

AUDIOVISUAL DRAWING LIST										
NUMBER	SHEET TITLE	100% DD - 08/30/19	PROGRESS SET - 10/11/2019	50% CD Set - 12/13/2019	CD PROGRESS SET - 02/05/2020	70% CD PROGRESS SET - 02-21-2020	95% CD - 04/10/2020	ISSUED FOR CONSTRUCTION - 05/01/2020	GMP SET - 07/01/2020	FINAL GMP SET - 12/18/2020
<i>Audiovisual</i>										
000 - DRAWING INDEX / LEGENDS										
TA-000	AUDIOVISUAL COVER SHEET		X	X	X	X	X	X	X	X
TA-001	AUDIOVISUAL GENERAL NOTES		X	X	X	X	X	X	X	X
TA-002	AUDIOVISUAL SCHEDULES					X	X	X	X	X
200 - OVERALL FLOOR PLANS										
TA-201	AUDIOVISUAL OVERALL PLAN - INN LEVEL 01		X	X	X	X	X	X	X	X
TA-202	AUDIOVISUAL OVERALL PLAN - INN LEVEL 02		X	X	X	X	X	X	X	X
TA-203	AUDIOVISUAL OVERALL PLAN - INN LEVEL 03		X	X	X	X	X	X	X	X
TA-204	AUDIOVISUAL OVERALL PLAN - INSTITUTE LEVEL 01		X	X	X	X	X	X	X	X
TA-205	AUDIOVISUAL OVERALL PLAN - INSTITUTE LEVEL 02		X	X	X	X	X	X	X	X
300 - OVERALL REFLECTED CEILING PLANS										
TA-301	AUDIOVISUAL OVERALL RCP - INN LEVEL 01		X	X	X	X	X	X	X	X
TA-302	AUDIOVISUAL OVERALL RCP - INN LEVEL 02		X	X	X	X	X	X	X	X
TA-303	AUDIOVISUAL OVERALL RCP - INN LEVEL 03		X	X	X	X	X	X	X	X
TA-304	AUDIOVISUAL OVERALL RCP - INSTITUTE LEVEL 01		X	X	X	X	X	X	X	X
TA-305	AUDIOVISUAL OVERALL RCP - INSTITUTE LEVEL 02		X	X	X	X	X	X	X	X
600 - ENLARGED PLANS										
TA-601	AUDIOVISUAL ENLARGED VIEWS		X	X	X	X	X	X	X	X
TA-602	AUDIOVISUAL ENLARGED VIEWS		X	X	X	X	X	X	X	X
TA-603A	AUDIOVISUAL ENLARGED VIEWS		X	X	X	X	X	X	X	X
TA-603B	AUDIOVISUAL ENLARGED VIEWS							X	X	X
TA-604	AUDIOVISUAL ENLARGED VIEWS		X	X	X	X	X	X	X	X
TA-605A	AUDIOVISUAL ENLARGED VIEWS		X	X	X	X	X	X	X	X
TA-605B	AUDIOVISUAL ENLARGED VIEWS							X	X	X
TA-606	AUDIOVISUAL ENLARGED VIEWS		X	X	X	X	X	X	X	X
TA-607	AUDIOVISUAL ENLARGED VIEWS		X	X	X	X	X	X	X	X
TA-608	AUDIOVISUAL ENLARGED VIEWS		X	X	X	X	X	X	X	X
TA-609	AUDIOVISUAL ENLARGED VIEWS		X	X	X	X	X	X	X	X
TA-610	AUDIOVISUAL ENLARGED VIEWS		X	X	X	X	X	X	X	X
TA-611	AUDIOVISUAL ENLARGED VIEWS		X	X	X	X	X	X	X	X
TA-612	AUDIOVISUAL ENLARGED VIEWS		X	X	X	X	X	X	X	X
TA-613	AUDIOVISUAL ENLARGED VIEWS		X	X	X	X	X	X	X	X
TA-614	AUDIOVISUAL ENLARGED VIEWS		X	X	X	X	X	X	X	X
TA-615	AUDIOVISUAL ENLARGED VIEWS							X	X	X
700 - EQUIPMENT DETAILS										
TA-701	AUDIOVISUAL DETAILS							X	X	X
TA-702	AUDIOVISUAL DETAILS							X	X	X
TA-703	AUDIOVISUAL DETAILS							X	X	X
800 - SYSTEM FLOW DIAGRAMS										
TA-801	AUDIOVISUAL SYSTEM FLOW DIAGRAMS							X	X	X
TA-802	AUDIOVISUAL SYSTEM FLOW DIAGRAMS							X	X	X
TA-803	AUDIOVISUAL SYSTEM FLOW DIAGRAMS							X	X	X
TA-804	AUDIOVISUAL SYSTEM FLOW DIAGRAMS							X	X	X
TA-805	AUDIOVISUAL SYSTEM FLOW DIAGRAMS							X	X	X
TA-806	AUDIOVISUAL SYSTEM FLOW DIAGRAMS							X	X	X
TA-807	AUDIOVISUAL SYSTEM FLOW DIAGRAMS							X	X	X
TA-808	AUDIOVISUAL SYSTEM FLOW DIAGRAMS							X	X	X
TA-809	AUDIOVISUAL SYSTEM FLOW DIAGRAMS							X	X	X

### ABBREVIATIONS

A	AMPERAGE, AMPERE	JB, J_BOX	JUNCTION BOX
AFC	ABOVE FINISHED CEILING	K	KEY, KEYED, KEY OPERATED
AFF	ABOVE FINISHED FLOOR	KVM	KEYBOARD/VIDEO/MOUSE
AHJ	AUTHORITY HAVING JURISDICTION	L	LEFT
AMP	AMPLIFIER	LAN	LOCAL AREA NETWORK
ANT	ANTENNA	LCD	LIQUID CRYSTAL DISPLAY
AUD	AUDIO	LED	LIGHT EMITTING DIODE
AUX	AUXILIARY	M	MOTOR, MOTORIZED
AV	AUDIO VIDEO	MIC	MICROPHONE
AV SVR	AUDIO VIDEO SERVER	MTX	MATRIX
CATV	CABLE TELEVISION	NTS	NOT TO SCALE
CAM	CAMERA	OCC	OCCUPIED, OCCUPANCY
CG	COMMON GROUND	POE	POWER OVER ETHERNET
CL	CENTERLINE	PTZ	PAN / TILT / ZOOM
CTRL	CONTROL, CONTROLLER	PNL	PANEL
CTL	CONTROL, CONTROLLER	QUAD	QUADRAPLEX
CURT	CURTAIN	R	RIGHT
DMARC	DEMARCATION POINT	RK	RACK
DLP	DIGITAL LIGHT PROCESSING	RF	RADIO FREQUENCY
DN	DOWN	RX	RECEIVE, RECEIVER
DSP	DIGITAL SIGNAL PROCESSORING	SAT	SATELLITE
DX	DUPLEX	SCRN	SCREEN
EC	ELECTRICAL CONTRACTOR, ELECTRICAL CONDUIT	SDI	SERIAL DIGITAL INTERFACE
EMER	EMERGENCY	SPKR	SPEAKER, LOUDSPEAKER
FIB	FIBER OPTIC	SVR	CPU / SERVER
FA	FIRE ALARM	SW	SUBWOOFER
FM	FM RADIO FREQUENCY	TEL	TELEPHONE
FW	FIRE WIRE	TEMP	TEMPERATURE, TEMPORARY
GC	GENERAL CONTRACTOR	TP	TOUCH PANEL
GEN	GENERAL CONTRACTOR	TPD	TOUCH PANEL DOCK
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	UON	UNLESS OTHERWISE NOTED
GND	GROUND	UPS	UNINTERRUPTIBLE POWER SUPPLY
HD	HIGH DEFINITION	V	VOLT, VOLTAGE
HDMI	HIGH DEFINITION MULTIMEDIA INTERFACE	VOIP	VOICE OVER IP
IR	INFRARED	VOL	VOLUME
I/O	INPUT/OUTPUT	WB	WALL BOX
IG	ISOLATED GROUND	WP	WEATHERPROOF
IP	INTERNET PROTOCOL	WIFI	WIRELESS LOCAL AREA NETWORK
IWB	IN WALL BOX		

### AUDIOVISUAL SYSTEMS SCOPE OF RESPONSIBILITY MATRIX

ITEM	FURNISHED BY	INSTALLED BY	NOTES
INFRASTRUCTURE			
CONTAINMENT, CONDUIT, JUNCTION BOXES, WIREWAYS AND OTHER ELECTRICAL (CONSTRUCTION RELATED) ROUGH-IN WORK PERTAINING TO THE INSTALLATION OF THE AV SYSTEMS.	GENERAL CONTRACTOR/ELECTRICAL CONTRACTOR	GENERAL CONTRACTOR/ELECTRICAL CONTRACTOR	SEE AV SPECIFICATION AND DRAWINGS FOR REQUIREMENTS
FLOOR BOXES OR POKE-THRU WITH SHARED ACCESS FOR AUDIOVISUAL, TELE/DATA AND POWER SYSTEMS	GENERAL CONTRACTOR/ELECTRICAL CONTRACTOR	GENERAL CONTRACTOR/ELECTRICAL CONTRACTOR	SEE AV SPECIFICATION AND DRAWINGS FOR REQUIREMENTS
IN-WALL BOXES WITH SHARED ACCESS FOR AUDIOVISUAL, TELE/DATA AND POWER SYSTEMS	GENERAL CONTRACTOR/ELECTRICAL CONTRACTOR	GENERAL CONTRACTOR/ELECTRICAL CONTRACTOR	SEE AV SPECIFICATION AND DRAWINGS FOR REQUIREMENTS
ALL AC POWER RECEPTACLES AND RELATED ELECTRICAL REQUIREMENTS	GENERAL CONTRACTOR/ELECTRICAL CONTRACTOR	GENERAL CONTRACTOR/ELECTRICAL CONTRACTOR	SEE AV SPECIFICATION AND DRAWINGS FOR REQUIREMENTS
IT, TEL/DATA INFRASTRUCTURE AS REQUIRED FOR AV SYSTEMS	GENERAL CONTRACTOR/ELECTRICAL CONTRACTOR	GENERAL CONTRACTOR/ELECTRICAL CONTRACTOR	CHANNEL TEST DUE BY ROOM READY DATE
ALL LOW VOLTAGE AUDIOVISUAL CABLING	AV CONTRACTOR	AV CONTRACTOR	CABLE SPEC AND RUN SHEETS TO BE PROVIDED TO AV CONSULTANT PRIOR TO INSTALL
ALL LOW VOLTAGE AUDIOVISUAL TERMINATIONS	AV CONTRACTOR	AV CONTRACTOR	
CATV / IPTV			
CATV / IPTV LICENSING COSTS, HEAD END EQUIPMENT, BUILDING RISER AND TAP ATTENUATION	OWNER/SERVICE PROVIDER	OWNER/SERVICE PROVIDER	OWNER TO INITIATE CATV SURVEY AND COORDINATE DISTRIBUTION REQUIREMENTS WITH STRUCTURED CABLING DESIGNER
CATV / IPTV DISTRIBUTION FROM MAIN SERVICE POINT MDF, LOCAL IDF AND DISPLAY/CONFERENCE LOCATIONS	GENERAL CONTRACTOR/ELECTRICAL CONTRACTOR	GENERAL CONTRACTOR/ELECTRICAL CONTRACTOR	REFER TO STRUCTURED CABLING PACKAGE FOR REQUIREMENTS
CATV SPLITTERS, AMPLIFIERS, TERMINATIONS AND SIGNAL LEVEL TESTING	OWNER/SERVICE PROVIDER	OWNER/SERVICE PROVIDER	OWNER TO COORDINATE FINAL INSTALLATION AND TESTING TO CORRESPOND WITH ROOM READY DATES
CATV / IPTV DIGITAL TUNERS (CABLE BOXES)	OWNER	AV CONTRACTOR	AV CONTRACTOR TO CONFIRM DIGITAL TUNER I/O REQUIREMENTS WITH OWNER
EQUIPMENT			
WALL BLOCKING, UNI-STRUT/KINDORF, THREADED ROD, ETC AS REQUIRED FOR AV DEVICES	GENERAL CONTRACTOR	GENERAL CONTRACTOR	AV CONTRACTOR TO COORDINATE LOCATIONS
HANDLING OF ALL AV EQUIPMENT FROM BUILDING DOCK TO A SECURE LOCATION	AV CONTRACTOR	AV CONTRACTOR	
FRONT PROJECTION SCREENS	AV CONTRACTOR	GENERAL CONTRACTOR	ELECTRICAL CONNECTIONS BY THE GENERAL CONTRACTOR/ELECTRICAL CONTRACTOR. AV CONTRACTOR TO COORDINATE LOCATIONS
PROJECTOR MOUNTS, FLAT PANEL MOUNTS	AV CONTRACTOR	AV CONTRACTOR	ELECTRICAL CONNECTIONS BY THE GENERAL CONTRACTOR/ELECTRICAL CONTRACTOR. AV CONTRACTOR TO COORDINATE LOCATIONS
PROGRAM SPEAKERS	AV CONTRACTOR	AV CONTRACTOR	
CEILING SPEAKERS (WITH BACK BOXES, TRANSFORMERS & GRILLES WHERE APPLICABLE)	AV CONTRACTOR	AV CONTRACTOR	
CEILING AND WALL MOUNTED LCD OR FLAT PANEL DISPLAYS AND CAMERAS	AV CONTRACTOR	AV CONTRACTOR	
CEILING MOUNTED VIDEO PROJECTORS AND LIFTS	AV CONTRACTOR	AV CONTRACTOR	
CONTROL SYSTEM TOUCH SCREENS AND OTHER HARDWARE.	AV CONTRACTOR	AV CONTRACTOR	
PROVISION OF ALL OFE PC'S AND SERVERS (AS REQUIRED)	OWNER	AV CONTRACTOR	
LECTERNS AND TEACHERS STATIONS	MILLWORK OR FURNITURE INSTALLER	MILLWORK OR FURNITURE INSTALLER	CUTOUTS TO BE CONFIRMED AND SUPERVISED BY AV CONTRACTOR
MILLWORK COUNTERTOPS, CREDENZAS, CONFERENCE TABLES AND GENERAL WOODWORK	MILLWORK OR FURNITURE INSTALLER	MILLWORK OR FURNITURE INSTALLER	AV CONTRACTOR TO CONFIRM ALL TABLE AND CREDENZA DIMENSIONS AND MODIFICATIONS PER THE MILLWORK OR FURNITURE INSTALLER DRAWINGS.
CONFERENCE TABLE CONNECTIVITY HATCH	MILLWORK OR FURNITURE INSTALLER	MILLWORK OR FURNITURE INSTALLER	AV CONTRACTOR TO PROVIDE CONNECTIVITY HATCH AUDIOVISUAL FACEPLATES
COMMISSIONING, PROGRAMMING AND PROJECT MANAGEMENT			
TESTING, EVALUATION AND INSTALL OF EXISTING EQUIPMENT	OWNER	AV CONTRACTOR	
CONTROL SYSTEM AND AUDIO SYSTEM PROGRAMMING	AV CONTRACTOR	AV CONTRACTOR	AV CONTRACTOR WILL BE REQUIRED TO CONFIRM CODE REVISIONS AND MAKE ADJUSTMENTS TO DSP CODE IN FIELD. SEE SPECIFICATIONS
PROJECT MANAGEMENT, SUPERVISION, TESTING AND COMMISSIONING OF THE AV SYSTEMS	AV CONTRACTOR	AV CONTRACTOR	

CONTRACTOR

CONSULTANT

ISSUE DATES  
 03/20/19 10% SCHEMATIC DESIGN  
 03/20/19 PLANNING BOARD  
 07/29/19 75% DESIGN DEVELOPMENT  
 08/20/19 100% DESIGN DEVELOPMENT  
 12/10/19 50% CONSTRUCTION DOCUMENTS  
 03/20/20 CD PROGRESS SET  
 05/01/20 ISSUED FOR CONSTRUCTION  
 07/01/20 GMP SET  
 08/01/2021 BIP SET

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CABLE TYPES SCHEDULE				
1. THESE CABLE TYPES ARE CITED TO ILLUSTRATE THE MINIMUM CABLE PERFORMANCE REQUIREMENTS. UNLESS OTHERWISE NOTED, CABLES FROM OTHER MANUFACTURERS (E.G. WEST PENN. COMM SCOPE, LIBERTY CABLE, ETC.) WILL BE CONSIDERED IF DATA SHEETS ARE SUBMITTED PRIOR TO INSTALLATION AND APPROVED BY AV CONSULTANT. 2. THE USE OF PLENUM RATED CABLING IS REQUIRED FOR ALL AV CABLING RUN OUTSIDE OF METAL CONDUIT. 3. THE CONTRACTOR SHALL ONLY USE PLUGS AND JACKS SPECIFICALLY MANUFACTURED AND DESIGNED FOR THE CABLE USED.				
CABLE TYPE	DESCRIPTION	MANUFACTURER	NON-PLENUM	PLENUM
			MODEL	MODEL
<b>AUDIO</b>				
AUDIO (MICROPHONE & LINE LEVEL)	(1) PAIR 22 AWG TWISTED PAIR	BELDEN	9451	9451P
AUDIO (DIGITAL)	(1) PAIR 24 AWG (110 OHM) TWISTED PAIR	BELDEN	1800F	1801B
AUDIO (SPEAKER LEVEL, 70V)	2 CONDUCTOR 18 AWG STRANDED	BELDEN	5300UP	82740
AUDIO (SPEAKER LEVEL, SPEECH)	2 CONDUCTOR 16 AWG STRANDED	BELDEN	5200UP	6200UE
AUDIO (SPEAKER LEVEL, PROGRAM)	2 CONDUCTOR 14 AWG STRANDED	BELDEN	5100UP	6100UE
AUDIO (SPEAKER LEVEL, PERFORMANCE)	2 CONDUCTOR 12 AWG STRANDED	BELDEN	5000UP	6000UE
AUDIO (SPEAKER LEVEL, HIGH WATTAGE)	2 CONDUCTOR 10 AWG STRANDED	BELDEN	5T00UP	6T00UP
<b>VIDEO</b>				
VIDEO (UTP NON-CATEGORY)	(4) PAIR 24 AWG LOW-SKEW TWISTED PAIR	BELDEN	7987R	7987P
VIDEO (UTP CATEGORY)	REFER TO IT PROJECT STANDARDS			
VIDEO (ANALOG COMPONENT VIDEO)	RG-59/U 20 AWG 75 OHM COAX	BELDEN	8281	88281
VIDEO (DIGITAL VIDEO)	RG-59/U 20 AWG 75 OHM COAX	BELDEN	1505A	1506A
<b>RF / CATV / ALS / WIRELESS ANT COAX</b>				
RF (HARDLINE)	HARDLINE (75 OHM)	COMMSCOPE	P3-500 SERIES JCAR	
RF (COAX <150')	RG-6/U (75 OHM)	BELDEN	9118	1152A
RF (COAX <250')	RG-11/U (75 OHM)	BELDEN	9064	1153A
RF (COAX TRIAX)	RG-11/U (75 OHM)	BELDEN	1858A	1859A
RF (WIRELESS ANTENNA)	RG-8/U (50 OHM)	BELDEN	9913F7	89913
RF (MICROWAVE ANTENNA; RISER-RATED)	HELIXA (50 OHM)	ANDREW	LD4-50A	-
<b>AV/UTP CATEGORY &amp; CONTROL</b>				
CRESNET CONTROL CABLE	(1) PAIR 22 AWG TWISTED PAIR & (1) PAIR 18 AWG	CRESTRON	CRESNET-NP	CRESNET-P
DIGITAL MEDIA 8G ULTRA CABLE 4K	CAT 7A 4-PAIR 22 AWG SOLID BARE COPPER	CRESTRON	DM-CBL-ULTRA-NP	DM-CBL-ULTRA-P
DIGITAL MEDIA 8G CABLE	CAT 5E 4-PAIR 22 AWG SOLID COPPER	CRESTRON	DM-CBL-8G-NP	DM-CBL-8G-P
SHIELDED TWISTED PAIR CABLE	(4) PAIR SHIELDED 24 AWG TWISTED PAIR SOLID BARE COPPER	EXTRON	22-236-03	22-235-03
CONTROL (SERIAL APPLICATIONS)	(2) PAIR 22 AWG TWISTED PAIR	BELDEN	8723	88723
CONTROL (TOUCH/CONTROL SYSTEM APPLICATIONS)	(1) PAIR 22 AWG TWISTED PAIR & (1) PAIR 18 AWG	BELDEN	1502R	1502P
CONTROL (NETWORK)	REFER TO IT PROJECT STANDARDS			
<b>FIBER</b>				
OM3 MM	(##) 50uM OM3 MULTI-MODE (FIBER STRAND COUNT PER DRAWINGS)	CORNING	0##T81-31180-24	0##T81-31180-29
OM4 MM	(##) 50uM OM4 MULTI-MODE (FIBER STRAND COUNT PER DRAWINGS)	CORNING	0##T81-31190-24	0##T81-31190-29
OS2 SM	(##) SINGLE-MODE (FIBER STRAND COUNT PER DRAWINGS)	CORNING	0##T81-31131-24	0##T81-31131-29
			NOTE: CONTRACTOR TO PROVIDE ARMORED EQUIVALENTS AS INDICATED IN THE DRAWING PACKAGE	
SMPTE 304M CAMERA	(4) 20AWG COPPER, (2) 24AWG COPPER, (2) SINGLE-MODE FIBER	MOHAWK	96040	96920

2018-12-30

ESTIMATED SIZE HVAC LOADS						
1. THE NORMAL HVAC PROVISIONS FOR THE CONFERENCE ROOMS SHALL BE SUFFICIENT TO HANDLE ANY ADDITIONAL HEAT LOAD PRESENTED BY THE AUDIOVISUAL SYSTEM COMPONENTS WITHIN THE CONFERENCE ROOMS - EXCEPT SPECIFIC AREA AS NOTED IN THE CHART BELOW. 2. A THERMOSTAT WITHIN EACH CONFERENCE ROOM IS RECOMMENDED TO PROPERLY MAINTAIN ROOM TEMPERATURE. 3. ROOM TEMPERATURE MUST NOT EXCEED 80 DEGREES FAHRENHEIT DURING CONFERRING TO PREVENT AUTOMATIC SHUTDOWN OF SOME ESSENTIAL EQUIPMENT. 4. RATING ESTIMATES FOR EQUIPMENT OTHER THAN AUDIO AMPLIFIERS ARE BASED ON THE AV COMPONENTS' PUBLISHED MAXIMUM POWER CONSUMPTION ("PHASE VALUE") AND THE FOLLOWING FORMULA: WATTS X 3.41 X 75% = BTU/HR 5. RATING ESTIMATES FOR AUDIO AMPLIFIERS ARE BASED ON THE AV COMPONENTS' PUBLISHED BTU/HR AT 1/8TH POWER. 6. IN THE CASE WHERE AUDIOVISUAL EQUIPMENT CABINETS ARE LOCATED IN CLOSETS, CABINETS, OR FURNITURE. ADEQUATE VENTILATION MUST BE PROVIDED TO ALLOW FRESH AIR EXCHANGE WITHIN THE ENCLOSURE.						
TYPICAL COMMON SPACES	POWER LOAD ESTIMATED (W)			HEAT LOAD ESTIMATED (BTU/hr)		
	ROOM OPEN AIR	ROOM CREDENZA	AV CLOSET	ROOM OPEN AIR	ROOM CREDENZA	AV CLOSET
AV/IT RACK ROOM 258 (LOADS FOR AV EQUIPMENT ONLY)	7,306	NA	NA	16,054	NA	NA
NON-TYPICAL COMMON SPACES	ROOM OPEN AIR	ROOM CREDENZA	AV CLOSET	ROOM OPEN AIR	ROOM CREDENZA	AV CLOSET

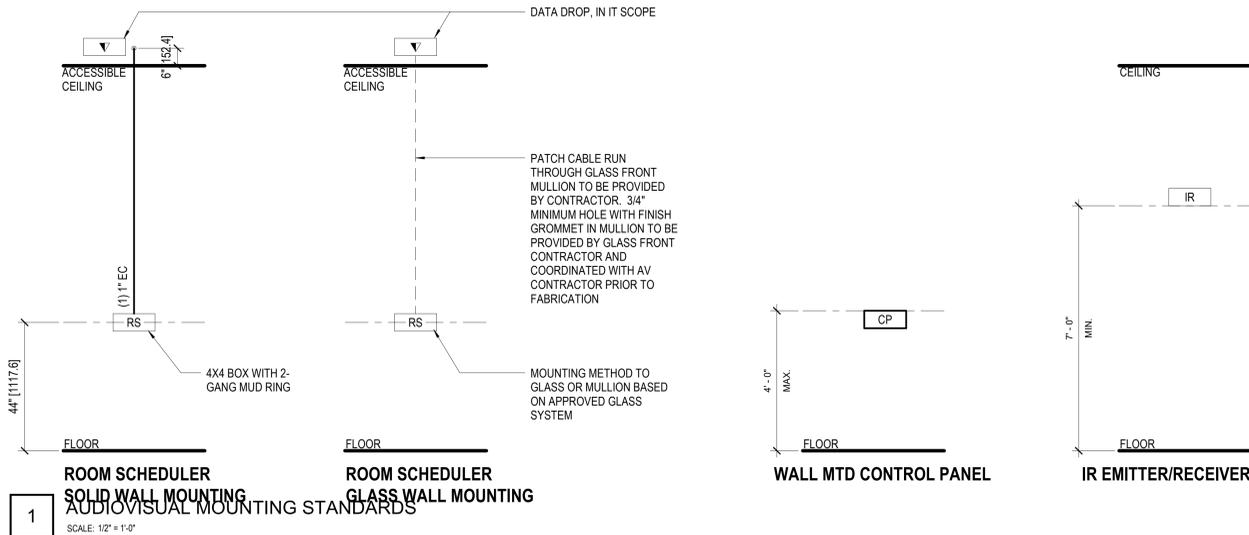
VIDEO TELECONFERENCING LIGHTING GUIDELINES	
<b>A.</b>	<b>GENERAL</b> 1. THESE REQUIREMENTS ARE GIVEN SO THAT A LIGHTING SYSTEM WILL BE PROVIDED THAT WILL ENHANCE THE VIDEO TELECONFERENCING SYSTEMS. LIGHTING SYSTEM DESIGN AND SPECIFICATIONS ARE BY OTHERS. THESE REQUIREMENTS SHOULD BE PASSED ON TO THE LIGHTING DESIGNERS.
<b>B.</b>	<b>LIGHT SOURCE POSITIONING</b> 1. LIGHT EMANATING FROM THE FIXTURE OR INSTRUMENT SHOULD COME FROM AN ANGLE BETWEEN 45 AND 60 DEGREES VERTICAL. HORIZONTALLY, LIGHT SHOULD ALSO BE CAST FROM AN ANGLE IN ADDITION TO FRONT. THIS WILL ASSURE THAT MINIMUM SHADOWS ARE CREATED IN THE EYE SOCKETS AND UNDER NOSE AND CHIN. 2. THE AMOUNT OF LIGHT FALLING ON THE FACE OF THE SUBJECTS MEASURED VERTICALLY SHOULD BE 50 TO 75 FC (FOOT-CANDLE). THE QUALITY OF LIGHT CAN BE ASSURED BY USING FLUORESCENT LAMPS OF 3000 TO 3200 DEGREES KELVIN WITH A CRI (COLOR RENDERING INDEX) OF 82+. 3. THE USE OF HIGH COLOR TEMPERATURE LAMPS, IN THE ORDER OF 5700 DEG. K OR HIGHER, IS NOT NECESSARY FOR VIDEO CAMERAS. THE STRONG BLUE COMPONENT HAS A DELETERIOUS EFFECT ON SKIN TONES.
<b>C.</b>	<b>MONITOR/DISPLAY WALL AND BACK WALL LIGHTING CONSIDERATIONS</b> 1. PROVIDE MINIMAL LIGHTING FOR THE SCREEN OR DISPLAY DEVICE FOR GOOD SCREEN CONTRAST AND IMAGE SHARPNESS. THE WALL WHERE THE DISPLAY DEVICE IS LOCATED SHOULD HAVE AS LITTLE ILLUMINATION AS POSSIBLE. NO REFLECTED GLARE SHOULD APPEAR ON THE SCREEN OR MONITOR TO INHIBIT VIEWING. 2. PROVIDE LIGHTING FOR THE BACK WALL TO A LESSER EXTENT. THE SIDEWALLS ARE TO BALANCE THE BRIGHTNESS WITH THE REST OF THE ROOM. THIS PREVENTS THE CAMERA FROM SETTING ITS IRIS ON THE BACK OR SIDEWALLS THAT MAY BE TOO DARK OR TOO BRIGHT, ALLOWING TOO MUCH OR TOO LITTLE LIGHT INTO THE CAMERA, IN TURN CAUSING THE APPEARANCE OF OVER OR UNDER LIGHTING THE SUBJECT. 3. GENERALLY, THE WALL FINISHES AND FURNITURE SHOULD BE VERY NEUTRAL. THE REFLECTANCE VALUES OF THE SELECTED COLORS AND SURFACES SHOULD BE AROUND 30 TO 40%. LIGHT LEVEL RATIOS FROM THE PARTICIPANT TO THE BACK OF THE ROOM SHOULD BE WITHIN 3:1, WHILE THE SIDEWALLS CAN BE 5:1.
<b>D.</b>	<b>RECOMMENDATIONS</b> 1. THE FOLLOWING ARE OUR RECOMMENDED GUIDELINES FOR A GOOD LIGHTING SYSTEM IN THE NEW VIDEO TELECONFERENCE FACILITIES: a. COLOR TEMPERATURE: 3200 K (APPROX.) b. LIGHTING LEVEL: 70 FOOT-CANDLES, MEASURED VERTICALLY AT PARTICIPANTS' FACES. c. SOURCES: FLUORESCENT AND INCANDESCENT. 2. THE FOLLOWING ZONES SHOULD HAVE INDEPENDENT CONTROL: a. ROOM PERIMETER. b. SCREEN AREA. c. FRONT/REAR PRESENTER POSITIONS. d. TABLE. 3. ALL EFFORTS SHOULD BE MADE TO AVOID GLARE AND REFLECTIONS: a. AVOID REFLECTION ON MONITOR FACES. b. AVOID REFLECTIVE/GLOSSY/SHINY SURFACES. 4. CONTRAST: a. ILLUMINATE SURFACES EVENLY (< 2 TO 1 CONTRAST RATIO). b. AVOID CONTRAST IN MATERIALS / PATTERNS. c. SOFTEN CORNERS WITH LIGHT. d. MAINTAIN A VERY "LIGHT" REFLECTIVE CAVITY BY SELECTING COLORS AND MATERIALS THAT ARE LIGHT IN COLOR. 5. LIGHTING INSTRUMENTS: a. INSTALL DIRECTIONAL FIXTURES THAT PROVIDE A WIDE HORIZONTAL COMPONENT, PREFERABLY RECESSED AND INDIRECT. b. FIXTURES SHOULD HAVE DIMMING BALLASTS AND BIAXIAL FLUORESCENT LAMPS. c. FIXTURES SHOULD FIT IN STANDARD 2' X 4' CEILING TILE BAY. 6. PHOTOMETRICS: a. VERTICAL LIGHT LEVELS ON SESSION PARTICIPANTS SHOULD BE A MINIMUM OF 50 TO 70 FOOT-CANDLES, OR 538 LUX AND 753 LUX RESPECTIVELY. b. REFLECTANCE OF THE ROOM FINISHES SHOULD BE APPROXIMATELY 80 FOR THE CEILING, 40 FOR THE WALLS, AND 20 FOR THE FLOOR AND WORK SURFACES. c. FOR OUR PURPOSE, REFLECTANCE REFERS TO THE AMOUNT OF LIGHT THAT IS REFLECTED FROM A COLORED SURFACE, SUCH AS A TEXTURED WALL OR PAINTED SURFACE, TYPICALLY EXPRESSED IN PERCENTAGE.
<b>E.</b>	<b>RECOMMEND FINISHES</b> 1. SURFACES VIEWED BY THE CAMERA WILL BE LIGHTED AND MUST BE COLORED TO PRODUCE A PLEASING PICTURE, SUITABLE FOR VIDEO CONFERRING. THIS IS WITH REGARD TO THE VIDEO COMPRESSION PROCESSING AND TO AVOID DISTRACTIONS TO REMOTE SITE CONFERENCE PARTICIPANTS. 2. THERE SHALL NOT BE EXCESSIVE CONTRAST BETWEEN WALL AND FURNITURE COLORS. BLUE/GRAY MATTE COLORS ARE RECOMMENDED. BUSY PATTERNS, WEAVES AND WOOD-GRAINS SHALL BE NOT BE USED. REFLECTIVE HARDWARE, SUCH AS CHROME CHAIRS, DOOR HARDWARE OR WALL PLATES, SHALL NOT BE USED. THE TABLETOP SHALL HAVE A NON-REFLECTIVE, NEUTRAL COLORED FINISH. PAINTINGS WITH GLASS COVERS SHOULD BE AVOIDED. WINDOWS SHALL BE TREATED WITH APPROPRIATE LIGHT BLOCKING DRAPERY SYSTEMS.
THE GUIDELINES ABOVE ARE ONLY BASELINE CRITERIA BASED ON THE AUDIOVISUAL FUNCTIONALITY OF THE ROOM. LIGHTING FIXTURE TYPES, QUANTITIES, EXACT LOCATIONS AND ZONING SHALL BE AS SPECIFIED BY THE ARCHITECT/LIGHTING CONSULTANT/ELECTRICAL ENGINEER. THE SPECIFICATIONS SHALL BE COORDINATED WITH CERAMI & ASSOCIATES, INC.	

