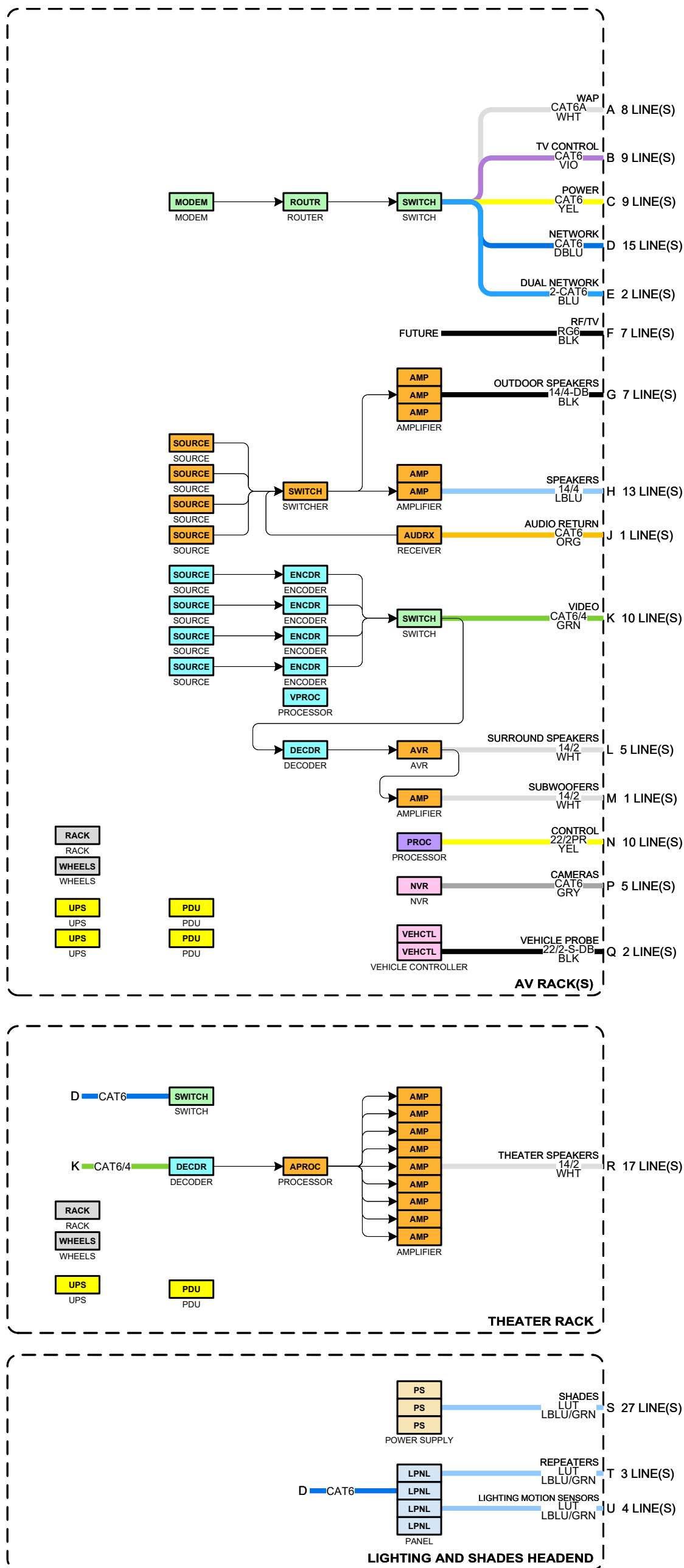


The Wall Elevations symbol library includes a variety of elements including walls, blocking, wall studs, raceways, panels, backboxes, enclosures, devices, dimensions, among others

Each element offers numerous attributes and display options

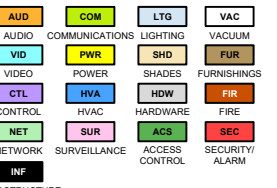
Visual Estimator Template

Simply Reconfigure this Design Template...



