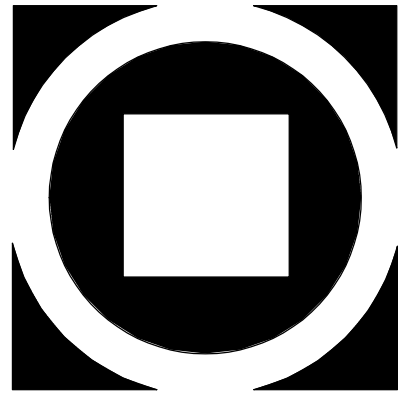
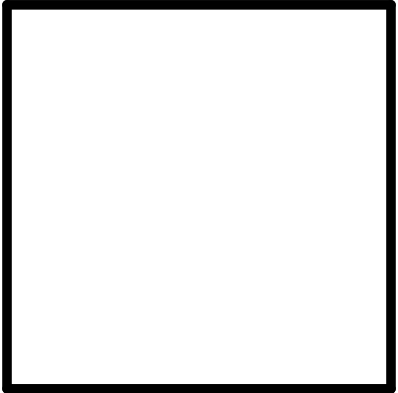


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DIVISION OF RESPONSIBILITIES											
THE FOLLOWING ELEMENTS SHALL BE FURNISHED (F) AND INSTALLED (I) ACCORDING TO THIS MATRIX BY THE FOLLOWING PARTIES OR THEIR AGENTS: (O) OWNER, (GC) GENERAL CONTRACTOR, (EC) ELECTRICAL CONTRACTOR, (SI) SYSTEMS INTEGRATOR.											
O		GC		EC		SI		ELEMENT			
F	I	F	I	F	I	F	I				
				X	X			BACK BOXES - LINE VOLTAGE			
				X	X			BACK BOXES - LOW VOLTAGE			
					X	X		CUSTOM BACK BOXES - LINE VOLTAGE			
					X	X		CUSTOM BACK BOXES - LOW VOLTAGE			
				X	X			RECEPTACLES - LINE VOLTAGE			
						X	X	RECEPTACLES - LOW VOLTAGE			
					X	X		CUSTOM RECETACLES - LINE VOLTAGE			
						X	X	CUSTOM RECEPTACLES - LOW VOLTAGE			
				X	X			ELECTRICAL PANELS			
				X	X			FACE PLATES - LINE VOLTAGE			
						X	X	FACE PLATES - LOW VOLTAGE			
					X	X		CUSTOM FACE PLATES - LINE VOLTAGE			
						X	X	CUSTOM FACE PLATES - LOW VOLTAGE			
				X				CONDUIT SIZING			
				X	X			CONDUIT AND JUNCTION BOXES - LINE VOLTAGE			
				X	X			CONDUIT AND JUNCTION BOXES - LOW VOLTAGE			
				X	X			CABLE - LINE VOLTAGE			
						X	X	CABLE - LOW VOLTAGE			
				X	X			CABLE TERMINATION - LINE VOLTAGE			
						X	X	CABLE TERMINATION - LOW VOLTAGE			
				X	X			TEMPORARY LIGHTING DURING INSTALL NEEDED			
					X			PERFORMANCE VERIFICATION - LINE VOLTAGE			
							X	PERFORMANCE VERIFICATION - LOW VOLTAGE			
							X	COMMISSIONING			
							X	TRAINING			
		X	X					3/4" PLYWOOD BACKING FOR TVS			
REFER TO CONTRACT DOCUMENTS FOR COMPREHENSIVE SCOPE RESPONSIBILITIES AND EXCLUSIONS											
THOSE DOCUMENTS TAKE PRECEDENT WHERE THEY DISAGREE WITH THIS REFERENCE TABLE.											
ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ENSURING THE SCOPE OF THE SYSTEM INTEGRATOR IS COVERED UNDER THEIR OVERALL CONTRACT.											
ALL CABLING, CONDUITS, AND ANY FEASIBLE BACK BOXES/RECEPTACLES FOR LV TO BE INCLUDED IN EC PACKAGE - FINAL EQUIPMENT, INSTALL, STARTUP TO BE COMPLETED BY OWNER VENDORS.											



KIMMEL BOGRETTE
Architecture + Site
Blue Bell PA 19422
482 Norristown Rd., Suite 200
Phone 610.634.7865
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1450 Filling Mill Rd.
Middletown, PA 17057
717-996-4596
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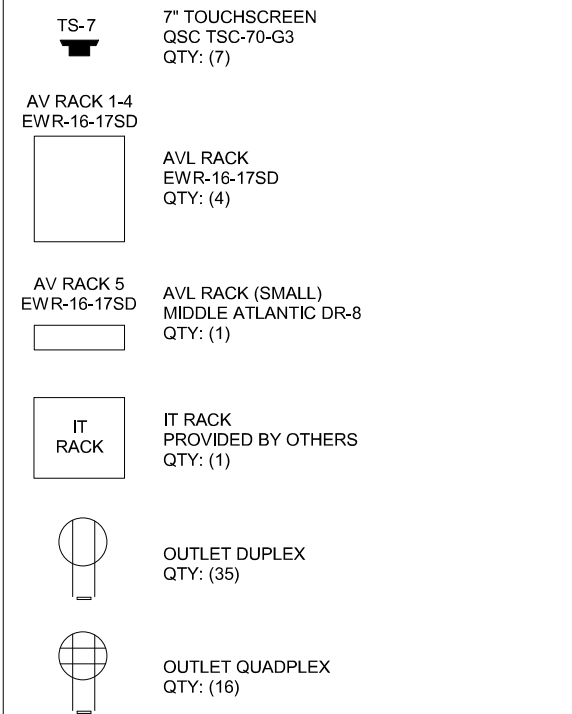
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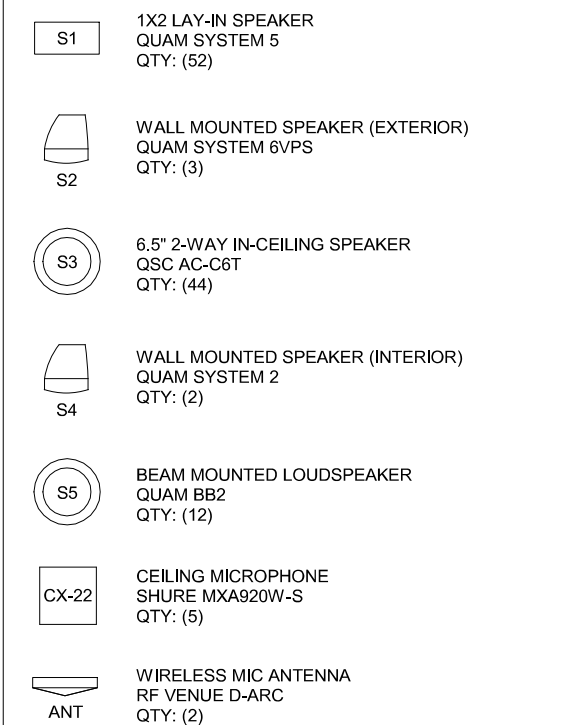
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SYMBOL LEGEND

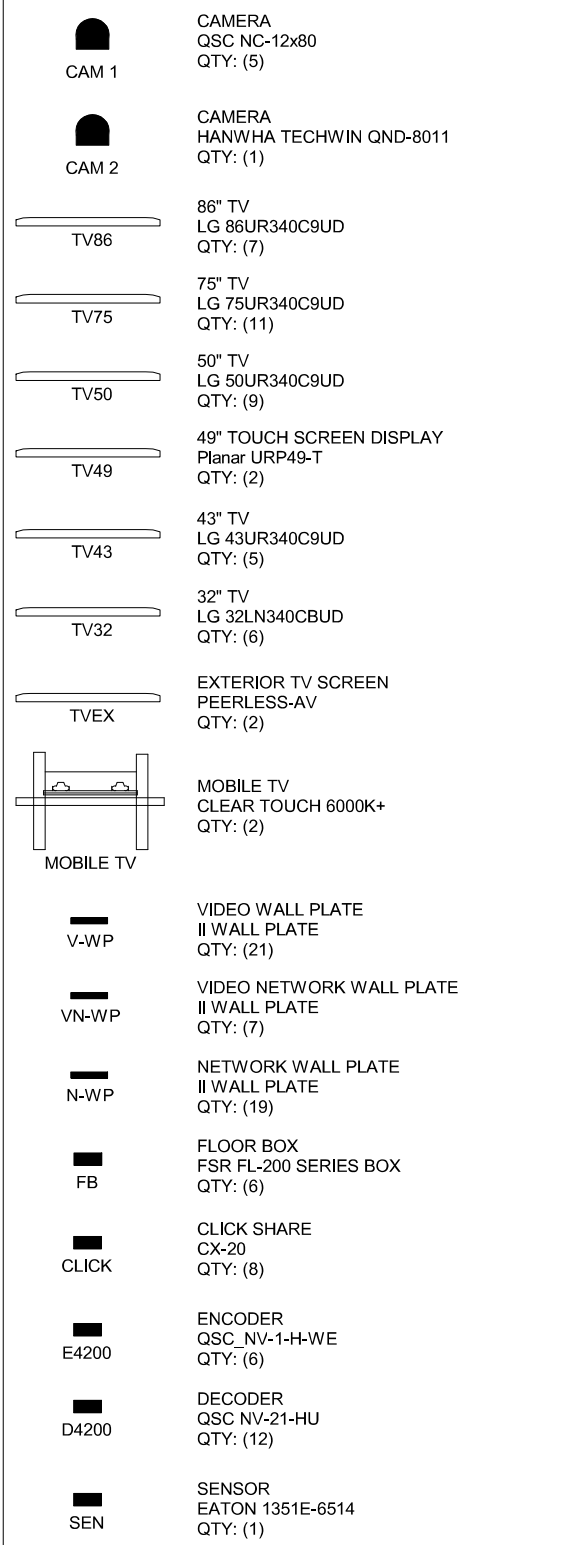
MULTI-SYSTEMS



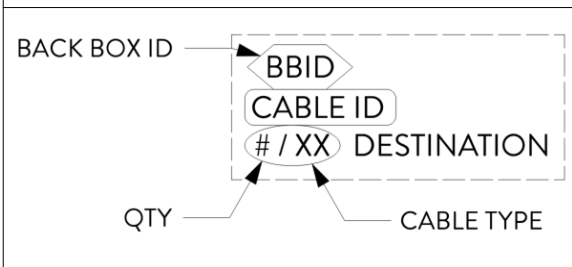
AUDIO



VIDEO



CABLE TAG LEGEND



GENERAL NOTES:

-THESE DRAWINGS ARE FOR THE USE OF ILLUMINATED INTEGRATION, ITS AGENTS, SUBCONTRACTORS AND/OR CLIENTS FOR THE PURPOSES OF THE PROJECT FOR WHICH THEY WERE COMPOSED. THERE SHALL BE NO REPRODUCTION OR RETRANSMISSION OF THESE DOCUMENTS, IN WHOLE OR IN PART, WITHOUT EXPRESS WRITTEN CONSENT FROM ILLUMINATED INTEGRATION OR IN FULFILLMENT OF PRIOR CONTRACTUAL OBLIGATIONS.

-REPRESENTATION OF WORK PERFORMED BY OTHER TRADES IS FOR REFERENCE AND COORDINATION ONLY. REFER TO AUTHORITY DOCUMENTATION FOR EACH TRADE FOR EXPECTED WORK BY OTHERS. THESE DRAWINGS ARE INSTRUCTIVE SOLELY FOR CONTRACTED WORK TO BE PERFORMED BY ILLUMINATED INTEGRATED OR ITS SUBCONTRACTORS.

-VERIFY SITE CONDITIONS INDICATED BEFORE PERFORMING WORK PRESCRIBED, INCLUDING ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION AND OTHER TRADES. CROSS REFERENCE DOCUMENTATION AND COORDINATE WITH OTHER TRADES WHERE APPROPRIATE. NOTIFY DESIGN ENGINEER AND PROJECT MANAGER OF THIS SET OF ANY DISCREPANCIES, CONFLICTS OR TIMELINE DEPENDENCIES.

-OTHER TRADES RESPONSIBLE FOR ADJUSTING TO EQUIPMENT LOCATIONS SHOWN IN THESE DOCUMENTS AND COORDINATING ANY ADJUSTMENTS REQUIRED BY THE SYSTEMS SHOWN HEREIN. ILLUMINATED NOT RESPONSIBLE FOR REWORK RESULTING FROM UNCOORDINATED EQUIPMENT PLACEMENT.

-COMPLIANCE WITH LOCAL REGULATIONS, CODES AND ORDINANCES IS THE RESPONSIBILITY OF CONTRACTORS PERFORMING WORK INDICATED WITHIN THIS DOCUMENTATION. INSTALLATION SHALL MEET OR EXCEED APPLICABLE REGULATIONS, CODES AND ORDINANCES.

-ELECTRICAL, STRUCTURAL OR OTHER LICENSED PROFESSIONAL ENGINEERING STAMPS, CERTIFICATIONS, APPROVALS OR SIGNATURES BY OTHERS.

-ALL PERMITTING BY OTHERS.
-QUANTITIES NOTATED WITHIN SCHEDULES, LEGENDS OR EQUIPMENTS LISTS ARE FOR QUICK REFERENCE. ANY DISCREPENCY WITH QUANTITIES SHOWN IN LAYOUT DRAWINGS SHOULD BE BROUGHT TO THE ATTENTION OF THE DESIGN DEPARTMENT AT ILLUMINATED INTEGRATION FOR RECONCILIATION.

-ILLUMINATED INTEGRATION IS NOT RESPONSIBLE FOR WORK DEPENDENT ON THIS DOCUMENTATION THAT HAS NOT BEEN PERFORMED ACCORDING TO ITS SPECIFICATIONS.

-WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED MEASUREMENTS. SYMBOLS MAY BE DIAGRAMMATIC AND SHIFTED IN REPRESENTATION FOR CLARITY.

-PROJECT ORIGIN (0,0) FOR AUDITORIUMS, THEATERS, CHURCHES, LECTURE HALLS OR SIMILAR SPACES SHALL BE SET AT THE INTERSECTION OF THE CENTER LINE (CENTERMOST AXIS OF A STAGE OR PLATFORM BETWEEN THE PROSCENIUM ARCH OR STAGE STRUCTURE) AND 1) THE PLASTER LINE (UPSTAGE, ARCHITECTURALLY-UNOBSTRUCTED DATUM OF THE PROSCENIUM ARCH) IN PROSCENIUM SPACES OR 2) THE DOWNSTAGE EDGE OF THE STAGE OR PLATFORM. THIS GLOBAL ORIGIN FOR PERFORMANCE TECHNOLOGY SYSTEMS WITHIN SUCH SPACES SHALL APPLY UNLESS OTHER SPECIFIC ORIGIN POINTS ARE CALLED OUT.

-WHERE MEASUREMENTS TO THE ORIGIN OR ITS AXES IS OBSTRUCTED FROM THE MEASUREMENT LOCATION OF EQUIPMENT, AN OFFSET SHALL BE IDENTIFIED AND USED FOR CONSISTENT MEASUREMENT AGAINST STRUCTURAL OR ARCHITECTURAL FEATURES. CALCULATED DIMENSIONS (E.G. USING ANGLES TO CALCULATE SQUARE DIMENSIONS) SHALL ONLY BE USED IF DIRECT PERPENDICULAR MEASUREMENTS ARE INFEASIBLE.

-OVERHEAD RIGGING TO BE COMPLIANT WITH ANSI E1.4-2. MANUAL COUNTERWEIGHT RIGGING TO BE COMPLIANT WITH ANSI E1.4-1. MOTORIZED RIGGING TO BE COMPLIANT WITH ANSI E1.6-1.

-RIGGING HARDWARE TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

-COORDINATE DEVICE COLORS WITH ARCHITECT AND FINISH SCHEDULE OR MATCH TO EXISTING CONDITIONS. CUSTOM COLORS FOR ITEMS WITHOUT MANUFACTURER-SUPPLIED OPTIONS ONLY TO BE PROVIDED AT SPECIFIC OWNER REQUEST.

-MOUNTING HARDWARE TO BE PAINTED TO MATCH SURROUNDING FINISH, OTHERWISE BLACK IN PUBLICLY-VIEWABLE SPACES. MOUNTING HARDWARE IN LIMITED ACCESS SPACES WILL NOT BE REQUIRED TO BE ADDITIONALLY FINISHED WITH PAINT OR OTHER TREATMENT. THESE SPACES INCLUDE BUT ARE NOT LIMITED TO CRAWLSPACES, ATTICS, IDF OR MDF CLOSETS OR SIMILAR LOW-VOLTAGE OR LINE-VOLTAGE ELECTRICAL ROOMS, MECHANICAL SPACES OR OTHER SPACES OF SIMILAR ACCESS OR GENERAL FINISH.

-APPROVAL TO BE BY OWNER, OWNER AGENT, CONSTRUCTION MANAGEMENT OR CONTRACTING ENTITY. APPROVAL OF THIS DOCUMENT BY THOSE PARTIES CONSTITUTES ALLOWANCE TO INSTALL AS INDICATED ON APPROVED DRAWINGS REGARDING QUANTITIES, COLORS, PLACEMENT INDICATED MEANS AND METHODS, AND OTHER HEREIN-SPECIFIED MATERIALS AND WORKMANSHIP.

-ILLUMINATED INTEGRATION NOT RESPONSIBLE FOR EMERGENCY LIGHTING, FIRE ALARMS, EMERGENCY MESSAGING OR ANY OTHER LIFE SAFETY MECHANISMS EXCEPT WHERE EXPLICITLY CALLED OUT WITHIN SCOPE. SOURCE FOR FIRE ALARM MUTE, PANIC/EMERGENCY STATES OR OTHER SIMILAR TO BE PROVIDED BY OTHERS AND COORDINATED WITH ILLUMINATED INTEGRATION WHERE REQUIRED BY CODE.

DEVICE ID PREFIXES:

ACP-ARCHITECTURAL LIGHTING CONTROL PROCESSOR
ALS- ASSISTED LISTENING SYSTEM
AMP- AMPLIFIER
ANT- ANTENNA
BASE- COMMS BASE STATION
BCS- BATTERY CHARGING STATION
BRP- BRUSH PANEL
BS- BUTTON STATION
BT- BLUETOOTH RECEIVER
CBAR- CONFERRING AV BAR
COMB- ANTENNA COMBINER
COMM- INTERCOM
COMP- COMPUTER
CONS- LIGHTING CONSOLE
CS- COMPANY SWITCH
CTRL- CONTROL INTERFACE
DEC- DECODER
DEMB- DE-EMBEDDER
DIM- DIMMER
DISP- DISPLAY
DIST- DISTRIBUTOR
DSP- SYSTEMS PROCESSOR
EMB- EMBEDDER
ENC- ENCODER
ER- EQUIPMENT RACK
ESTP- EMERGENCY STOP BUTTON STATION
FB- FLOOR BOX
GLJB- GRID IRON JUNCTION BOX
GLTWY- LIGHTING GATEWAY
IO- INPUT/OUTPUT INTERFACE
JB- JUNCTION BOX
LAN- NETWORK SWITCH
LS- LIGHT SENSOR
MIX- AUDIO MIXER
MON- VIDEO MONITOR
MPB- MEDIA PLAYBACK
MPR- MODULAR POWER RACEWAY
MTR- MOTOR
NPB- NETWORK PATCH BAY
OS- OCCUPANCY SENSOR
PB- PLUG BOX
PCD- POWER AND CONTROL DISTRIBUTION
POU- POWER DISTRIBUTION UNIT
PMB- PIPE-MOUNT BOX
PNL- ELECTRICAL PANEL
PROJ- PROJECTOR
PSU- POWER SUPPLY UNIT
PWR- POWER DISTRIBUTION
RX- RECEIVER
RCWY- RACEWAY
RL- RUNNING LIGHT
RLY- RELAY
RP- RACK PANEL
SBGX- STAGE BOX
SCRN- PROJECTION SCREEN
SEQ- POWER SEQUENCING
SPKR- LOUDSPEAKER
SPLT- SIGNAL SPLITTER
SUB- SUBWOOFER
TP- TOUCH SCREEN CONTROL PANEL
TX- TRANSMITTER
UPS- UNINTERRUPTIBLE POWER SUPPLY
VC- VOLUME CONTROL
VPB- VIDEO PATCH BAY
WAP- WIRELESS ACCESS POINT
WLS- WIRELESS MIC RECEIVER
WP- WALL PLATE
XCVR- TRANSCEIVER

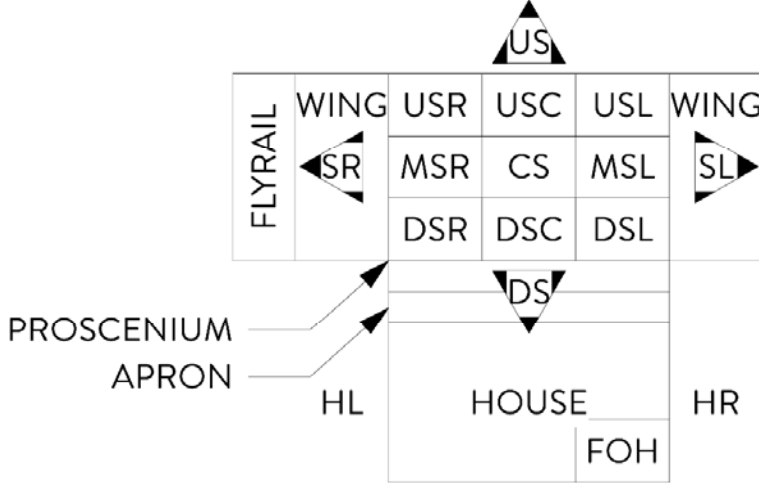
N.B. NOT ALL DEVICES ID PREFIXES MAY BE USED IN ALL PROJECTS

COMMON ABBREVIATIONS:

ACT - ABOVE COUNTERTOP
AFF - ABOVE FINISHED FLOOR
AoIP - AUDIO/VIDEO OVER INTERNET PROTOCOL
CKT - CIRCUIT
CL - CENTER LINE
CONT. - CONTINUED
COORD. - COORDINATE AMONG TRADES
DIM - DIMENSION
ETR - EXISTING TO REMAIN
EQ. - EQUIDISTANT
EQPT - EQUIPMENT
FOH - FRONT OF HOUSE (CONTROL BOOTH)
I.D. - INNER DIAMETER
INCL. - INCLUDE(D)
LX - LIGHTING
MAX. - MAXIMUM
MFR - MANUFACTURER
MIN. - MINIMUM
MOD. - MODIFY
N.B. - NOTA BENE, TAKE SPECIAL NOTE
N.I.C. - NOT IN CONTRACT
NOML - NOMINAL
O.C. - ON CENTER
O.D. - OUTER DIAMETER
OFE - OWNER-FURNISHED EQUIPMENT
OPT. - OPTIONAL
PL - PLASTER LINE
PGE - POWER OVER ETHERNET
QTY - QUANTITY
RCPT - RECEPTACLE
REF. - REFERENCE
REQ. - REQUIRED
R&R - REMOVE AND REPLACE
RU - RACK UNIT SPACE (1.75")
TED - TO BE DETERMINED
TYP. - TYPICAL
VIF - VERIFY IN FIELD

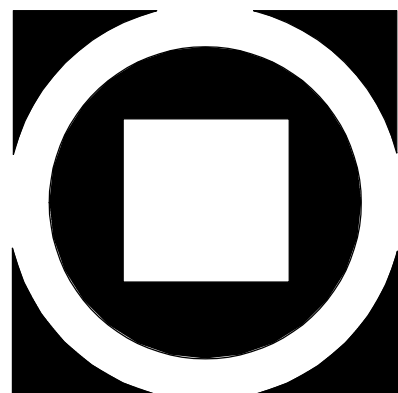
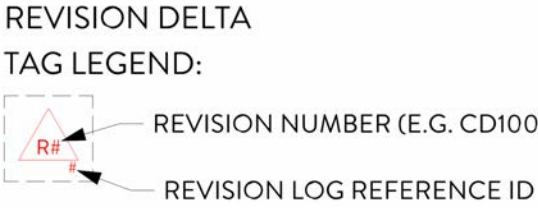
DEFINITIONS:

ABANDON: EXISTING TO REMAIN BUT NOT USED IN NEW SYSTEM. LOCKOUT OR CAP AS NECESSARY FOR SAFETY AND/OR AESTHETICS.
FURNISH: SUPPLY WITHOUT INSTALLATION.
MODIFY: SIGNIFICANT ELEMENTS OF A DEVICE WILL REMAIN INTACT WHILE SOME PIECES ARE ALTERED OR REPLACED.
PROVIDE: FURNISH AND INSTALL.
REMOVE: UNINSTALL TO NOT BE REUSED IN NEW SYSTEM. DISPOSE OF IN ACCORDANCE TO PROCEDURES REQUIRED BY CLIENT. MAKE BEST EFFORT TO RECYCLE MATERIALS WHERE POSSIBLE.



AUDITORIUM/STAGE LOCATION KEY

APRON - FRONT PART OF STAGE EXTENDING PAST PROSCENIUM
CL - CENTER LINE
CS - CENTER STAGE
DS - DOWN STAGE
DSL - DOWN STAGE LEFT
DSR - DOWN STAGE RIGHT
FLYRAIL - WHERE RIGGING LINE SETS ARE OPERATED IN WINGS
FOH - FRONT OF HOUSE CONTROL BOOTH
HOUSE - AUDIENCE SEATING
HC - HOUSE CENTER
HL - HOUSE LEFT
HR - HOUSE RIGHT
MS - MID STAGE
MSC - MID STAGE CENTER
MSL - MID STAGE LEFT
MSR - MID STAGE RIGHT
OFF STAGE - AWAY FROM CENTER LINE
ON STAGE - TOWARD CENTER LINE
PL - PLASTER LINE, UNOBSTRUCTED UPSTAGE EDGE OF PROSCENIUM ARCH
PROSCENIUM - ARCH SEPARATING STAGE FROM HOUSE
SL - STAGE LEFT
SR - STAGE RIGHT
THRUST - STAGE EXTENDING INTO AUDIENCE
US - UP STAGE
USC - UP STAGE CENTER
USL - UP STAGE LEFT
USR - UP STAGE RIGHT
WING - SIDE OF STAGE NOT SEEN FROM HOUSE



KIMMEL BOGRETTE
Architecture + Site
Blue Bell PA 19322
482 Norristown Rd, Suite 200
Phone 610.634.7865
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3	DEMO PACKAGE PH 1	11/04/24	
4	DESIGN DEVELOPMENT	02/21/25	
5	AV COORDINATION	05/19/25	
6	IDB & PERMIT	10/03/25	

AV
0.001

GENERAL NOTES

- 1) GC SHALL REFERENCE THESE DRAWINGS AND THE ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, ETC. DRAWINGS PRIOR TO ROUGH-IN OR PROCUREMENT OF ANY EQUIPMENT.
- 2) GC SHALL NOTIFY ARCHITECT AND ILLUMINATED INTEGRATION OF ANY CONFLICTS OR DISCREPANCIES IN THE LOCATION OR TYPE OF ANY DEVICES.
- 3) DIMENSIONS: DO NOT SCALE SCALE DRAWINGS. WRITTEN DIMENSIONS TO TAKE PRECEDENCE. ALL DIMENSIONS TO BE VERIFIED IN FIELD.
- 4) COMPONENTS, PROVISION, INSTALLATION AND COMMISSIONING HAS BEEN COORDINATED WITH THE DESIGN TEAM AND IS SHOWN IN THE SCOPE OF WORK RESPONSIBILITY MATRIX SHOWN ON THE BOTTOM LEFT OF AVL0.00.
- 5) ARCHITECTURAL FIXTURES, DUCTWORK, AND OTHER CEILING MOUNTED DEVICES ARE SHOWN IN THE BACKGROUND FOR REFERENCE ONLY AND ONLY AS NEEDED FOR CLARITY.
- 6) ALL FINAL FINISHES TO BE APPROVED BY ARCHITECT PRIOR TO PROCUREMENT.
- 7) GC TO PROVIDE AND INSTALL 3/4" PLYWOOD BLOCKING BEHIND ANY WALL MOUNTED PANEL OR DEVICE INCLUDING MONITOR MOUNTS, LIGHTING SUPPORT PIPE RAIL, PIPE GRID STABILIZERS, ETC. AS CALLED OUT WITH THESE DRAWINGS.

ELECTRICAL NOTES

- 1) EC SHALL REFERENCE THESE DRAWINGS AND THE ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, ETC. DRAWINGS PRIOR TO ROUGH-IN OR PROCUREMENT OF ANY EQUIPMENT.
- 2) EXACT LOCATION OF POWER AND DATA BACK BOXES, CIRCUITING, ETC. TO BE VERIFIED IN FIELD (V.I.F.).
- 3) ALL LINE VOLTAGE CIRCUITS TO BE HOME RUN TO PANEL AND CIRCUITED AS DESIGNATED IN CIRCUITING NOTES AND SCHEDULES WITHIN THESE AND THE ELECTRICAL DRAWINGS. EC SHALL NOTIFY ELECTRICAL ENGINEER AND ILLUMINATED INTEGRATION OF ANY CONFLICTS OR DISCREPANCIES IN THE CIRCUITING OR TYPE OF ANY DEVICES.
- 4) EACH 20-AMP POWER CIRCUIT IS TO BE 2-WIRE PLUS GROUND UNLESS OTHERWISE NOTED WITHIN. COMMON NEUTRALS ARE NOT PERMITTED.
- 5) CONDUIT, BACK BOXES, ANY ELECTRICAL DEVICE, OR THEIR RELATED HARDWARE MAY NOT BE MOUNTED TO OR CROSS UNDERNEATH THEATRICAL/BROADCAST LIGHTING PIPES, GRIDS OR TRUSSES.
- 6) ALL CONDUIT INSTALLED FOR LOW-VOLTAGE CABLING TO BE FURNISHED WITH A PULL STRING BY EC.
- 7) ALL EXPOSED LOW-VOLTAGE BACK BOXES TO HAVE A MINIMUM OF A 6" LONG 3/4" CONDUIT STUB-UP/IN AND/OR STRAIN RELIEF FOR LOW-VOLTAGE CABLES INTO THE BOX. PROVIDE WITH 2 TO 1-GANG REDUCER TO ACCEPT 1-GANG FACEPLATES UNLESS OTHERWISE NOTED WITHIN. BACK BOXES TO BE LOCATED NO CLOSER THAN 6" ON CENTER (O.C.) TO ANY LIGHTING PIPE, GRID OR TRUSS.
- 8) ALL NON-CUSTOM ELECTRICAL LINE AND LOW VOLTAGE BACK BOXES TO BE 4" SQUARE 3-1/2" EXTRA DEEP JUNCTION BOX, 1/2" & 3/4" SIDE KNOCKOUTS RACO #52181-S OR EQUIVALENT UNLESS OTHERWISE NOTED WITHIN.
- 9) ALL CONDUIT, CABLE AND RACEWAYS TO BE RUN PARALLEL TO LIGHTING PIPES, GRID PIPES, HOISTS AND/OR TRUSSES LEAVING ALL SPACE ABOVE OR BELOW CLEAR OF OBSTRUCTIONS.
- 10) ALL POWER AND LOW-VOLTAGE OUTLET BOXES AND STATIONS ARE TO BE ORIENTED TOWARDS THE CENTER OF THE ROOM ALONG ITS LONG AXIS UNLESS OTHERWISE NOTED WITHIN.
- 10) ALL MOTOR RIGGING POWER TO BE THREE-PHASE 120VAC AND TERMINATE IN CUSTOM 7-PIN SOCAPEX CONNECTOR POWER/CONTROL BOXES. CUSTOM BOXES SUPPLIED BY INTEGRATOR AND INSTALLED BY EC PER DRAWINGS WITHIN UNLESS OTHERWISE NOTED.
- 11) MOTOR POWER AND CONTROL CABINET/PANEL(S) TO BE PROVIDED AND PROGRAMMED BY INTEGRATOR AND INSTALLED AND LOADS TESTED BY EC.

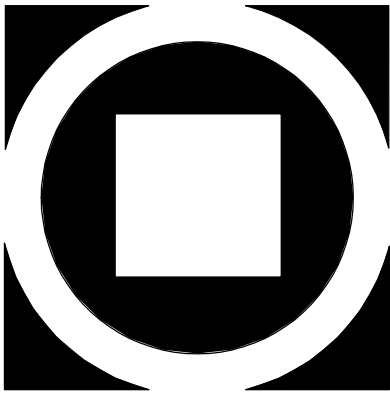
LOW-VOLTAGE NOTES

- 1) ALL CABLING REQUIREMENTS FOR PROVISION, INSTALLATION, ETC. HAS BEEN COORDINATED WITH THE DESIGN TEAM AND IS SHOWN IN THE SCOPE OF WORK RESPONSIBILITY MATRIX SHOWN ON THE BOTTOM LEFT OF AVL0.00.
- 2) ALL LOW-VOLTAGE CABLE(S) TO BE HOME RUNS. NO IN LINE SPLICES OR SPLITS ARE ACCEPTABLE.
- 3) UNLESS OTHERWISE NOTED WITHIN, THE LOW-VOLTAGE CONTRACTOR IS RESPONSIBLE FOR THE PROVISION, INSTALLATION, TERMINATION AND WRITTEN CERTIFICATION OF ALL CABLES SHOWN WITHIN.
- 4) ALL LOW-VOLTAGE CABLES ARE TO BE PERMANENTLY LABELED WITH THE ILLUMINATED INTEGRATION (ii) CABLE NUMBER AS SHOWN WITHIN THE DRAWINGS AT 6" FROM EACH TERMINATED END.
- 5) ALL NETWORK CABLES (N#s) SHOWN WITHIN ARE TO BE TERMINATED SCHEDULE B (EIA568B) - (SEE WIRING PIN OUTS AND TERMINATIONS SHOWN WITHIN)
- 6) ALL NETWORK AND/OR DMX RECEPTACLES AND FACEPLATES TO BE SUPPLIED BY THE INTEGRATOR ARE TO BE INSTALLED AND PERMANENTLY LABELED BY THE INTEGRATOR PER DRAWINGS WITHIN, UNLESS OTHERWISE NOTED.
- 7) ALL NETWORK PATCH PANELS TO BE SUPPLIED BY THE INTEGRATOR ARE TO BE INSTALLED AND PERMANENTLY LABELED BY THE INTEGRATOR PER DRAWINGS WITHIN, UNLESS OTHERWISE NOTED.

INTEGRATION NOTES

- 1) THE INTEGRATOR (INTEGRATOR) SHALL BE RESPONSIBLE FOR PROVIDING, INSTALLING, COMMISSIONING AND PROGRAMMING A COMPLETE FUNCTIONAL SYSTEM PER ILLUMINATED INTEGRATION DRAWINGS AND/OR SPECIFICATIONS WITHIN UNLESS OTHERWISE NOTED.
- 2) INTEGRATOR SHALL NOTIFY ARCHITECT AND ILLUMINATED INTEGRATION OF ANY CONFLICTS OR DISCREPANCIES IN THE LOCATION OR TYPE OF ANY DEVICES PRIOR TO INSTALLATION.
- 3) THE EQUIPMENT SPECIFIED WITHIN IS THE BASIS OF THE DESIGN. ANY EQUIPMENT SUBSTITUTIONS WILL NOT BE ACCEPTED WITHOUT A FORMAL SUBMISSION PROCESS THAT MUST DEMONSTRATE EQUIVALENT EQUAL FUNCTIONALITY, CAPACITY AND QUALITY WITH A COST SAVINGS TO END USER (CLIENT). ALL SUBSTITUTIONS REQUIRE WRITTEN APPROVAL FROM ILLUMINATED INTEGRATION PRIOR TO PROCUREMENT.
- 4) THE INTEGRATOR IS RESPONSIBLE FOR TESTING AND CONFIRMING PROPER FUNCTIONAL PERFORMANCE OF ALL POWER, NETWORK AND DMX CIRCUITING AND RECEPTACLES INSTALLED BY OTHERS. INTEGRATOR IS TO CONFIRM ANY REMEDIATIONS IF NECESSARY (BY OTHERS).
- 5) IN ADDITION TO MANUFACTURER WARRANTIES, THE INTEGRATOR IS TO PROVIDE WARRANTY AND WORKMANSHIP SUPPORT, AT NO ADDITIONAL COST, PHONE SUPPORT AND ON-SITE AS DED SERVICE FOR ONE (1) YEAR AFTER SIGN OFF BY ILLUMINATED INTEGRATION AND END USER (CLIENT).

NAME	ADDRESS RANGE	PORT	DESCRIPTION
SERVICE LOCATION PROTOCOL (SPL)	UNICAST & 239.255.255.253	427	ACN DISCOVERY PROTOCOL. THIS PROTOCOL ALSO USES 224.0.1.35, BUT THAT HAS BEEN DEPRECATED
ACN	UNICAST & 239.192/14 NOTE: THE /14 MEANS THIS CAN BE 239.192 - 239.195/14 MEANS A SUBNET MASK OF 255.252.0.0	EPHEMERAL & 5568	ACN COMMUNICATIONS. ALL MULTICAST IS DONE ON PORT 5568. ALL UNICAST OVER EPHEMORAL PORTS
STREAMING ACN (sACN)	239.255/16	5568	STREAMING DMX VALUES OVER ACN. EACH UNIVERSE IS A MULTICAST ADDRESS. NOTE THIS USES SAME PORT AS FULL ACN, SO YOU'LL HAVE TO FILTER BY ADDRESS AS WELL.
STREAMING ACN (sACN) DISCOVERY	239.255.250.214	5568	USED TO DISCOVER sACN SOURCES
TFTP	UNICAST	69	USED TO TRANSFER DDL FILES, AND FOR DOWNLOADING FIRMWARE UPDATES TO SOME ETC PRODUCTS
FTP	UNICAST	20, 21	USED TO TRANSFER FILES, AND FOR DOWNLOADING FIRMWARE UPDATES TO SOME ETC PRODUCTS
NETWORK TIME PROTOCOL (NTP AND SNTP)	UNICAST & 244.0.1.1	123	TIME SYNCHRONIZATION
MAGIC BULLET	236.1.0.37	36511	ETC PROPRIETARY PROTOCOL FOR UPDATING DEVICES
SSH	UNICAST	22	USED TO ACCESS INTERNAL TERMINAL OF SOME ETC DEVICES. ALTHOUGH SOME DEVICES USE SSH ON NON-STANDARD PORTS.
TELNET	UNICAST	23	USED TO ACCESS INTERNAL TERMINAL OF SOME ETC DEVICES. THIS MAY BE DEPRICATED IN FAVOR OF SSH.
DHCP	BROADCAST & UNICAST	67, 68	NET3 SYSTEM MAY MAKE USE OF DHCP TO BOOTSTRAP THEIR DEVICE IP ADDRESSES.
DNS	UNICAST	53	NET3 SYSTEM MAY MAKE USE OF NETWORK NAMES INSTEAD OF IP ADDRESSES.



KIMMEL BOGRETTE
Architecture + Site
482 Norristown Rd., Suite 200
Blue Bell PA 19322
Phone 610.834.7865
Fax/Cell 610.834.7815
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NOTES	NO.	DESCRIPTION	DATE
1	DEMO PACKAGE	SCHEMATIC DESIGN	07/03/24
2	DEMO PACKAGE PH 1	DESIGN DEVELOPMENT	10/25/24
3	DEMO PACKAGE PH 1	AV COORDINATION	11/04/24
4	DEMO PACKAGE PH 1	AV COORDINATION	02/21/25
5	DEMO PACKAGE PH 1	AV COORDINATION	05/19/25
6	DEMO PACKAGE PH 1	AV COORDINATION	10/03/25

AV
0.005

CONFERENCE ROOM D26

NP1-3
IL_N-WP

CS1-2
Barco_C-10 GEN 2 ClickShare

TV2-2
LG_75UR340C9UD

LAN 1 LAN 2

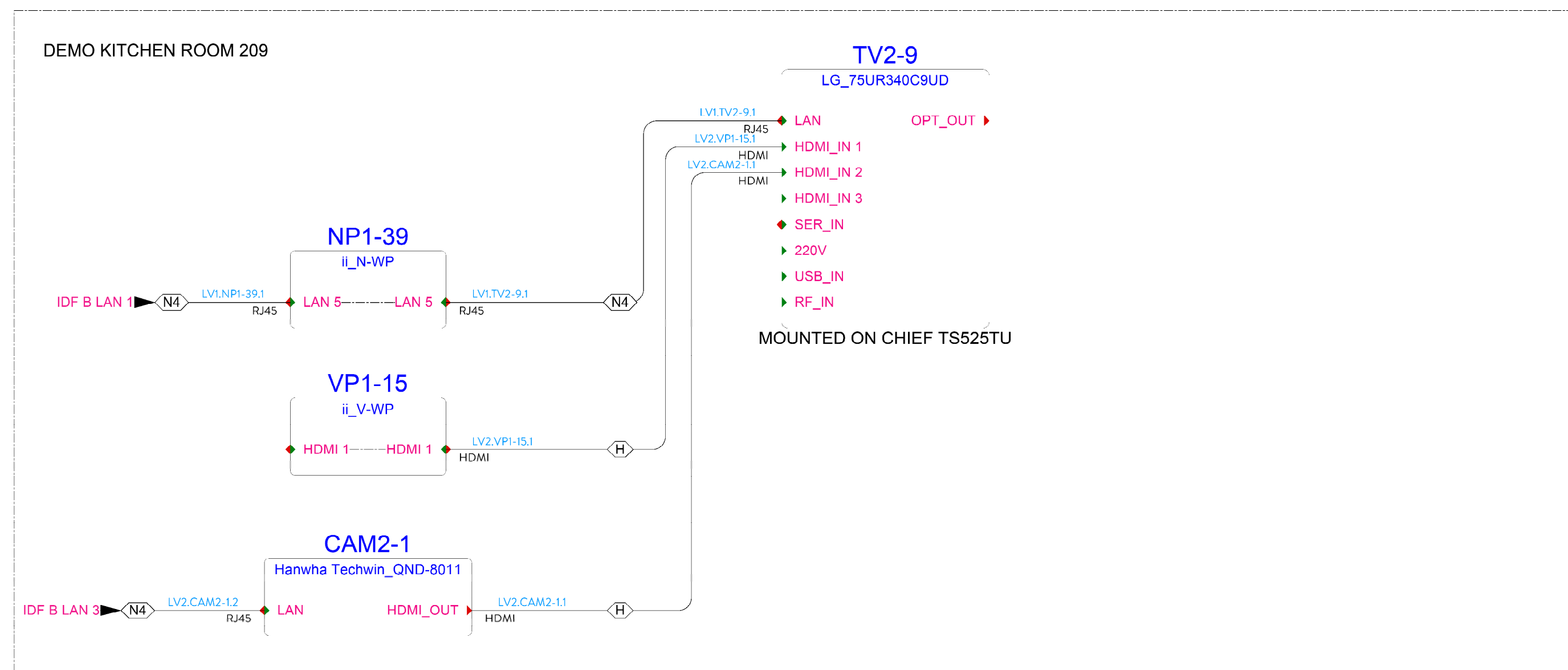
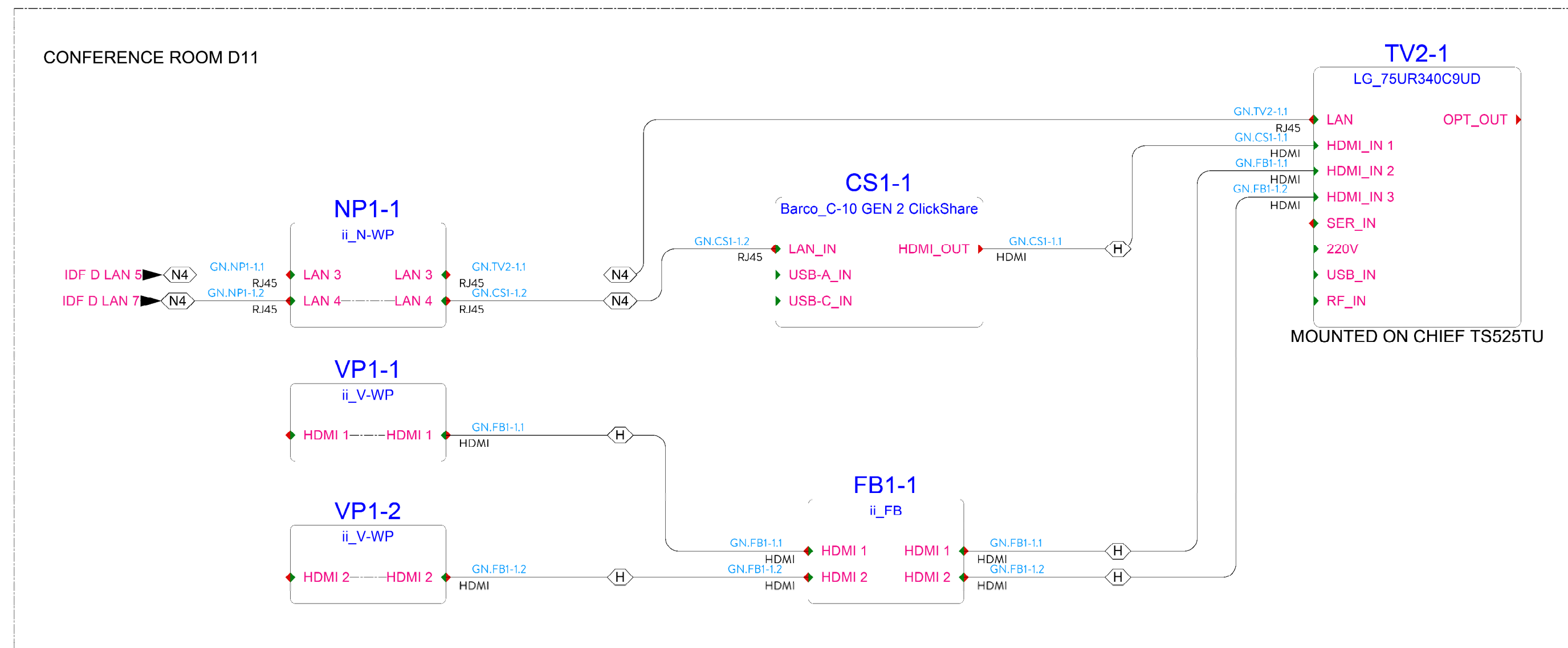
LAN_IN LAN_OUT

LAN USB_A_IN USB_C_IN

LAN 220V USB_A_IN RF_IN

HDMI_IN 1 HDMI_IN 3 SER_IN

MOUNTED ON CHIEF TS525TU



LOBBY 002

NP1-2
IL_N-WP

IDF D LAN 13

N4

GLN NP1-21

RJ45

LAN T2

LAN T2

GLN TV4-11

RJ45

N4

GLN TV4-11

RJ45

- DP_IN
- HDMI 2.0_IN 1
- HDMI 2.0_IN 2
- HDMI 1.4_IN 1
- HDMI 1.4_IN 2
- VGA_IN
- USB_IN
- IR_IN
- SER_IN
- HDMI CEC_IN
- LAN_IN

MOUNTED ON CHIEF TS525TU

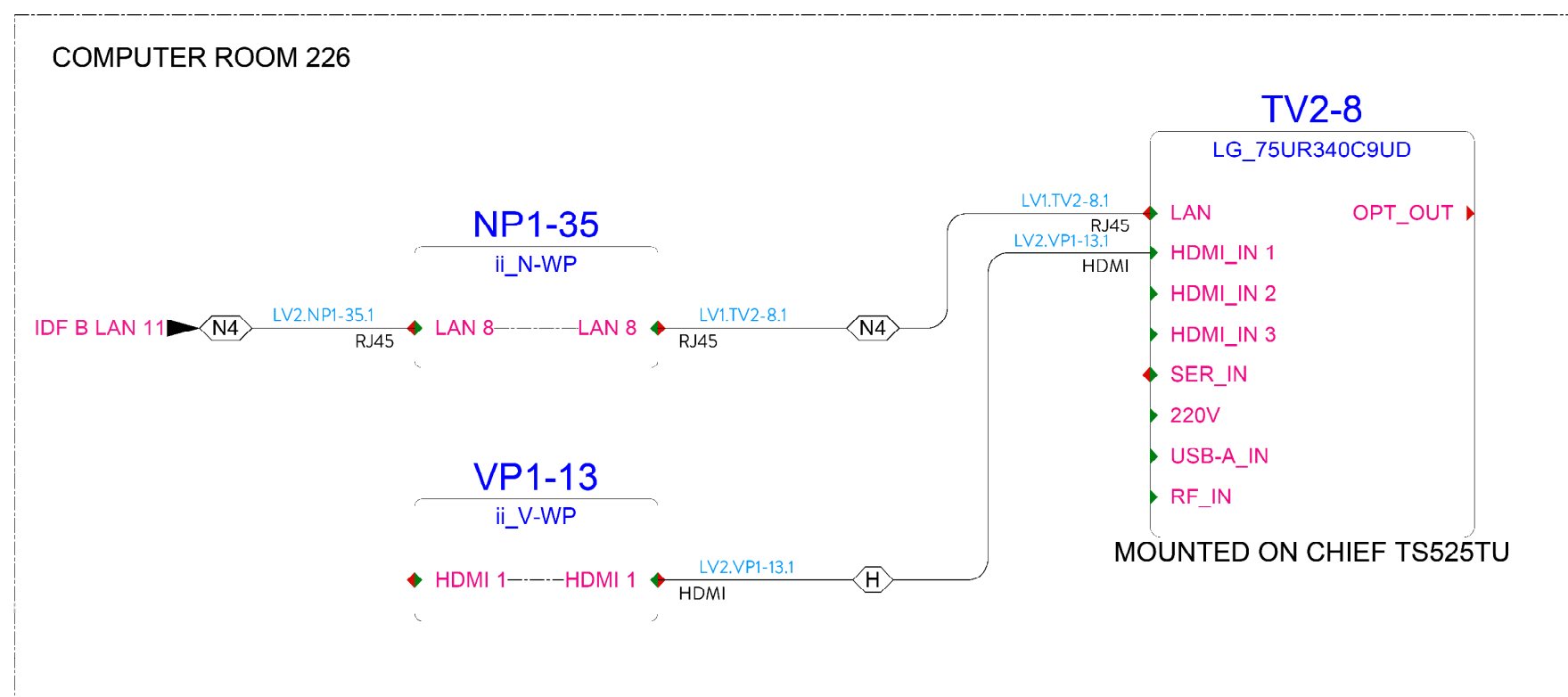
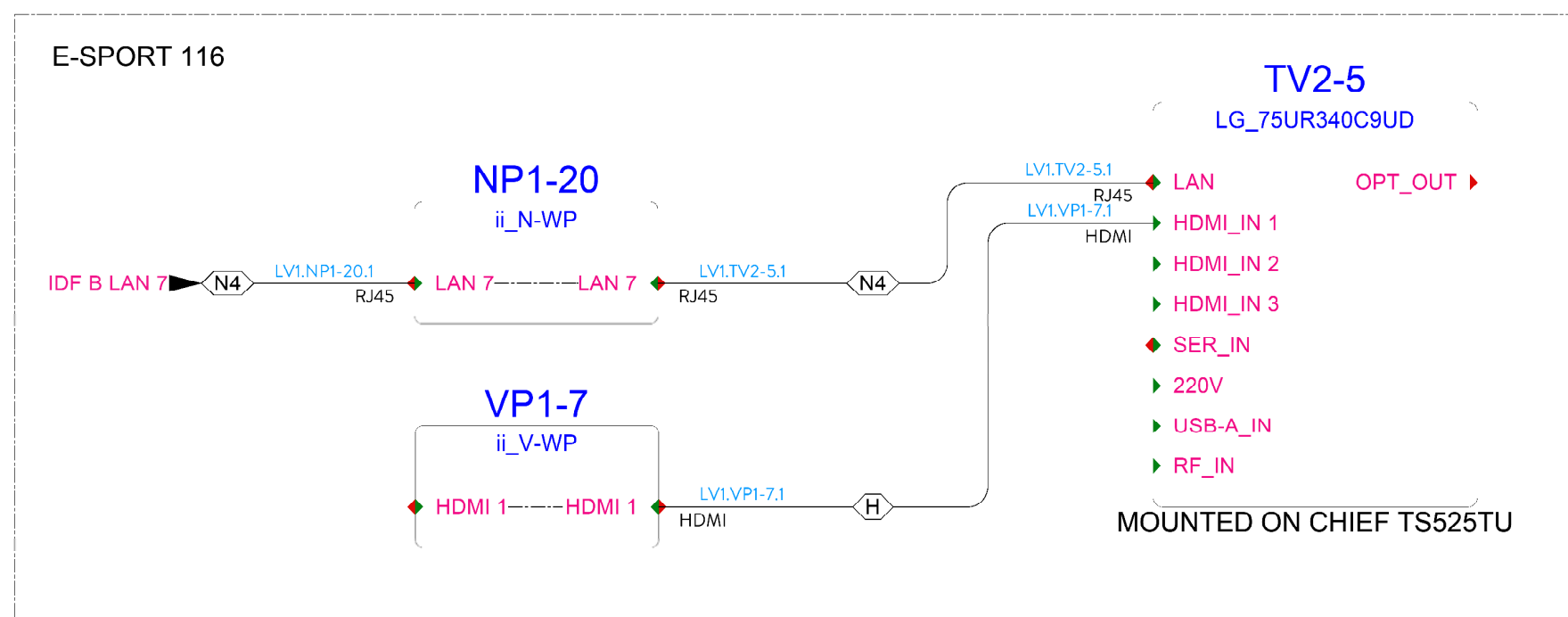
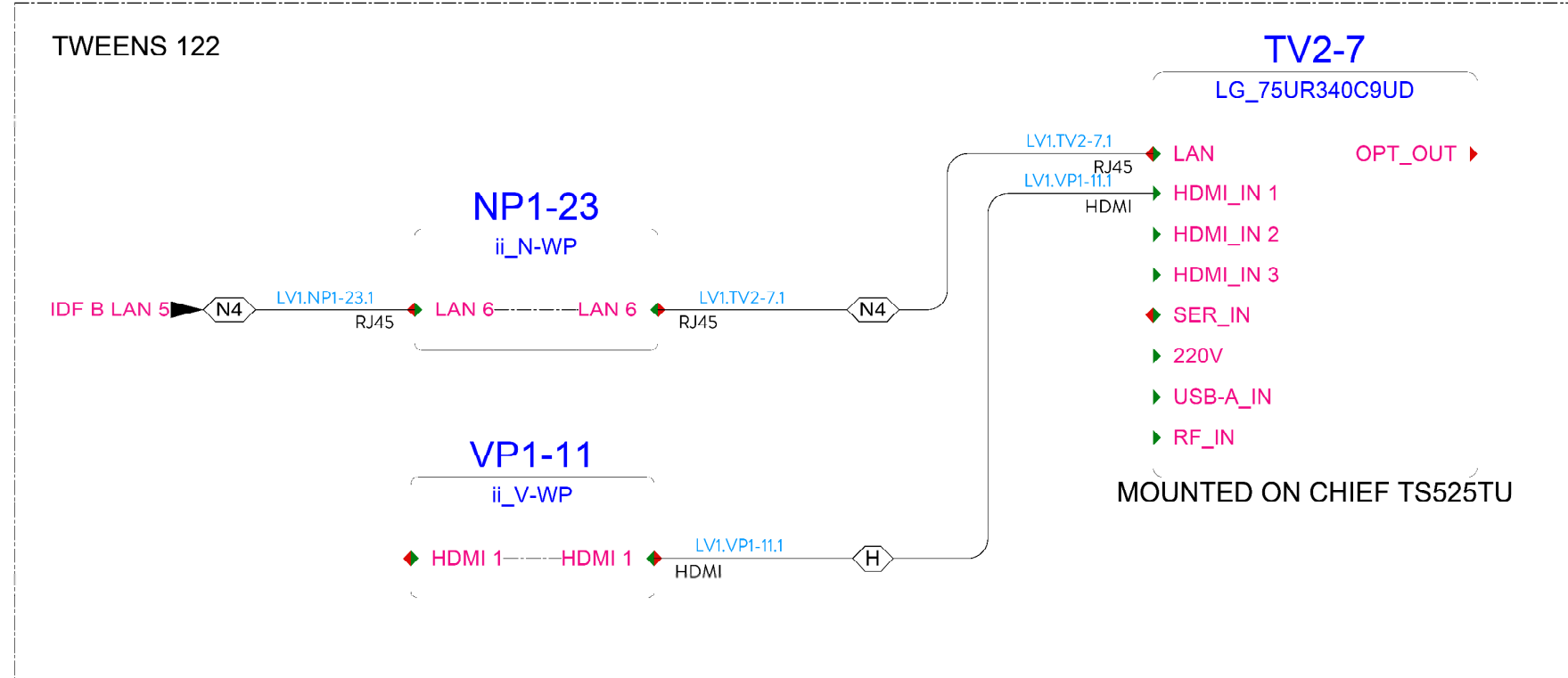
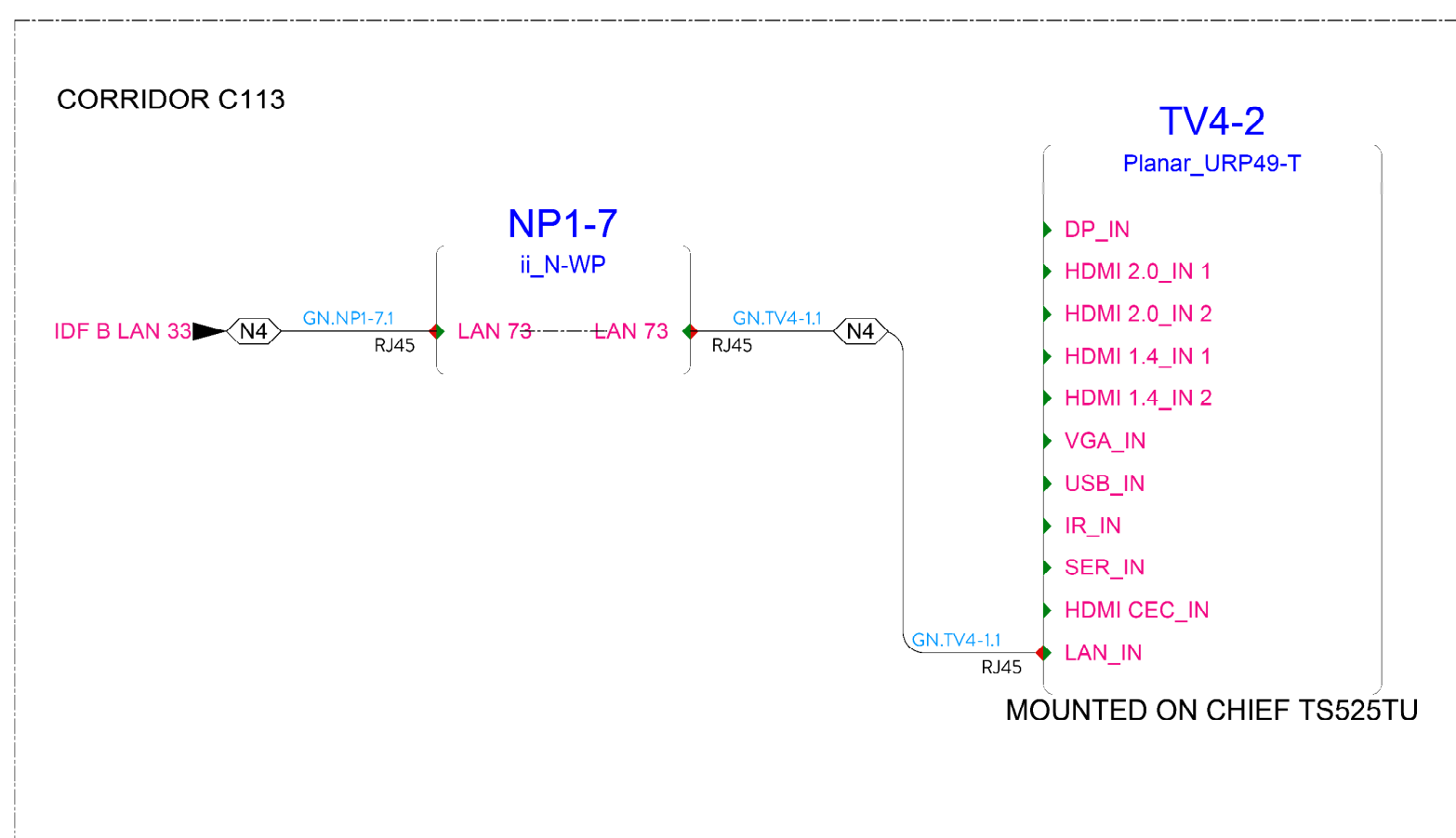
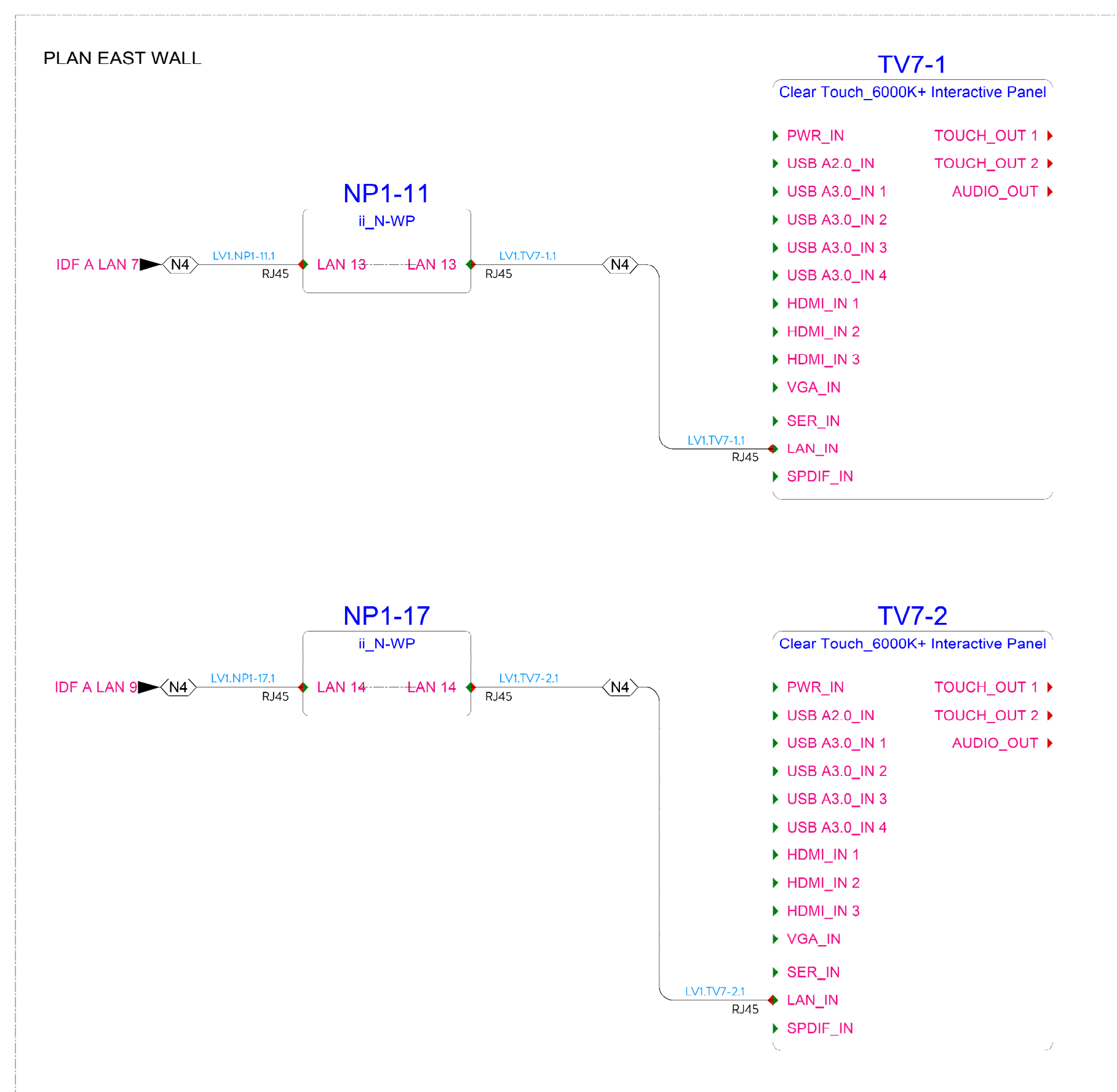
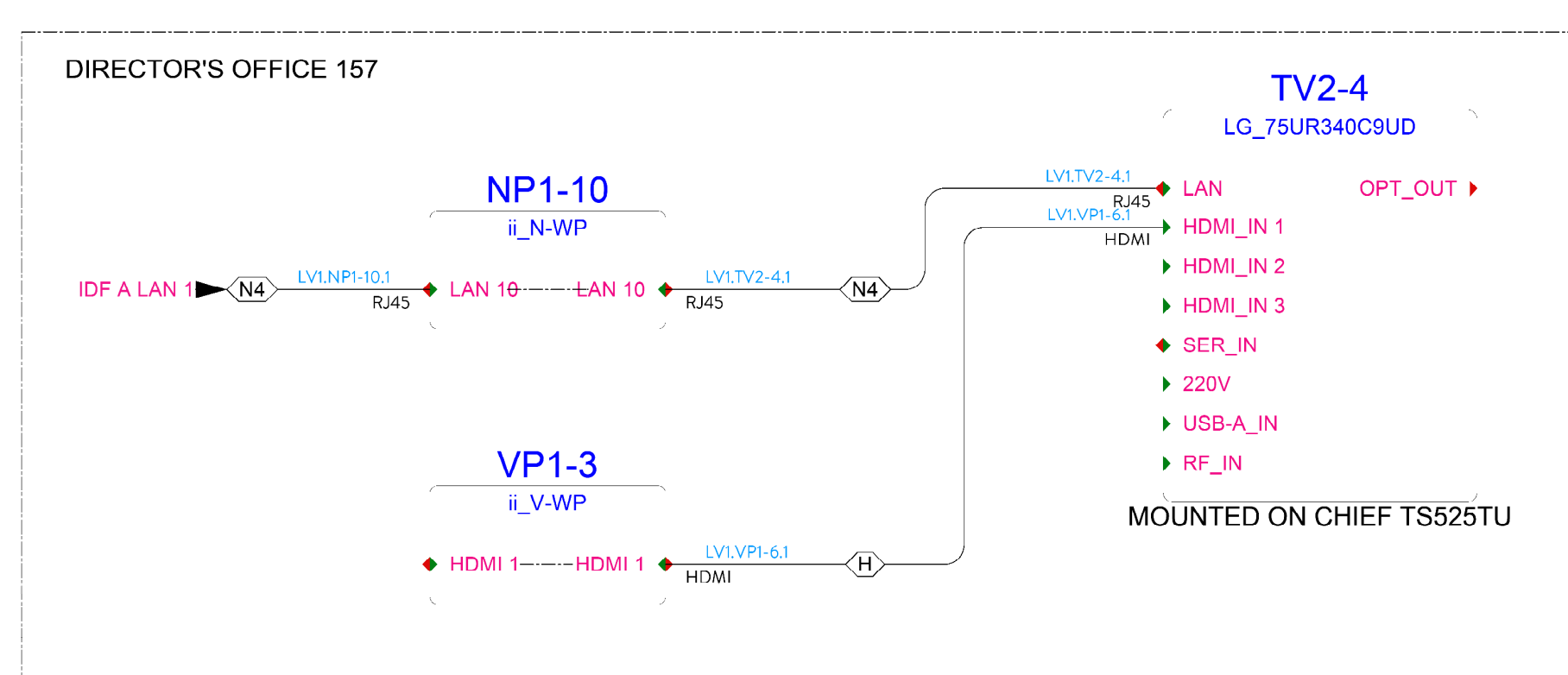
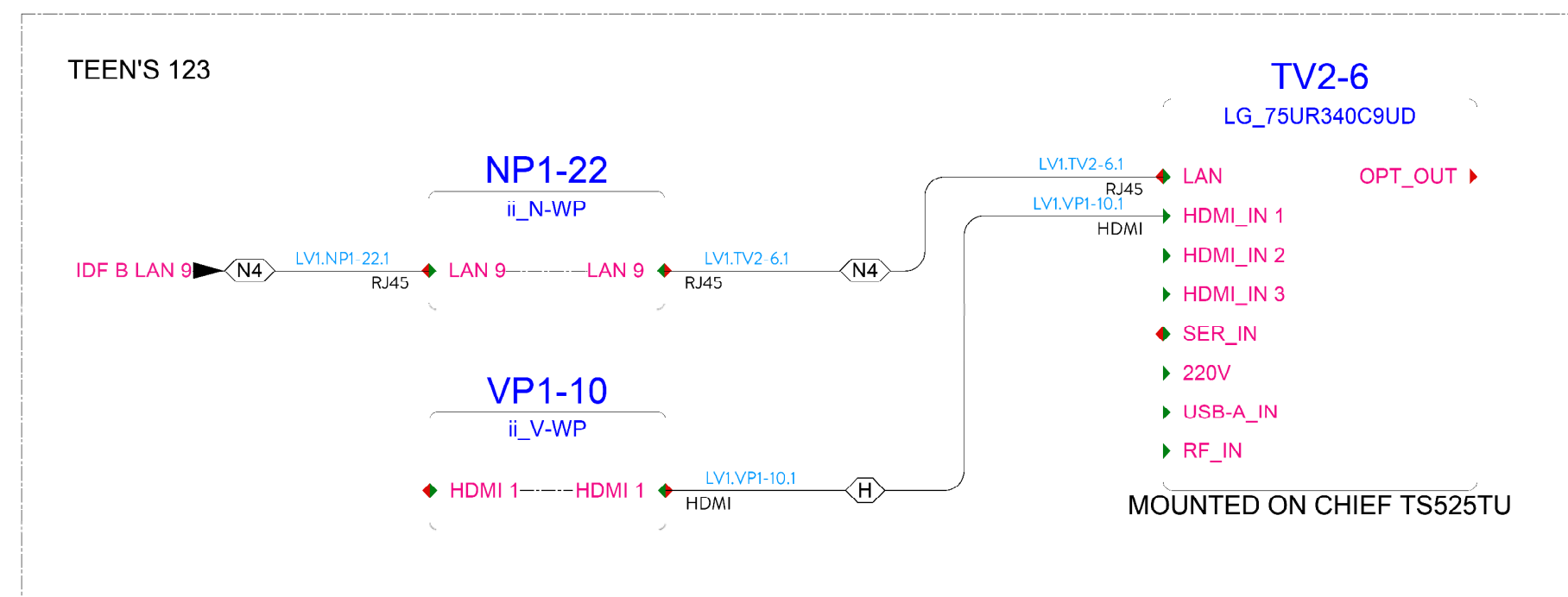