NOTES

CONTRACTOR

CONSULTANT

ISSUE DATES  
 03/20/2019 100% SCHEMATIC DESIGN  
 03/20/2019 PLANNING BOARD  
 07/29/2019 75% DESIGN DEVELOPMENT  
 08/20/2019 100% DESIGN DEVELOPMENT  
 12/13/2019 90% CONSTRUCTION DOCUMENTS  
 03/03/2020 CD PROGRESS SET  
 05/01/2020 ISSUED FOR CONSTRUCTION  
 07/01/2020 GMP SET  
 06/01/2021 BID SET



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AUDIOVISUAL DEVICE SCHEDULE									
TAG	DESCRIPTION	Comments	INFRASTRUCTURE REQUIREMENTS				REFERENCE PRODUCT		
			BACK BOX / MOUNTING	CONDUIT	POWER	DATA	MANUF.	MODEL	MOUNT / ACCESSORY
<b>1# EQUIPMENT RACK</b>									
1.1	FREE STANDING RACK (FSRU), FOR AUDIOVISUAL EQUIPMENT						MIDDLE ATLANTIC	BGR-4532	CASTER BASE
<b>2# CONNECTIVITY</b>									
2.1	JUNCTION BOX, (1 GANG)								
2.2	FLOOR BOX	FOR AUDIOVISUAL CONNECTIVITY (4" DEEP)					FSR	FL 500P-4	FSR 99509
2.3	TABLE ACCESS HATCH	BY OTHERS, FOR AUDIOVISUAL, POWER AND DATA CONNECTIONS							
2.5	JUNCTION BOX, (2 GANG)								
2.6	CEILING MOUNTED JUNCTION BOX	FOR AUDIOVISUAL CONNECTIVITY							
2.7	CONDUIT TERMINATION BOX	TO BE SIZED BY EC							
2.8	RECESSED CAMERA MOUNT								
2.10	IN-WALL BOX, (SMALL)						FSR	PWB-100	
2.12	IN-WALL BOX WITH INTEGRAL MOUNT (32")						RP VISION	WALLMATE 32	
2.13	TRUCK BOX						CSB UNLIMITED	S20-10020-UL50	PKS-3030
2.14	TRUCK PLATE						VHRLWIND	WB18B	WB1
2.15	BACKBOX FOR WALL MOUNTED TOUCH PANELS						Creston Electronics, Inc.	TST-602-DSW-BB	
<b>3# CONTROLS/SCHEDULING</b>									
3.1	TOUCHSCREEN CONTROL PANEL, 10" 11" WALL MOUNTED						Creston Electronics, Inc.	TSW-1000-B-S	
3.2	TOUCHSCREEN CONTROL PANEL, WIRELESS, 6" 7" WALL MOUNTED						Creston Electronics, Inc.	TST-462	TST-DSW-BB
3.3	TOUCHSCREEN CONTROL PANEL, 7" WALL MOUNTED						Creston Electronics, Inc.	TSW-760-B-S	
3.4	ROOM SCHEDULING PANEL, WALL MOUNTED						Creston Electronics, Inc.	TSS-7	TSW-760/1060-MSMK
3.5	ROOM SCHEDULING PANEL, GLASS MOUNTED WITH DATA FED FROM ABOVE						Creston Electronics, Inc.	TSS-7	TSW-760/1060-MSMK
3.6	BUTTON PANEL, WALL MOUNTED								
<b>4# AUDIO INPUT</b>									
4.1	ANTENNA FOR WIRELESS MICROPHONE						SHURE	UA864	
4.2	MICROPHONE, CEILING RECESSED BEAM FORMING						SENNHEISER	TC22	
<b>5# AUDIO OUTPUT</b>									
5.1	LOUDSPEAKER, CEILING RECESSED						CRESTRON	IC16T	
5.2	SURFACE MOUNTED OUTDOOR SPEAKERS						JBL	CONTROL 28	
5.3	ASSISTED LISTENING INDUCTION LOOP						LISTEN TECHNOLOGIES	FS3-D-L-L	
5.4	LOUDSPEAKER - SURFACE MOUNTED						JBL	CSS-1-S/T	
<b>6# VIDEO ORIGINS/SOURCE</b>									
6.1	VTX CAMERA - POLYCOM EAGLE EYE IV						POLYCOM	EAGLE EYE IV	SCT RCM-EE4
6.2	PTZ CAMERA, CEILING MOUNTED						SONY	BRC-X1000	CEILING MOUNT BRACKET
<b>7# VIDEO DISPLAY (TYPE 1)</b>									
7.43	43" FLAT PANEL DISPLAY, WALL MOUNTED						LG	43UT50H	CHEF TST105J
7.86	86" FLAT PANEL DISPLAY, WALL MOUNTED						NEC	C261Q	RPV WALLMATE 32 (2-12)
<b>8# VIDEO DISPLAY (TYPE 2)</b>									
8.1	MOTORIZED PROJECTOR LIFT	(1) DEDICATED 20A, 120V ELECTRICAL CIRCUIT AND DATA DROPS IN THE QUANTITIES SHOWN ARE REQUIRED. REQUIRES 30" CLEARANCE ABOVE CEILING					SYS LIFTS INC.	MNI 4.5	SYS PPL #2, #9
8.2	VIDEO PROJECTOR, 10K LASER						DIGITAL PROJECTION	E-VISION 10K 119-028	
<b>9# VIDEO DISPLAY (TYPE 3)</b>									
9.1	137" (72.5H X 119"W IMAGE AREA) FRONT PROJECTION SCREEN, 16:10 RATIO, CEILING RECESSED						DRAPER	143029U	BLACK DRCP AS REQUIRED

SCHED - AV SYS (BY FLOOR)	
AV SYSTEM	QTY
<b>LEVEL 1</b>	
BAR	1
BROADCAST SERVICE PANEL	1
DINING	2
GUEST ROOMS	13
MAIN LOBBY	1
OUTDOOR DINING	1
PRIVATE DINING	1
<b>LEVEL 2</b>	
AV RACK ROOM	1
FLEXIBLE EVENT SPACE	1
GUEST ROOMS	18
OFFICE	1
OUTDOOR EVENT SPACE	2
PRE FUNCTION	1
SUITE	1
VID CONF - LARGE	1
VID CONF - MEDM	1
<b>LEVEL 3</b>	
FITNESS CENTER	1
GUEST ROOMS	17
SUITE	1

SCHED - AV SYS (BY TYPE)	
LEVEL	QTY
AV RACK ROOM	
LEVEL 2	1
AV RACK ROOM: 1	
BAR	
LEVEL 1	1
BAR: 1	
BROADCAST SERVICE PANEL	
LEVEL 1	1
BROADCAST SERVICE PANEL: 1	
DINING	
LEVEL 1	2
DINING: 2	
FITNESS CENTER	
LEVEL 3	1
FITNESS CENTER: 1	
FLEXIBLE EVENT SPACE	
LEVEL 2	1
FLEXIBLE EVENT SPACE: 1	
GUEST ROOMS	
LEVEL 1	13
LEVEL 2	18
LEVEL 3	17
GUEST ROOMS: 48	
MAIN LOBBY	
LEVEL 1	1
MAIN LOBBY: 1	
OFFICE	
LEVEL 2	1
OFFICE: 1	
OUTDOOR DINING	
LEVEL 1	1
OUTDOOR DINING: 1	
OUTDOOR EVENT SPACE	
LEVEL 2	2
OUTDOOR EVENT SPACE: 2	
PRE FUNCTION	
LEVEL 2	1
PRE FUNCTION: 1	
PRIVATE DINING	
LEVEL 1	1
PRIVATE DINING: 1	
SUITE	
LEVEL 2	1
LEVEL 3	1
SUITE: 2	
VID CONF - LARGE	
LEVEL 2	1
VID CONF - LARGE: 1	
VID CONF - MEDM	
LEVEL 2	1
VID CONF - MEDM: 1	

SCHEDULE - ROOMS		
ROOM	AV SYSTEM	SHEET
<b>LEVEL 1</b>		
	OUTDOOR DINING	OUTDOOR DINING
	EXTERIOR	BROADCAST SERVICE PANEL
101	ROOM 2Q	GUEST ROOMS
103	ROOM 2Q	GUEST ROOMS
105	ROOM 2Q	GUEST ROOMS
107	ROOM 1K	GUEST ROOMS
109	ROOM 2Q	GUEST ROOMS
111	ROOM 1K	GUEST ROOMS
113	ROOM 2Q	GUEST ROOMS
115	ROOM 2Q	GUEST ROOMS
117	ROOM 2Q	GUEST ROOMS
119	ROOM 1K	GUEST ROOMS
121	ROOM 2Q	GUEST ROOMS
122	ROOM 1K	GUEST ROOMS
123	ROOM 1K	GUEST ROOMS
150	MAIN LOBBY	MAIN LOBBY
158	DINING	DINING
158	DINING	DINING
160	PRIVATE DINING	PRIVATE DINING
178	BAR	BAR
<b>LEVEL 2</b>		
200	ROOM 1K	GUEST ROOMS
201	SUITE	SUITE
202	ROOM 2Q	GUEST ROOMS
205	ROOM 2Q	GUEST ROOMS
207	ROOM 2Q	GUEST ROOMS
209	ROOM 2Q	GUEST ROOMS
210	ROOM 2Q	GUEST ROOMS
211	ROOM 1K	GUEST ROOMS
212	ROOM 2Q	GUEST ROOMS
213	ROOM 2Q	GUEST ROOMS
214	ROOM 2Q	GUEST ROOMS
215	ROOM 1K	GUEST ROOMS
216	ROOM 2Q	GUEST ROOMS
217	ROOM 2Q	GUEST ROOMS
218	ROOM 1K- ADA	GUEST ROOMS
219	ROOM 2Q	GUEST ROOMS
221	ROOM 2Q	GUEST ROOMS
222	ROOM 1K	GUEST ROOMS
223	ROOM 1K	GUEST ROOMS
250	PRE-FUNCTION	PRE FUNCTION
251	MED. CONF. ROOM	VID CONF - MEDM
252	FLEXIBLE EVENT SPACE	FLEXIBLE EVENT SPACE
255	LARGE CONF. ROOM	VID CONF - LARGE
258	AVIT	AV RACK ROOM
260	OFFICE	OFFICE
421	OUTDOOR EVENT SPACE	OUTDOOR EVENT SPACE
421	OUTDOOR SNUG	OUTDOOR EVENT SPACE
<b>LEVEL 3</b>		
300	ROOM 1K	GUEST ROOMS
301	SUITE	SUITE
305	ROOM 2Q	GUEST ROOMS
307	ROOM 2Q	GUEST ROOMS
309	ROOM 2Q	GUEST ROOMS
310	ROOM 2Q	GUEST ROOMS
311	ROOM 1K	GUEST ROOMS
312	ROOM 2Q	GUEST ROOMS
313	ROOM 2Q	GUEST ROOMS
314	ROOM 2Q	GUEST ROOMS
315	ROOM 1K	GUEST ROOMS
316	ROOM 2Q	GUEST ROOMS
317	ROOM 2Q	GUEST ROOMS
318	ROOM 2Q - ADA	GUEST ROOMS
319	ROOM 1K	GUEST ROOMS
321	ROOM 2Q	GUEST ROOMS
322	ROOM 1K	GUEST ROOMS
323	ROOM 1K	GUEST ROOMS
331	FITNESS	FITNESS CENTER

NOTES



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AUDIOVISUAL SCHEDULES  
SCALE:

TA-002

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**1** AUDIOVISUAL OVERALL PLAN - INN LEVEL 1  
SCALE: 1/8" = 1'-0"

**NOTES**

AV Systems

- DINING
- GUEST ROOMS
- MAIN LOBBY

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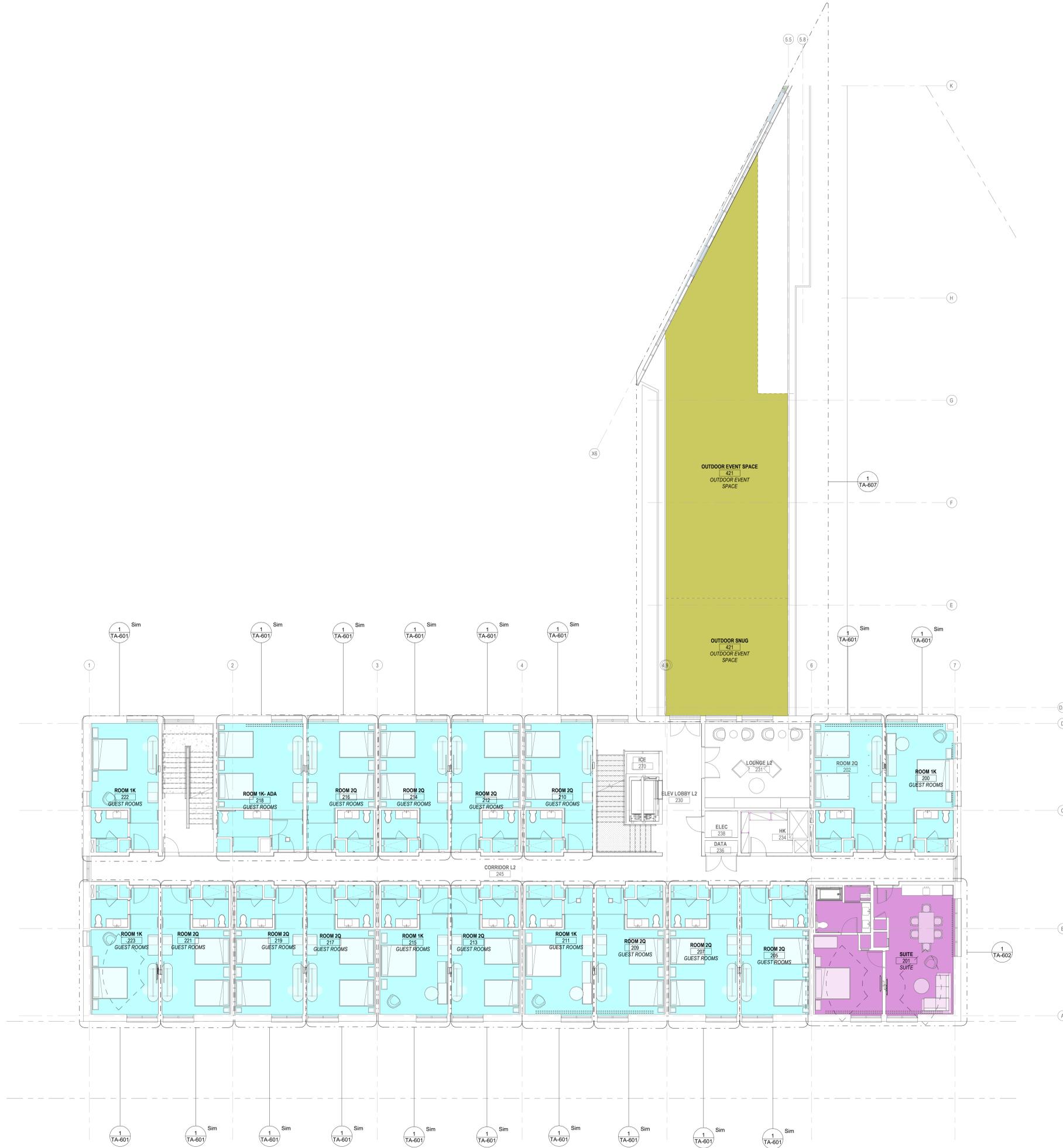
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AUDIOVISUAL OVERALL PLAN - INN LEVEL 01  
SCALE: 1/8" = 1'-0"

**TA-201**

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AV Systems	NOTES
[Grey Box]	AV RACK ROOM
[Blue Box]	OFFICE
[Green Box]	VID CONF - MEDM
[Light Green Box]	FLEXIBLE EVENT SPACE
[Cyan Box]	GUEST ROOMS
[Yellow-Green Box]	OUTDOOR EVENT SPACE
[Light Blue Box]	PRE FUNCTION
[Purple Box]	SUITE

**1** AUDIOVISUAL OVERALL PLAN - INN LEVEL 2  
SCALE: 1/8" = 1'-0"

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AUDIOVISUAL OVERALL PLAN - INN LEVEL 02  
SCALE: 1/8" = 1'-0"

TA-202

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**1** AUDIOVISUAL OVERALL PLAN - INN LEVEL 3  
SCALE: 1/8" = 1'-0"

**NOTES**

- AV Systems
- FITNESS CENTER
  - GUEST ROOMS
  - SUITE



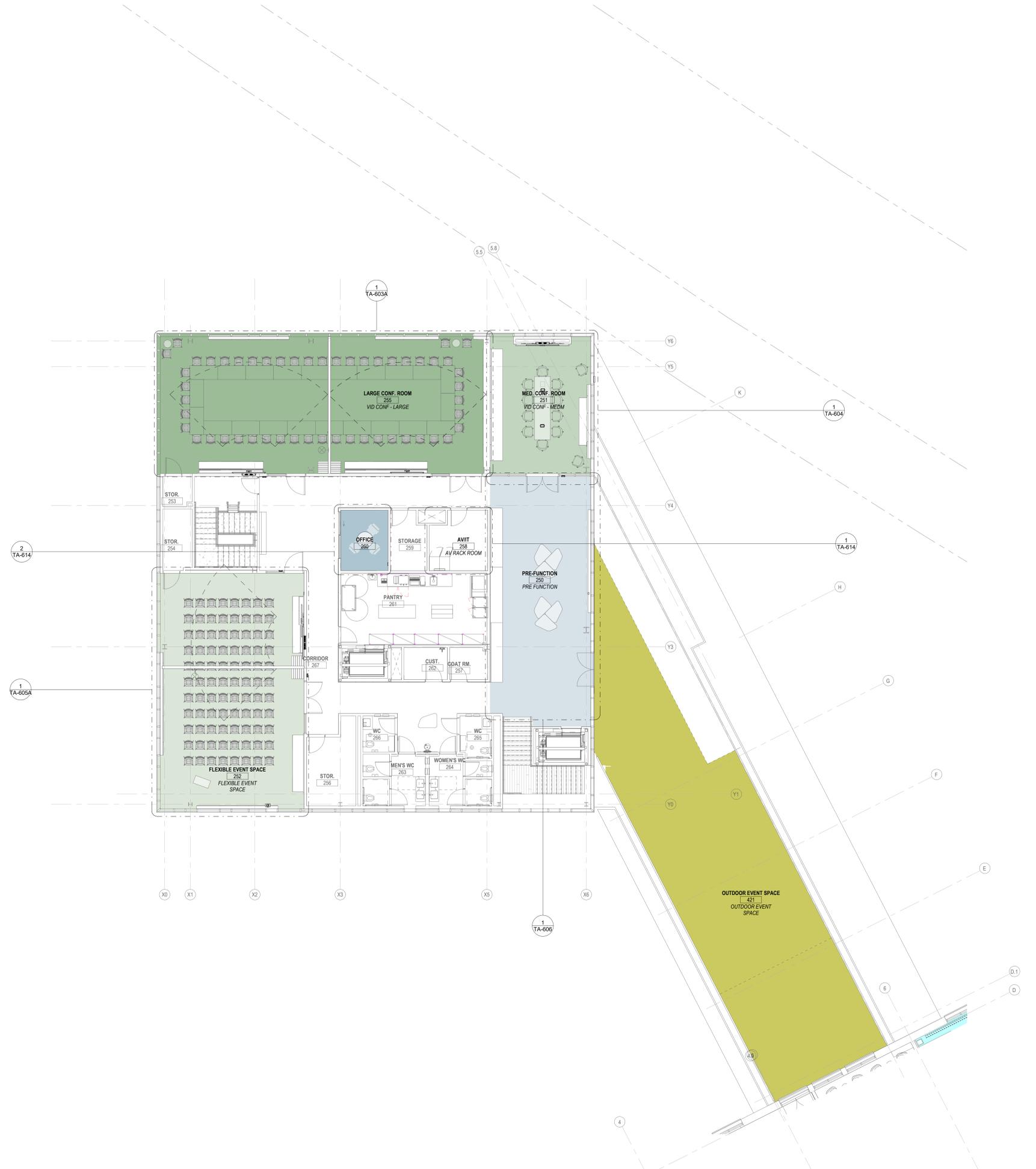
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**1** AUDIOVISUAL OVERALL PLAN - INSTITUTE LEVEL 2  
SCALE: 1/8" = 1'-0"



**NOTES**

- AV Systems
- AV RACK ROOM
  - OFFICE
  - VID CONF - MEDM
  - VID CONF - LARGE
  - FLEXIBLE EVENT SPACE
  - GUEST ROOMS
  - OUTDOOR EVENT SPACE
  - PRE FUNCTION

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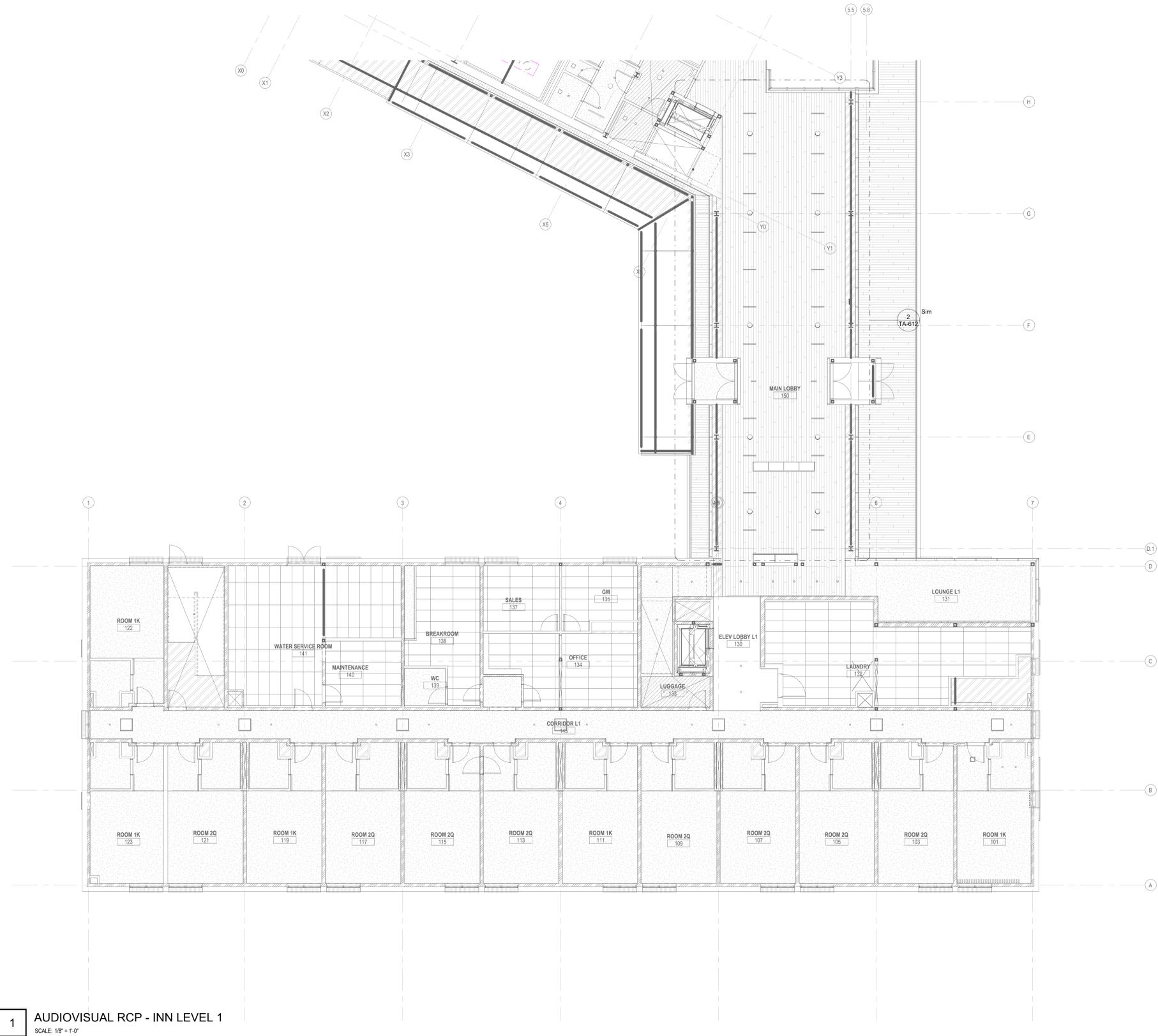
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AUDIOVISUAL  
OVERALL  
PLAN -  
INSTITUTE  
LEVEL 02  
SCALE: 1/8" = 1'-0"

TA-205

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**1** AUDIOVISUAL RCP - INN LEVEL 1  
SCALE: 1/8" = 1'-0"

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**1** AUDIOVISUAL RCP - INN LEVEL 2  
SCALE: 1/8" = 1'-0"

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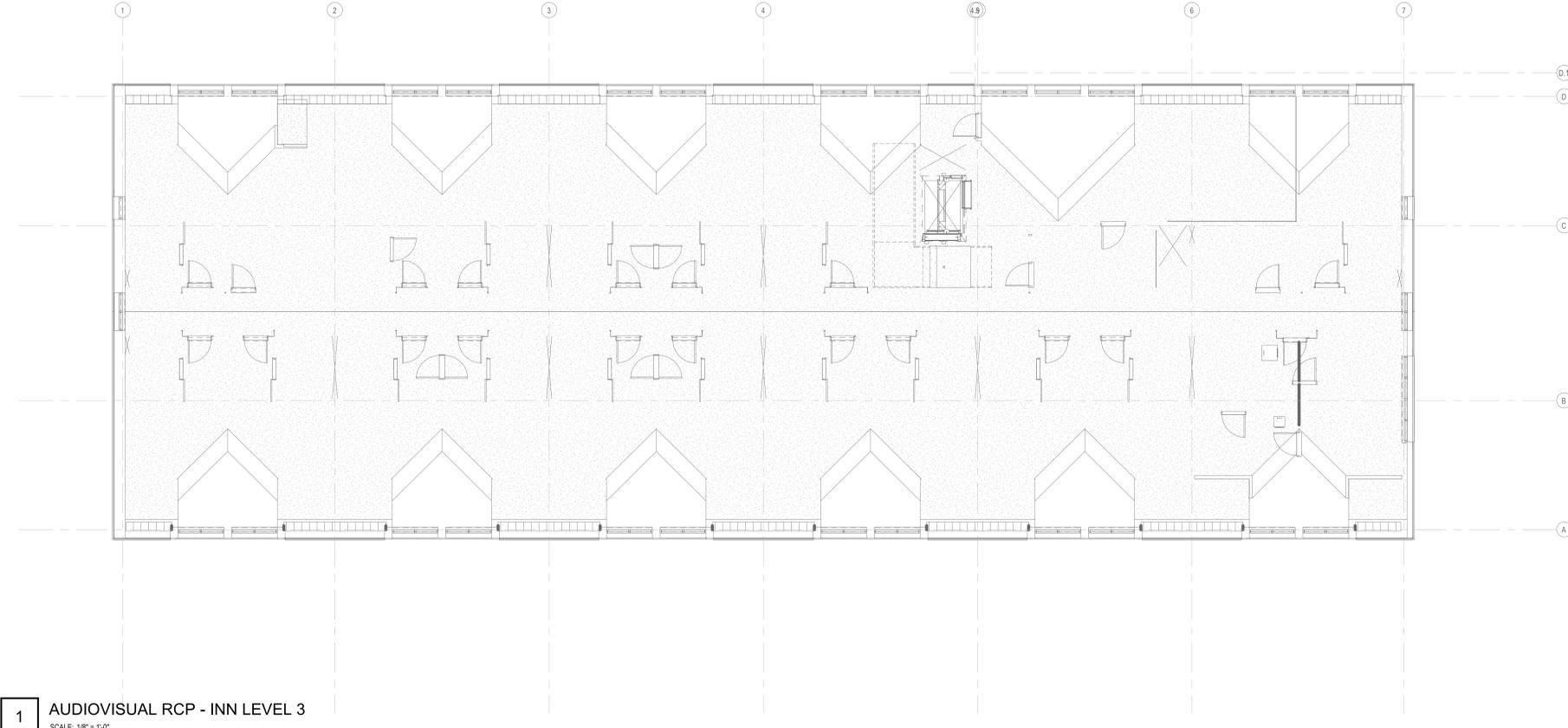
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AUDIOVISUAL  
OVERALL  
RCP - INN  
LEVEL 02  
SCALE: 1/8" = 1'-0"

TA-302



1 AUDIOVISUAL RCP - INN LEVEL 3  
SCALE: 1/8" = 1'-0"



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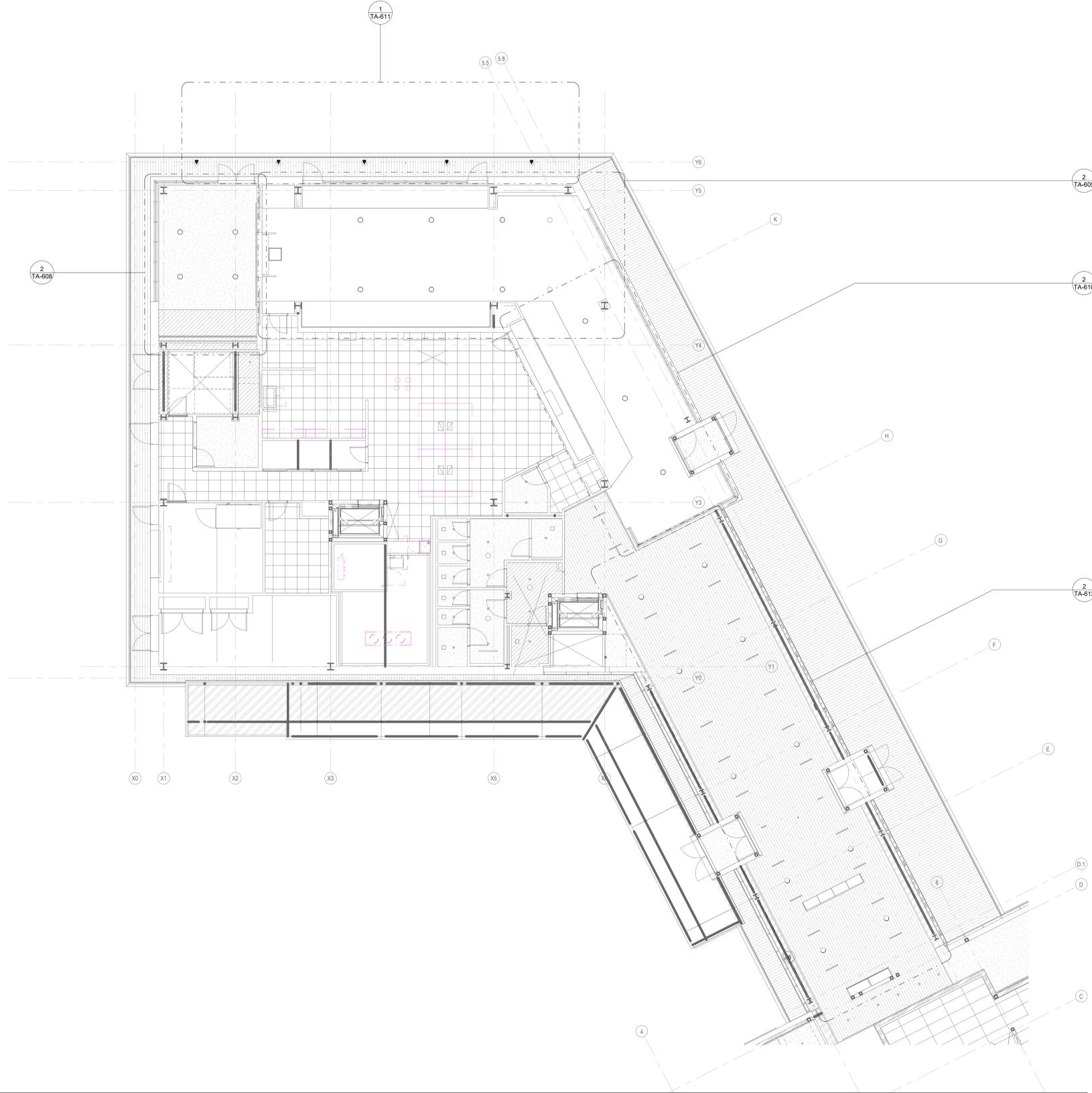
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AUDIOVISUAL  
OVERALL  
RCP - INN  
LEVEL 03  
SCALE: 1/8" = 1'-0"

TA-303

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**1** AUDIOVISUAL RCP - INSTITUTE LEVEL 1  
SCALE: 1/8" = 1'-0"



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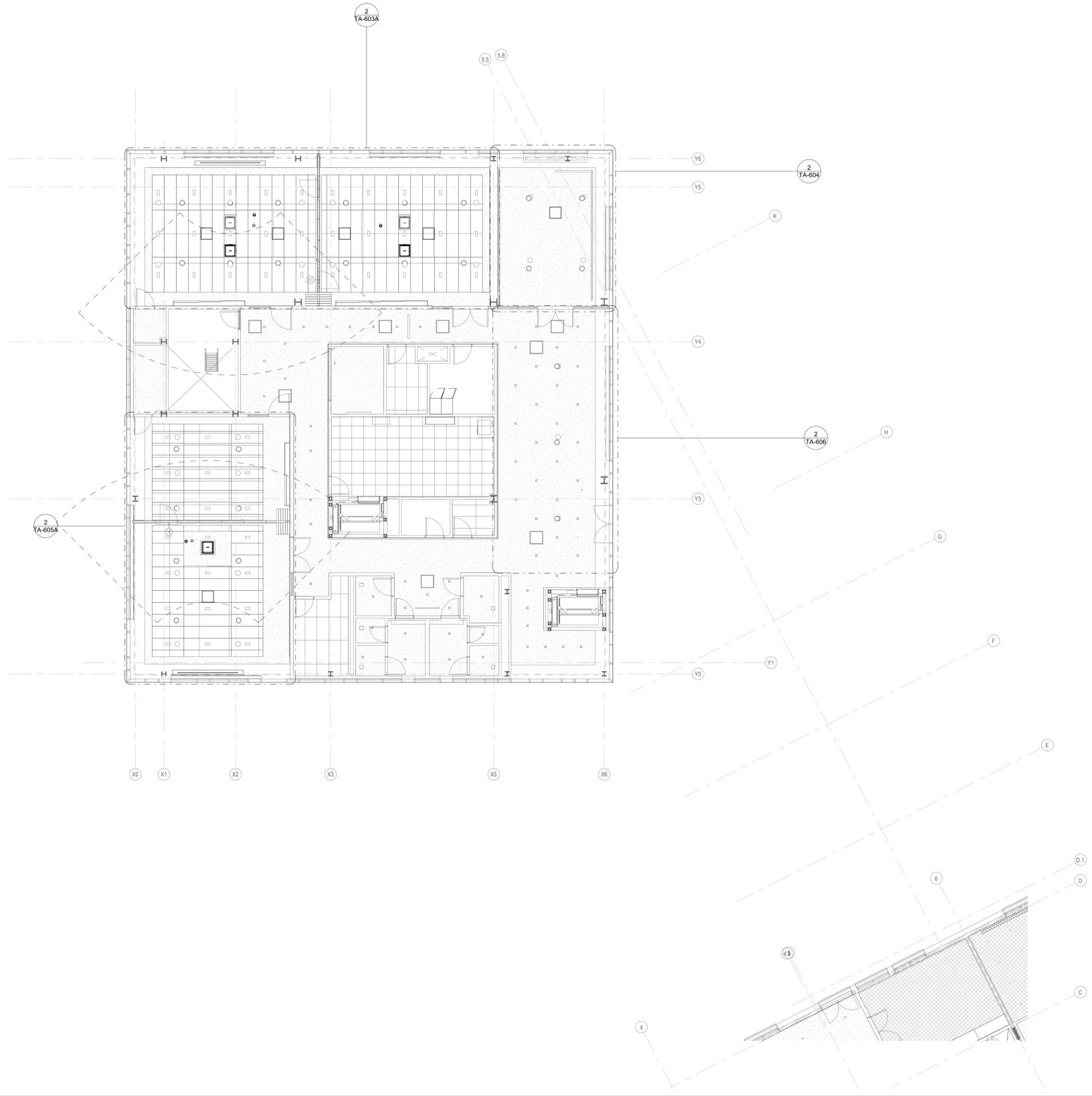
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AUDIOVISUAL  
OVERALL  
RCP -  
INSTITUTE  
LEVEL 01  
SCALE: 1/8" = 1'-0"

TA-304

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1 AUDIOVISUAL RCP - INSTITUTE LEVEL 2  
SCALE: 1/8" = 1'-0"



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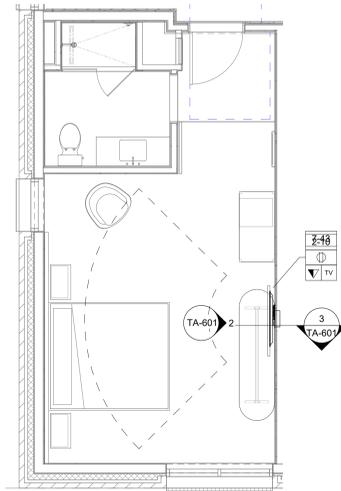
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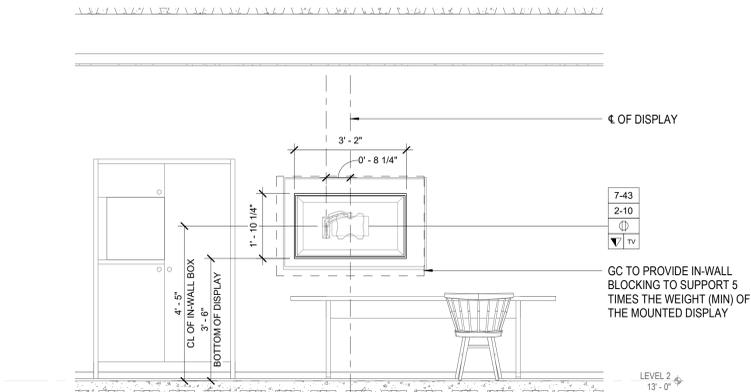
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AUDIOVISUAL  
OVERALL  
RCP -  
INSTITUTE  
LEVEL 02  
SCALE: 1/8" = 1'-0"

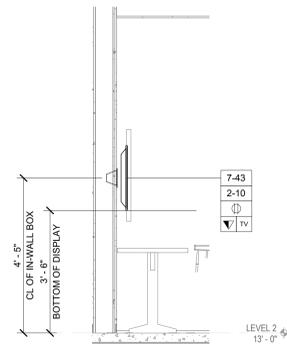
TA-305



**1** AUDIOVISUAL ENLARGED PLAN - GUEST ROOMS (TYP)  
SCALE: 1/4" = 1'-0"



**2** AUDIOVISUAL ELEVATION - GUEST ROOM (TYP)  
SCALE: 1/2" = 1'-0"



**3** AUDIOVISUAL SECTION - GUEST ROOM (TYP)  
SCALE: 1/2" = 1'-0"

NOTE:  
FOR REFERENCE AND COORDINATION ONLY. DISPLAY AND MOUNT FURNISH AND  
INSTALL BY OWNER.