Visual Estimator Example

DEVICE CATEGORY COLORS



DEVICE STATUS

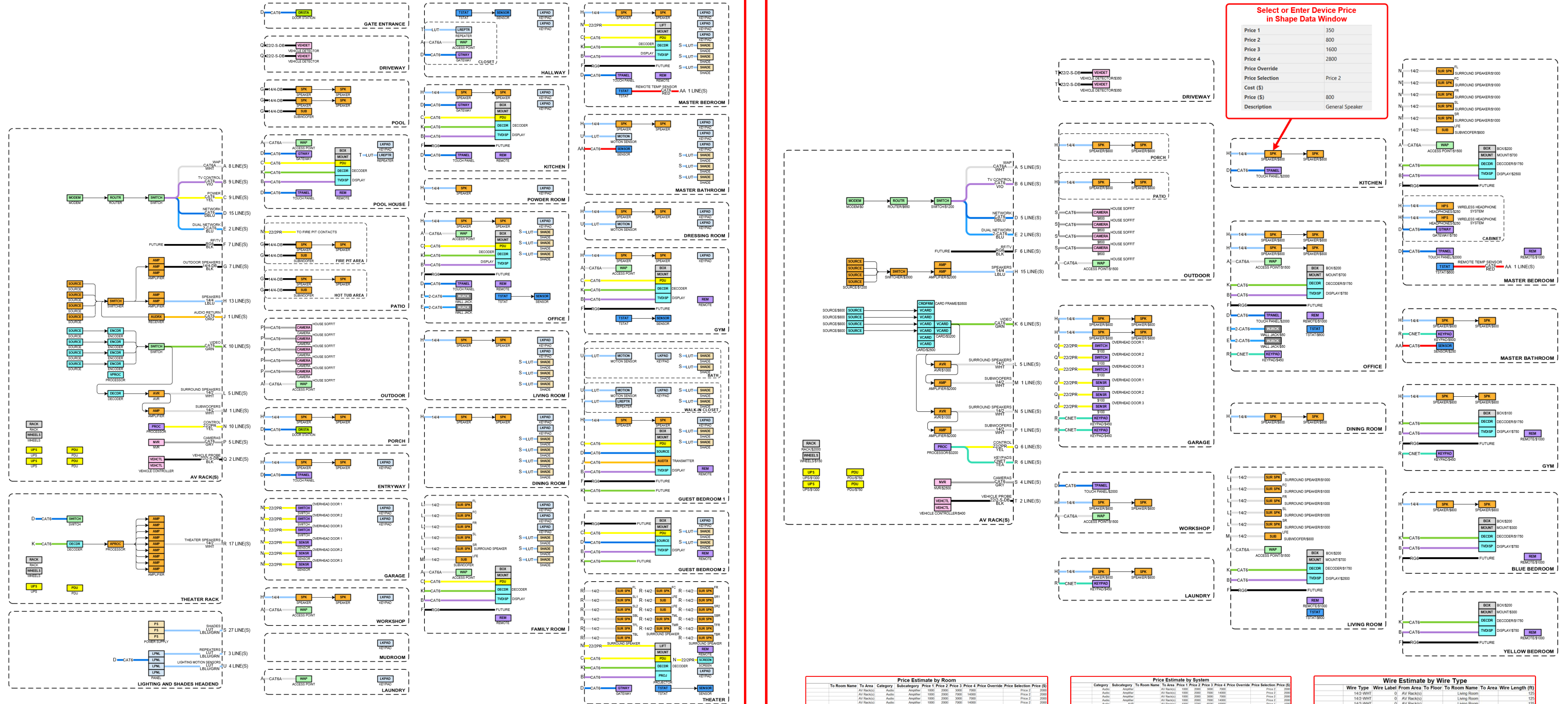


DEVICE MOUNT TYPE ABBREVIATIONS

C = CEILING
DES = DESKTOP
FL = FLOOR
F = FLUSH
G = GROUND
H = HIDDEN
O = OUTDOOR
P = PEDISTAL
POD = PODIUM
POL = POLE
RL = RACK
R = ROOF
REC = RECESSED
SH = SHELF
S = SURFACE
T = TURNSTYLE
W = WALL

Simply Reconfigure the
Provided Template...

...to Achieve Your Client's Design
and...



NOTICE:
IT IS A VIOLATION OF LAW FOR ANY
PERSON, UNLESS ACTING UNDER
THE PERMISSION OF INTEGRITY
DESIGN GROUP TO ALTER OR COPY
ANY PART OF THIS DOCUMENT IN
ANY WAY. THIS DOCUMENT IS THE
PROPERTY OF INTEGRITY DESIGN
GROUP AND SHALL NOT BE
DUPLICATED WITHOUT WRITTEN
PERMISSION FROM INTEGRITY
DESIGN GROUP.

TITLE
**BLACKFORD -
ATKINSON, NH**
DESCRIPTION
ESTIMATOR EXAMPLE

PROJECT MANAGER

DRAWN BY

DATE

REVISED

08/31/2025

08/31/2025

NEXT WIRE NO.