Diagram of Plan North Wall:

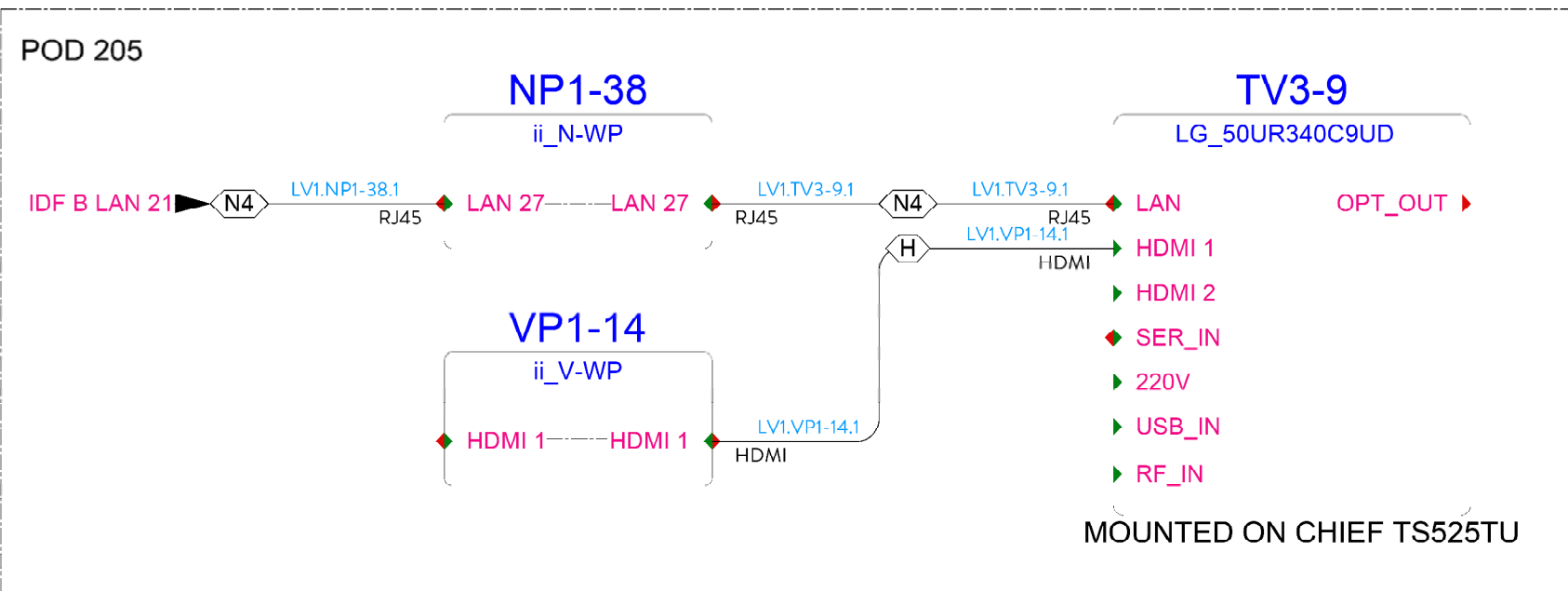
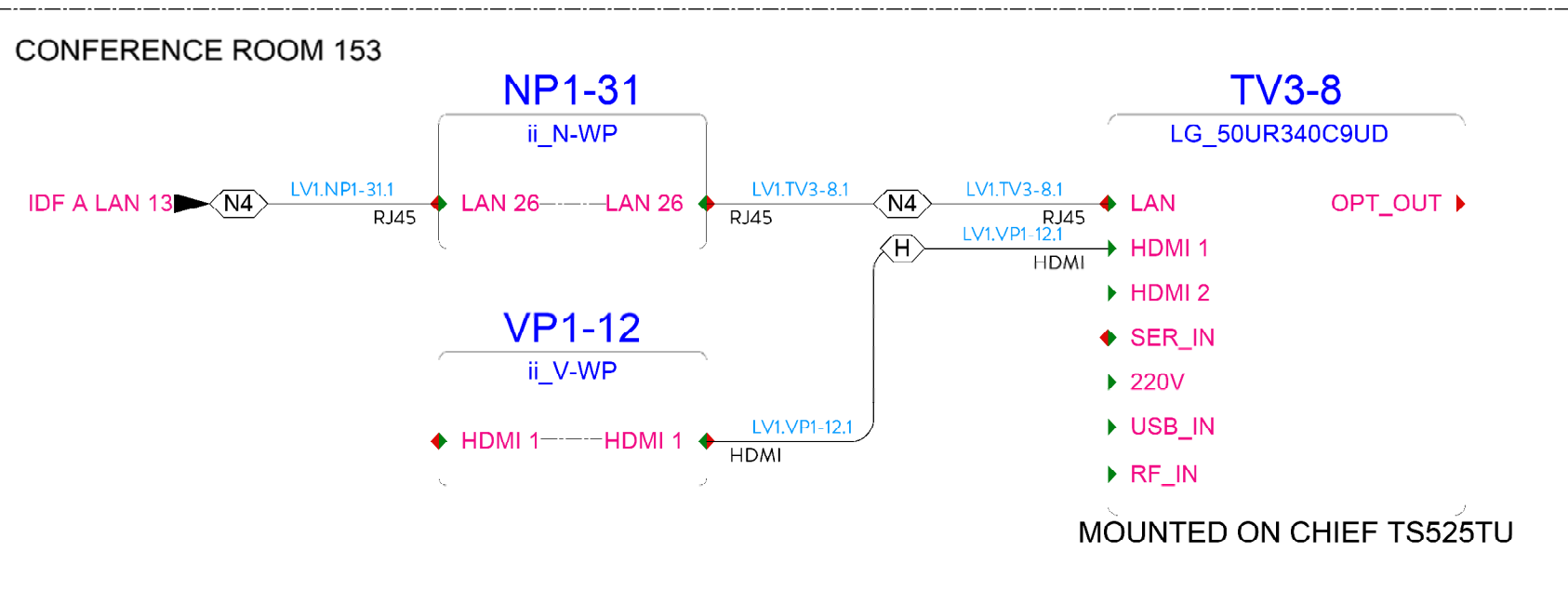
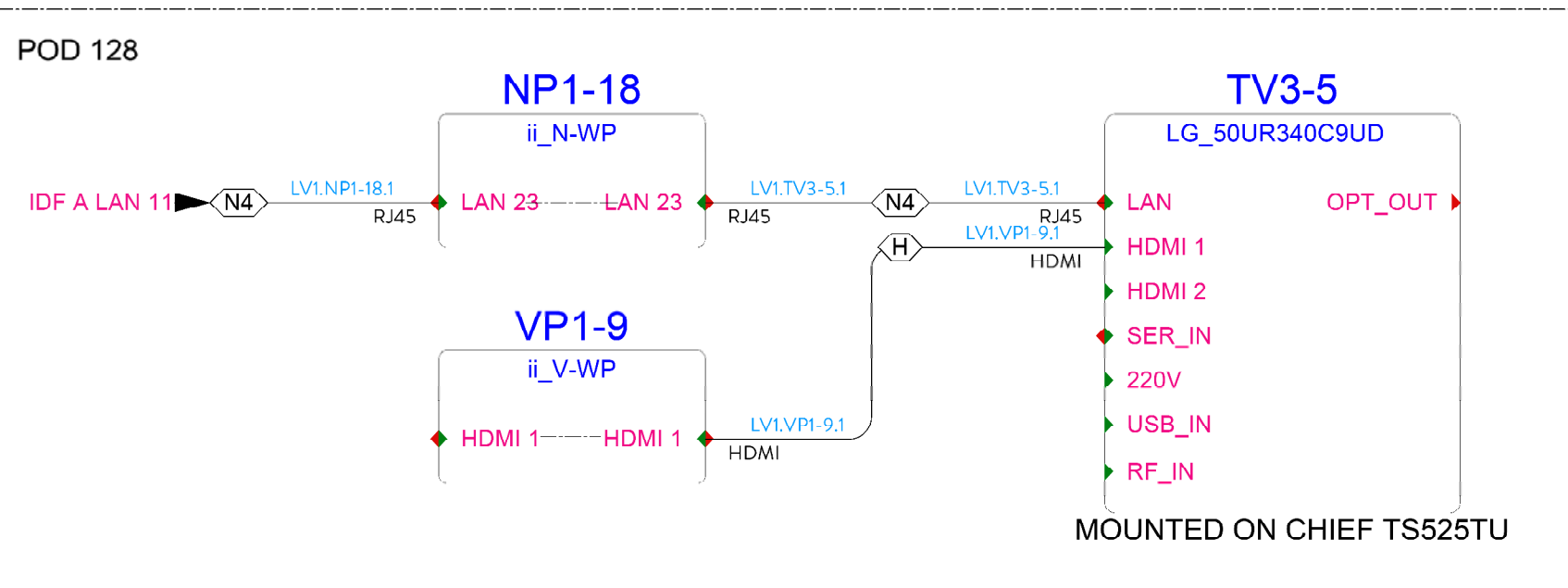
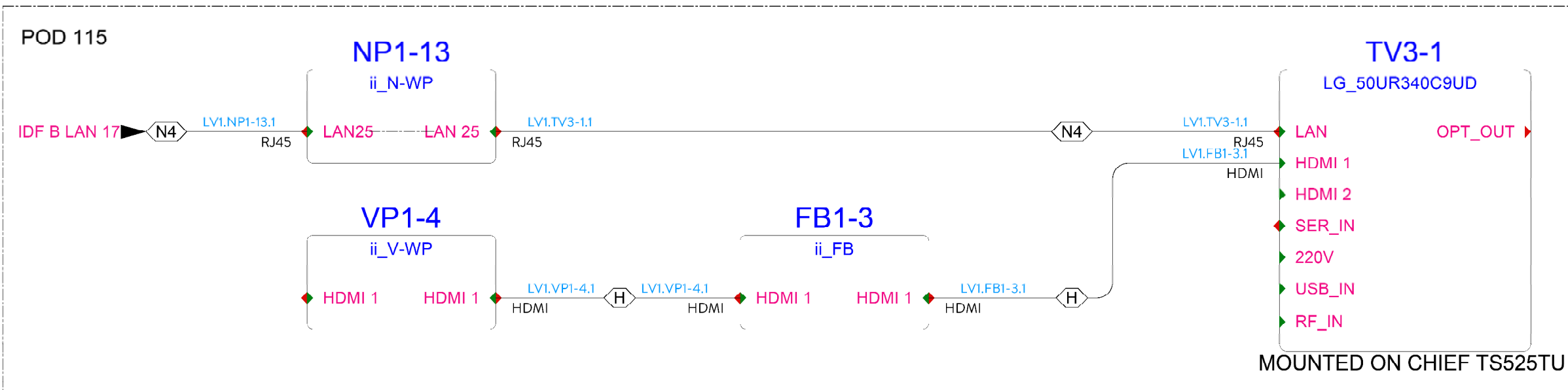
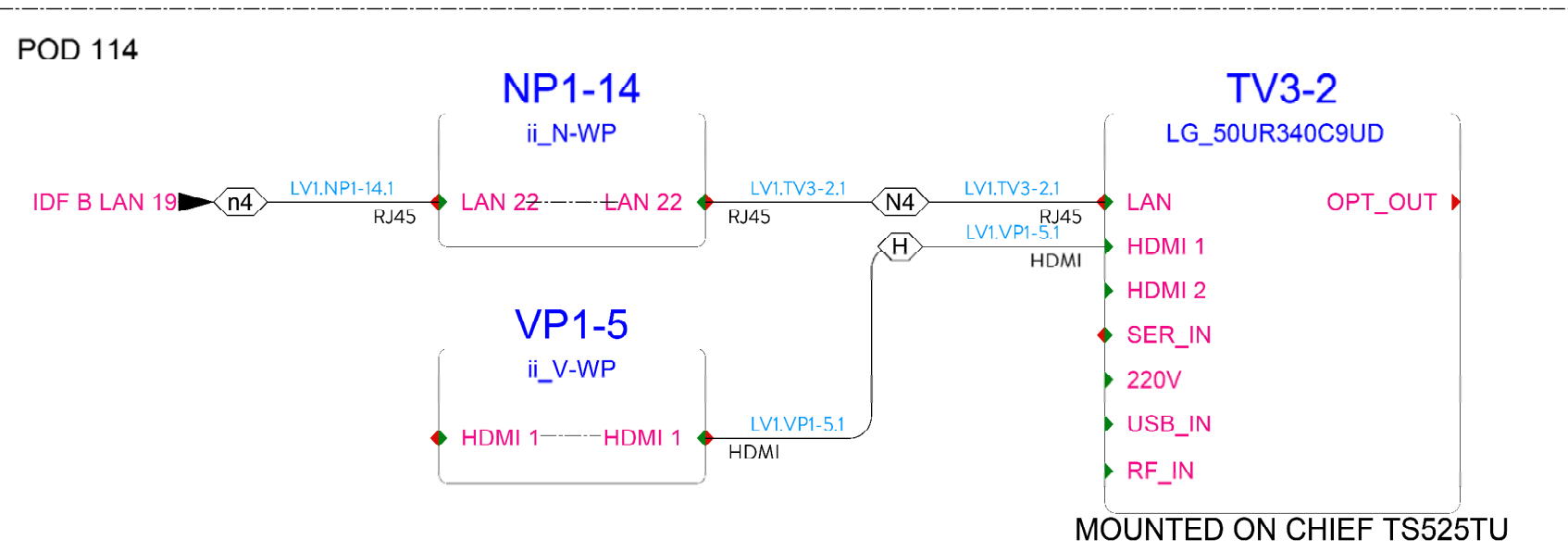
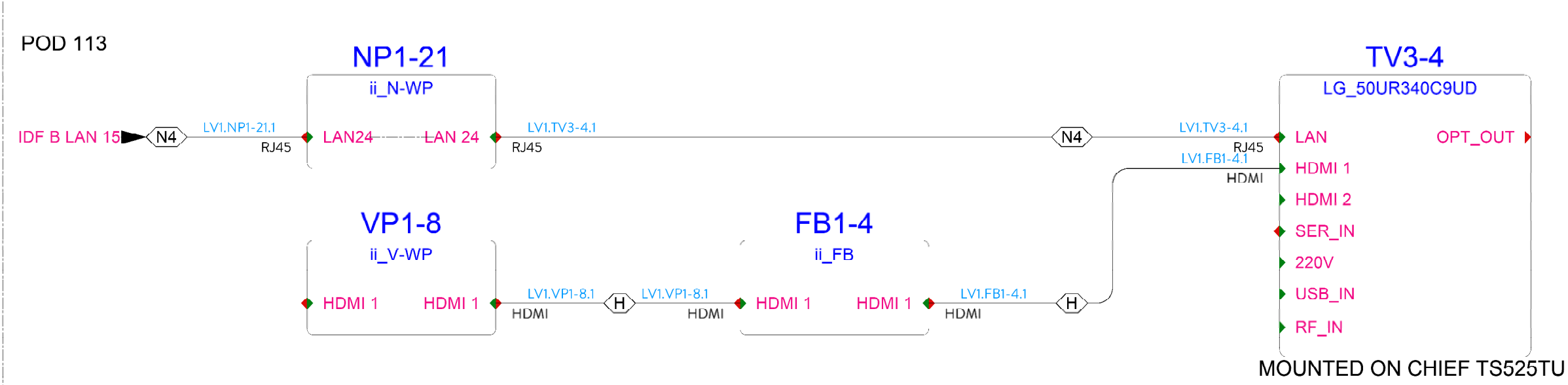
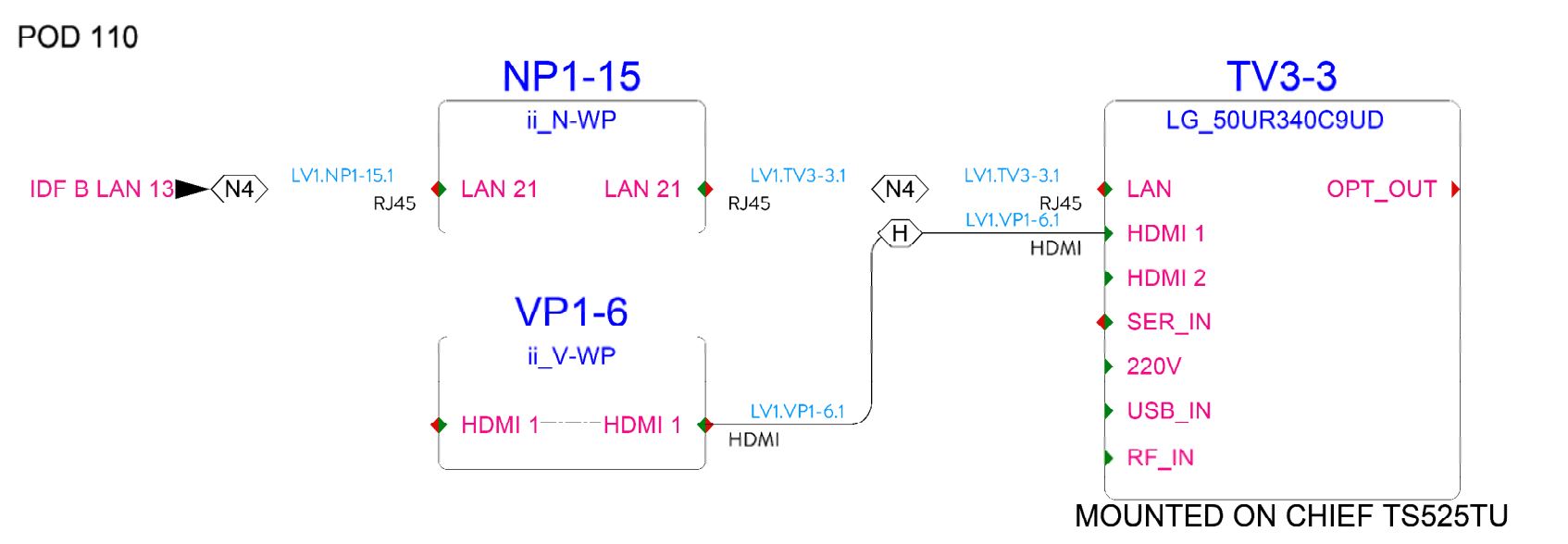
- IDF A LAN 3 is connected to switch N4.
- Switch N4 is connected to LAN 11 and LAN 12 via a line labeled LV1/NP1-12.1.
- A bracket groups LAN 11 and LAN 12 under the label NP1-12.
- A diamond symbol is located at the end of the line connecting to LAN 12.



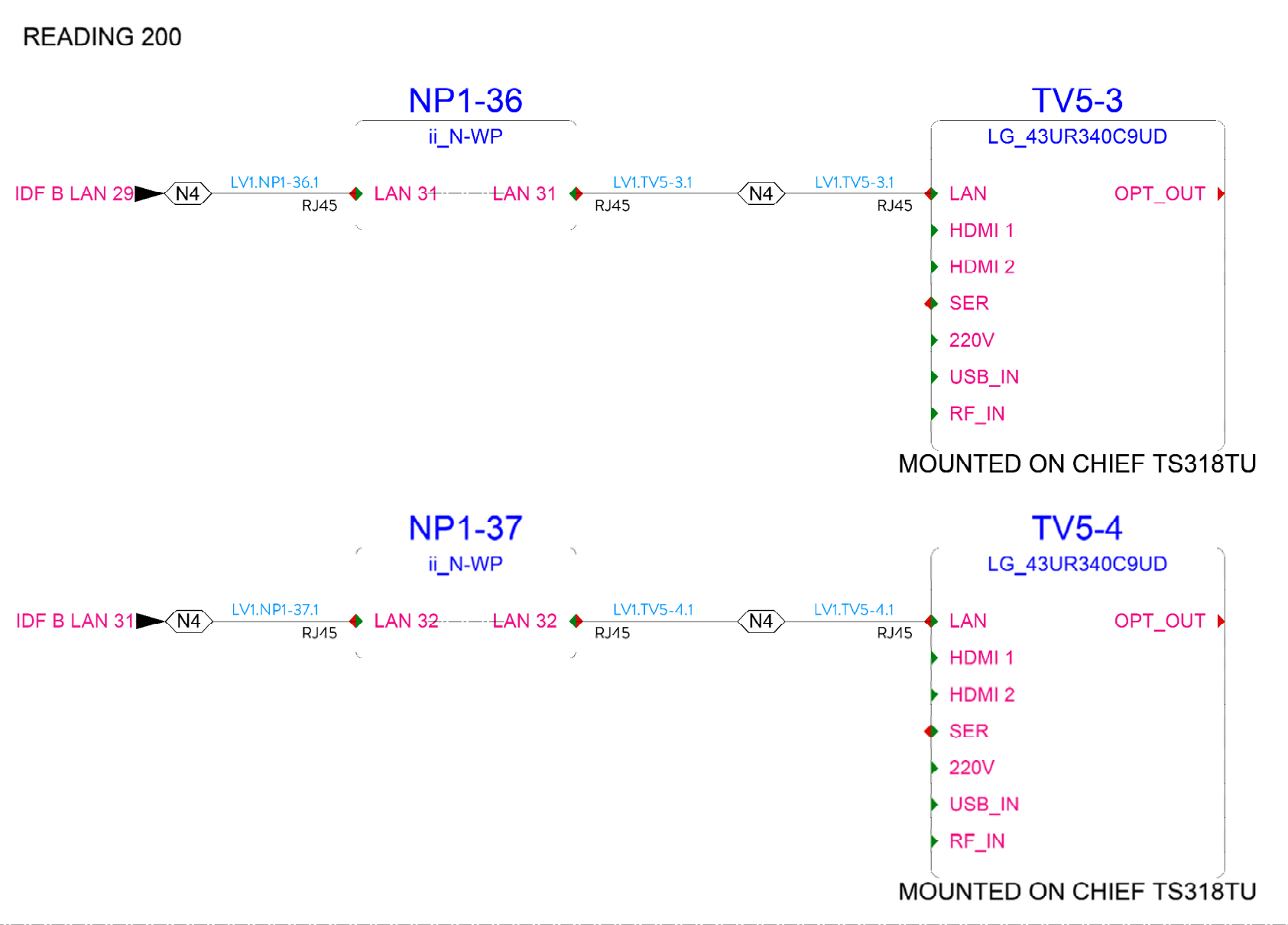
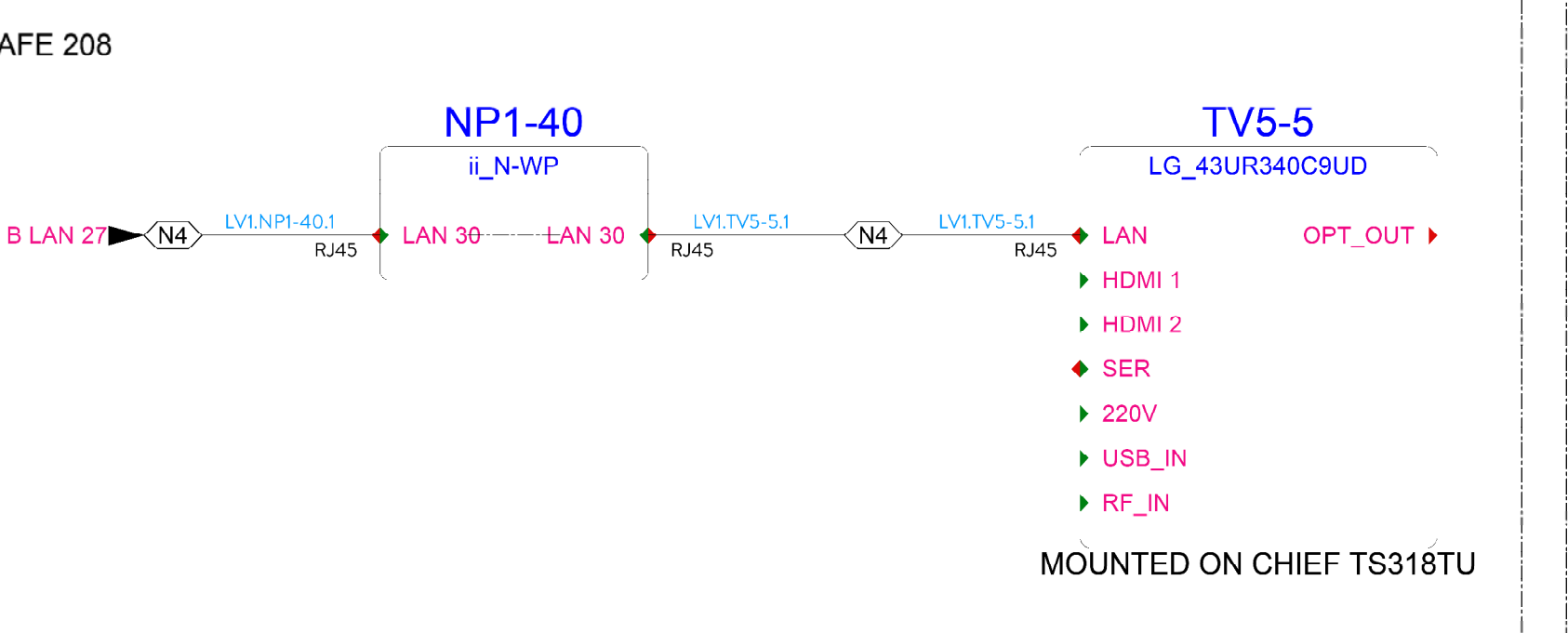
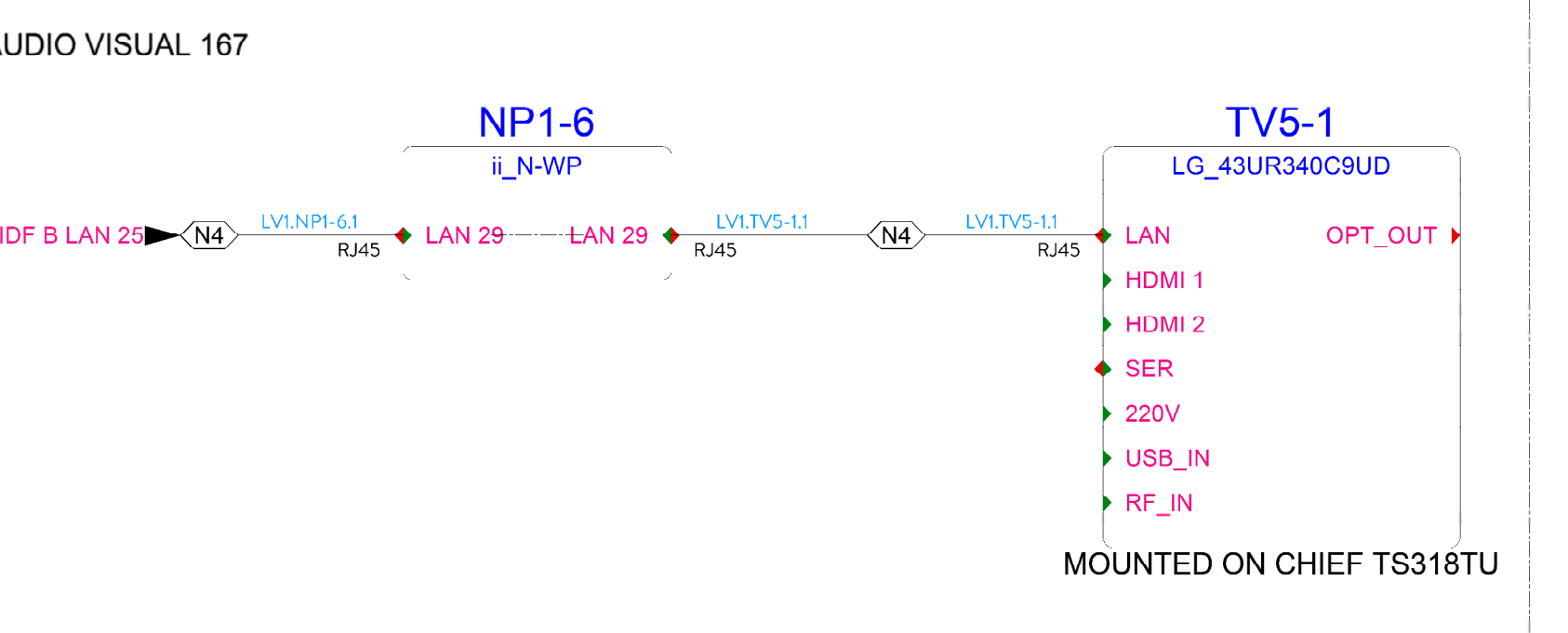
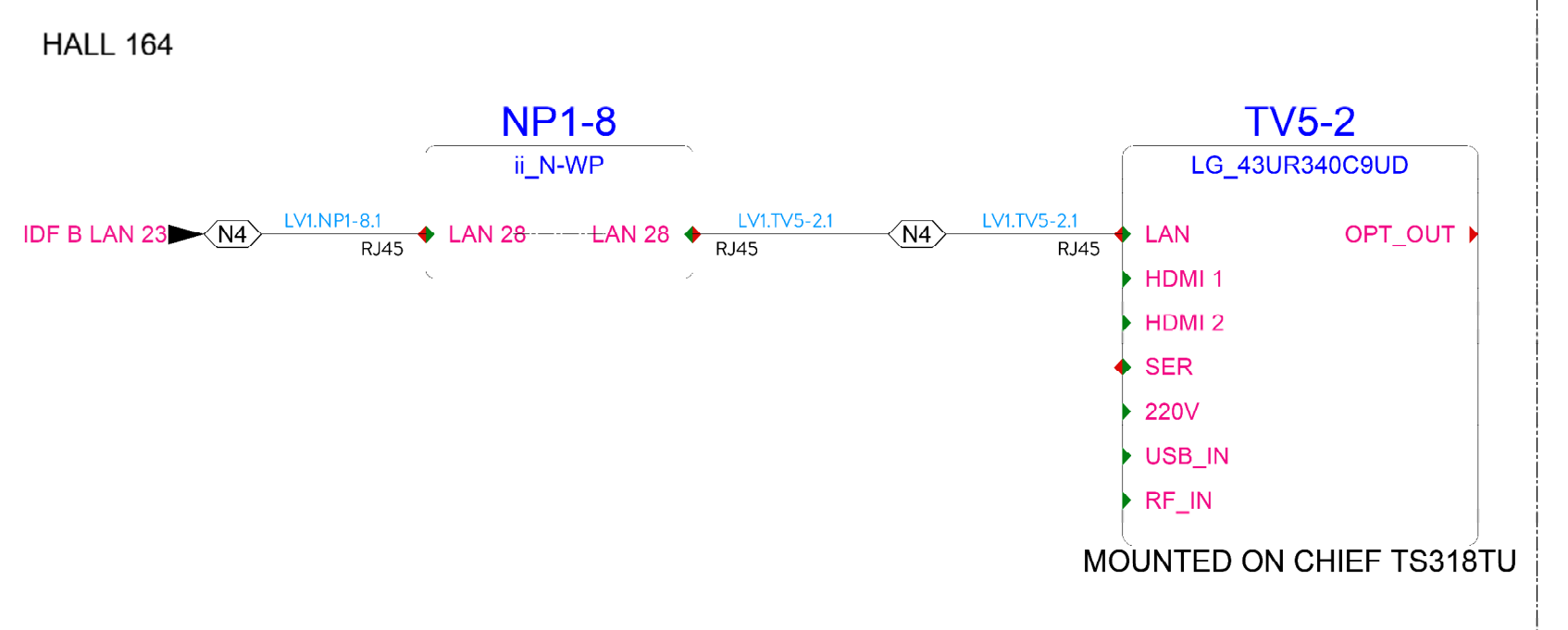
CONFERENCE ROOM 220



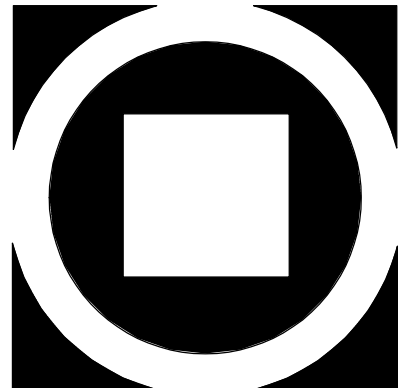
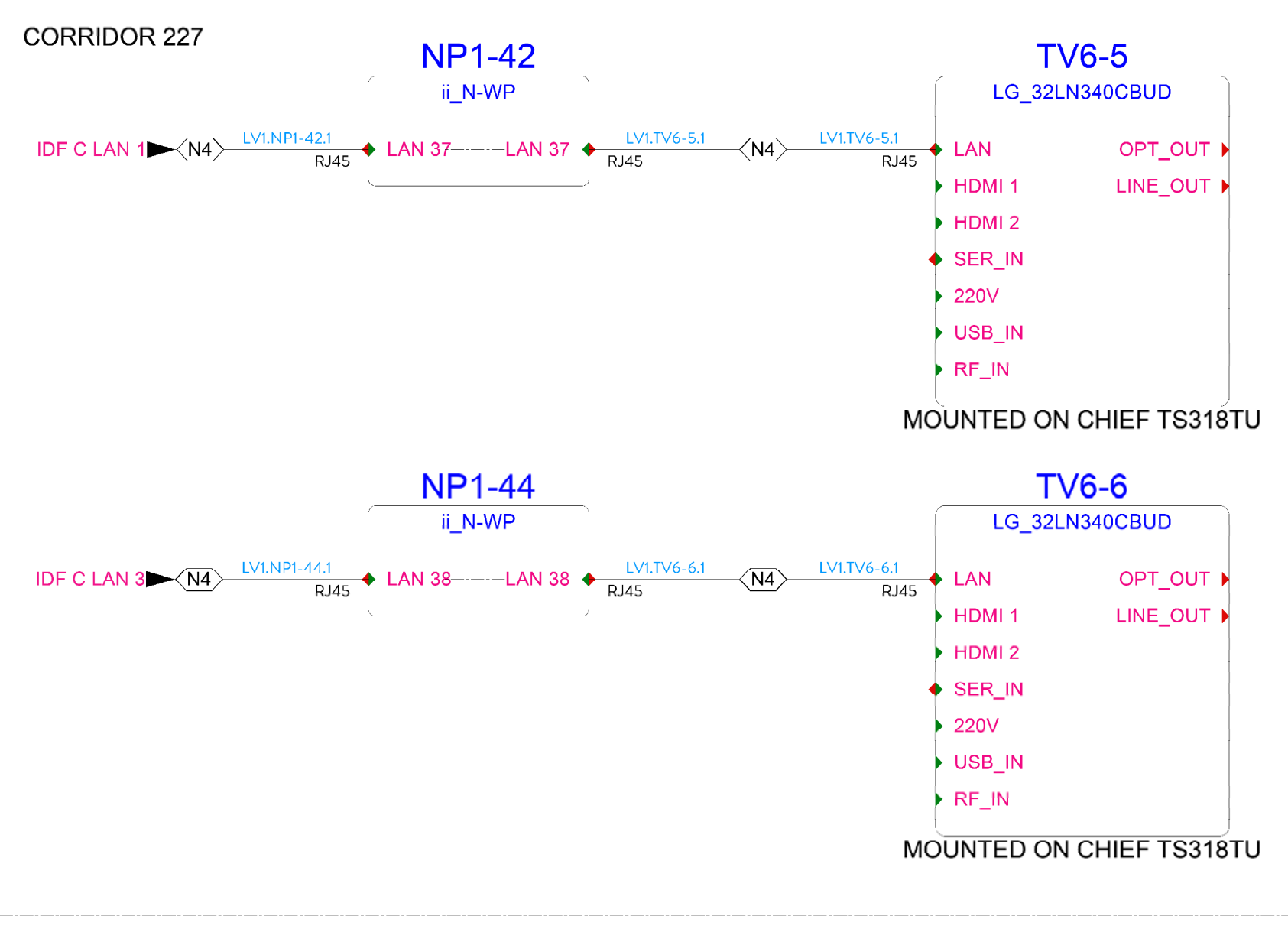
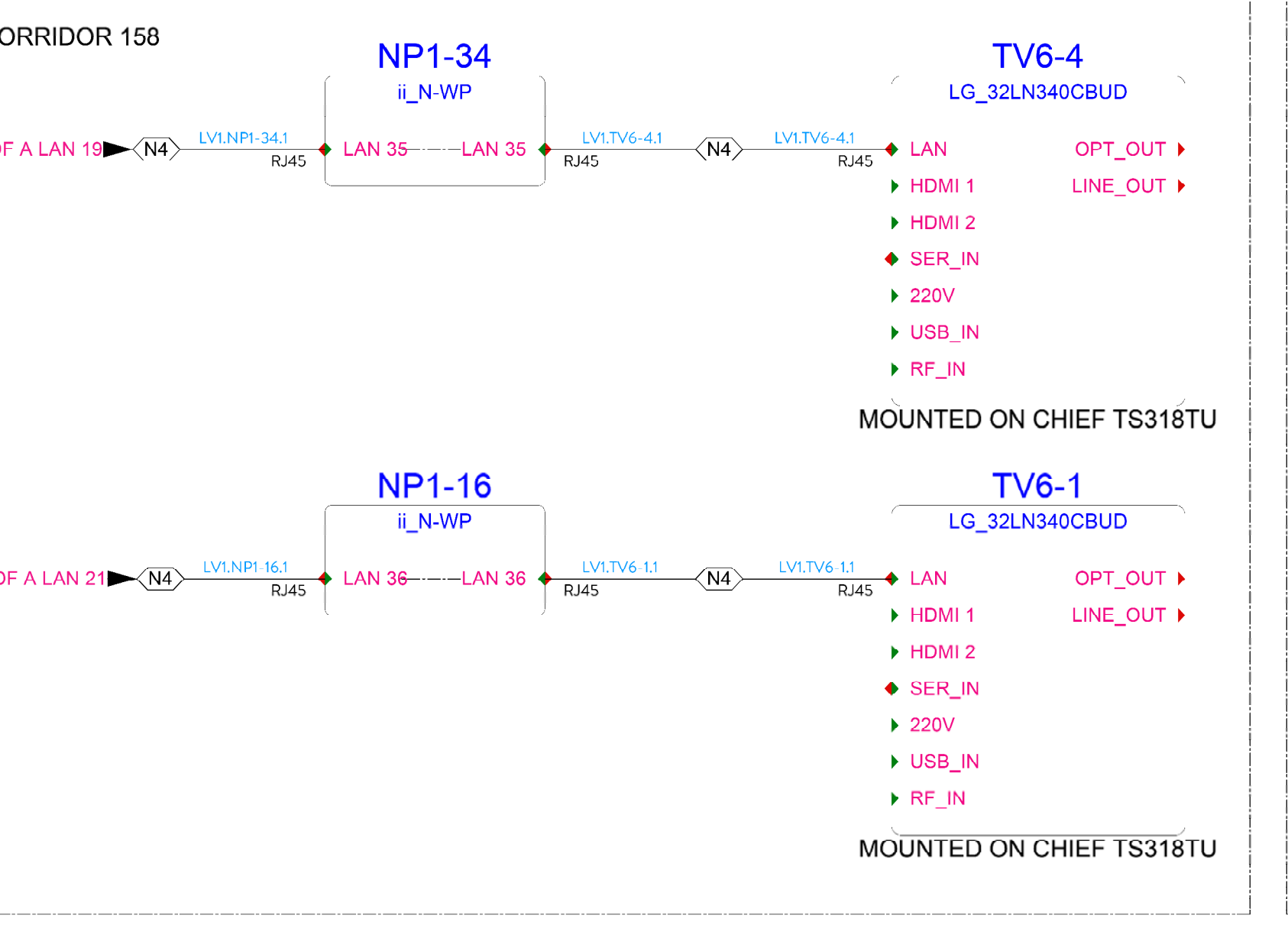
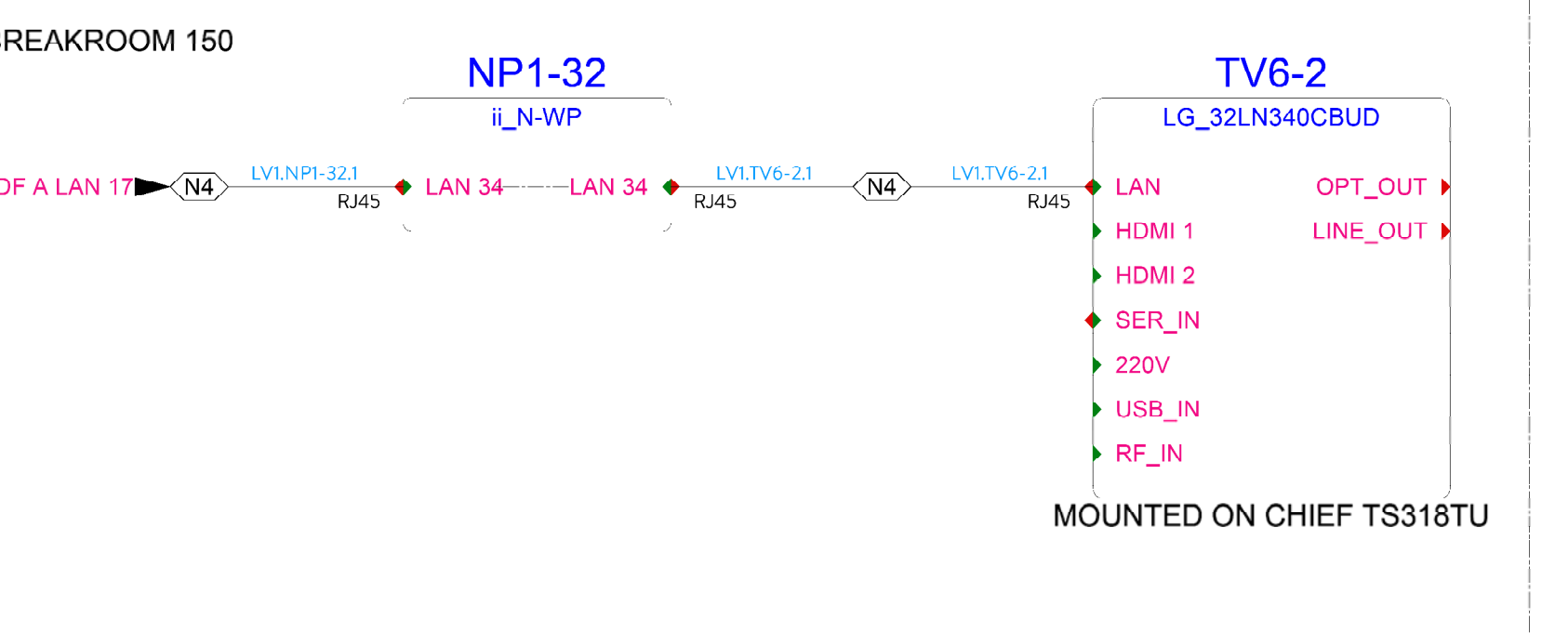
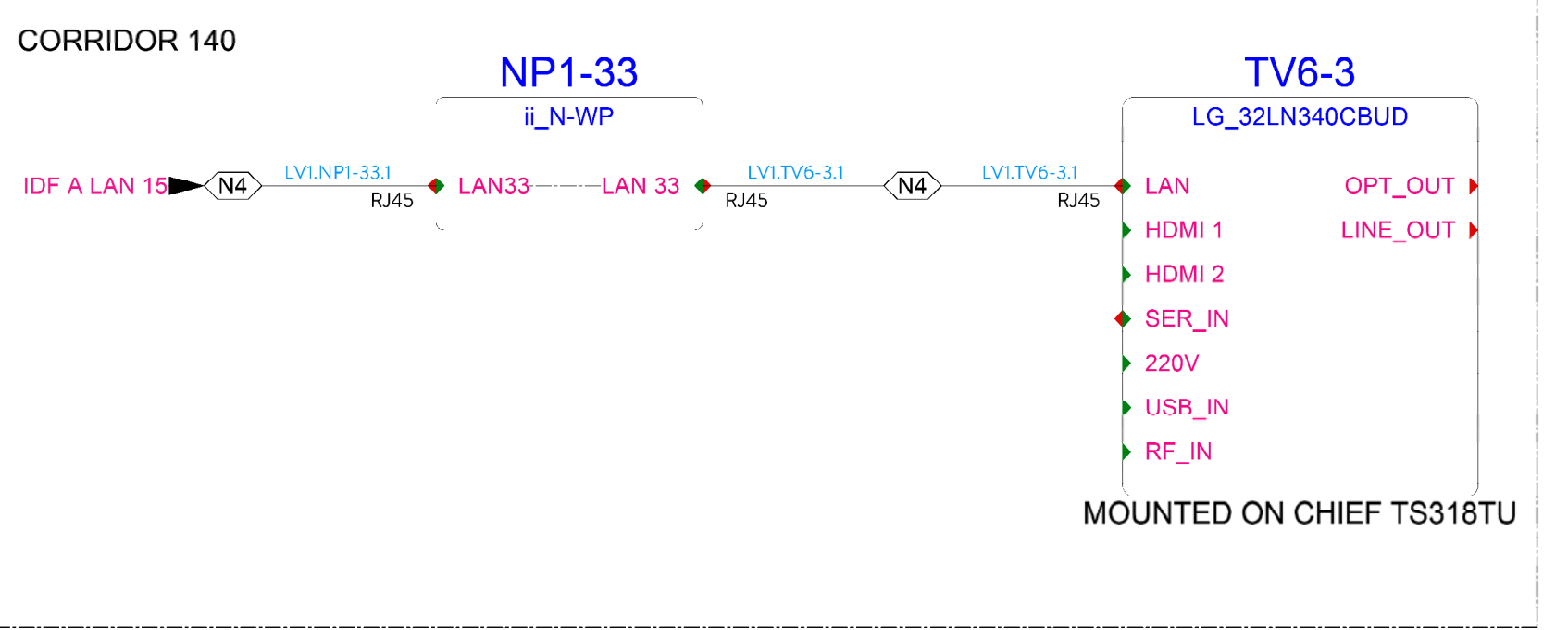
INDEPENDENT SYSTEMS - 50" SCREENS



DIGITAL SIGNAGE - 43" SCREENS



DIGITAL SIGNAGE - 32" SCREENS



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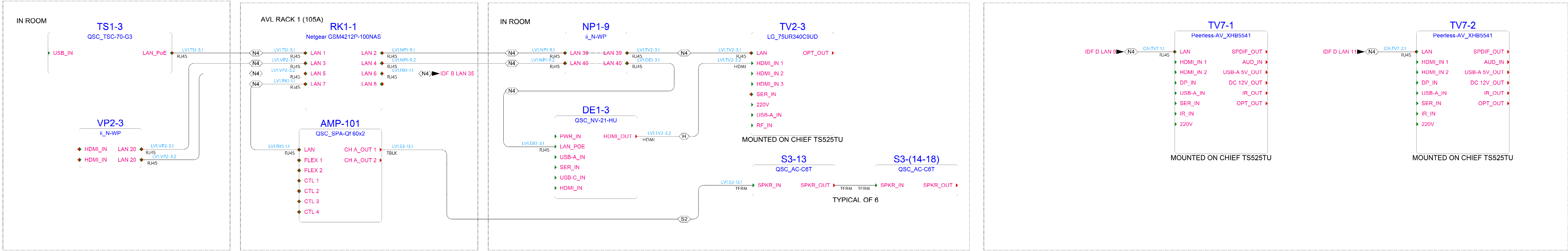
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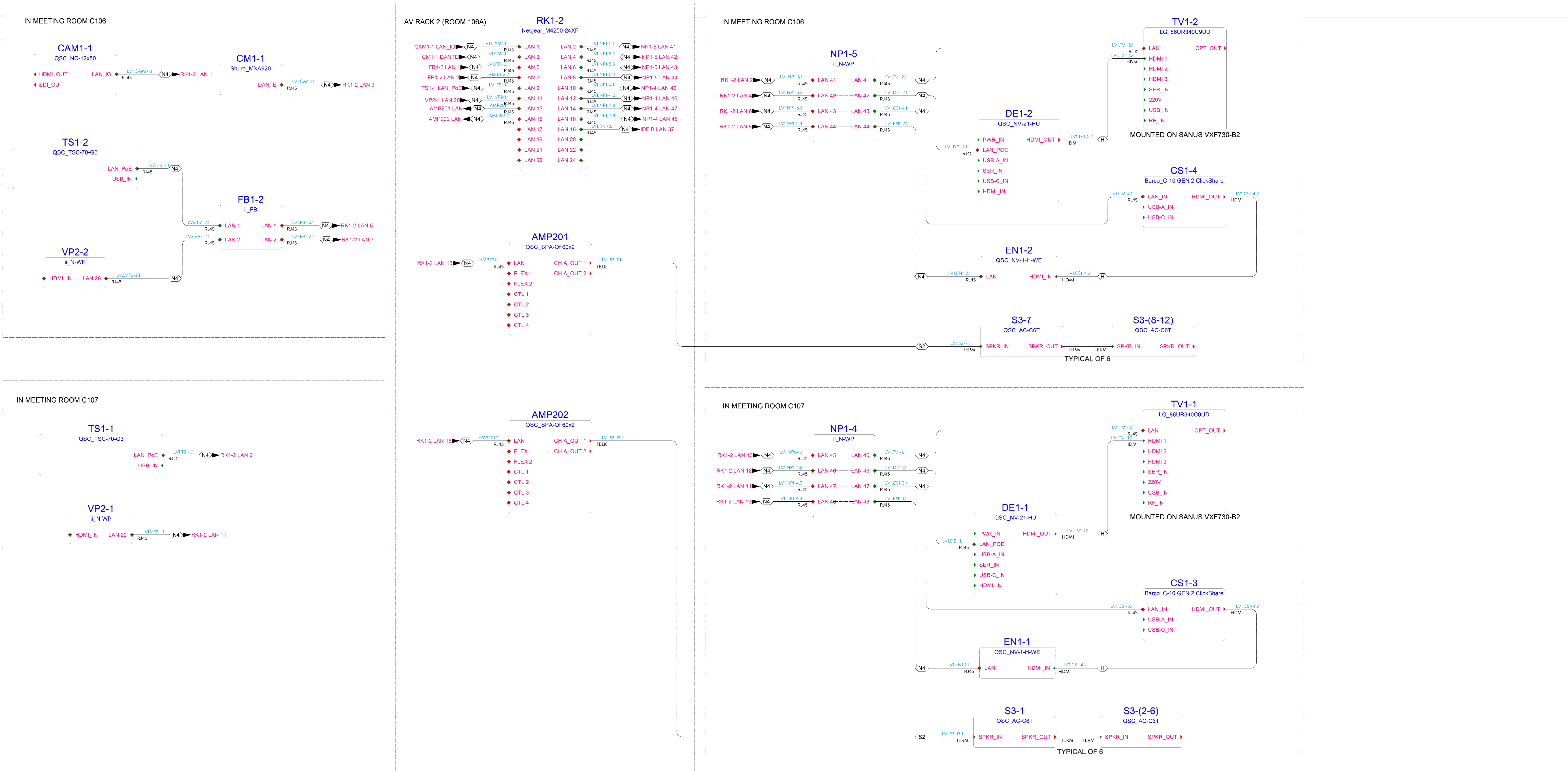
AV RISER	NO.	DESCRIPTION	DATE
1	1	DEMO PACKAGE	07/03/24
2	2	SCHEMATIC DESIGN	10/25/24
3	3	DEMO PACKAGE PH 1	11/04/24
4	4	DESIGN DEVELOPMENT	02/21/25
5	5	AV COORDINATION	05/19/25
6	6	BID & PERMIT	11/03/25