AUDIOVISUAL DEVICE KEY	
TAG	DESCRIPTION
1-#	EQUIPMENT RACK
1-1	FREE STANDING RACK (45RU); FOR AUDIOVISUAL EQUIPMENT
2-#	CONNECTIVITY
2-1	JUNCTION BOX; (1 GANG)
2-2	FLOOR BOX
2-3	TABLE ACCESS HATCH
2-5	JUNCTION BOX; (2 GANG)
2-6	CEILING MOUNTED JUNCTION BOX
2-7	CONDUIT TERMINATION BOX
2-8	RECESSED CAMERA MOUNT
2-10	IN-WALL BOX; (SMALL)
2-12	IN-WALL BOX WITH INTEGRAL MOUNT (32")
2-13	TRUCK BOX
2-14	TRUCK PLATE
2-15	BACKBOX FOR WALL MOUNTED TOUCH PANELS
3-#	CONTROL/SCHEDULING
3-1	TOUCHSCREEN CONTROL PANEL; 10.1" WALL MOUNTED
3-2	TOUCHSCREEN CONTROL PANEL; WIRELESS, 8.7" WALL MOUNTED
3-3	TOUCHSCREEN CONTROL PANEL; 7" WALL MOUNTED
3-4	ROOM SCHEDULING PANEL; WALL MOUNTED
3-5	ROOM SCHEDULING PANEL; GLASS MOUNTED WITH DATA FED FROM ABOVE
3-6	BUTTON PANEL; WALL MOUNTED
4-#	AUDIO INPUT
4-1	ANTENNA FOR WIRELESS MICROPHONE
4-2	MICROPHONE; CEILING RECESSED BEAM FORMING
5-#	AUDIO OUTPUT
5-1	LOUDSPEAKER; CEILING RECESSED
5-2	SURFACE MOUNTED OUTDOOR SPEAKERS
5-3	ASSISTED LISTENING INDUCTION LOOP
5-4	LOUDSPEAKER - SURFACE MOUNTED
6-#	VIDEO ORIGIN/SOURCE
6-1	VTC CAMERA - POLYCOM EAGLE EYE IV
6-2	PTZ CAMERA; CEILING MOUNTED
7-#	VIDEO DISPLAY (TYPE 1)
7-43	43" FLAT PANEL DISPLAY; WALL MOUNTED
7-86	86" FLAT PANEL DISPLAY; WALL MOUNTED
8-#	VIDEO DISPLAY (TYPE 2)
8-1	MOTORIZED PROJECTOR LIFT
8-2	VIDEO PROJECTOR, 10K LASER
9-#	VIDEO DISPLAY (TYPE 3)
9-1	137" (72.5"W X 116"W IMAGE AREA) FRONT PROJECTION SCREEN, 16:10 RATIO; CEILING RECESSED

TA - EQUIPMENT TAG LEGEND	
XX-X	AV DEVICE TAG
Ⓢ	REQUIRED DATA
Ⓜ	REQUIRED AC (DUPEX, QUADPLEX, TWIST LOCK)

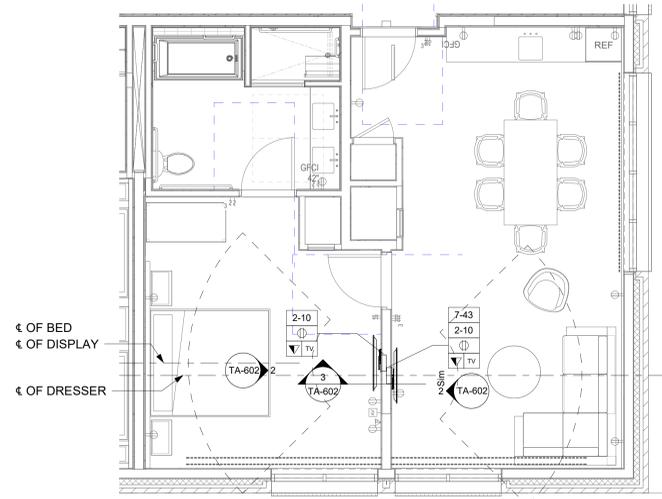
TA - ELECTRICAL SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
Ⓜ	MOTORIZED PROJECTION SCREEN, PROJECTOR LIFT OR SHADE WITH LOW-VOLTAGE INTERFACE; SUPPLIED WITH EQUIPMENT. MOUNT ABOVE FINISHED CEILING UNLESS OTHERWISE INDICATED. MAINTENANCE ACCESS TO BOX SHALL BE PROVIDED IN NON-ACCESSIBLE CEILINGS. PROVIDE UTILITY GRADE 120VAC UNLESS OTHERWISE INDICATED.
Ⓜ	5-20R EDISON TYPE POWER RECEPTACLE, DUPEX 120VAC, 20AMP.
Ⓜ	5-20R EDISON TYPE POWER RECEPTACLE, QUADPLEX 120VAC, 20AMP.
Ⓜ	TELECOM VOICE/DATA OUTLET BOX. REFER TO TELECOM DRAWINGS FOR INSTALLATION DETAILS.
TV	CABLE TELEVISION CONNECTION - BY OTHERS

- NOTE:**  
**DEVICE MOUNTING COORDINATION WITH ARCHITECTURE MILLWORK**
- REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR COORDINATED AV INFRASTRUCTURE AND ELECTRICAL DEVICE LOCATIONS.
  - DISPLAYS ARE TO BE MOUNTED CENTERED ON THE CENTERLINE OF THE TABLE WHICH MAY NOT BE THE CENTERLINE OF THE MOUNTING WALL.
  - STUD PLACEMENT TO BE COORDINATED WITH DISPLAY IN-WALL BOX MOUNTING TO KEEP IN-WALL BOX ALONG THE CENTERLINE OF THE DISPLAY.
  - WHERE THE DISPLAYS ARE MOUNTED BACK-TO-BACK ON A COMMON PARTITION, THE DISPLAY IN-WALL BOXES ARE TO BE OFFSET AROUND A CENTER STUD.
  - DISPLAY WIDTH AND HEIGHTS SHOWN ARE REPRESENTATIVE AND ARE TO BE CONFIRMED WITH THE FINAL CONTRACTOR PROVIDED CUT-SHEETS PRIOR TO ROUGHING AND DISPLAY RECESSES OR COORDINATING OTHER CRITICAL CLEARANCES.
  - WHEN RECESSED, PROVIDE A 2" MINIMUM CLEARANCE AROUND TOP, BOTTOM AND SIDES OF DISPLAY.
  - ALL TOUCH PANEL BACKBOXES MOUNTED ON THE SAME WALL AS DISPLAYS ARE TO BE HELD 12" CLEAR BETWEEN THE EDGE OF THE DISPLAY AND THE CENTERLINE OF THE TOUCH PANEL BACKBOX.
  - ROOM SCHEDULING DISPLAY CABLING PENETRATIONS IN THE FLOOR/CEILING ARE TO BE COORDINATED WITH EITHER SOLID PARTITION CENTERLINES OR, WHEN MOUNTED ON GLASS, WITH THE CENTERLINE OF THE DOOR EXTRUSION TO ALLOW A NETWORK PATCH CABLE TO BE RUN WITHIN THE EXTRUSION.
  - ALL CONTROL AND SCHEDULING DEVICE HEIGHTS TO BE COORDINATED WITH ARCHITECTURAL ELEVATIONS AND MUST ALLOW THE TOP OF THE DEVICE TO BE UNDER 48" PER ADA.
  - ALL CEILING SPEAKERS AND CEILING MICROPHONES ARE TO BE MOUNTED SYMMETRICAL TO CENTERLINE OF TABLE WHICH MAY NOT BE CENTERLINE OF CEILING GRID.
  - TABLE HATCHES ARE SHOWN TO INDICATE NUMBER OF LOCATIONS IN TABLE WHICH REQUIRE AV ACCOMMODATIONS. TABLE HATCH LOCATIONS AND PLATE REQUIREMENTS TO BE COORDINATED WITH THE FURNITURE PACKAGE.
  - FLOOR BOXES SERVING TABLES ARE TO BE ALIGNED TO THE INTERIOR SIDE OF A TABLE LEG ACCOMMODATING VERTICAL POWER AND SIGNAL CABLE ROUTING.

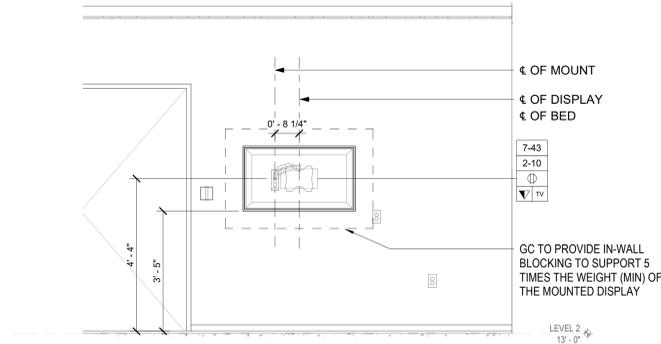
ISSUE DATES

03/20/19	10% SCHEMATIC DESIGN
03/25/19	PLANNING BOARD
07/29/19	75% DESIGN DEVELOPMENT
08/30/19	100% DESIGN DEVELOPMENT
12/10/19	50% CONSTRUCTION DOCUMENTS
03/30/20	CD PROGRESS SET
05/01/20	ISSUED FOR CONSTRUCTION
07/01/20	GMP SET
08/21/20	BP SET

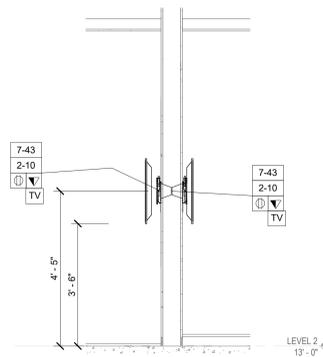
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**1** AUDIOVISUAL ENLARGED PLAN - GUEST SUITE (TYP)  
SCALE: 1/4" = 1'-0"



**2** AUDIOVISUAL ELEVATION - GUEST SUITE (TYP)  
SCALE: 1/2" = 1'-0"



**3** AUDIOVISUAL SECTION - GUEST SUITE (TYP)  
SCALE: 1/2" = 1'-0"

NOTE:  
FOR REFERENCE AND COORDINATION ONLY. DISPLAY AND MOUNT FURNISH AND INSTALL BY OWNER.

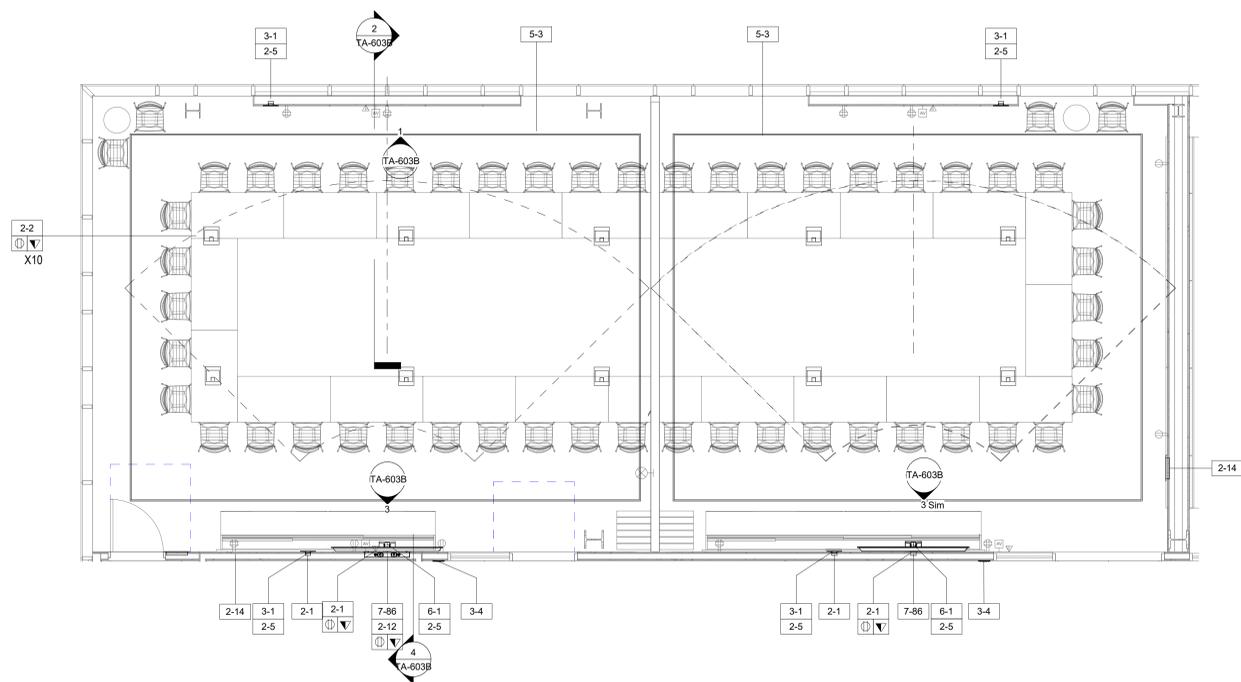
AUDIOVISUAL DEVICE KEY	
TAG	DESCRIPTION
1-#	EQUIPMENT RACK
1-1	FREE STANDING RACK (45RU); FOR AUDIOVISUAL EQUIPMENT
2-#	CONNECTIVITY
2-1	JUNCTION BOX; (1 GANG)
2-2	FLOOR BOX
2-3	TABLE ACCESS HATCH
2-5	JUNCTION BOX; (2 GANG)
2-6	CEILING MOUNTED JUNCTION BOX
2-7	CONDUIT TERMINATION BOX
2-8	RECESSED CAMERA MOUNT
2-10	IN-WALL BOX; (SMALL)
2-12	IN-WALL BOX WITH INTEGRAL MOUNT (32")
2-13	TRUCK BOX
2-14	TRUCK PLATE
2-15	BACKBOX FOR WALL MOUNTED TOUCH PANELS
3-#	CONTROL/SCHEDULING
3-1	TOUCHSCREEN CONTROL PANEL; 10.1" WALL MOUNTED
3-2	TOUCHSCREEN CONTROL PANEL; WIRELESS, 8.7" WALL MOUNTED
3-3	TOUCHSCREEN CONTROL PANEL; 7" WALL MOUNTED
3-4	ROOM SCHEDULING PANEL; WALL MOUNTED
3-5	ROOM SCHEDULING PANEL; GLASS MOUNTED WITH DATA FED FROM ABOVE
3-6	BUTTON PANEL; WALL MOUNTED
4-#	AUDIO INPUT
4-1	ANTENNA FOR WIRELESS MICROPHONE
4-2	MICROPHONE; CEILING RECESSED BEAM FORMING
5-#	AUDIO OUTPUT
5-1	LOUDSPEAKER; CEILING RECESSED
5-2	SURFACE MOUNTED OUTDOOR SPEAKERS
5-3	ASSISTED LISTENING INDUCTION LOOP
5-4	LOUDSPEAKER - SURFACE MOUNTED
6-#	VIDEO ORIGIN/SOURCE
6-1	VTC CAMERA - POLYCOM EAGLE EYE IV
6-2	PTZ CAMERA; CEILING MOUNTED
7-#	VIDEO DISPLAY (TYPE 1)
7-43	43" FLAT PANEL DISPLAY; WALL MOUNTED
7-86	86" FLAT PANEL DISPLAY; WALL MOUNTED
8-#	VIDEO DISPLAY (TYPE 2)
8-1	MOTORIZED PROJECTOR LIFT
8-2	VIDEO PROJECTOR, 10K LASER
9-#	VIDEO DISPLAY (TYPE 3)
9-1	137" (72.51H X 116"W IMAGE AREA) FRONT PROJECTION SCREEN, 16:10 RATIO; CEILING RECESSED

TA - EQUIPMENT TAG LEGEND	
XX-X	AV DEVICE TAG
⊕	REQUIRED DATA
⊕	REQUIRED AC (DUPLX, QUADPLX, TWIST LOCK)

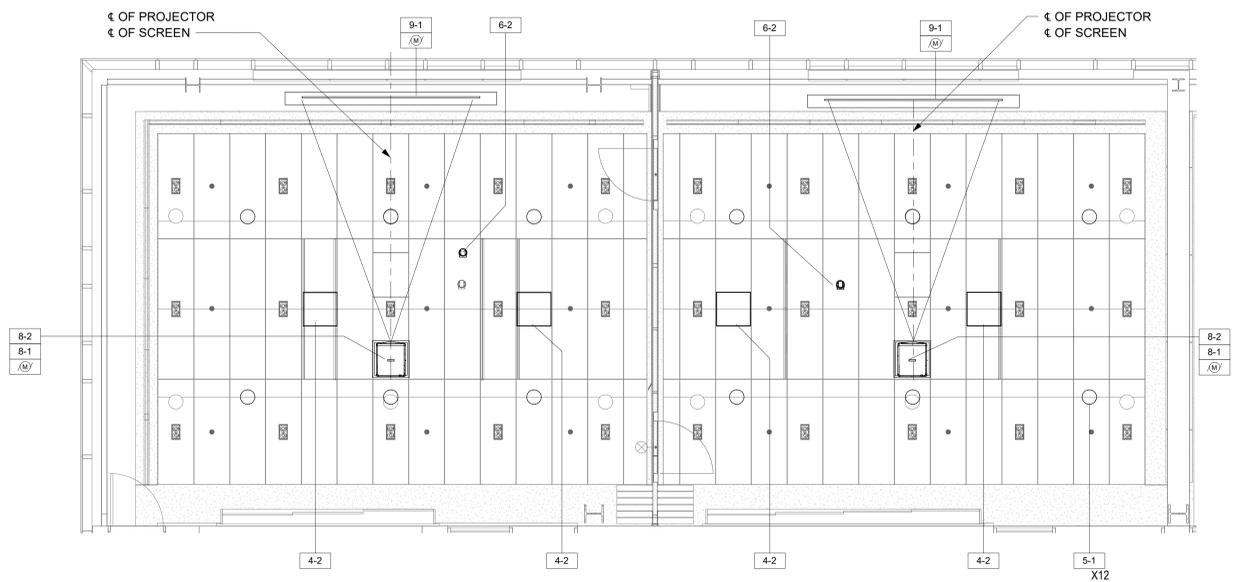
  

TA - ELECTRICAL SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
⊕	MOTORIZED PROJECTION SCREEN, PROJECTOR LIFT OR SHADE WITH LOW-VOLTAGE INTERFACE; SUPPLIED WITH EQUIPMENT. MOUNT ABOVE FINISHED CEILING UNLESS OTHERWISE INDICATED. MAINTENANCE ACCESS TO BOX SHALL BE PROVIDED IN NON-ACCESSIBLE CEILINGS. PROVIDE UTILITY GRADE 120VAC UNLESS OTHERWISE INDICATED.
⊕	5-20R EDISON TYPE POWER RECEPTACLE, DUPLX 120VAC, 20AMP.
⊕	5-20R EDISON TYPE POWER RECEPTACLE, QUADPLX 120VAC, 20AMP.
▽	TELECOM VOICE/DATA OUTLET BOX. REFER TO TELECOM DRAWINGS FOR INSTALLATION DETAILS.
TV	CABLE TELEVISION CONNECTION - BY OTHERS

- NOTE:**  
**DEVICE MOUNTING COORDINATION WITH ARCHITECTURE MILLWORK**
- REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR COORDINATED AV INFRASTRUCTURE AND ELECTRICAL DEVICE LOCATIONS.
  - DISPLAYS ARE TO BE MOUNTED CENTERED ON THE CENTERLINE OF THE TABLE WHICH MAY NOT BE THE CENTERLINE OF THE MOUNTING WALL.
  - STUD PLACEMENT TO BE COORDINATED WITH DISPLAY IN-WALL BOX MOUNTING TO KEEP IN-WALL BOX ALONG THE CENTERLINE OF THE DISPLAY.
  - WHERE THE DISPLAYS ARE MOUNTED BACK-TO-BACK ON A COMMON PARTITION, THE DISPLAY IN-WALL BOXES ARE TO BE OFFSET AROUND A CENTER STUD.
  - DISPLAY WIDTH AND HEIGHTS SHOWN ARE REPRESENTATIVE AND ARE TO BE CONFIRMED WITH THE FINAL CONTRACTOR PROVIDED CUT-SHEETS PRIOR TO ROUGHING AND DISPLAY RECESSES OR COORDINATING OTHER CRITICAL CLEARANCES. WHEN RECESSED, PROVIDE A 2" MINIMUM CLEARANCE AROUND TOP, BOTTOM AND SIDES OF DISPLAY.
  - ALL TOUCH PANEL BACKBOXES MOUNTED ON THE SAME WALL AS DISPLAYS ARE TO BE HELD 12" CLEAR BETWEEN THE EDGE OF THE DISPLAY AND THE CENTERLINE OF THE TOUCH PANEL BACKBOX.
  - ROOM SCHEDULING DISPLAY CABLING PENETRATIONS IN THE FLOOR/CEILING ARE TO BE COORDINATED WITH EITHER SOLID PARTITION CENTERLINES OR, WHEN MOUNTED ON GLASS, WITH THE CENTERLINE OF THE DOOR EXTRUSION TO ALLOW A NETWORK PATCH CABLE TO BE RUN WITHIN THE EXTRUSION.
  - ALL CONTROL AND SCHEDULING DEVICE HEIGHTS TO BE COORDINATED WITH ARCHITECTURAL ELEVATIONS AND MUST ALLOW THE TOP OF THE DEVICE TO BE UNDER 48" PER ADA.
  - ALL CEILING SPEAKERS AND CEILING MICROPHONES ARE TO BE MOUNTED SYMMETRICAL TO CENTERLINE OF TABLE WHICH MAY NOT BE CENTERLINE OF CEILING GRID.
  - TABLE HATCHES ARE SHOWN TO INDICATE NUMBER OF LOCATIONS IN TABLE WHICH REQUIRE AV ACCOMMODATIONS. TABLE HATCH LOCATIONS AND PLATE REQUIREMENTS TO BE COORDINATED WITH THE FURNITURE PACKAGE.
  - FLOOR BOXES SERVING TABLES ARE TO BE ALIGNED TO THE INTERIOR SIDE OF A TABLE LEG ACCOMMODATING VERTICAL POWER AND SIGNAL CABLE ROUTING.



**1** AUDIOVISUAL ENLARGED PLAN - LARGE CONFERENCE ROOM 225  
SCALE: 1/4" = 1'-0"



**2** AUDIOVISUAL - ENLARGED RCP - LARGE CONFERENCE ROOM 225  
SCALE: 1/4" = 1'-0"

AUDIOVISUAL DEVICE KEY	
TAG	DESCRIPTION
1-#	EQUIPMENT RACK
1-1	FREE STANDING RACK (45RU); FOR AUDIOVISUAL EQUIPMENT
2-#	CONNECTIVITY
2-1	JUNCTION BOX; (1 GANG)
2-2	FLOOR BOX
2-3	TABLE ACCESS HATCH
2-5	JUNCTION BOX; (2 GANG)
2-6	CEILING MOUNTED JUNCTION BOX
2-7	CONDUIT TERMINATION BOX
2-8	RECESSED CAMERA MOUNT
2-10	IN-WALL BOX; (SMALL)
2-12	IN-WALL BOX WITH INTEGRAL MOUNT (32")
2-13	TRUCK BOX
2-14	TRUCK PLATE
2-15	BACKBOX FOR WALL MOUNTED TOUCH PANELS
3-#	CONTROL/SCHEDULING
3-1	TOUCHSCREEN CONTROL PANEL; 10.1" WALL MOUNTED
3-2	TOUCHSCREEN CONTROL PANEL; WIRELESS, 8.7" WALL MOUNTED
3-3	TOUCHSCREEN CONTROL PANEL; 7" WALL MOUNTED
3-4	ROOM SCHEDULING PANEL; WALL MOUNTED
3-5	ROOM SCHEDULING PANEL; GLASS MOUNTED WITH DATA FED FROM ABOVE
3-6	BUTTON PANEL; WALL MOUNTED
4-#	AUDIO INPUT
4-1	ANTENNA FOR WIRELESS MICROPHONE
4-2	MICROPHONE; CEILING RECESSED BEAM FORMING
5-#	AUDIO OUTPUT
5-1	LOUDSPEAKER; CEILING RECESSED
5-2	SURFACE MOUNTED OUTDOOR SPEAKERS
5-3	ASSISTED LISTENING INDUCTION LOOP
5-4	LOUDSPEAKER - SURFACE MOUNTED
6-#	VIDEO ORIGIN/SOURCE
6-1	VTC CAMERA - POLYCOM EAGLE EYE IV
6-2	PTZ CAMERA; CEILING MOUNTED
7-#	VIDEO DISPLAY (TYPE 1)
7-43	43" FLAT PANEL DISPLAY; WALL MOUNTED
7-86	86" FLAT PANEL DISPLAY; WALL MOUNTED
8-#	VIDEO DISPLAY (TYPE 2)
8-1	MOTORIZED PROJECTOR LIFT
8-2	VIDEO PROJECTOR, 10K LASER
9-#	VIDEO DISPLAY (TYPE 3)
9-1	137" (72.5"W X 116"W IMAGE AREA) FRONT PROJECTION SCREEN, 16:10 RATIO; CEILING RECESSED

CONTRACTOR

CONSULTANT

ISSUE DATES	
03/20/19	10% SCHEMATIC DESIGN
03/20/19	PLANNING BOARD
07/20/19	75% DESIGN DEVELOPMENT
08/20/19	100% DESIGN DEVELOPMENT
12/10/19	50% CONSTRUCTION DOCUMENTS
03/03/20	CD PROGRESS SET
05/01/20	ISSUED FOR CONSTRUCTION
07/01/20	GMP SET
08/01/20	BID SET

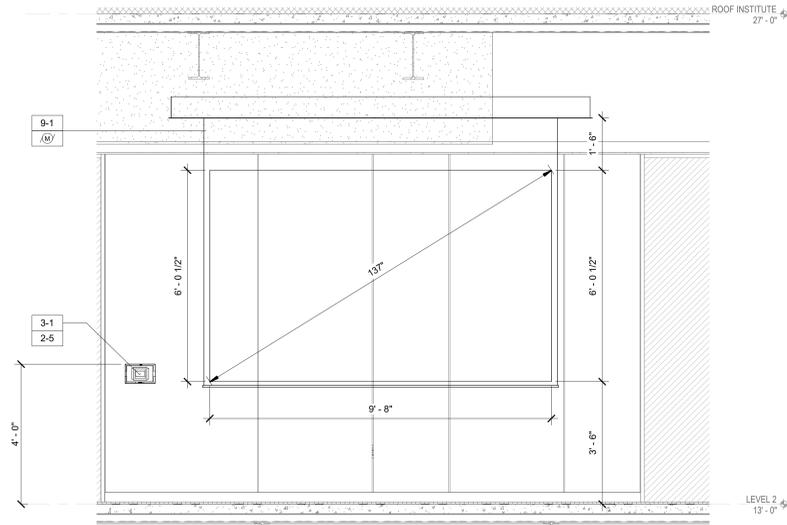
TA - EQUIPMENT TAG LEGEND	
XX-X	AV DEVICE TAG
( )	REQUIRED DATA
( )	REQUIRED AC (DUPLX, QUADPLX, TWIST LOCK)

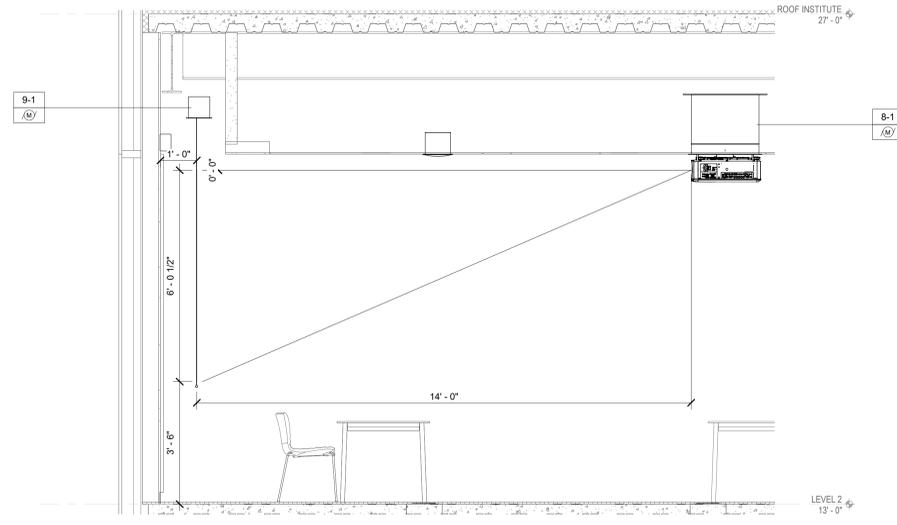
TA - ELECTRICAL SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
(M)	MOTORIZED PROJECTION SCREEN, PROJECTOR LIFT OR SHADE WITH LOW-VOLTAGE INTERFACE; SUPPLIED WITH EQUIPMENT. MOUNT ABOVE FINISHED CEILING UNLESS OTHERWISE INDICATED. MAINTENANCE ACCESS TO BOX SHALL BE PROVIDED IN NON-ACCESSIBLE CEILINGS. PROVIDE UTILITY GRADE 120VAC UNLESS OTHERWISE INDICATED.
(E)	5-20R EDISON TYPE POWER RECEPTACLE, DUPLX 120VAC, 20AMP.
(Q)	5-20R EDISON TYPE POWER RECEPTACLE, QUADPLX 120VAC, 20AMP.
(V)	TELECOM VOICE/DATA OUTLET BOX. REFER TO TELECOM DRAWINGS FOR INSTALLATION DETAILS.
(TV)	CABLE TELEVISION CONNECTION - BY OTHERS

- NOTE:**  
**DEVICE MOUNTING COORDINATION WITH ARCHITECTURE MILLWORK**
- REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR COORDINATED AV INFRASTRUCTURE AND ELECTRICAL DEVICE LOCATIONS.
  - DISPLAYS ARE TO BE MOUNTED CENTERED ON THE CENTERLINE OF THE TABLE WHICH MAY NOT BE THE CENTERLINE OF THE MOUNTING WALL.
  - STUD PLACEMENT TO BE COORDINATED WITH DISPLAY IN-WALL BOX MOUNTING TO KEEP IN-WALL BOX ALONG THE CENTERLINE OF THE DISPLAY.
  - WHERE THE DISPLAYS ARE MOUNTED BACK-TO-BACK ON A COMMON PARTITION, THE DISPLAY IN-WALL BOXES ARE TO BE OFFSET AROUND A CENTER STUD.
  - DISPLAY WIDTH AND HEIGHTS SHOWN ARE REPRESENTATIVE AND ARE TO BE CONFIRMED WITH THE FINAL CONTRACTOR PROVIDED CUT-SHEETS PRIOR TO ROUGHING AND DISPLAY RECESSES OR COORDINATING OTHER CRITICAL CLEARANCES.
  - WHEN RECESSED, PROVIDE A 2" MINIMUM CLEARANCE AROUND TOP, BOTTOM AND SIDES OF DISPLAY.
  - ALL TOUCH PANEL BACKBOXES MOUNTED ON THE SAME WALL AS DISPLAYS ARE TO BE HELD 12" CLEAR BETWEEN THE EDGE OF THE DISPLAY AND THE CENTERLINE OF THE TOUCH PANEL BACKBOX.
  - ROOM SCHEDULING DISPLAY CABLING PENETRATIONS IN THE FLOOR/CEILING ARE TO BE COORDINATED WITH EITHER SOLID PARTITION CENTERLINES OR, WHEN MOUNTED ON GLASS, WITH THE CENTERLINE OF THE DOOR EXTRUSION TO ALLOW A NETWORK PATCH CABLE TO BE RUN WITHIN THE EXTRUSION.
  - ALL CONTROL AND SCHEDULING DEVICE HEIGHTS TO BE COORDINATED WITH ARCHITECTURAL ELEVATIONS AND MUST ALLOW THE TOP OF THE DEVICE TO BE UNDER 48" PER ADA.
  - ALL CEILING SPEAKERS AND CEILING MICROPHONES ARE TO BE MOUNTED SYMMETRICAL TO CENTERLINE OF TABLE WHICH MAY NOT BE CENTERLINE OF CEILING GRID.
  - TABLE HATCHES ARE SHOWN TO INDICATE NUMBER OF LOCATIONS IN TABLE WHICH REQUIRE AV ACCOMMODATIONS. TABLE HATCH LOCATIONS AND PLATE REQUIREMENTS TO BE COORDINATED WITH THE FURNITURE PACKAGE.
  - FLOOR BOXES SERVING TABLES ARE TO BE ALIGNED TO THE INTERIOR SIDE OF A TABLE LEG ACCOMMODATING VERTICAL POWER AND SIGNAL CABLE ROUTING.