SCALE

PROJECT NUMBER

PAGE

19 OF 20

...Full-System Pricing and
Wire Estimate *in Minutes*

SPADE LUG STYLES:	TERMINAL BLOCK (TB) STYLES: MULTI-PIN: 3.5MM, 0.9MM, 7.0MM, 7MM	PUNCH DOWN BLOCK STYLES: MULTI-PIN: 66, 110
RING LUG STYLES:	BARE END WIRE STYLES:	MINI-ON MALE REAR VIEW STYLES: 4-3PIN
RJ45 MALE STYLES: 8 PIN, T568A, T568B	RJ11 MALE STYLES: 6 PIN	RJ45 FEMALE STYLES: 8 PIN, T568A, T568B
RJ45 FEMALE IDC BLOCK STYLES: 8 PIN, T568A, T568B	RCA MALE STYLES:	BNC MALE STYLES:
F MALE STYLES: F, N	HDMI STYLES: HDMI, MINI HDMI	DVI STYLES: DVI-A, DVI-I, DVI-D
VGA HD15 STYLES: VGA, SVGA	T9 PLUG SHIELD TIP+ RING STYLES: MINI: 2.0MM, 3.2MM, .10", .11"	TRS PLUG SHIELD TIP+ RING STYLES: MINI: 2.0MM, 3.2MM, .10", .11"
XLR MALE REAR VIEW STYLES: 3-PIN	XLR FEMALE REAR VIEW STYLES: 3-PIN	MINI XLR MALE REAR VIEW STYLES: 3-PIN, MINI XLR, TA
MINI XLR FEMALE REAR VIEW STYLES: 3-PIN, MINI XLR, TA	BANANA PLUG STYLES:	DUAL BANANA PLUG STYLES:
SPEAKER REAR VIEW STYLES:	DB9 MALE REAR VIEW STYLES:	B9 FEMALE REAR VIEW STYLES:
DB9 TO TB ADAPTER STYLES: 1 2 3 4 5 6 7 8 9	DC COAXIAL POWER PLUG SHIELD TIP+ STYLES: 1.30MM, 1.0MM, 1.9MM, 2.1MM, 2.0MM, 1.0MM, 0.9MM, 0.9MM	POWERCON REAR VIEW STYLES:
IEC C13 (FEMALE) STYLES:	IEC C17 (FEMALE) STYLES:	IEC C9 (FEMALE) STYLES:
NEMA 1-15P (MALE) STYLES:	NEMA 5-15P (MALE) STYLES:	NEMA 5-20P (MALE) STYLES:
IEC C7 (FEMALE) STYLES:	IEC C21 (FEMALE) STYLES:	IEC C19 (FEMALE) STYLES:
USB STYLES: USB 1.1, 2.0, 3.0, 3.1	TOSLINK STYLES:	FIBER - SC STYLES: SINGLE, DUPLEX
FIBER - MU STYLES: SINGLE, DUPLEX	FIBER - LC STYLES: SINGLE, DUPLEX	FIBER - ST STYLES: SINGLE, DUPLEX
DUAL FIBER - MT-RJ STYLES: DUPLEX		

COAX RCA OR TS IN/OUT

3 CONDUCTOR RCA OR TS IN

3 CONDUCTOR RCA OR TS OUT

COAX TS IN/OUT

2 COAX STEREO TRS IN/OUT

3 CONDUCTOR TRS BALANCED IN/OUT

3 CONDUCTOR XLR BALANCED IN

3 CONDUCTOR XLR BALANCED OUT

3 CONDUCTOR XLR UNBALANCED IN

3 CONDUCTOR XLR UNBALANCED OUT

2 COAX STEREO UNBALANCED IN

2 COAX STEREO UNBALANCED OUT

3 CONDUCTOR BALANCED IN/OUT

3 CONDUCTOR UNBALANCED IN

3 CONDUCTOR UNBALANCED OUT

5 CONDUCTOR BALANCED IN/OUT

5 CONDUCTOR UNBALANCED IN

6 CONDUCTOR BALANCED IN/OUT

6 CONDUCTOR UNBALANCED OUT

2 CONDUCTOR 1 CHANNEL

2 CONDUCTOR DUAL BANANA 1 CHANNEL

2 CONDUCTOR SPEAKER 1 CHANNEL

TWO 2 CONDUCTOR 2 CHANNEL

4 CONDUCTOR 1 CHANNEL

4 CONDUCTOR 2 CHANNEL

4 CONDUCTOR BANANA 2 CHANNEL

4 CONDUCTOR 2 DUAL BANANA

4 CONDUCTOR SPEAKER 2 CHANNEL

4-CONDUCTOR BRIDGE

CONTROL 1 CHANNEL BRIDGE

CONTROL 2 CHANNEL BRIDGE

CRESTRON DM-MAX 1 CHANNEL

CRESTRON SWAMP 1 CHANNEL

CRESTRON SWAMP 2 CHANNEL

CRESTRON DM-NAX BRIDGE

CRESTRON SWAMP 1 CHANNEL

2 CONDUCTOR TO TS FUNCTION

IR EMITTER TO TERMINAL BLOCK

IR EMITTER TO TS IR OUT

2 CONDUCTOR TO TS IR IN/OUT

IR EMITTER TO CAT5 CABLE

2 CONDUCTOR TO TS TRIGGER/SENSE IN

2 CONDUCTOR TO DRY CONTACT IN

3 CONDUCTOR RS232 TO TERMINAL BLOCK

3 CONDUCTOR RS232 TO DB9 MALE

3 CONDUCTOR RS232 TO DB9 FEMALE

3 CONDUCTOR RS232 TO TRS

3 CONDUCTOR TO TRS TRIGGER/SENSE IN

1 RELAY - LIFT UP/DOWN

2 RELAY - LIFT UP/DOWN

2 RELAY - GARAGE DOOR CONTROL

CONTROL4 DOOR CONTACT IN

CONTROL4 SINGLE RELAY FIREPLACE (FP)

CONTROL4 MOTION SENSOR (MS) IN

CONTROL4 DUAL-RELAY OUT

CONTROL4 DUAL-RELAY BLINDS

CRESTRON IO DRY/WET/SENSE IN

CRESTRON IO 2 DOOR STATUS IN

Copy and paste the termination blocks used in the project on the schematics page(s).