**AV
0.203**

THEATER ROOM 105



MEETING ROOM C106 AND C107



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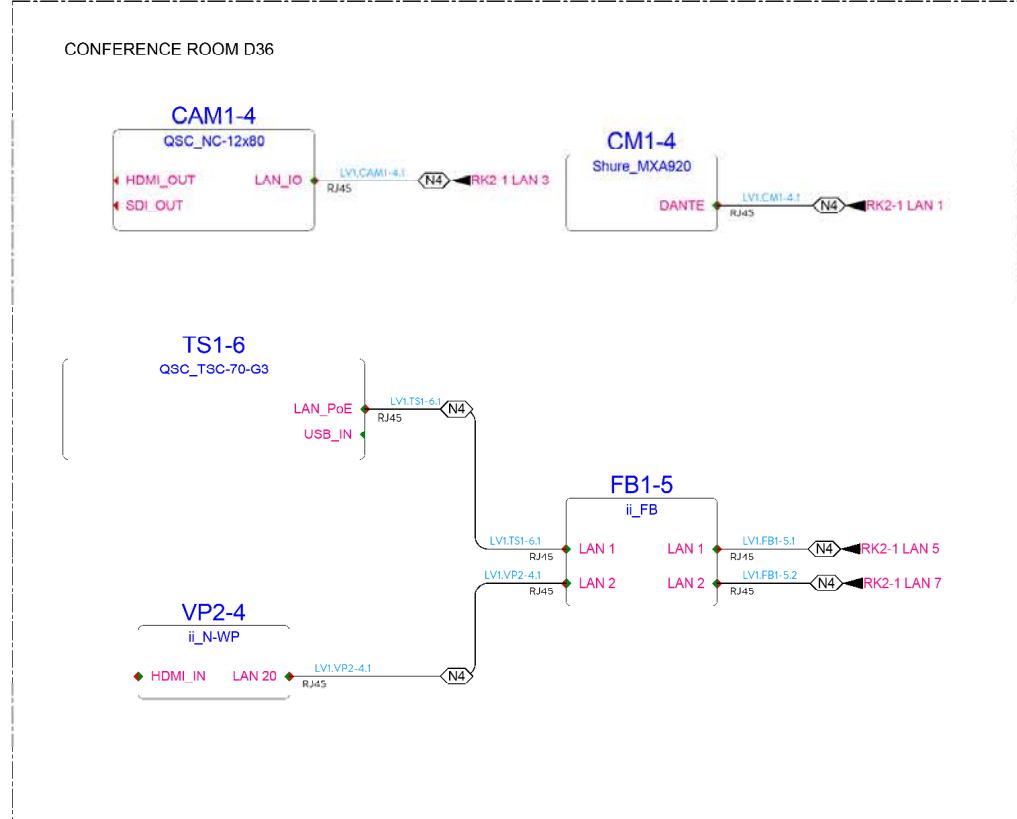
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AV RISER	NO.	DESCRIPTION	DATE
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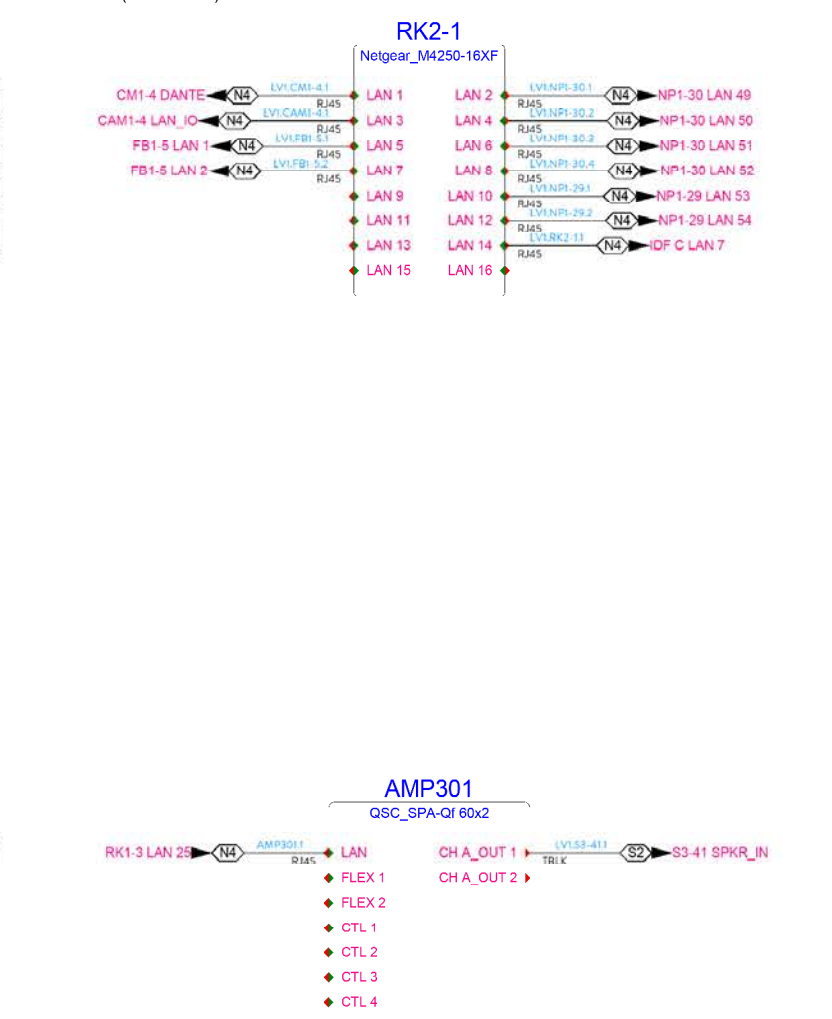
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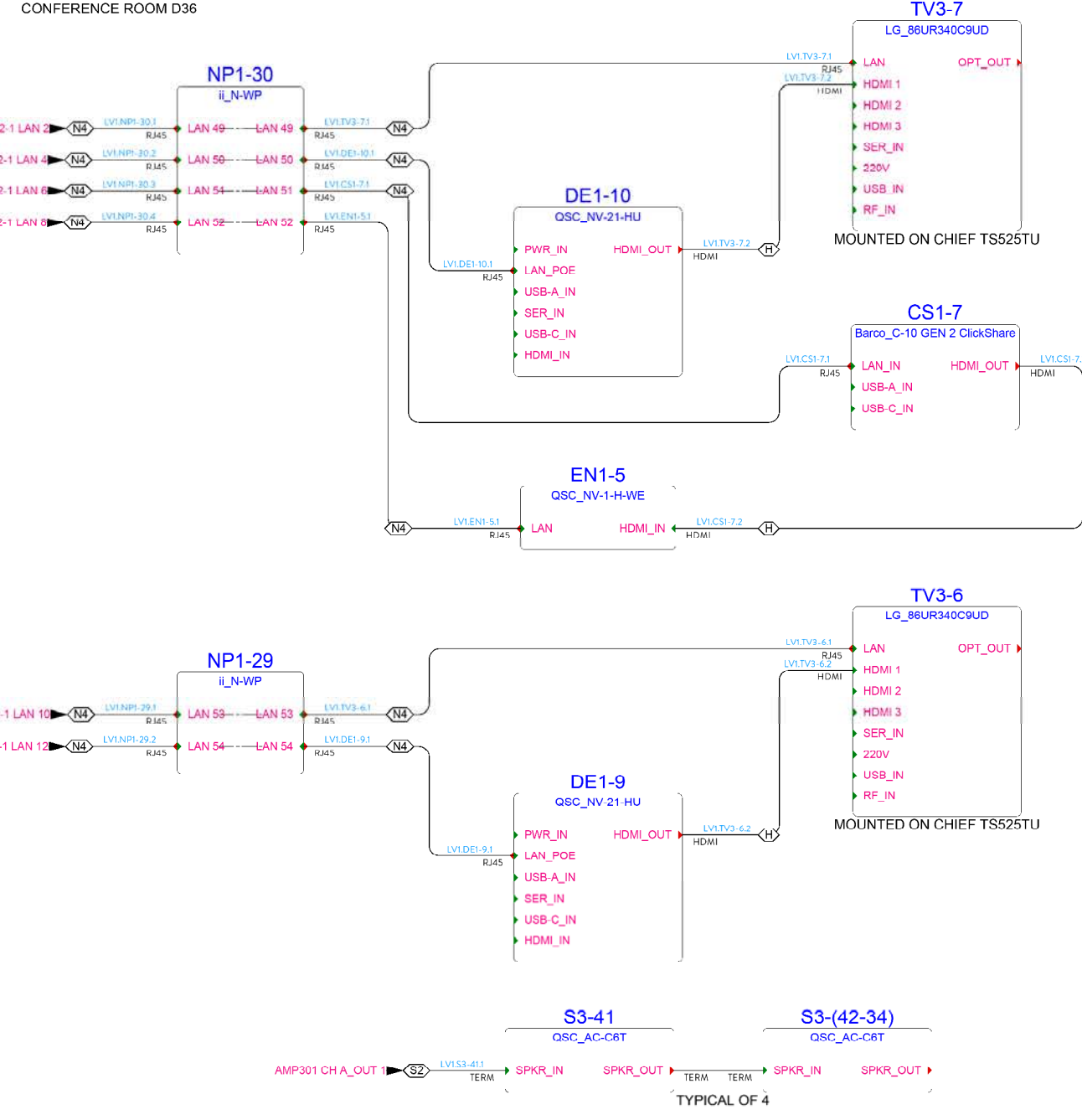
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MEETING ROOM C109 AND C110 AND CONFERENCE ROOM D36

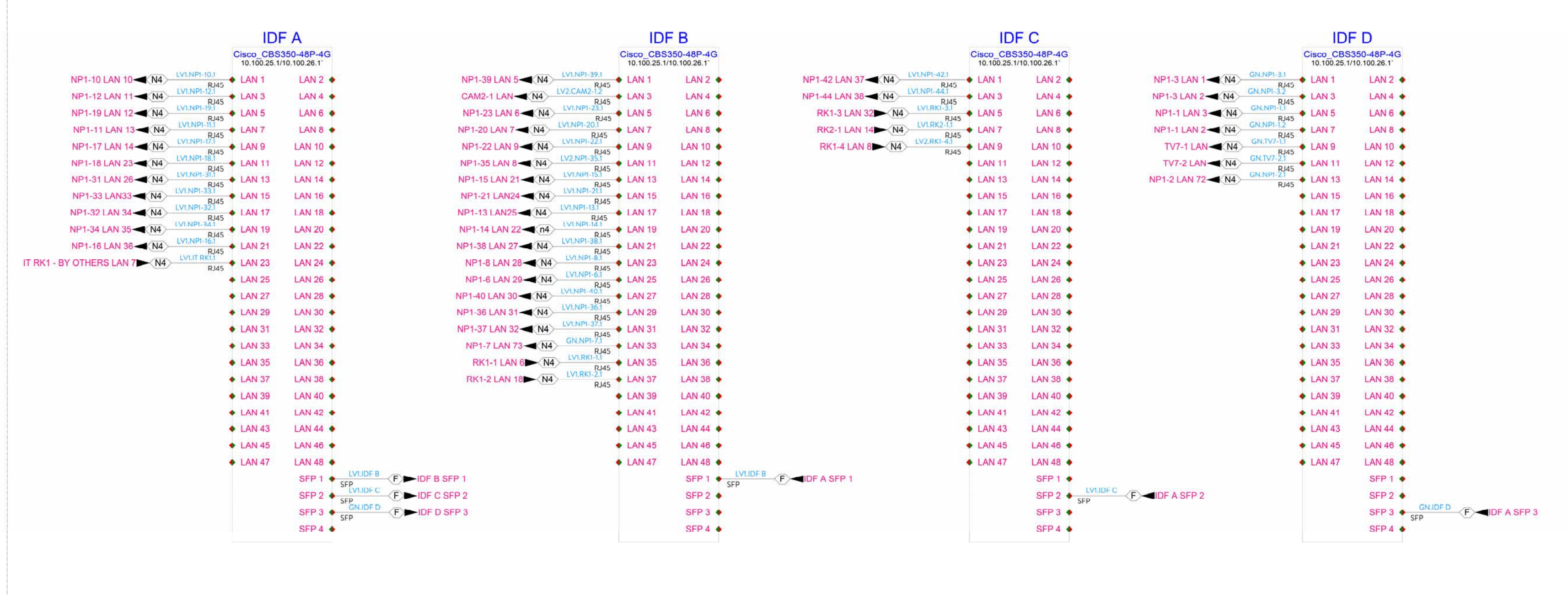


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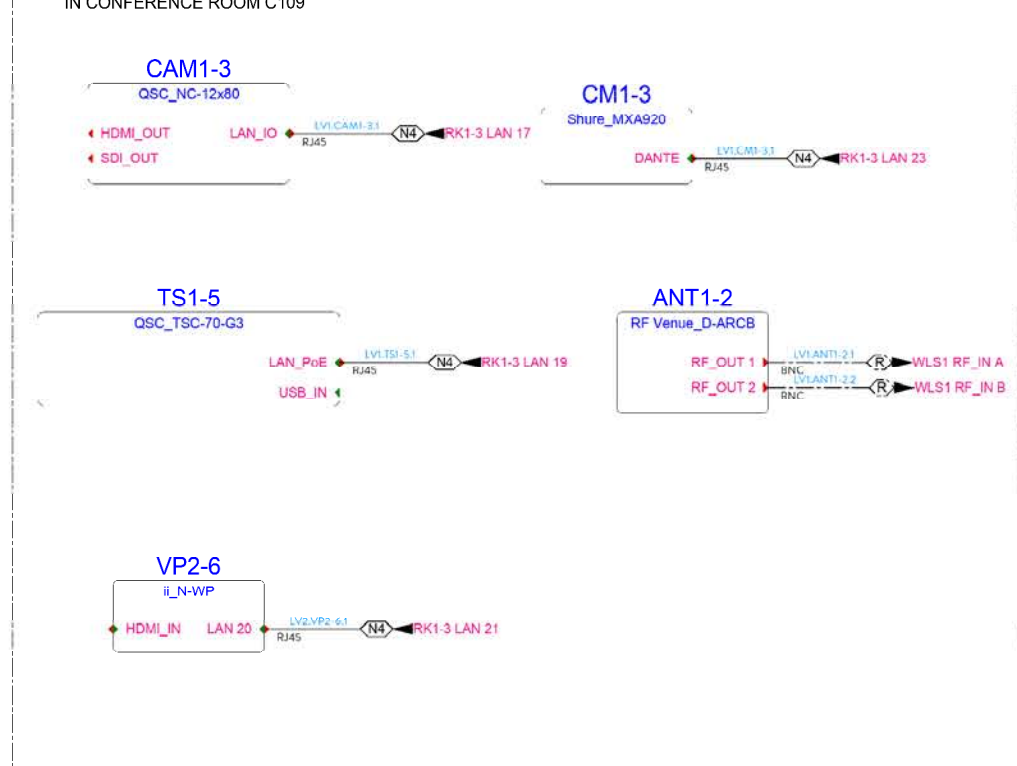




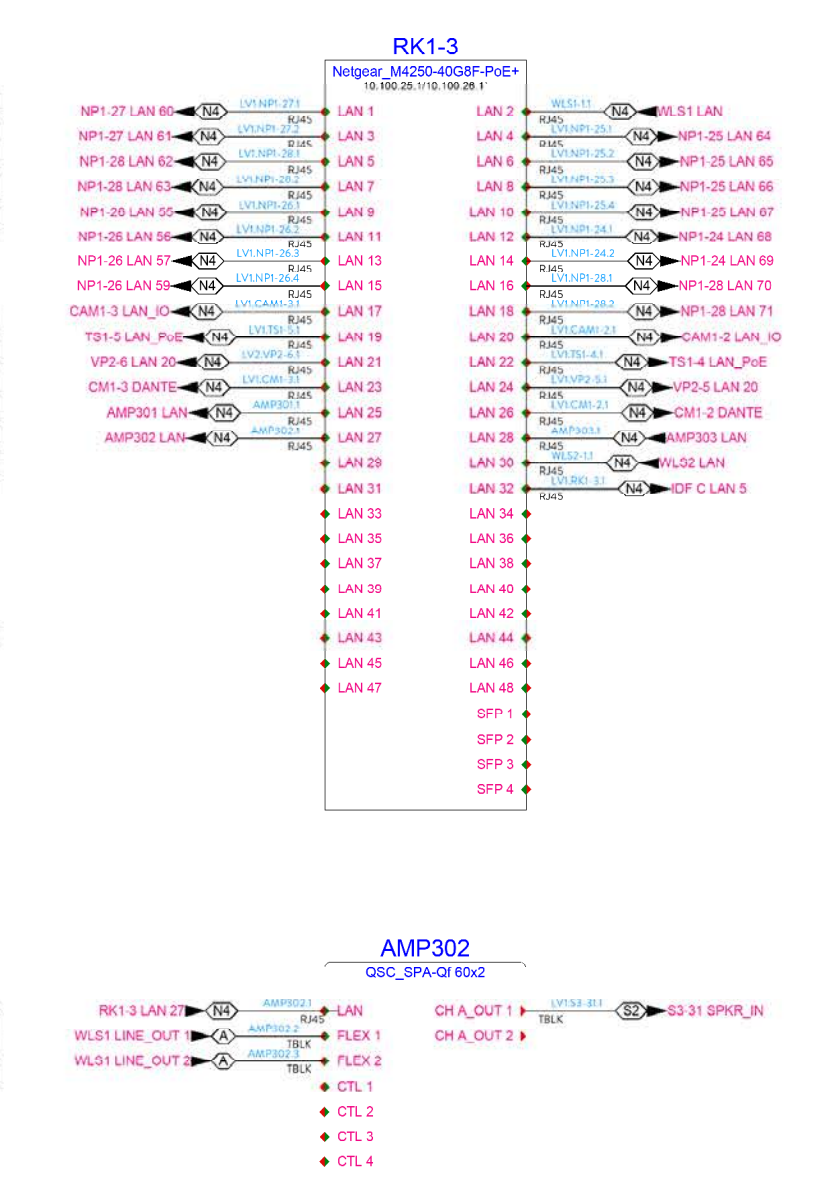
SWITCHES



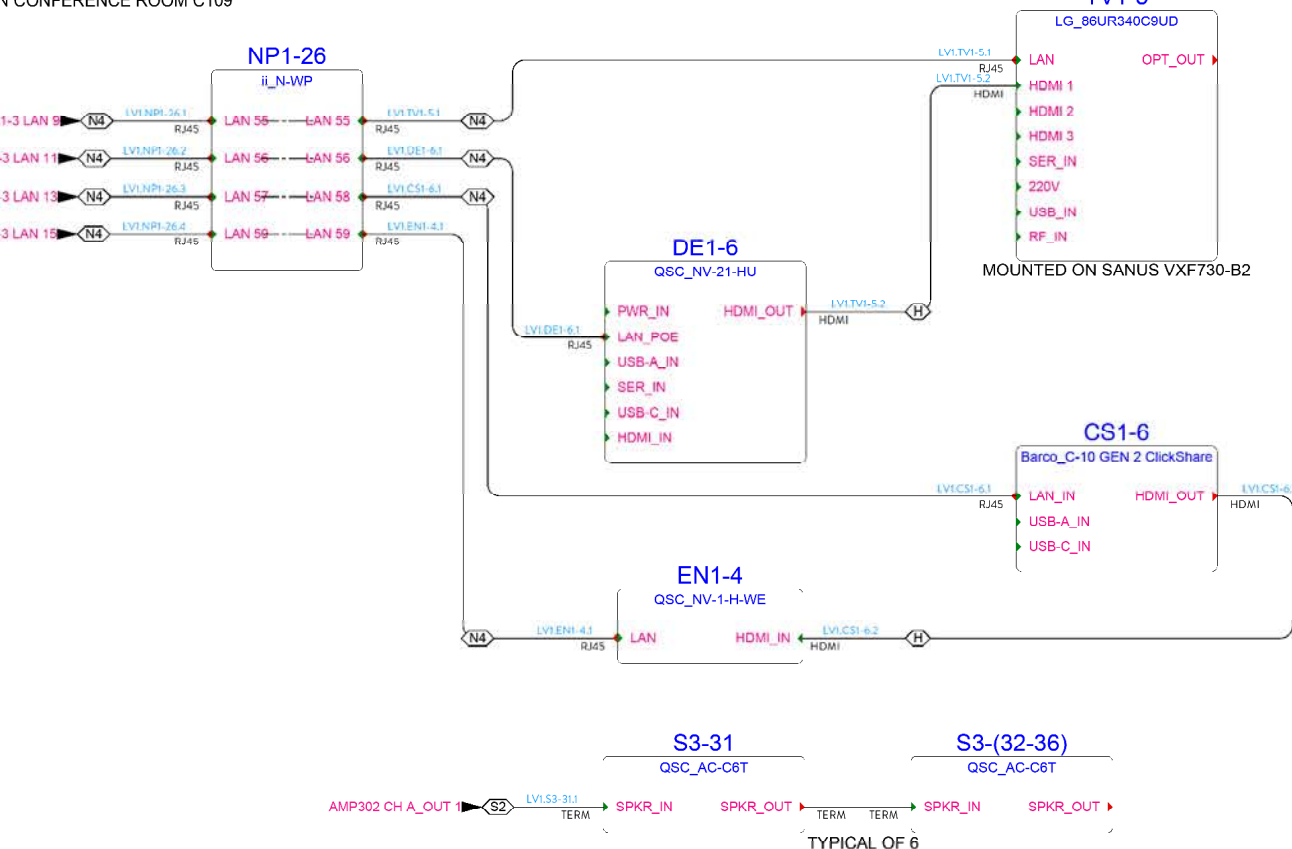
IN CONFERENCE ROOM G100



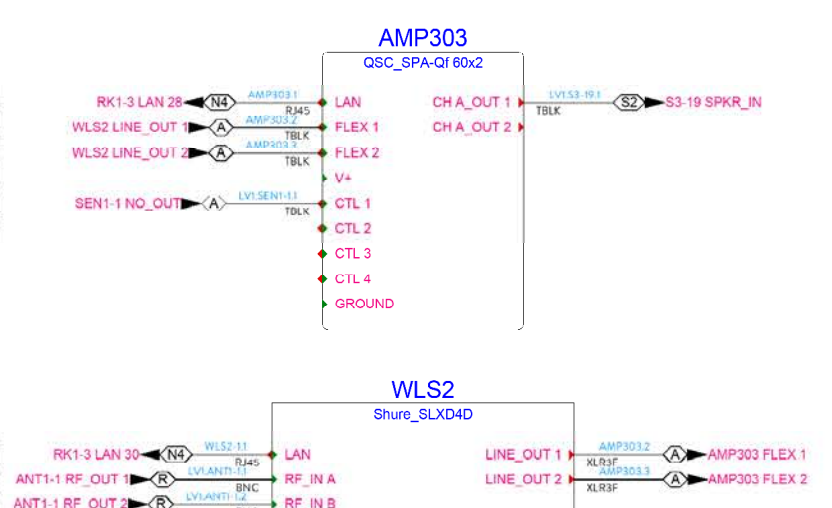
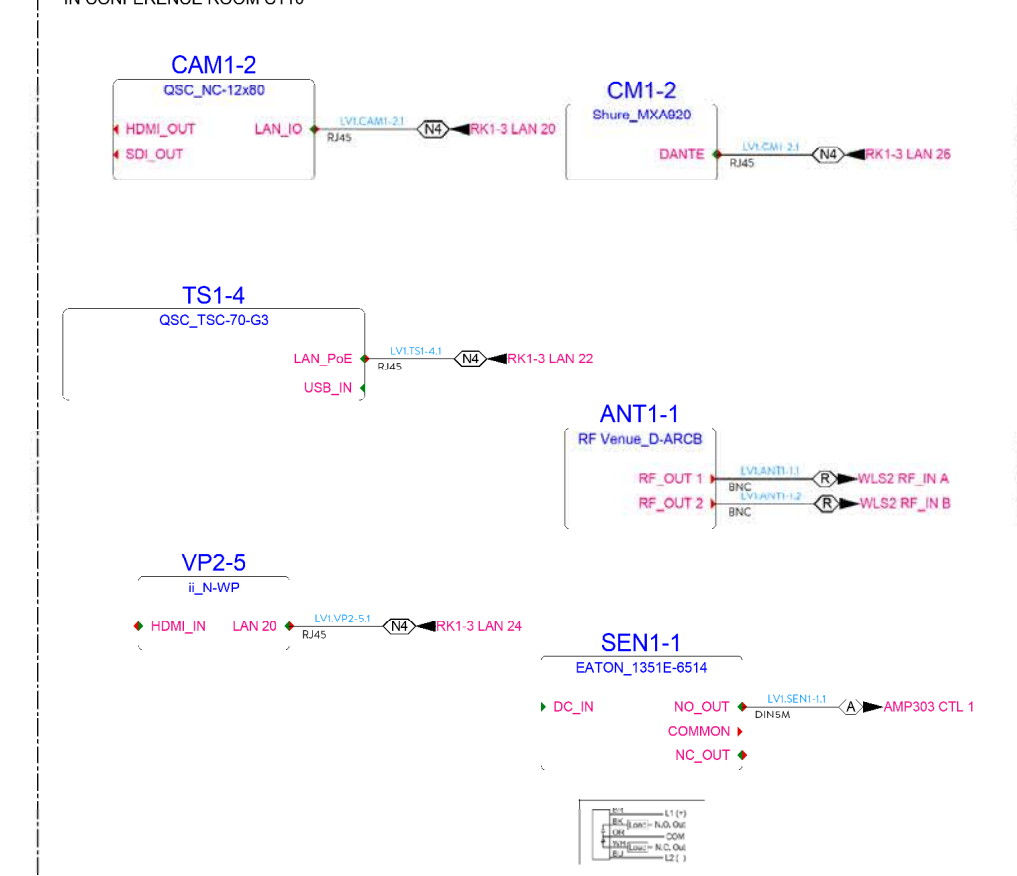
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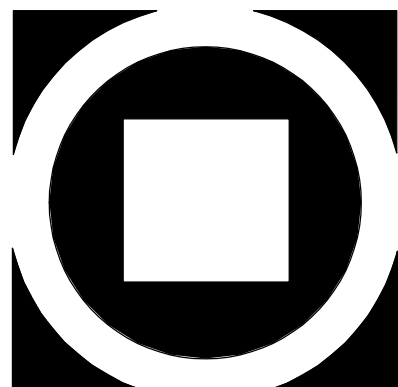
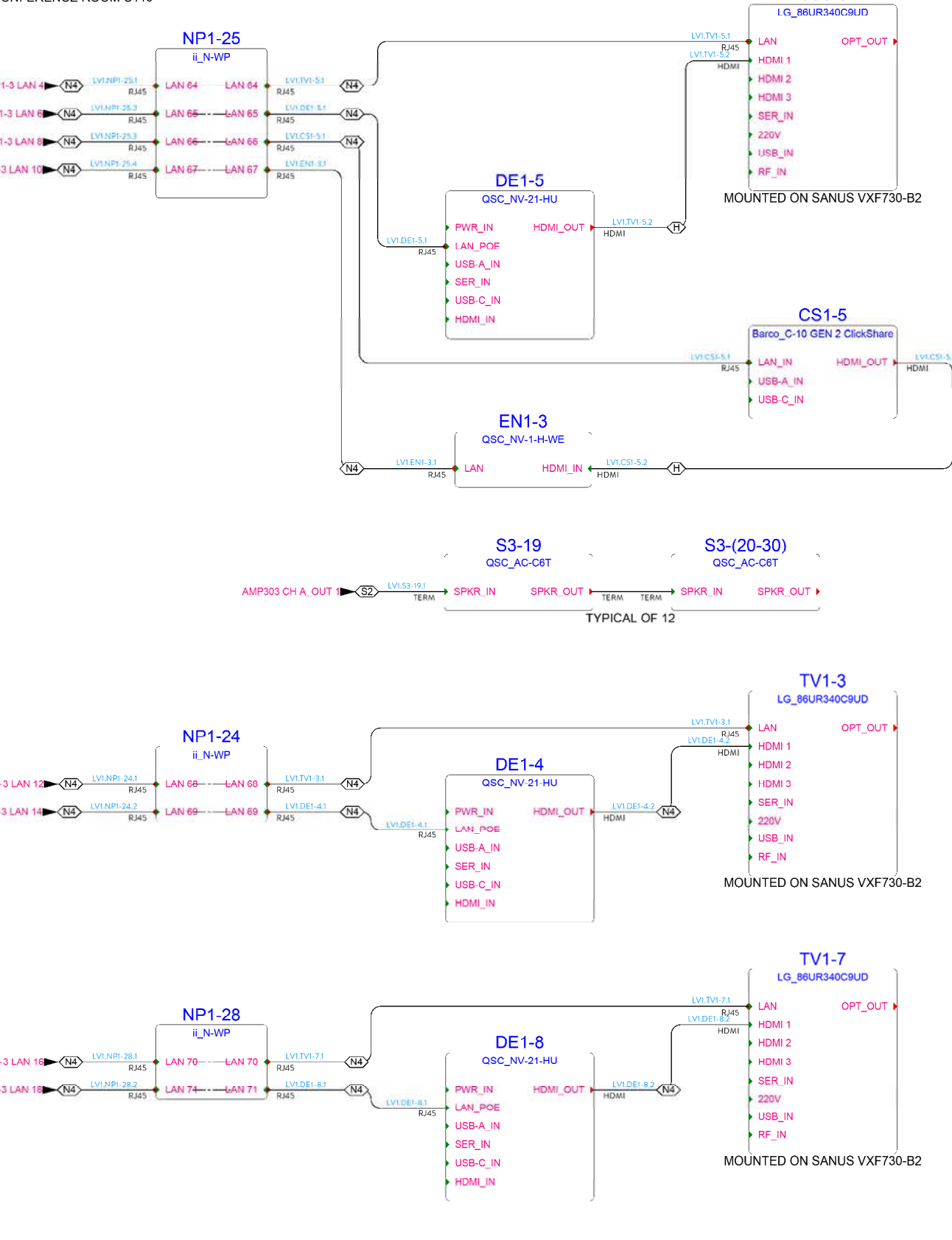
CONFERENCE ROOM C15



IN CONFERENCE ROOM C110



CONFERENCE ROOM C110



ELECTRICAL NOTES:

GENERAL NOTES:

- ELECTRICAL WORK TO MEET REQUIREMENTS OF GENERAL NOTES ON SHEET AVL0.001 OF THIS DOCUMENT.
- ELECTRICAL WORK PRESCRIBED WITHIN THESE DRAWINGS APPLY ONLY TO THE WORK WITHIN THE CONTRACT OF ILLUMINATED INTEGRATION. REFERENCE TO ANY OTHER ELECTRICAL WORK IS FOR CONVENIENCE ONLY AND ELECTRICAL WORK NOT RELATED TO THIS DOCUMENT'S SCOPE OF WORK IS TO BE PERFORMED ACCORDING TO THE ENGINEERING OF APPROPRIATE DOCUMENTATION.
- RECEPTACLES CALLED OUT IN THESE DRAWINGS ARE IN SERVICE OF THE PERFORMANCE AUDIO, VIDEO, LIGHTING AND RIGGING TECHNOLOGIES ONLY. RECEPTACLES SHOWN HERE ARE INTENDED AS SUPPLEMENTS TO, NOT SUBSTITUTES FOR, GENERAL-PURPOSE ELECTRICAL INFRASTRUCTURE AND RECEPTACLES AS REQUIRED BY CODE.
- FINAL RESPONSIBILITY FOR COMPLIANCE OF ELECTRICAL WORK TO LOCAL CODES UNDER AUTHORITIES HAVING JURISDICTION IS THE REponsibility OF THE PROJECT ELECTRICAL CONTRACTOR. COMPLIANCE WITH APPLICABLE CODES AND REGULATIONS SUPERCEDE ANY INFORMATION CONTAINED WITHIN THESE DRAWINGS. ELECTRICAL WORK TO MEET OR EXCEED LOCAL CODE AND LATEST PUBLICATION OF THE NATIONAL ELECTRICAL CODE. ELECTRICAL CONTRACTOR TO COMMUNICATE ANY ALTERATIONS FOR CODE COMPLIANCE OR OTHER REASONS TO DESIGN ENGINEER AND PROJECT MANAGER FOR INCLUSION IN AS-BUILT DOCUMENTATION.

BACK BOXES:

- ALL LOW-VOLTAGE BACK BOXES TO BE EXTRA DEEP (3 1/2").
- ALL RECESSED BACK BOXES TO BE INSTALLED SO THAT FACE PLATE IS FLUSH WITH FINISHED SURFACE. ADJUST BACK BOX AFTER WALL FINISH IF NEEDED.
- ROUGH IN WALL CUTOUTS FOR RECESSED BACK BOXES TO BE NO GREATER THAN 1/4" GREATER THAN BACK BOX SIZE AND NO EDGE GREATER THAN 1/8" FROM BACK BOX PERIMETER.
- ALL LOW-VOLTAGE BACK BOXES TO BE INSTALLED WITH MEASURED PULL STRING, OVER PULLED BY 3' ON EACH END AND SECURED ON EACH END WHEN NOT IN USE TO AVOID ACCIDENTAL PULL-THROUGH.

CONDUIT:

- ALL CONDUIT STUBS TO INCLUDE NON-METALLIC BUSHING.
- ALL CONDUIT, BACKBOXES AND NON-DEVICE FACE PLATES TO BE FURNISHED BY ELECTRICAL CONTRACTOR EXCEPT WHERE OTHERWISE NOTED.
- CONDUIT, RACEWAYS OR OTHER LINEAR ELECTRICAL EQUIPMENT TO RUN PARALLEL TO LIGHTING INSTRUMENTS OR SUPPORTS TO AVOID INTERACTION. MOUNTING OVER STAGES TO BE AVOIDED EXCEPT FOR DIRECT RUNS TO DEVICES. HOME RUNS TO TAKE SHORTEST PATH TO CLEAR STAGE OR PLATFORM AREAS BEFORE MAKING HOME RUN TO PANEL, RACK OR NEXT DEVICE.
- CONDUIT NOT TO RUN PARALLEL TO UNDERSIDE OF BEAMS OR OTHER MOUNTABLE SURFACES. CONDUIT THAT MUST RUN PARALLEL TO BEAMS MUST BE MOUNTED MIN. 2" FROM FLANGES.
- ELECTRICAL CONTRACTOR TO MAKE FINAL DETERMINATION OF CONDUIT PATHS. NO CONDUIT PATH TO HAVE GREATER THAN 180 ° OF BEND WITHOUT INSERTION OF PULL BOX. PULL BOX TO BE SUPPLIED AT MINIMUM OF 100' INTERVALS.
- LB, LL, LR OR SIMILARLY-CONSTRUCTED CONDUIT BODIES ARE NOT TO BE USED. CONDUIT BENDS OF A RADIUS NO LESS THAN 6" TO BE USED AS AN ALTERNATIVE.
- UNDERGROUND CONDUIT TO BE RMC EXCEPT WHERE PROHIBITED BY CODE. IF PVC IS TO BE USED, NOTIFY DESIGN ENGINEER TO DETERMINE IF ADDITIONAL SHIELDING IS REQUIRED.
- UNDERGROUND OR IN-SLAB CONDUIT TO BE SEALED AT EACH JOINT WITH NECESSARY PROTECTIONS AGAINST WATER INGRESS AT EACH END.
- ELECTRICAL CONTRACTOR TO MAKE FINAL DETERMINATION OF CONDUIT SIZING. CONFIRM CABLE MODELS AND O.D. AGAINST CABLE SCHEDULE BASIS OF DESIGN TO ENSURE SUFFICIENT CLEARANCE. CONDUIT SIZING TO MEET OR EXCEED NEC REQUIREMENTS, UPSIZED TO NEXT TRADE SIZE UP TO ACCOUNT FOR FUTURE CABLE ADDITIONS.

CABLING:

- NO COMMON NEUTRALS TO BE USED FOR AV OR LIGHTING EQUIPMENT DUE TO SIGNIFICANT NON-LINEAR LOADS AND ON-BOARD DIMMING.
- CABLES TO BE LABELED WITH UNIQUE IDENTIFIER WITHIN 6" OF CONNECTOR.
- CABLE MUST BE CONTINUOUS, WITHOUT SPLICING BETWEEN ENDPPOINTS.
- SERVICE LOOP TO BE NEATLY COILED AFTER CABLE PULL AND SEPARATED TO PREVENT TANGLING BEFORE TERMINATION. LEAVE 20' OF SERVICE LOOP AT RACKS, 8' AT BACKBOXES AND ENDPPOINTS. 25' IN OVER-CEILING SPACES.
- ALL CABLING TO BE RUN IN SEPARATE CONDUIT ACCORDING TO CONDUIT SEPARATION SCHEDULE.
- FREE-AIR LOW VOLTAGE CABLING TO AVOID PARALLEL RUNS TO LINE-VOLTAGE CABLING WHERE POSSIBLE, CROSSING PERPENDICULARLY UNTIL SUFFICIENT SEPARATION IS ACHIEVED.
- LOW- AND LINE-VOLTAGE WIRING WITHIN THE SAME BACK BOX SHALL BE SEPARATED BY A MIN. 1/16" VOLTAGE DIVIDER.
- EXPOSED CABLE TO BE COMBED CLEANLY AND BOUND AT MIN. 12" INTERVALS. PROTECT WITHIN CONDUIT WHERE POSSIBLE IN ACCORDANCE WITH NEC CH. 9 TBL. 1, NOTE 2.
- ALL LINE-VOLTAGE TERMINATIONS BY ELECTRICAL CONTRACTOR. LOW-VOLTAGE CABLE PULLS AND TERMINATIONS ON A PROJECT-BY-PROJECT BASIS. SEE DIVISION OF RESPONSIBILITIES TABLE ON COVER SHEET OF THIS DOCUMENT.
- ACCEPTANCE TESTING OF ALL LINE-VOLTAGE AND LOW-VOLTAGE TERMINATIONS AT THE DISCRETION OF ILLUMINATED INTEGRATION.
- GROUNDING CONDUCTORS TO BE HOME RUN TO CENTRALIZED BUS AND NOT SHARED BETWEEN CIRCUITS TO MINIMIZE POSSIBILITY OF GROUND LOOPS AFFECTING AUDIO AND VIDEO PERFORMANCE. EXCEPTION IS MULTIPLE RECEPTACLES ON SAME CIRCUIT WITHIN SAME HOUSING.
- CATEGORY CABLE TERMINATIONS TO BE T568B.

PANELS:

- EC TO MAKE FINAL DETERMINATION OF PANEL HEIGHTS AND CLEARANCES.
- EC TO MARK CLEARANCES AROUND PANELS AND POSTED REQUIRED SIGNAGE.
- ALL PANELS AND SWITCHBOARDS TO INCLUDE PRINTED BREAKER LABELLING TO AS-BUILT CONDITIONS. LABELLING TO BE FORWARDED TO ILLUMINATED INTEGRATION FOR INCLUSION IN AS-BUILT DOCUMENTATION.

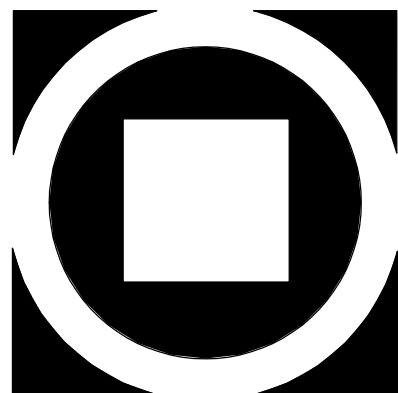
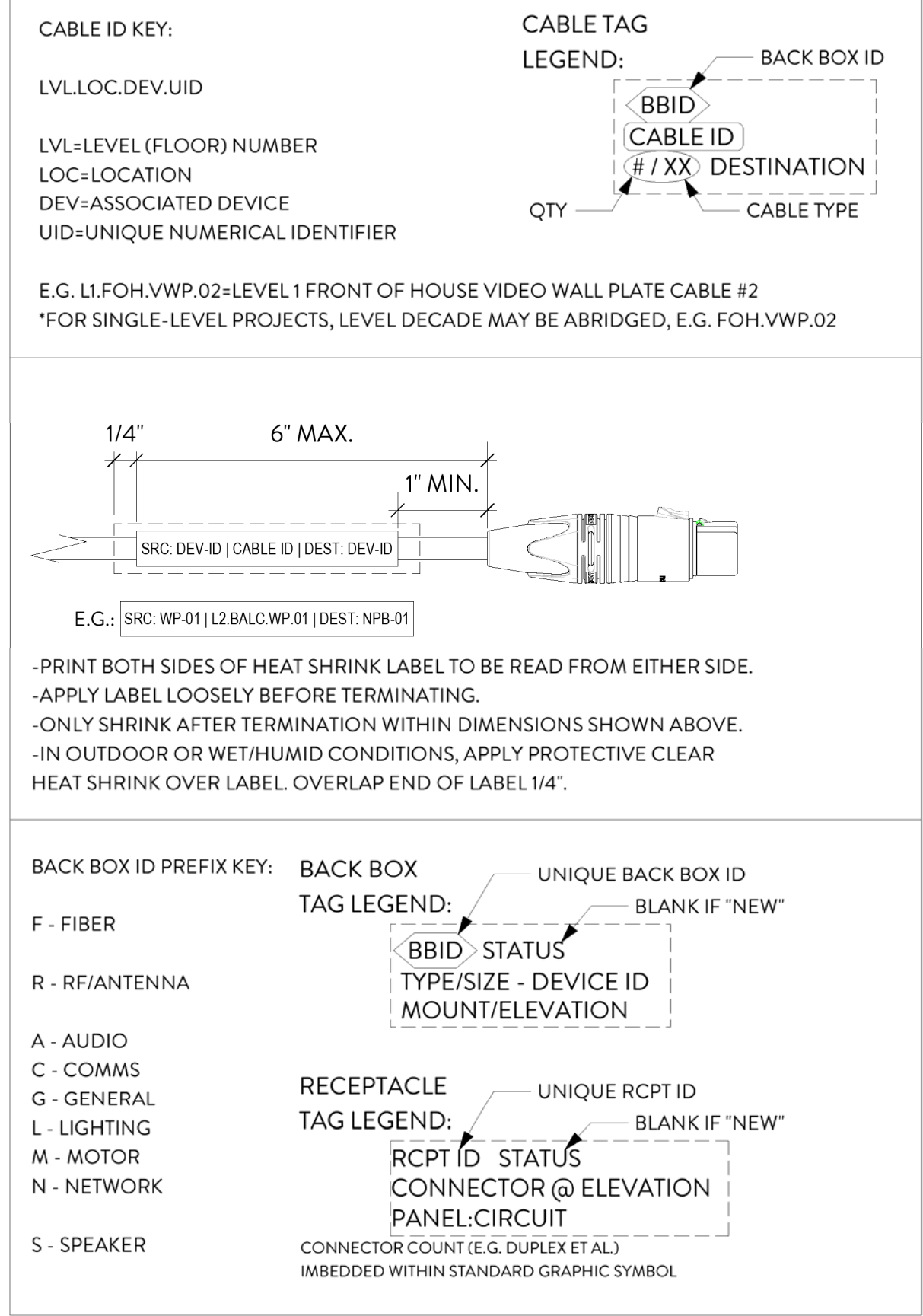
CABLE LEGEND

ID #	USE	GAUGE	# COND.	SOLID	SHIELD	PLENUM	NOM. IMP.	MANUFACTURER	MODEL	NOM. O.D.
A	MIC / LINE	20 AWG	1P		X	X	31Ω	WINDY CITY WIRE	20-02SP	.140"
F	NETWORK TRUNK	--	2	X			--	CLEERLINE	6RMD9125OS2R	.240"
H	HDMI	24 AWG	1		X		--	C2G	CG-C2G10384	.374"
L	LED TAPE	18 AWG	5		X	X	--	TMB	PCPE145B	.223"
N1	NETWORK	23 AWG	4P	X			103Ω	WEST PENN	4246EZBK	.220"
N2	NETWORK	23 AWG	4P	X	X		100Ω	WINDY CITY WIRE	CAT6AS-BLK	.303"
N3	NETWORK	23 AWG	4P	X		X	103Ω	WINDY CITY WIRE	CAT6P-BLK	.215"
N4	NETWORK	23 AWG	4P	X	X	X	100Ω	WINDY CITY WIRE	CAT6ASP-BLK	.273"
R1	ANTENNA RISER	17 AWG	1		X		50Ω	WEST PENN	807XBK	.242"
R2	ANTENNA PATCH	20 AWG	1		X		50Ω	WINDY CITY WIRE	RG58-BLK	.198"
S1	SUBWOOFER	10 AWG	2			X	--	WEST PENN	25210BK	.340"
S2	SPEAKERS	12 AWG	2				--	WEST PENN	25227BK	.250"
S3	70V SPEAKERS	14 AWG	2				52Ω	WEST PENN	25226BK	.210"
U1	ARCH. CTRL DATA	16 AWG	1P			X	--	WEST PENN	25225BBK1000	.176"
U2	ARCH. CTRL DRAIN	14 AWG	1				--	WINDY CITY WIRE	1401THHN-STR	.113"
V1	VIDEO RISER	18 AWG	1	X	X	X	75Ω	WINDY CITY WIRE	RG6P-BLK	.239"
V2	VIDEO PATCH	20 AWG	1	X	X		75Ω	WINDY CITY WIRE	RG59-BLK	.236"
X	DMX	24 AWG	2P		X	X	110Ω	WEST PENN	DA2402	.265"

N.B. ABOVE CABLES ARE BASIS OF DESIGN. COMPARABLE CABLE MEETING ALL REQUIREMENTS ARE ACCEPTABLE PENDING APPROVAL BY ILLUMINATED INTEGRATION.

CONDUIT SEPARATION TABLE

MAINTAIN MINIMUM SEPARATION BETWEEN CONDUITS CARRYING DIFFERENT SIGNAL/CABLE CATEGORIES.					
DO NOT PULL CABLES OF DIFFERENT SIGNAL/CABLE CATEGORIES IN SAME CONDUIT.					
SIGNAL/CABLE CATEGORY	FIBER	ANTENNA	DATA (0-10V)	SPEAKER (10-70V)	LINE LEVEL (70+V)
FIBER	--	3"	3"	3"	3"
ANTENNA	3"	--	6"	1'0"	1'0"
DATA (0-10V)	3"	6"	--	6"	1'0"
SPEAKER (10-70V)	3"	1'0"	6"	--	1'0"
LINE LEVEL (70+V)	3"	1'0"	1'0"	1'0"	--



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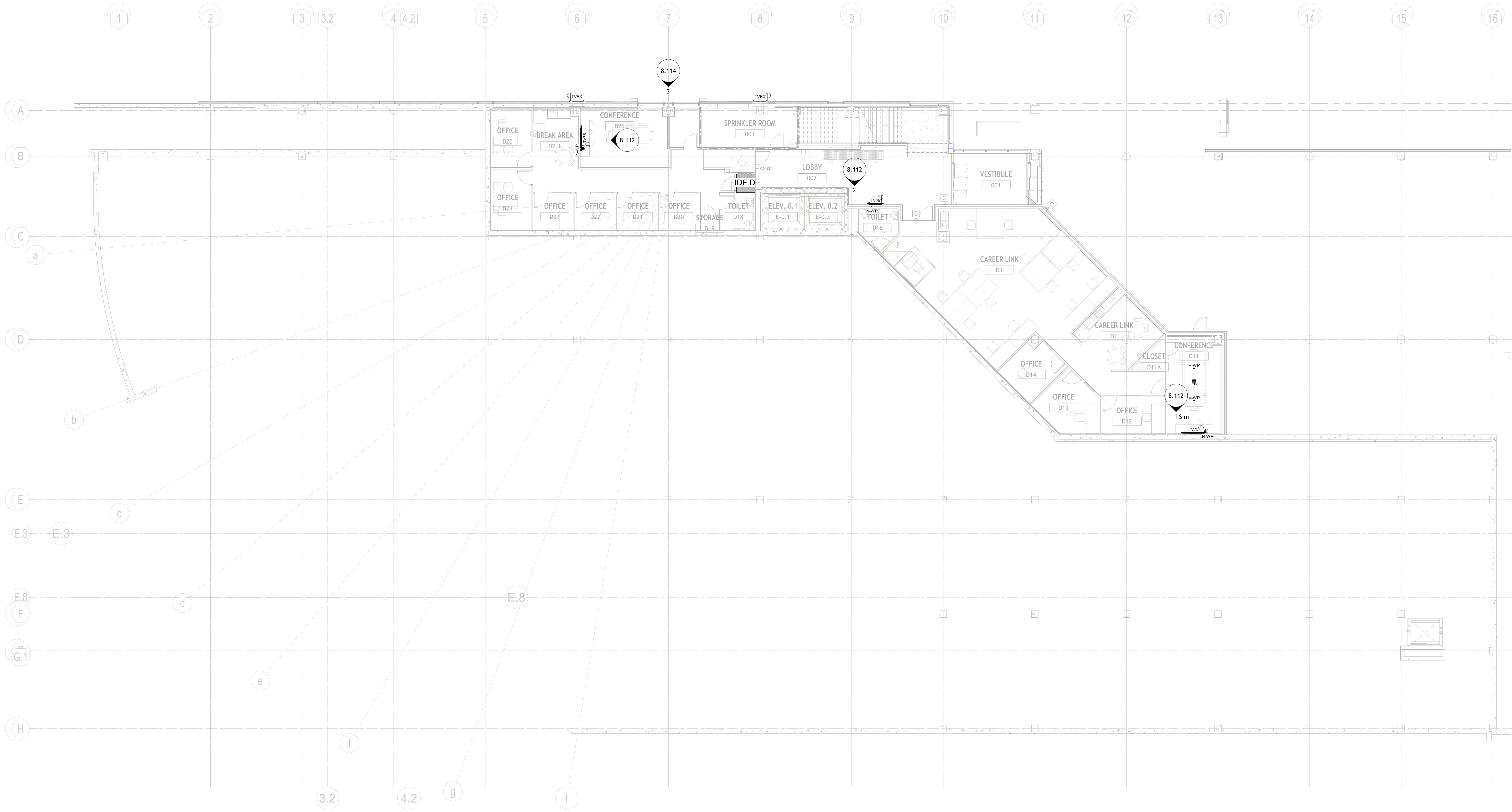


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ELECTRICAL INFO AND LEGENDS		NO.	DESCRIPTION	DATE
1	DEMO PACKAGE	07/03/24		
2	SCHEMATIC DESIGN	10/25/24		
3	DEMO PACKAGE PH 1	11/04/24		
4	DESIGN DEVELOPMENT	02/21/25		
5	AV COORDINATION	05/19/25		
6	ID & PERMIT	10/03/25		

AV
1.001



1 GROUND FLR AREA A - AV PLAN DEVICE LAYOUT
1" = 10'-0"

SYMBOL LEGEND

MULTI-SYSTEMS

- TS-7 7" TOUCHSCREEN
QSC TS5-TU-03
QTY: (7)
- AV RACK 1-4
EWR-16-17SD
QTY: (6)
- AV RACK 5
EWR-16-17SD
QTY: (1)
- AV RACK (SMALL)
MEYLE ATLANTIC DR-8
QTY: (1)
- IT RACK
PROVIDED BY OTHERS
QTY: (1)
- OUTLET DUPLEX
QTY: (35)
- OUTLET QUADPLEX
QTY: (16)

AUDIO

- S1 1/2" LAY-IN SPEAKER
QUAM SYSTEM 83
QTY: (52)
- S2 WALL MOUNTED SPEAKER (EXTERIOR)
QUAM SYSTEM 6VPS
QTY: (3)
- S3 6.5" 2-WAY INCEILING SPEAKER
QSC AC-07
QTY: (44)
- S4 WALL MOUNTED SPEAKER (INTERIOR)
QUAM SYSTEM 2
QTY: (2)
- S5 BEAM MOUNTED LOUDESPEAKER
QUAM B82
QTY: (2)
- CK-22 CEILING MICROPHONE
SHURE MXA200W-S
QTY: (5)
- ANT WIRELESS MIC ANTENNA
RY VERUE LANC
QTY: (7)

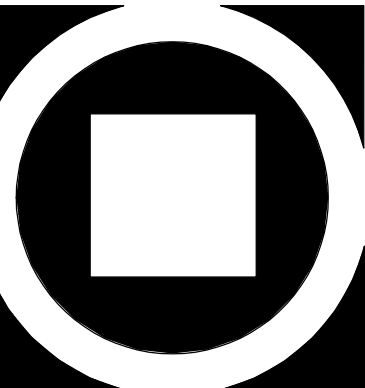
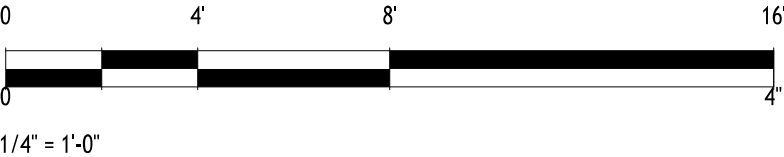
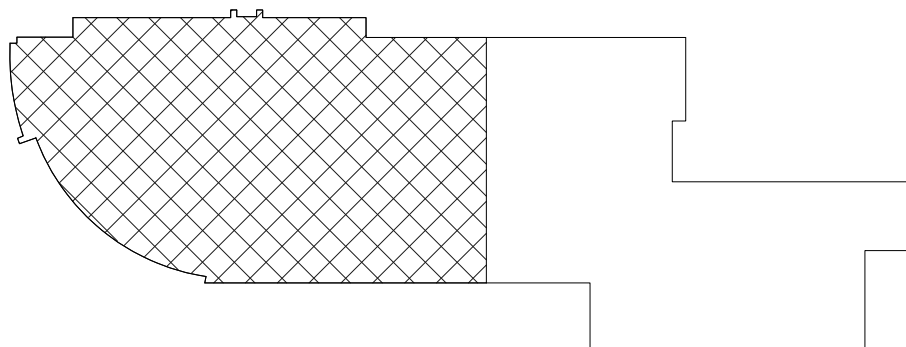
VIDEO

- CAM 1 CAMERA
QSC HC-1240
QTY: (5)
- CAM 2 CAMERA
HANNIYA TECHWIN QND-8011
QTY: (1)
- TVS6 86" TV
LG 86UR80CUD
QTY: (7)
- TVS5 75" TV
LG 75UR80CUD
QTY: (11)
- TVS0 50" TV
LG 50UR80CUD
QTY: (9)
- TV49 49" TOUCH SCREEN DISPLAY
Pioneer UP49-L1
QTY: (2)
- TV43 43" TV
LG 43UR80CUD
QTY: (5)
- TVS2 32" TV
LG 32UN80CUD
QTY: (9)
- TVEX EXTERIOR TV SCREEN
PERIMES-AV
QTY: (2)
- MOBILE TV MOBILE TV
CLEAR TOUCH 600K+
QTY: (2)
- VWP VIDEO WALL PLATE
E WALL PLATE
QTY: (21)
- VNWP VIDEO NETWORK WALL PLATE
N WALL PLATE
QTY: (7)
- NWP NETWORK WALL PLATE
E WALL PLATE
QTY: (19)
- FB FLOOR BOX
FSR FL-000 SERIES BOX
QTY: (8)
- CK-22 CLICK SHARE
QTY: (8)
- CLICK CLICK
QTY: (8)
- ENCODER QSC AV-HW-E
QTY: (6)
- DECODER QSC NV-21-HJ
QTY: (15)
- SENSE SENSOR
EATON 13516-6514
QTY: (1)

GENERAL NOTES

FOR TV MOUNTING DETAILS, SEE SHEETS AV 8.115.
CENTER SPEAKERS IN CEILING TILES TO AVOID BAFFLE
CONFLICTS.
FOR SPEAKER MOUNTING DETAILS, SEE SHEETS AV 8.116.
ALL S1 ARE TO BE DROPPED DOWN FROM CEILINGS.
ALL S1 & S3 ARE TO BE RECESSED INTO CEILING TILES.