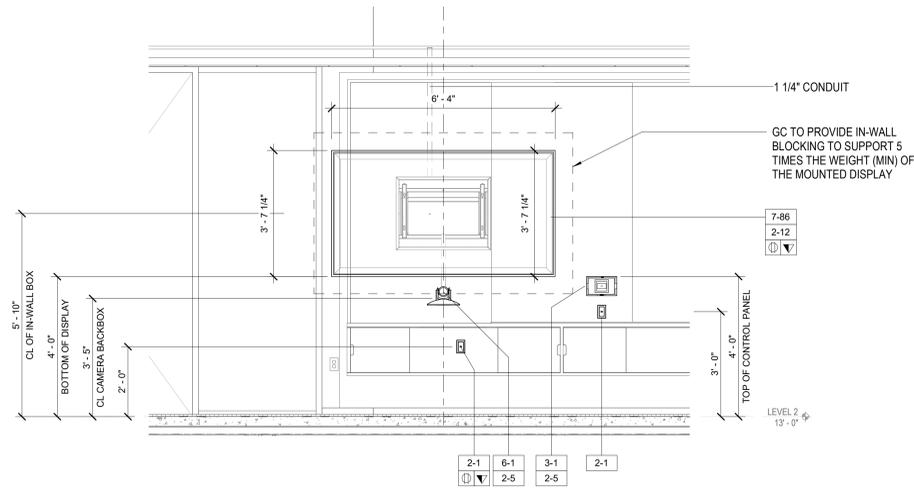
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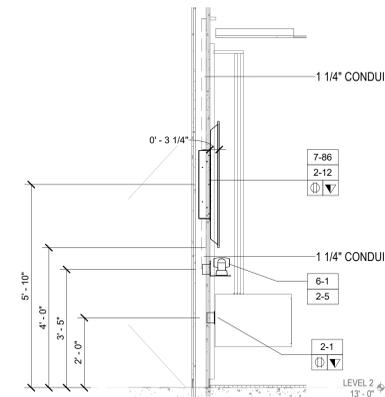
**1** AUDIOVISUAL ELEVATION - LARGE CONFERENCE ROOM PROJECTION SCREEN  
SCALE: 1/2" = 1'-0"



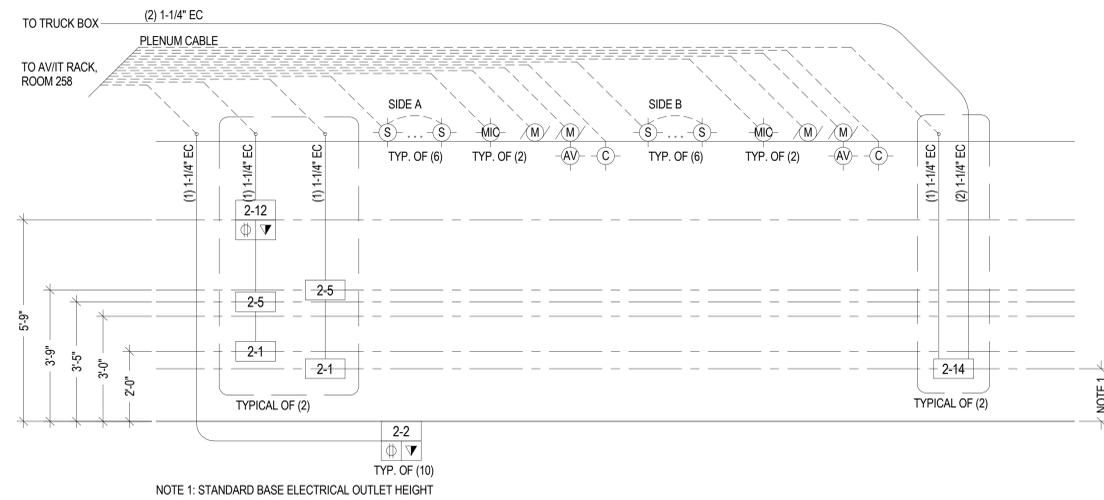
**2** AUDIOVISUAL SECTION - LARGE CONFERENCE ROOM 225 (PROJECTION SCREEN)  
SCALE: 1/2" = 1'-0"



**3** AUDIOVISUAL ELEVATION - LARGE CONFERENCE ROOM 225 (DISPLAY)  
SCALE: 1/2" = 1'-0"

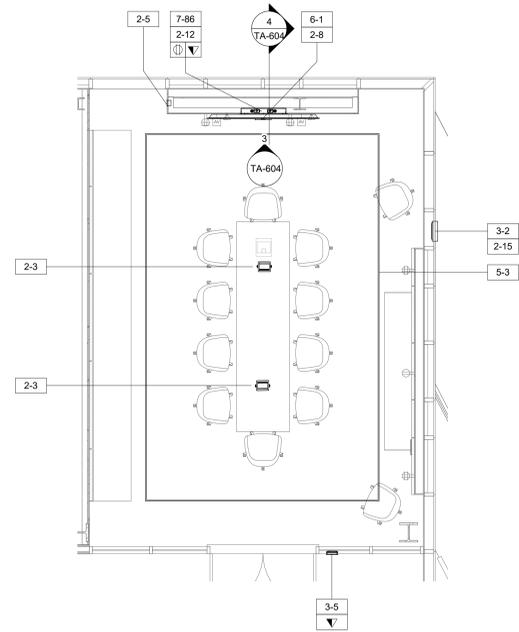


**4** AUDIOVISUAL SECTION - LARGE CONFERENCE ROOM 225 (DISPLAY)  
SCALE: 1/2" = 1'-0"

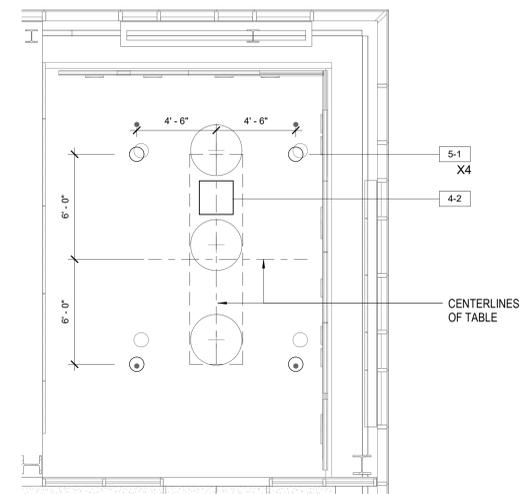


**5** AV RISER DIAGRAM - LARGE CONFERENCE ROOM 225  
SCALE: 1/2" = 1'-0"

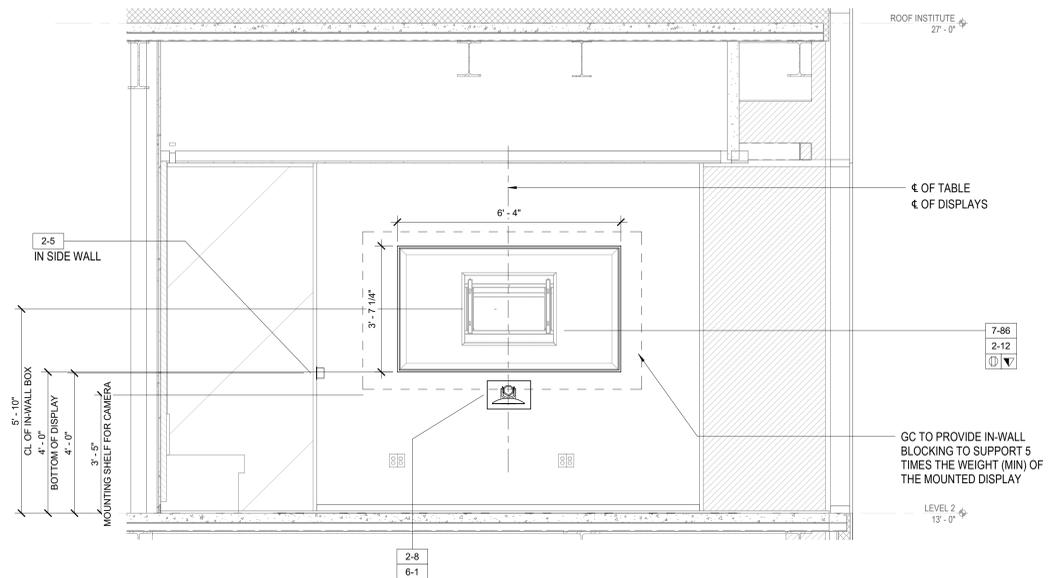
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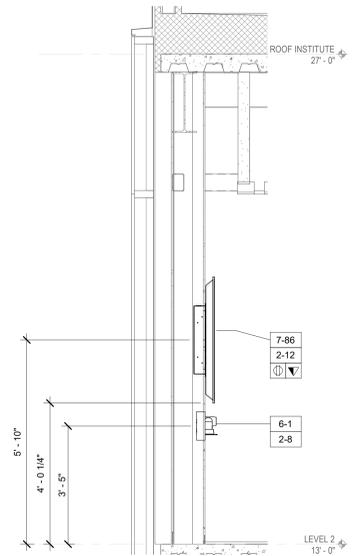
**1 AUDIOVISUAL ENLARGED PLAN - MEDIUM CONFERENCE ROOM 251**  
SCALE: 1/4" = 1'-0"



**2 AUDIOVISUAL ENLARGED RCP - MEDIUM CONFERENCE ROOM 251**  
SCALE: 1/4" = 1'-0"



**3 AUDIOVISUAL ELEVATION - MEDIUM CONFERENCE ROOM 251**  
SCALE: 1/2" = 1'-0"



**4 AUDIOVISUAL SECTION - MEDIUM CONFERENCE ROOM 251**  
SCALE: 1/2" = 1'-0"

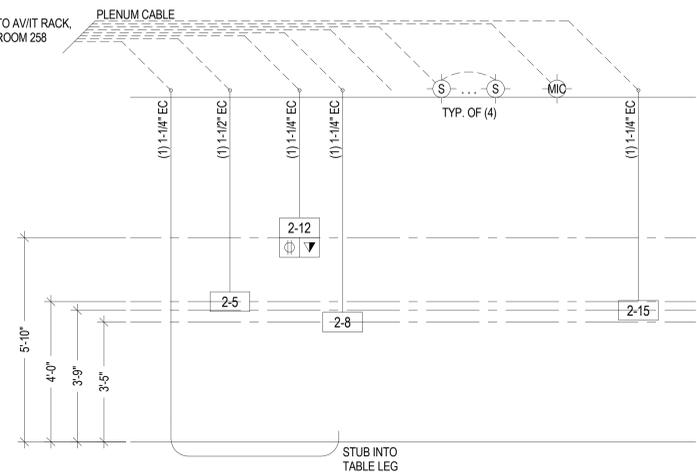
AUDIOVISUAL DEVICE KEY	
TAG	DESCRIPTION
1-#	EQUIPMENT RACK
1-1	FREE STANDING RACK (45RU); FOR AUDIOVISUAL EQUIPMENT
2-#	CONNECTIVITY
2-1	JUNCTION BOX; (1 GANG)
2-2	FLOOR BOX
2-3	TABLE ACCESS HATCH
2-5	JUNCTION BOX; (2 GANG)
2-6	CEILING MOUNTED JUNCTION BOX
2-7	CONDUIT TERMINATION BOX
2-8	RECESSED CAMERA MOUNT
2-10	IN-WALL BOX; (SMALL)
2-12	IN-WALL BOX WITH INTEGRAL MOUNT (32")
2-13	TRUCK BOX
2-14	TRUCK PLATE
2-15	BACKBOX FOR WALL MOUNTED TOUCH PANELS
3-#	CONTROL/SCHEDULING
3-1	TOUCHSCREEN CONTROL PANEL; 10.1" WALL MOUNTED
3-2	TOUCHSCREEN CONTROL PANEL; WIRELESS, 8.7" WALL MOUNTED
3-3	TOUCHSCREEN CONTROL PANEL; 7" WALL MOUNTED
3-4	ROOM SCHEDULING PANEL; WALL MOUNTED
3-5	ROOM SCHEDULING PANEL; GLASS MOUNTED WITH DATA FED FROM ABOVE
3-6	BUTTON PANEL; WALL MOUNTED
4-#	AUDIO INPUT
4-1	ANTENNA FOR WIRELESS MICROPHONE
4-2	MICROPHONE; CEILING RECESSED BEAM FORMING
5-#	AUDIO OUTPUT
5-1	LOUDSPEAKER; CEILING RECESSED
5-2	SURFACE MOUNTED OUTDOOR SPEAKERS
5-3	ASSISTED LISTENING INDUCTION LOOP
5-4	LOUDSPEAKER - SURFACE MOUNTED
6-#	VIDEO ORIGIN/SOURCE
6-1	VTC CAMERA - POLYCOM EAGLE EYE IV
6-2	PTZ CAMERA; CEILING MOUNTED
7-#	VIDEO DISPLAY (TYPE 1)
7-43	43" FLAT PANEL DISPLAY; WALL MOUNTED
7-86	86" FLAT PANEL DISPLAY; WALL MOUNTED
8-#	VIDEO DISPLAY (TYPE 2)
8-1	MOTORIZED PROJECTOR LIFT
8-2	VIDEO PROJECTOR, 10K LASER
9-#	VIDEO DISPLAY (TYPE 3)
9-1	137" (72.5"W X 116"W IMAGE AREA) FRONT PROJECTION SCREEN, 16:10 RATIO; CEILING RECESSED

TA - EQUIPMENT TAG LEGEND	
XX-X	AV DEVICE TAG
⊕	REQUIRED DATA
⊕	REQUIRED AC (DUPLX, QUADPLX, TWIST LOCK)

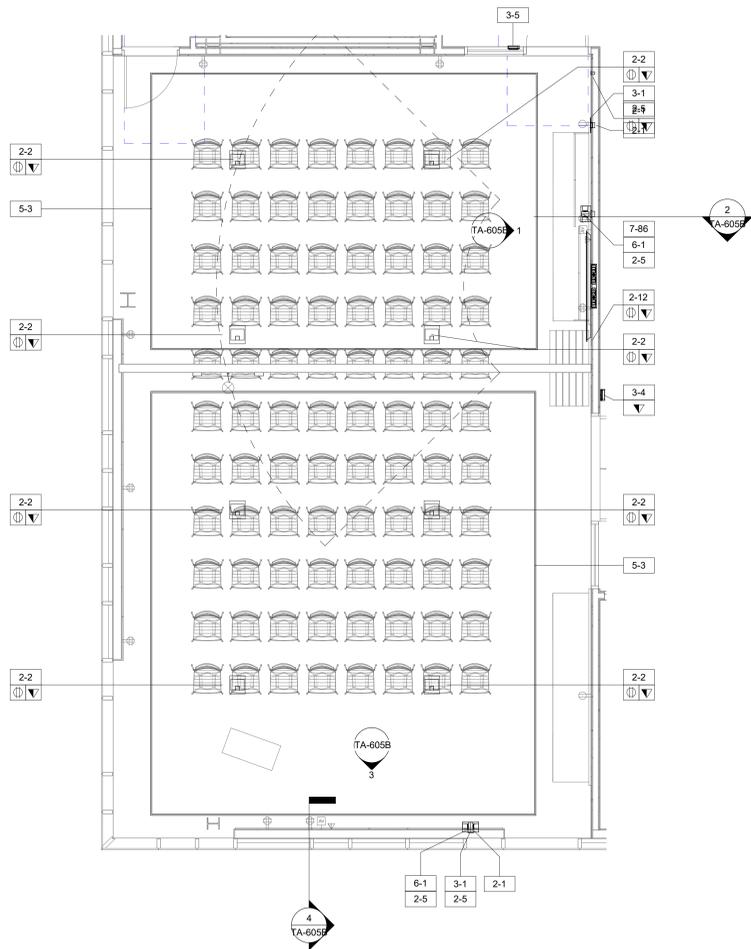
TA - ELECTRICAL SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
⊕	MOTORIZED PROJECTION SCREEN, PROJECTOR LIFT OR SHADE WITH LOW-VOLTAGE INTERFACE; SUPPLIED WITH EQUIPMENT. MOUNT ABOVE FINISHED CEILING UNLESS OTHERWISE INDICATED. MAINTENANCE ACCESS TO BOX SHALL BE PROVIDED IN NON-ACCESSIBLE CEILINGS. PROVIDE UTILITY GRADE 120VAC UNLESS OTHERWISE INDICATED.
⊕	5-20R EDISON TYPE POWER RECEPTACLE, DUPLX 120VAC, 20AMP.
⊕	5-20R EDISON TYPE POWER RECEPTACLE, QUADPLX 120VAC, 20AMP.
⊕	TELECOM VOICE/DATA OUTLET BOX. REFER TO TELECOM DRAWINGS FOR INSTALLATION DETAILS.
TV	CABLE TELEVISION CONNECTION - BY OTHERS

- NOTE:**  
**DEVICE MOUNTING COORDINATION WITH ARCHITECTURE MILLWORK**
- REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR COORDINATED AV INFRASTRUCTURE AND ELECTRICAL DEVICE LOCATIONS.
  - DISPLAYS ARE TO BE MOUNTED CENTERED ON THE CENTERLINE OF THE TABLE WHICH MAY NOT BE THE CENTERLINE OF THE MOUNTING WALL.
  - STUD PLACEMENT TO BE COORDINATED WITH DISPLAY IN-WALL BOX MOUNTING TO KEEP IN-WALL BOX ALONG THE CENTERLINE OF THE DISPLAY.
  - WHERE THE DISPLAYS ARE MOUNTED BACK-TO-BACK ON A COMMON PARTITION, THE DISPLAY IN-WALL BOXES ARE TO BE OFFSET AROUND A CENTER STUD.
  - DISPLAY WIDTH AND HEIGHTS SHOWN ARE REPRESENTATIVE AND ARE TO BE CONFIRMED WITH THE FINAL CONTRACTOR PROVIDED CUT-SHEETS PRIOR TO ROUGHING AND DISPLAY RECESSES OR COORDINATING OTHER CRITICAL CLEARANCES.
  - WHEN RECESSED, PROVIDE A 2" MINIMUM CLEARANCE AROUND TOP, BOTTOM AND SIDES OF DISPLAY.
  - ALL TOUCH PANEL BACKBOXES MOUNTED ON THE SAME WALL AS DISPLAYS ARE TO BE HELD 12" CLEAR BETWEEN THE EDGE OF THE DISPLAY AND THE CENTERLINE OF THE TOUCH PANEL BACKBOX.
  - ROOM SCHEDULING DISPLAY CABLING PENETRATIONS IN THE FLOOR/CEILING ARE TO BE COORDINATED WITH EITHER SOLID PARTITION CENTERLINES OR, WHEN MOUNTED ON GLASS, WITH THE CENTERLINE OF THE DOOR EXTRUSION TO ALLOW A NETWORK PATCH CABLE TO BE RUN WITHIN THE EXTRUSION.
  - ALL CONTROL AND SCHEDULING DEVICE HEIGHTS TO BE COORDINATED WITH ARCHITECTURAL ELEVATIONS AND MUST ALLOW THE TOP OF THE DEVICE TO BE UNDER 48" PER ADA.
  - ALL CEILING SPEAKERS AND CEILING MICROPHONES ARE TO BE MOUNTED SYMMETRICAL TO CENTERLINE OF TABLE WHICH MAY NOT BE CENTERLINE OF CEILING GRID.
  - TABLE HATCHES ARE SHOWN TO INDICATE NUMBER OF LOCATIONS IN TABLE WHICH REQUIRE AV ACCOMMODATIONS. TABLE HATCH LOCATIONS AND PLATE REQUIREMENTS TO BE COORDINATED WITH THE FURNITURE PACKAGE.
  - FLOOR BOXES SERVING TABLES ARE TO BE ALIGNED TO THE INTERIOR SIDE OF A TABLE LEG ACCOMMODATING VERTICAL POWER AND SIGNAL CABLE ROUTING.

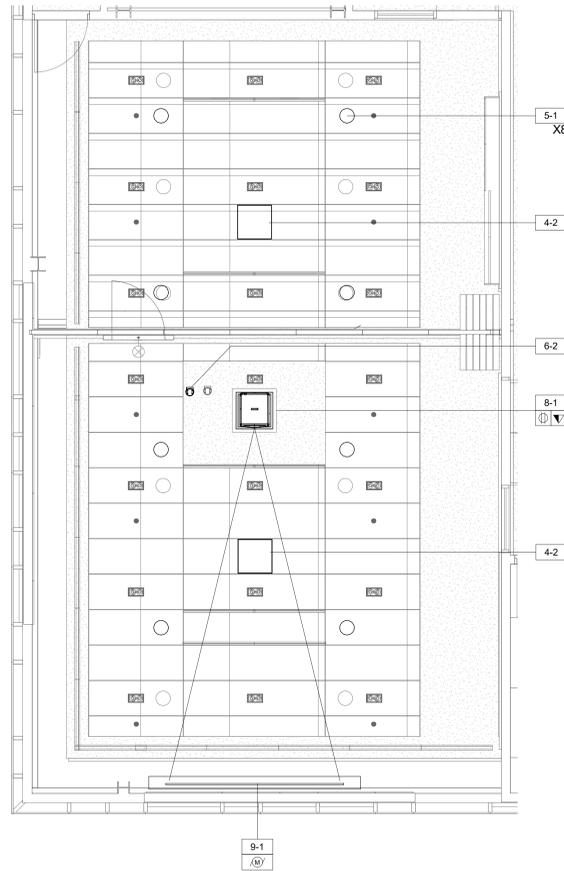


**5 AV RISER DIAGRAM - MEDIUM CONFERENCE ROOM 251**  
SCALE: 1/2" = 1'-0"

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**1** AUDIOVISUAL ENLARGED PLAN - FLEXIBLE EVENT SPACE 252  
SCALE: 1/4" = 1'-0"



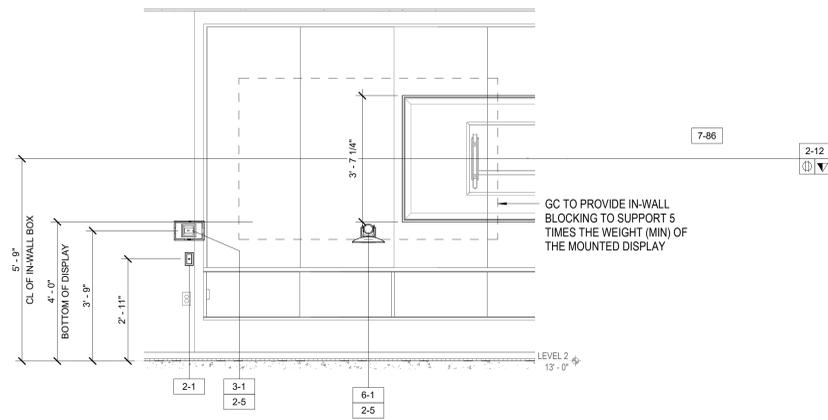
**2** AUDIOVISUAL - ENLARGED RCP - FLEXIBLE EVENT SPACE 252  
SCALE: 1/4" = 1'-0"

AUDIOVISUAL DEVICE KEY	
TAG	DESCRIPTION
1-#	EQUIPMENT RACK
1-1	FREE STANDING RACK (45RU); FOR AUDIOVISUAL EQUIPMENT
2-#	CONNECTIVITY
2-1	JUNCTION BOX; (1 GANG)
2-2	FLOOR BOX
2-3	TABLE ACCESS HATCH
2-5	JUNCTION BOX; (2 GANG)
2-6	CEILING MOUNTED JUNCTION BOX
2-7	CONDUIT TERMINATION BOX
2-8	RECESSED CAMERA MOUNT
2-10	IN-WALL BOX; (SMALL)
2-12	IN-WALL BOX WITH INTEGRAL MOUNT (32")
2-13	TRUCK BOX
2-14	TRUCK PLATE
2-15	BACKBOX FOR WALL MOUNTED TOUCH PANELS
3-#	CONTROL/SCHEDULING
3-1	TOUCHSCREEN CONTROL PANEL; 10.1" WALL MOUNTED
3-2	TOUCHSCREEN CONTROL PANEL; WIRELESS, 8.7" WALL MOUNTED
3-3	TOUCHSCREEN CONTROL PANEL; 7" WALL MOUNTED
3-4	ROOM SCHEDULING PANEL; WALL MOUNTED
3-5	ROOM SCHEDULING PANEL; GLASS MOUNTED WITH DATA FED FROM ABOVE
3-6	BUTTON PANEL; WALL MOUNTED
4-#	AUDIO INPUT
4-1	ANTENNA FOR WIRELESS MICROPHONE
4-2	MICROPHONE; CEILING RECESSED BEAM FORMING
5-#	AUDIO OUTPUT
5-1	LOUDSPEAKER; CEILING RECESSED
5-2	SURFACE MOUNTED OUTDOOR SPEAKERS
5-3	ASSISTED LISTENING INDUCTION LOOP
5-4	LOUDSPEAKER - SURFACE MOUNTED
6-#	VIDEO ORIGIN/SOURCE
6-1	VTC CAMERA - POLYCOM EAGLE EYE IV
6-2	PTZ CAMERA; CEILING MOUNTED
7-#	VIDEO DISPLAY (TYPE 1)
7-43	43" FLAT PANEL DISPLAY; WALL MOUNTED
7-86	86" FLAT PANEL DISPLAY; WALL MOUNTED
8-#	VIDEO DISPLAY (TYPE 2)
8-1	MOTORIZED PROJECTOR LIFT
8-2	VIDEO PROJECTOR, 10K LASER
9-#	VIDEO DISPLAY (TYPE 3)
9-1	137" (72.5" H X 116" W IMAGE AREA) FRONT PROJECTION SCREEN, 16:10 RATIO; CEILING RECESSED

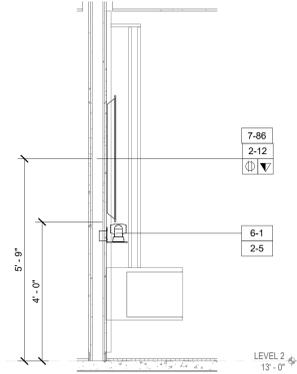
TA - EQUIPMENT TAG LEGEND	
XX-X	AV DEVICE TAG
Ⓢ	REQUIRED DATA
Ⓣ	REQUIRED AC (DUPLX, QUADPLX, TWIST LOCK)

TA - ELECTRICAL SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
Ⓢ	MOTORIZED PROJECTION SCREEN, PROJECTOR LIFT OR SHADE WITH LOW-VOLTAGE INTERFACE; SUPPLIED WITH EQUIPMENT. MOUNT ABOVE FINISHED CEILING UNLESS OTHERWISE INDICATED. MAINTENANCE ACCESS TO BOX SHALL BE PROVIDED IN NON-ACCESSIBLE CEILINGS. PROVIDE UTILITY GRADE 120VAC UNLESS OTHERWISE INDICATED.
Ⓣ	5-20R EDISON TYPE POWER RECEPTACLE, DUPLX 120VAC, 20AMP.
Ⓣ	5-20R EDISON TYPE POWER RECEPTACLE, QUADPLX 120VAC, 20AMP.
Ⓣ	TELECOM VOICE/DATA OUTLET BOX. REFER TO TELECOM DRAWINGS FOR INSTALLATION DETAILS.
TV	CABLE TELEVISION CONNECTION - BY OTHERS

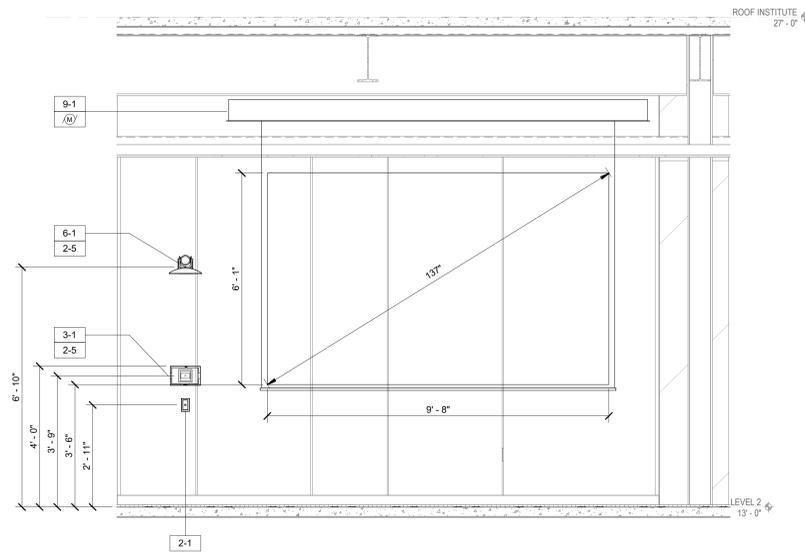
- NOTE:**  
**DEVICE MOUNTING COORDINATION WITH ARCHITECTURE MILLWORK**
- REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR COORDINATED AV INFRASTRUCTURE AND ELECTRICAL DEVICE LOCATIONS.
  - DISPLAYS ARE TO BE MOUNTED CENTERED ON THE CENTERLINE OF THE TABLE WHICH MAY NOT BE THE CENTERLINE OF THE MOUNTING WALL.
  - STUD PLACEMENT TO BE COORDINATED WITH DISPLAY IN-WALL BOX MOUNTING TO KEEP IN-WALL BOX ALONG THE CENTERLINE OF THE DISPLAY.
  - WHERE THE DISPLAYS ARE MOUNTED BACK-TO-BACK ON A COMMON PARTITION, THE DISPLAY IN-WALL BOXES ARE TO BE OFFSET AROUND A CENTER STUD.
  - DISPLAY WIDTH AND HEIGHTS SHOWN ARE REPRESENTATIVE AND ARE TO BE CONFIRMED WITH THE FINAL CONTRACTOR PROVIDED CUT-SHEETS PRIOR TO ROUGHING AND DISPLAY RECESSES OR COORDINATING OTHER CRITICAL CLEARANCES.
  - WHEN RECESSED, PROVIDE A 2" MINIMUM CLEARANCE AROUND TOP, BOTTOM AND SIDES OF DISPLAY.
  - ALL TOUCH PANEL BACKBOXES MOUNTED ON THE SAME WALL AS DISPLAYS ARE TO BE HELD 12" CLEAR BETWEEN THE EDGE OF THE DISPLAY AND THE CENTERLINE OF THE TOUCH PANEL BACKBOX.
  - ROOM SCHEDULING DISPLAY CABLING PENETRATIONS IN THE FLOOR/CEILING ARE TO BE COORDINATED WITH EITHER SOLID PARTITION CENTERLINES OR, WHEN MOUNTED ON GLASS, WITH THE CENTERLINE OF THE DOOR EXTRUSION TO ALLOW A NETWORK PATCH CABLE TO BE RUN WITHIN THE EXTRUSION.
  - ALL CONTROL AND SCHEDULING DEVICE HEIGHTS TO BE COORDINATED WITH ARCHITECTURAL ELEVATIONS AND MUST ALLOW THE TOP OF THE DEVICE TO BE UNDER 48" PER ADA.
  - ALL CEILING SPEAKERS AND CEILING MICROPHONES ARE TO BE MOUNTED SYMMETRICAL TO CENTERLINE OF TABLE WHICH MAY NOT BE CENTERLINE OF CEILING GRID.
  - TABLE HATCHES ARE SHOWN TO INDICATE NUMBER OF LOCATIONS IN TABLE WHICH REQUIRE AV ACCOMMODATIONS. TABLE HATCH LOCATIONS AND PLATE REQUIREMENTS TO BE COORDINATED WITH THE FURNITURE PACKAGE.
  - FLOOR BOXES SERVING TABLES ARE TO BE ALIGNED TO THE INTERIOR SIDE OF A TABLE LEG ACCOMMODATING VERTICAL POWER AND SIGNAL CABLE ROUTING.



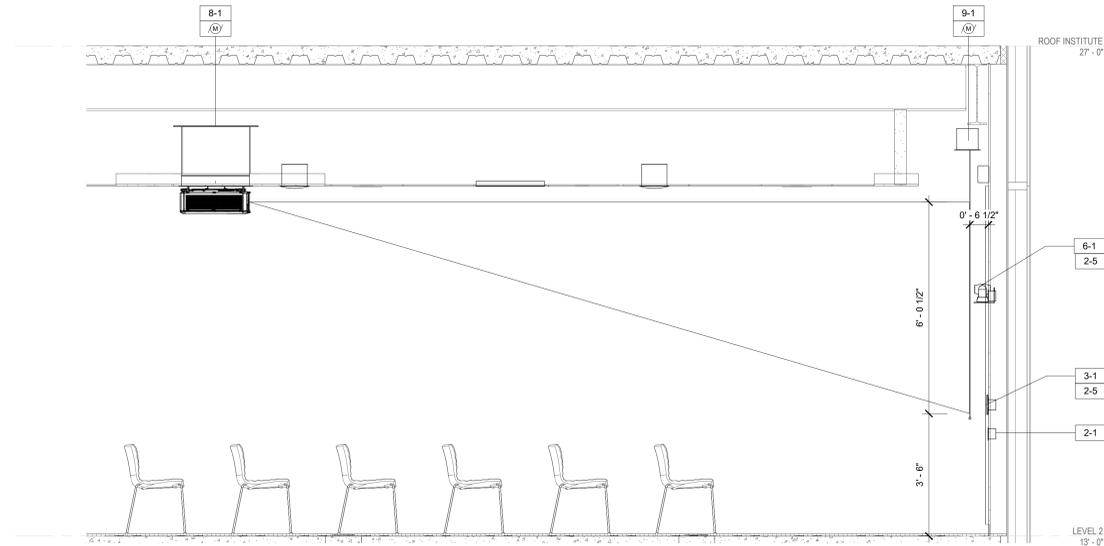
**1** AUDIOVISUAL ELEVATION - FLEXIBLE EVENT SPACE 252 (DISPLAY)  
SCALE: 1/2" = 1'-0"



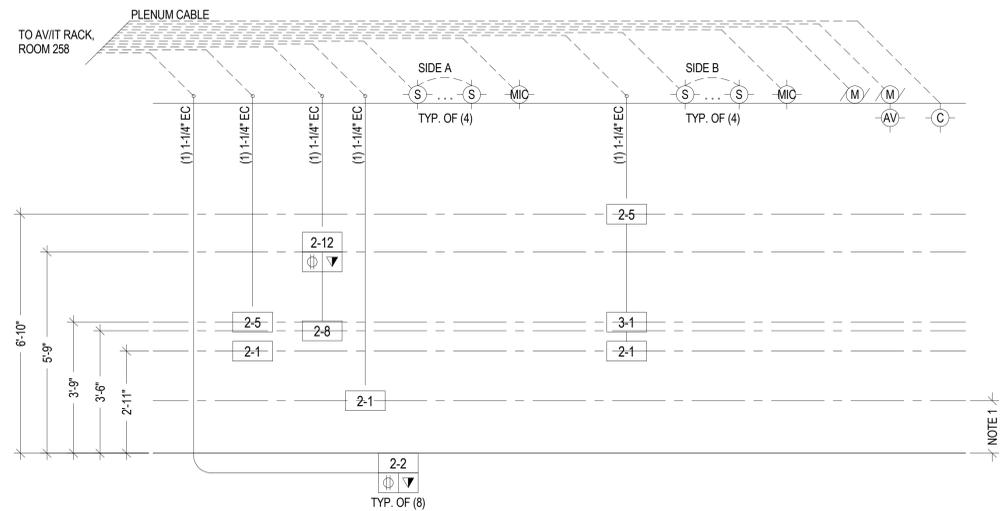
**2** AUDIOVISUAL SECTION - FLEXIBLE EVENT SPACE 252 (DISPLAY)  
SCALE: 1/2" = 1'-0"



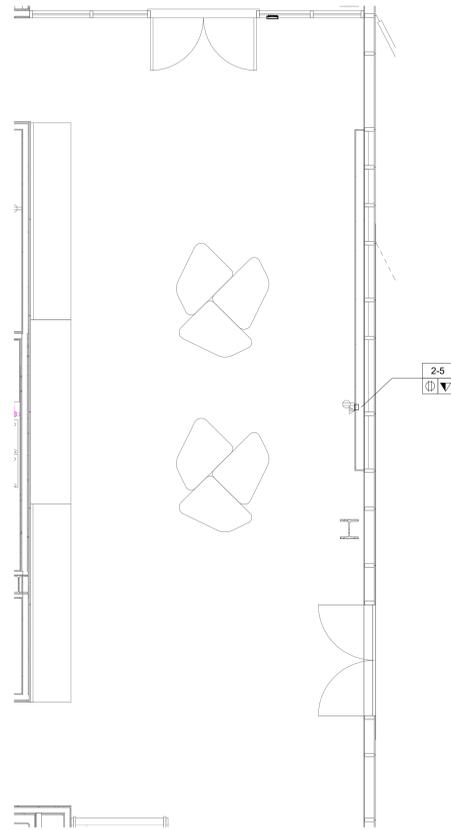
**3** AUDIOVISUAL ELEVATION - FLEXIBLE EVENT SPACE 252 (PROJECTION SCREEN)  
SCALE: 1/2" = 1'-0"



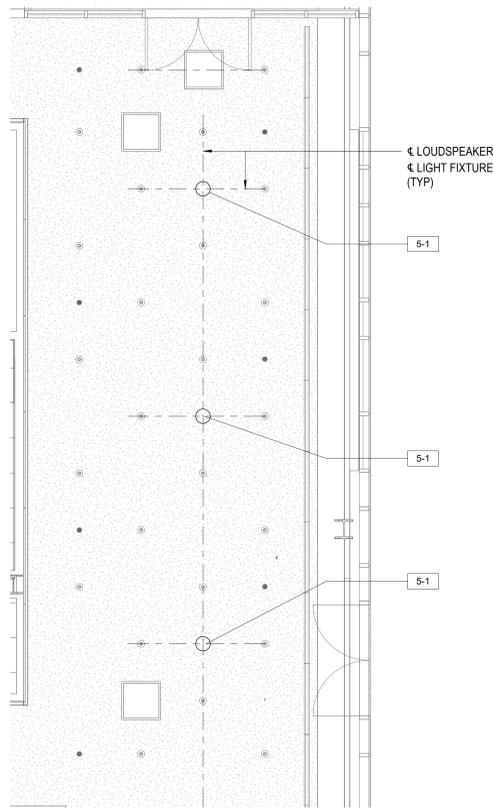
**4** AUDIOVISUAL SECTION - FLEXIBLE EVENT SPACE 252 (PROJECTION SCREEN)  
SCALE: 1/2" = 1'-0"



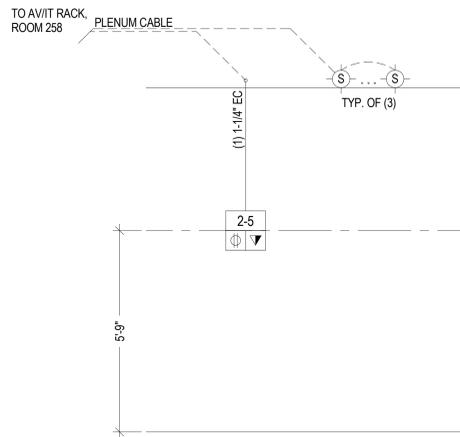
**5** AV RISER DIAGRAM - FLEXIBLE EVENT SPACE 252  
SCALE: 1/2" = 1'-0"