KEY PLAN



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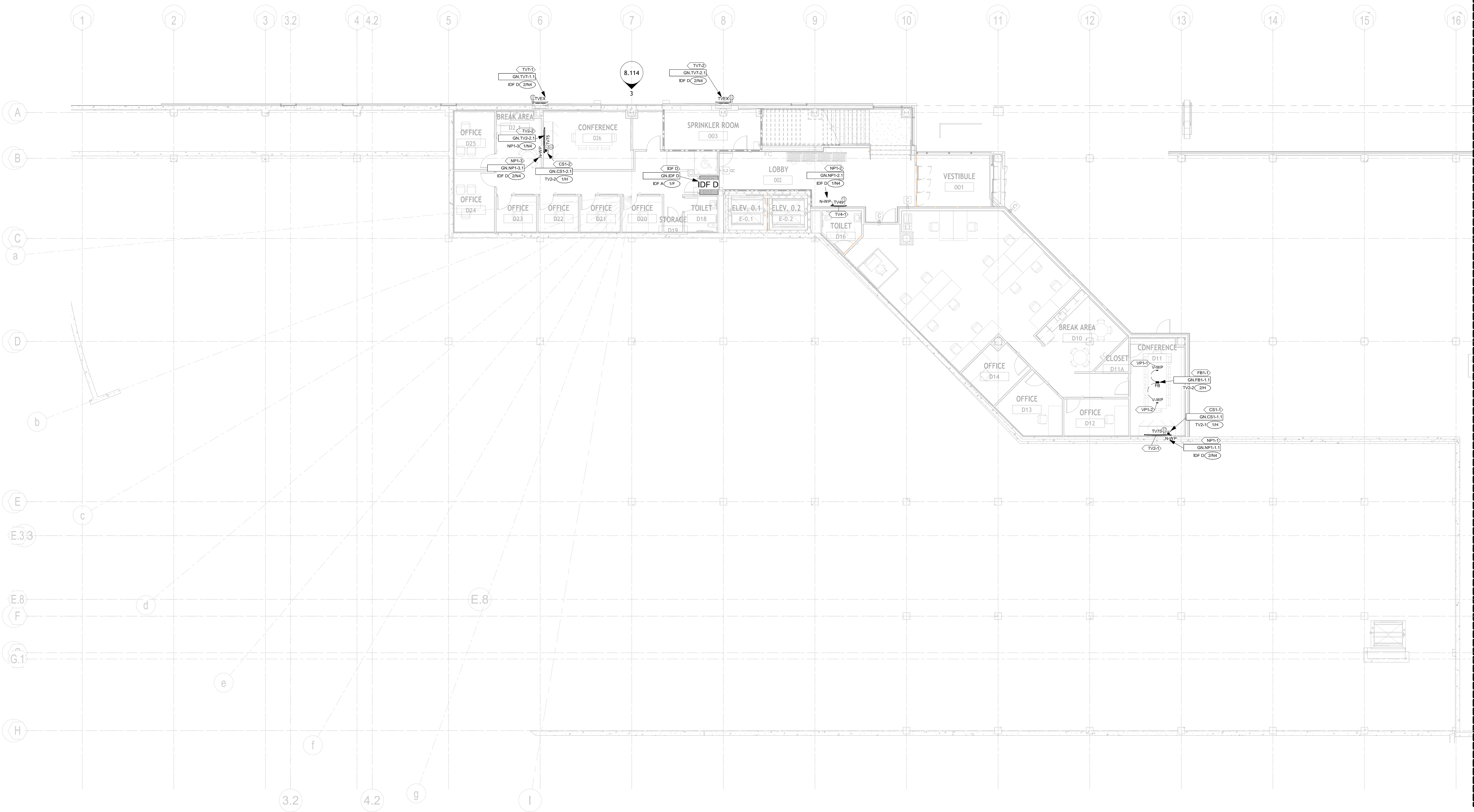
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NO.	DESCRIPTION	DATE
1	DEMO PACKAGE	07/03/24
2	SCHEMATIC DESIGN	10/25/24
3	DEMO PACKAGE PH 1	11/04/24
4	DESIGN DEVELOPMENT	02/21/25
5	AV COORDINATION	05/19/25
6	BID & PERMIT	10/03/25

**AV
1.111**



1 GROUND FLR AREA A - AV FLOOR PLAN LOW VOLTAGE
1" = 10'-0"

SYMBOL LEGEND

MULTI-SYSTEMS

- TS-7 7" TOUCHSCREEN
QSC TSX-TU-03
QTY: (7)
- AV RACK 1-4
EWR-16-1750
QTY: (4)
- AV RACK 5
EWR-16-1750
QTY: (1)
- IT RACK
QTY: (1)
- OUTLET DUPLEX
QTY: (35)
- OUTLET QUADPLEX
QTY: (16)

AUDIO

- S1 1/2 LAY-IN SPEAKER
QUAM SYSTEM 1
QTY: (52)
- S2 WALL MOUNTED SPEAKER (EXTERIOR)
QUAM SYSTEM 2
QTY: (3)
- S3 6.5" 2-WAY INCEILING SPEAKER
QSC AC-01
QTY: (44)
- S4 WALL MOUNTED SPEAKER (INTERIOR)
QUAM SYSTEM 2
QTY: (2)
- S5 BEAM MOUNTED LOUDSPEAKER
QUAM B82
QTY: (2)
- CK-22 CEILING MICROPHONE
SHURE KX200W-S
QTY: (5)
- ANT WIRELESS MIC ANTENNA
RE-VALUE LANC
QTY: (7)

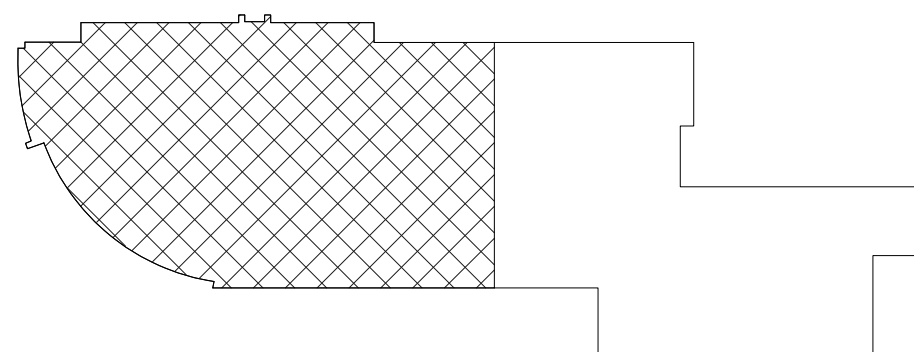
VIDEO

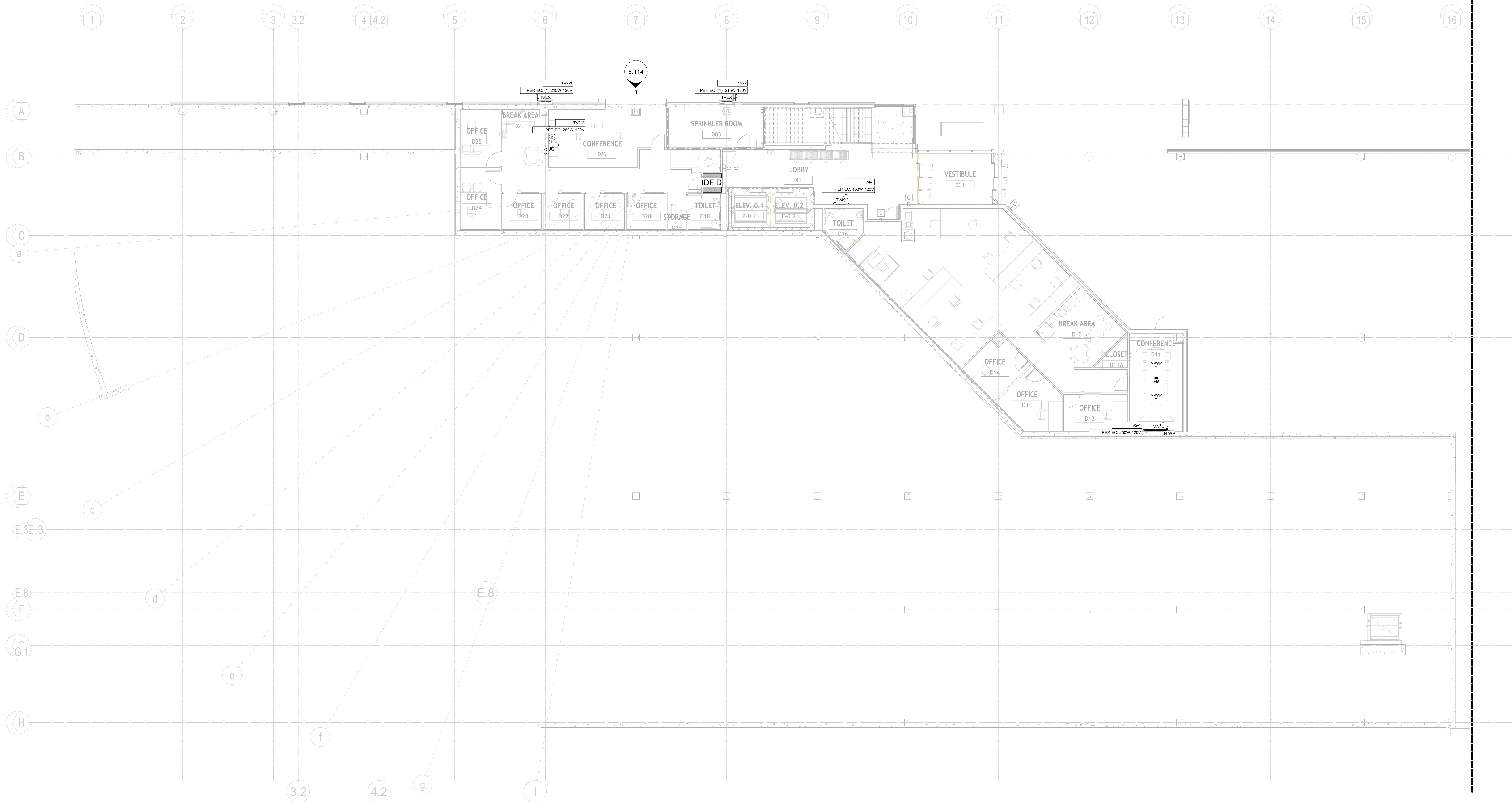
- CAM 1 CAMERA
QSC HC-240
QTY: (5)
- CAM 2 CAMERA
HANNYIA TECHWIN QND-8011
QTY: (1)
- TVS8 86" TV
LG 86UR80C9UD
QTY: (7)
- TVS5 75" TV
LG 75UR80C9UD
QTY: (1)
- TVS0 50" TV
LG 50UR80C9UD
QTY: (9)
- TV49 49" TOUCH SCREEN DISPLAY
Pioneer UP49-1
QTY: (2)
- TV43 43" TV
LG 43UR80C9UD
QTY: (5)
- TVS2 32" TV
LG 32UR80C9UD
QTY: (9)
- TVEX EXTERIOR TV SCREEN
HERMES-AV
QTY: (2)
- MOBILE TV MOBILE TV
CLEAR TOUCH 600K+
QTY: (2)
- VWP VIDEO WALL PLATE
E WALL PLATE
QTY: (2)
- VNWP VIDEO NETWORK WALL PLATE
E WALL PLATE
QTY: (7)
- NWP NETWORK WALL PLATE
E WALL PLATE
QTY: (19)
- FB FLOOR BOX
FSR FL-000 SERIES BOX
QTY: (8)
- CLICK SHARE CLICK SHARE
QTY: (8)
- CLICK CLICK
QTY: (8)
- ENCODER ENCODER
QSC NV-21-HU
QTY: (1)
- DECODER DECODER
QSC NV-21-HU
QTY: (1)
- SEN SENSOR
EATON 13516-6514
QTY: (1)

GENERAL NOTES

FOR TV MOUNTING DETAILS, SEE SHEETS AV 8.115.
CENTER SPEAKERS IN CEILING TILES TO AVOID BAFFLE
CONFLICTS.
FOR SPEAKER MOUNTING DETAILS, SEE SHEETS AV 8.116.
ALL SS ARE TO BE DROPPED DOWN FROM CEILINGS.
ALL S1 & S3 ARE TO BE RECESSED INTO CEILING TILES.

KEY PLAN





1 GROUND FLR AREA A - AV FLOOR PLAN LINE VOLTAGE
1" = 10'-0"

SYMBOL LEGEND

MULTI-SYSTEMS

- TS-7 7" TOUCHSCREEN
QSC TS-7U-03
QTY: (7)
- AV RACK 1-4
EVR-16-1750
QTY: (6)
- AV RACK 5
EVR-16-1750
QTY: (1)
- IT RACK
PROVIDED BY OTHERS
QTY: (1)
- OUTLET DUPLEX
QTY: (35)
- OUTLET QUADPLEX
QTY: (16)

AUDIO

- S1 152 LAY-IN SPEAKER
QUAM SYSTEM 6/VS
QTY: (52)
- S2 WALL MOUNTED SPEAKER (EXTERIOR)
QUAM SYSTEM 6/VS
QTY: (3)
- S3 6.5" 2-WAY IN-CEILING SPEAKER
QSC AC-CR
QTY: (44)
- S4 WALL MOUNTED SPEAKER (INTERIOR)
QUAM SYSTEM 2
QTY: (2)
- S5 BEAM MOUNTED LOUPEAKER
QUAM 8B2
QTY: (2)
- CK-22 CEILING MICROPHONE
SHURE KX220W-S
QTY: (5)
- ANT WIRELESS MIC ANTENNA
RT-VALUE-6-ARC
QTY: (7)

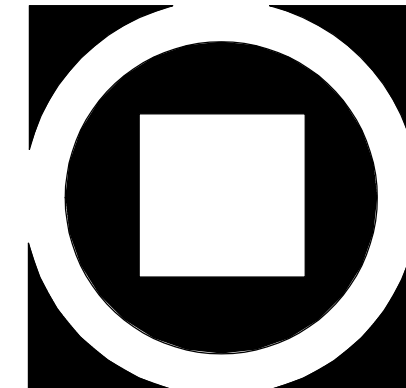
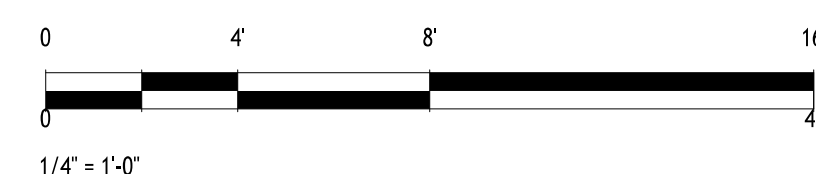
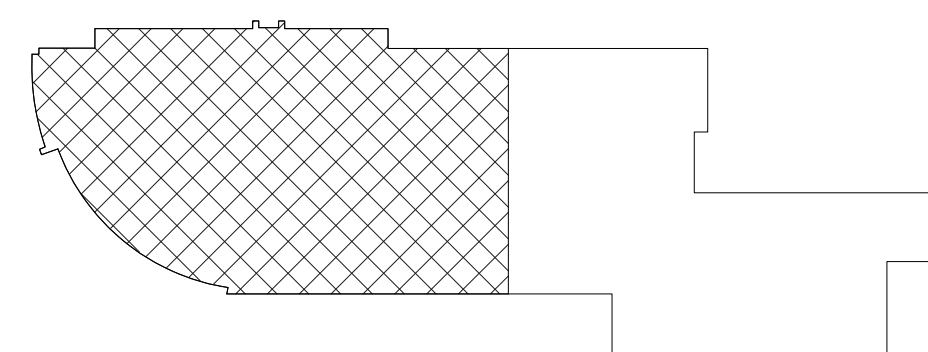
VIDEO

- CAM 1 CAMERA
QSC HC-1240
QTY: (5)
- CAM 2 CAMERA
HANNIYA TECHWIN QND-8011
QTY: (1)
- TV58 86" TV
LG 86UR3AC9UD
QTY: (7)
- TV75 75" TV
LG 75UR3AC9UD
QTY: (11)
- TV90 90" TV
LG 90UR3AC9UD
QTY: (9)
- TV49 49" TOUCH SCREEN DISPLAY
Pioneer UPD49-1
QTY: (2)
- TV43 43" TV
LG 43UR3AC9UD
QTY: (5)
- TV32 32" TV
LG 32UN3AC9UD
QTY: (9)
- TVEX EXTERIOR TV SCREEN
HERMES-AV
QTY: (2)
- MOBILE TV MOBILE TV
CLEAR TOUCH 600K+
QTY: (2)
- V-WP VIDEO WALL PLATE
F WALL PLATE
QTY: (21)
- VW-WP VIDEO NETWORK WALL PLATE
F WALL PLATE
QTY: (7)
- N-WP NETWORK WALL PLATE
F WALL PLATE
QTY: (19)
- FB FLOOR BOX
FSR FLOOR SERIES BOX
QTY: (6)
- CK-22 CLICK SHARE
QTY: (6)
- ENCODER QSC AV-HW-E
QTY: (6)
- DECODER QSC RV-21-HJ
QTY: (15)
- SENSOR EATON 13516-6514
QTY: (1)

GENERAL NOTES

FOR TV MOUNTING DETAILS: SEE SHEETS AV 8.115.
CENTER SPEAKERS IN CEILING TILES TO AVOID BAFFLE
CONFLICTS.
FOR SPEAKER MOUNTING DETAILS: SEE SHEETS AV 8.116.
ALL S5 ARE TO BE DROPPED DOWN FROM CEILINGS.
ALL S1 & S3 ARE TO BE RECESSED INTO CEILING TILES.

KEY PLAN



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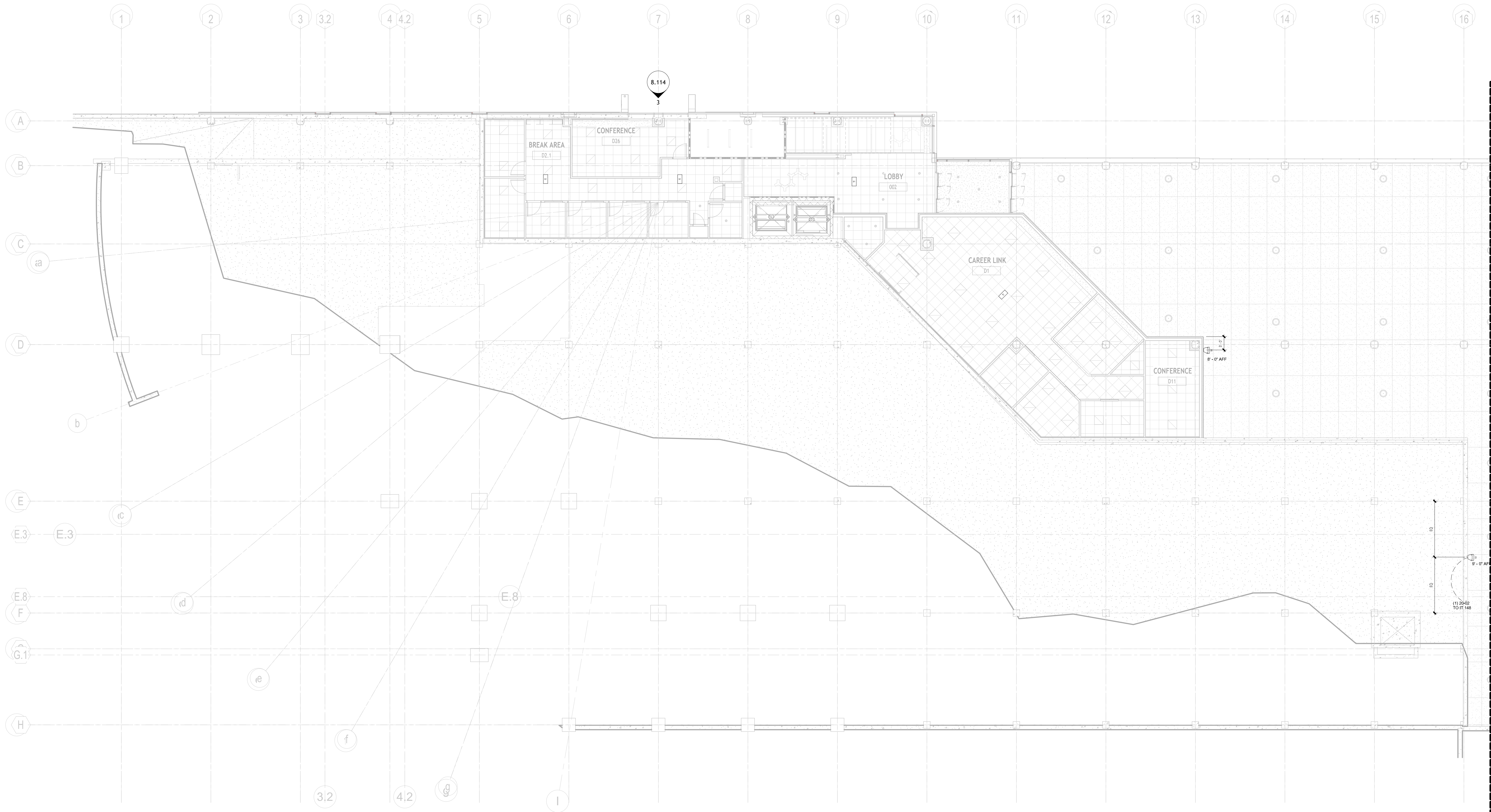
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LINE VOLTAGE PLAN - GROUND AREA A			
	NO.	DESCRIPTION	DATE
	1	DEMO PACKAGE	07/03/24
	2	SCHEMATIC DESIGN	10/25/24
	3	DEMO PACKAGE PH 1	11/04/24
	4	DESIGN DEVELOPMENT	02/21/25
	5	AV COORDINATION	05/19/25
	6	BID & PERMIT	10/03/25

**AV
1.113**



1 GROUND FLR AREA A - AV RCP DEVICE LAYOUT
1" = 10'-0"

SYMBOL LEGEND

MULTI-SYSTEMS

- TS-7 7" TOUCHSCREEN
QSC TS5-TU-63
QTY: (7)
- AV RACK 1-4
EWR-16-178D
QTY: (4)
- AV RACK 5
EWR-16-178D
QTY: (1)
- IT RACK
PROVIDED BY OTHERS
QTY: (1)
- OUTLET DUPLEX
QTY: (35)
- OUTLET QUADPLEX
QTY: (16)

AUDIO

- S1 152 LAY-IN SPEAKER
QUAM SYSTEM 6/PS
QTY: (52)
- S2 WALL MOUNTED SPEAKER (EXTERIOR)
QUAM SYSTEM 6/PS
QTY: (2)
- S3 6.5" 2-WAY IN-CEILING SPEAKER
QSC AC-COR
QTY: (44)
- S4 WALL MOUNTED SPEAKER (INTERIOR)
QUAM SYSTEM 2
QTY: (2)
- S5 BEAM MOUNTED LOUDSPEAKER
QUAM B82
QTY: (2)
- CK-22 CEILING MICROPHONE
SHURE MXA20W-S
QTY: (5)
- ANT WIRELESS MIC ANTENNA
RT VALUE CLARK
QTY: (7)

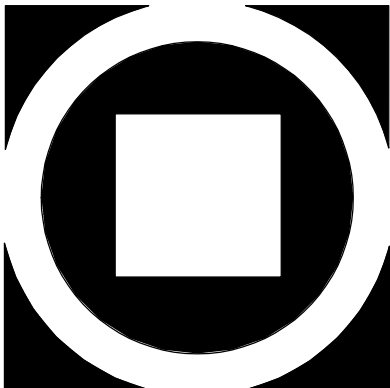
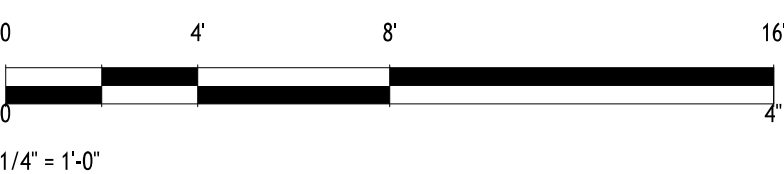
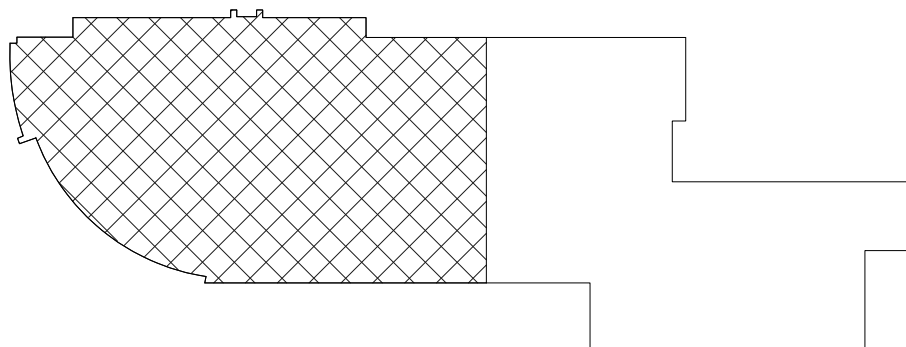
VIDEO

- CAM 1 CAMERA
QSC NC-2480
QTY: (5)
- CAM 2 CAMERA
TECHN QND-8011
QTY: (1)
- TV88 88" TV
LG 88UR80CUD
QTY: (7)
- TV75 75" TV
LG 75UR80CUD
QTY: (11)
- TV60 60" TV
LG 60UR80CUD
QTY: (9)
- TV49 49" TOUCH SCREEN DISPLAY
Pioneer UP49-1
QTY: (2)
- TV43 43" TV
LG 43UR80CUD
QTY: (5)
- TV32 32" TV
LG 32UR80CUD
QTY: (9)
- TVEX EXTERIOR TV SCREEN
HERMES-AV
QTY: (2)
- MOBILE TV MOBILE TV
CLEAR TOUCH 600K+
QTY: (2)
- VWP VIDEO WALL PLATE
E WALL PLATE
QTY: (21)
- VNWP VIDEO NETWORK WALL PLATE
E WALL PLATE
QTY: (7)
- NWP NETWORK WALL PLATE
E WALL PLATE
QTY: (19)
- FB FLOOR BOX
FSR FL-200 SERIES BOX
QTY: (6)
- CLICK CLICK SHARE
CK-20
QTY: (6)
- ENCODER ENC-AN-HWE
QTY: (6)
- DECODER DEC-NV-21-HJ
QTY: (15)
- SEN SENSOR
EATON 1351E-6514
QTY: (1)

GENERAL NOTES

FOR TV MOUNTING DETAILS, SEE SHEETS AV 8.115.
CENTER SPEAKERS IN CEILING TILES TO AVOID BAFFLE
CONFLICTS.
FOR SPEAKER MOUNTING DETAILS, SEE SHEETS AV 8.116.
ALL S1 ARE TO BE DROPPED DOWN FROM CEILINGS.
ALL S1 & S3 ARE TO BE RECESSED INTO CEILING TILES.

KEY PLAN



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Architecture + Site
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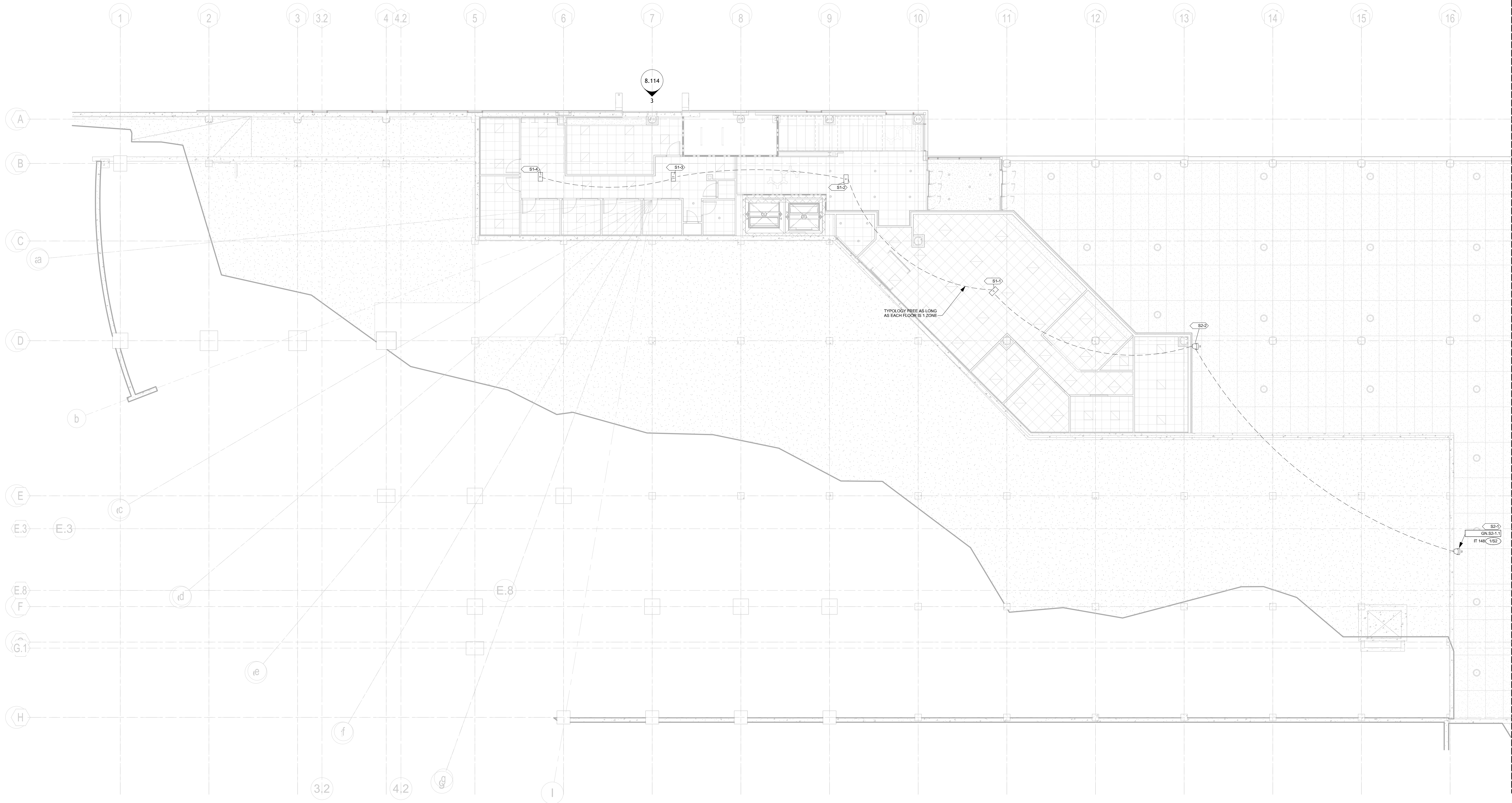
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NO.	DESCRIPTION	DATE
1	DEMO PACKAGE	07/03/24
2	SCHEMATIC DESIGN	10/25/24
3	DEMO PACKAGE PH 1	11/04/24
4	DESIGN DEVELOPMENT	02/21/25
5	AV COORDINATION	05/19/25
6	BID & PERMIT	10/03/25

**AV
1.115**



1 GROUND FLR AREA A - AV RCP LOW VOLTAGE
1" = 10'-0"

SYMBOL LEGEND

MULTI-SYSTEMS

- TS-7 7" TOUCHSCREEN QSC TS-7U-G3 QTY: (7)
- AV RACK 1-4 EWR-16-17SD QTY: (4)
- AV RACK 5 EWR-16-17SD QTY: (1)
- AV RACK (SMALL) MIDDLE ATLANTIC DR-8 QTY: (1)
- IT RACK PROVIDED BY OTHERS QTY: (1)
- OUTLET DUPLEX QTY: (35)
- OUTLET QUADPLEX QTY: (16)

AUDIO

- S1 152 LAY-IN SPEAKER QUAM SYSTEM 6/VS QTY: (32)
- S2 WALL MOUNTED SPEAKER (EXTERIOR) QUAM SYSTEM 6/VS QTY: (3)
- S3 6.5" 2-WAY IN-CEILING SPEAKER QSC AC-07 QTY: (44)
- S4 WALL MOUNTED SPEAKER (INTERIOR) QUAM SYSTEM 2 QTY: (2)
- S5 BEAM MOUNTED LOUSPEAKER QUAM B82 QTY: (2)
- CK-22 CEILING MICROPHONE SHURE MXA20W-S QTY: (5)
- ANT WIRELESS MIC ANTENNA RT VALUE CLARK QTY: (7)

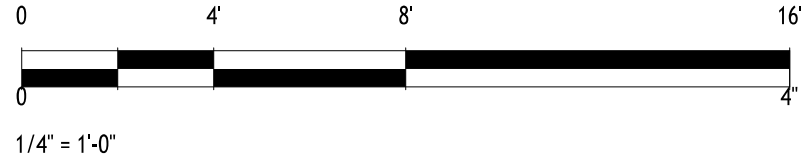
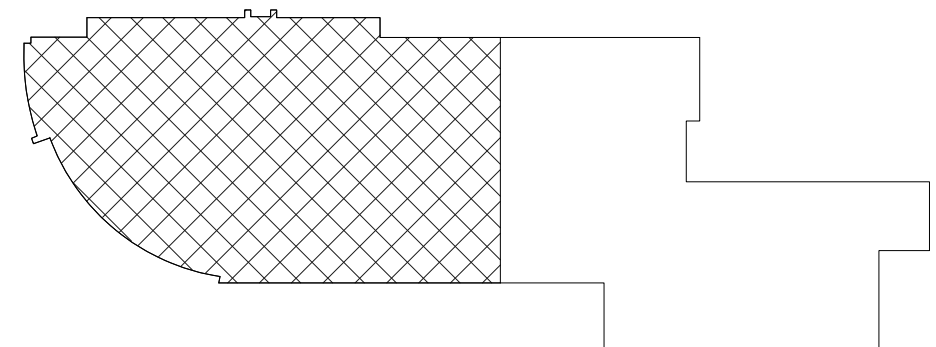
VIDEO

- CAM 1 CAMERA QSC HC-240 QTY: (5)
- CAM 2 CAMERA HANNAH TECHWIN QND-8011 QTY: (1)
- TV86 86" TV LG 86UR40C9UD QTY: (7)
- TV75 75" TV LG 75UR40C9UD QTY: (11)
- TV90 90" TV LG 90UR40C9UD QTY: (9)
- TV49 49" TOUCH SCREEN DISPLAY Pimax UP49-1 QTY: (2)
- TV43 43" TV LG 43UR40C9UD QTY: (5)
- TV32 32" TV LG 32UR40C9UD QTY: (6)
- TVEX EXTERIOR TV SCREEN PERIMETER-AV QTY: (2)
- MOBILE TV MOBILE TV CLEAR TOUCH 600K+ QTY: (2)
- VWP VIDEO WALL PLATE E WALL PLATE QTY: (21)
- VNWP VIDEO NETWORK WALL PLATE E WALL PLATE QTY: (7)
- NWP NETWORK WALL PLATE E WALL PLATE QTY: (19)
- FB FLOOR BOX FOR FLOOR SERIES BOX QTY: (6)
- CLICK SHARE CLICK SHARE QTY: (6)
- ENCODER QSC AV-HW-E QTY: (6)
- DECODER QSC RV-21-HJ QTY: (13)
- SENSOR EATON 1351E-6514 QTY: (1)

GENERAL NOTES

FOR TV MOUNTING DETAILS, SEE SHEETS AV 8.115.
CENTER SPEAKERS IN CEILING TILES TO AVOID BAFFLE CONFLICTS.
FOR SPEAKER MOUNTING DETAILS, SEE SHEETS AV 8.116.
ALL S1 ARE TO BE DROPPED DOWN FROM CEILINGS.
ALL S1 & S3 ARE TO BE RECESSED INTO CEILING TILES.

KEY PLAN



KIMMEL BOGRETTE
Architecture + Site
482 Norristown Rd., Suite 200
Blue Bell, PA 19322
Phone: 610.634.7865
Fax: 610.634.7815
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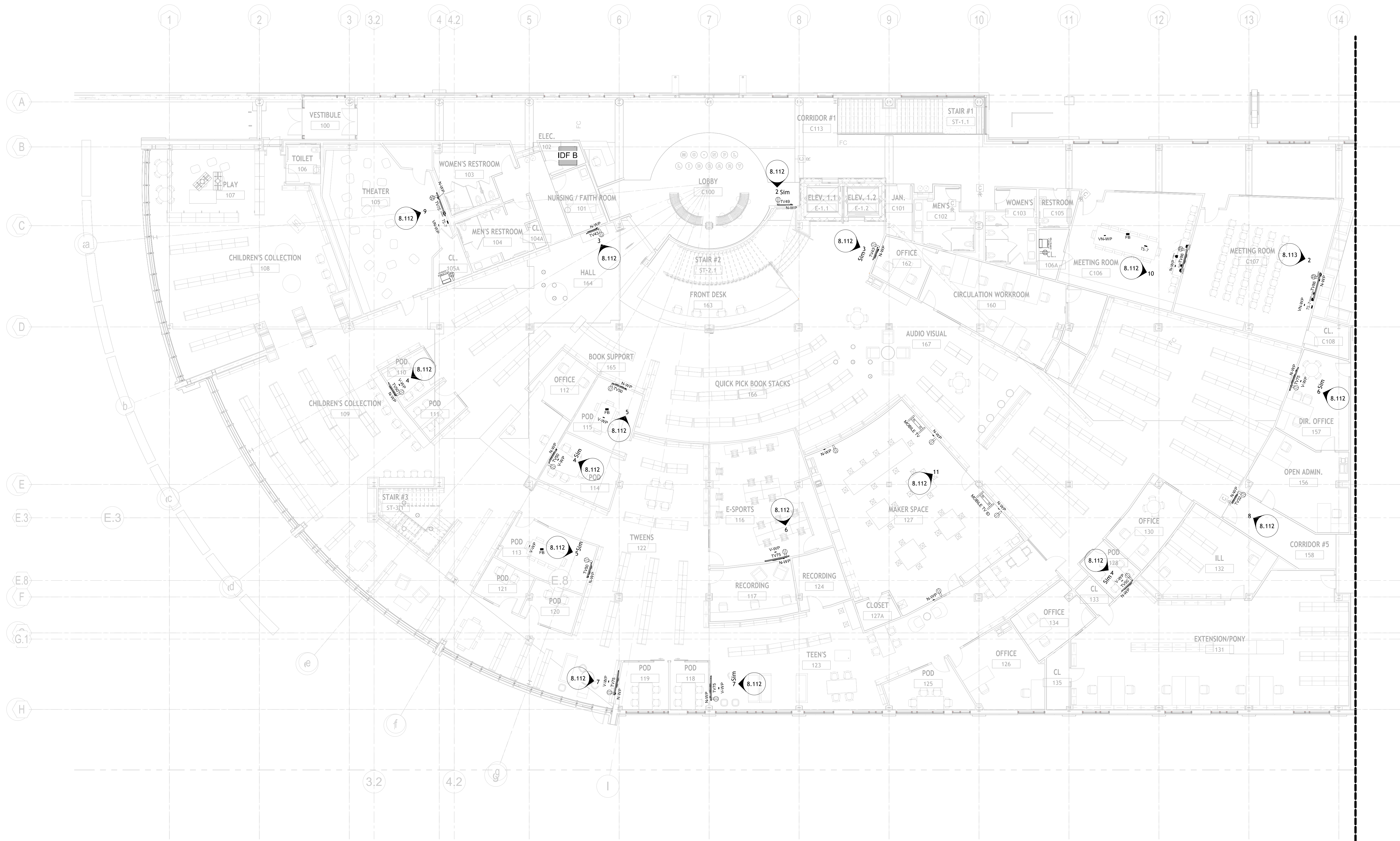
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LOW VOLTAGE RCP - GROUND FLR AREA A

NO.	DESCRIPTION	DATE
1	DEMO PACKAGE	07/03/24
2	SCHEMATIC DESIGN	10/25/24
3	DEMO PACKAGE PH 1	11/04/24
4	DESIGN DEVELOPMENT	02/21/25
5	AV COORDINATION	05/19/25
6	BID & PERMIT	10/03/25

**AV
1.116**



1 FIRST FLR AREA A - AV PLAN DEVICE LAYOUT
1" = 10'-0"

SYMBOL LEGEND

MULTI-SYSTEMS

- TS-7 7" TOUCHSCREEN
QSC TS-7U-03
QTY: (7)
- AV RACK 1-4
EVR-16-17B0
QTY: (4)
- AV RACK 5
EVR-16-17B0
QTY: (1)
- IT RACK
QTY: (1)
- OUTLET DUPLEX
QTY: (35)
- OUTLET QUADPLEX
QTY: (16)

AUDIO

- S1 152 LAY-IN SPEAKER
QUAM SYSTEM 2
QTY: (52)
- S2 WALL MOUNTED SPEAKER (EXTERIOR)
QUAM SYSTEM 6 VPS
QTY: (2)
- S3 6.5" 2-WAY IN-CEILING SPEAKER
QSC AC-01
QTY: (44)
- S4 WALL MOUNTED SPEAKER (INTERIOR)
QUAM SYSTEM 2
QTY: (2)
- S5 BEAM MOUNTED LOUVER SPEAKER
QUAM B2
QTY: (2)
- CK-22 CEILING MICROPHONE
SHURE MXA200W-S
QTY: (5)
- ANT WIRELESS MIC ANTENNA
RT VALUE CLARK
QTY: (7)

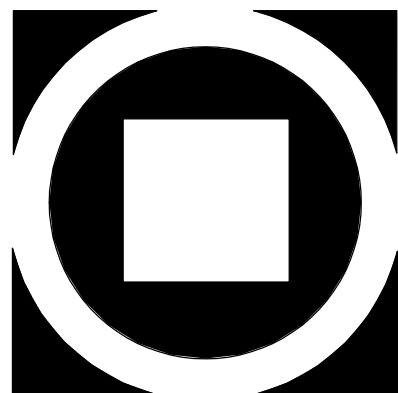
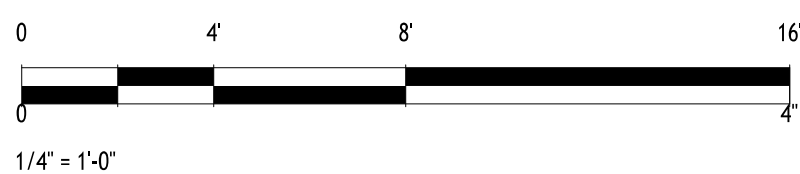
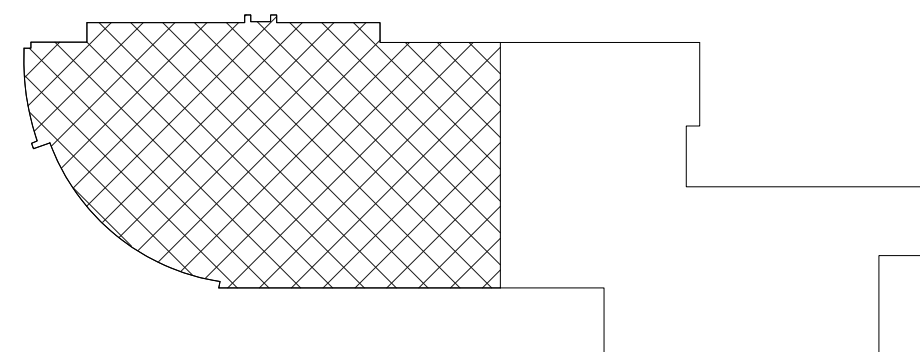
VIDEO

- CAM 1 CAMERA
QSC HC-240
QTY: (5)
- CAM 2 CAMERA
HANNIA TECHWIN QND-8011
QTY: (1)
- TV58 86" TV
LG 86UR3AC9D
QTY: (7)
- TV75 75" TV
LG 75UR3AC9D
QTY: (11)
- TV80 80" TV
LG 80UR3AC9D
QTY: (9)
- TV49 49" TOUCH SCREEN DISPLAY
Pioneer UPR49-1
QTY: (1)
- TV43 43" TV
LG 43UR3AC9D
QTY: (5)
- TV32 32" TV
LG 32UR3AC9D
QTY: (6)
- TVEX EXTERIOR TV SCREEN
HERNIM-AY
QTY: (2)
- MOBILE TV MOBILE TV
CLEAR TOUCH 600K+
QTY: (2)
- VWMP VIDEO WALL PLATE
E WALL PLATE
QTY: (21)
- VNWMP VIDEO NETWORK WALL PLATE
E WALL PLATE
QTY: (7)
- NWMP NETWORK WALL PLATE
E WALL PLATE
QTY: (19)
- FB FLOOR BOX
FSR FLOOR SERIES BOX
QTY: (6)
- CLICK SHARE
QTY: (6)
- ENCODER
QSC AV-HW-E
QTY: (6)
- DECODER
QSC RV-21-HJ
QTY: (15)
- SENSOR
EATON 13516-6514
QTY: (1)

GENERAL NOTES

FOR TV MOUNTING DETAILS: SEE SHEETS AV 8.115.
CENTER SPEAKERS IN CEILING TILES TO AVOID BAFFLE
CONFLICTS.
FOR SPEAKER MOUNTING DETAILS: SEE SHEETS AV 8.116.
ALL SS ARE TO BE DROPPED DOWN FROM CEILINGS.
ALL B1 & B3 ARE TO BE RECESSED INTO CEILING TILES.

KEY PLAN



KIMMEL BOGRETTE
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Blue Bell PA 19322
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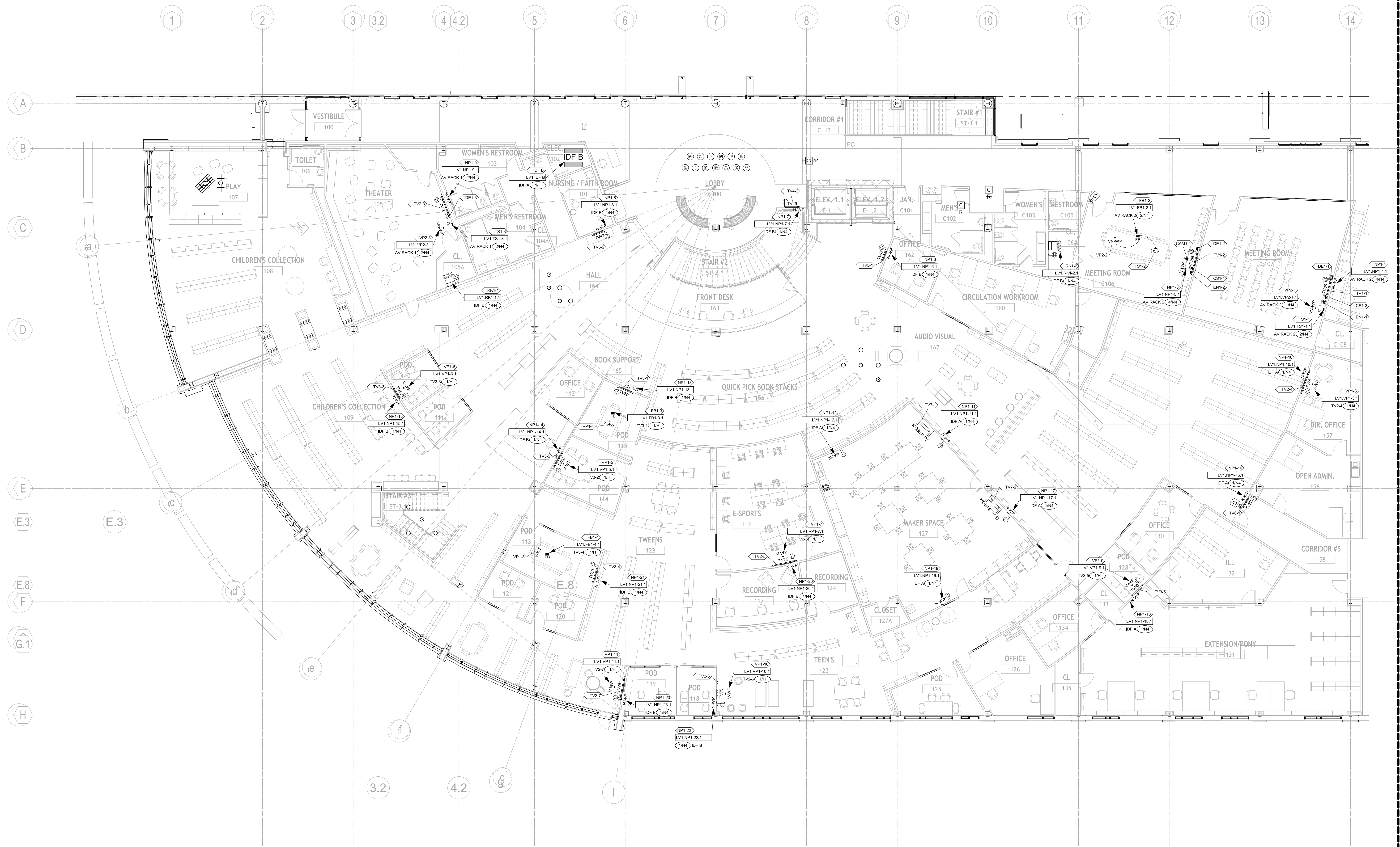
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NO.	DESCRIPTION	DATE
1	DEMO PACKAGE	07/03/24
2	SCHEMATIC DESIGN	10/25/24
3	DEMO PACKAGE PH 1	11/04/24
4	DESIGN DEVELOPMENT	02/21/25
5	AV COORDINATION	05/19/25
6	BID & PERMIT	10/03/25

**AV
1.121**



1 FIRST FLR AREA A - AV FLOOR PLAN LOW VOLTAGE
1" = 10'-0"

SYMBOL LEGEND

MULTI-SYSTEMS

- TS-7 7" TOUCHSCREEN QSC TS-70-03 QTY: (7)
- AV RACK 1-4 EWR-16-17B0 AV RACK 1-4 EWR-16-17B0 QTY: (4)
- AV RACK 5 EWR-16-17B0 AV RACK 5 EWR-16-17B0 QTY: (1)
- IT RACK IT RACK PROVIDED BY OTHERS QTY: (1)
- OUTLET DUPLEX QTY: (35)
- OUTLET QUADPLEX QTY: (16)

AUDIO

- S1 152 LAY-IN SPEAKER QUAM SYSTEM BY OPS QTY: (52)
- S2 WALL MOUNTED SPEAKER (EXTERIOR) QUAM SYSTEM BY OPS QTY: (5)
- S3 6.5" 2-WAY INCEILING SPEAKER QSC AG-01 QTY: (44)
- S4 WALL MOUNTED SPEAKER (INTERIOR) QUAM SYSTEM 2 QTY: (5)
- S5 BEAM MOUNTED LOUFSPEAKER QUAM B82 QTY: (2)
- CK-22 CEILING MICROPHONE SHURE KX420W-S QTY: (5)
- ANT WIRELESS MIC ANTENNA RE-VALUE CABLE QTY: (7)

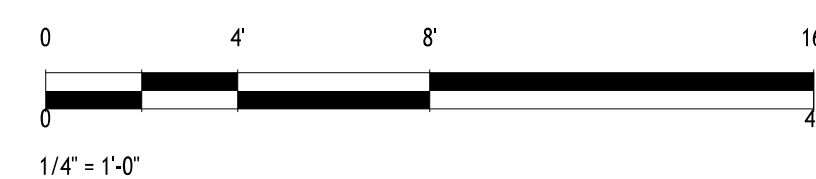
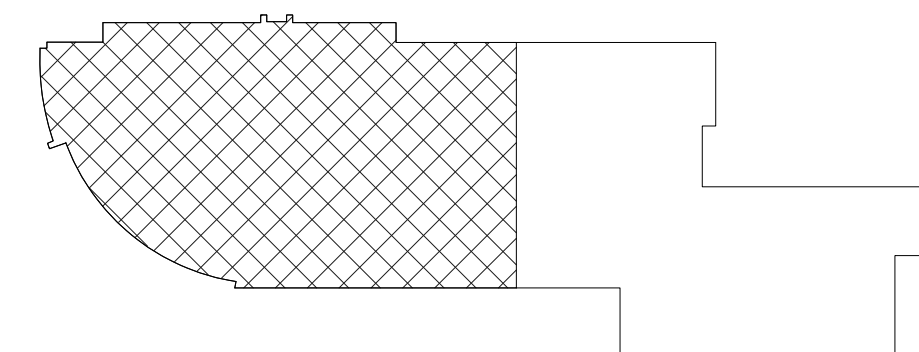
VIDEO

- CAM 1 CAMERA QSC HC-240 QTY: (5)
- CAM 2 CAMERA HANNA TECHWIN QND-8011 QTY: (1)
- TV58 86" TV LG 86UR3AC9D QTY: (7)
- TV75 75" TV LG 75UR3AC9D QTY: (11)
- TV80 80" TV LG 80UR3AC9D QTY: (9)
- TV49 49" TOUCH SCREEN DISPLAY PIONEER UPD-41 QTY: (1)
- TV43 43" TV LG 43UR3AC9D QTY: (5)
- TV32 32" TV LG 32UR3AC9D QTY: (9)
- TVEX EXTERIOR TV SCREEN PIONEER-AV QTY: (2)
- MOBILE TV MOBILE TV CLEAR TOUCH 600K+ QTY: (2)
- VWVP VIDEO WALL PLATE E-WALL PLATE QTY: (21)
- VWVP VIDEO NETWORK WALL PLATE E-WALL PLATE QTY: (7)
- NWVP NETWORK WALL PLATE E-WALL PLATE QTY: (19)
- FB FLOOR BOX FSR FL-008 SERIES BOX QTY: (8)
- CLICK SHARE CLICK SHARE QTY: (8)
- ENCODER QSC AV-100 QTY: (6)
- DECODER QSC RV-21-HJ QTY: (15)
- SENSOR EATON 15516-6514 QTY: (1)

GENERAL NOTES

FOR TV MOUNTING DETAILS, SEE SHEETS AV 8.115.
CENTER SPEAKERS IN CEILING TILES TO AVOID BAFFLE CONFLICTS.
FOR SPEAKER MOUNTING DETAILS, SEE SHEETS AV 8.116.
ALL SS ARE TO BE DROPPED DOWN FROM CEILINGS.
ALL S1 & S3 ARE TO BE RECESSED INTO CEILING TILES.

KEY PLAN



LOW VOLTAGE PLAN - 1ST FLR AREA A

NO.	DESCRIPTION	DATE
1	DEMO PACKAGE	07/03/24
2	SCHEMATIC DESIGN	10/25/24
3	DEMO PACKAGE PH 1	11/04/24
4	DESIGN DEVELOPMENT	02/21/25
5	AV COORDINATION	05/19/25
6	BID & PERMIT	10/03/25

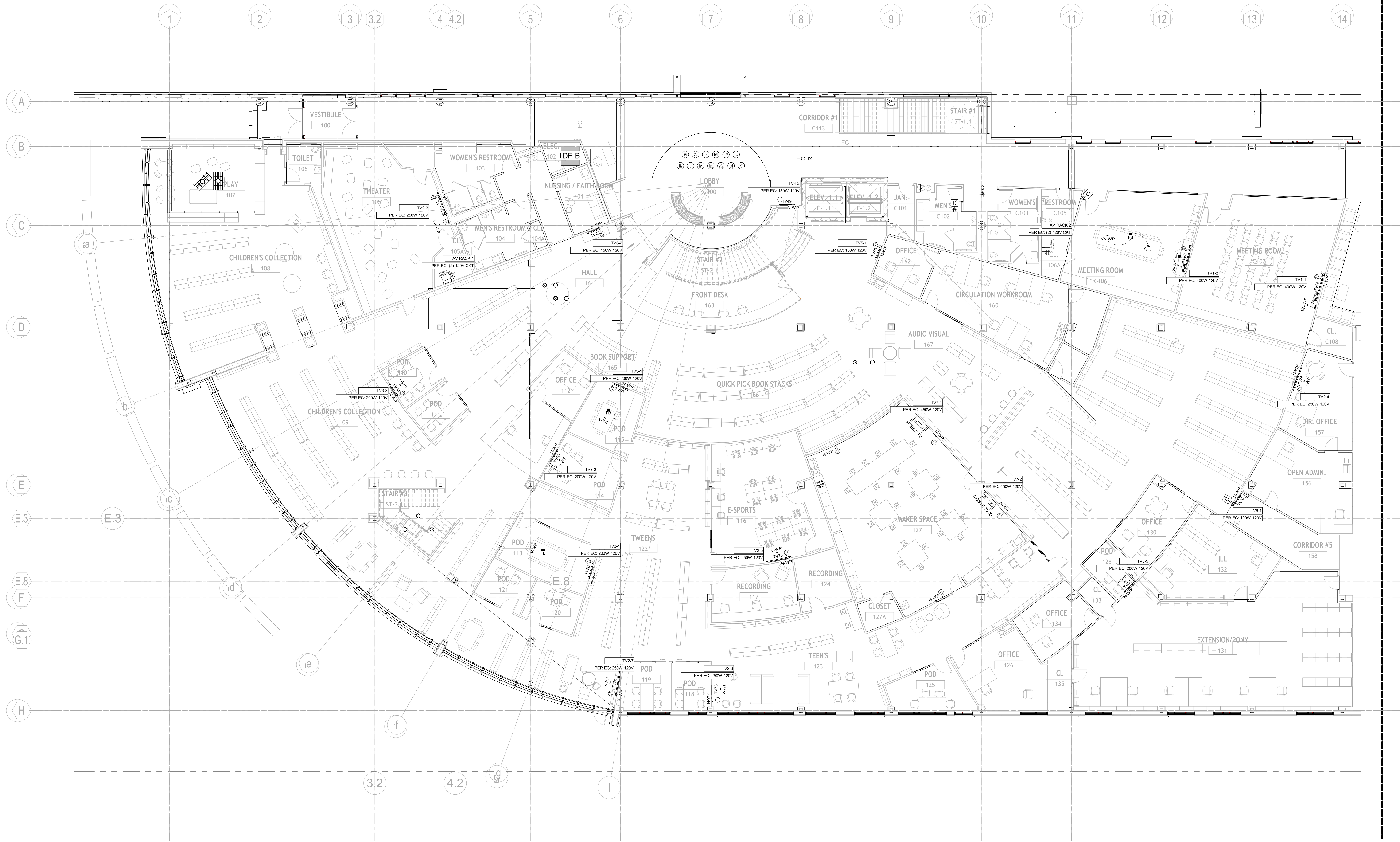
AV
1.122

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1 FIRST FLR AREA A - AV FLOOR PLAN LINE VOLTAGE
1" = 10'-0"

SYMBOL LEGEND

MULTI-SYSTEMS

- TS-7 T-TOUCHSCREEN
QSC TS-7U-03
QTY: (7)
- AV RACK 1-4
EWA-16-1780
QTY: (4)
- AV RACK 5
EWA-16-1780
QTY: (1)
- IT RACK
PROVIDED BY OTHERS
QTY: (1)
- OUTLET DUPLEX
QTY: (35)
- OUTLET QUADPLEX
QTY: (16)

AUDIO

- S1 150 LAY-IN SPEAKER
QUAM SYSTEM 2
QTY: (52)
- S2 WALL MOUNTED SPEAKER (EXTERIOR)
QUAM SYSTEM 6/UPS
QTY: (3)
- S3 6.5" 2-WAY INCEILING SPEAKER
QSC AC-01
QTY: (44)
- S4 WALL MOUNTED SPEAKER (INTERIOR)
QUAM SYSTEM 2
QTY: (2)
- S5 BEAM MOUNTED LOUPEAKER
QUAM B82
QTY: (19)
- CK-22 CEILING MICROPHONE
SHURE MXA20W-S
QTY: (5)
- ANT WIRELESS MIC ANTENNA
RE-VALUE 5-ARC
QTY: (7)

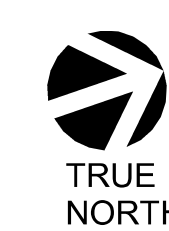
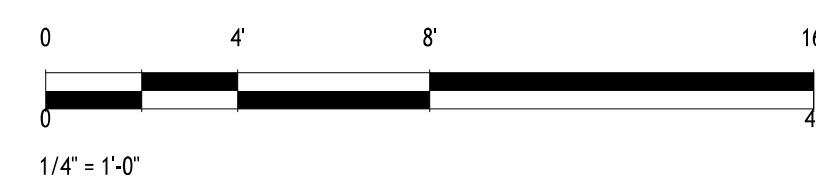
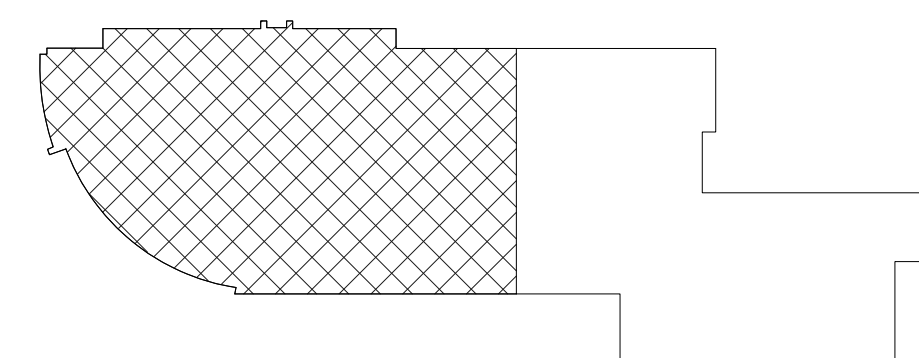
VIDEO

- CAM 1 CAMERA
QSC HC-240
QTY: (5)
- CAM 2 CAMERA
HANNYA TECHWIN QND-8011
QTY: (1)
- TV58 86" TV
LG 86UR3C9D
QTY: (7)
- TV75 75" TV
LG 75UR3C9D
QTY: (11)
- TV50 50" TV
LG 50UR3C9D
QTY: (9)
- TV49 49" TOUCH SCREEN DISPLAY
Pioneer UP49-1
QTY: (1)
- TV43 43" TV
LG 43UR3C9D
QTY: (5)
- TV32 32" TV
LG 32UR3C9D
QTY: (9)
- TVEX EXTERIOR TV SCREEN
HERMES-AV
QTY: (2)
- MOBILE TV MOBILE TV
CLEAR TOUCH 600K+
QTY: (2)
- V-WP VIDEO WALL PLATE
E WALL PLATE
QTY: (21)
- V-WWP VIDEO NETWORK WALL PLATE
E WALL PLATE
QTY: (7)
- N-WP NETWORK WALL PLATE
E WALL PLATE
QTY: (19)
- FB FLOOR BOX
FSR FL-000 SERIES BOX
QTY: (6)
- CLICK SHARE CLICK SHARE
QTY: (6)
- CK-22 CLICK SHARE
QTY: (6)
- CK-22 CLICK SHARE
QTY: (6)
- ENCODER QSC AV-HW-E
QTY: (6)
- DECODER QSC RV-21-HJ
QTY: (15)
- SENSOR EATON 13516-6514
QTY: (1)

GENERAL NOTES

FOR TV MOUNTING DETAILS: SEE SHEETS AV 8.115.
CENTER SPEAKERS IN CEILING TILES TO AVOID BAFFLE
CONFLICTS.
FOR SPEAKER MOUNTING DETAILS, SEE SHEETS AV 8.116.
ALL SS ARE TO BE DROPPED DOWN FROM CEILINGS.
ALL 91 & 93 ARE TO BE RECESSED INTO CEILING TILES.

KEY PLAN



LINE VOLTAGE PLAN - 1ST FLR AREA A

NO.	DESCRIPTION	DATE
1	DEMO PACKAGE	07/03/24
2	SCHEMATIC DESIGN	10/25/24
3	DEMO PACKAGE PH 1	11/04/24
4	DESIGN DEVELOPMENT	02/21/25
5	AV COORDINATION	05/19/25
6	ID & PERMIT	10/03/25

AV
1.123

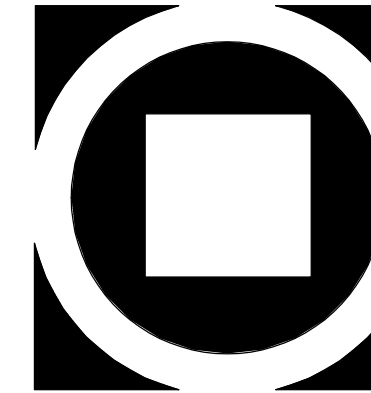
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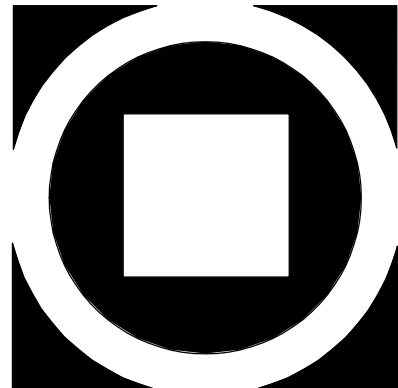
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NO.	DESCRIPTION	DATE
1	DEMO PACKAGE	07/03/24
2	SCHEMATIC DESIGN	10/25/24
3	DEMO PACKAGE PH 1	11/04/24
4	DESIGN DEVELOPMENT	02/21/25
5	AV COORDINATION	05/19/25
6	BID & PERMIT	10/03/25

**AV
1.125**

SYMBOL LEGEND

MULTI-SYSTEMS

- TS-7 7" TOUCHSCREEN QSC TSX-TU-03 QTY: (7)
- AV RACK 1-4 EWR-16-17SD QTY: (6)
- AV RACK 5 EWR-16-17SD QTY: (1)
- IT RACK PROVIDED BY OTHERS QTY: (1)
- OUTLET DUPLEX QTY: (35)
- OUTLET QUADPLEX QTY: (16)

AUDIO

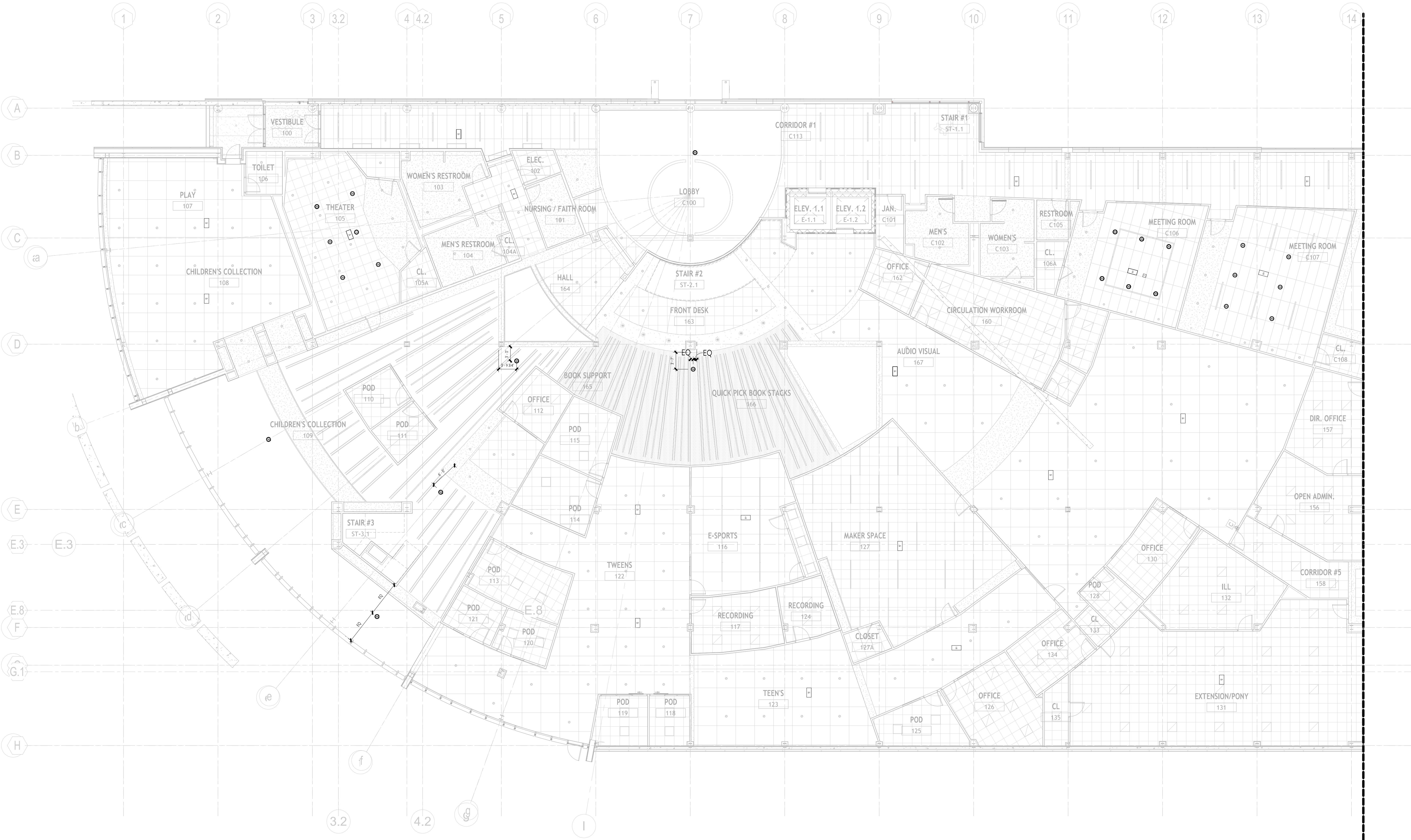
- S1 152 LAY-IN SPEAKER QUAM SYSTEM 2 QTY: (52)
- S2 WALL MOUNTED SPEAKER (EXTERIOR) QUAM SYSTEM 6/UPS QTY: (3)
- S3 6.5" 2-WAY IN-CEILING SPEAKER QSC AC-CR QTY: (44)
- S4 WALL MOUNTED SPEAKER (INTERIOR) QUAM SYSTEM 2 QTY: (2)
- S5 BEAM MOUNTED LOUPEAKER QUAM B2 QTY: (2)
- CK-22 CEILING MICROPHONE SHURE MXA20W-S QTY: (5)
- ANT WIRELESS MIC ANTENNA RE-VALUE CLARK QTY: (7)

VIDEO

- CAM 1 CAMERA QSC HC-240 QTY: (5)
- CAM 2 CAMERA HANNA VIA TECHWIN QND-8011 QTY: (1)
- TV58 86" TV LG 86UR3ACJUD QTY: (7)
- TV75 75" TV LG 75UR3ACJUD QTY: (1)
- TV50 50" TV LG 50UR3ACJUD QTY: (9)
- TV49 49" TOUCH SCREEN DISPLAY PIONEER UP49-1 QTY: (1)
- TV43 43" TV LG 43UR3ACJUD QTY: (5)
- TV32 32" TV LG 32UR3ACJUD QTY: (9)
- TVEX EXTERIOR TV SCREEN HERMES-AV QTY: (2)
- MOBILE TV MOBILE TV CLEAR TOUCH 600K+ QTY: (2)
- VWP VIDEO WALL PLATE E-WALL PLATE QTY: (21)
- VNWP VIDEO NETWORK WALL PLATE E-WALL PLATE QTY: (7)
- NWP NETWORK WALL PLATE E-WALL PLATE QTY: (19)
- FB FLOOR BOX FOR FLOOR SERIES BOX QTY: (6)
- CLICK SHARE CK-20 QTY: (6)
- ENCODER QSC AV-HW-E QTY: (6)
- DECODER QSC RV-21-HJ QTY: (15)
- SENSE SENSOR EATON 13516-6514 QTY: (1)

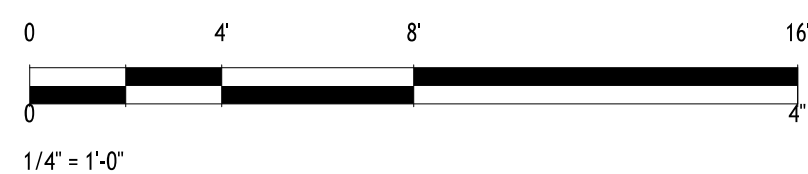
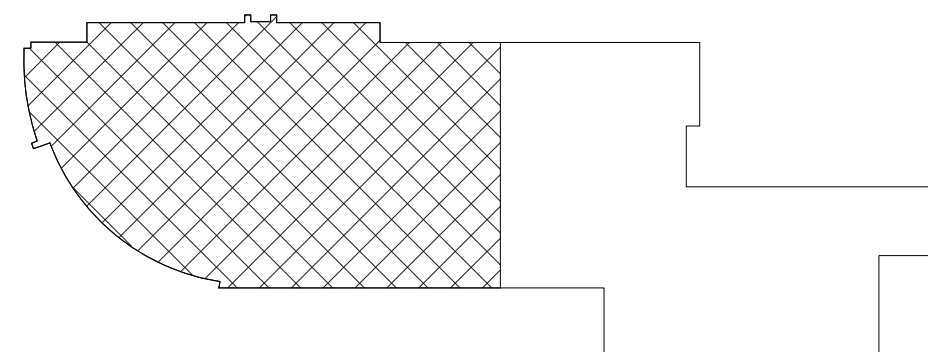
GENERAL NOTES

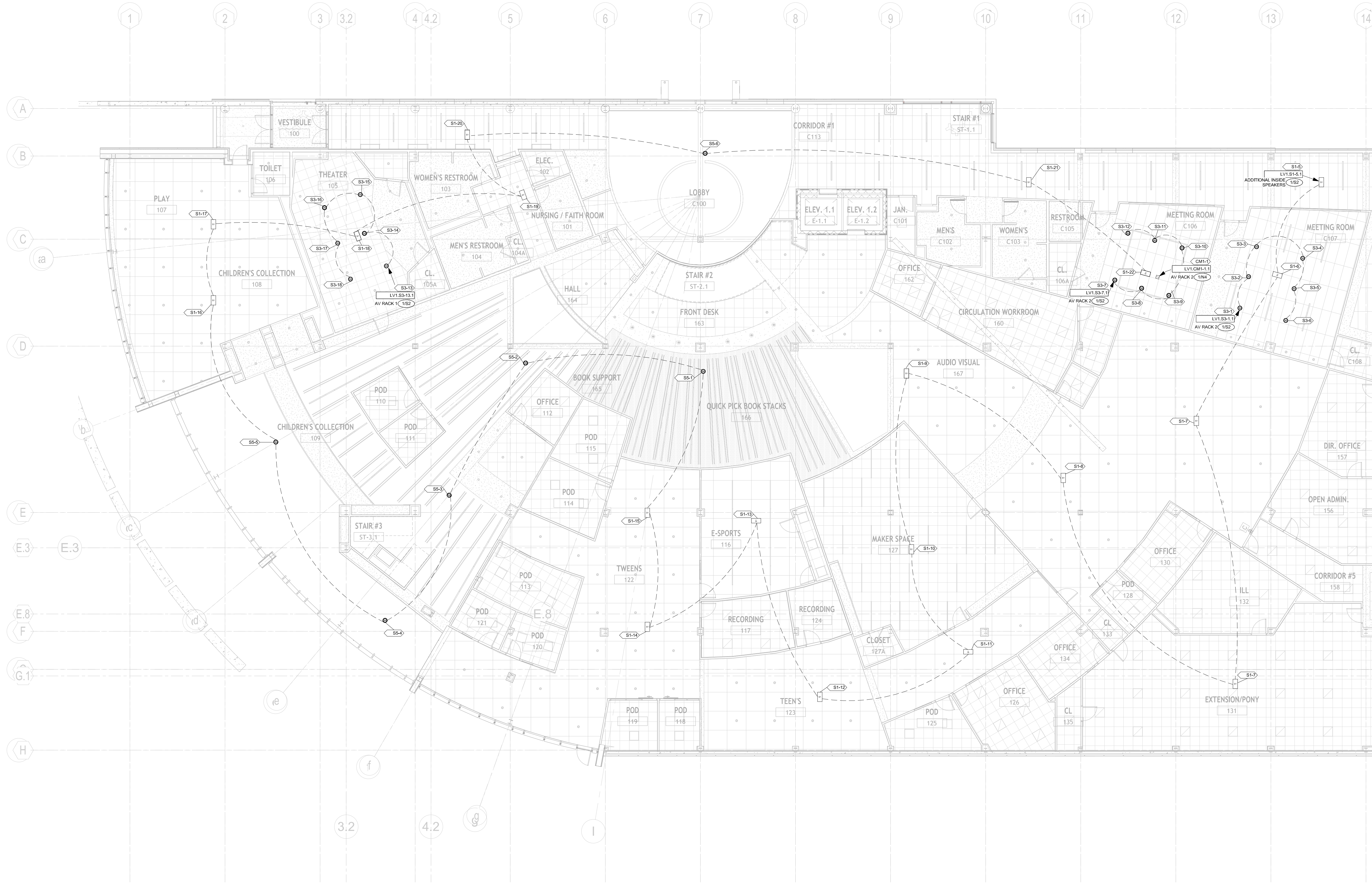
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ALL SS ARE TO BE DROPPED DOWN FROM CEILINGS.
ALL S1 & S3 ARE TO BE RECESSED INTO CEILING TILES.



1 FIRST FLR AREA A - AV RCP DEVICE LAYOUT
1" = 10'-0"

KEY PLAN





1 FIRST FLR AREA A - AV RCP LOW VOLTAGE
1" = 10'-0"

SYMBOL LEGEND

MULTI-SYSTEMS

- TS-7 T-TOUCHSCREEN QSC TSX-TU-03 QTY: (7)
- AV RACK 1-4 EWR-16-17B0 QTY: (4)
- AV RACK 5 EWR-16-17B0 QTY: (1)
- IT RACK IT RACK PROVIDED BY OTHERS QTY: (1)
- OUTLET DUPLEX QTY: (35)
- OUTLET QUADPLEX QTY: (16)

AUDIO

- S1 150 LAY-IN SPEAKER QUM SYSTEM 6VPS QTY: (52)
- S2 WALL MOUNTED SPEAKER (EXTERIOR) QUM SYSTEM 6VPS QTY: (2)
- S3 6.5" 2-WAY IN-CEILING SPEAKER QSC AC-01 QTY: (44)
- S4 WALL MOUNTED SPEAKER (INTERIOR) QUM SYSTEM 2 QTY: (2)
- S5 BEAM MOUNTED LOUPEAKER QUM B82 QTY: (2)
- CK-22 CEILING MICROPHONE SHURE MXA200W-S QTY: (5)
- ANT WIRELESS MIC ANTENNA RE-VALUE-0400 QTY: (2)

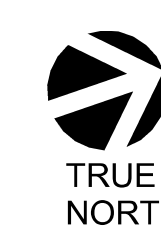
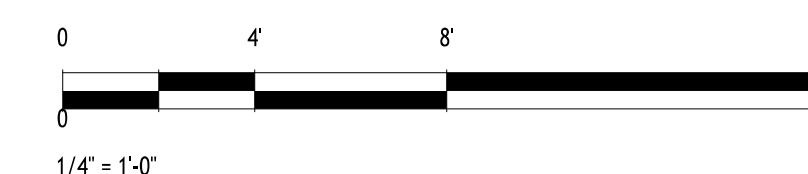
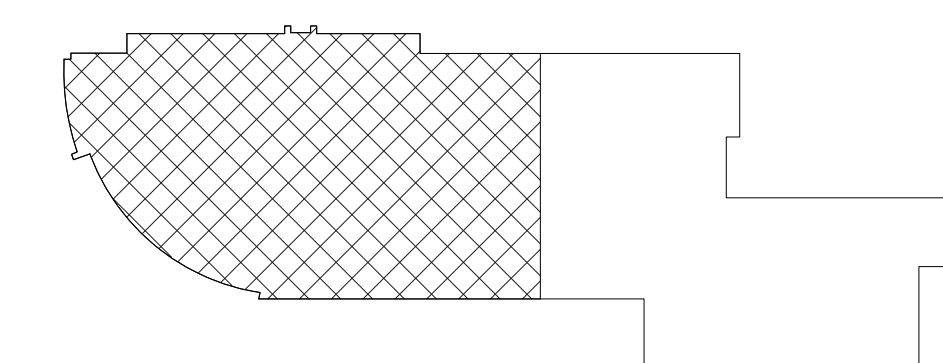
VIDEO

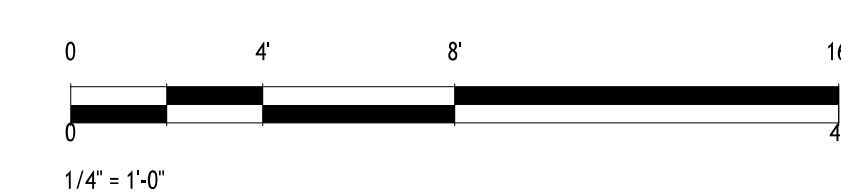
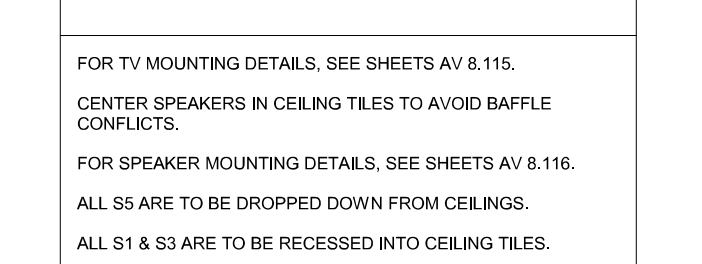
- CAM 1 CAMERA QSC HC-240 QTY: (5)
- CAM 2 CAMERA HANNAH TECHWIN QND-8011 QTY: (1)
- TV58 86" TV LG 86UR80CUD QTY: (7)
- TV75 75" TV LG 75UR80CUD QTY: (11)
- TV50 50" TV LG 50UR80CUD QTY: (9)
- TV49 49" TOUCH SCREEN DISPLAY PIONEER UP49-1 QTY: (2)
- TV43 43" TV LG 43UR80CUD QTY: (5)
- TV32 32" TV LG 32UR80CUD QTY: (6)
- TVEX EXTERIOR TV SCREEN HERMES-AV QTY: (2)
- MOBILE TV MOBILE TV CLEAR TOUCH 6000K+ QTY: (2)
- VWP VIDEO WALL PLATE E-WALL PLATE QTY: (21)
- VNWP VIDEO NETWORK WALL PLATE E-WALL PLATE QTY: (7)
- NWPP NETWORK WALL PLATE E-WALL PLATE QTY: (19)
- FB FLOOR BOX FOR FLOOR SERIES BOX QTY: (6)
- CLICK SHARE CLICK SHARE QTY: (6)
- ENCODER QSC AV-HW-E QTY: (6)
- DECODER QSC RV-21-HJ QTY: (15)
- SENSOR EATON 1501E-6014 QTY: (1)

GENERAL NOTES

FOR TV MOUNTING DETAILS, SEE SHEETS AV 8.115.
CENTER SPEAKERS IN CEILING TILES TO AVOID BAFFLE CONFLICTS.
FOR SPEAKER MOUNTING DETAILS, SEE SHEETS AV 8.116.
ALL S1 ARE TO BE DROPPED DOWN FROM CEILINGS.
ALL S1 & S3 ARE TO BE RECESSED INTO CEILING TILES.

KEY PLAN





1 FIRST FLR AREA B - AV FLOOR PLAN LOW VOLTAGE
1" = 10'-0"

3 1ST FLOOR AREA B - AV LOW VOLTAGE - ENLARGED PLAN 2
3/16" = 1'-0"

2 1ST FLOOR AREA B - AV LOW VOLTAGE - ENLARGED PLAN 1
3/16" = 1'-0"

SYMBOL LEGEND

MULTI-SYSTEMS

- TS-7 7" TOUCHSCREEN
QSC TS-7-TS-03
QTY: (7)
- AV RACK 1-4
EWS-16-1780
QTY: (4)
- AV RACK 5
EWS-16-1780
QTY: (1)
- AV RACK (SMALL)
MIDDLE ATLANTIC DR-8
QTY: (1)
- IT RACK
PROVIDED BY OTHERS
QTY: (1)
- OUTLET DUPLEX
QTY: (35)
- OUTLET QUADPLEX
QTY: (16)

AUDIO

- S1 152 LAY-IN SPEAKER
QUAM SYSTEM 6/VS
QTY: (52)
- S2 WALL MOUNTED SPEAKER (EXTERIOR)
QUAM SYSTEM 6/VS
QTY: (2)
- S3 6.5" 2-WAY INCEILING SPEAKER
QSC AC-01
QTY: (44)
- S4 WALL MOUNTED SPEAKER (INTERIOR)
QUAM SYSTEM 2
QTY: (2)
- S5 BEAM MOUNTED LOUSPEAKER
QUAM B82
QTY: (2)
- CK-22 CEILING MICROPHONE
SHURE KX220W-S
QTY: (5)
- ANT WIRELESS MIC ANTENNA
RE-VALUE LANC
QTY: (7)

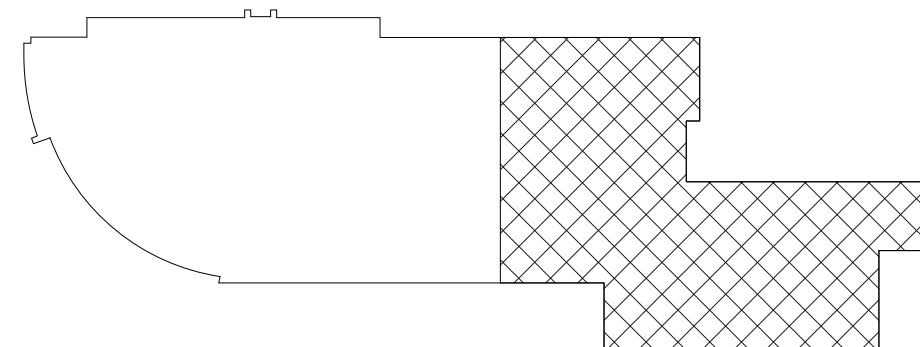
VIDEO

- CAM 1 CAMERA
QSC HC-240
QTY: (5)
- CAM 2 CAMERA
HANNYA TECHWIN QND-8011
QTY: (1)
- TV58 86" TV
LG 86UR40CUD
QTY: (7)
- TV75 75" TV
LG 75UR40CUD
QTY: (1)
- TV50 50" TV
LG 50UR40CUD
QTY: (9)
- TV49 49" TOUCH SCREEN DISPLAY
Pioneer UPD49-1
QTY: (2)
- TV43 43" TV
LG 43UR40CUD
QTY: (5)
- TV32 32" TV
LG 32UR40CUD
QTY: (9)
- TVEX EXTERIOR TV SCREEN
HERNIMES-AV
QTY: (2)
- MOBILE TV MOBILE TV
CLEAR TOUCH 600K+
QTY: (2)
- VWP VIDEO WALL PLATE
E WALL PLATE
QTY: (21)
- VNWP VIDEO NETWORK WALL PLATE
E WALL PLATE
QTY: (7)
- NWP NETWORK WALL PLATE
E WALL PLATE
QTY: (19)
- FB FLOOR BOX
FSR FL-008 SERIES BOX
QTY: (8)
- CLKR CLICK SHARE
CLKR
QTY: (8)
- ENCODER ENCODER
QSC RV-21-HW
QTY: (6)
- DECODER DECODER
QSC RV-21-HW
QTY: (15)
- SENSOR SENSOR
BATON 15016-6514
QTY: (1)

GENERAL NOTES

FOR TV MOUNTING DETAILS, SEE SHEETS AV 8.115.
CENTER SPEAKERS IN CEILING TILES TO AVOID BAFFLE
CONFLICTS.
FOR SPEAKER MOUNTING DETAILS, SEE SHEETS AV 8.116.
ALL SS ARE TO BE DROPPED DOWN FROM CEILINGS.
ALL 91 & 93 ARE TO BE RECESSED INTO CEILING TILES.

KEY PLAN





1 FIRST FLR AREA B - AV FLOOR PLAN LINE VOLTAGE
1" = 10'-0"

SYMBOL LEGEND

MULTI-SYSTEMS

- TS-7 7" TOUCHSCREEN QSC TS-7U-G3 QTY: (7)
- AV RACK 1-4 EWR-16-17B0 QTY: (6)
- AV RACK 5 EWR-16-17B0 QTY: (1)
- IT RACK PROVIDED BY OTHERS QTY: (1)
- OUTLET DUPLEX QTY: (35)
- OUTLET QUADPLEX QTY: (16)

AUDIO

- S1 152 LAY-IN SPEAKER QUAM SYSTEM 1 QTY: (52)
- S2 WALL MOUNTED SPEAKER (EXTERIOR) QUAM SYSTEM 6/UPS QTY: (4)
- S3 6.5" 2-WAY IN-CEILING SPEAKER QSC AC-CR QTY: (44)
- S4 WALL MOUNTED SPEAKER (INTERIOR) QUAM SYSTEM 2 QTY: (2)
- S5 BEAM MOUNTED LOUDSPEAKER QUAM B82 QTY: (2)
- CK-22 CEILING MICROPHONE SHURE MXA20W-S QTY: (5)
- ANT WIRELESS MIC ANTENNA RE-VALUE-CLARK QTY: (7)

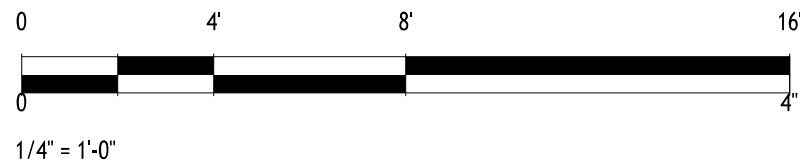
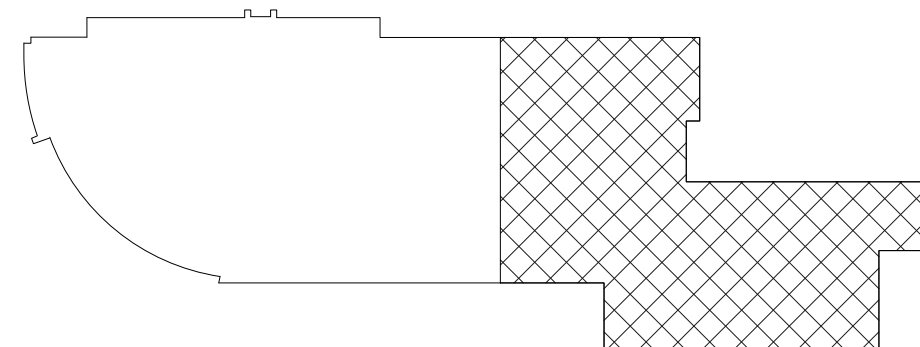
VIDEO

- CAM 1 CAMERA QSC HC-240 QTY: (5)
- CAM 2 CAMERA HANNA TECHWIN QND-8011 QTY: (1)
- TV58 86" TV LG 86UR40C9UD QTY: (7)
- TV75 75" TV LG 75UR40C9UD QTY: (11)
- TV80 80" TV LG 80UR40C9UD QTY: (9)
- TV49 49" TOUCH SCREEN DISPLAY Pimax UP49-1 QTY: (1)
- TV43 43" TV LG 43UR40C9UD QTY: (5)
- TV32 32" TV LG 32UR40C9UD QTY: (9)
- TVEX EXTERIOR TV SCREEN PERBESS-AV QTY: (2)
- MOBILE TV MOBILE TV CLEAR TOUCH 600K+ QTY: (2)
- V-WP VIDEO WALL PLATE E-WALL PLATE QTY: (21)
- VN-WP VIDEO NETWORK WALL PLATE E-WALL PLATE QTY: (7)
- N-WP NETWORK WALL PLATE E-WALL PLATE QTY: (19)
- FB FLOOR BOX FSR FL-200 SERIES BOX QTY: (8)
- CK-22 CLICK SHARE QTY: (8)
- ENCODER QSC RN-1HWE QTY: (8)
- DECODER QSC RV-21-HJ QTY: (15)
- SENSEOR EATON 1501E-6014 QTY: (1)

GENERAL NOTES

FOR TV MOUNTING DETAILS, SEE SHEETS AV 8.115.
CENTER SPEAKERS IN CEILING TILES TO AVOID BAFFLE CONFLICTS.
FOR SPEAKER MOUNTING DETAILS, SEE SHEETS AV 8.116.
ALL SS ARE TO BE DROPPED DOWN FROM CEILINGS.
ALL 91 & 93 ARE TO BE RECESSED INTO CEILING TILES.

KEY PLAN



LINE VOLTAGE PLAN - 1ST FLR AREA B		
NO.	DESCRIPTION	DATE
1	DEMO PACKAGE	07/03/24
2	SCHEMATIC DESIGN	10/25/24
3	DEMO PACKAGE PH 1	11/04/24
4	DESIGN DEVELOPMENT	02/21/25
5	AV COORDINATION	05/19/25
6	BID & PERMIT	10/03/25



1 FIRST FLR AREA B - AV RCP DEVICE LAYOUT
1" = 10'-0"

SYMBOL LEGEND

MULTI-SYSTEMS

- TS-7 7" TOUCHSCREEN QSC TS-7U-03 QTY: (7)
- AV RACK 1-4 EWR-16-17B0 QTY: (6)
- AV RACK 5 EWR-16-17B0 QTY: (1)
- IT RACK PROVIDED BY OTHERS QTY: (1)
- OUTLET DUPLEX QTY: (35)
- OUTLET QUADPLEX QTY: (16)
- AV RACK (SMALL) MIDDLE ATLANTIC DR-8 QTY: (1)
- AV RACK 16-17B0 QTY: (6)
- AV RACK 16-17B0 QTY: (6)

AUDIO

- S1 150 LAY-IN SPEAKER QUAM SYSTEM 6/UPS QTY: (52)
- S2 WALL MOUNTED SPEAKER (EXTERIOR) QUAM SYSTEM 6/UPS QTY: (2)
- S3 6.5" 2-WAY IN-CEILING SPEAKER QSC AC-01 QTY: (44)
- S4 WALL MOUNTED SPEAKER (INTERIOR) QUAM SYSTEM 2 QTY: (2)
- S5 BEAM MOUNTED LOUDSPEAKER QUAM B82 QTY: (2)
- CK-22 CEILING MICROPHONE SHURE MXA20W-S QTY: (5)
- ANT WIRELESS MIC ANTENNA BY BLUE CARB QTY: (7)

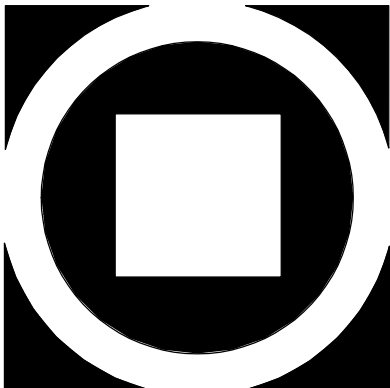
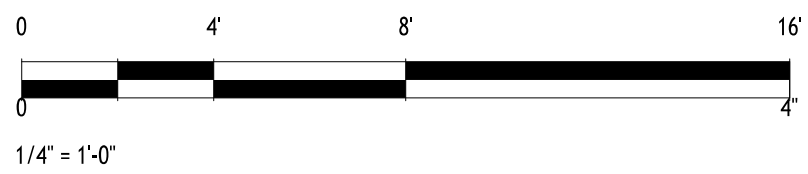
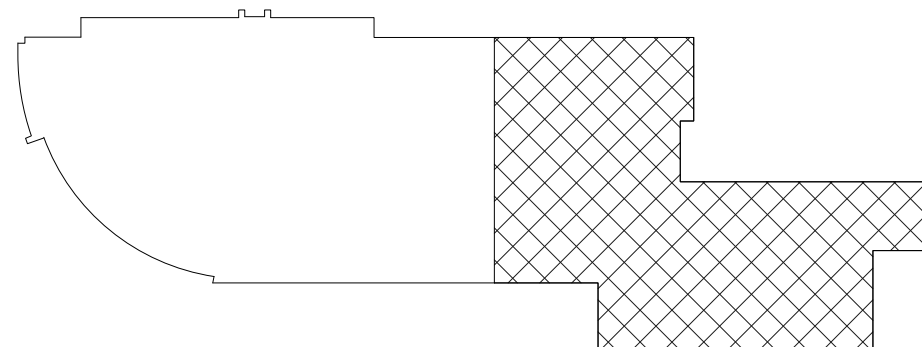
VIDEO

- CAM 1 CAMERA QSC HC-240 QTY: (5)
- CAM 2 CAMERA HANVIA TECHWIN QND-8011 QTY: (1)
- TV58 86" TV LG 86UR90C9UD QTY: (7)
- TV75 75" TV LG 75UR90C9UD QTY: (11)
- TV50 50" TV LG 50UR90C9UD QTY: (9)
- TV49 49" TOUCH SCREEN DISPLAY Pimax UP49-1 QTY: (1)
- TV43 43" TV LG 43UR90C9UD QTY: (5)
- TV32 32" TV LG 32UR90C9UD QTY: (9)
- TVEX EXTERIOR TV SCREEN HERMES-AV QTY: (2)
- MOBILE TV MOBILE TV CLEAR TOUCH 600K+ QTY: (2)
- VWP VIDEO WALL PLATE E WALL PLATE QTY: (21)
- VNWVP VIDEO NETWORK WALL PLATE E WALL PLATE QTY: (7)
- NWVP NETWORK WALL PLATE E WALL PLATE QTY: (19)
- FB FLOOR BOX FOR FLOOR SERIES BOX QTY: (8)
- CLICK SHARE QTY: (8)
- CLICK QTY: (8)
- ENCODER QSC AV-HW-E QTY: (8)
- DECODER QSC RV-21-HU QTY: (15)
- SENSOR EATON 13516-6514 QTY: (1)

GENERAL NOTES

FOR TV MOUNTING DETAILS, SEE SHEETS AV 8.115.
CENTER SPEAKERS IN CEILING TILES TO AVOID BAFFLE CONFLICTS.
FOR SPEAKER MOUNTING DETAILS, SEE SHEETS AV 8.116.
ALL SS ARE TO BE DROPPED DOWN FROM CEILINGS.
ALL B1 & B3 ARE TO BE RECESSED INTO CEILING TILES.

KEY PLAN



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Architecture + Site
Blue Bell PA 19322
482 Norristown Rd., Suite 200
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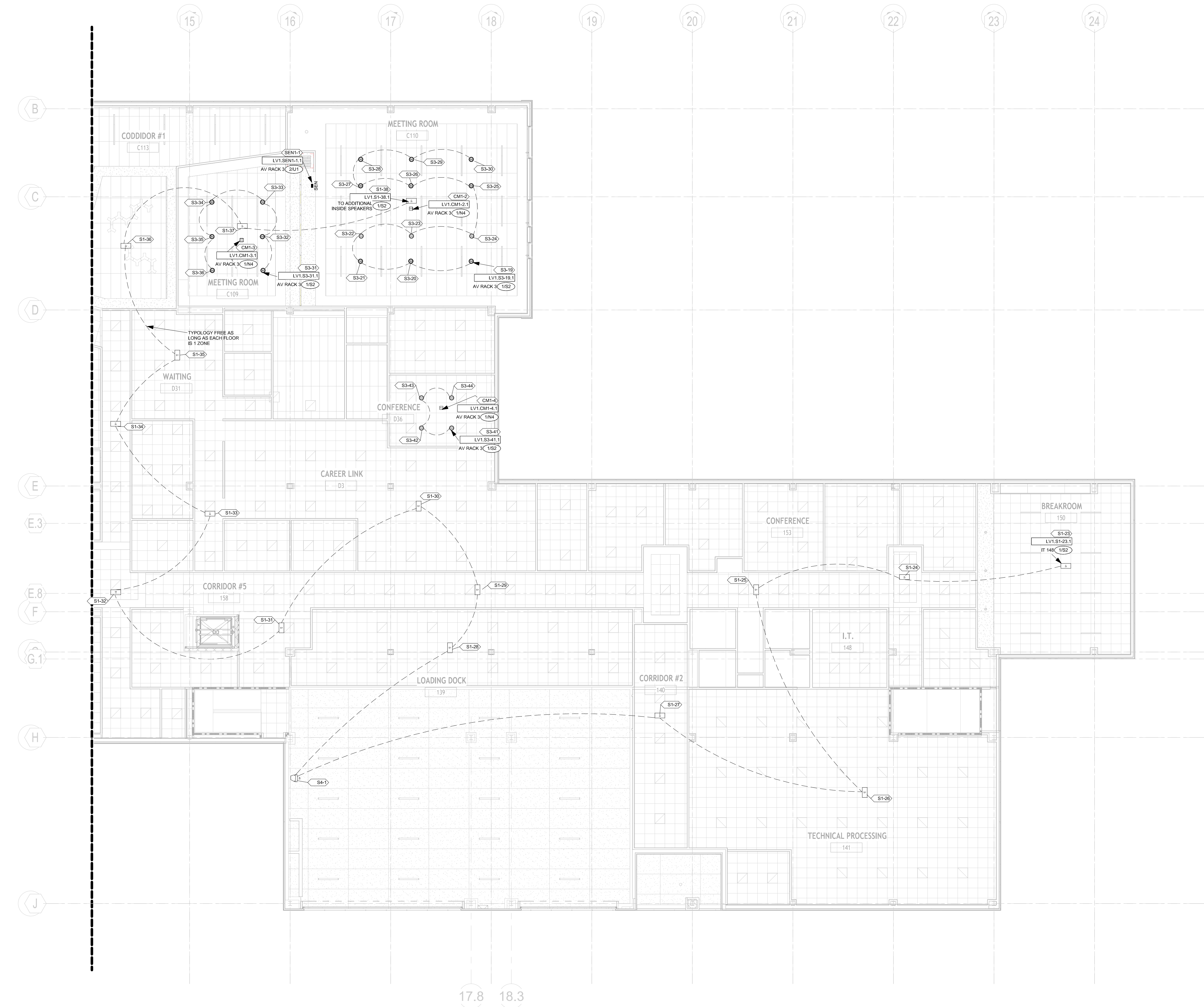
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CONSTRUCTION
ISSUE DATE: 1/28/2025
DRAWN BY: VN
CHECKED BY: BSM
SCALE: AS NOTED

DEVICE LAYOUT RCP - 1ST FLR AREA B		
NO.	DESCRIPTION	DATE
1	DEMO PACKAGE	07/03/24
2	SCHEMATIC DESIGN	10/25/24
3	DEMO PACKAGE PH 1	11/04/24
4	DESIGN DEVELOPMENT	02/21/25
5	AV COORDINATION	05/19/25
6	BID & PERMIT	10/03/25

AV
1.135



1 FIRST FLR AREA B - AV RCP LOW VOLTAGE
1" = 10'-0"

SYMBOL LEGEND

MULTI-SYSTEMS

- TS-7 T-TOUCHSCREEN
QSC TS-7U-03
QTY: (7)
- AV RACK 1-4
EWA-16-1780
QTY: (4)
- AV RACK 5
EWA-16-1780
QTY: (1)
- AV RACK (SMALL)
MIDDLE ATLANTIC DR-8
QTY: (1)
- IT RACK
PROVIDED BY OTHERS
QTY: (1)
- OUTLET DUPLEX
QTY: (35)
- OUTLET QUADPLEX
QTY: (16)

AUDIO

- S1 152 LAY-IN SPEAKER
QUAM SYSTEM 6/VS
QTY: (52)
- S2 WALL MOUNTED SPEAKER (EXTERIOR)
QUAM SYSTEM 6/VS
QTY: (2)
- S3 6.5" 2-WAY IN-CEILING SPEAKER
QSC AC-01
QTY: (44)
- S4 WALL MOUNTED SPEAKER (INTERIOR)
QUAM SYSTEM 2
QTY: (2)
- S5 BEAM MOUNTED LOUDSPEAKER
QUAM BB2
QTY: (2)
- CK-22 CEILING MICROPHONE
SHURE MXA20W-S
QTY: (5)
- ANT WIRELESS MIC ANTENNA
RE-VALUE LANC
QTY: (2)

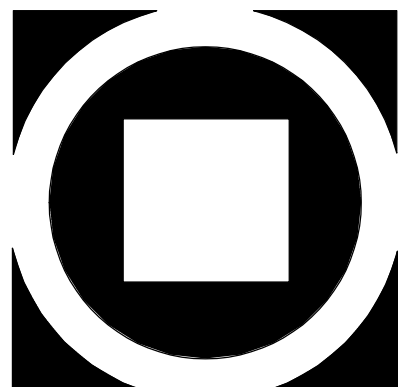
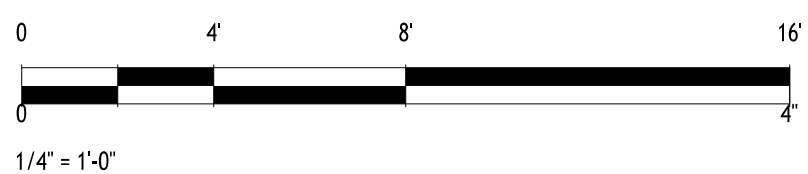
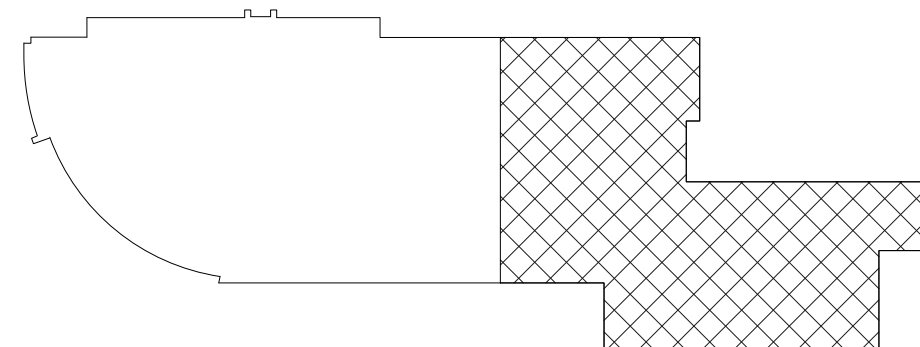
VIDEO

- CAM 1 CAMERA
QSC HC-240
QTY: (5)
- CAM 2 CAMERA
HANNYA TECHWIN QND-8011
QTY: (1)
- TV58 86" TV
LG 6UR3AOC9UD
QTY: (7)
- TV75 75" TV
LG 6UR3AOC9UD
QTY: (11)
- TV90 90" TV
LG 6UR3AOC9UD
QTY: (9)
- TV49 49" TOUCH SCREEN DISPLAY
Pioneer UPD49-1
QTY: (2)
- TV43 43" TV
LG 6UR3AOC9UD
QTY: (5)
- TV32 32" TV
LG 35N3AOC9UD
QTY: (9)
- TVEX EXTERIOR TV SCREEN
HERNERS-AV
QTY: (2)
- MOBILE TV MOBILE TV
CLEAR TOUCH 600K+
QTY: (2)
- VWP VIDEO WALL PLATE
E WALL PLATE
QTY: (21)
- VNWP VIDEO NETWORK WALL PLATE
E WALL PLATE
QTY: (7)
- NWP NETWORK WALL PLATE
E WALL PLATE
QTY: (19)
- FB FLOOR BOX
FSR FL-000 SERIES BOX
QTY: (8)
- CLICK SHARE CLICK SHARE
QTY: (8)
- ENCODER ENCODER
QSC AV-HW-E
QTY: (8)
- DECODER DECODER
QSC RV-21-HU
QTY: (15)
- SEN SENSOR
EATON 1351E-6514
QTY: (1)

GENERAL NOTES

FOR TV MOUNTING DETAILS, SEE SHEETS AV 8.115.
CENTER SPEAKERS IN CEILING TILES TO AVOID BAFFLE
CONFLICTS.
FOR SPEAKER MOUNTING DETAILS, SEE SHEETS AV 8.116.
ALL S1 ARE TO BE DROPPED DOWN FROM CEILINGS.
ALL S1 & S3 ARE TO BE RECESSED INTO CEILING TILES.

KEY PLAN



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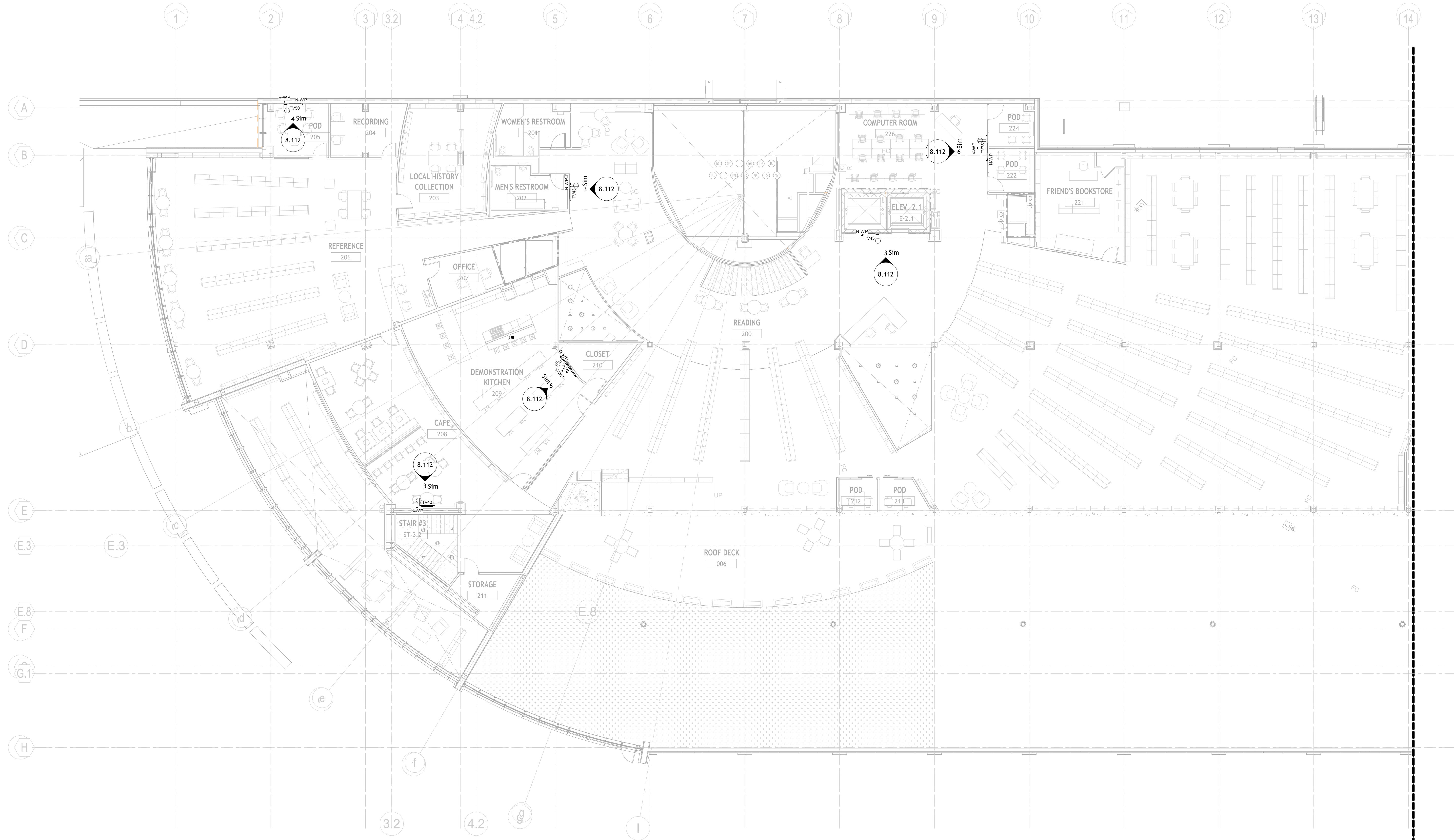
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CONSTRUCTION
ISSUE DATE: 12/8/2025
DRAWN BY: VN
CHECKED BY: BSM
SCALE: AS NOTED

NO.	DESCRIPTION	DATE
1	DEMO PACKAGE	07/03/24
2	SCHEMATIC DESIGN	10/25/24
3	DEMO PACKAGE PH 1	11/04/24
4	DESIGN DEVELOPMENT	02/21/25
5	AV COORDINATION	05/19/25
6	BID & PERMIT	10/03/25

**AV
1.136**



1 2ND FLR AREA A - AV PLAN DEVICE LAYOUT
1" = 10'-0"

SYMBOL LEGEND

MULTI-SYSTEMS

- TS-7 7" TOUCHSCREEN
QSC TS-7U-03
QTY: (7)
- AV RACK 1-4
EWA-16-17B0
QTY: (4)
- AV RACK 5
EWA-16-17B0
QTY: (1)
- AV RACK (SMALL)
MEDEA ATLANTIC DR-8
QTY: (1)
- IT RACK
PROVIDED BY OTHERS
QTY: (1)
- OUTLET DUPLEX
QTY: (35)
- OUTLET QUADPLEX
QTY: (16)

AUDIO

- S1 1X2 LAY-IN SPEAKER
QUAM SYSTEM 6VPS
QTY: (52)
- S2 WALL MOUNTED SPEAKER (EXTERIOR)
QUAM SYSTEM 6VPS
QTY: (3)
- S3 6.5" 2-WAY IN-CEILING SPEAKER
QSC AC-01
QTY: (44)
- S4 WALL MOUNTED SPEAKER (INTERIOR)
QUAM SYSTEM 2
QTY: (2)
- S5 BEAM MOUNTED LOUPEAKER
QUAM B82
QTY: (12)
- CK-22 CEILING MICROPHONE
SHURE MXA200W-S
QTY: (5)
- ANT WIRELESS MIC ANTENNA
RT-VALUE-040C
QTY: (7)

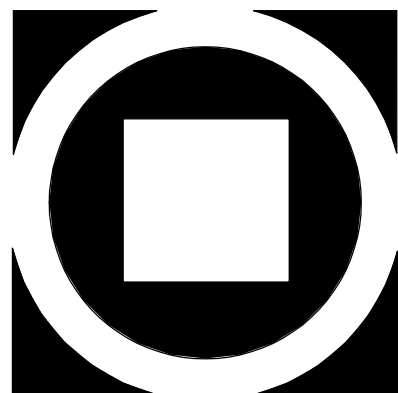
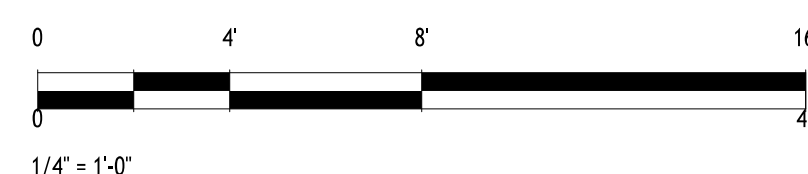
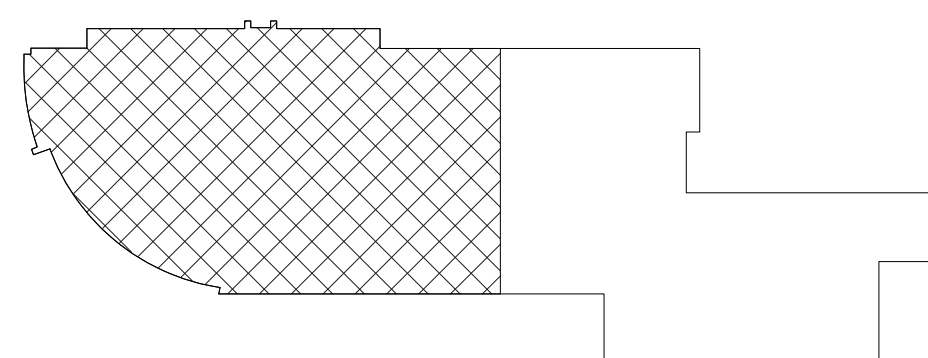
VIDEO

- CAM 1 CAMERA
QSC HC-1240
QTY: (5)
- CAM 2 CAMERA
HANNIYA TECHWIN QND-8011
QTY: (1)
- TV86 86" TV
LG 86UR80CUD
QTY: (7)
- TV75 75" TV
LG 75UR80CUD
QTY: (11)
- TV50 50" TV
LG 50UR80CUD
QTY: (9)
- TV49 49" TOUCH SCREEN DISPLAY
Pioneer UPD49-1
QTY: (1)
- TV43 43" TV
LG 43UR80CUD
QTY: (5)
- TV32 32" TV
LG 32UN80CUD
QTY: (9)
- TVEX EXTERIOR TV SCREEN
HERNERS-AV
QTY: (2)
- MOBILE TV MOBILE TV
CLEAR TOUCH 600K+
QTY: (2)
- VWP VIDEO WALL PLATE
E WALL PLATE
QTY: (21)
- VNWP VIDEO NETWORK WALL PLATE
E WALL PLATE
QTY: (7)
- NWP NETWORK WALL PLATE
E WALL PLATE
QTY: (19)
- FB FLOOR BOX
FSR FLOOR SERIES BOX
QTY: (8)
- CLICK SHARE
CK-20
QTY: (8)
- ENCODER
QSC AV-HWWE
QTY: (8)
- DECODER
QSC RV-21-HJ
QTY: (15)
- SENSOR
BATON 13516-6514
QTY: (1)

GENERAL NOTES

FOR TV MOUNTING DETAILS, SEE SHEETS AV 8.115.
CENTER SPEAKERS IN CEILING TILES TO AVOID BAFFLE
CONFLICTS.
FOR SPEAKER MOUNTING DETAILS, SEE SHEETS AV 8.116.
ALL S5 ARE TO BE DROPPED DOWN FROM CEILINGS.
ALL S1 & S3 ARE TO BE RECESSED INTO CEILING TILES.