**1** AUDIOVISUAL ENLARGED PLAN - PRE-FUNCTION 250  
SCALE: 1/4" = 1'-0"



**2** AUDIOVISUAL - ENLARGED RCP -PRE- FUNCTION 250  
SCALE: 1/4" = 1'-0"



**3** AV RISER DIAGRAM - PRE-FUNCTION 250  
SCALE: 1/2" = 1'-0"

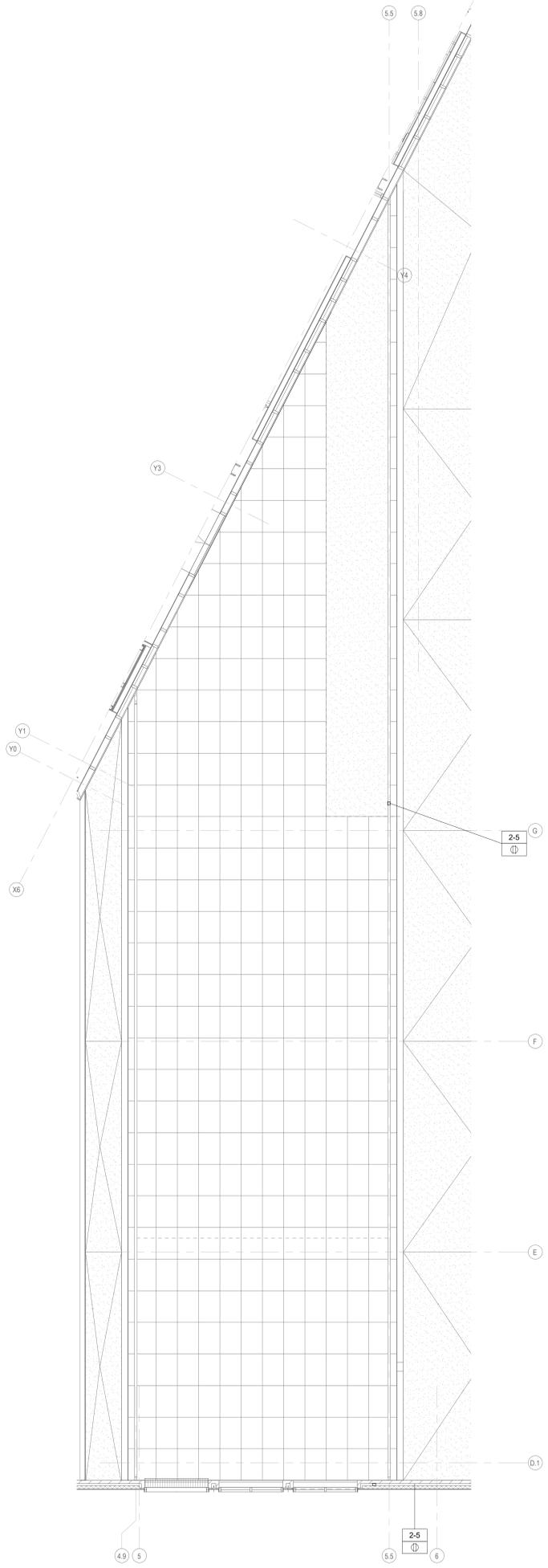
AUDIOVISUAL DEVICE KEY	
TAG	DESCRIPTION
1-#	EQUIPMENT RACK
1-1	FREE STANDING RACK (45RU), FOR AUDIOVISUAL EQUIPMENT
2-#	CONNECTIVITY
2-1	JUNCTION BOX; (1 GANG)
2-2	FLOOR BOX
2-3	TABLE ACCESS HATCH
2-5	JUNCTION BOX; (2 GANG)
2-6	CEILING MOUNTED JUNCTION BOX
2-7	CONDUIT TERMINATION BOX
2-8	RECESSED CAMERA MOUNT
2-10	IN-WALL BOX; (SMALL)
2-12	IN-WALL BOX WITH INTEGRAL MOUNT (32")
2-13	TRUCK BOX
2-14	TRUCK PLATE
2-15	BACKBOX FOR WALL MOUNTED TOUCH PANELS
3-#	CONTROL/SCHEDULING
3-1	TOUCHSCREEN CONTROL PANEL; 10.1" WALL MOUNTED
3-2	TOUCHSCREEN CONTROL PANEL; WIRELESS, 8.7" WALL MOUNTED
3-3	TOUCHSCREEN CONTROL PANEL; 7" WALL MOUNTED
3-4	ROOM SCHEDULING PANEL; WALL MOUNTED
3-5	ROOM SCHEDULING PANEL; GLASS MOUNTED WITH DATA FED FROM ABOVE
3-6	BUTTON PANEL; WALL MOUNTED
4-#	AUDIO INPUT
4-1	ANTENNA FOR WIRELESS MICROPHONE
4-2	MICROPHONE; CEILING RECESSED BEAM FORMING
5-#	AUDIO OUTPUT
5-1	LOUDSPEAKER; CEILING RECESSED
5-2	SURFACE MOUNTED OUTDOOR SPEAKERS
5-3	ASSISTED LISTENING INDUCTION LOOP
5-4	LOUDSPEAKER - SURFACE MOUNTED
6-#	VIDEO ORIGIN/SOURCE
6-1	VTC CAMERA - POLYCOM EAGLE EYE IV
6-2	PTZ CAMERA; CEILING MOUNTED
7-#	VIDEO DISPLAY (TYPE 1)
7-43	43" FLAT PANEL DISPLAY; WALL MOUNTED
7-86	86" FLAT PANEL DISPLAY; WALL MOUNTED
8-#	VIDEO DISPLAY (TYPE 2)
8-1	MOTORIZED PROJECTOR LIFT
8-2	VIDEO PROJECTOR, 10K LASER
9-#	VIDEO DISPLAY (TYPE 3)
9-1	137" (72.5" H X 116" W IMAGE AREA) FRONT PROJECTION SCREEN, 16:10 RATIO; CEILING RECESSED

TA - EQUIPMENT TAG LEGEND	
XX-X	AV DEVICE TAG
(1) 1-1/4" EC	REQUIRED DATA
⊕	REQUIRED AC (DUPLICATION, TWIST LOCK)

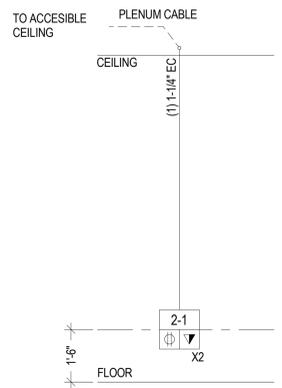
TA - ELECTRICAL SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
⊕	MOTORIZED PROJECTION SCREEN, PROJECTOR LIFT OR SHADE WITH LOW-VOLTAGE INTERFACE; SUPPLIED WITH EQUIPMENT. MOUNT ABOVE FINISHED CEILING UNLESS OTHERWISE INDICATED. MAINTENANCE ACCESS TO BOX SHALL BE PROVIDED IN NON-ACCESSIBLE CEILINGS. PROVIDE UTILITY GRADE 120VAC UNLESS OTHERWISE INDICATED.
⊕	5-20R EDISON TYPE POWER RECEPTACLE, DUPLICATION 120VAC, 20AMP.
⊕	5-20R EDISON TYPE POWER RECEPTACLE, QUADPLEX 120VAC, 20AMP.
▽	TELECOM VOICE/DATA OUTLET BOX. REFER TO TELECOM DRAWINGS FOR INSTALLATION DETAILS.
TV	CABLE TELEVISION CONNECTION - BY OTHERS

- NOTE:**  
**DEVICE MOUNTING COORDINATION WITH ARCHITECTURE MILLWORK**
- REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR COORDINATED AV INFRASTRUCTURE AND ELECTRICAL DEVICE LOCATIONS.
  - DISPLAYS ARE TO BE MOUNTED CENTERED ON THE CENTERLINE OF THE TABLE WHICH MAY NOT BE THE CENTERLINE OF THE MOUNTING WALL.
  - STUD PLACEMENT TO BE COORDINATED WITH DISPLAY IN-WALL BOX MOUNTING TO KEEP IN-WALL BOX ALONG THE CENTERLINE OF THE DISPLAY.
  - WHERE THE DISPLAYS ARE MOUNTED BACK-TO-BACK ON A COMMON PARTITION, THE DISPLAY IN-WALL BOXES ARE TO BE OFFSET AROUND A CENTER STUD.
  - DISPLAY WIDTH AND HEIGHTS SHOWN ARE REPRESENTATIVE AND ARE TO BE CONFIRMED WITH THE FINAL CONTRACTOR PROVIDED CUT-SHEETS PRIOR TO ROUGHING AND DISPLAY RECESSES OR COORDINATING OTHER CRITICAL CLEARANCES.
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  - ALL CEILING SPEAKERS AND CEILING MICROPHONES ARE TO BE MOUNTED SYMMETRICAL TO CENTERLINE OF TABLE WHICH MAY NOT BE CENTERLINE OF CEILING GRID.
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  - FLOOR BOXES SERVING TABLES ARE TO BE ALIGNED TO THE INTERIOR SIDE OF A TABLE LEG ACCOMMODATING VERTICAL POWER AND SIGNAL CABLE ROUTING.

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**1** AUDIOVISUAL ENLARGED PLAN - OUTDOOR EVENT SPACE  
SCALE: 3/16" = 1'-0"



**2** AV RISER DIAGRAM - OUTDOOR EVENT SPACE  
SCALE: 1/2" = 1'-0"

AUDIOVISUAL DEVICE KEY	
TAG	DESCRIPTION
1-#	EQUIPMENT RACK
1-1	FREE STANDING RACK (45RU); FOR AUDIOVISUAL EQUIPMENT
2-#	CONNECTIVITY
2-1	JUNCTION BOX; (1 GANG)
2-2	FLOOR BOX
2-3	TABLE ACCESS HATCH
2-5	JUNCTION BOX; (2 GANG)
2-6	CEILING MOUNTED JUNCTION BOX
2-7	CONDUIT TERMINATION BOX
2-8	RECESSED CAMERA MOUNT
2-10	IN-WALL BOX; (SMALL)
2-12	IN-WALL BOX WITH INTEGRAL MOUNT (32")
2-13	TRUCK BOX
2-14	TRUCK PLATE
2-15	BACKBOX FOR WALL MOUNTED TOUCH PANELS
3-#	CONTROL/SCHEDULING
3-1	TOUCHSCREEN CONTROL PANEL; 10.1" WALL MOUNTED
3-2	TOUCHSCREEN CONTROL PANEL; WIRELESS, 8.7" WALL MOUNTED
3-3	TOUCHSCREEN CONTROL PANEL; 7" WALL MOUNTED
3-4	ROOM SCHEDULING PANEL; WALL MOUNTED
3-5	ROOM SCHEDULING PANEL; GLASS MOUNTED WITH DATA FED FROM ABOVE
3-6	BUTTON PANEL; WALL MOUNTED
4-#	AUDIO INPUT
4-1	ANTENNA FOR WIRELESS MICROPHONE
4-2	MICROPHONE; CEILING RECESSED BEAM FORMING
5-#	AUDIO OUTPUT
5-1	LOUDSPEAKER; CEILING RECESSED
5-2	SURFACE MOUNTED OUTDOOR SPEAKERS
5-3	ASSISTED LISTENING INDUCTION LOOP
5-4	LOUDSPEAKER - SURFACE MOUNTED
6-#	VIDEO ORIGIN/SOURCE
6-1	VTC CAMERA - POLYCOM EAGLE EYE IV
6-2	PTZ CAMERA; CEILING MOUNTED
7-#	VIDEO DISPLAY (TYPE 1)
7-43	43" FLAT PANEL DISPLAY; WALL MOUNTED
7-86	86" FLAT PANEL DISPLAY; WALL MOUNTED
8-#	VIDEO DISPLAY (TYPE 2)
8-1	MOTORIZED PROJECTOR LIFT
8-2	VIDEO PROJECTOR, 10K LASER
9-#	VIDEO DISPLAY (TYPE 3)
9-1	137" (72.5"H X 116"W IMAGE AREA) FRONT PROJECTION SCREEN, 16:10 RATIO; CEILING RECESSED

TA - EQUIPMENT TAG LEGEND	
XX-X	AV DEVICE TAG
Ⓢ	REQUIRED DATA
Ⓟ	REQUIRED AC (DUPLICATION, TWIST LOCK)

TA - ELECTRICAL SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
Ⓢ	MOTORIZED PROJECTION SCREEN, PROJECTOR LIFT OR SHADE WITH LOW-VOLTAGE INTERFACE; SUPPLIED WITH EQUIPMENT. MOUNT ABOVE FINISHED CEILING UNLESS OTHERWISE INDICATED. MAINTENANCE ACCESS TO BOX SHALL BE PROVIDED IN NON-ACCESSIBLE CEILINGS. PROVIDE UTILITY GRADE 120VAC UNLESS OTHERWISE INDICATED.
Ⓟ	5-20R EDISON TYPE POWER RECEPTACLE, DUPLEX 120VAC, 20AMP.
Ⓢ	5-20R EDISON TYPE POWER RECEPTACLE, QUADPLEX 120VAC, 20AMP.
Ⓢ	TELECOM VOICE/DATA OUTLET BOX. REFER TO TELECOM DRAWINGS FOR INSTALLATION DETAILS.
TV	CABLE TELEVISION CONNECTION - BY OTHERS

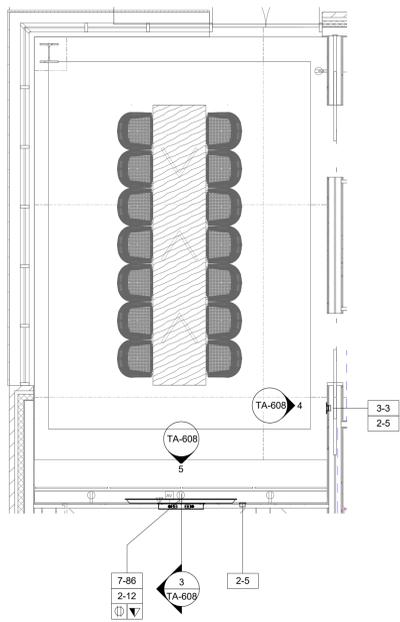
- NOTE:**  
**DEVICE MOUNTING COORDINATION WITH ARCHITECTURE MILLWORK**
- REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR COORDINATED AV INFRASTRUCTURE AND ELECTRICAL DEVICE LOCATIONS.
  - DISPLAYS ARE TO BE MOUNTED CENTERED ON THE CENTERLINE OF THE TABLE WHICH MAY NOT BE THE CENTERLINE OF THE MOUNTING WALL.
  - STUD PLACEMENT TO BE COORDINATED WITH DISPLAY IN-WALL BOX MOUNTING TO KEEP IN-WALL BOX ALONG THE CENTERLINE OF THE DISPLAY.
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  - TABLE HATCHES ARE SHOWN TO INDICATE NUMBER OF LOCATIONS IN TABLE WHICH REQUIRE AV ACCOMMODATIONS. TABLE HATCH LOCATIONS AND PLATE REQUIREMENTS TO BE COORDINATED WITH THE FURNITURE PACKAGE.
  - FLOOR BOXES SERVING TABLES ARE TO BE ALIGNED TO THE INTERIOR SIDE OF A TABLE LEG ACCOMMODATING VERTICAL POWER AND SIGNAL CABLE ROUTING.

CONTRACTOR

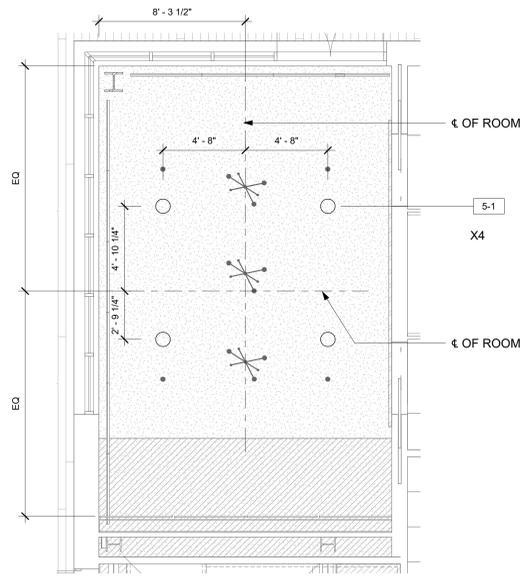
CONSULTANT

ISSUE DATES

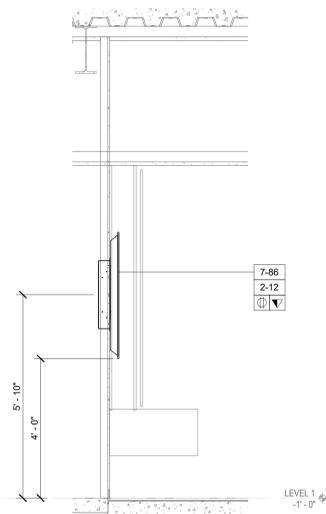
03/20/19	10% SCHEMATIC DESIGN
03/20/19	PLANNING BOARD
07/29/19	75% DESIGN DEVELOPMENT
08/30/19	100% DESIGN DEVELOPMENT
12/10/19	50% CONSTRUCTION DOCUMENTS
03/30/20	CD PROGRESS SET
05/01/20	ISSUED FOR CONSTRUCTION
07/01/20	GMP SET
08/21/20	BID SET



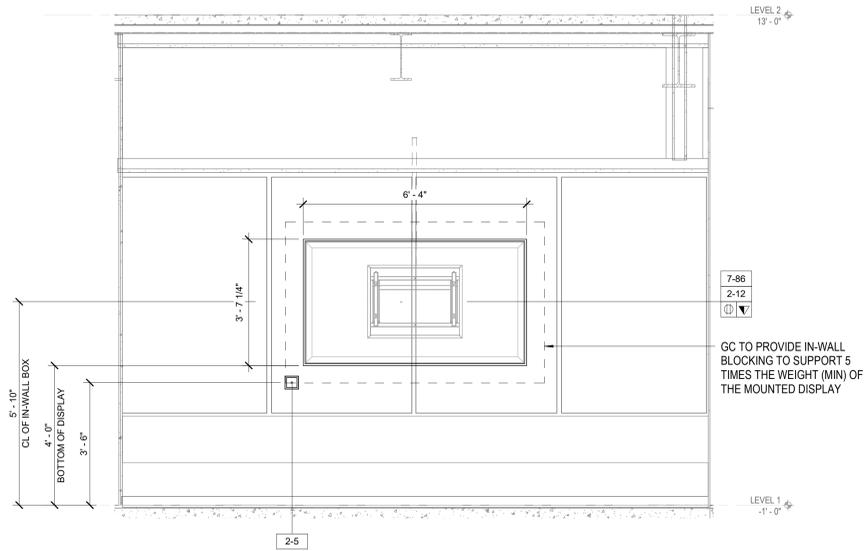
**1 AUDIOVISUAL ENLARGED PLAN - PRIVATE DINING 160**  
SCALE: 1/4" = 1'-0"



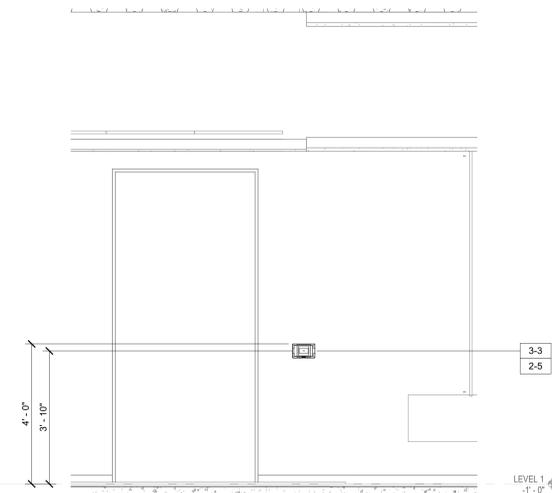
**2 AUDIOVISUAL - ENLARGED RCP - PRIVATE DINING 160**  
SCALE: 1/4" = 1'-0"



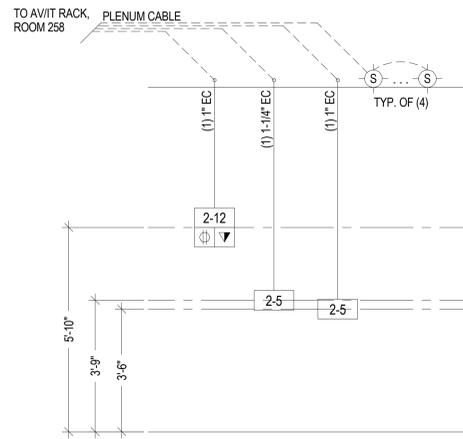
**3 AUDIOVISUAL SECTION - PRIVATE DINING 160**  
SCALE: 1/2" = 1'-0"



**5 AUDIOVISUAL ELEVATION - PRIVATE DINING 160**  
SCALE: 1/2" = 1'-0"



**4 AUDIOVISUAL ELEVATION - PRIVATE DINING 160 (TOUCH PANEL)**  
SCALE: 1/2" = 1'-0"



**6 AV RISER DIAGRAM - PRIVATE DINING 160**  
SCALE: 1/2" = 1'-0"

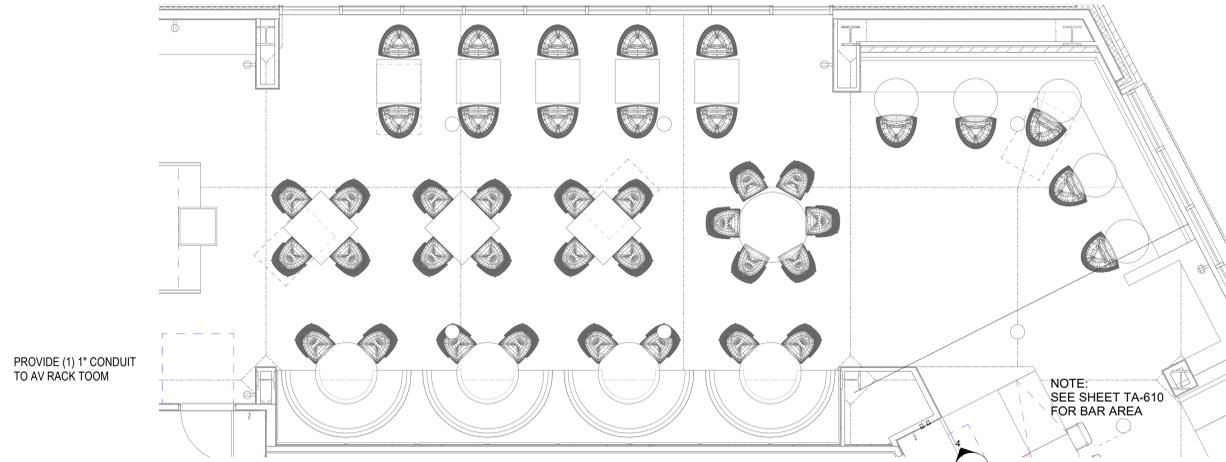
AUDIOVISUAL DEVICE KEY	
TAG	DESCRIPTION
1-#	EQUIPMENT RACK
1-1	FREE STANDING RACK (45RU); FOR AUDIOVISUAL EQUIPMENT
2-#	CONNECTIVITY
2-1	JUNCTION BOX; (1 GANG)
2-2	FLOOR BOX
2-3	TABLE ACCESS HATCH
2-5	JUNCTION BOX; (2 GANG)
2-6	CEILING MOUNTED JUNCTION BOX
2-7	CONDUIT TERMINATION BOX
2-8	RECESSED CAMERA MOUNT
2-10	IN-WALL BOX; (SMALL)
2-12	IN-WALL BOX WITH INTEGRAL MOUNT (32")
2-13	TRUCK BOX
2-14	TRUCK PLATE
2-15	BACKBOX FOR WALL MOUNTED TOUCH PANELS
3-#	CONTROL/SCHEDULING
3-1	TOUCHSCREEN CONTROL PANEL; 10.1" WALL MOUNTED
3-2	TOUCHSCREEN CONTROL PANEL; WIRELESS, 8.7" WALL MOUNTED
3-3	TOUCHSCREEN CONTROL PANEL; 7" WALL MOUNTED
3-4	ROOM SCHEDULING PANEL; WALL MOUNTED
3-5	ROOM SCHEDULING PANEL; GLASS MOUNTED WITH DATA FED FROM ABOVE
3-6	BUTTON PANEL; WALL MOUNTED
4-#	AUDIO INPUT
4-1	ANTENNA FOR WIRELESS MICROPHONE
4-2	MICROPHONE; CEILING RECESSED BEAM FORMING
5-#	AUDIO OUTPUT
5-1	LOUDSPEAKER; CEILING RECESSED
5-2	SURFACE MOUNTED OUTDOOR SPEAKERS
5-3	ASSISTED LISTENING INDUCTION LOOP
5-4	LOUDSPEAKER - SURFACE MOUNTED
6-#	VIDEO ORIGIN/SOURCE
6-1	VTC CAMERA - POLYCOM EAGLE EYE IV
6-2	PTZ CAMERA; CEILING MOUNTED
7-#	VIDEO DISPLAY (TYPE 1)
7-43	43" FLAT PANEL DISPLAY; WALL MOUNTED
7-86	86" FLAT PANEL DISPLAY; WALL MOUNTED
8-#	VIDEO DISPLAY (TYPE 2)
8-1	MOTORIZED PROJECTOR LIFT
8-2	VIDEO PROJECTOR, 10K LASER
9-#	VIDEO DISPLAY (TYPE 3)
9-1	137" (72.5"W X 116"W IMAGE AREA) FRONT PROJECTION SCREEN, 16:10 RATIO; CEILING RECESSED

TA - EQUIPMENT TAG LEGEND	
XX-X	AV DEVICE TAG
⊕	REQUIRED DATA
⊕	REQUIRED AC (DUPLX, QUADPLX, TWIST LOCK)

TA - ELECTRICAL SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
⊕	MOTORIZED PROJECTION SCREEN, PROJECTOR LIFT OR SHADE WITH LOW-VOLTAGE INTERFACE; SUPPLIED WITH EQUIPMENT. MOUNT ABOVE FINISHED CEILING UNLESS OTHERWISE INDICATED. MAINTENANCE ACCESS TO BOX SHALL BE PROVIDED IN NON-ACCESSIBLE CEILINGS. PROVIDE UTILITY GRADE 120VAC UNLESS OTHERWISE INDICATED.
⊕	5-20R EDISON TYPE POWER RECEPTACLE, DUPLX 120VAC, 20AMP.
⊕	5-20R EDISON TYPE POWER RECEPTACLE, QUADPLX 120VAC, 20AMP.
⊕	TELECOM VOICE/DATA OUTLET BOX. REFER TO TELECOM DRAWINGS FOR INSTALLATION DETAILS.
TV	CABLE TELEVISION CONNECTION - BY OTHERS

- NOTE:**  
**DEVICE MOUNTING COORDINATION WITH ARCHITECTURE MILLWORK**
- REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR COORDINATED AV INFRASTRUCTURE AND ELECTRICAL DEVICE LOCATIONS.
  - DISPLAYS ARE TO BE MOUNTED CENTERED ON THE CENTERLINE OF THE TABLE WHICH MAY NOT BE THE CENTERLINE OF THE MOUNTING WALL.
  - STUD PLACEMENT TO BE COORDINATED WITH DISPLAY IN-WALL BOX MOUNTING TO KEEP IN-WALL BOX ALONG THE CENTERLINE OF THE DISPLAY.
  - WHERE THE DISPLAYS ARE MOUNTED BACK-TO-BACK ON A COMMON PARTITION, THE DISPLAY IN-WALL BOXES ARE TO BE OFFSET AROUND A CENTER STUD.
  - DISPLAY WIDTH AND HEIGHTS SHOWN ARE REPRESENTATIVE AND ARE TO BE CONFIRMED WITH THE FINAL CONTRACTOR PROVIDED CUT-SHEETS PRIOR TO ROUGHING AND DISPLAY RECESSES OR COORDINATING OTHER CRITICAL CLEARANCES. WHEN RECESSED, PROVIDE A 2" MINIMUM CLEARANCE AROUND TOP, BOTTOM AND SIDES OF DISPLAY.
  - ALL TOUCH PANEL BACKBOXES MOUNTED ON THE SAME WALL AS DISPLAYS ARE TO BE HELD 12" CLEAR BETWEEN THE EDGE OF THE DISPLAY AND THE CENTERLINE OF THE TOUCH PANEL BACKBOX.
  - ROOM SCHEDULING DISPLAY CABLING PENETRATIONS IN THE FLOOR/CEILING ARE TO BE COORDINATED WITH EITHER SOLID PARTITION CENTERLINES OR, WHEN MOUNTED ON GLASS, WITH THE CENTERLINE OF THE DOOR EXTRUSION TO ALLOW A NETWORK PATCH CABLE TO BE RUN WITHIN THE EXTRUSION.
  - ALL CONTROL AND SCHEDULING DEVICE HEIGHTS TO BE COORDINATED WITH ARCHITECTURAL ELEVATIONS AND MUST ALLOW THE TOP OF THE DEVICE TO BE UNDER 48" PER ADA.
  - ALL CEILING SPEAKERS AND CEILING MICROPHONES ARE TO BE MOUNTED SYMMETRICAL TO CENTERLINE OF TABLE WHICH MAY NOT BE CENTERLINE OF CEILING GRID.
  - TABLE HATCHES ARE SHOWN TO INDICATE NUMBER OF LOCATIONS IN TABLE WHICH REQUIRE AV ACCOMMODATIONS. TABLE HATCH LOCATIONS AND PLATE REQUIREMENTS TO BE COORDINATED WITH THE FURNITURE PACKAGE.
  - FLOOR BOXES SERVING TABLES ARE TO BE ALIGNED TO THE INTERIOR SIDE OF A TABLE LEG ACCOMMODATING VERTICAL POWER AND SIGNAL CABLE ROUTING.



**1** AUDIOVISUAL ENLARGED PLAN - DINING 158  
SCALE: 1/4" = 1'-0"

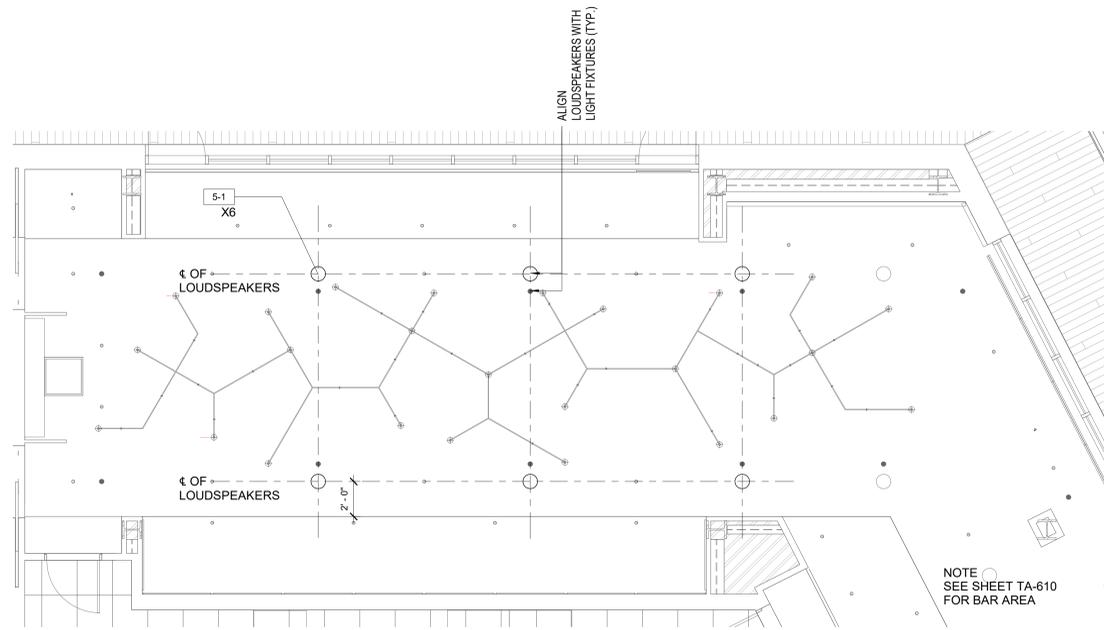
AUDIOVISUAL DEVICE KEY	
TAG	DESCRIPTION
1-# EQUIPMENT RACK	
1-1	FREE STANDING RACK (45RU); FOR AUDIOVISUAL EQUIPMENT
2-# CONNECTIVITY	
2-1	JUNCTION BOX; (1 GANG)
2-2	FLOOR BOX
2-3	TABLE ACCESS HATCH
2-5	JUNCTION BOX; (2 GANG)
2-6	CEILING MOUNTED JUNCTION BOX
2-7	CONDUIT TERMINATION BOX
2-8	RECESSED CAMERA MOUNT
2-10	IN-WALL BOX; (SMALL)
2-12	IN-WALL BOX WITH INTEGRAL MOUNT (32")
2-13	TRUCK BOX
2-14	TRUCK PLATE
2-15	BACKBOX FOR WALL MOUNTED TOUCH PANELS
3-# CONTROL/SCHEDULING	
3-1	TOUCHSCREEN CONTROL PANEL; 10.1" WALL MOUNTED
3-2	TOUCHSCREEN CONTROL PANEL; WIRELESS, 8.7" WALL MOUNTED
3-3	TOUCHSCREEN CONTROL PANEL; 7" WALL MOUNTED
3-4	ROOM SCHEDULING PANEL; WALL MOUNTED
3-5	ROOM SCHEDULING PANEL; GLASS MOUNTED WITH DATA FED FROM ABOVE
3-6	BUTTON PANEL; WALL MOUNTED
4-# AUDIO INPUT	
4-1	ANTENNA FOR WIRELESS MICROPHONE
4-2	MICROPHONE; CEILING RECESSED BEAM FORMING
5-# AUDIO OUTPUT	
5-1	LOUDSPEAKER; CEILING RECESSED
5-2	SURFACE MOUNTED OUTDOOR SPEAKERS
5-3	ASSISTED LISTENING INDUCTION LOOP
5-4	LOUDSPEAKER - SURFACE MOUNTED
6-# VIDEO ORIGIN/SOURCE	
6-1	VTC CAMERA - POLYCOM EAGLE EYE IV
6-2	PTZ CAMERA; CEILING MOUNTED
7-# VIDEO DISPLAY (TYPE 1)	
7-43	43" FLAT PANEL DISPLAY; WALL MOUNTED
7-86	86" FLAT PANEL DISPLAY; WALL MOUNTED
8-# VIDEO DISPLAY (TYPE 2)	
8-1	MOTORIZED PROJECTOR LIFT
8-2	VIDEO PROJECTOR, 10K LASER
9-# VIDEO DISPLAY (TYPE 3)	
9-1	137" (72.5"W X 116"H IMAGE AREA) FRONT PROJECTION SCREEN, 16:10 RATIO; CEILING RECESSED

CONTRACTOR

CONSULTANT

ISSUE DATES

03/20/19	10% SCHEMATIC DESIGN
03/20/19	PLANNING BOARD
07/26/19	75% DESIGN DEVELOPMENT
08/20/19	100% DESIGN DEVELOPMENT
12/10/19	50% CONSTRUCTION DOCUMENTS
03/20/20	CD PROGRESS SET
05/01/20	ISSUED FOR CONSTRUCTION
07/01/20	GMP SET
08/21/20	BID SET



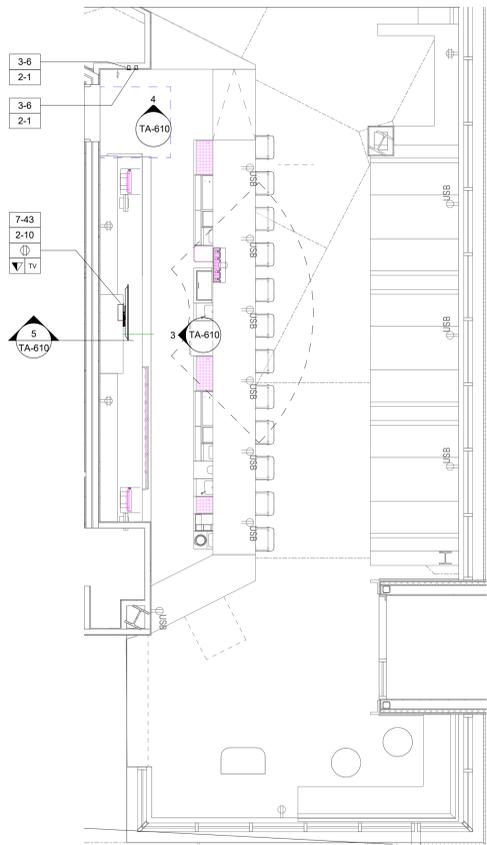
**2** AUDIOVISUAL - ENLARGED RCP - DINING 158  
SCALE: 1/4" = 1'-0"

TA - EQUIPMENT TAG LEGEND	
XX-X	AV DEVICE TAG
(Symbol with circle and arrow)	REQUIRED DATA
(Symbol with circle and arrow)	REQUIRED AC (DUPLICATION, TWIST LOCK)

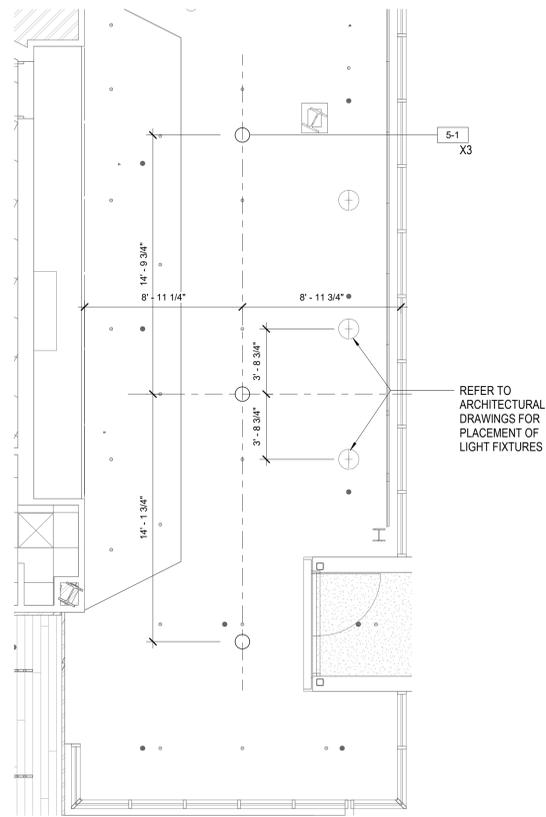
TA - ELECTRICAL SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
(Symbol)	MOTORIZED PROJECTION SCREEN, PROJECTOR LIFT OR SHADE WITH LOW-VOLTAGE INTERFACE; SUPPLIED WITH EQUIPMENT. MOUNT ABOVE FINISHED CEILING UNLESS OTHERWISE INDICATED. MAINTENANCE ACCESS TO BOX SHALL BE PROVIDED IN NON-ACCESSIBLE CEILINGS. PROVIDE UTILITY GRADE 120VAC UNLESS OTHERWISE INDICATED.
(Symbol)	5-20R EDISON TYPE POWER RECEPTACLE, DUPLEX 120VAC, 20AMP.
(Symbol)	5-20R EDISON TYPE POWER RECEPTACLE, QUADPLEX 120VAC, 20AMP.
(Symbol)	TELECOM VOICE/DATA OUTLET BOX. REFER TO TELECOM DRAWINGS FOR INSTALLATION DETAILS.
(Symbol)	CABLE TELEVISION CONNECTION - BY OTHERS

- NOTE:**  
**DEVICE MOUNTING COORDINATION WITH ARCHITECTURE MILLWORK**
- REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR COORDINATED AV INFRASTRUCTURE AND ELECTRICAL DEVICE LOCATIONS.
  - DISPLAYS ARE TO BE MOUNTED CENTERED ON THE CENTERLINE OF THE TABLE WHICH MAY NOT BE THE CENTERLINE OF THE MOUNTING WALL.
  - STUD PLACEMENT TO BE COORDINATED WITH DISPLAY IN-WALL BOX MOUNTING TO KEEP IN-WALL BOX ALONG THE CENTERLINE OF THE DISPLAY.
  - WHERE THE DISPLAYS ARE MOUNTED BACK-TO-BACK ON A COMMON PARTITION, THE DISPLAY IN-WALL BOXES ARE TO BE OFFSET AROUND A CENTER STUD.
  - DISPLAY WIDTH AND HEIGHTS SHOWN ARE REPRESENTATIVE AND ARE TO BE CONFIRMED WITH THE FINAL CONTRACTOR PROVIDED CUT-SHEETS PRIOR TO ROUGHING AND DISPLAY RECESSES OR COORDINATING OTHER CRITICAL CLEARANCES.
  - WHEN RECESSED, PROVIDE A 2" MINIMUM CLEARANCE AROUND TOP, BOTTOM AND SIDES OF DISPLAY.
  - ALL TOUCH PANEL BACKBOXES MOUNTED ON THE SAME WALL AS DISPLAYS ARE TO BE HELD 12" CLEAR BETWEEN THE EDGE OF THE DISPLAY AND THE CENTERLINE OF THE TOUCH PANEL BACKBOX.
  - ROOM SCHEDULING DISPLAY CABLING PENETRATIONS IN THE FLOOR/CEILING ARE TO BE COORDINATED WITH EITHER SOLID PARTITION CENTERLINES OR, WHEN MOUNTED ON GLASS, WITH THE CENTERLINE OF THE DOOR EXTRUSION TO ALLOW A NETWORK PATCH CABLE TO BE RUN WITHIN THE EXTRUSION.
  - ALL CONTROL AND SCHEDULING DEVICE HEIGHTS TO BE COORDINATED WITH ARCHITECTURAL ELEVATIONS AND MUST ALLOW THE TOP OF THE DEVICE TO BE UNDER 48" PER ADA.
  - ALL CEILING SPEAKERS AND CEILING MICROPHONES ARE TO BE MOUNTED SYMMETRICAL TO CENTERLINE OF TABLE WHICH MAY NOT BE CENTERLINE OF CEILING GRID.
  - TABLE HATCHES ARE SHOWN TO INDICATE NUMBER OF LOCATIONS IN TABLE WHICH REQUIRE AV ACCOMMODATIONS. TABLE HATCH LOCATIONS AND PLATE REQUIREMENTS TO BE COORDINATED WITH THE FURNITURE PACKAGE.
  - FLOOR BOXES SERVING TABLES ARE TO BE ALIGNED TO THE INTERIOR SIDE OF A TABLE LEG ACCOMMODATING VERTICAL POWER AND SIGNAL CABLE ROUTING.

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**1 AUDIOVISUAL ENLARGED PLAN - BAR 178**  
SCALE: 1/4" = 1'-0"



**2 AUDIOVISUAL - ENLARGED RCP - BAR 178**  
SCALE: 1/4" = 1'-0"

AUDIOVISUAL DEVICE KEY	
TAG	DESCRIPTION
<b>1-# EQUIPMENT RACK</b>	
1-1	FREE STANDING RACK (45RU); FOR AUDIOVISUAL EQUIPMENT
<b>2-# CONNECTIVITY</b>	
2-1	JUNCTION BOX; (1 GANG)
2-2	FLOOR BOX
2-3	TABLE ACCESS HATCH
2-5	JUNCTION BOX; (2 GANG)
2-6	CEILING MOUNTED JUNCTION BOX
2-7	CONDUIT TERMINATION BOX
2-8	RECESSED CAMERA MOUNT
2-10	IN-WALL BOX; (SMALL)
2-12	IN-WALL BOX WITH INTEGRAL MOUNT (32")
2-13	TRUCK BOX
2-14	TRUCK PLATE
2-15	BACKBOX FOR WALL MOUNTED TOUCH PANELS
<b>3-# CONTROL/SCHEDULING</b>	
3-1	TOUCHSCREEN CONTROL PANEL; 10.1" WALL MOUNTED
3-2	TOUCHSCREEN CONTROL PANEL; WIRELESS, 8.7" WALL MOUNTED
3-3	TOUCHSCREEN CONTROL PANEL; 7" WALL MOUNTED
3-4	ROOM SCHEDULING PANEL; WALL MOUNTED
3-5	ROOM SCHEDULING PANEL; GLASS MOUNTED WITH DATA FED FROM ABOVE
3-6	BUTTON PANEL; WALL MOUNTED
<b>4-# AUDIO INPUT</b>	
4-1	ANTENNA FOR WIRELESS MICROPHONE
4-2	MICROPHONE; CEILING RECESSED BEAM FORMING
<b>5-# AUDIO OUTPUT</b>	
5-1	LOUDSPEAKER; CEILING RECESSED
5-2	SURFACE MOUNTED OUTDOOR SPEAKERS
5-3	ASSISTED LISTENING INDUCTION LOOP
5-4	LOUDSPEAKER - SURFACE MOUNTED
<b>6-# VIDEO ORIGIN/SOURCE</b>	
6-1	VTC CAMERA - POLYCOM EAGLE EYE IV
6-2	PTZ CAMERA; CEILING MOUNTED
<b>7-# VIDEO DISPLAY (TYPE 1)</b>	
7-43	43" FLAT PANEL DISPLAY; WALL MOUNTED
7-86	86" FLAT PANEL DISPLAY; WALL MOUNTED
<b>8-# VIDEO DISPLAY (TYPE 2)</b>	
8-1	MOTORIZED PROJECTOR LIFT
8-2	VIDEO PROJECTOR, 10K LASER
<b>9-# VIDEO DISPLAY (TYPE 3)</b>	
9-1	137" (72.5" H X 116" W IMAGE AREA) FRONT PROJECTION SCREEN, 16:10 RATIO; CEILING RECESSED

VASSAR COLLEGE INN & INSTITUTE  
32343  
COLLEGE AND RAYMOND AVENUE POUGHKEEPSIE, NY

CONTRACTOR

CONSULTANT

ISSUE DATES

03/20/19	10% SCHEMATIC DESIGN
03/20/19	PLANNING BOARD
07/20/19	75% DESIGN DEVELOPMENT
08/20/19	100% DESIGN DEVELOPMENT
12/10/19	50% CONSTRUCTION DOCUMENTS
03/20/20	CD PROGRESS SET
05/01/20	ISSUED FOR CONSTRUCTION
07/01/20	GMP SET
08/21/20	BP SET

TA - EQUIPMENT TAG LEGEND	
	AV DEVICE TAG
	REQUIRED DATA
	REQUIRED AC (DUPLX, QUADPLX, TWIST LOCK)

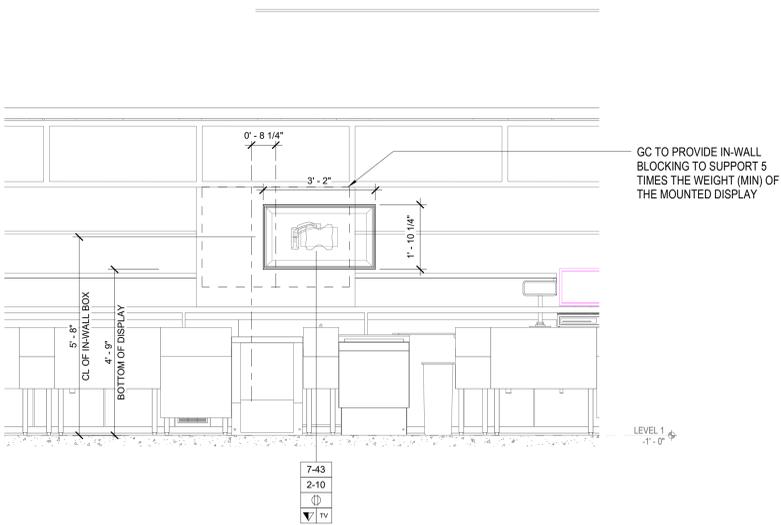
TA - ELECTRICAL SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
	MOTORIZED PROJECTION SCREEN, PROJECTOR LIFT OR SHADE WITH LOW-VOLTAGE INTERFACE; SUPPLIED WITH EQUIPMENT. MOUNT ABOVE FINISHED CEILING UNLESS OTHERWISE INDICATED. MAINTENANCE ACCESS TO BOX SHALL BE PROVIDED IN NON-ACCESSIBLE CEILINGS. PROVIDE UTILITY GRADE 120VAC UNLESS OTHERWISE INDICATED.
	5-20R EDISON TYPE POWER RECEPTACLE, DUPLEX 120VAC, 20AMP.
	5-20R EDISON TYPE POWER RECEPTACLE, QUADPLEX 120VAC, 20AMP.
	TELECOM VOICE/DATA OUTLET BOX. REFER TO TELECOM DRAWINGS FOR INSTALLATION DETAILS.
	CABLE TELEVISION CONNECTION - BY OTHERS

- NOTE:**  
**DEVICE MOUNTING COORDINATION WITH ARCHITECTURE MILLWORK**
- REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR COORDINATED AV INFRASTRUCTURE AND ELECTRICAL DEVICE LOCATIONS.
  - DISPLAYS ARE TO BE MOUNTED CENTERED ON THE CENTERLINE OF THE TABLE WHICH MAY NOT BE THE CENTERLINE OF THE MOUNTING WALL.
  - STUD PLACEMENT TO BE COORDINATED WITH DISPLAY IN-WALL BOX MOUNTING TO KEEP IN-WALL BOX ALONG THE CENTERLINE OF THE DISPLAY.
  - WHERE THE DISPLAYS ARE MOUNTED BACK-TO-BACK ON A COMMON PARTITION, THE DISPLAY IN-WALL BOXES ARE TO BE OFFSET AROUND A CENTER STUD.
  - DISPLAY WIDTH AND HEIGHTS SHOWN ARE REPRESENTATIVE AND ARE TO BE CONFIRMED WITH THE FINAL CONTRACTOR PROVIDED CUT-SHEETS PRIOR TO ROUGHING AND DISPLAY RECESSES OR COORDINATING OTHER CRITICAL CLEARANCES. WHEN RECESSED, PROVIDE A 2" MINIMUM CLEARANCE AROUND TOP, BOTTOM AND SIDES OF DISPLAY.
  - ALL TOUCH PANEL BACKBOXES MOUNTED ON THE SAME WALL AS DISPLAYS ARE TO BE HELD 12" CLEAR BETWEEN THE EDGE OF THE DISPLAY AND THE CENTERLINE OF THE TOUCH PANEL BACKBOX.
  - ROOM SCHEDULING DISPLAY CABLING PENETRATIONS IN THE FLOOR/CEILING ARE TO BE COORDINATED WITH EITHER SOLID PARTITION CENTERLINES OR, WHEN MOUNTED ON GLASS, WITH THE CENTERLINE OF THE DOOR EXTRUSION TO ALLOW A NETWORK PATCH CABLE TO BE RUN WITHIN THE EXTRUSION.
  - ALL CONTROL AND SCHEDULING DEVICE HEIGHTS TO BE COORDINATED WITH ARCHITECTURAL ELEVATIONS AND MUST ALLOW THE TOP OF THE DEVICE TO BE UNDER 48" PER ADA.
  - ALL CEILING SPEAKERS AND CEILING MICROPHONES ARE TO BE MOUNTED SYMMETRICAL TO CENTERLINE OF TABLE WHICH MAY NOT BE CENTERLINE OF CEILING GRID.
  - TABLE HATCHES ARE SHOWN TO INDICATE NUMBER OF LOCATIONS IN TABLE WHICH REQUIRE AV ACCOMMODATIONS. TABLE HATCH LOCATIONS AND PLATE REQUIREMENTS TO BE COORDINATED WITH THE FURNITURE PACKAGE.
  - FLOOR BOXES SERVING TABLES ARE TO BE ALIGNED TO THE INTERIOR SIDE OF A TABLE LEG ACCOMMODATING VERTICAL POWER AND SIGNAL CABLE ROUTING.

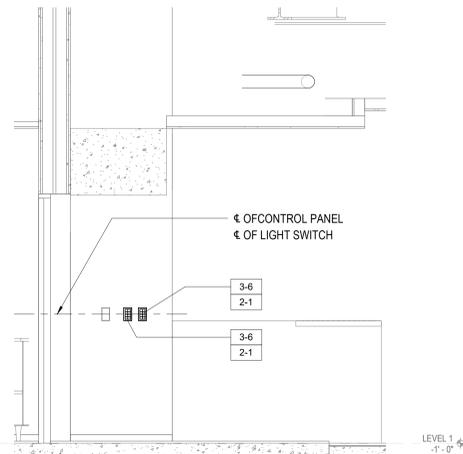
**Frederick Fisher and Partners**  
120 West 28th St, Suite 1802, New York, NY 10001  
(212) 693-6888 | info@ffp.com

AUDIOVISUAL ENLARGED VIEWS  
SCALE: As indicated

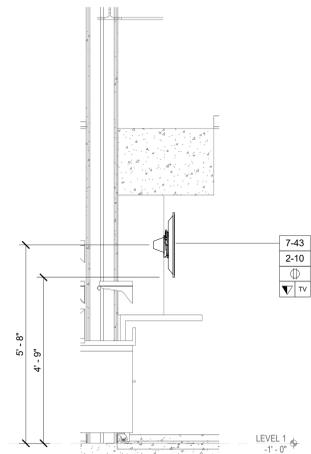
TA-610



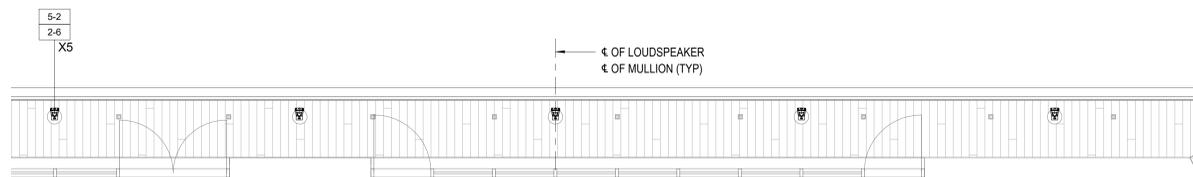
**3 AUDIOVISUAL ELEVATION - BAR 178**  
SCALE: 1/2" = 1'-0"



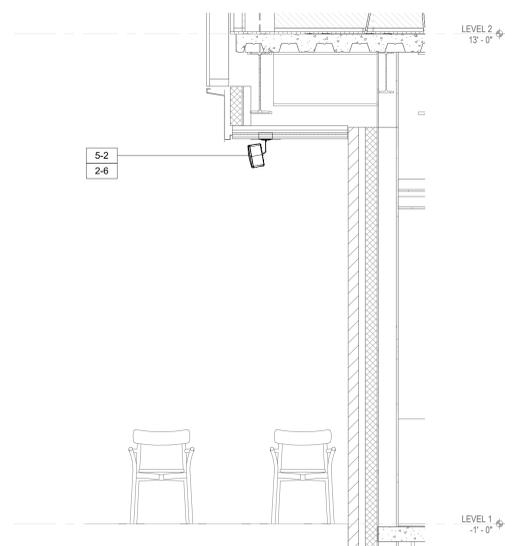
**4 AUDIOVISUAL ELEVATION - BAR 178 (CONTROL PANEL)**  
SCALE: 1/2" = 1'-0"



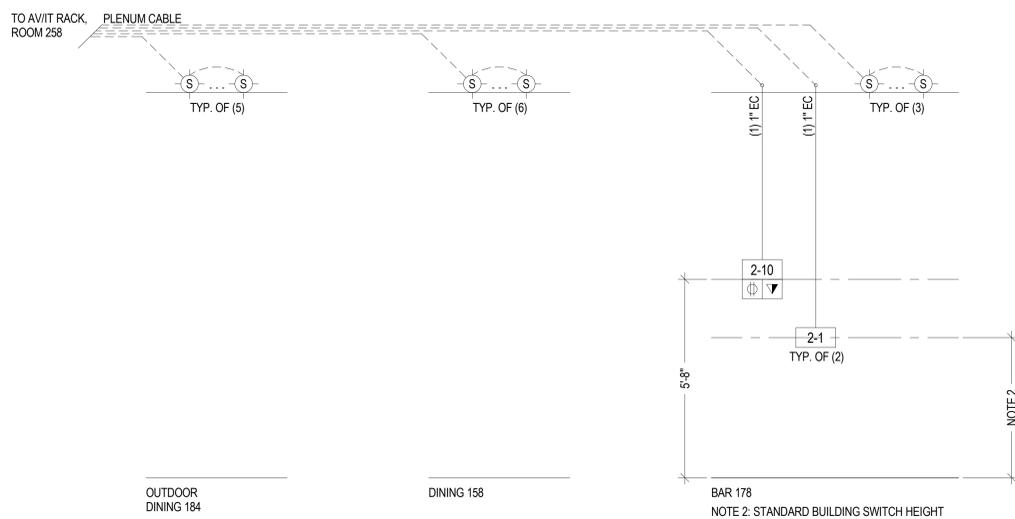
**5 AUDIOVISUAL SECTION - BAR 178**  
SCALE: 1/2" = 1'-0"



**1** AUDIOVISUAL ENLARGED RCP - OUTDOOR DINING 184  
SCALE: 1/4" = 1'-0"



**2** AUDIOVISUAL SECTION - OUTDOOR DINING 184  
SCALE: 1/2" = 1'-0"



**3** AV RISER DIAGRAM - OUTDOOR DINING 184, DINING 158, BAR 178  
SCALE: 1/2" = 1'-0"

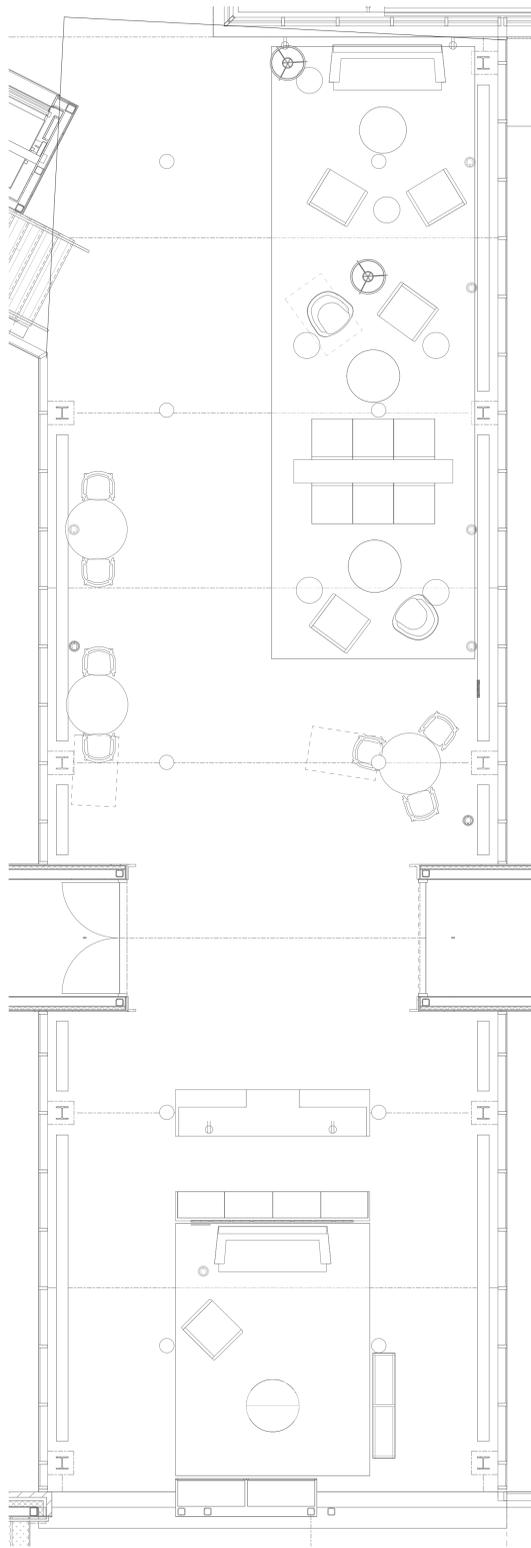
AUDIOVISUAL DEVICE KEY	
TAG	DESCRIPTION
1-#	EQUIPMENT RACK
1-1	FREE STANDING RACK (45RU); FOR AUDIOVISUAL EQUIPMENT
2-#	CONNECTIVITY
2-1	JUNCTION BOX; (1 GANG)
2-2	FLOOR BOX
2-3	TABLE ACCESS HATCH
2-5	JUNCTION BOX; (2 GANG)
2-6	CEILING MOUNTED JUNCTION BOX
2-7	CONDUIT TERMINATION BOX
2-8	RECESSED CAMERA MOUNT
2-10	IN-WALL BOX; (SMALL)
2-12	IN-WALL BOX WITH INTEGRAL MOUNT (32")
2-13	TRUCK BOX
2-14	TRUCK PLATE
2-15	BACKBOX FOR WALL MOUNTED TOUCH PANELS
3-#	CONTROL/SCHEDULING
3-1	TOUCHSCREEN CONTROL PANEL; 10.1" WALL MOUNTED
3-2	TOUCHSCREEN CONTROL PANEL; WIRELESS, 8.7" WALL MOUNTED
3-3	TOUCHSCREEN CONTROL PANEL; 7" WALL MOUNTED
3-4	ROOM SCHEDULING PANEL; WALL MOUNTED
3-5	ROOM SCHEDULING PANEL; GLASS MOUNTED WITH DATA FED FROM ABOVE
3-6	BUTTON PANEL; WALL MOUNTED
4-#	AUDIO INPUT
4-1	ANTENNA FOR WIRELESS MICROPHONE
4-2	MICROPHONE; CEILING RECESSED BEAM FORMING
5-#	AUDIO OUTPUT
5-1	LOUDSPEAKER; CEILING RECESSED
5-2	SURFACE MOUNTED OUTDOOR SPEAKERS
5-3	ASSISTED LISTENING INDUCTION LOOP
5-4	LOUDSPEAKER - SURFACE MOUNTED
6-#	VIDEO ORIGIN/SOURCE
6-1	VTC CAMERA - POLYCOM EAGLE EYE IV
6-2	PTZ CAMERA; CEILING MOUNTED
7-#	VIDEO DISPLAY (TYPE 1)
7-43	43" FLAT PANEL DISPLAY; WALL MOUNTED
7-86	86" FLAT PANEL DISPLAY; WALL MOUNTED
8-#	VIDEO DISPLAY (TYPE 2)
8-1	MOTORIZED PROJECTOR LIFT
8-2	VIDEO PROJECTOR, 10K LASER
9-#	VIDEO DISPLAY (TYPE 3)
9-1	137" (72.5"W X 116"W IMAGE AREA) FRONT PROJECTION SCREEN, 16:10 RATIO; CEILING RECESSED

TA - EQUIPMENT TAG LEGEND	
	AV DEVICE TAG
	REQUIRED DATA
	REQUIRED AC (DUPEX, QUADPLEX, TWIST LOCK)

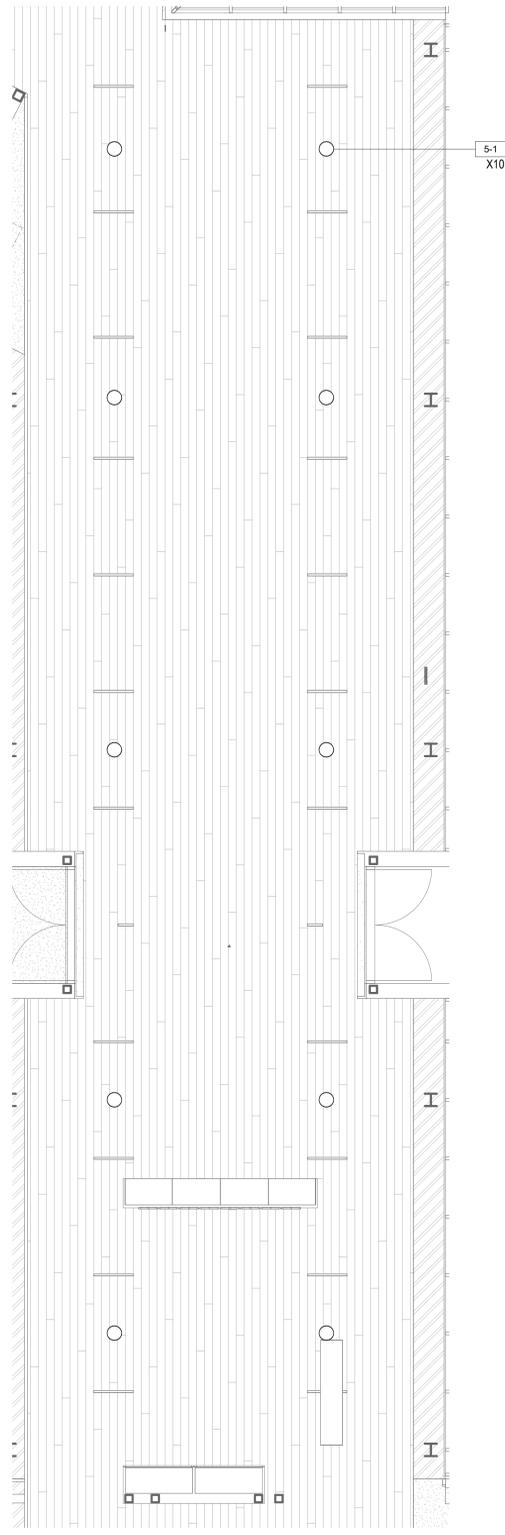
  

TA - ELECTRICAL SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
	MOTORIZED PROJECTION SCREEN, PROJECTOR LIFT OR SHADE WITH LOW-VOLTAGE INTERFACE; SUPPLIED WITH EQUIPMENT. MOUNT ABOVE FINISHED CEILING UNLESS OTHERWISE INDICATED. MAINTENANCE ACCESS TO BOX SHALL BE PROVIDED IN NON-ACCESSIBLE CEILINGS. PROVIDE UTILITY GRADE 120VAC UNLESS OTHERWISE INDICATED.
	5-20R EDISON TYPE POWER RECEPTACLE, DUPLEX 120VAC, 20AMP.
	5-20R EDISON TYPE POWER RECEPTACLE, QUADPLEX 120VAC, 20AMP.
	TELECOM VOICE/DATA OUTLET BOX. REFER TO TELECOM DRAWINGS FOR INSTALLATION DETAILS.
	CABLE TELEVISION CONNECTION - BY OTHERS

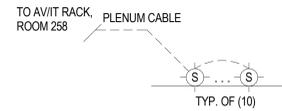
- NOTE:**  
**DEVICE MOUNTING COORDINATION WITH ARCHITECTURE MILLWORK**
- REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR COORDINATED AV INFRASTRUCTURE AND ELECTRICAL DEVICE LOCATIONS.
  - DISPLAYS ARE TO BE MOUNTED CENTERED ON THE CENTERLINE OF THE TABLE WHICH MAY NOT BE THE CENTERLINE OF THE MOUNTING WALL.
  - STUD PLACEMENT TO BE COORDINATED WITH DISPLAY IN-WALL BOX MOUNTING TO KEEP IN-WALL BOX ALONG THE CENTERLINE OF THE DISPLAY.
  - WHERE THE DISPLAYS ARE MOUNTED BACK-TO-BACK ON A COMMON PARTITION, THE DISPLAY IN-WALL BOXES ARE TO BE OFFSET AROUND A CENTER STUD.
  - DISPLAY WIDTH AND HEIGHTS SHOWN ARE REPRESENTATIVE AND ARE TO BE CONFIRMED WITH THE FINAL CONTRACTOR PROVIDED CUT-SHEETS PRIOR TO ROUGHING AND DISPLAY RECESSES OR COORDINATING OTHER CRITICAL CLEARANCES.
  - WHEN RECESSED, PROVIDE A 2" MINIMUM CLEARANCE AROUND TOP, BOTTOM AND SIDES OF DISPLAY.
  - ALL TOUCH PANEL BACKBOXES MOUNTED ON THE SAME WALL AS DISPLAYS ARE TO BE HELD 12" CLEAR BETWEEN THE EDGE OF THE DISPLAY AND THE CENTERLINE OF THE TOUCH PANEL BACKBOX.
  - ROOM SCHEDULING DISPLAY CABLING PENETRATIONS IN THE FLOOR/CEILING ARE TO BE COORDINATED WITH EITHER SOLID PARTITION CENTERLINES OR, WHEN MOUNTED ON GLASS, WITH THE CENTERLINE OF THE DOOR EXTRUSION TO ALLOW A NETWORK PATCH CABLE TO BE RUN WITHIN THE EXTRUSION.
  - ALL CONTROL AND SCHEDULING DEVICE HEIGHTS TO BE COORDINATED WITH ARCHITECTURAL ELEVATIONS AND MUST ALLOW THE TOP OF THE DEVICE TO BE UNDER 48" PER ADA.
  - ALL CEILING SPEAKERS AND CEILING MICROPHONES ARE TO BE MOUNTED SYMMETRICAL TO CENTERLINE OF TABLE WHICH MAY NOT BE CENTERLINE OF CEILING GRID.
  - TABLE HATCHES ARE SHOWN TO INDICATE NUMBER OF LOCATIONS IN TABLE WHICH REQUIRE AV ACCOMMODATIONS. TABLE HATCH LOCATIONS AND PLATE REQUIREMENTS TO BE COORDINATED WITH THE FURNITURE PACKAGE.
  - FLOOR BOXES SERVING TABLES ARE TO BE ALIGNED TO THE INTERIOR SIDE OF A TABLE LEG ACCOMMODATING VERTICAL POWER AND SIGNAL CABLE ROUTING.