KEY PLAN



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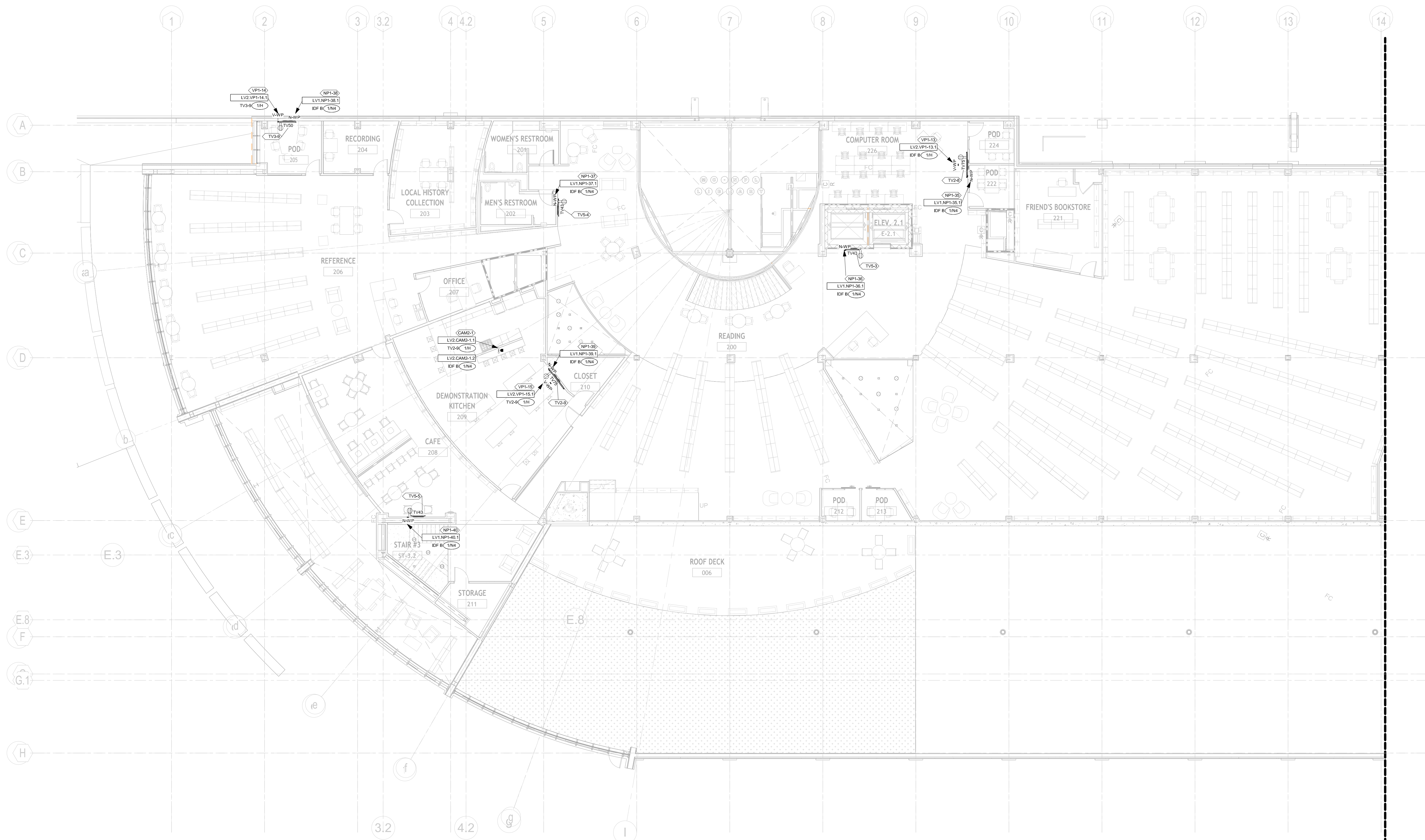
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CONSTRUCTION
ISSUE DATE: 1/28/2025
DRAWN BY: VN
CHECKED BY: BSM
SCALE: AS NOTED

NO.	DESCRIPTION	DATE
1	DEMO PACKAGE	07/03/24
2	SCHEMATIC DESIGN	10/25/24
3	DEMO PACKAGE PH 1	11/04/24
4	DESIGN DEVELOPMENT	02/21/25
5	AV COORDINATION	05/19/25
6	BID & PERMIT	10/03/25

**AV
1.141**



1 2ND FLR AREA A - AV FLOOR PLAN LOW VOLTAGE
1" = 10'-0"

SYMBOL LEGEND

MULTI-SYSTEMS

- TS-7 T-TOUCHSCREEN
QSC TSX-TU-03
QTY: (7)
- AV RACK 1-4
EVR-16-17SD
QTY: (6)
- AV RACK 5
EVR-16-17SD
QTY: (1)
- AV RACK (SMALL)
MIDDLE ATLANTIC DR-8
QTY: (1)
- IT RACK
PROVIDED BY OTHERS
QTY: (1)
- OUTLET DUPLEX
QTY: (35)
- OUTLET QUADPLEX
QTY: (16)

AUDIO

- S1 1X2 LAY-IN SPEAKER
QUAM SYSTEM 1 (S1)
QTY: (52)
- S2 WALL MOUNTED SPEAKER (EXTERIOR)
QUAM SYSTEM 2 (S2)
QTY: (2)
- S3 6.5" 2-WAY INCEILING SPEAKER
QSC AC-COR
QTY: (44)
- S4 WALL MOUNTED SPEAKER (INTERIOR)
QUAM SYSTEM 2 (S4)
QTY: (2)
- S5 BEAM MOUNTED LOUSPEAKER
QUAM S2
QTY: (2)
- CK-22 CEILING MICROPHONE
SHURE MXA200H-S
QTY: (5)
- ANT WIRELESS MIC ANTENNA
RT VALUE CARIC
QTY: (2)

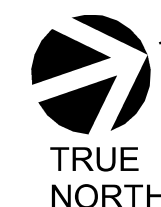
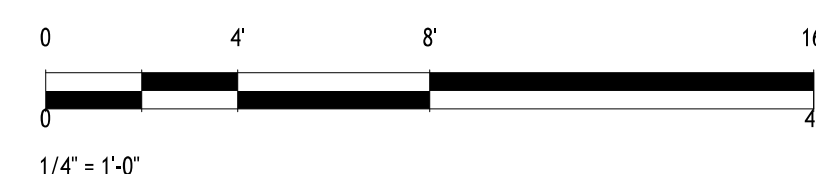
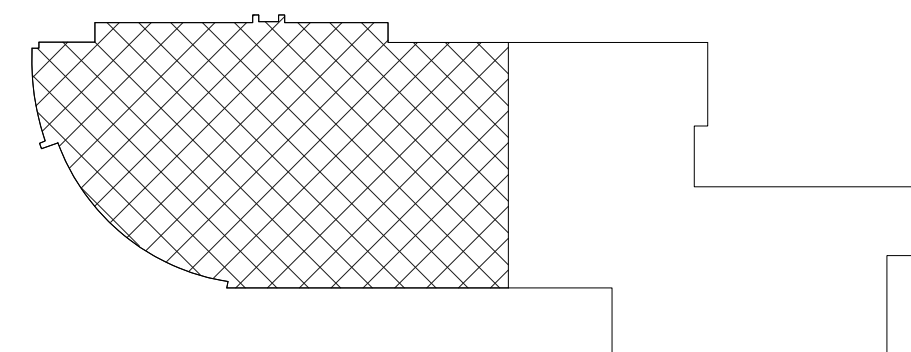
VIDEO

- CAM 1 CAMERA
QSC HC-240
QTY: (5)
- CAM 2 CAMERA
HANNYA TECHWIN QND-8011
QTY: (1)
- TV58 86" TV
LG 86UR80CUD
QTY: (7)
- TV75 75" TV
LG 75UR80CUD
QTY: (11)
- TV90 90" TV
LG 90UR80CUD
QTY: (9)
- TV49 49" TOUCH SCREEN DISPLAY
Pioneer UP49-1
QTY: (2)
- TV43 43" TV
LG 43UR80CUD
QTY: (2)
- TV32 32" TV
LG 32UR80CUD
QTY: (9)
- TVEX EXTERIOR TV SCREEN
HERMES-AV
QTY: (2)
- MOBILE TV MOBILE TV
CLEAR TOUCH 600K+
QTY: (2)
- VWP VIDEO WALL PLATE
E WALL PLATE
QTY: (21)
- VNWP VIDEO NETWORK WALL PLATE
E WALL PLATE
QTY: (7)
- NWP NETWORK WALL PLATE
E WALL PLATE
QTY: (19)
- FB FLOOR BOX
FSR FLOOR SERIES BOX
QTY: (8)
- CLICK SHARE CLICK SHARE
QTY: (8)
- ENCODER QSC AV-HWWE
QTY: (6)
- DECODER QSC RV-21-HJ
QTY: (15)
- SENSE EATON 13516-6514
QTY: (1)

GENERAL NOTES

- FOR TV MOUNTING DETAILS: SEE SHEETS AV 8.115.
CENTER SPEAKERS IN CEILING TILES TO AVOID BAFFLE
CONFLICTS.
- FOR SPEAKER MOUNTING DETAILS: SEE SHEETS AV 8.116.
ALL S1 ARE TO BE DROPPED DOWN FROM CEILINGS.
ALL S1 & S3 ARE TO BE RECESSED INTO CEILING TILES.

KEY PLAN



LOW VOLTAGE PLAN - 2ND FLR AREA A		
NO.	DESCRIPTION	DATE
1	DEMO PACKAGE	07/03/24
2	SCHEMATIC DESIGN	10/25/24
3	DEMO PACKAGE PH 1	11/04/24
4	DESIGN DEVELOPMENT	02/21/25
5	AV COORDINATION	05/19/25
6	BID & PERMIT	10/03/25

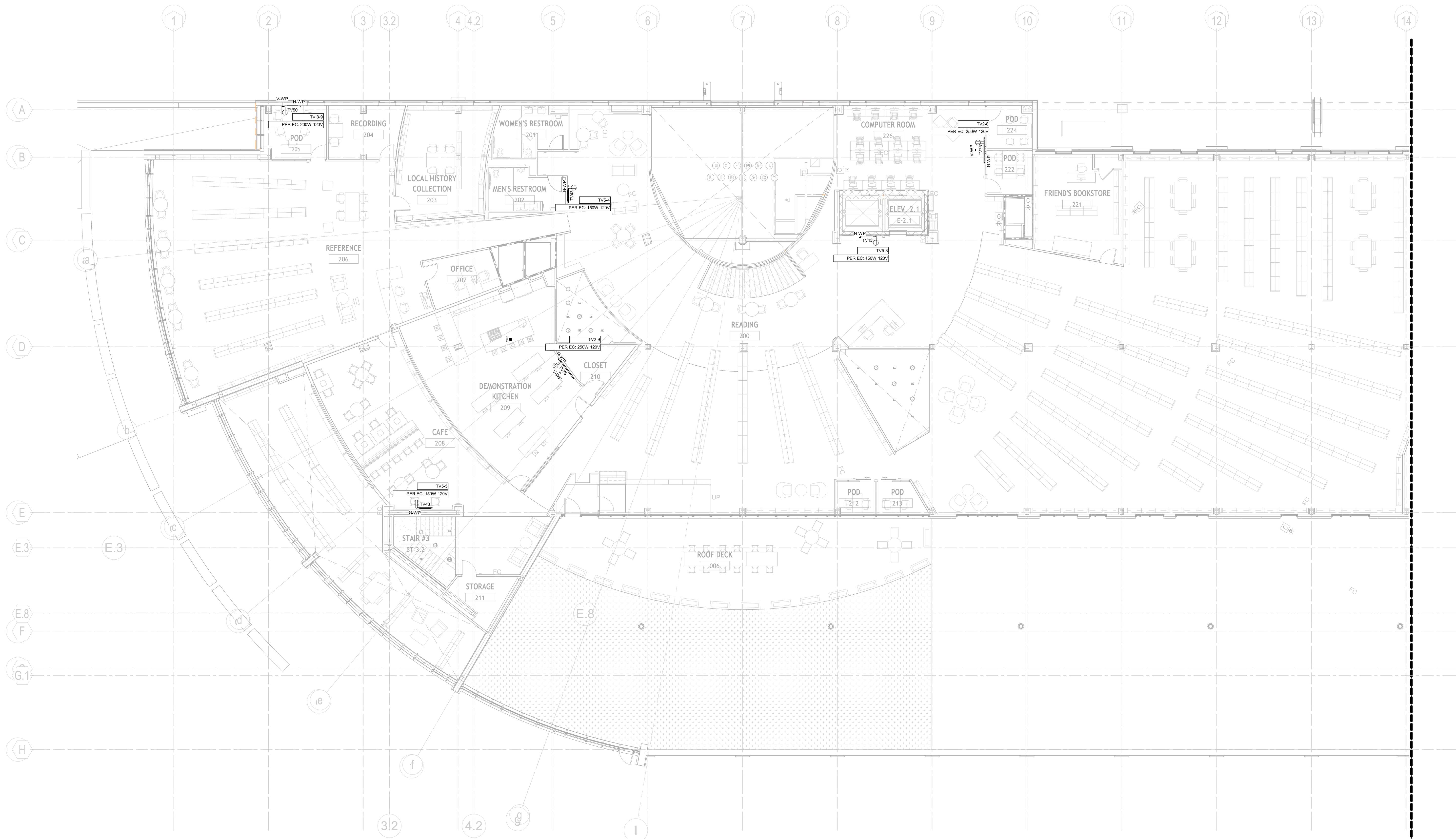
AV
1.142

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ISSUE DATE: 12/8/2025
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SCALE: AS NOTED

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Architecture + Site
Blue Bell PA 19322
482 Norristown Rd., Suite 200
Phone 610.834.7855
Fax 610.834.7815
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1 2ND FLR AREA A - AV FLOOR PLAN LINE VOLTAGE
1" = 10'-0"

SYMBOL LEGEND

MULTI-SYSTEMS

- TS-7 T-TOUCHSCREEN QSC TS-7U-03 QTY: (7)
- AV RACK 1-4 EWR-16-17B QTY: (6)
- AV RACK 5 EWR-16-17B QTY: (1)
- AV RACK (SMALL) MEDELA ATLANTIC DR-8 QTY: (1)
- IT RACK PROVIDED BY OTHERS QTY: (1)
- OUTLET DUPLEX QTY: (35)
- OUTLET QUADPLEX QTY: (16)

AUDIO

- S1 152 LAY-IN SPEAKER QUAM SYSTEM 8/VS QTY: (52)
- S2 WALL MOUNTED SPEAKER (EXTERIOR) QUAM SYSTEM 6/VS QTY: (3)
- S3 6.5" 2-WAY IN-CEILING SPEAKER QSC AC-01 QTY: (44)
- S4 WALL MOUNTED SPEAKER (INTERIOR) QUAM SYSTEM 2 QTY: (2)
- S5 BEAM MOUNTED LOUPEAKER QUAM B82 QTY: (2)
- CK-22 CEILING MICROPHONE SHURE MXA200W-S QTY: (5)
- ANT WIRELESS MIC ANTENNA RT-VALUE-0400 QTY: (7)

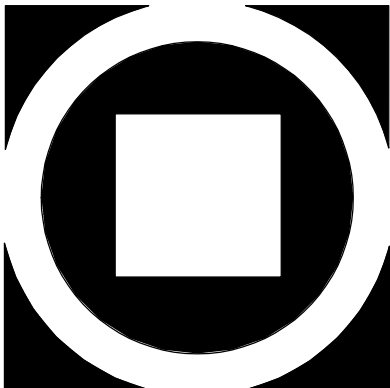
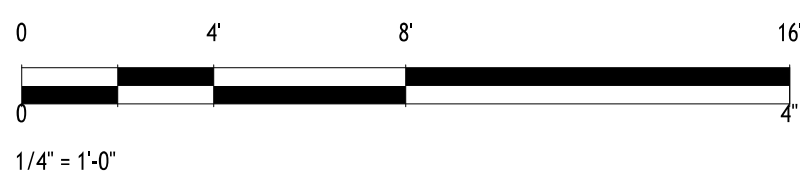
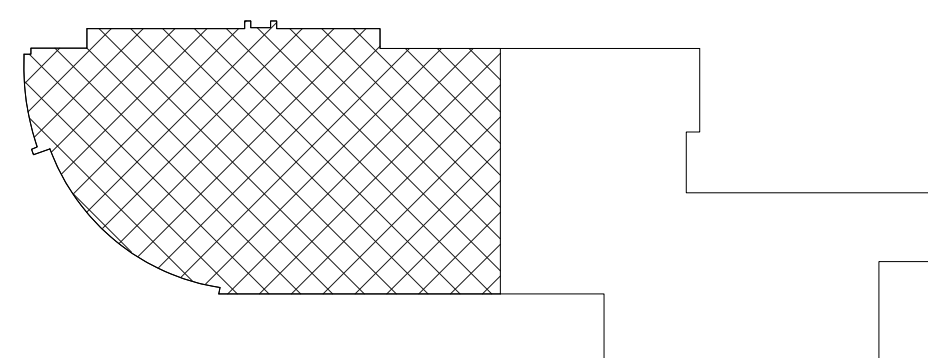
VIDEO

- CAM 1 CAMERA QSC HC-240 QTY: (5)
- CAM 2 CAMERA HANNA TECHWIN QND-8011 QTY: (1)
- TV58 86" TV LG 86UR40C9UD QTY: (7)
- TV75 75" TV LG 75UR40C9UD QTY: (11)
- TV80 80" TV LG 80UR40C9UD QTY: (9)
- TV49 49" TOUCH SCREEN DISPLAY PIONEER UPD49-1 QTY: (2)
- TV43 43" TV LG 43UR40C9UD QTY: (5)
- TV32 32" TV LG 32UR40C9UD QTY: (9)
- TVEX EXTERIOR TV SCREEN HERMES-AV QTY: (2)
- MOBILE TV MOBILE TV CLEAR TOUCH 600K+ QTY: (2)
- VWP VIDEO WALL PLATE E-WALL PLATE QTY: (21)
- VNWP VIDEO NETWORK WALL PLATE E-WALL PLATE QTY: (7)
- NWP NETWORK WALL PLATE E-WALL PLATE QTY: (19)
- FB FLOOR BOX FOR FLOOR SERIES BOX QTY: (6)
- CLICK SHARE CLICK SHARE QTY: (6)
- ENCODER QSC RV-21-HU QTY: (1)
- DECODER QSC RV-21-HU QTY: (1)
- SENSOR EATON 13516-6514 QTY: (1)

GENERAL NOTES

FOR TV MOUNTING DETAILS, SEE SHEETS AV 8.115.
CENTER SPEAKERS IN CEILING TILES TO AVOID BAFFLE CONFLICTS.
FOR SPEAKER MOUNTING DETAILS, SEE SHEETS AV 8.116.
ALL SS ARE TO BE DROPPED DOWN FROM CEILINGS.
ALL S1 & S3 ARE TO BE RECESSED INTO CEILING TILES.

KEY PLAN



KIMMEL BOGRETTE
Architecture + Site
482 Norristown Rd., Suite 200
Blue Bell, PA 19322
Phone: 610.634.7865
Fax: 610.634.7815
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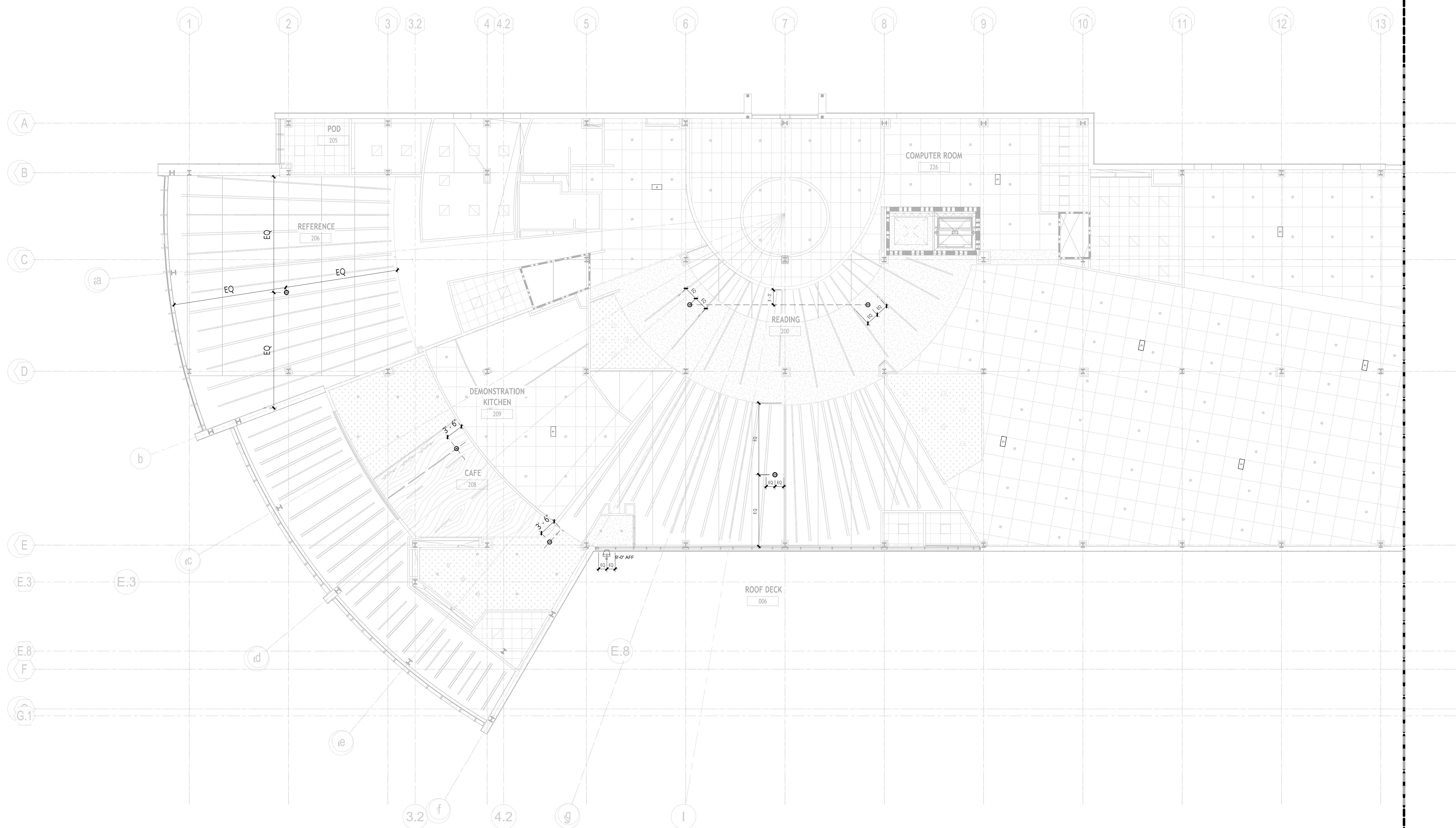
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LINE VOLTAGE PLAN - 2ND FLR AREA A			
NO.	DESCRIPTION	DATE	
1	DEMO PACKAGE	07/03/24	
2	SCHEMATIC DESIGN	10/25/24	
3	DEMO PACKAGE PH 1	11/04/24	
4	DESIGN DEVELOPMENT	02/21/25	
5	AV COORDINATION	05/19/25	
6	BID & PERMIT	10/03/25	

AV
1.143



1 2ND FLR AREA A - AV RCP DEVICE LAYOUT
1" = 10' - 0"

SYMBOL LEGEND

MULTI-SYSTEMS

- TS-7 7" TOUCHSCREEN
QSC TSX-TU-03
QTY: (7)
- AV RACK 1-4
EWS-16-17SD
QTY: (6)
- AV RACK 5
EWS-16-17SD
QTY: (1)
- IT RACK
PROVIDED BY OTHERS
QTY: (1)
- OUTLET DUPLEX
QTY: (35)
- OUTLET QUADPLEX
QTY: (16)
- AV RACK (SMALL)
EWS-16-17SD
QTY: (1)
- AV RACK (MIDDLE ATLANTIC DR-8)
QTY: (1)

AUDIO

- S1 1X2 LAY-IN SPEAKER
QUAM SYSTEM 6/VS
QTY: (52)
- S2 WALL MOUNTED SPEAKER (EXTERIOR)
QUAM SYSTEM 6/VS
QTY: (3)
- S3 6.5" 2-WAY IN-CEILING SPEAKER
QSC AC-CR
QTY: (44)
- S4 WALL MOUNTED SPEAKER (INTERIOR)
QUAM SYSTEM 2
QTY: (2)
- S5 BEAM MOUNTED LOUDESPEAKER
QUAM B82
QTY: (2)
- CK-22 CEILING MICROPHONE
SHURE MXA20W-S
QTY: (5)
- ANT WIRELESS MIC ANTENNA
RE-VALUE LANC
QTY: (7)

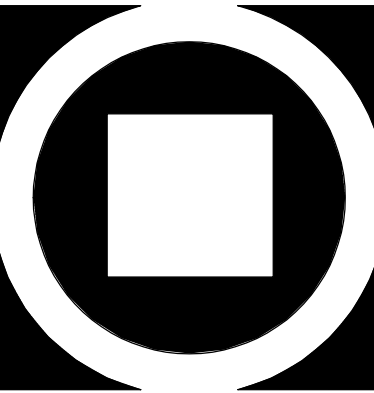
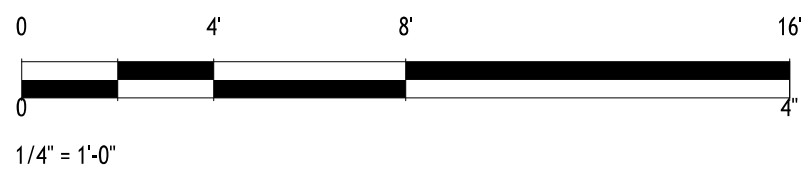
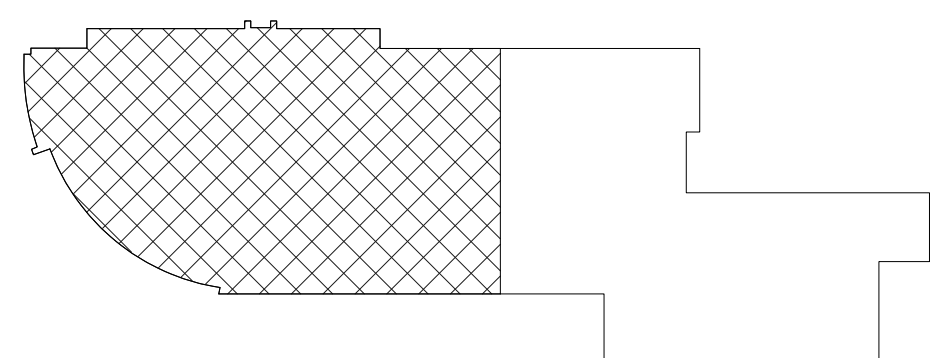
VIDEO

- CAM 1 CAMERA
QSC HC-240
QTY: (5)
- CAM 2 CAMERA
HANNYA TECHWIN QND-8011
QTY: (1)
- TV86 86" TV
LG 65UR80C9UD
QTY: (7)
- TV75 75" TV
LG 65UR80C9UD
QTY: (11)
- TV60 60" TV
LG 65UR80C9UD
QTY: (9)
- TV49 49" TOUCH SCREEN DISPLAY
Pioneer UPD49-1
QTY: (2)
- TV43 43" TV
LG 65UR80C9UD
QTY: (5)
- TV32 32" TV
LG 55UR80C9UD
QTY: (9)
- TVEX EXTERIOR TV SCREEN
HERMES-AV
QTY: (2)
- MOBILE TV MOBILE TV
CLEAR TOUCH 600K+
QTY: (2)
- VWP VIDEO WALL PLATE
E WALL PLATE
QTY: (21)
- VNWP VIDEO NETWORK WALL PLATE
E WALL PLATE
QTY: (7)
- NWP NETWORK WALL PLATE
E WALL PLATE
QTY: (19)
- FB FLOOR BOX
FSR FL-000 SERIES BOX
QTY: (8)
- CSK CLICK SHARE
QTY: (8)
- ENCODER QSC AV-HW-E
QTY: (6)
- DECODER QSC RV-21-HJ
QTY: (15)
- SEN SENSOR
EATON 13516-6514
QTY: (1)

GENERAL NOTES

FOR TV MOUNTING DETAILS, SEE SHEETS AV 8.115.
CENTER SPEAKERS IN CEILING TILES TO AVOID BAFFLE
CONFLICTS.
FOR SPEAKER MOUNTING DETAILS, SEE SHEETS AV 8.116.
ALL SS ARE TO BE DROPPED DOWN FROM CEILINGS.
ALL S1 & S3 ARE TO BE RECESSED INTO CEILING TILES.

KEY PLAN



KIMMEL BOGRETTE
Architecture + Site
Blue Bell, PA 19322
482 Norristown Rd., Suite 200
Norristown, PA 19384
Phone: 610.634.7865
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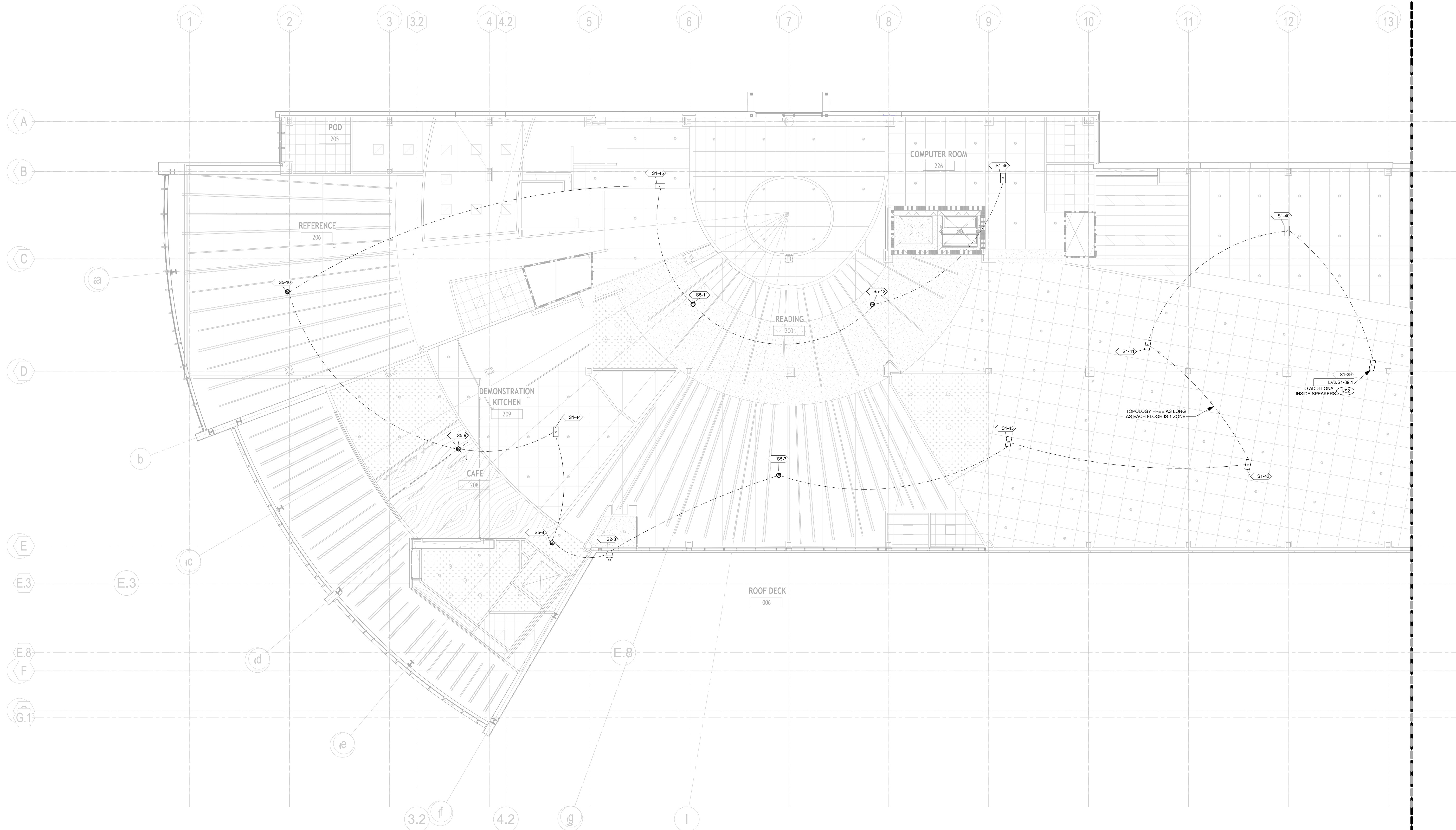
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2	SCHEMATIC DESIGN	10/25/24
3	DEMO PACKAGE PH 1	11/04/24
4	DESIGN DEVELOPMENT	02/21/25
5	AV COORDINATION	05/19/25
6	BID & PERMIT	10/03/25

**AV
1.145**



1 2ND FLOOR AREA A RCP - AV LOW VOLTAGE
1" = 10'-0"

SYMBOL LEGEND

MULTI-SYSTEMS

- TS-7 7" TOUCHSCREEN
QSC TSX-TU-03
QTY: (7)
- AV RACK 1-4
EWR-16-178D
QTY: (4)
- AV RACK 5
EWR-16-178D
QTY: (1)
- IT RACK
PROVIDED BY OTHERS
QTY: (1)
- OUTLET DUPLEX
QTY: (35)
- OUTLET QUADPLEX
QTY: (16)

AUDIO

- S1 152 LAY-IN SPEAKER
QUAM SYSTEM 6/VS
QTY: (52)
- S2 WALL MOUNTED SPEAKER (EXTERIOR)
QUAM SYSTEM 6/VS
QTY: (3)
- S3 6.5" 2-WAY IN-CEILING SPEAKER
QSC AC-01
QTY: (44)
- S4 WALL MOUNTED SPEAKER (INTERIOR)
QUAM SYSTEM 2
QTY: (2)
- S5 BEAM MOUNTED LOUPEAKER
QUAM 882
QTY: (12)
- CK-22 CEILING MICROPHONE
SHURE MXA20M-S
QTY: (5)
- ANT WIRELESS MIC ANTENNA
RT VALUE CLARK
QTY: (7)

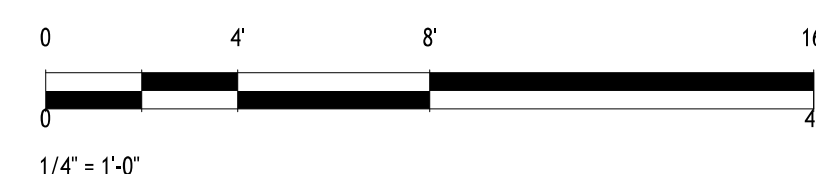
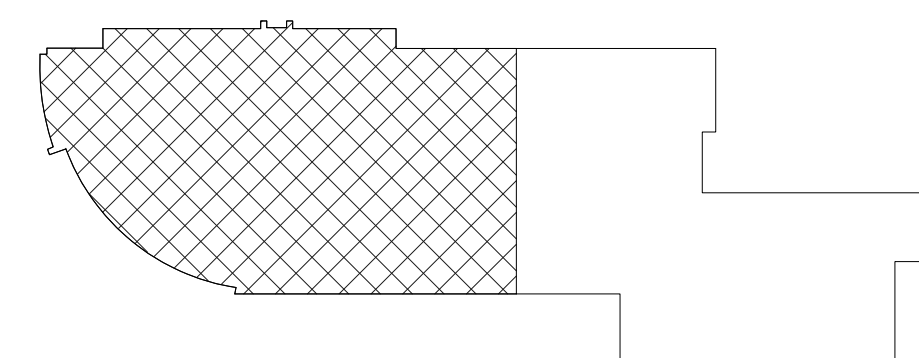
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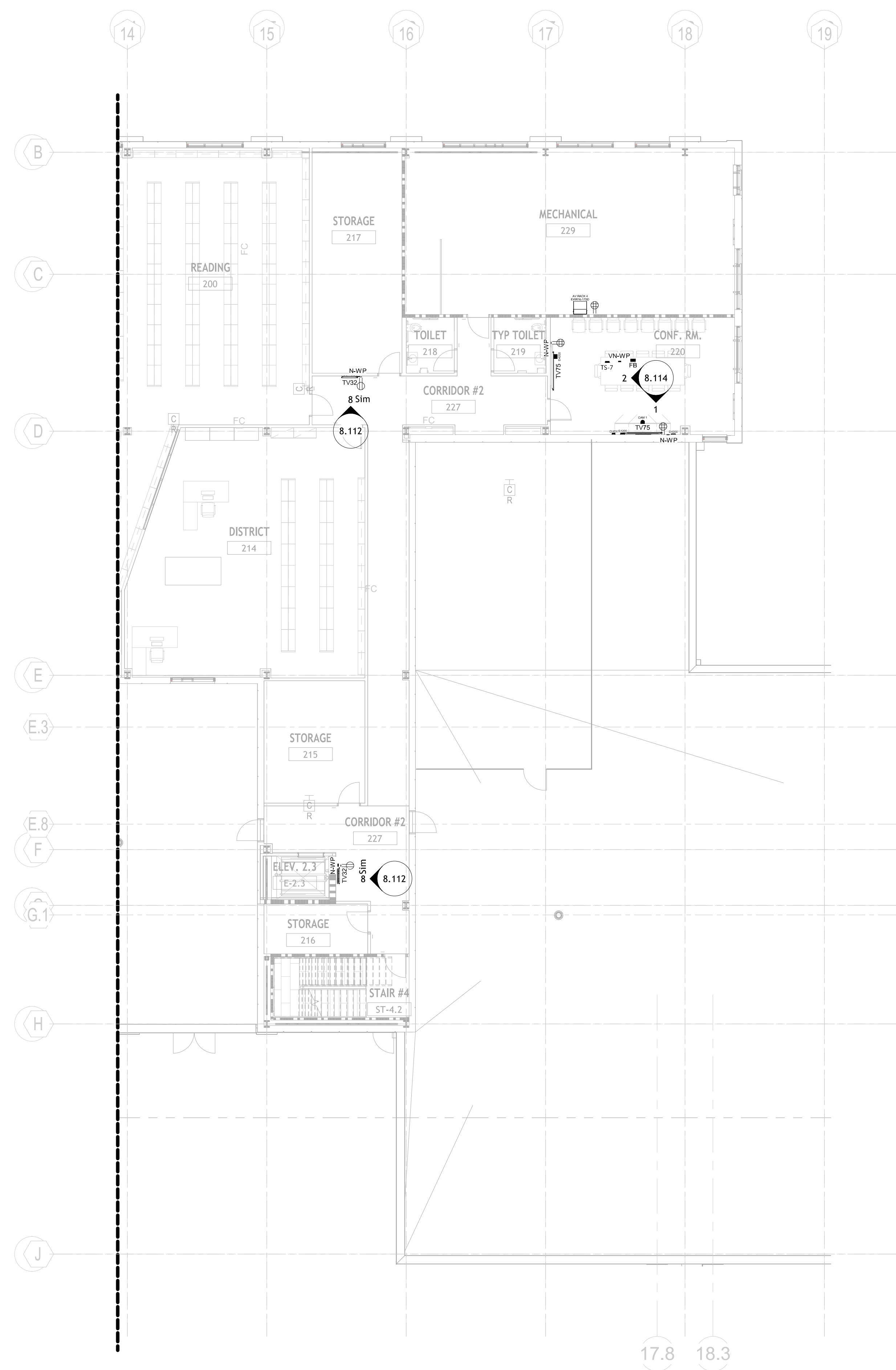
- CAM 1 CAMERA
QSC HC-1240
QTY: (5)
- CAM 2 CAMERA
HANNYA TECHWIN QND-8011
QTY: (1)
- TV58 86" TV
LG 86UR40C9UD
QTY: (7)
- TV75 75" TV
LG 75UR40C9UD
QTY: (11)
- TV90 90" TV
LG 90UR40C9UD
QTY: (9)
- TV49 49" TOUCH SCREEN DISPLAY
Pioneer UP49-1
QTY: (1)
- TV43 43" TV
LG 43UR40C9UD
QTY: (5)
- TV32 32" TV
LG 32UN40C9UD
QTY: (9)
- TVEX EXTERIOR TV SCREEN
HERMES-AV
QTY: (2)
- MOBILE TV MOBILE TV
CLEAR TOUCH 600K+
QTY: (2)
- VWP VIDEO WALL PLATE
E WALL PLATE
QTY: (21)
- VNWP VIDEO NETWORK WALL PLATE
E WALL PLATE
QTY: (7)
- NWP NETWORK WALL PLATE
E WALL PLATE
QTY: (19)
- FB FLOOR BOX
FSR FL-000 SERIES BOX
QTY: (8)
- CK-20 CLICK SHARE
QTY: (8)
- CK-21 CLICK SHARE
QTY: (8)
- ENCODER QSC AV-HW-E
QTY: (8)
- DECODER QSC AV-21-HU
QTY: (15)
- SEN SENSOR
EATON 13516-6514
QTY: (1)

GENERAL NOTES

- FOR TV MOUNTING DETAILS, SEE SHEETS AV 8.115.
- CENTER SPEAKERS IN CEILING TILES TO AVOID BAFFLE CONFLICTS.
- FOR SPEAKER MOUNTING DETAILS, SEE SHEETS AV 8.116.
- ALL SS ARE TO BE DROPPED DOWN FROM CEILINGS.
- ALL S1 & S3 ARE TO BE RECESSED INTO CEILING TILES.

KEY PLAN





SYMBOL LEGEND

MULTI-SYSTEMS

 TS-7	7" TOUCHSCREEN OSC TSC-70-G3 QTY: (7)
 AV RACK 1-4 EWR-16-17SD	AVL RACK EWR-16-17SD QTY: (4)
 AV RACK 5 EVR-16-17SD	AVL RACK (SMALL) MIDDLE ATLANTIC DR-QTY: (1)
 IT RACK	IT RACK PROVIDED BY OTHERS QTY: (1)
	OUTLET DUPLEX QTY: (35)
	OUTLET QUADPLEX QTY: (16)

AUDIO

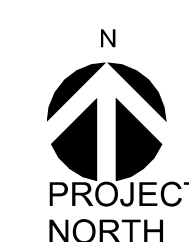
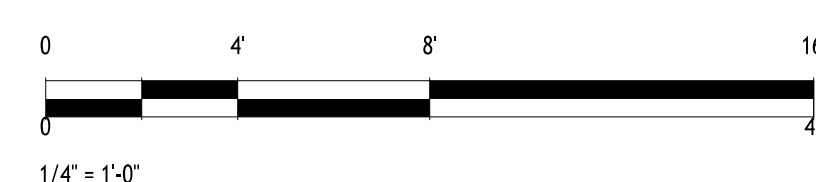
	DOOR/SLAM SPEAKER QUAM SYSTEM 6 QTY: (32)
	WALL MOUNTED SPEAKER (EXTERIOR) QUAM SYSTEM 6/VP5 QTY: (3)
	6.5" 2-WAY IN-CEILING SPEAKER QSC AG-CST QTY: (44)
	WALL MOUNTED SPEAKER (INTERIOR) QUAM SYSTEM 2 QTY: (2)
	BEAM MOUNTED LOUDSPEAKER QUAM B52 QTY: (12)
	CEILING MICROPHONE SHURE MXA902W-3 QTY: (5)
	WIRELESS MC ANTENNA RF VENUE D-ARC QTY: (3)
	

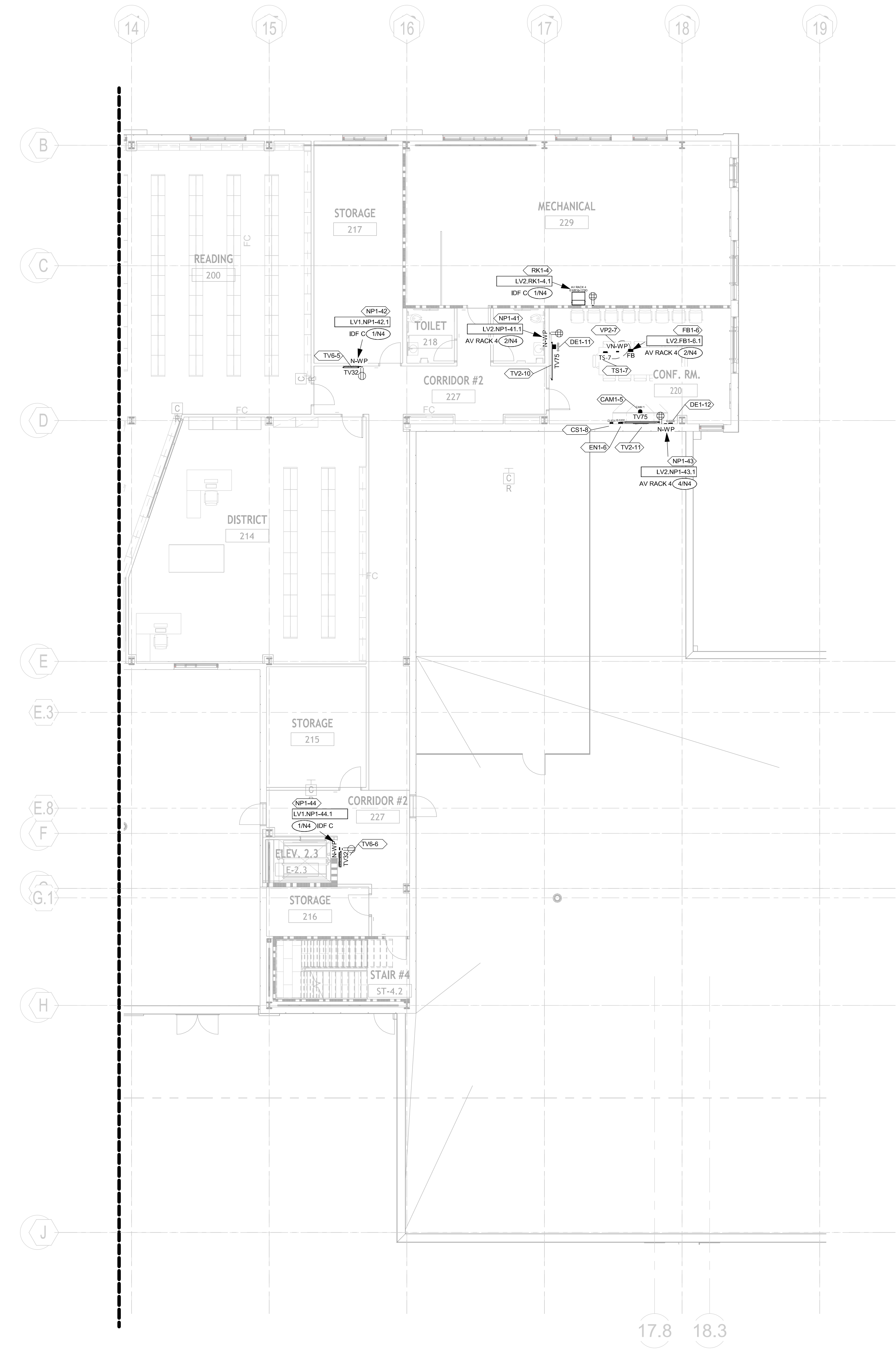
VIDEO

	CAMERA QSC MC-1240 QTY: (5)
	CAMERA HANWHA TECHWIN QND-8011 QTY: (5)
	65" TV LG 65UR8ACGRUQ QTY: (7)
	75" TV LG 75UR8ACGRUQ QTY: (11)
	50" TV LG 50UR8ACGRUQ QTY: (9)
	49" TOUCH SCREEN DISPLAY PERI URW47-1 QTY: (5)
	43" TV LG 43UR8ACGRUQ QTY: (5)
	32" TV LG 32UR8ACGRUQ QTY: (8)
	EXTERIOR TV SCREEN PERI URW47-1 QTY: (2)
	MOBILE TV CLAM TOUCH 600K+ QTY: (2)
	VIDEO WALL PLATE F-WALL PLATE QTY: (21)
	VIDEO NETWORK WALL PLATE F-WALL PLATE QTY: (7)
	NETWORK WALL PLATE F-WALL PLATE QTY: (7)
	FLOOR BOX FSR R-1000 SERIES BOX QTY: (8)
	CLICK SHARE CX-20 QTY: (8)
	ENCODER QSC IN-144WE QTY: (5)
	DECODER QSC NO-214J QTY: (2)
	SENSOR ASTOR 135T-6514 QTY: (1)

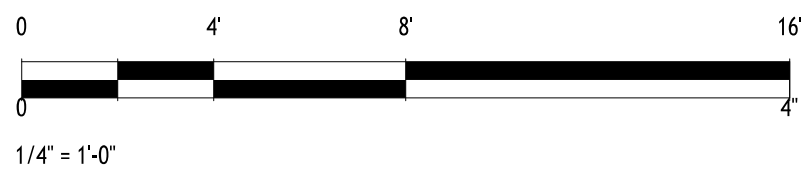
GENERAL NOTES

FOR TV MOUNTING DETAILS, SEE SHEETS AV 8.115,
CENTER SPEAKERS IN CEILING TILES TO AVOID BAFFLE
CONFLICTS.
FOR SPEAKER MOUNTING DETAILS, SEE SHEETS AV 8.116
ALL S5 ARE TO BE DROPPED DOWN FROM CEILINGS.
ALL S1 & S3 ARE TO BE RECESSED INTO CEILING TILES.





1 2ND FLR AREA B - AV FLOOR PLAN LOW VOLTAGE
1" = 10'-0"



SYMBOL LEGEND

MULTI-SYSTEMS

	7-TOUCHSCREEN QSC 150-TU-03 QTY: (7)
	AV RACK 1-4 EWR-16-1780 QTY: (4)
	AV RACK 5 EWR-16-1780 QTY: (1)
	AV RACK (SMALL) MEDEA ATLANTIC DR-8 QTY: (1)
	IT RACK PROVIDED BY OTHERS QTY: (1)
	OUTLET DUPLEX QTY: (35)
	OUTLET QUADPLEX QTY: (16)

AUDIO

	1/2 LAY-IN SPEAKER QUAM SYSTEM 6/VS QTY: (52)
	WALL MOUNTED SPEAKER (EXTERIOR) QUAM SYSTEM 6/VS QTY: (3)
	6.5\"/>
	WALL MOUNTED SPEAKER (INTERIOR) QUAM SYSTEM 2 QTY: (2)
	BEAM MOUNTED LOUDSPEAKER QUAM B82 QTY: (2)
	CEILING MICROPHONE SHURE MXA200W-S QTY: (5)
	WIRELESS MIC ANTENNA RT VIBRUE CLARK QTY: (7)

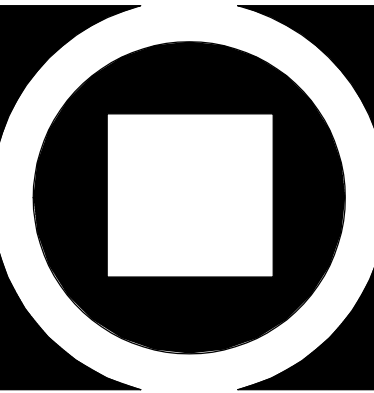
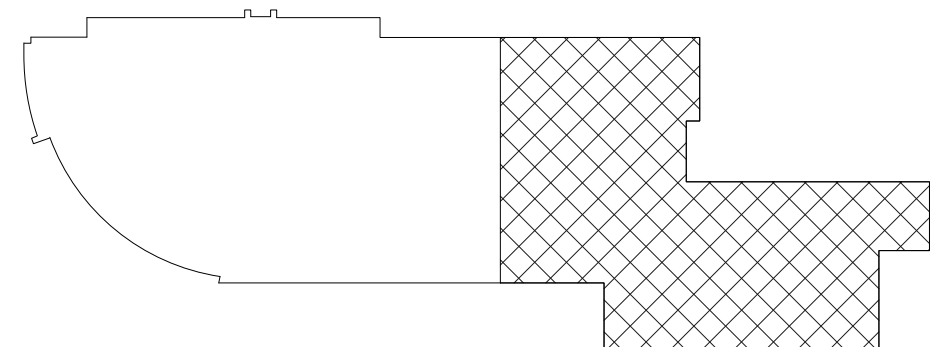
VIDEO

	CAMERA QSC HC-1240 QTY: (5)
	CAMERA HANNYIA TECHWIN QND-8011 QTY: (1)
	86\"/>
	75\"/>
	50\"/>
	49\"/>
	43\"/>
	32\"/>
	EXTERIOR TV SCREEN HERNERS-AV QTY: (2)
	MOBILE TV CLEAR TOUCH 600K+ QTY: (2)
	VIDEO WALL PLATE E WALL PLATE QTY: (21)
	VIDEO NETWORK WALL PLATE E WALL PLATE QTY: (7)
	NETWORK WALL PLATE E WALL PLATE QTY: (19)
	FLOOR BOX FSR FLOOR SERIES BOX QTY: (6)
	CLICK SHARE CK-2P QTY: (6)
	ENCODER QSC AV-HW-E QTY: (6)
	DECODER QSC NV-21-HJ QTY: (15)
	SENSOR EATON 13516-6514 QTY: (1)

GENERAL NOTES

FOR TV MOUNTING DETAILS, SEE SHEETS AV 8.115.
CENTER SPEAKERS IN CEILING TILES TO AVOID BAFFLE
CONFLICTS.
FOR SPEAKER MOUNTING DETAILS, SEE SHEETS AV 8.116.
ALL S3 ARE TO BE DROPPED DOWN FROM CEILINGS.
ALL S1 & S3 ARE TO BE RECESSED INTO CEILING TILES.

KEY PLAN



KIMMEL BOGRETTE
Architecture + Site
482 Norristown Rd., Suite 200
Blue Bell PA 19322
Phone 610.634.7855
Fax 610.634.7855
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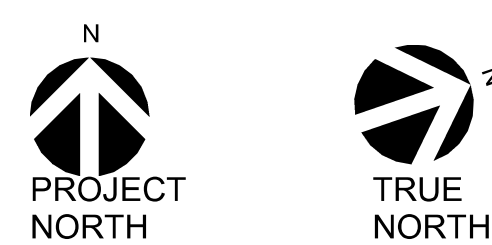
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SCALE: AS NOTED

NO.	DESCRIPTION	DATE
1	DEMO PACKAGE	07/03/24
2	SCHEMATIC DESIGN	10/25/24
3	DEMO PACKAGE PH 1	11/04/24
4	DESIGN DEVELOPMENT	02/21/25
5	AV COORDINATION	05/19/25
6	BID & PERMIT	10/03/25

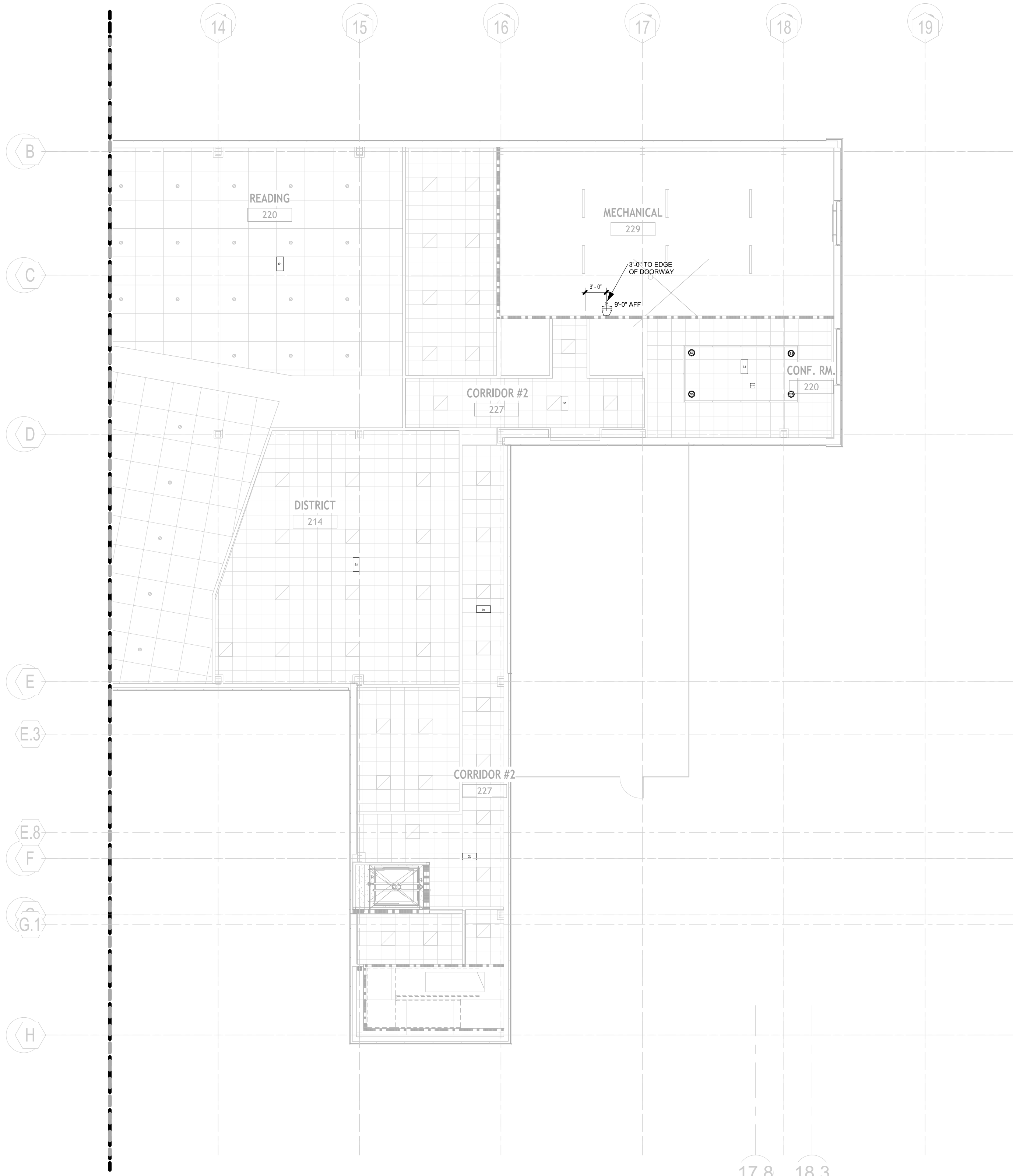
**AV
1.152**



FOR TV MOUNTING DETAILS, SEE SHEETS AV 8.115.
CENTER SPEAKERS IN CEILING TILES TO AVOID BAFFLE
CONFLICTS.
FOR SPEAKER MOUNTING DETAILS, SEE SHEETS AV 8.116.
ALL S5 ARE TO BE DROPPED DOWN FROM CEILINGS.
ALL S1 & S3 ARE TO BE RECESSED INTO CEILING TILES.

LINE VOLTAGE PLAN - 2ND FLR AREA B		
NO.	DESCRIPTION	DATE
1	DEMO PACKAGE	07/03/24
2	SCHEMATIC DESIGN	10/25/24
3	DEMO PACKAGE PH 1	11/04/24
4	DESIGN DEVELOPMENT	02/21/25
5	AV COORDINATION	05/19/25
6	BID & PERMIT	10/03/25

AV
1.153



1 2ND FLR AREA B - AV RCP DEVICE LAYOUT
1" = 10'-0"

SYMBOL LEGEND

MULTI-SYSTEMS

- TS-7 7" TOUCHSCREEN QSC TSX-TU-03 QTY: (7)
- AV RACK 1-4 EWR-16-1750 QTY: (6)
- AV RACK 5 EWR-16-1750 QTY: (1)
- AV RACK (SMALL) MIDDLE ATLANTIC DR-8 QTY: (1)
- IT RACK PROVIDED BY OTHERS QTY: (1)
- OUTLET DUPLEX QTY: (35)
- OUTLET QUADPLEX QTY: (16)

AUDIO

- S1 152 LAY-IN SPEAKER QUAM SYSTEM QTY: (52)
- S2 WALL MOUNTED SPEAKER (EXTERIOR) QUAM SYSTEM 6/VS QTY: (3)
- S3 6.5" 2-WAY IN-CEILING SPEAKER QSC AC-CR QTY: (44)
- S4 WALL MOUNTED SPEAKER (INTERIOR) QUAM SYSTEM 2 QTY: (2)
- S5 BEAM MOUNTED LOUPEAKER QUAM B82 QTY: (2)
- CK-22 CEILING MICROPHONE SHURE MXA20W-S QTY: (5)
- ANT WIRELESS MIC ANTENNA RT VALUE CLARK QTY: (7)

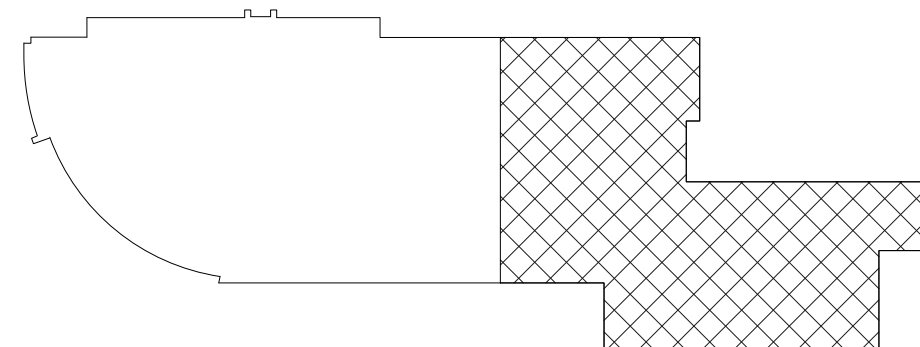
VIDEO

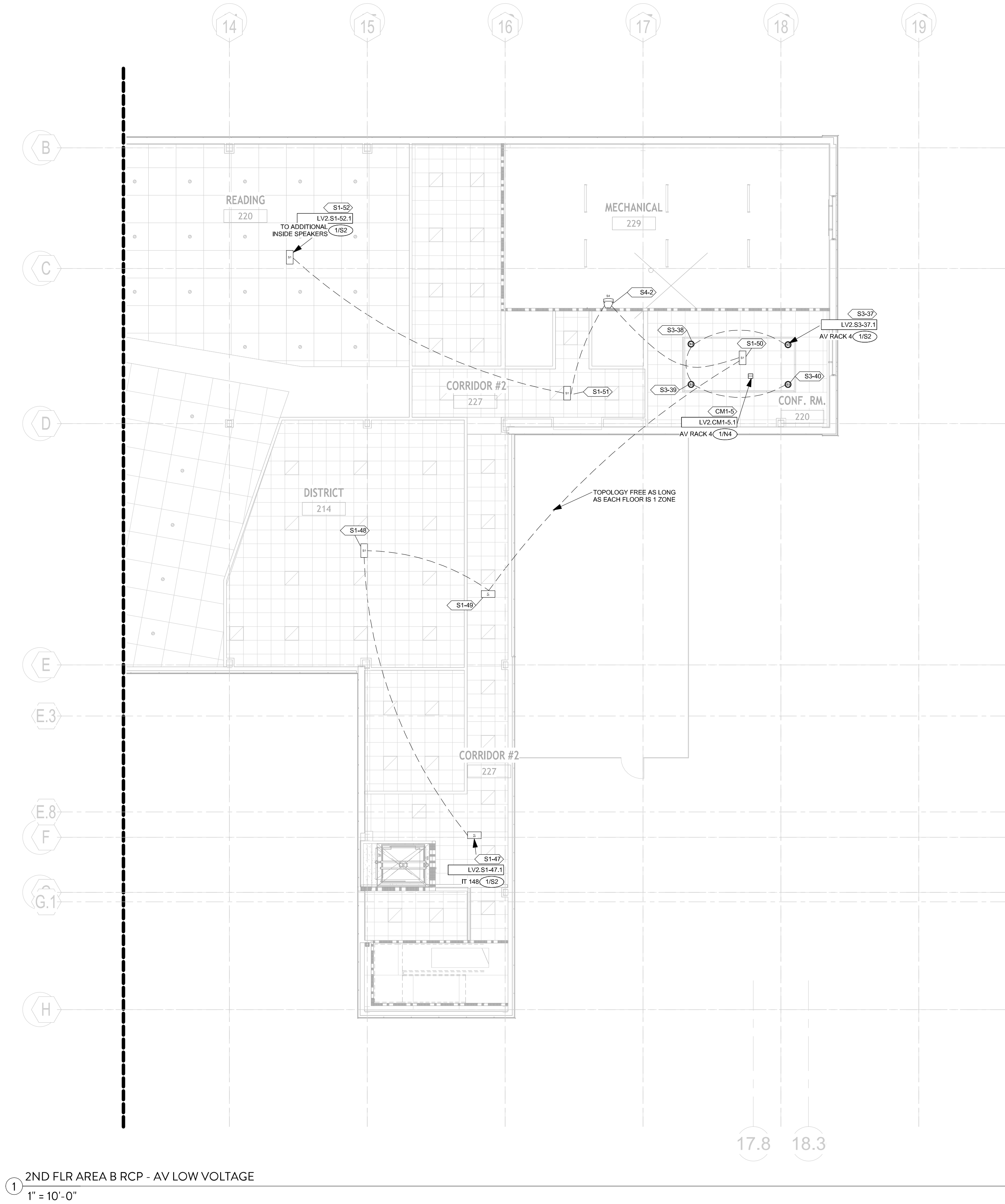
- CAM 1 CAMERA QSC HC-1240 QTY: (5)
- CAM 2 CAMERA HANNAH TECHWIN QND-8011 QTY: (1)
- TV88 88" TV LG 65UR80C9UD QTY: (7)
- TV75 75" TV LG 65UR80C9UD QTY: (11)
- TV50 50" TV LG 65UR80C9UD QTY: (9)
- TV49 49" TOUCH SCREEN DISPLAY Pimax UP49-1 QTY: (1)
- TV43 43" TV LG 65UR80C9UD QTY: (5)
- TV32 32" TV LG 55NANUC9UD QTY: (9)
- TVEX EXTERIOR TV SCREEN PERKINS-AV QTY: (2)
- MOBILE TV MOBILE TV CLEAR TOUCH 600K+ QTY: (2)
- VWP VIDEO WALL PLATE E WALL PLATE QTY: (21)
- VNW-WP VIDEO NETWORK WALL PLATE QTY: (7)
- NWP NETWORK WALL PLATE E WALL PLATE QTY: (19)
- FB FLOOR BOX FSR FLOOR SERIES BOX QTY: (8)
- CLICK SHARE QTY: (8)
- CLICK QTY: (8)
- ENCODER QSC NV-HWE QTY: (8)
- DECODER QSC NV-21-HJ QTY: (15)
- SEN SENSOR EATON 1301E-6014 QTY: (1)

GENERAL NOTES

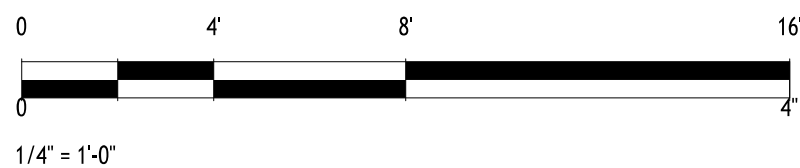
FOR TV MOUNTING DETAILS, SEE SHEETS AV 8.115.
CENTER SPEAKERS IN CEILING TILES TO AVOID BAFFLE CONFLICTS.
FOR SPEAKER MOUNTING DETAILS, SEE SHEETS AV 8.116.
ALL S1 ARE TO BE DROPPED DOWN FROM CEILINGS.
ALL S1 & S3 ARE TO BE RECESSED INTO CEILING TILES.