**1 AUDIOVISUAL ENLARGED PLAN - MAIN LOBBY 150**  
SCALE: 1/4" = 1'-0"



**2 AUDIOVISUAL - ENLARGED RCP - MAIN LOBBY 150**  
SCALE: 1/4" = 1'-0"



**3 AV RISER DIAGRAM - MAIN LOBBY 150**  
SCALE: 1/2" = 1'-0"

AUDIOVISUAL DEVICE KEY	
TAG	DESCRIPTION
1-# EQUIPMENT RACK	
1-1	FREE STANDING RACK (45RU); FOR AUDIOVISUAL EQUIPMENT
2-# CONNECTIVITY	
2-1	JUNCTION BOX; (1 GANG)
2-2	FLOOR BOX
2-3	TABLE ACCESS HATCH
2-5	JUNCTION BOX; (2 GANG)
2-6	CEILING MOUNTED JUNCTION BOX
2-7	CONDUIT TERMINATION BOX
2-8	RECESSED CAMERA MOUNT
2-10	IN-WALL BOX; (SMALL)
2-12	IN-WALL BOX WITH INTEGRAL MOUNT (32")
2-13	TRUCK BOX
2-14	TRUCK PLATE
2-15	BACKBOX FOR WALL MOUNTED TOUCH PANELS
3-# CONTROL/SCHEDULING	
3-1	TOUCHSCREEN CONTROL PANEL; 10.1" WALL MOUNTED
3-2	TOUCHSCREEN CONTROL PANEL; WIRELESS, 8.7" WALL MOUNTED
3-3	TOUCHSCREEN CONTROL PANEL; 7" WALL MOUNTED
3-4	ROOM SCHEDULING PANEL; WALL MOUNTED
3-5	ROOM SCHEDULING PANEL; GLASS MOUNTED WITH DATA FED FROM ABOVE
3-6	BUTTON PANEL; WALL MOUNTED
4-# AUDIO INPUT	
4-1	ANTENNA FOR WIRELESS MICROPHONE
4-2	MICROPHONE; CEILING RECESSED BEAM FORMING
5-# AUDIO OUTPUT	
5-1	LOUDSPEAKER; CEILING RECESSED
5-2	SURFACE MOUNTED OUTDOOR SPEAKERS
5-3	ASSISTED LISTENING INDUCTION LOOP
5-4	LOUDSPEAKER - SURFACE MOUNTED
6-# VIDEO ORIGIN/SOURCE	
6-1	VTC CAMERA - POLYCOM EAGLE EYE IV
6-2	PTZ CAMERA; CEILING MOUNTED
7-# VIDEO DISPLAY (TYPE 1)	
7-43	43" FLAT PANEL DISPLAY; WALL MOUNTED
7-86	86" FLAT PANEL DISPLAY; WALL MOUNTED
8-# VIDEO DISPLAY (TYPE 2)	
8-1	MOTORIZED PROJECTOR LIFT
8-2	VIDEO PROJECTOR, 10K LASER
9-# VIDEO DISPLAY (TYPE 3)	
9-1	137" (72.5"W X 116"W IMAGE AREA) FRONT PROJECTION SCREEN, 16:10 RATIO; CEILING RECESSED

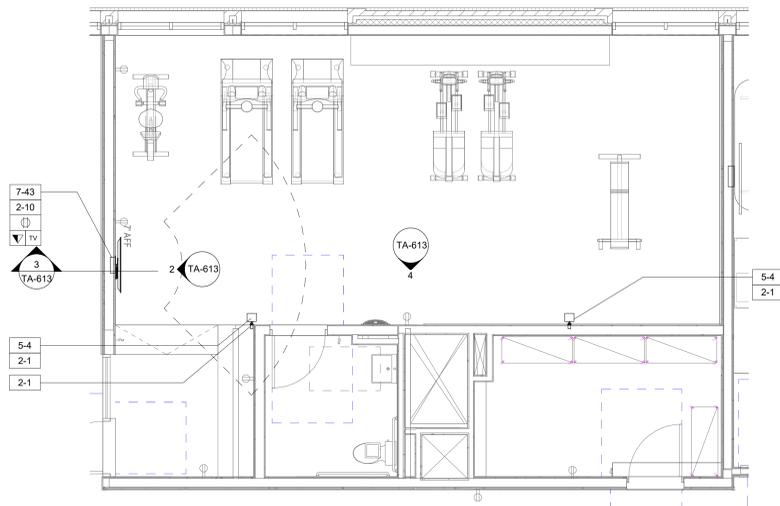
TA - EQUIPMENT TAG LEGEND	
XX-X	AV DEVICE TAG
(S)	REQUIRED DATA
(A)	REQUIRED AC (DUPEX, QUADPLEX, TWIST LOCK)

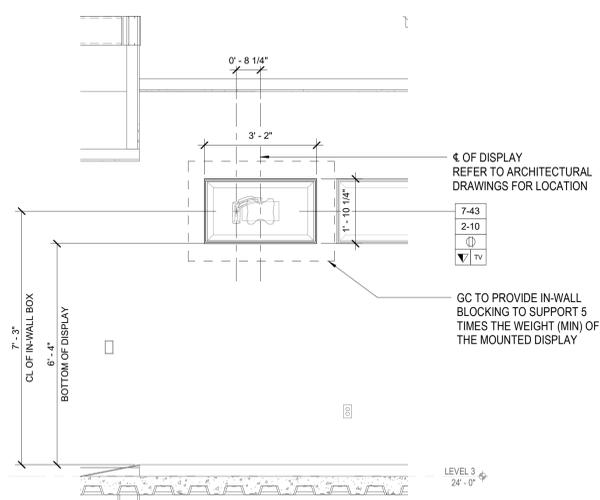
TA - ELECTRICAL SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
(M)	MOTORIZED PROJECTION SCREEN, PROJECTOR LIFT OR SHADE WITH LOW-VOLTAGE INTERFACE; SUPPLIED WITH EQUIPMENT. MOUNT ABOVE FINISHED CEILING UNLESS OTHERWISE INDICATED. MAINTENANCE ACCESS TO BOX SHALL BE PROVIDED IN NON-ACCESSIBLE CEILINGS. PROVIDE UTILITY GRADE 120VAC UNLESS OTHERWISE INDICATED.
(E)	5-20R EDISON TYPE POWER RECEPTACLE, DUPEX 120VAC, 20AMP.
(Q)	5-20R EDISON TYPE POWER RECEPTACLE, QUADPLEX 120VAC, 20AMP.
(V)	TELECOM VOICE/DATA OUTLET BOX. REFER TO TELECOM DRAWINGS FOR INSTALLATION DETAILS.
(TV)	CABLE TELEVISION CONNECTION - BY OTHERS

- NOTE:**  
**DEVICE MOUNTING COORDINATION WITH ARCHITECTURE MILLWORK**
- REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR COORDINATED AV INFRASTRUCTURE AND ELECTRICAL DEVICE LOCATIONS.
  - DISPLAYS ARE TO BE MOUNTED CENTERED ON THE CENTERLINE OF THE TABLE WHICH MAY NOT BE THE CENTERLINE OF THE MOUNTING WALL.
  - STUD PLACEMENT TO BE COORDINATED WITH DISPLAY IN-WALL BOX MOUNTING TO KEEP IN-WALL BOX ALONG THE CENTERLINE OF THE DISPLAY.
  - WHERE THE DISPLAYS ARE MOUNTED BACK-TO-BACK ON A COMMON PARTITION, THE DISPLAY IN-WALL BOXES ARE TO BE OFFSET AROUND A CENTER STUD.
  - DISPLAY WIDTH AND HEIGHTS SHOWN ARE REPRESENTATIVE AND ARE TO BE CONFIRMED WITH THE FINAL CONTRACTOR PROVIDED CUT-SHEETS PRIOR TO ROUGHING AND DISPLAY RECESSES OR COORDINATING OTHER CRITICAL CLEARANCES.
  - WHEN RECESSED, PROVIDE A 2" MINIMUM CLEARANCE AROUND TOP, BOTTOM AND SIDES OF DISPLAY.
  - ALL TOUCH PANEL BACKBOXES MOUNTED ON THE SAME WALL AS DISPLAYS ARE TO BE HELD 12" CLEAR BETWEEN THE EDGE OF THE DISPLAY AND THE CENTERLINE OF THE TOUCH PANEL BACKBOX.
  - ROOM SCHEDULING DISPLAY CABLING PENETRATIONS IN THE FLOOR/CEILING ARE TO BE COORDINATED WITH EITHER SOLID PARTITION CENTERLINES OR, WHEN MOUNTED ON GLASS, WITH THE CENTERLINE OF THE DOOR EXTRUSION TO ALLOW A NETWORK PATCH CABLE TO BE RUN WITHIN THE EXTRUSION.
  - ALL CONTROL AND SCHEDULING DEVICE HEIGHTS TO BE COORDINATED WITH ARCHITECTURAL ELEVATIONS AND MUST ALLOW THE TOP OF THE DEVICE TO BE UNDER 48" PER ADA.
  - ALL CEILING SPEAKERS AND CEILING MICROPHONES ARE TO BE MOUNTED SYMMETRICAL TO CENTERLINE OF TABLE WHICH MAY NOT BE CENTERLINE OF CEILING GRID.
  - TABLE HATCHES ARE SHOWN TO INDICATE NUMBER OF LOCATIONS IN TABLE WHICH REQUIRE AV ACCOMMODATIONS. TABLE HATCH LOCATIONS AND PLATE REQUIREMENTS TO BE COORDINATED WITH THE FURNITURE PACKAGE.
  - FLOOR BOXES SERVING TABLES ARE TO BE ALIGNED TO THE INTERIOR SIDE OF A TABLE LEG ACCOMMODATING VERTICAL POWER AND SIGNAL CABLE ROUTING.

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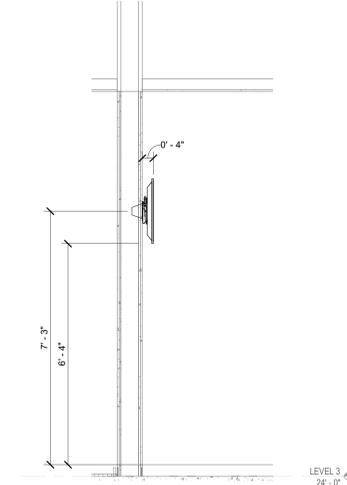


**1 AUDIOVISUAL ENLARGED PLAN - FITNESS CENTER 331**  
SCALE: 1/4" = 1'-0"



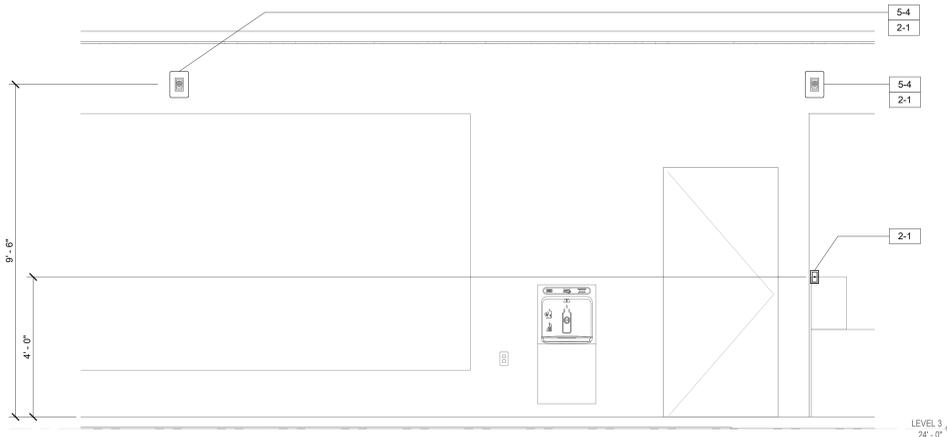
**2 AUDIOVISUAL ELEVATION - FITNESS CENTER 331 (WEST)**  
SCALE: 1/2" = 1'-0"

NOTE:  
FOR REFERENCE AND COORDINATION ONLY. DISPLAY AND MOUNT FURNISH AND  
INSTALL BY OWNER.

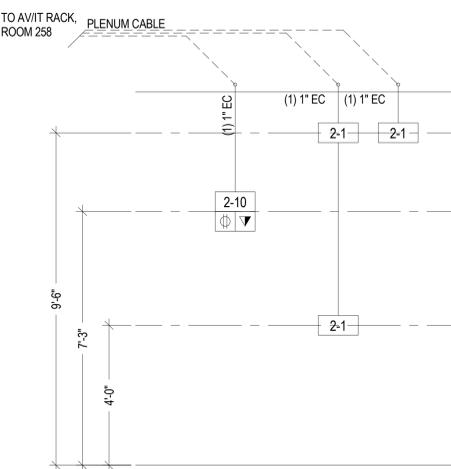


**3 AUDIOVISUAL SECTION - FITNESS CENTER 331**  
SCALE: 1/2" = 1'-0"

AUDIOVISUAL DEVICE KEY	
TAG	DESCRIPTION
1-# EQUIPMENT RACK	
1-1	FREE STANDING RACK (45RU); FOR AUDIOVISUAL EQUIPMENT
2-# CONNECTIVITY	
2-1	JUNCTION BOX; (1 GANG)
2-2	FLOOR BOX
2-3	TABLE ACCESS HATCH
2-5	JUNCTION BOX; (2 GANG)
2-6	CEILING MOUNTED JUNCTION BOX
2-7	CONDUIT TERMINATION BOX
2-8	RECESSED CAMERA MOUNT
2-10	IN-WALL BOX; (SMALL)
2-12	IN-WALL BOX WITH INTEGRAL MOUNT (32")
2-13	TRUCK BOX
2-14	TRUCK PLATE
2-15	BACKBOX FOR WALL MOUNTED TOUCH PANELS
3-# CONTROL/SCHEDULING	
3-1	TOUCHSCREEN CONTROL PANEL; 10.1" WALL MOUNTED
3-2	TOUCHSCREEN CONTROL PANEL; WIRELESS, 8.7" WALL MOUNTED
3-3	TOUCHSCREEN CONTROL PANEL; 7" WALL MOUNTED
3-4	ROOM SCHEDULING PANEL; WALL MOUNTED
3-5	ROOM SCHEDULING PANEL; GLASS MOUNTED WITH DATA FED FROM ABOVE
3-6	BUTTON PANEL; WALL MOUNTED
4-# AUDIO INPUT	
4-1	ANTENNA FOR WIRELESS MICROPHONE
4-2	MICROPHONE; CEILING RECESSED BEAM FORMING
5-# AUDIO OUTPUT	
5-1	LOUDSPEAKER; CEILING RECESSED
5-2	SURFACE MOUNTED OUTDOOR SPEAKERS
5-3	ASSISTED LISTENING INDUCTION LOOP
5-4	LOUDSPEAKER - SURFACE MOUNTED
6-# VIDEO ORIGIN/SOURCE	
6-1	VTC CAMERA - POLYCOM EAGLE EYE IV
6-2	PTZ CAMERA; CEILING MOUNTED
7-# VIDEO DISPLAY (TYPE 1)	
7-43	43" FLAT PANEL DISPLAY; WALL MOUNTED
7-86	86" FLAT PANEL DISPLAY; WALL MOUNTED
8-# VIDEO DISPLAY (TYPE 2)	
8-1	MOTORIZED PROJECTOR LIFT
8-2	VIDEO PROJECTOR, 10K LASER
9-# VIDEO DISPLAY (TYPE 3)	
9-1	137" (72.5"H X 116"W IMAGE AREA) FRONT PROJECTION SCREEN, 16:10 RATIO; CEILING RECESSED



**4 AUDIOVISUAL ELEVATION - FITNESS CENTER 331 (SOUTH)**  
SCALE: 1/2" = 1'-0"



**5 AV RISER DIAGRAM - FITNESS CENTER 331**  
SCALE: 1/2" = 1'-0"

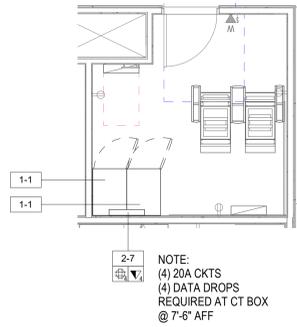
TA - EQUIPMENT TAG LEGEND	
XX-X	AV DEVICE TAG
⊕	REQUIRED DATA
⊕	REQUIRED AC (DUPLX, QUADPLX, TWIST LOCK)

TA - ELECTRICAL SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
⊕	MOTORIZED PROJECTION SCREEN, PROJECTOR LIFT OR SHADE WITH LOW-VOLTAGE INTERFACE, SUPPLIED WITH EQUIPMENT. MOUNT ABOVE FINISHED CEILING UNLESS OTHERWISE INDICATED. MAINTENANCE ACCESS TO BOX SHALL BE PROVIDED IN NON-ACCESSIBLE CEILINGS. PROVIDE UTILITY GRADE 120VAC UNLESS OTHERWISE INDICATED.
⊕	5-20R EDISON TYPE POWER RECEPTACLE, DUPLX 120VAC, 20AMP.
⊕	5-20R EDISON TYPE POWER RECEPTACLE, QUADPLX 120VAC, 20AMP.
⊕	TELECOM VOICE/DATA OUTLET BOX REFER TO TELECOM DRAWINGS FOR INSTALLATION DETAILS.
TV	CABLE TELEVISION CONNECTION - BY OTHERS

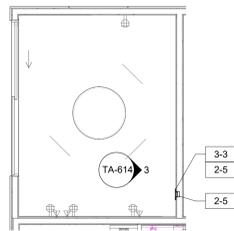
NOTE:  
**DEVICE MOUNTING COORDINATION WITH ARCHITECTURE MILLWORK**

- REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR COORDINATED AV INFRASTRUCTURE AND ELECTRICAL DEVICE LOCATIONS.
- DISPLAYS ARE TO BE MOUNTED CENTERED ON THE CENTERLINE OF THE TABLE WHICH MAY NOT BE THE CENTERLINE OF THE MOUNTING WALL.
- STUD PLACEMENT TO BE COORDINATED WITH DISPLAY IN-WALL BOX MOUNTING TO KEEP IN-WALL BOX ALONG THE CENTERLINE OF THE DISPLAY.
- WHERE THE DISPLAYS ARE MOUNTED BACK-TO-BACK ON A COMMON PARTITION, THE DISPLAY IN-WALL BOXES ARE TO BE OFFSET AROUND A CENTER STUD.
- DISPLAY WIDTH AND HEIGHTS SHOWN ARE REPRESENTATIVE AND ARE TO BE CONFIRMED WITH THE FINAL CONTRACTOR PROVIDED CUT-SHEETS PRIOR TO ROUGHING AND DISPLAY RECESSES OR COORDINATING OTHER CRITICAL CLEARANCES. WHEN RECESSED, PROVIDE A 2" MINIMUM CLEARANCE AROUND TOP, BOTTOM AND SIDES OF DISPLAY.
- ALL TOUCH PANEL BACKBOXES MOUNTED ON THE SAME WALL AS DISPLAYS ARE TO BE HELD 12" CLEAR BETWEEN THE EDGE OF THE DISPLAY AND THE CENTERLINE OF THE TOUCH PANEL BACKBOX.
- ROOM SCHEDULING DISPLAY CABLING PENETRATIONS IN THE FLOOR/CEILING ARE TO BE COORDINATED WITH EITHER SOLID PARTITION CENTERLINES OR, WHEN MOUNTED ON GLASS, WITH THE CENTERLINE OF THE DOOR EXTRUSION TO ALLOW A NETWORK PATCH CABLE TO BE RUN WITHIN THE EXTRUSION.
- ALL CONTROL AND SCHEDULING DEVICE HEIGHTS TO BE COORDINATED WITH ARCHITECTURAL ELEVATIONS AND MUST ALLOW THE TOP OF THE DEVICE TO BE UNDER 48" PER ADA.
- ALL CEILING SPEAKERS AND CEILING MICROPHONES ARE TO BE MOUNTED SYMMETRICAL TO CENTERLINE OF TABLE WHICH MAY NOT BE CENTERLINE OF CEILING GRID.
- TABLE HATCHES ARE SHOWN TO INDICATE NUMBER OF LOCATIONS IN TABLE WHICH REQUIRE AV ACCOMMODATIONS. TABLE HATCH LOCATIONS AND PLATE REQUIREMENTS TO BE COORDINATED WITH THE FURNITURE PACKAGE.
- FLOOR BOXES SERVING TABLES ARE TO BE ALIGNED TO THE INTERIOR SIDE OF A TABLE LEG ACCOMMODATING VERTICAL POWER AND SIGNAL CABLE ROUTING.

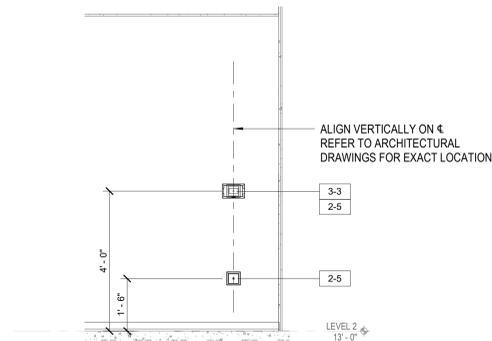
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**1** AUDIOVISUAL ENLARGED PLAN - AV/IT RACK ROOM 258  
SCALE: 1/4" = 1'-0"



**2** AUDIOVISUAL ENLARGED PLAN - DIRECTORS OFFICE 260  
SCALE: 1/4" = 1'-0"



**3** AUDIOVISUAL ELEVATION - DIRECTORS OFFICE 260  
SCALE: 1/2" = 1'-0"

AUDIOVISUAL DEVICE KEY	
TAG	DESCRIPTION
1-# EQUIPMENT RACK	
1-1	FREE STANDING RACK (45RU); FOR AUDIOVISUAL EQUIPMENT
2-# CONNECTIVITY	
2-1	JUNCTION BOX; (1 GANG)
2-2	FLOOR BOX
2-3	TABLE ACCESS HATCH
2-5	JUNCTION BOX; (2 GANG)
2-6	CEILING MOUNTED JUNCTION BOX
2-7	CONDUIT TERMINATION BOX
2-8	RECESSED CAMERA MOUNT
2-10	IN-WALL BOX; (SMALL)
2-12	IN-WALL BOX WITH INTEGRAL MOUNT (32")
2-13	TRUCK BOX
2-14	TRUCK PLATE
2-15	BACKBOX FOR WALL MOUNTED TOUCH PANELS
3-# CONTROL/SCHEDULING	
3-1	TOUCHSCREEN CONTROL PANEL; 10.1" WALL MOUNTED
3-2	TOUCHSCREEN CONTROL PANEL; WIRELESS, 8.7" WALL MOUNTED
3-3	TOUCHSCREEN CONTROL PANEL; 7" WALL MOUNTED
3-4	ROOM SCHEDULING PANEL; WALL MOUNTED
3-5	ROOM SCHEDULING PANEL; GLASS MOUNTED WITH DATA FED FROM ABOVE
3-6	BUTTON PANEL; WALL MOUNTED
4-# AUDIO INPUT	
4-1	ANTENNA FOR WIRELESS MICROPHONE
4-2	MICROPHONE; CEILING RECESSED BEAM FORMING
5-# AUDIO OUTPUT	
5-1	LOUDSPEAKER; CEILING RECESSED
5-2	SURFACE MOUNTED OUTDOOR SPEAKERS
5-3	ASSISTED LISTENING INDUCTION LOOP
5-4	LOUDSPEAKER - SURFACE MOUNTED
6-# VIDEO ORIGIN/SOURCE	
6-1	VTC CAMERA - POLYCOM EAGLE EYE IV
6-2	PTZ CAMERA; CEILING MOUNTED
7-# VIDEO DISPLAY (TYPE 1)	
7-43	43" FLAT PANEL DISPLAY; WALL MOUNTED
7-86	86" FLAT PANEL DISPLAY; WALL MOUNTED
8-# VIDEO DISPLAY (TYPE 2)	
8-1	MOTORIZED PROJECTOR LIFT
8-2	VIDEO PROJECTOR, 10K LASER
9-# VIDEO DISPLAY (TYPE 3)	
9-1	137" (72.5"W X 116"W IMAGE AREA) FRONT PROJECTION SCREEN, 16:10 RATIO; CEILING RECESSED

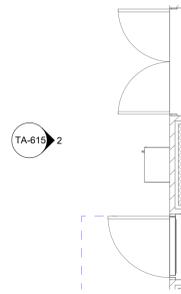
TA - EQUIPMENT TAG LEGEND	
XX-X	AV DEVICE TAG
Ⓜ	REQUIRED DATA
Ⓜ	REQUIRED AC (DUPEX, QUADPLEX, TWIST LOCK)

TA - ELECTRICAL SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
Ⓜ	MOTORIZED PROJECTION SCREEN, PROJECTOR LIFT OR SHADE WITH LOW-VOLTAGE INTERFACE; SUPPLIED WITH EQUIPMENT. MOUNT ABOVE FINISHED CEILING UNLESS OTHERWISE INDICATED. MAINTENANCE ACCESS TO BOX SHALL BE PROVIDED IN NON-ACCESSIBLE CEILINGS. PROVIDE UTILITY GRADE 120VAC UNLESS OTHERWISE INDICATED.
Ⓜ	5-20R EDISON TYPE POWER RECEPTACLE, DUPEX 120VAC, 20AMP.
Ⓜ	5-20R EDISON TYPE POWER RECEPTACLE, QUADPLEX 120VAC, 20AMP.
Ⓜ	TELECOM VOICE/DATA OUTLET BOX. REFER TO TELECOM DRAWINGS FOR INSTALLATION DETAILS.
TV	CABLE TELEVISION CONNECTION - BY OTHERS

- NOTE:**  
**DEVICE MOUNTING COORDINATION WITH ARCHITECTURE MILLWORK**
- REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR COORDINATED AV INFRASTRUCTURE AND ELECTRICAL DEVICE LOCATIONS.
  - DISPLAYS ARE TO BE MOUNTED CENTERED ON THE CENTERLINE OF THE TABLE WHICH MAY NOT BE THE CENTERLINE OF THE MOUNTING WALL. STUD PLACEMENT TO BE COORDINATED WITH DISPLAY IN-WALL BOX MOUNTING TO KEEP IN-WALL BOX ALONG THE CENTERLINE OF THE DISPLAY.
  - WHERE THE DISPLAYS ARE MOUNTED BACK-TO-BACK ON A COMMON PARTITION, THE DISPLAY IN-WALL BOXES ARE TO BE OFFSET AROUND A CENTER STUD. DISPLAY WIDTH AND HEIGHTS SHOWN ARE REPRESENTATIVE AND ARE TO BE CONFIRMED WITH THE FINAL CONTRACTOR PROVIDED CUT-SHEETS PRIOR TO ROUGHING AND DISPLAY RECESSES OR COORDINATING OTHER CRITICAL CLEARANCES.
  - WHEN RECESSED, PROVIDE A 2" MINIMUM CLEARANCE AROUND TOP, BOTTOM AND SIDES OF DISPLAY.
  - ALL TOUCH PANEL BACKBOXES MOUNTED ON THE SAME WALL AS DISPLAYS ARE TO BE HELD 12" CLEAR BETWEEN THE EDGE OF THE DISPLAY AND THE CENTERLINE OF THE TOUCH PANEL BACKBOX.
  - ROOM SCHEDULING DISPLAY CABLING PENETRATIONS IN THE FLOOR/CEILING ARE TO BE COORDINATED WITH EITHER SOLID PARTITION CENTERLINES OR, WHEN MOUNTED ON GLASS, WITH THE CENTERLINE OF THE DOOR EXTRUSION TO ALLOW A NETWORK PATCH CABLE TO BE RUN WITHIN THE EXTRUSION.
  - ALL CONTROL AND SCHEDULING DEVICE HEIGHTS TO BE COORDINATED WITH ARCHITECTURAL ELEVATIONS AND MUST ALLOW THE TOP OF THE DEVICE TO BE UNDER 48" PER ADA.
  - ALL CEILING SPEAKERS AND CEILING MICROPHONES ARE TO BE MOUNTED SYMMETRICAL TO CENTERLINE OF TABLE WHICH MAY NOT BE CENTERLINE OF CEILING GRID.
  - TABLE HATCHES ARE SHOWN TO INDICATE NUMBER OF LOCATIONS IN TABLE WHICH REQUIRE AV ACCOMMODATIONS. TABLE HATCH LOCATIONS AND PLATE REQUIREMENTS TO BE COORDINATED WITH THE FURNITURE PACKAGE.
  - FLOOR BOXES SERVING TABLES ARE TO BE INSTALLED TO THE INTERIOR SIDE OF A TABLE LEG ACCOMMODATING VERTICAL POWER AND SIGNAL CABLE ROUTING.

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NOTE  
PROVIDE:  
[QTY. 2] 2" CONDUIT TO AV RACK ROOM  
[QTY. 2] 1.25" CONDUIT TO LRG CONF RM SIDE A  
[QTY. 2] 1.25" CONDUIT TO LRG CONF RM SIDE B

**1** AUDIOVISUAL ENLARGED PLAN - EXTERIOR  
SCALE: 1/4" = 1'-0"



**2** AUDIOVISUAL ELEVATION - EXTERIOR  
SCALE: 1/2" = 1'-0"

AUDIOVISUAL DEVICE KEY	
TAG	DESCRIPTION
<b>1-# EQUIPMENT RACK</b>	
1-1	FREE STANDING RACK (45RU); FOR AUDIOVISUAL EQUIPMENT
<b>2-# CONNECTIVITY</b>	
2-1	JUNCTION BOX; (1 GANG)
2-2	FLOOR BOX
2-3	TABLE ACCESS HATCH
2-5	JUNCTION BOX; (2 GANG)
2-6	CEILING MOUNTED JUNCTION BOX
2-7	CONDUIT TERMINATION BOX
2-8	RECESSED CAMERA MOUNT
2-10	IN-WALL BOX; (SMALL)
2-12	IN-WALL BOX WITH INTEGRAL MOUNT (32")
2-13	TRUCK BOX
2-14	TRUCK PLATE
2-15	BACKBOX FOR WALL MOUNTED TOUCH PANELS
<b>3-# CONTROL/SCHEDULING</b>	
3-1	TOUCHSCREEN CONTROL PANEL; 10.1" WALL MOUNTED
3-2	TOUCHSCREEN CONTROL PANEL; WIRELESS, 8.7" WALL MOUNTED
3-3	TOUCHSCREEN CONTROL PANEL; 7" WALL MOUNTED
3-4	ROOM SCHEDULING PANEL; WALL MOUNTED
3-5	ROOM SCHEDULING PANEL; GLASS MOUNTED WITH DATA FED FROM ABOVE
3-6	BUTTON PANEL; WALL MOUNTED
<b>4-# AUDIO INPUT</b>	
4-1	ANTENNA FOR WIRELESS MICROPHONE
4-2	MICROPHONE; CEILING RECESSED BEAM FORMING
<b>5-# AUDIO OUTPUT</b>	
5-1	LOUDSPEAKER; CEILING RECESSED
5-2	SURFACE MOUNTED OUTDOOR SPEAKERS
5-3	ASSISTED LISTENING INDUCTION LOOP
5-4	LOUDSPEAKER - SURFACE MOUNTED
<b>6-# VIDEO ORIGIN/SOURCE</b>	
6-1	VTC CAMERA - POLYCOM EAGLE EYE IV
6-2	PTZ CAMERA; CEILING MOUNTED
<b>7-# VIDEO DISPLAY (TYPE 1)</b>	
7-43	43" FLAT PANEL DISPLAY; WALL MOUNTED
7-86	86" FLAT PANEL DISPLAY; WALL MOUNTED
<b>8-# VIDEO DISPLAY (TYPE 2)</b>	
8-1	MOTORIZED PROJECTOR LIFT
8-2	VIDEO PROJECTOR, 10K LASER
<b>9-# VIDEO DISPLAY (TYPE 3)</b>	
9-1	137" (72.5"H X 116"W IMAGE AREA) FRONT PROJECTION SCREEN, 16:10 RATIO, CEILING RECESSED

**TA - EQUIPMENT TAG LEGEND**

AV DEVICE TAG  
 REQUIRED DATA  
 REQUIRED AC (DUPLEX, QUADPLEX, TWIST LOCK)

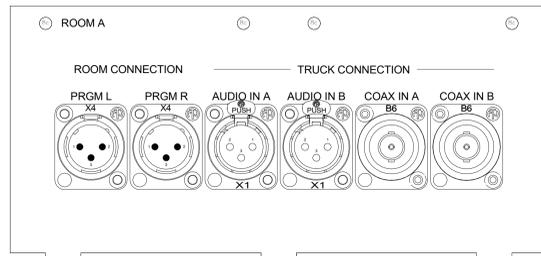
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**TA - ELECTRICAL SYMBOLS LEGEND**

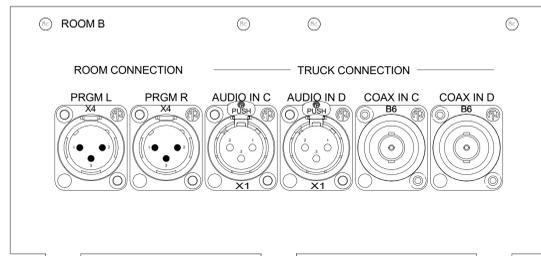
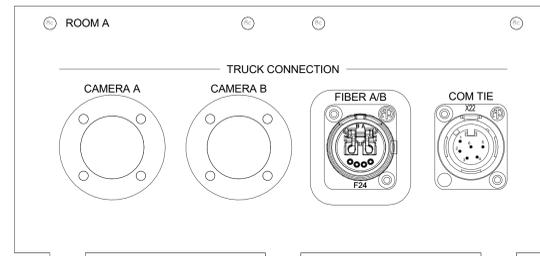
SYMBOL	DESCRIPTION
	MOTORIZED PROJECTION SCREEN, PROJECTOR LIFT OR SHADE WITH LOW-VOLTAGE INTERFACE; SUPPLIED WITH EQUIPMENT. MOUNT ABOVE FINISHED CEILING UNLESS OTHERWISE INDICATED. MAINTENANCE ACCESS TO BOX SHALL BE PROVIDED IN NON-ACCESSIBLE CEILINGS. PROVIDE UTILITY GRADE 120VAC UNLESS OTHERWISE INDICATED.
	5-20R EDISON TYPE POWER RECEPTACLE, DUPLEX 120VAC, 20AMP.
	5-20R EDISON TYPE POWER RECEPTACLE, QUADPLEX 120VAC, 20AMP.
	TELECOM VOICE/DATA OUTLET BOX. REFER TO TELECOM DRAWINGS FOR INSTALLATION DETAILS.
	CABLE TELEVISION CONNECTION - BY OTHERS

**AUDIOVISUAL SYMBOL LEGEND**  
SCALE: 1/2" = 1'-0"

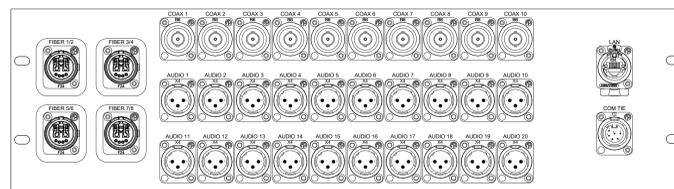
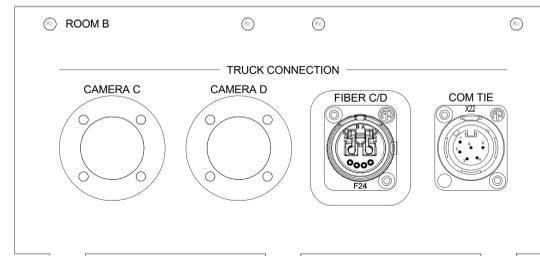
- NOTE:**  
**DEVICE MOUNTING COORDINATION WITH ARCHITECTURE MILLWORK**
- REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR COORDINATED AV INFRASTRUCTURE AND ELECTRICAL DEVICE LOCATIONS.
  - DISPLAYS ARE TO BE MOUNTED CENTERED ON THE CENTERLINE OF THE TABLE WHICH MAY NOT BE THE CENTERLINE OF THE MOUNTING WALL. STUD PLACEMENT TO BE COORDINATED WITH DISPLAY IN-WALL BOX MOUNTING TO KEEP IN-WALL BOX ALONG THE CENTERLINE OF THE DISPLAY.
  - WHERE THE DISPLAYS ARE MOUNTED BACK-TO-BACK ON A COMMON PARTITION, THE DISPLAY IN-WALL BOXES ARE TO BE OFFSET AROUND A CENTER STUD.
  - DISPLAY WIDTH AND HEIGHTS SHOWN ARE REPRESENTATIVE AND ARE TO BE CONFIRMED WITH THE FINAL CONTRACTOR PROVIDED CUT-SHEETS PRIOR TO ROUGHING AND DISPLAY RECESSES OR COORDINATING OTHER CRITICAL CLEARANCES. WHEN RECESSED, PROVIDE A 2" MINIMUM CLEARANCE AROUND TOP, BOTTOM AND SIDES OF DISPLAY.
  - ALL TOUCH PANEL BACKBOXES MOUNTED ON THE SAME WALL AS DISPLAYS ARE TO BE HELD 12" CLEAR BETWEEN THE EDGE OF THE DISPLAY AND THE CENTERLINE OF THE TOUCH PANEL BACKBOX.
  - ROOM SCHEDULING DISPLAY CABLING PENETRATIONS IN THE FLOOR/CEILING ARE TO BE COORDINATED WITH EITHER SOLID PARTITION CENTERLINES OR, WHEN MOUNTED ON GLASS, WITH THE CENTERLINE OF THE DOOR EXTRUSION TO ALLOW A NETWORK PATCH CABLE TO BE RUN WITHIN THE EXTRUSION.
  - ALL CONTROL AND SCHEDULING DEVICE HEIGHTS TO BE COORDINATED WITH ARCHITECTURAL ELEVATIONS AND MUST ALLOW THE TOP OF THE DEVICE TO BE UNDER 48" PER ADA.
  - ALL CEILING SPEAKERS AND CEILING MICROPHONES ARE TO BE MOUNTED SYMMETRICAL TO CENTERLINE OF TABLE WHICH MAY NOT BE CENTERLINE OF CEILING GRID.
  - TABLE HATCHES ARE SHOWN TO INDICATE NUMBER OF LOCATIONS IN TABLE WHICH REQUIRE AV ACCOMMODATIONS. TABLE HATCH LOCATIONS AND PLATE REQUIREMENTS TO BE COORDINATED WITH THE FURNITURE PACKAGE.
  - FLOOR BOXES SERVING TABLES ARE TO BE ALIGNED TO THE INTERIOR SIDE OF A TABLE LEG ACCOMMODATING VERTICAL POWER AND SIGNAL CABLE ROUTING.