KEY PLAN





1 2ND FLR AREA B RCP - AV LOW VOLTAGE
1" = 10'-0"



SYMBOL LEGEND

MULTI-SYSTEMS

- TS-7 7" TOUCHSCREEN QSC TSX-TU-03 QTY: (7)
- AV RACK 1-4 EWR-16-1780 QTY: (6)
- AV RACK 5 EWR-16-1780 QTY: (1)
- IT RACK PROVIDED BY OTHERS QTY: (1)
- OUTLET DUPLEX QTY: (35)
- OUTLET QUADPLEX QTY: (16)
- AV RACK (SMALL) MIDDLE ATLANTIC DR-8 QTY: (1)
- AV RACK EWA-16-1780 QTY: (6)
- AV RACK 4 1082 QTY: (1)

AUDIO

- S1 152 LAY-IN SPEAKER QUAM SYSTEM 1 QTY: (52)
- S2 WALL MOUNTED SPEAKER (EXTERIOR) QUAM SYSTEM 2 QTY: (2)
- S3 6.5" 2-WAY IN-CEILING SPEAKER QSC AC-CR7 QTY: (44)
- S4 WALL MOUNTED SPEAKER (INTERIOR) QUAM SYSTEM 2 QTY: (2)
- S5 BEAM MOUNTED LOUPEAKER QUAM B82 QTY: (2)
- CK-22 CEILING MICROPHONE SHURE MXA200W-S QTY: (5)
- ANT WIRELESS MIC ANTENNA RT-VISUE-CA-RC QTY: (7)

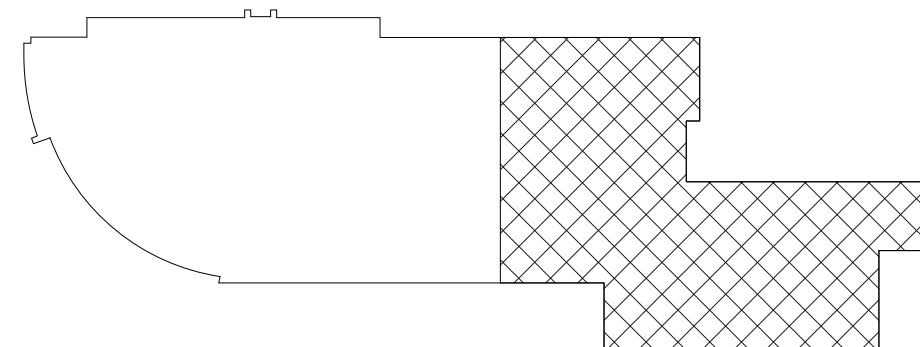
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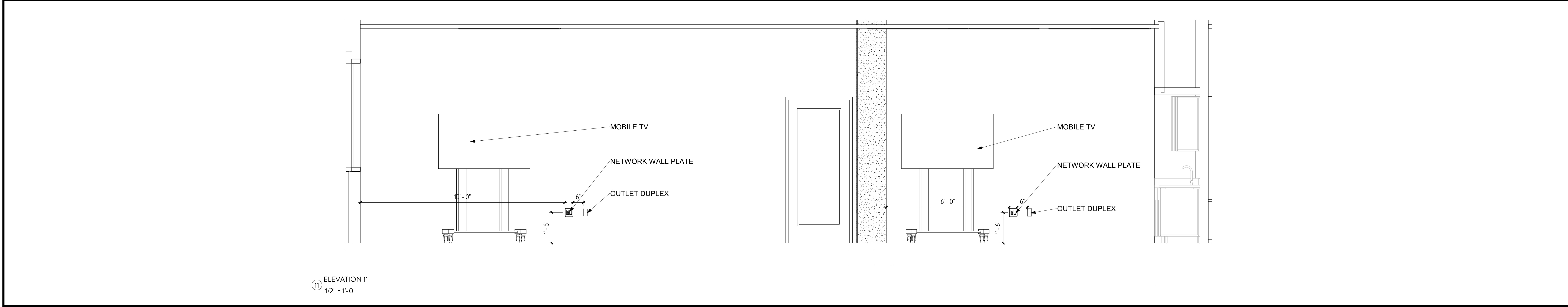
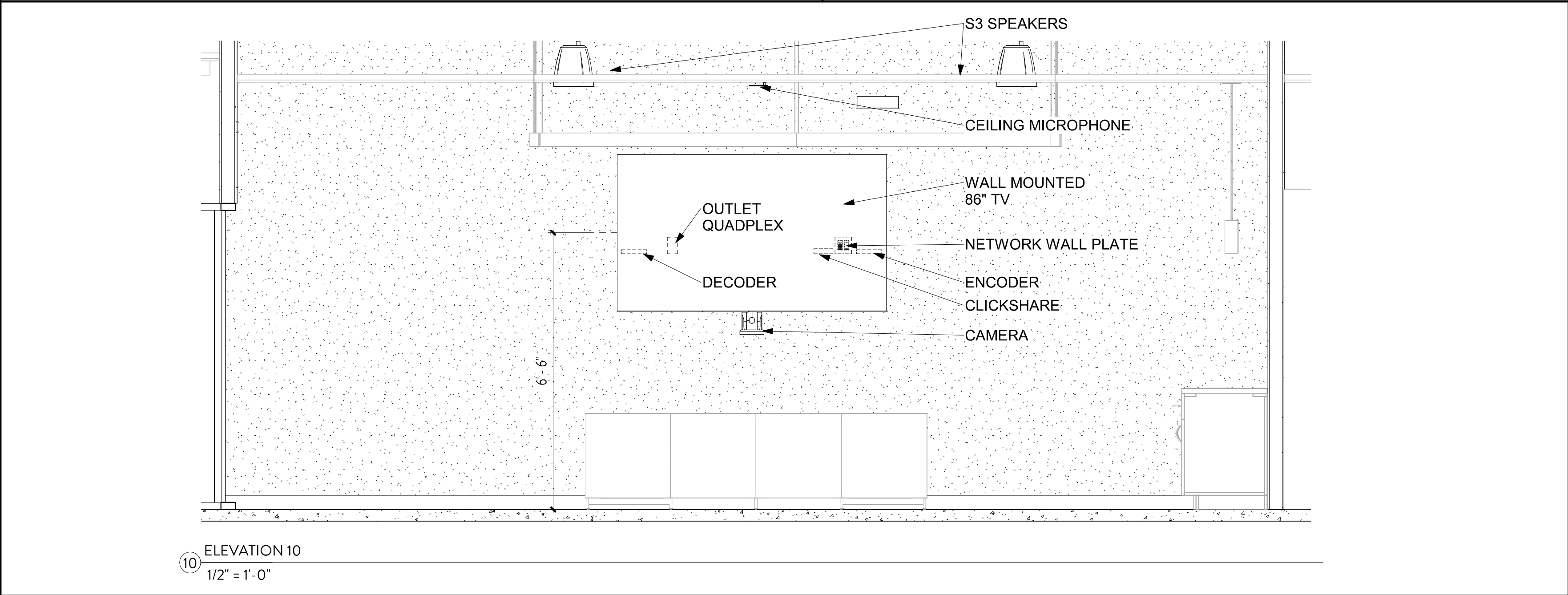
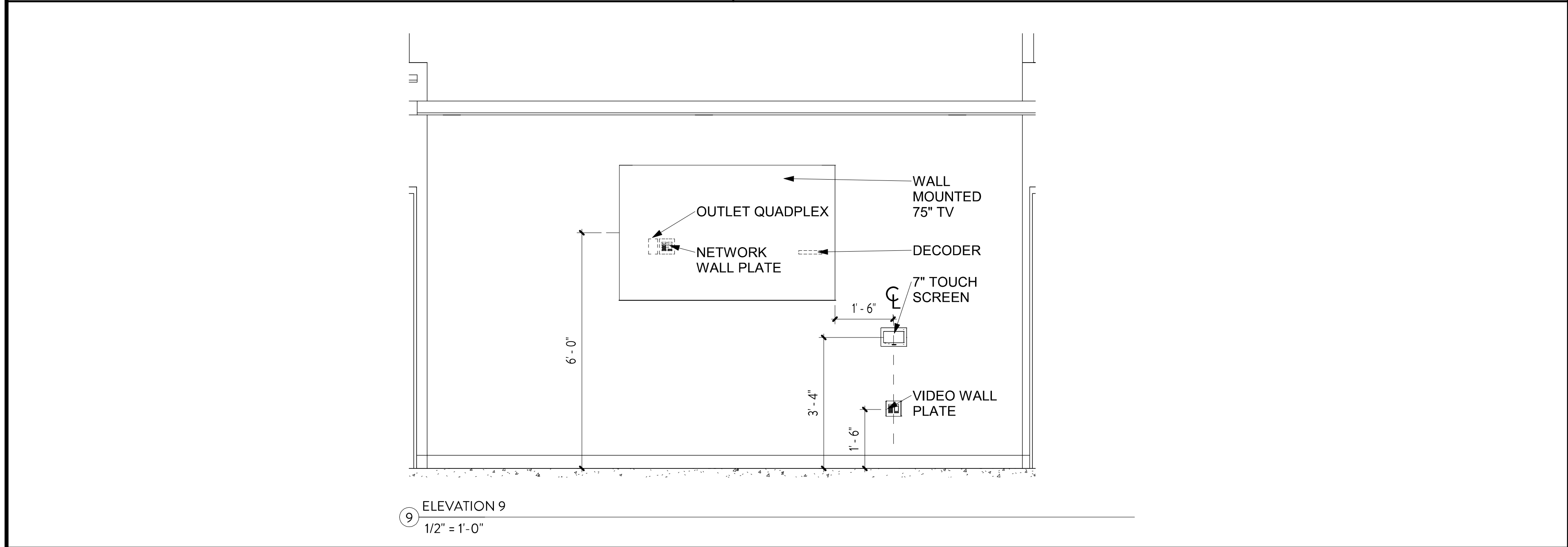
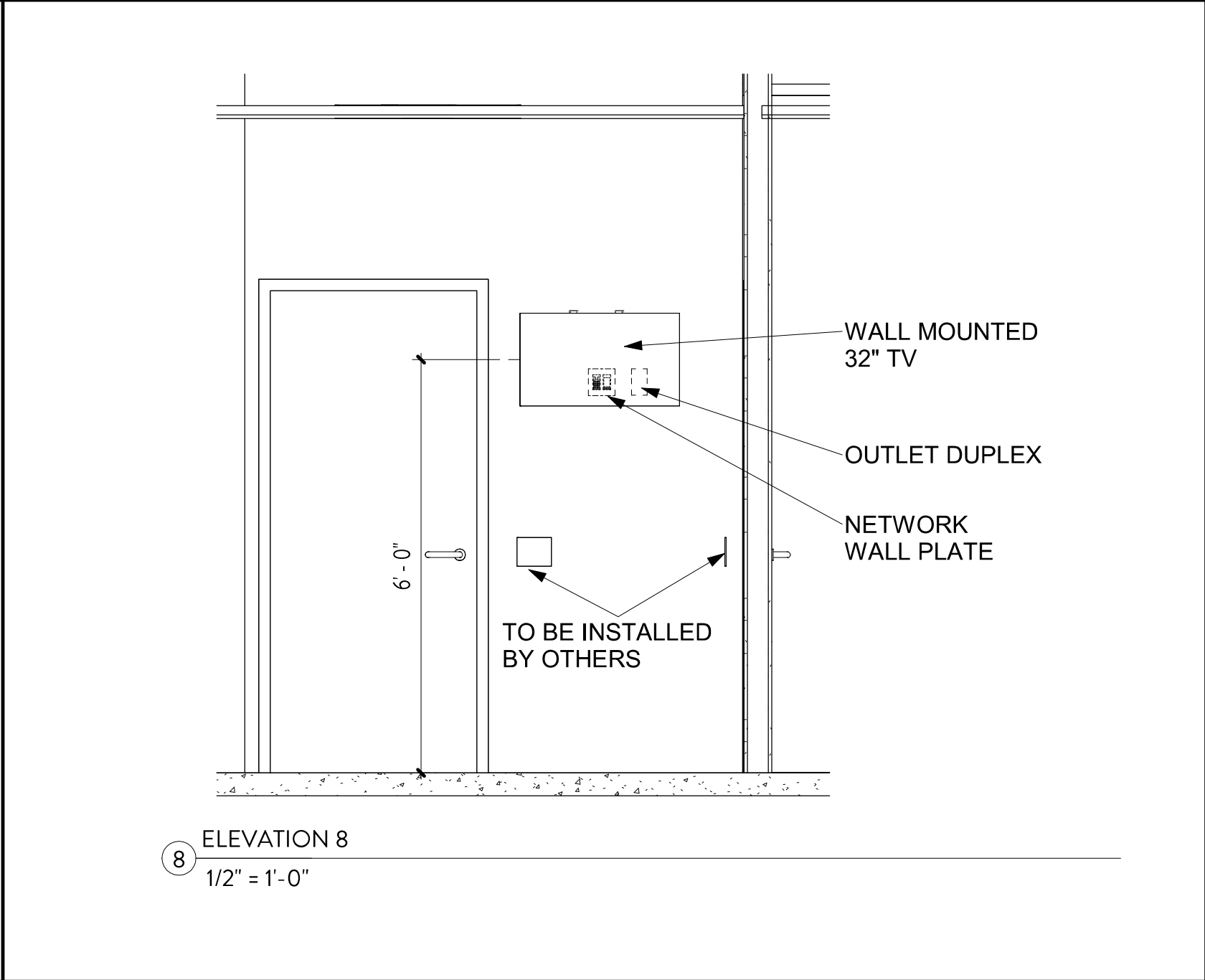
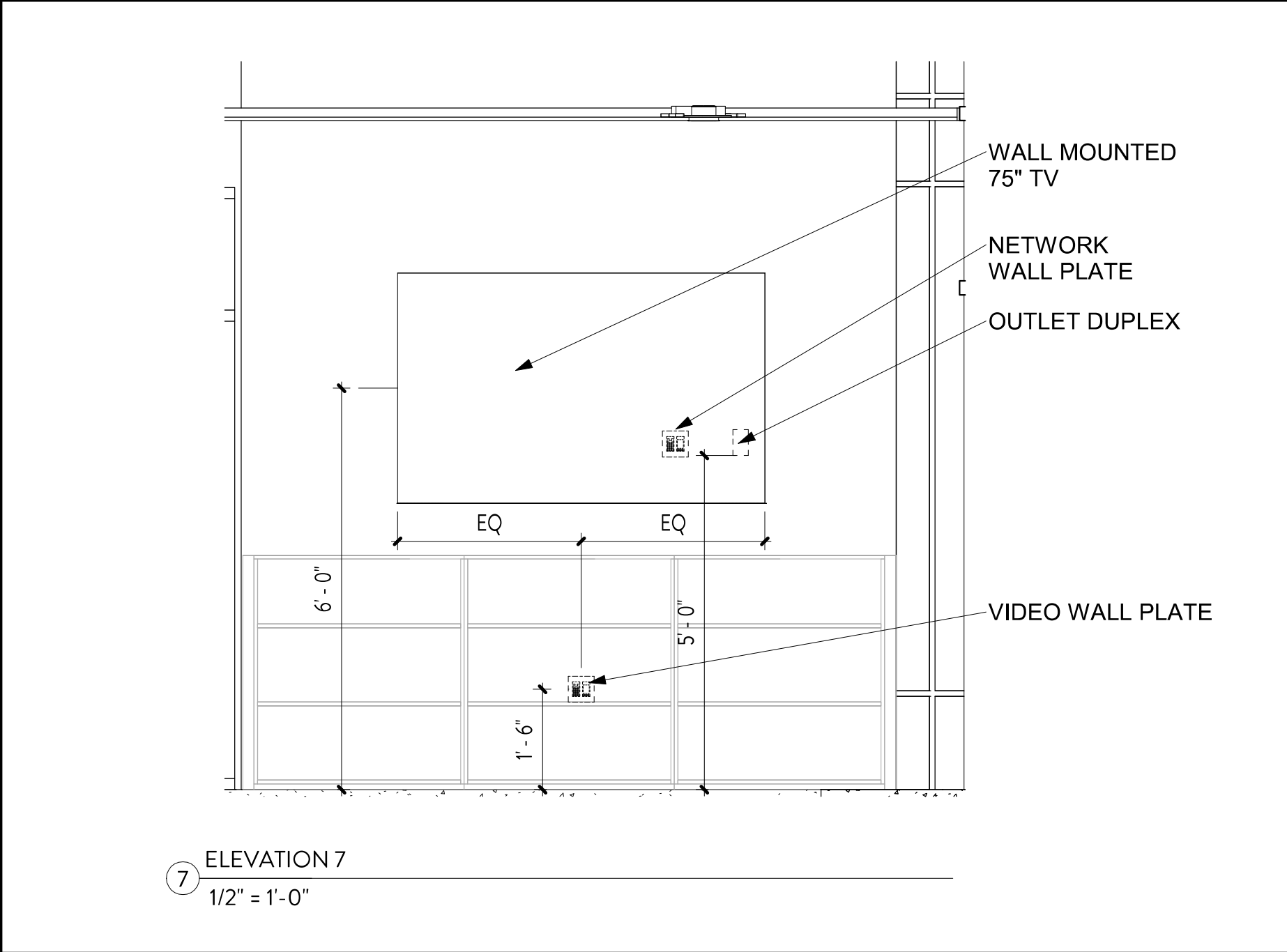
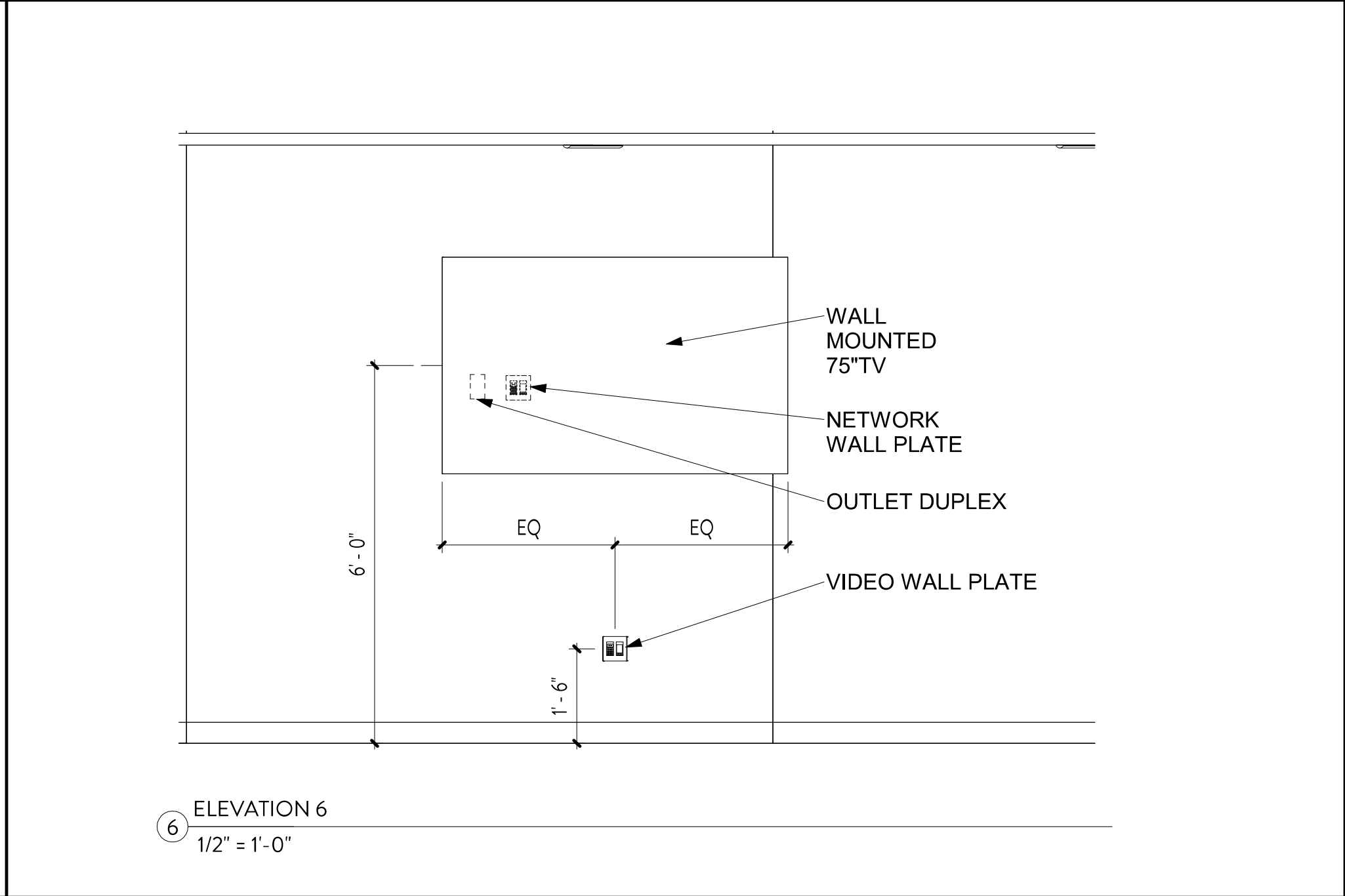
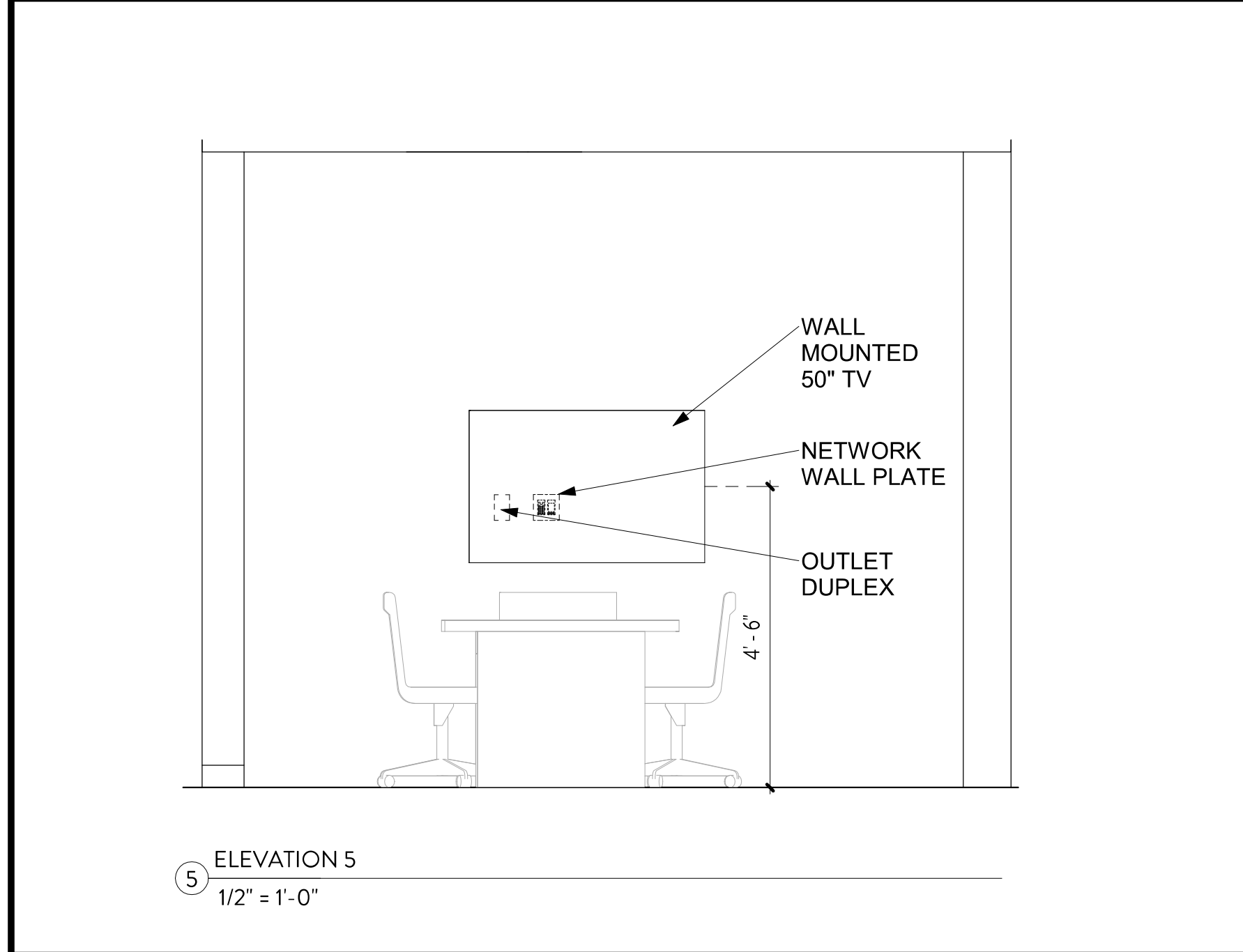
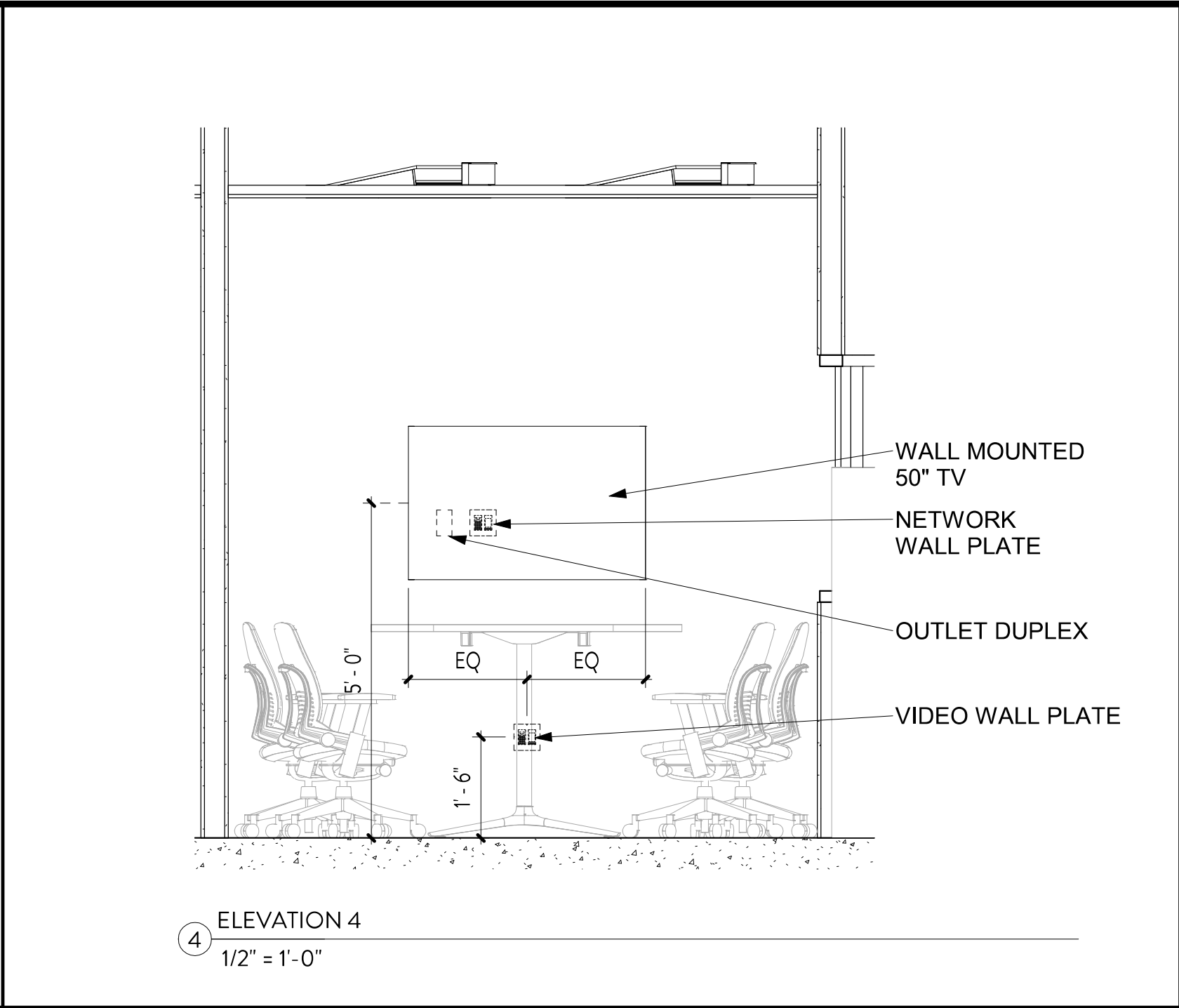
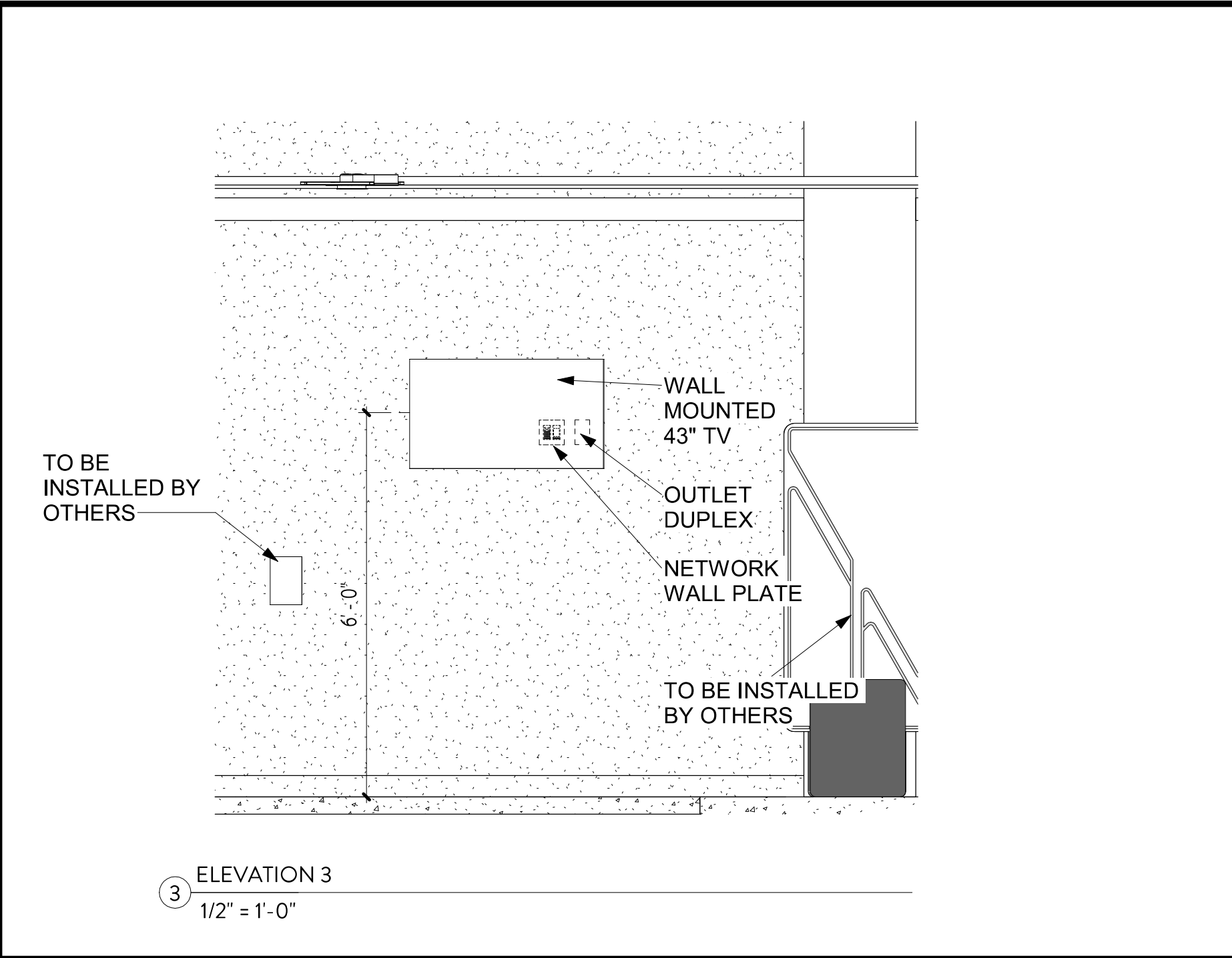
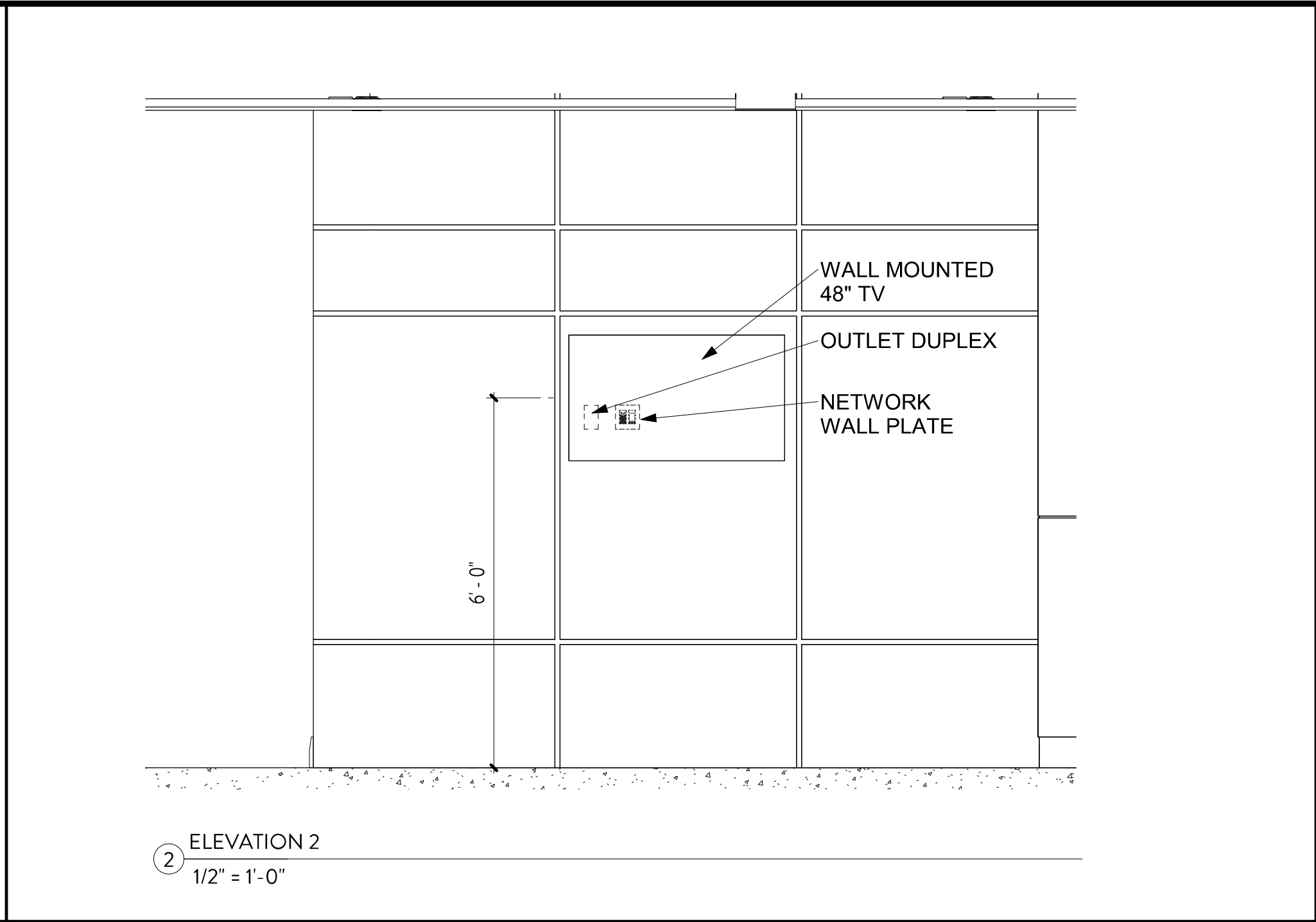
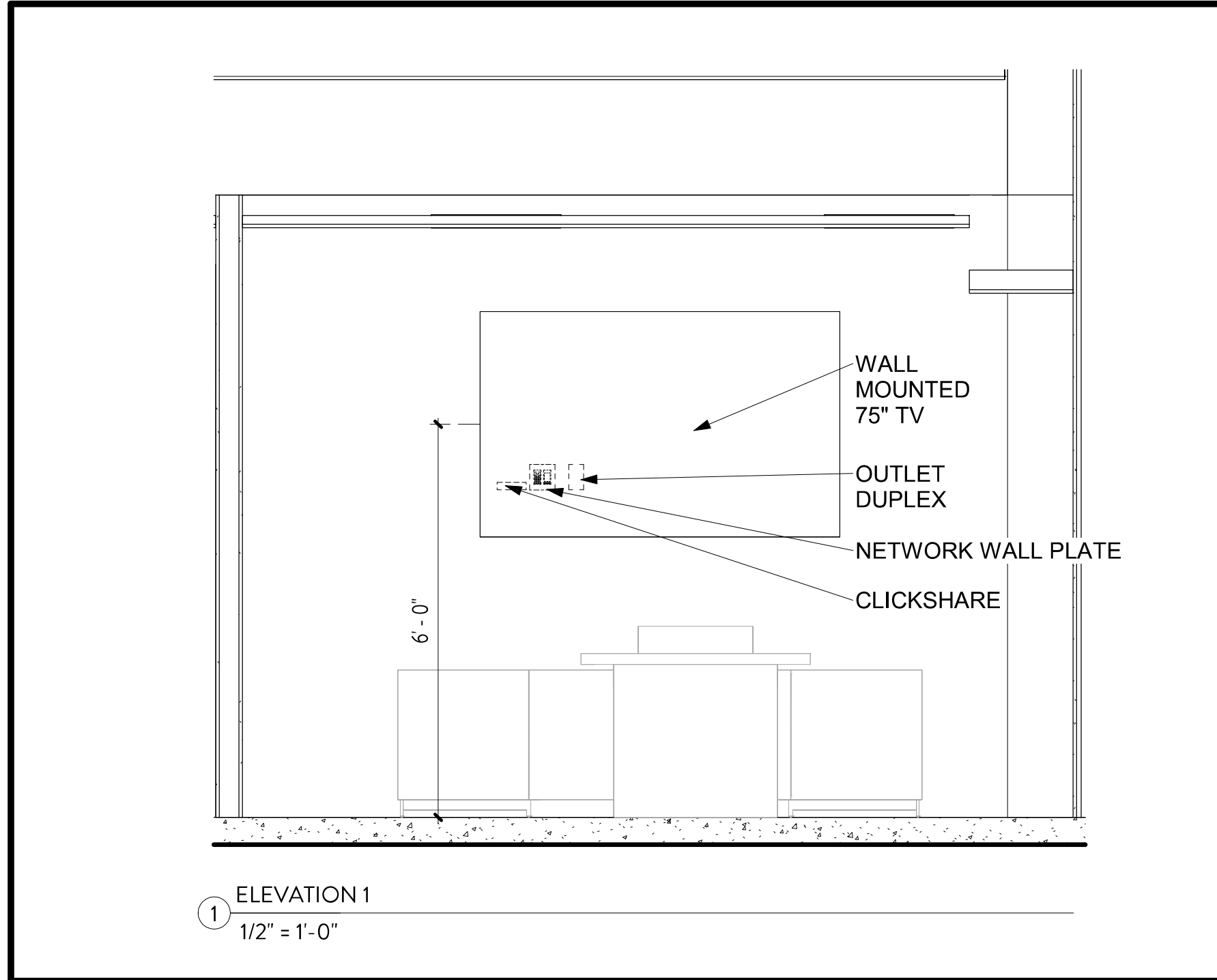
- CAM 1 CAMERA QSC HC-240 QTY: (5)
- CAM 2 CAMERA HANNA TECHWIN QND-8011 QTY: (1)
- TV86 86" TV LG 86UR40C9UD QTY: (7)
- TV75 75" TV LG 75UR40C9UD QTY: (11)
- TV60 60" TV LG 60UR40C9UD QTY: (9)
- TV49 49" TOUCH SCREEN DISPLAY Pimax UP49-1 QTY: (2)
- TV43 43" TV LG 43UR40C9UD QTY: (5)
- TV32 32" TV LG 32UR40C9UD QTY: (9)
- TVEX EXTERIOR TV SCREEN KERNES-AV QTY: (2)
- MOBILE TV MOBILE TV CLEAR TOUCH 600K+ QTY: (2)
- VWP VIDEO WALL PLATE E WALL PLATE QTY: (21)
- VNW-WP VIDEO NETWORK WALL PLATE E WALL PLATE QTY: (7)
- NWP NETWORK WALL PLATE E WALL PLATE QTY: (19)
- FB FLOOR BOX FSR FLOOR SERIES BOX QTY: (6)
- CLKR SHAR CLKR SHAR QTY: (6)
- CLKR CLKR QTY: (6)
- ENCODER QSC NV-10-HWE QTY: (6)
- DECODER QSC NV-21-HU QTY: (15)
- SEN SENSOR EATON 1351E-6514 QTY: (1)

GENERAL NOTES

FOR TV MOUNTING DETAILS, SEE SHEETS AV 8.115.
CENTER SPEAKERS IN CEILING TILES TO AVOID BAFFLE CONFLICTS.
FOR SPEAKER MOUNTING DETAILS, SEE SHEETS AV 8.116.
ALL S1 ARE TO BE DROPPED DOWN FROM CEILINGS.
ALL S1 & S3 ARE TO BE RECESSED INTO CEILING TILES.

KEY PLAN





KIMMEL BOGRETTE

Architecture + Site

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Blue Bell PA 19322
Phone 610.634.7865
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CONSTRUCTION
ISSUE DATE: 1/28/2025

DRAWN BY: VN

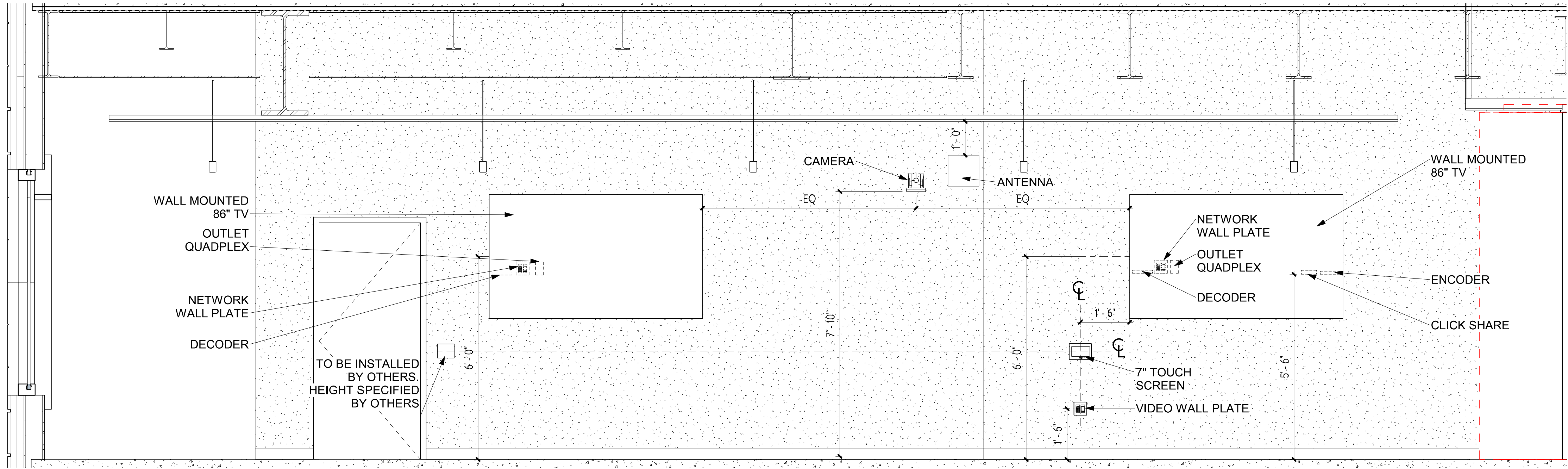
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SCALE: AS NOTED

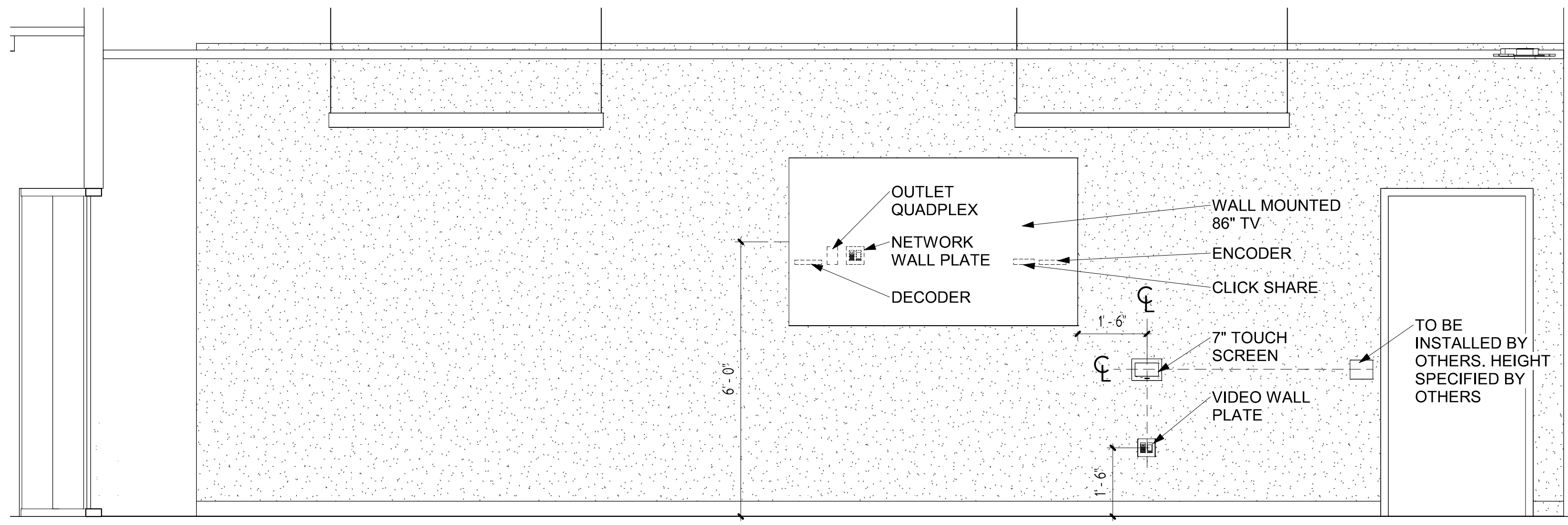
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	NO.	DESCRIPTION	DATE
	1	DEMO PACKAGE	07/03/24
	2	SCHEMATIC DESIGN	10/25/24
	3	DEMO PACKAGE PH 1	11/04/24
	4	DESIGN DEVELOPMENT	02/21/25
	5	AV COORDINATION	05/19/25
	6	BID & PERMIT	10/03/25

AV

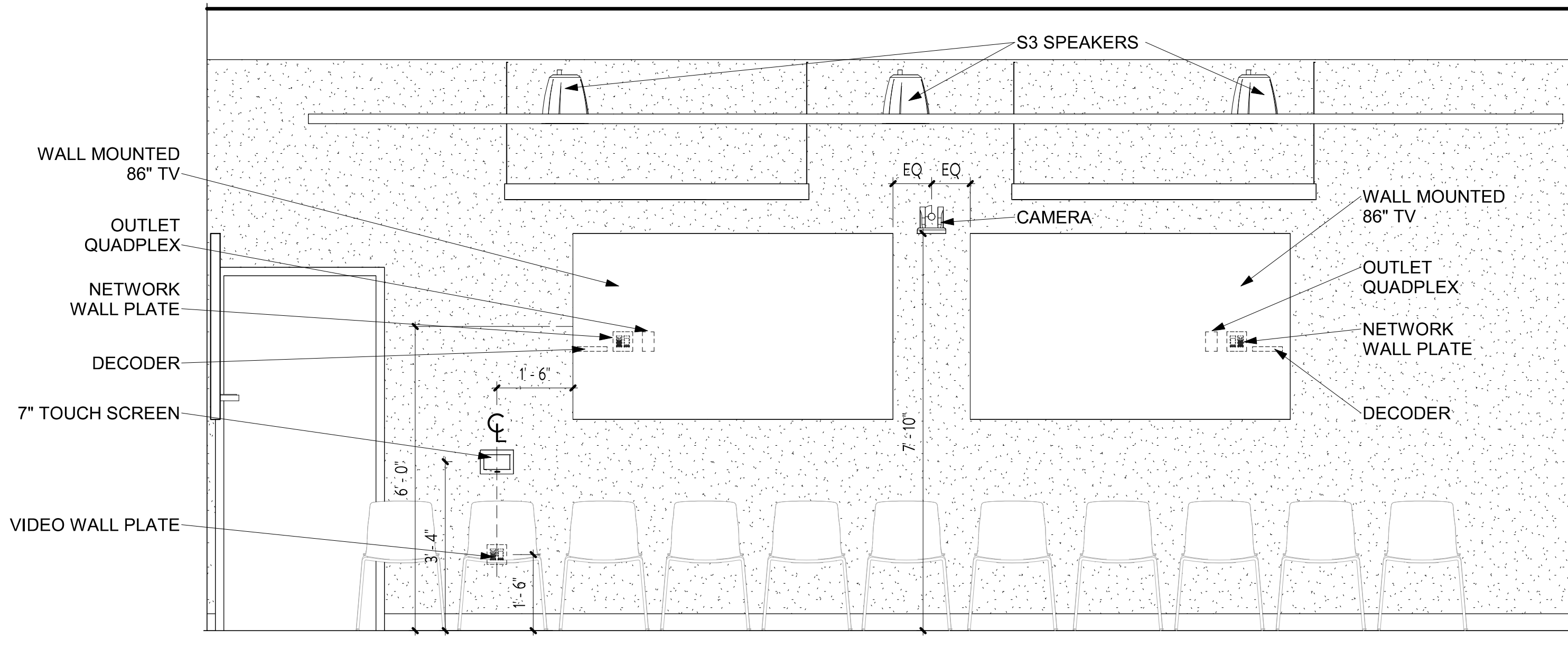
8.112



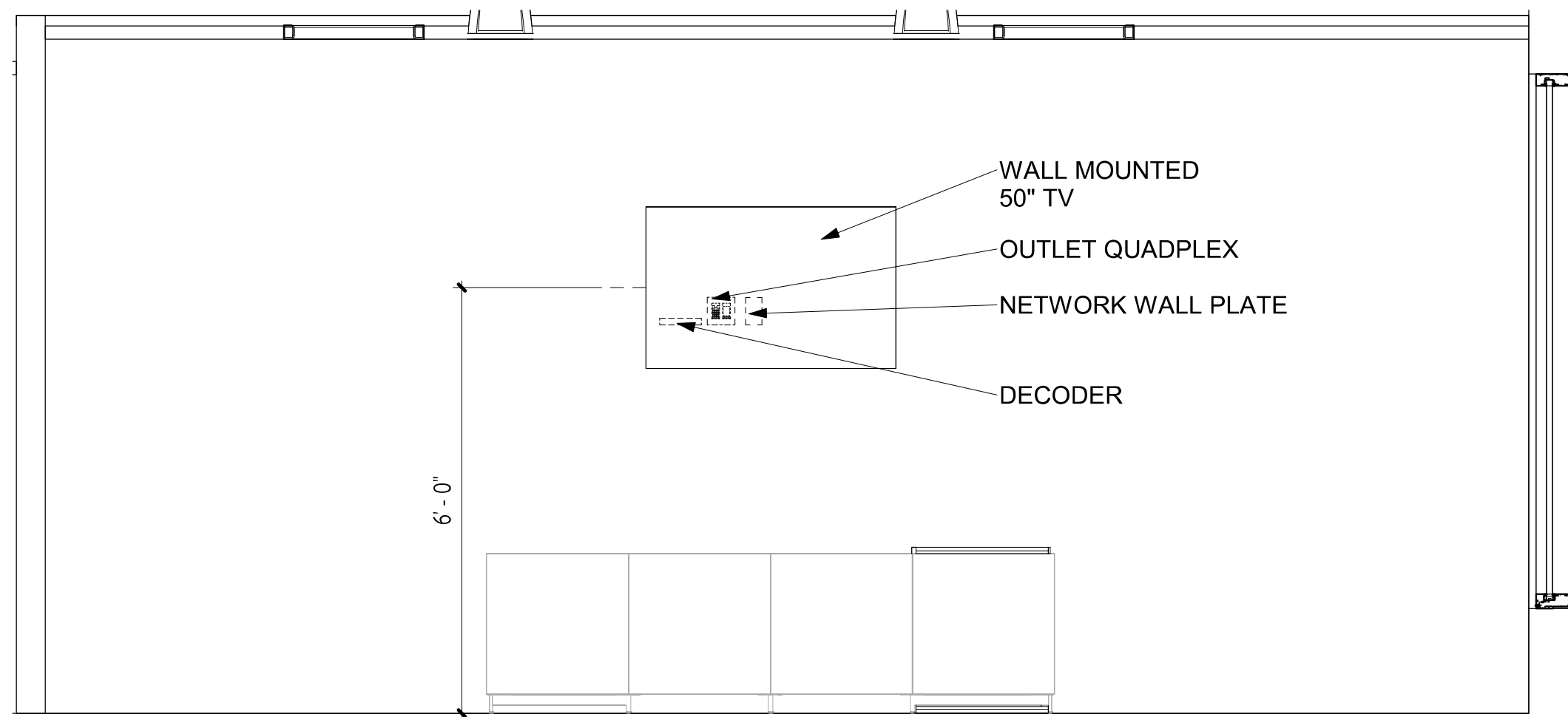
1 ELEVATION 12
1/2" = 1'-0"



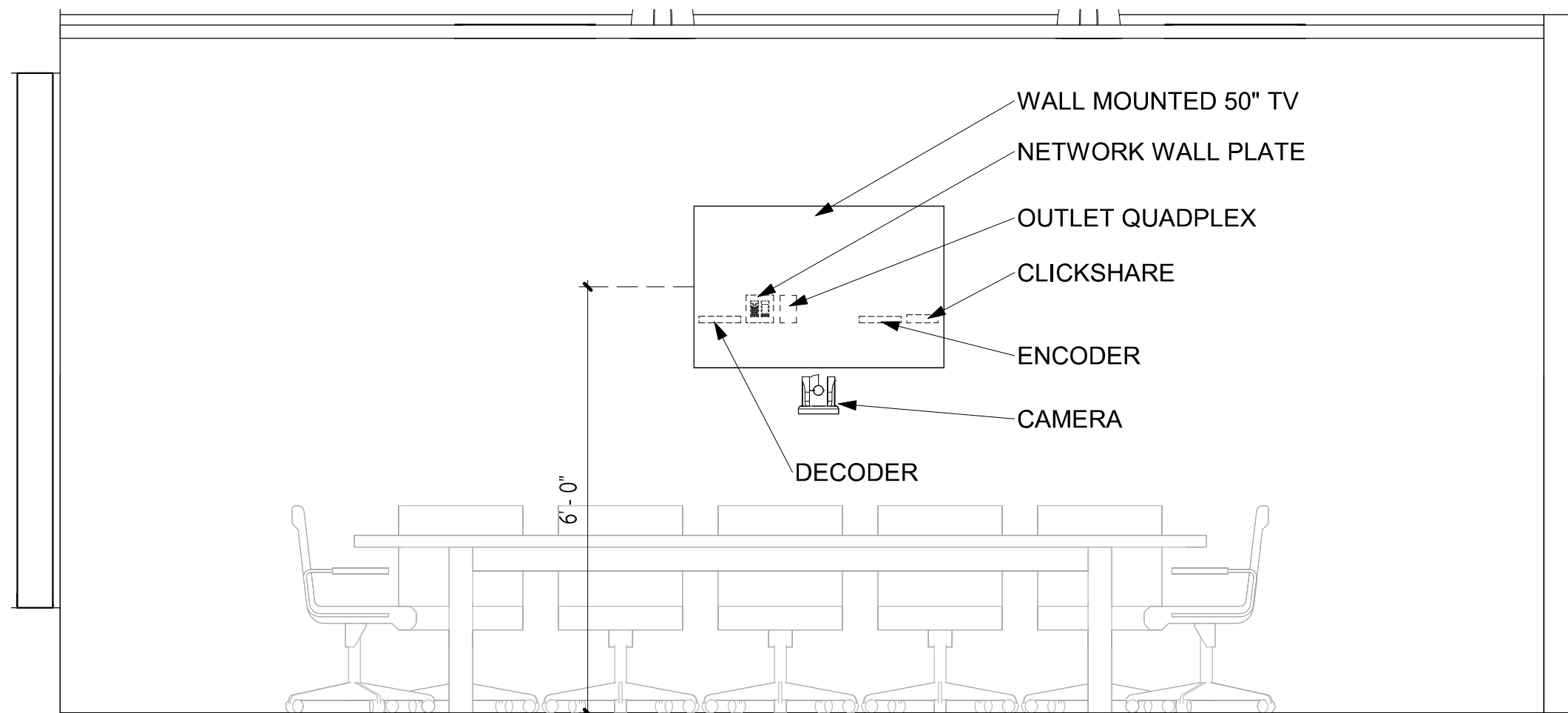
2 ELEVATION 13
1/2" = 1'-0"



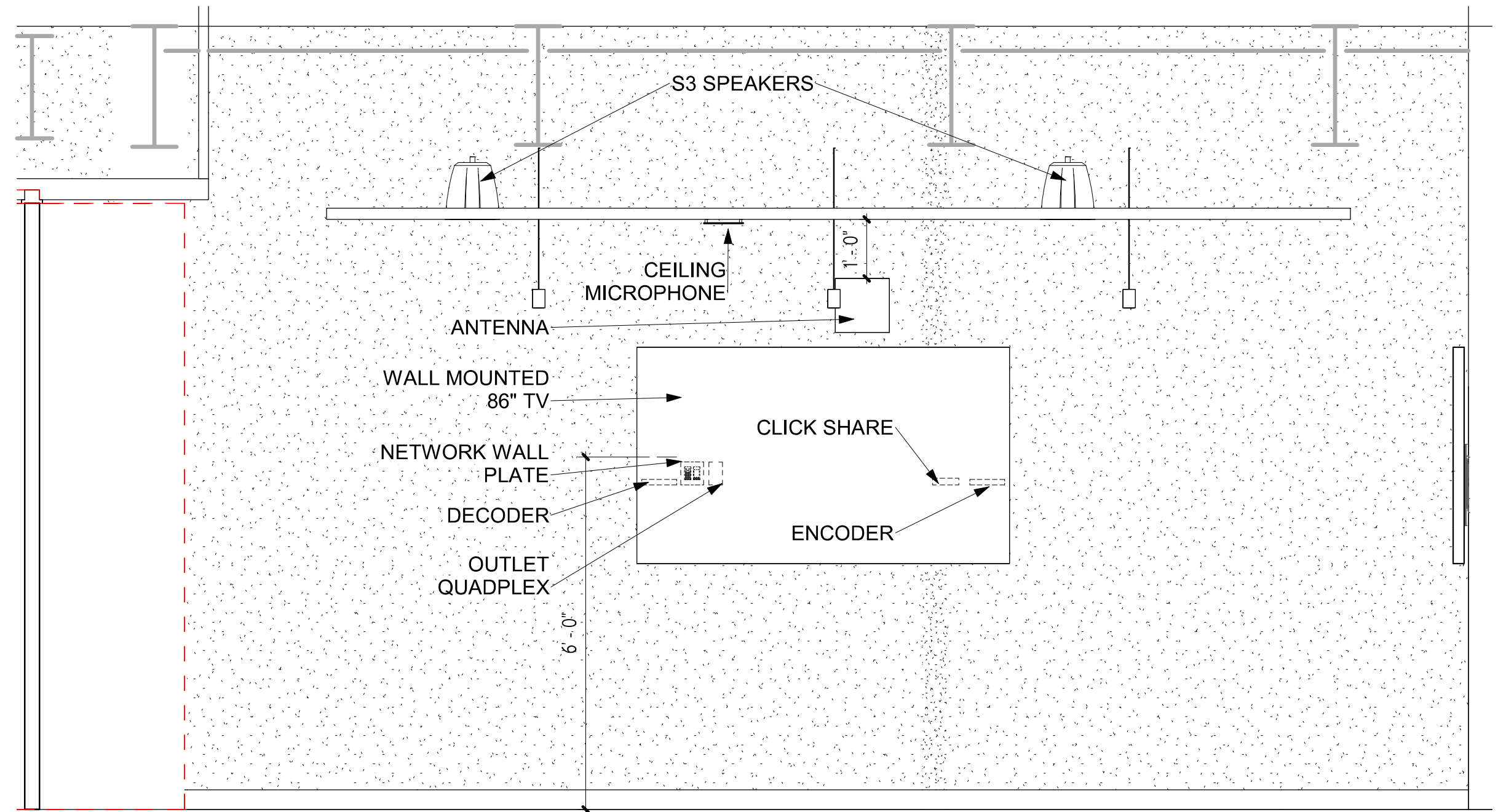
3 ELEVATION 14
1/2" = 1'-0"



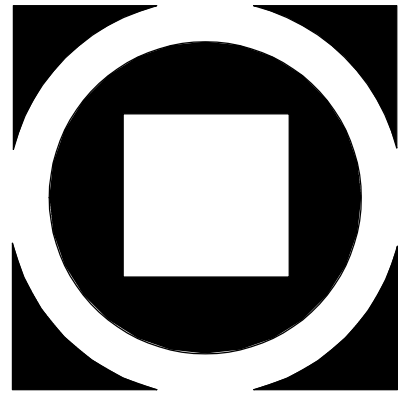
5 ELEVATION 16
1/2" = 1'-0"



6 ELEVATION 17
1/2" = 1'-0"



4 ELEVATION 15
1/2" = 1'-0"



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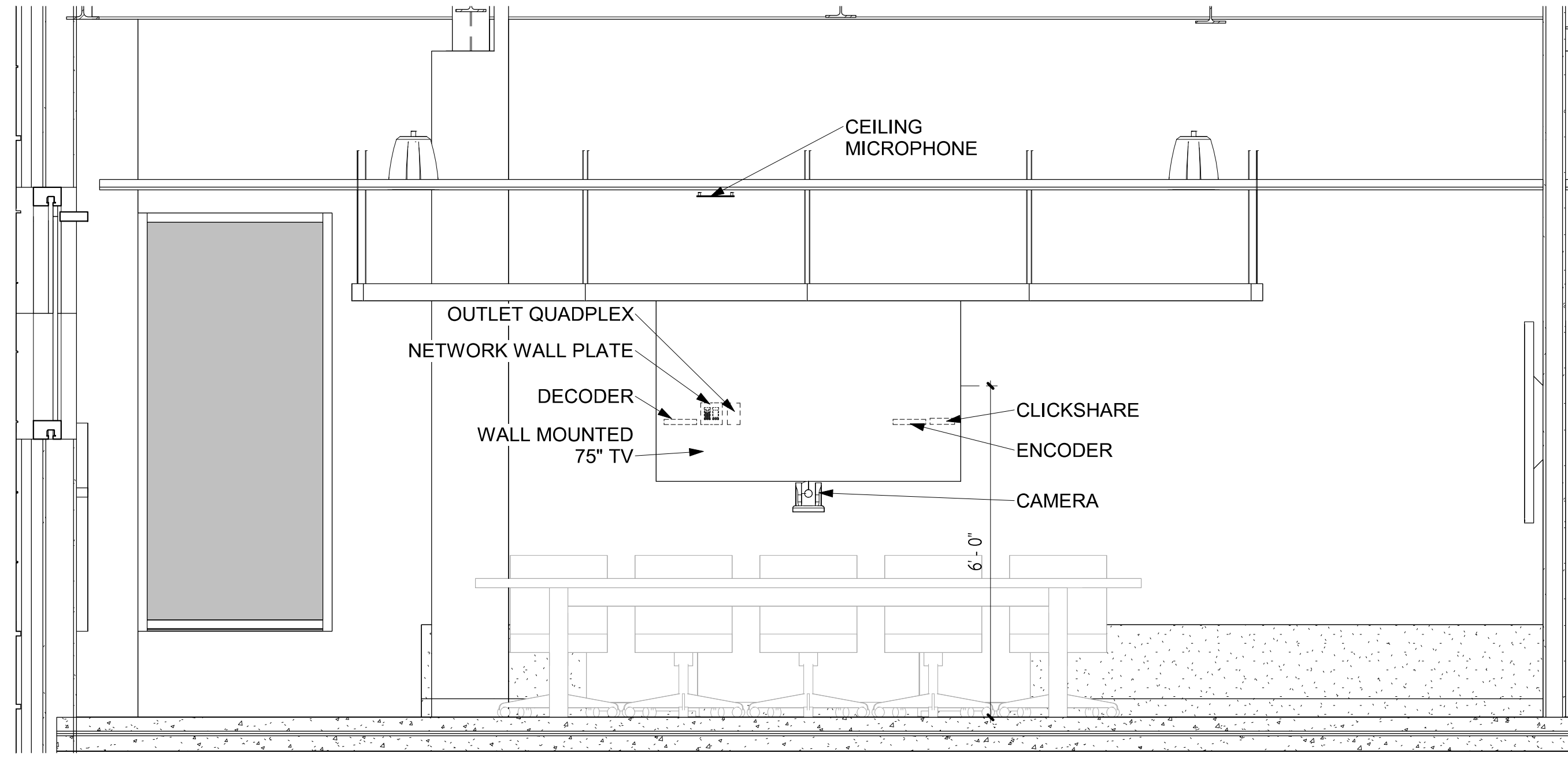
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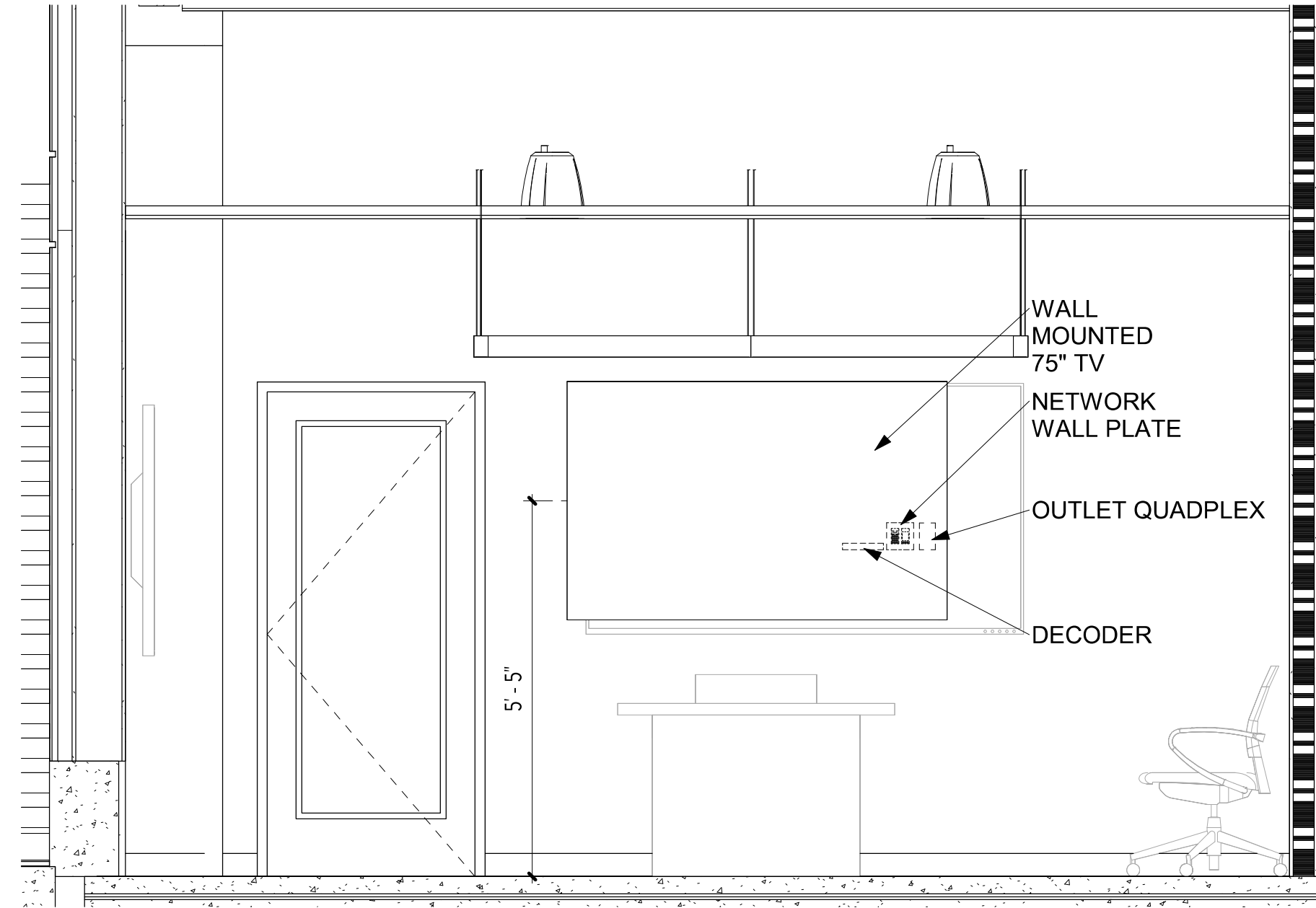
CONSTRUCTION
ISSUE DATE: 1/28/2025
DRAWN BY: VN
CHECKED BY: BSM
SCALE: AS NOTED

ELEVATIONS	NO.	DESCRIPTION	DATE
1	DEMO PACKAGE	07/03/24	
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4	DESIGN DEVELOPMENT	02/21/25	
5	AV COORDINATION	05/19/25	
6	BID & PERMIT	10/03/25	

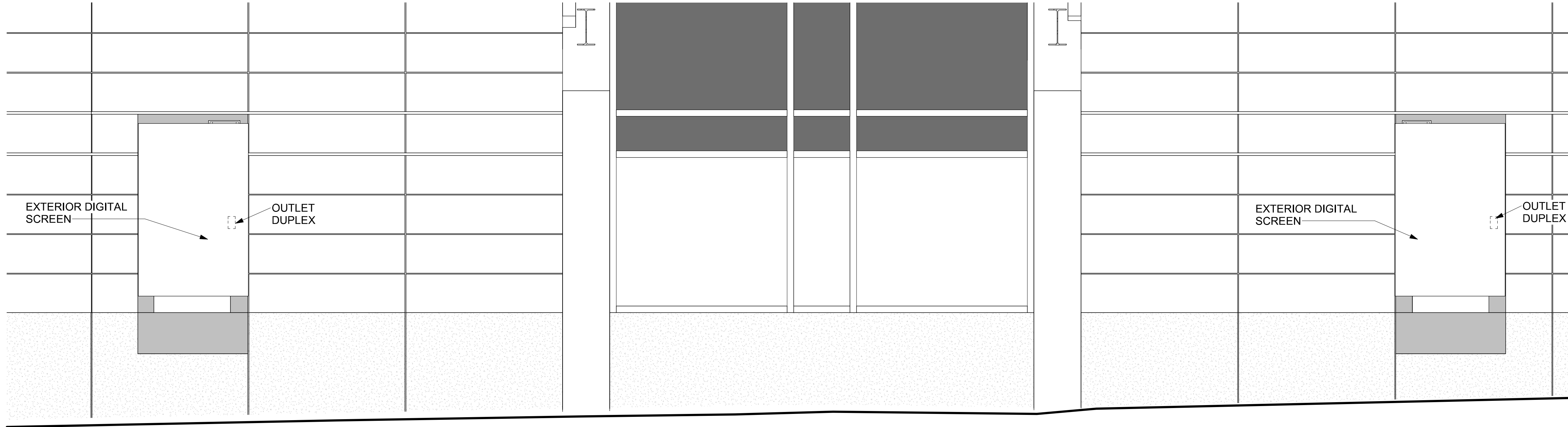
**AV
8.113**



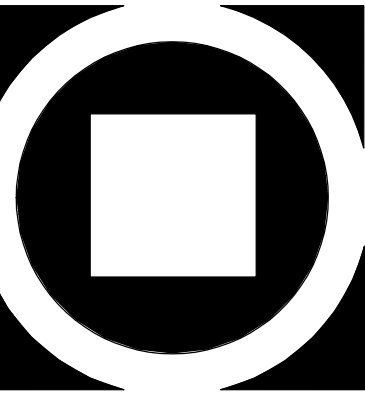
1 ELEVATION 18
1/2" = 1'-0"



2 ELEVATION 19
1/2" = 1'-0"



3 ELEVATION 20
1/2" = 1'-0"



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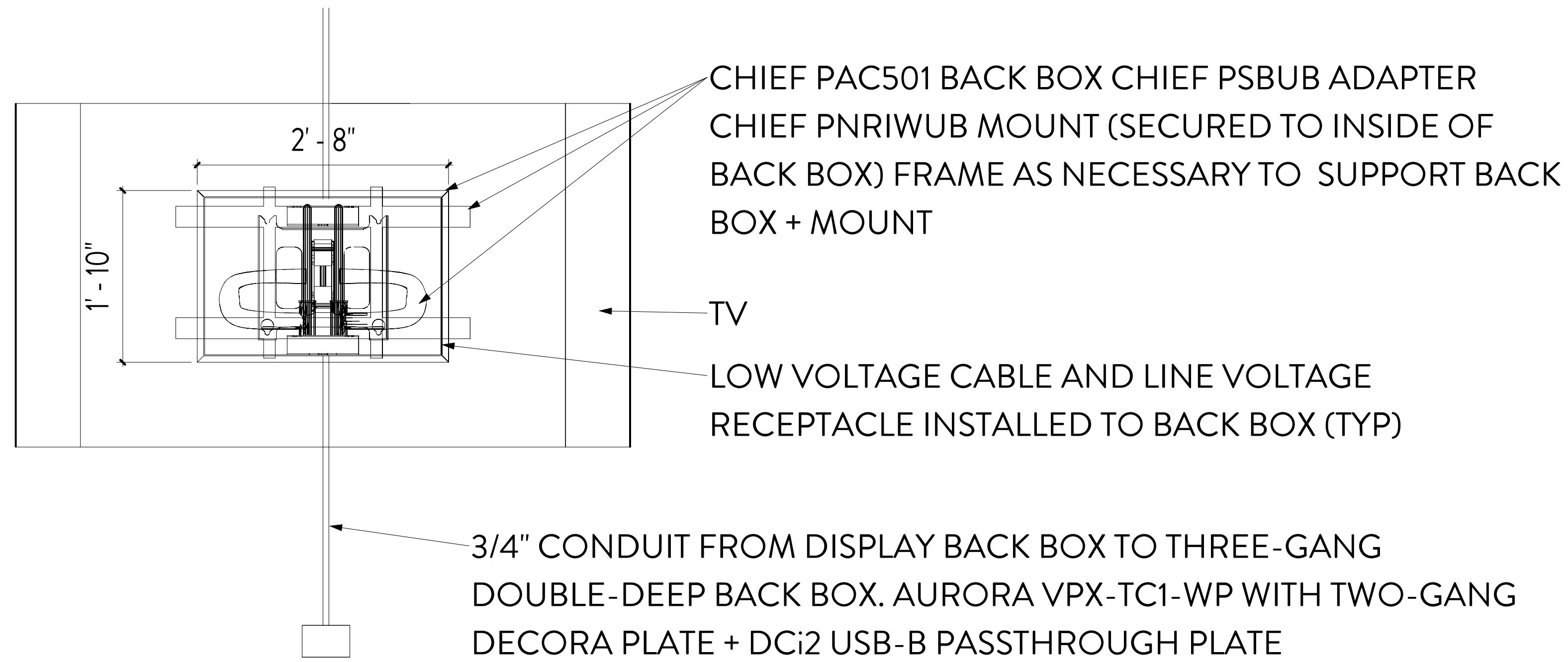
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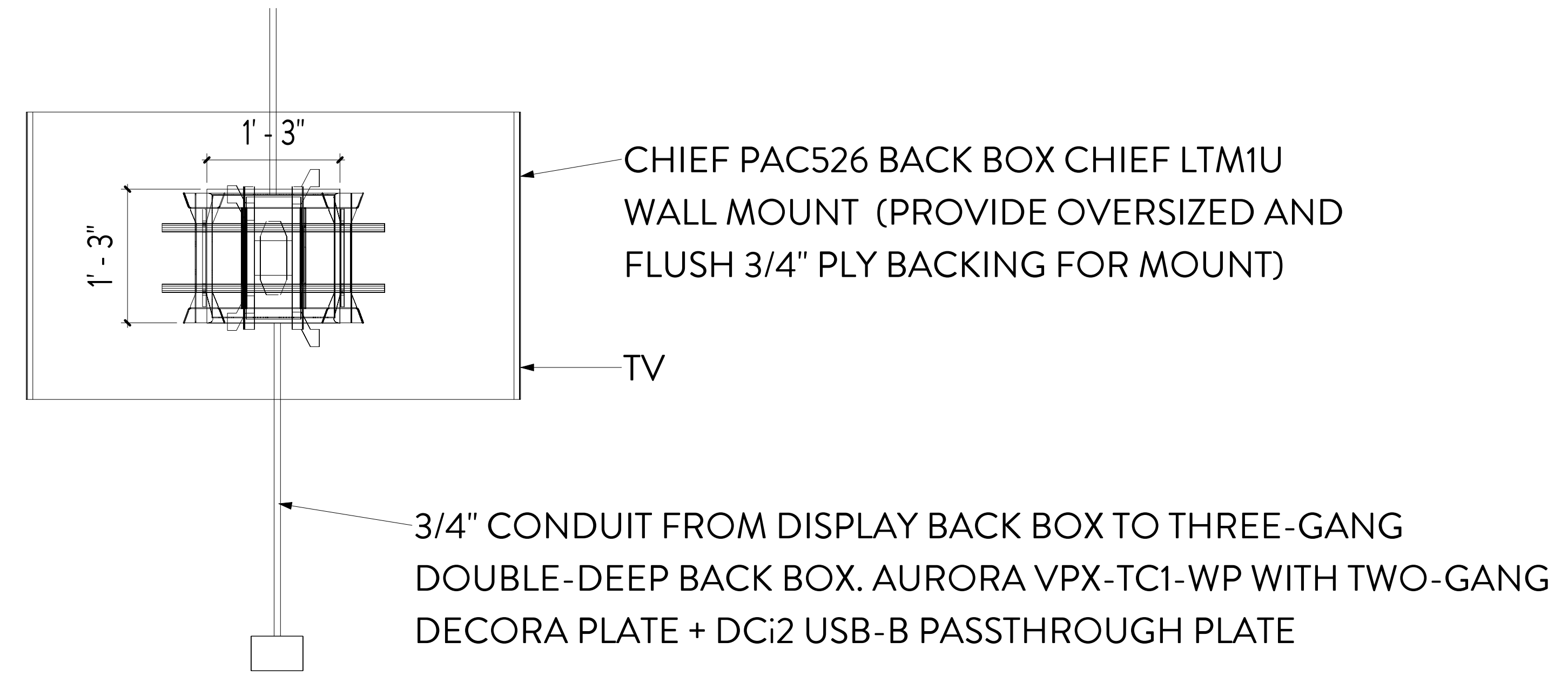
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ELEVATIONS			
	NO.	DESCRIPTION	DATE
	1	DEMO PACKAGE	07/03/24
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	6	BID & PERMIT	10/03/25

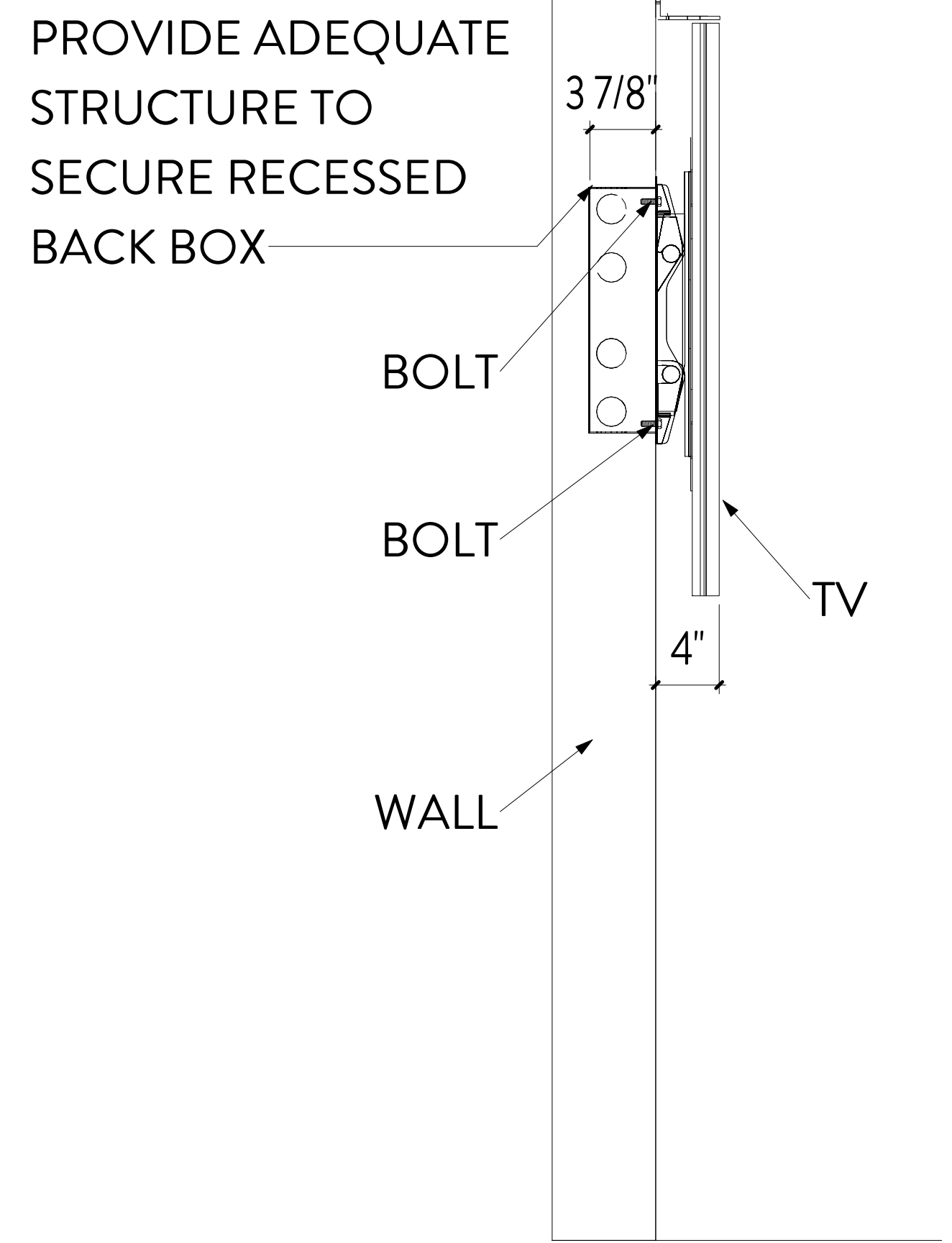
AV
8.114



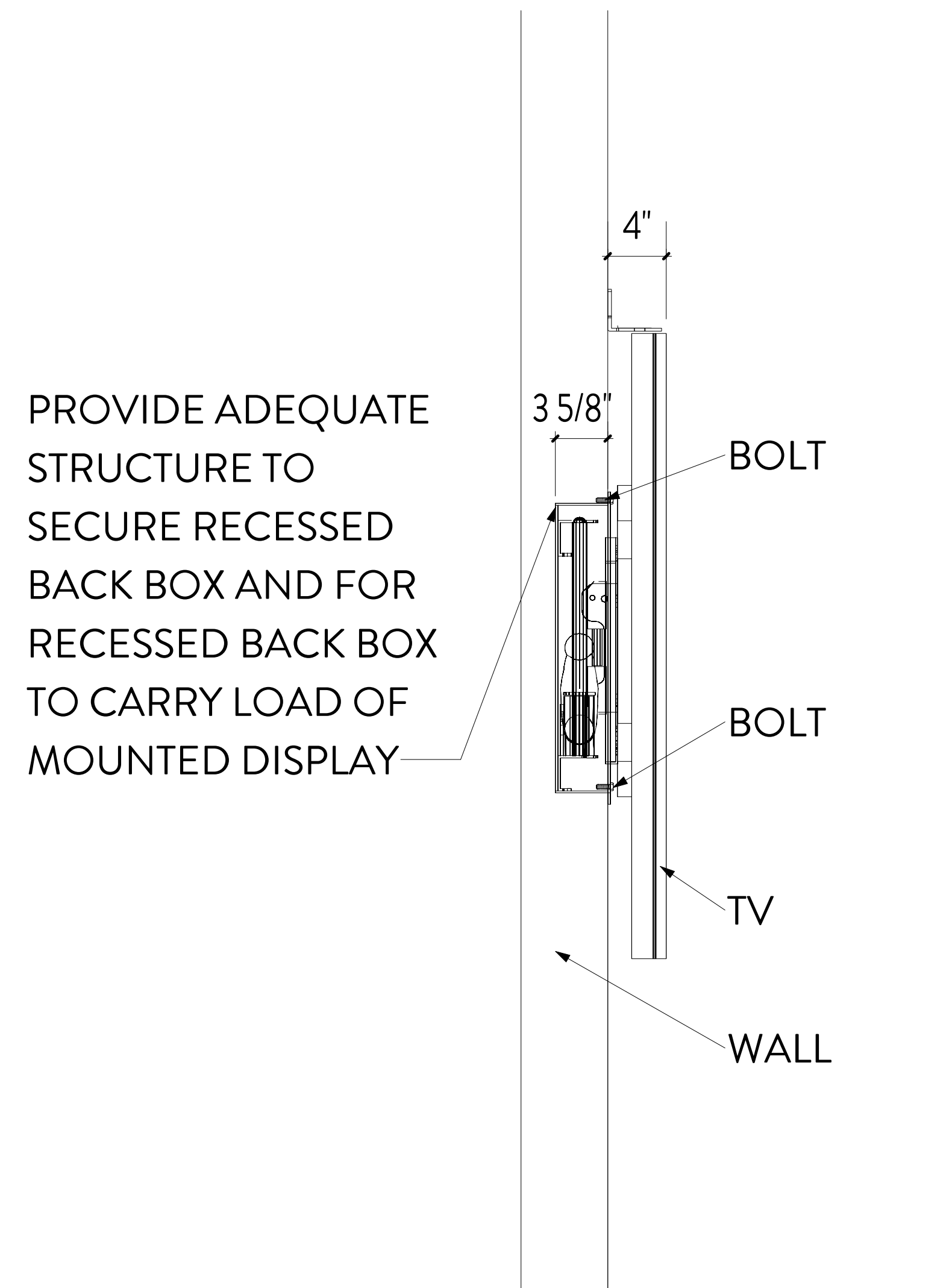
4 TV MOUNT DETAILS FOR 50" TV OR MORE 1
1" = 1'-0"



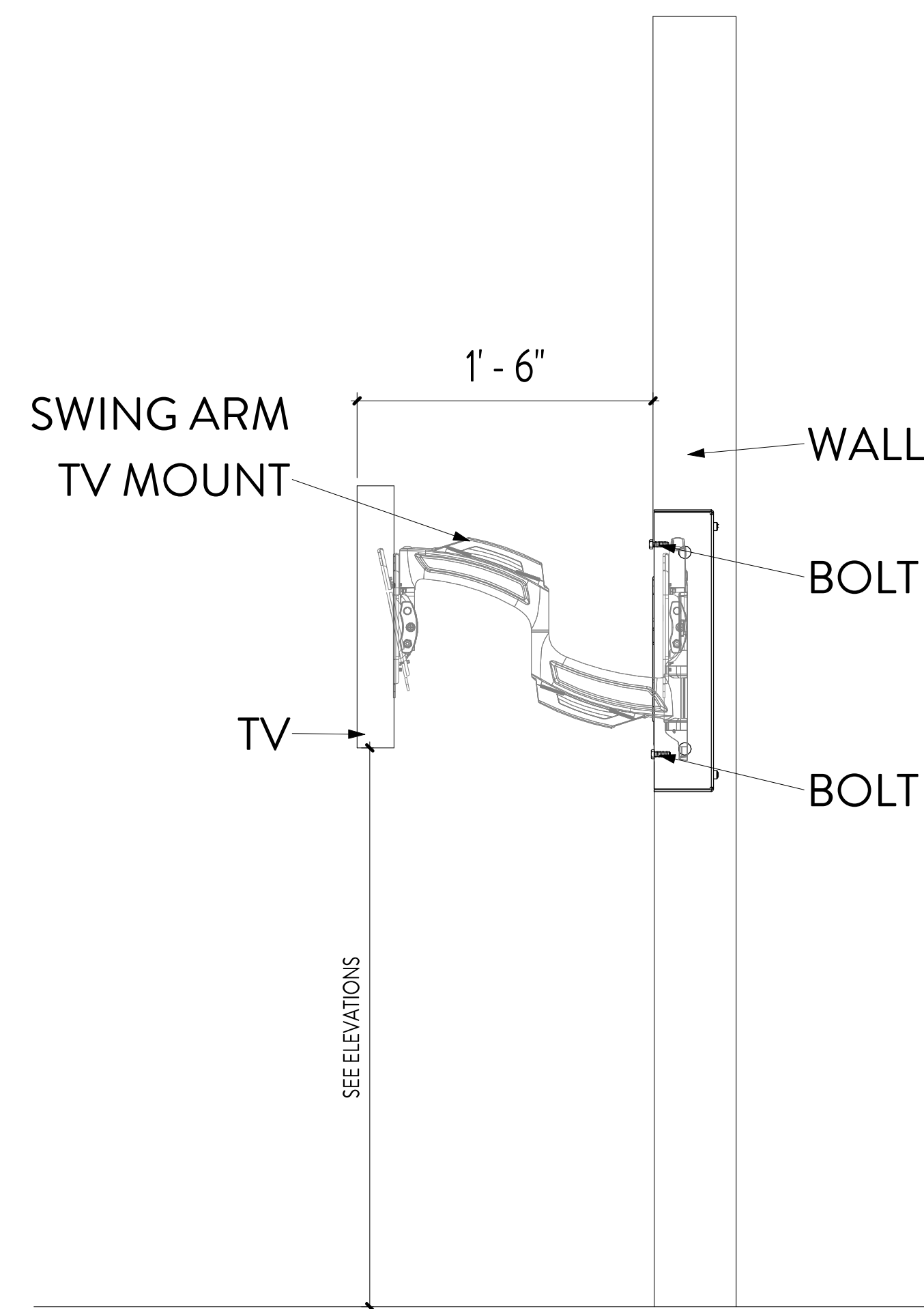
5 TV MOUNT DETAILS FOR 50" TV OR MORE 2
1" = 1'-0"



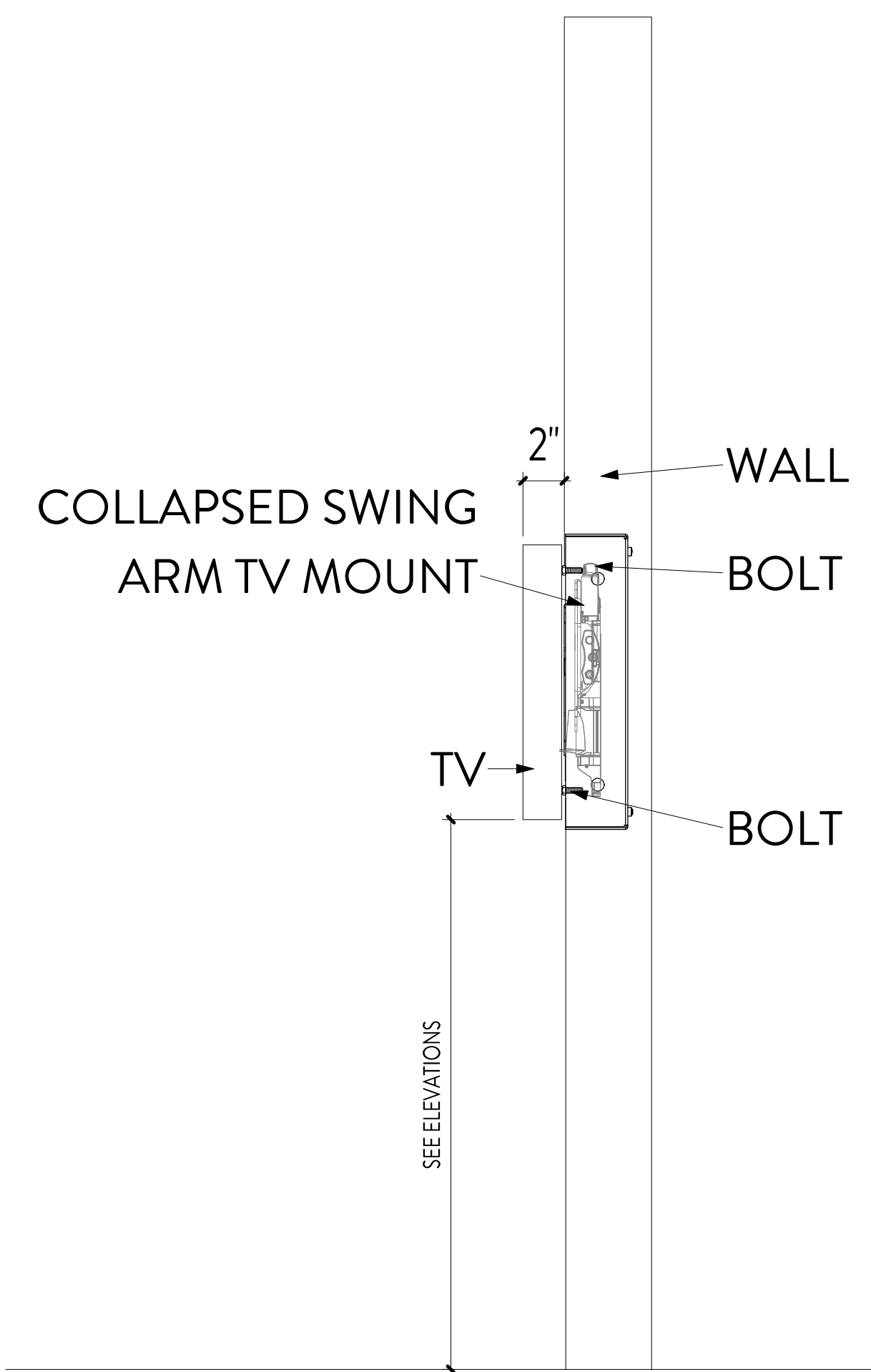
6 TV MOUNT DETAILS FOR 50" TV OR MORE 3
1 1/2" = 1'-0"



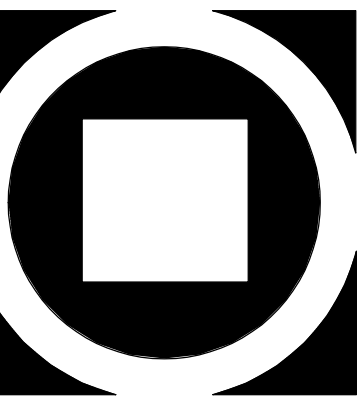
7 TV MOUNT DETAILS FOR 50" TV OR MORE 4
1 1/2" = 1'-0"

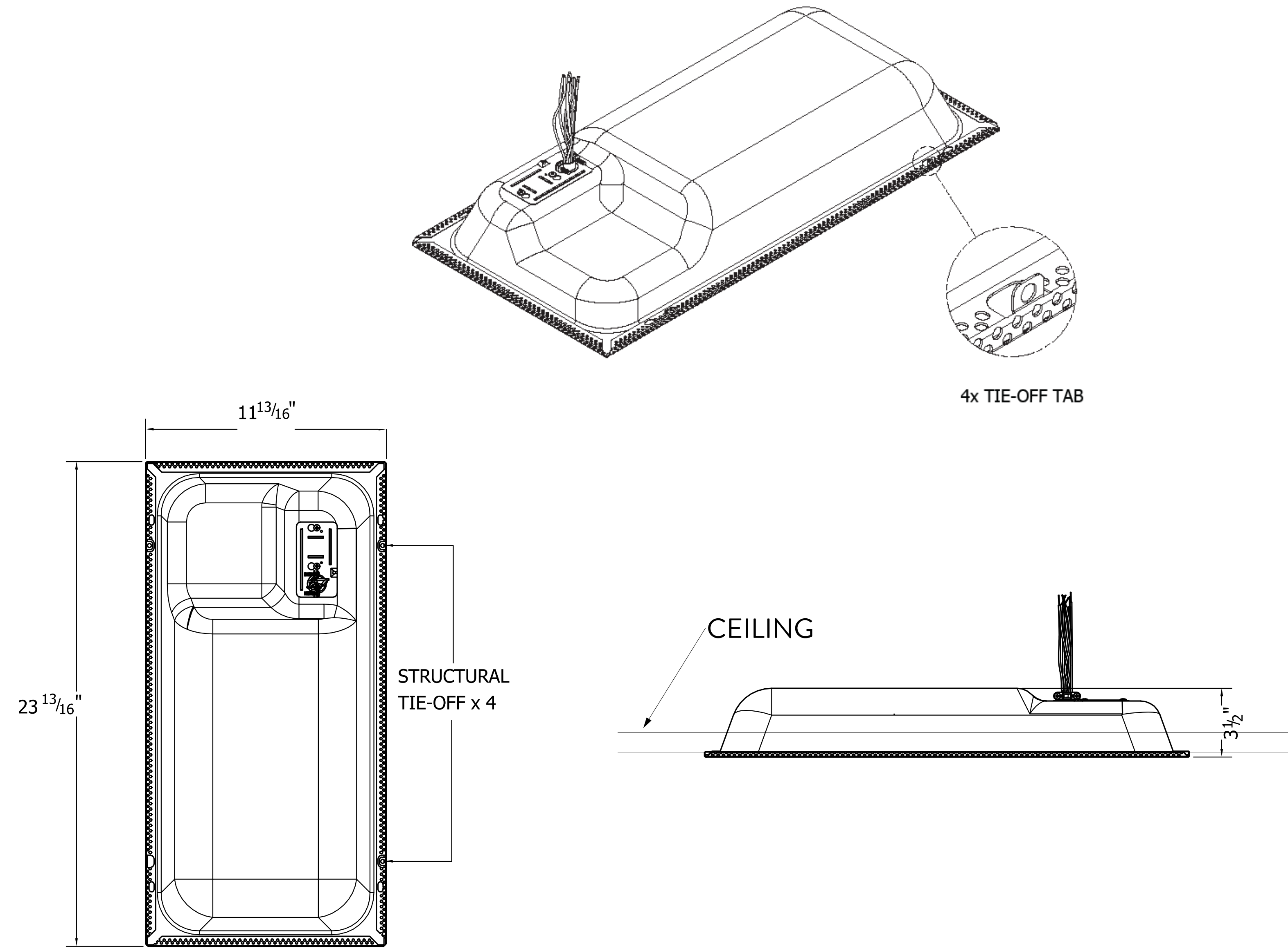


2 SWING ARM TV MOUNT DETAILS
1 1/2" = 1'-0"

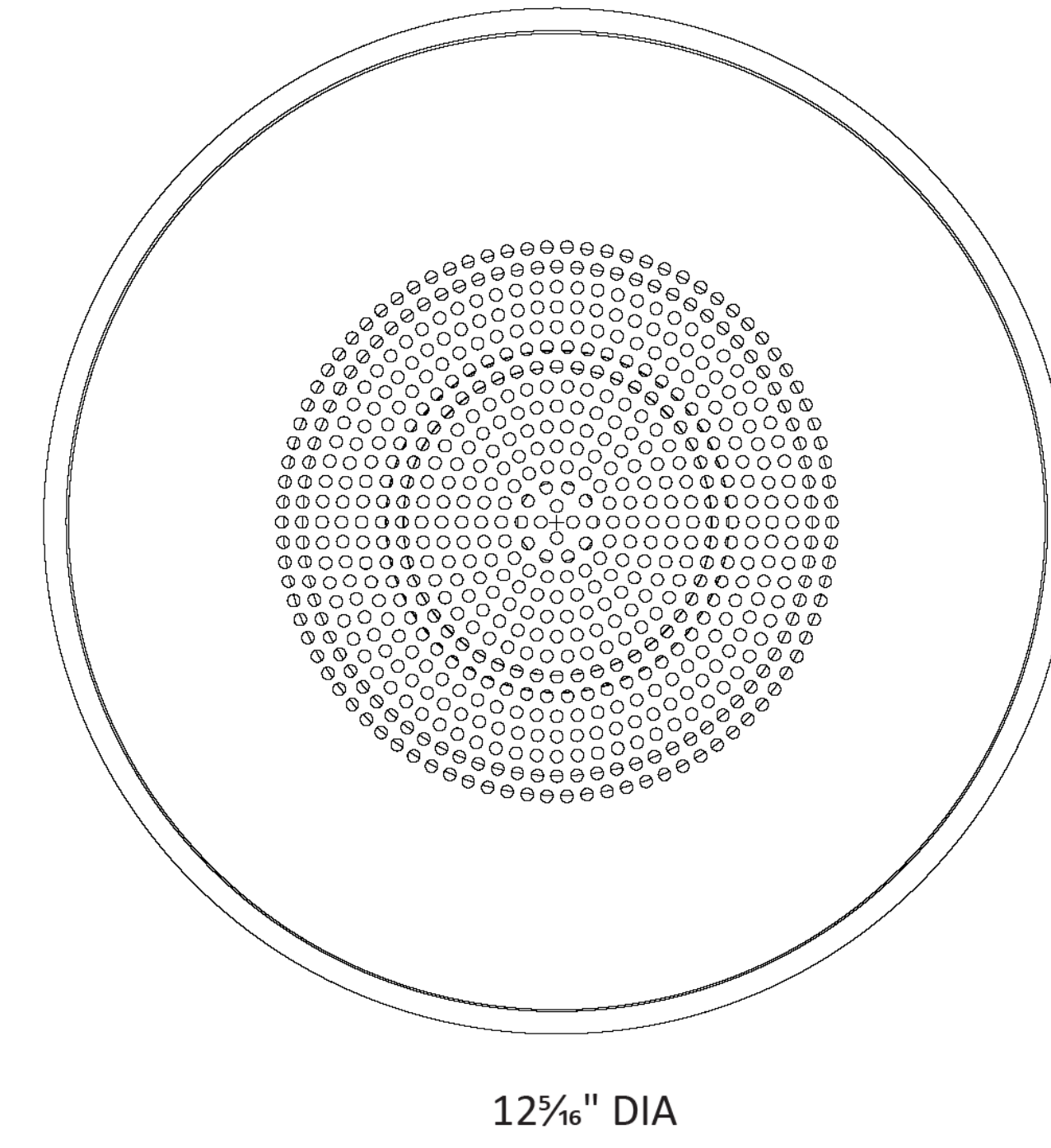


3 COLLAPSED SWING ARM TV MOUNT DETAILS
1 1/2" = 1'-0"

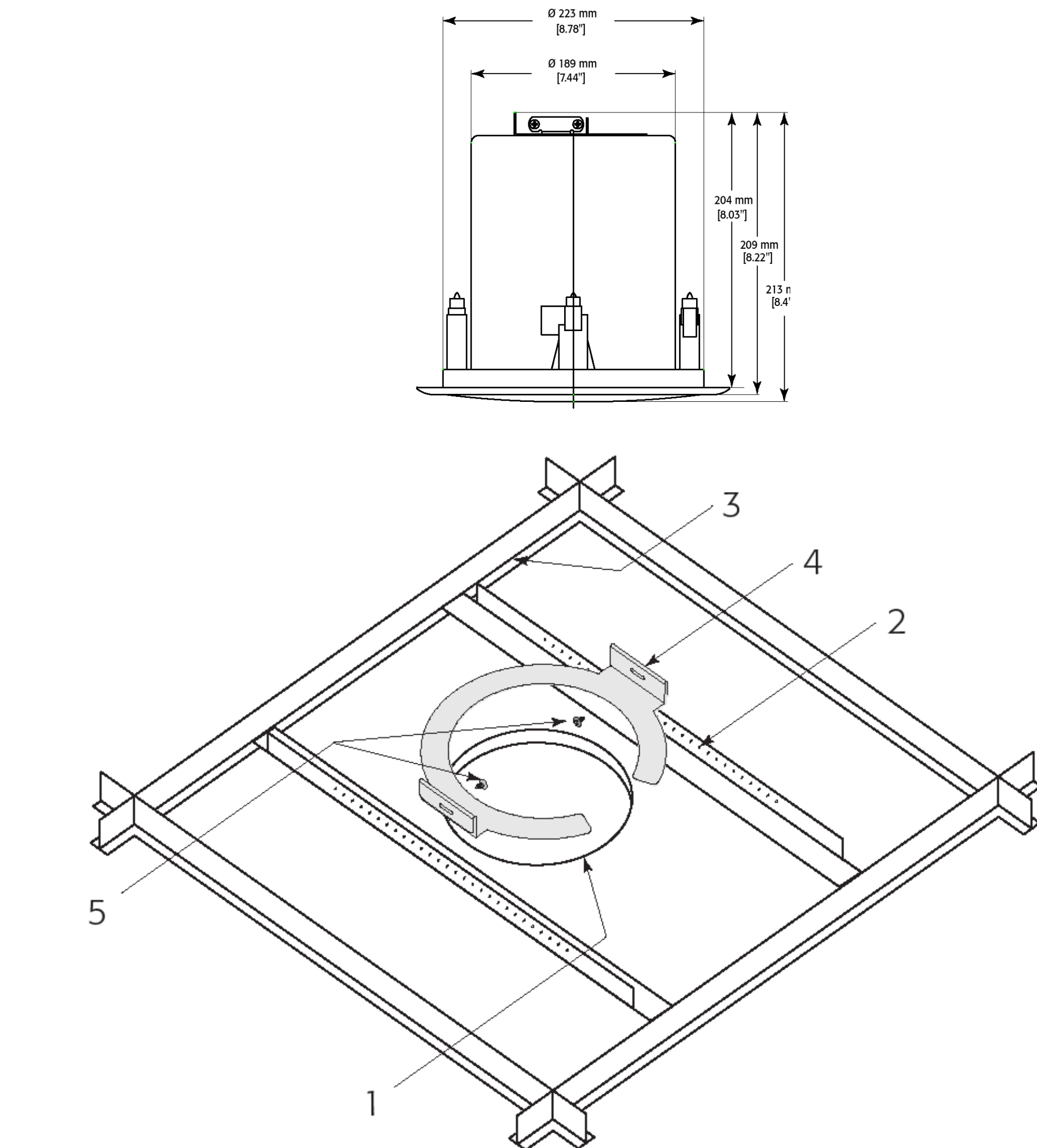
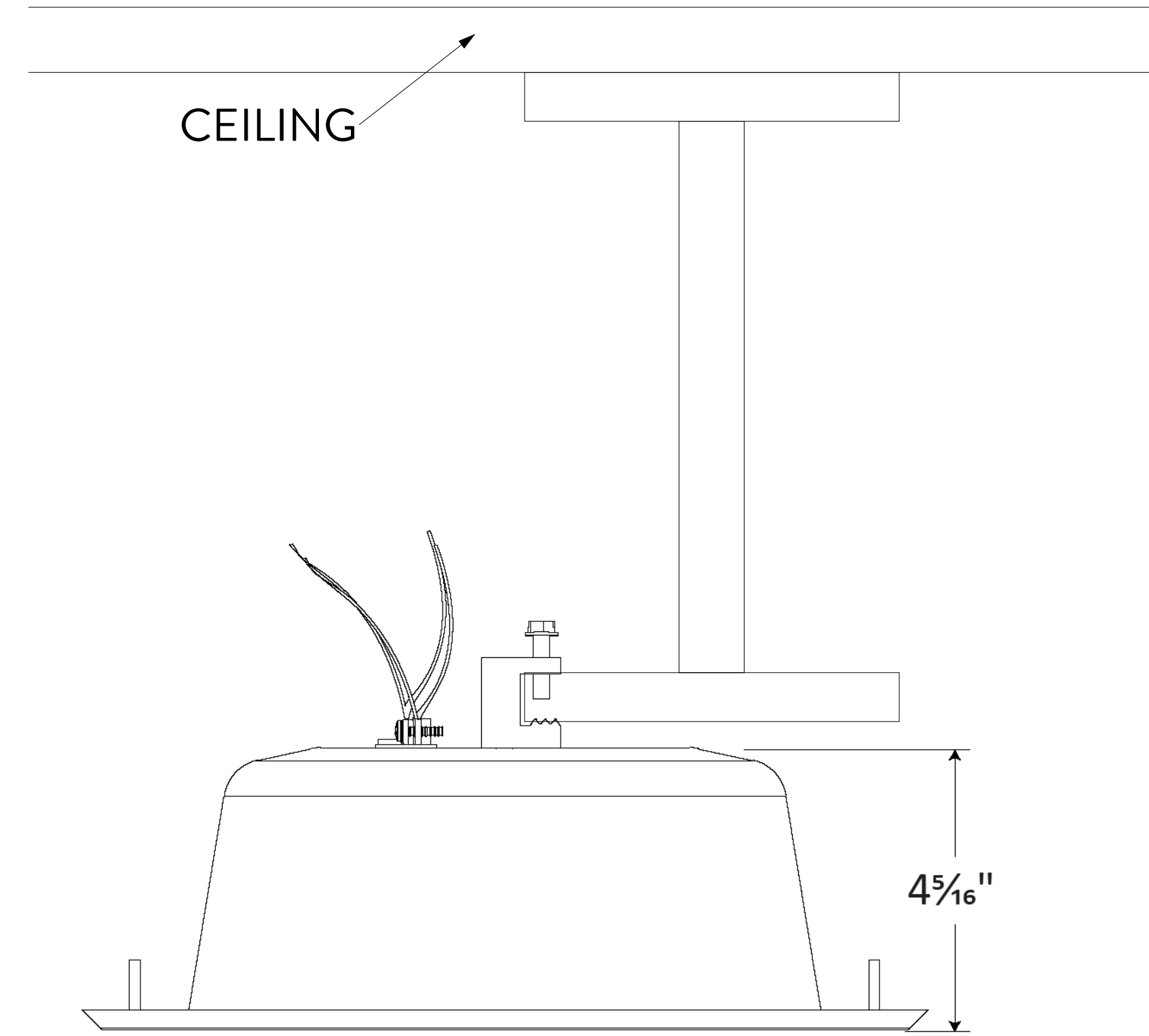




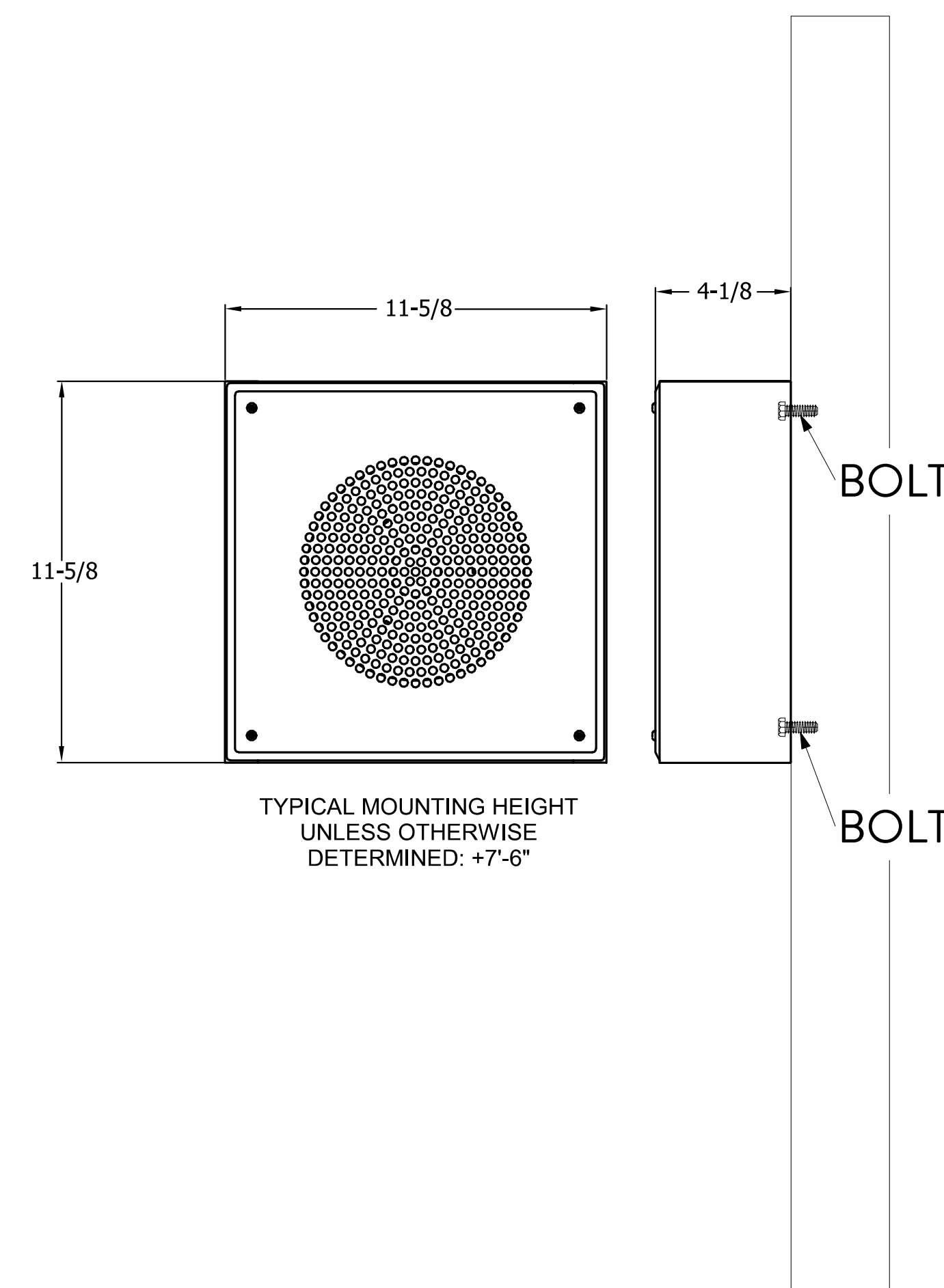
5 DETAILS SPEAKER S1
NTS



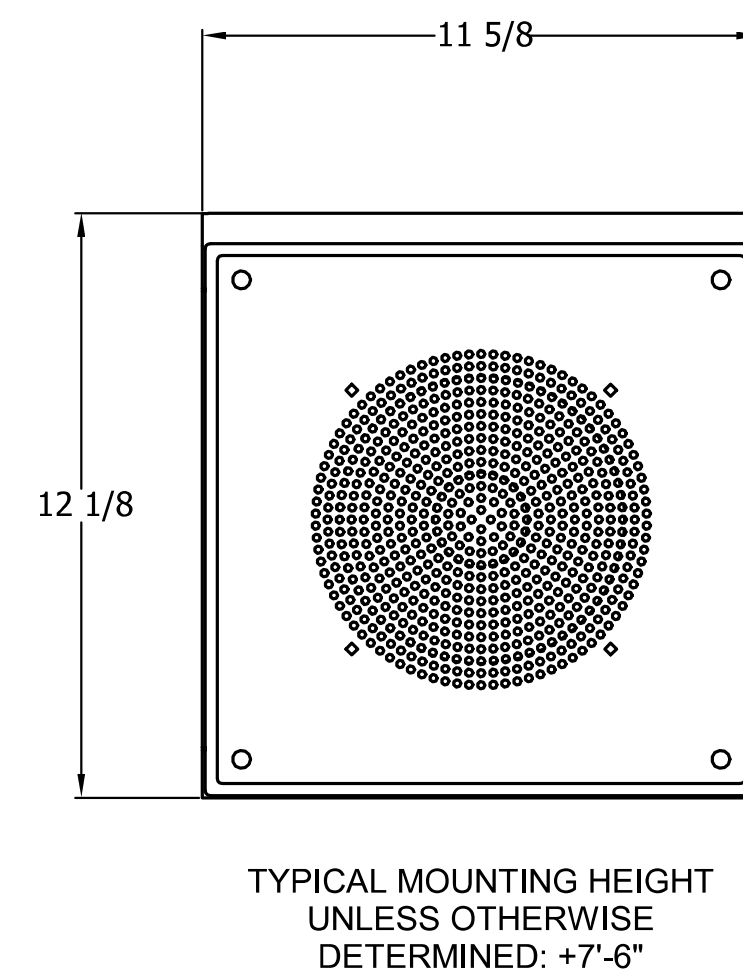
7 DETAILS SPEAKER S5
NTS



2 DETAILS SPEAKER S3
NTS



4 DETAILS SPEAKER S2
NTS



1 DETAILS SPEAKER S4
NTS