**1** DETAIL - TRUCK PLATE - LARGE CONFERENCE ROOM SIDE A  
SCALE: 12" = 1'-0"



**2** DETAIL - TRUCK PLATE - LARGE CONFERENCE ROOM SIDE B  
SCALE: 12" = 1'-0"



**3** DETAIL - PLATE - TRUCK BOX  
SCALE: 6" = 1'-0"

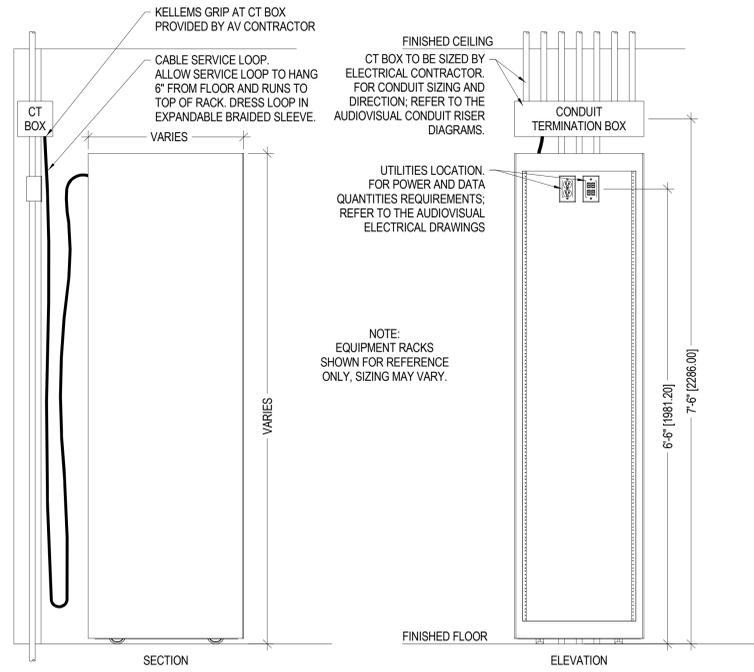


**4** DETAIL - PLATE - BROADCAST RACK PLATE  
SCALE: 6" = 1'-0"

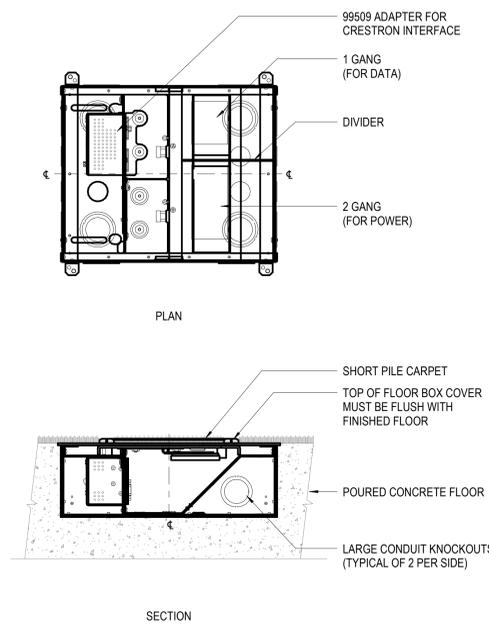


**5** DETAIL - PLATE - INTERPRETER RACK (PORTABLE)  
SCALE: 6" = 1'-0"

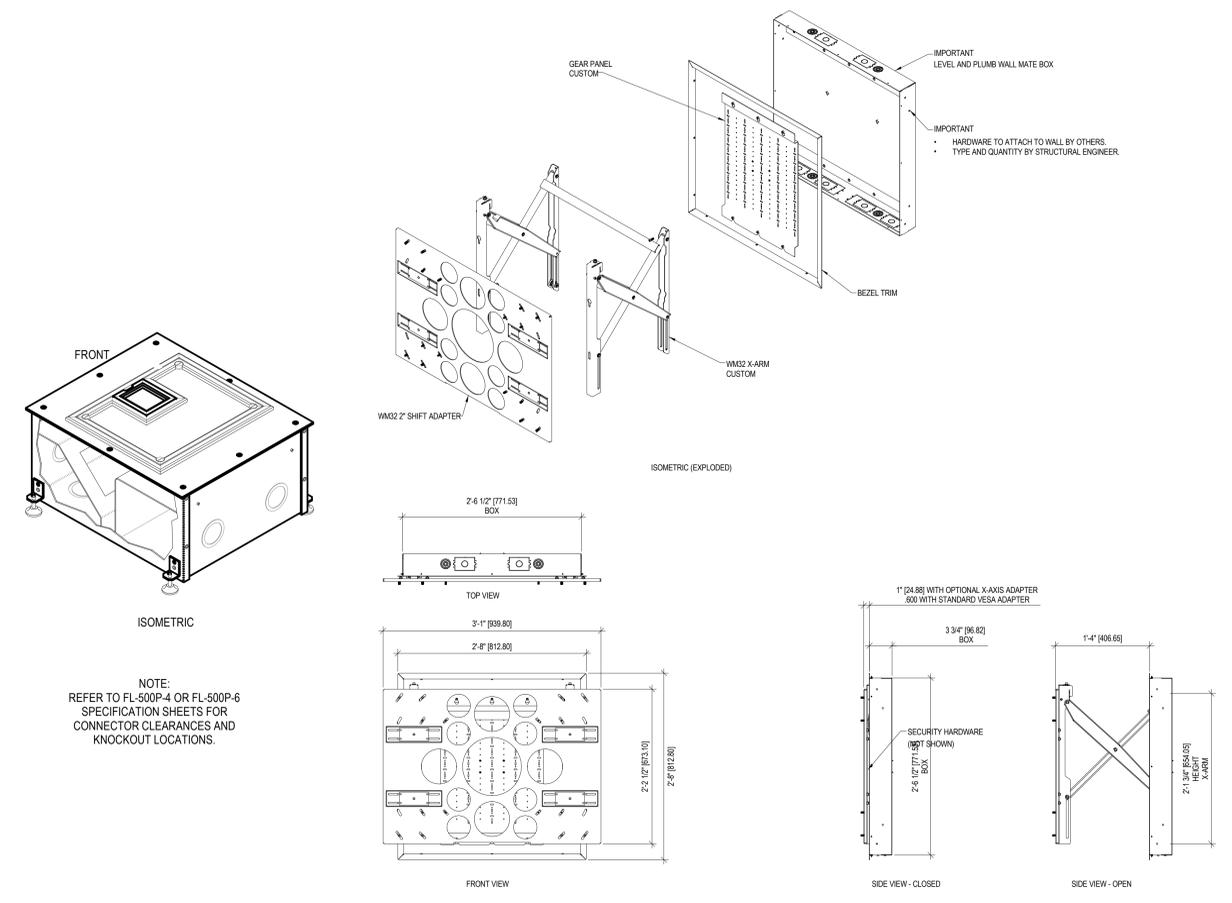
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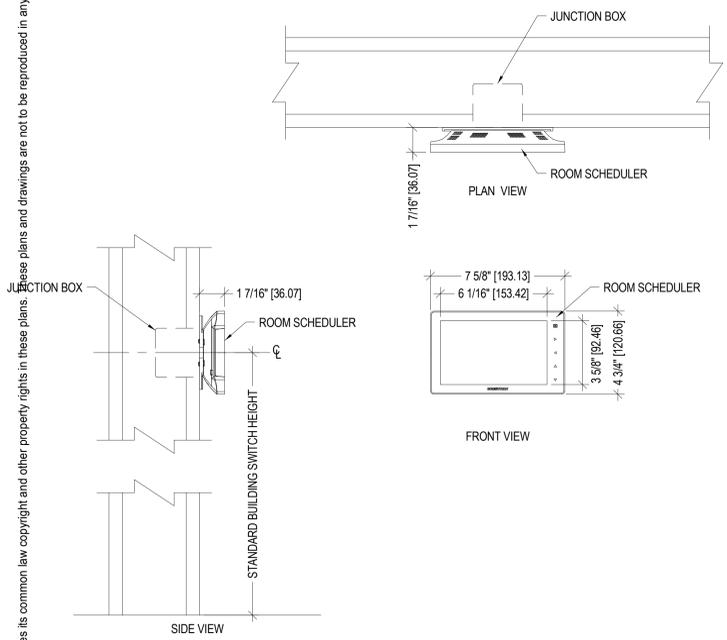
**1** DETAIL - (1-1) FULL HEIGHT EQUIPMENT RACK  
SCALE: 1" = 1'-0"



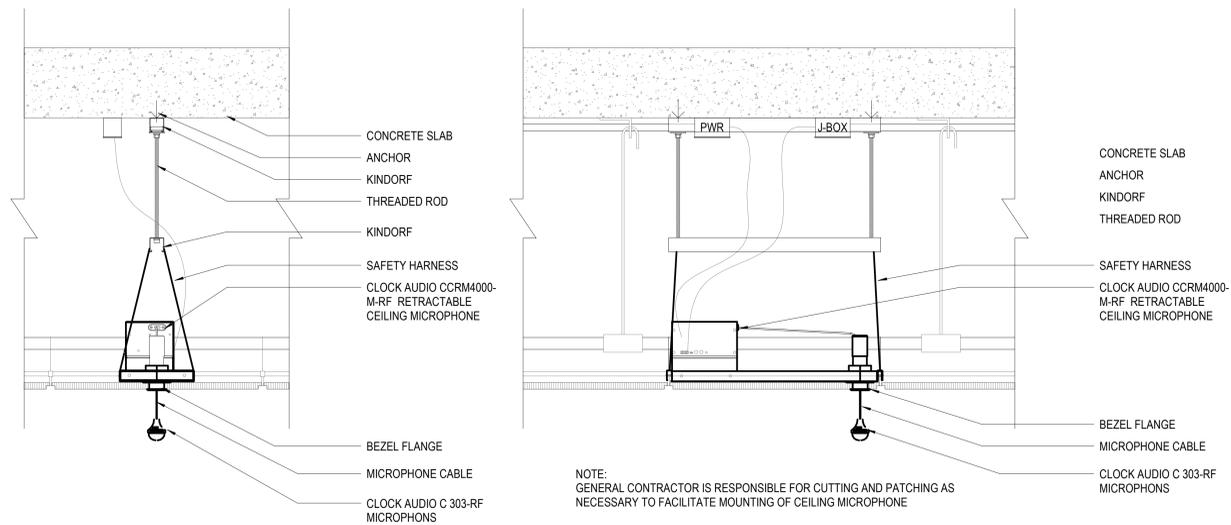
**2** DETAIL - (2-2) FLOOR BOX  
SCALE: 3" = 1'-0"



**3** DETAIL - (2-12) IN-WALL BOX (32 MAX SHOWN)  
SCALE: 1" = 1'-0"

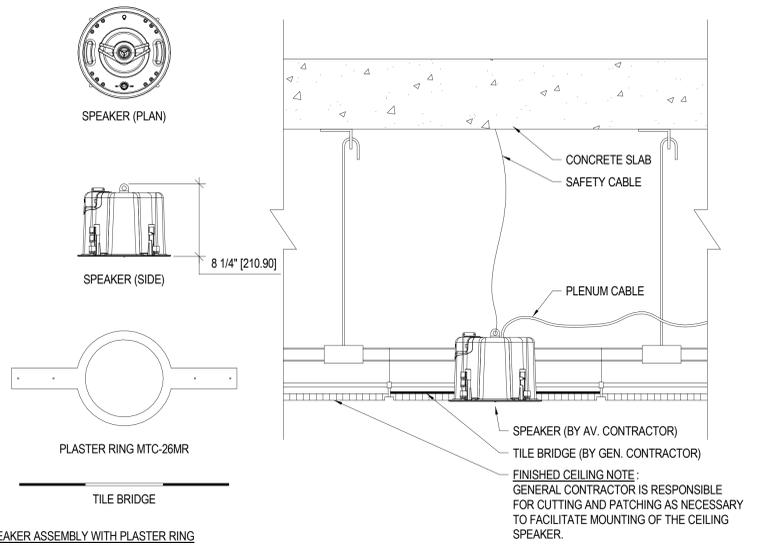


**4** DETAIL - (3-4) ROOM SCHEDULER  
SCALE: 3" = 1'-0"



**5** DETAIL - (4-2) RETRACTABLE CEILING MICROPHONE  
SCALE: 1 1/2" = 1'-0"

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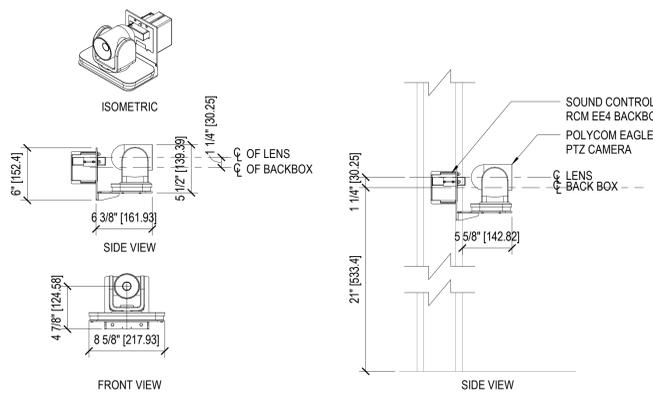
**SPEAKER ASSEMBLY WITH PLASTER RING**

AN OPTIONAL PLASTER RING CAN BE USED IF A CONVENTIONAL CEILING TILE IS NOT BEING USED. THE WINGS ON THE PLASTER RING ARE ATTACHED TO THE BUILDING STRUCTURE VIA THE HOLES PROVIDED. THE PLASTER IS APPLIED OVER THE BRACKET.

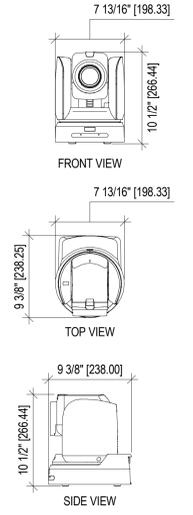
IMPORTANT: CONNECT A SAFETY CABLE TO THE REAR OF THE SPEAKER CAN.

NOTE: THE INSTALLATION OF THIS PRODUCT MUST BE CARRIED OUT IN CONFORMITY WITH LOCAL BUILDING CODES AND STANDARDS. IF NECESSARY CONSULT YOUR LOCAL SAFETY STANDARDS OFFICER BEFORE INSTALLING ANY PRODUCT. ALTERNATIVELY, CHECK ANY LAWS OR BYLAWS. MANUFACTURER WILL NOT BE HELD RESPONSIBLE FOR ANY DAMAGES CAUSED BY THE IMPROPER INSTALLATION OF LOUDSPEAKER.

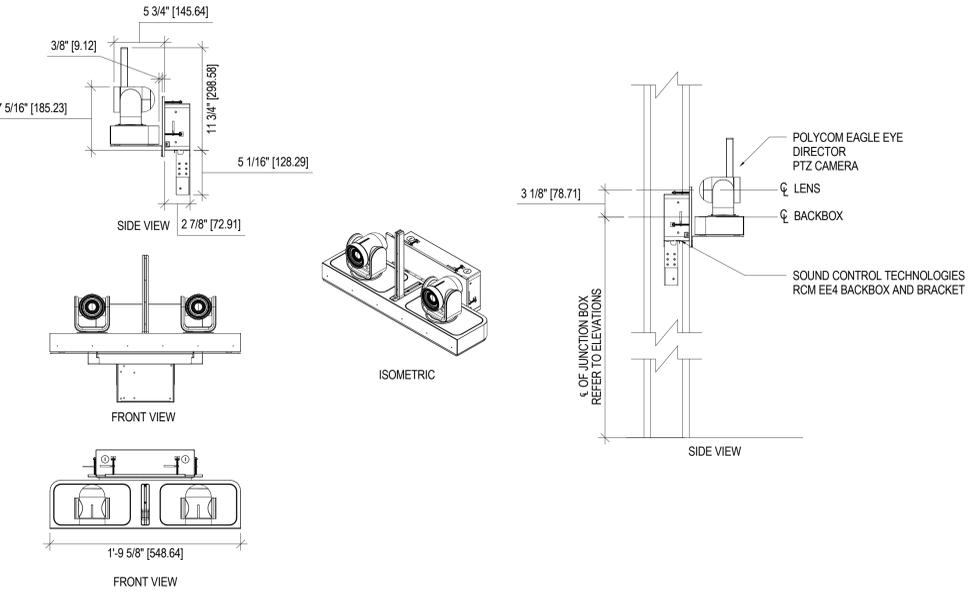
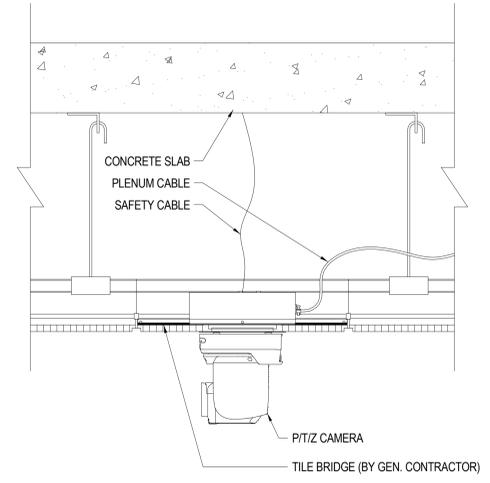
**1** **DETAIL - (5-1) CEILING MOUNTED LOUDSPEAKER**  
 SCALE: 1 1/2" = 1'-0"



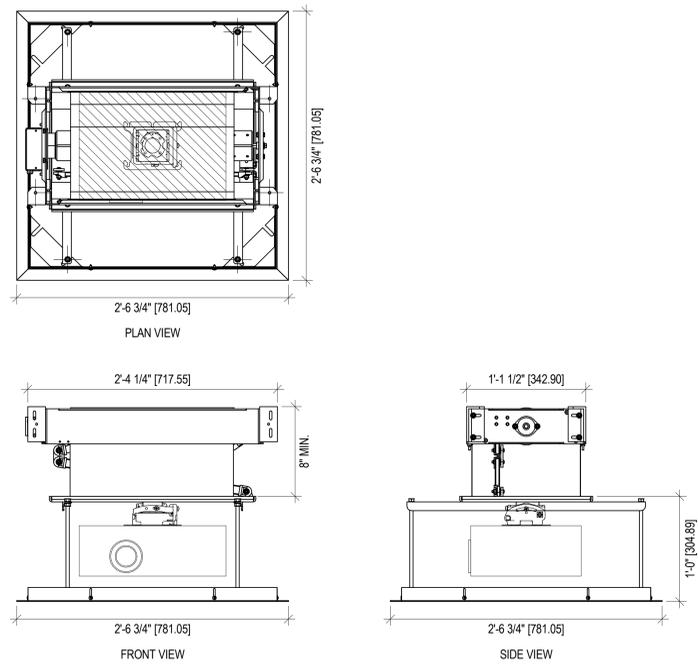
**2** **DETAIL - (6-1) WALL MOUNTED PTZ CAMERA**  
 SCALE: 1 1/2" = 1'-0"



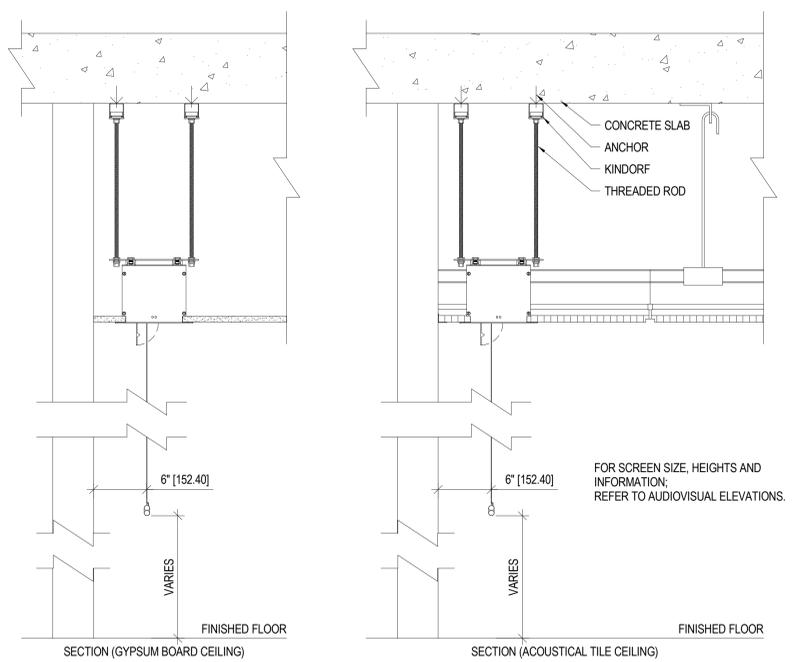
**3** **DETAIL - (6-2) CEILING MOUNTED PTZ CAMERA**  
 SCALE: 1 1/2" = 1'-0"



**4** **DETAIL - (6-3) VIDEO CONFERENCING CAMERA**  
 SCALE: 1 1/2" = 1'-0"



**5** **DETAIL - (8-1) PROJECTOR LIFT**  
 SCALE: 1 1/2" = 1'-0"

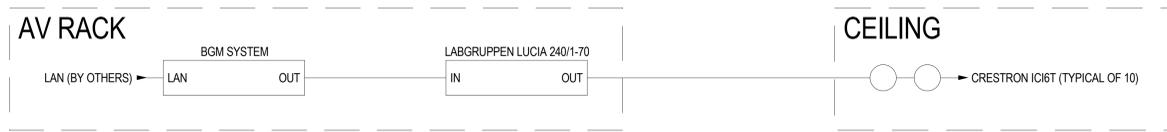


**6** **DETAIL - (9-1) PROJECTION SCREEN - CEILING MOUNTED**  
 SCALE: 1 1/2" = 1'-0"

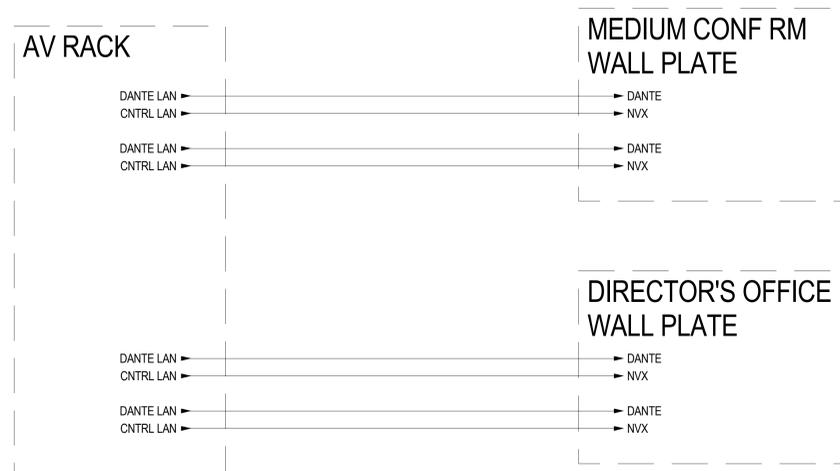
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 CONSULTANT \_\_\_\_\_

**ISSUE DATES**  
 03/20/19 10% SCHEMATIC DESIGN  
 03/25/19 PLANNING BOARD  
 07/29/19 75% DESIGN DEVELOPMENT  
 08/30/19 100% DESIGN DEVELOPMENT  
 12/13/19 50% CONSTRUCTION DOCUMENTS  
 03/03/20 CD PROGRESS SET  
 05/01/20 ISSUED FOR CONSTRUCTION  
 07/01/20 GMP SET  
 08/21/21 BP SET

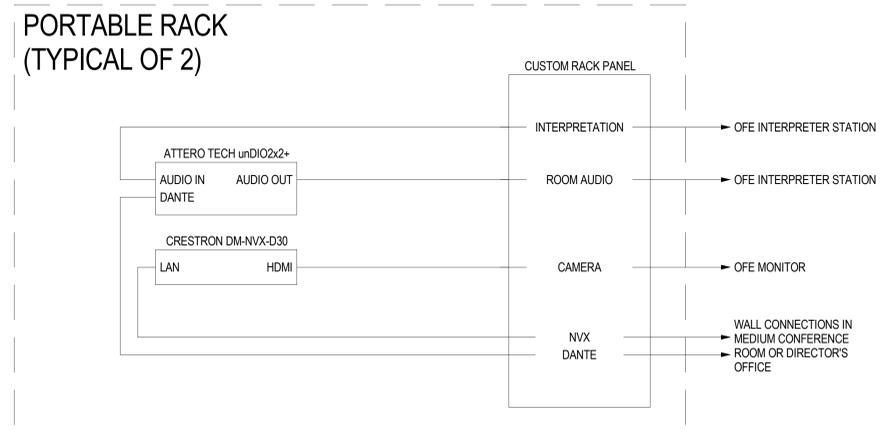
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**1** AV SYSTEM FLOW DIAGRAM - MAIN LOBBY  
SCALE: 12" = 1'-0"

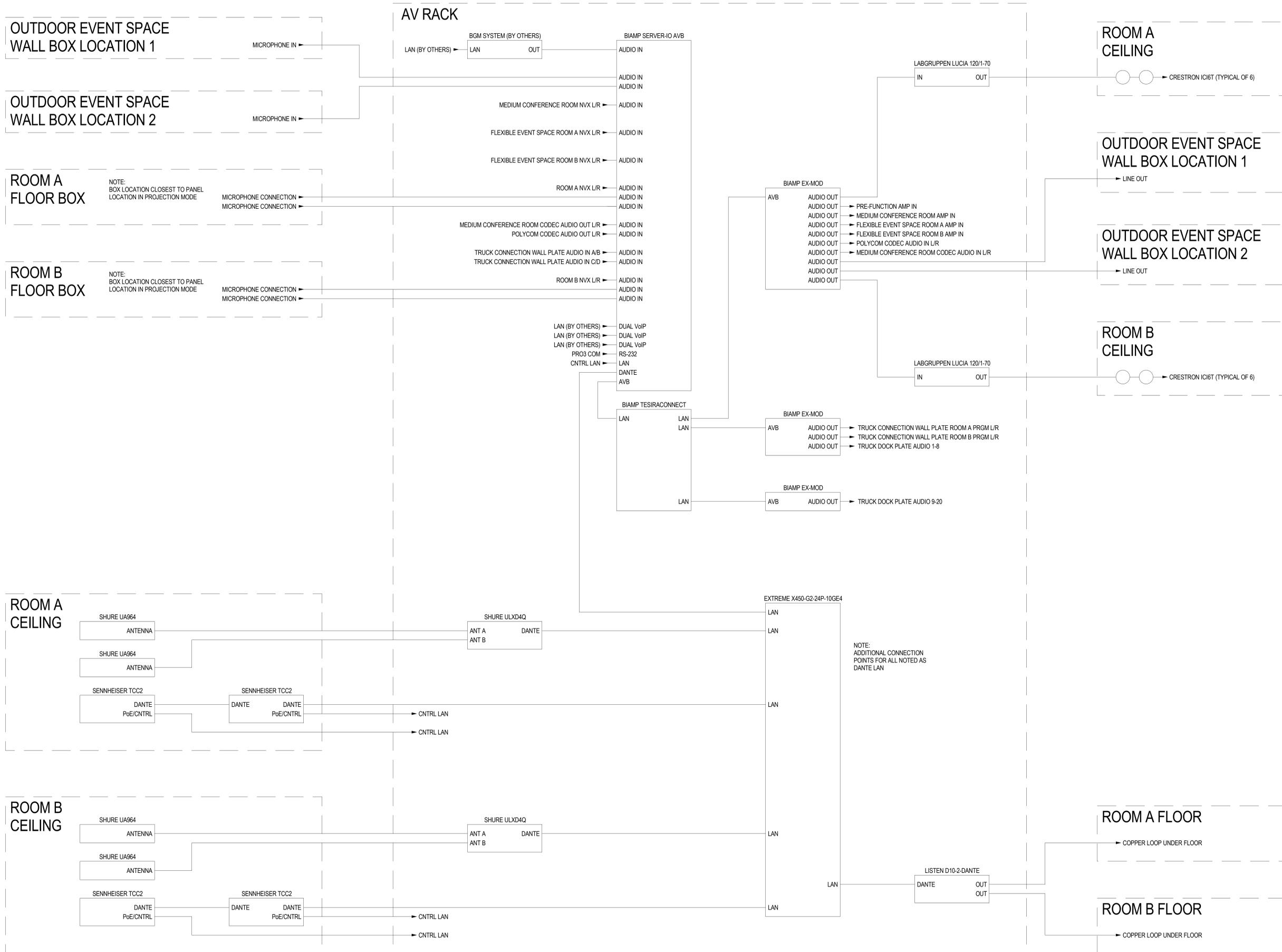


NOTE:  
INTERPRETER SOURCE CAN  
BE EITHER SIDE OF THE  
LARGE CONFERENCE ROOM  
OR THE FLEXIBLE EVENT  
SPACE



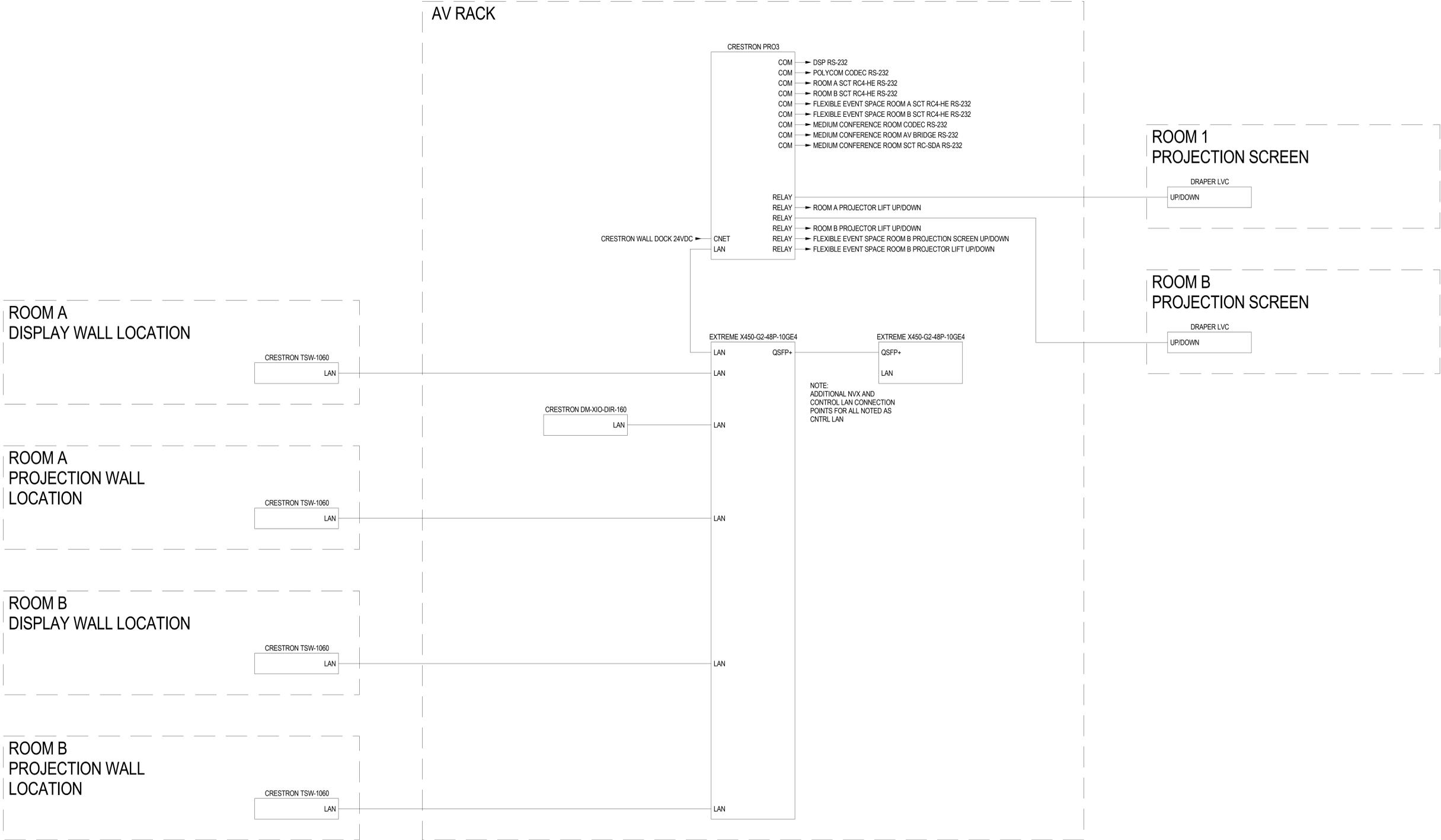
**2** AV SYSTEM FLOW DIAGRAM - INTERPRETER CONNECTIONS  
SCALE: 12" = 1'-0"

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**1** AV SYSTEM FLOW DIAGRAM - LARGE CONFERENCE ROOM (AUDIO)  
SCALE: 12" = 1'-0"

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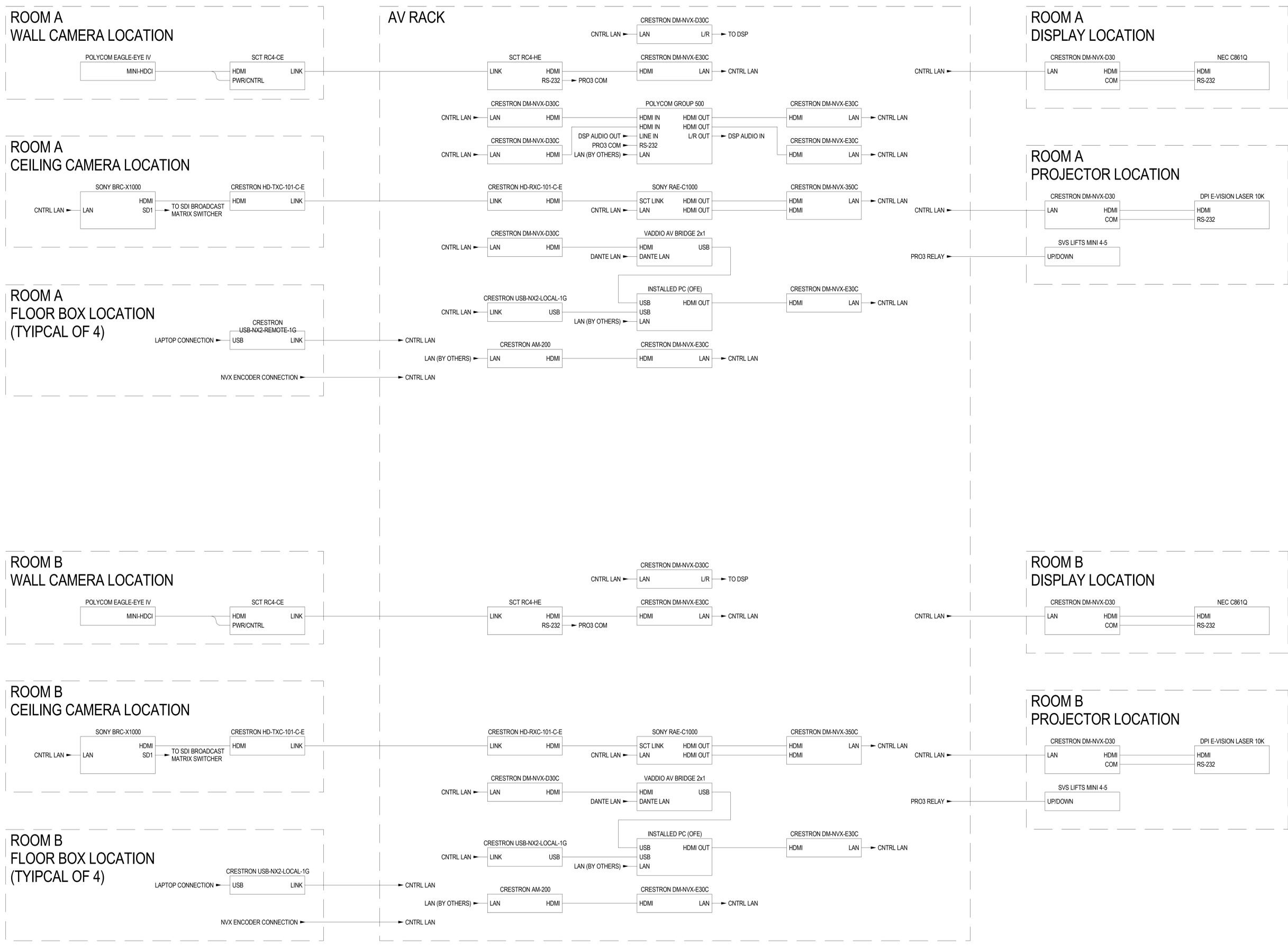
1 AV SYSTEM FLOW DIAGRAM - LARGE CONFERENCE ROOM (CONTROL)  
SCALE: 12" = 1'-0"

CONTRACTOR

CONSULTANT

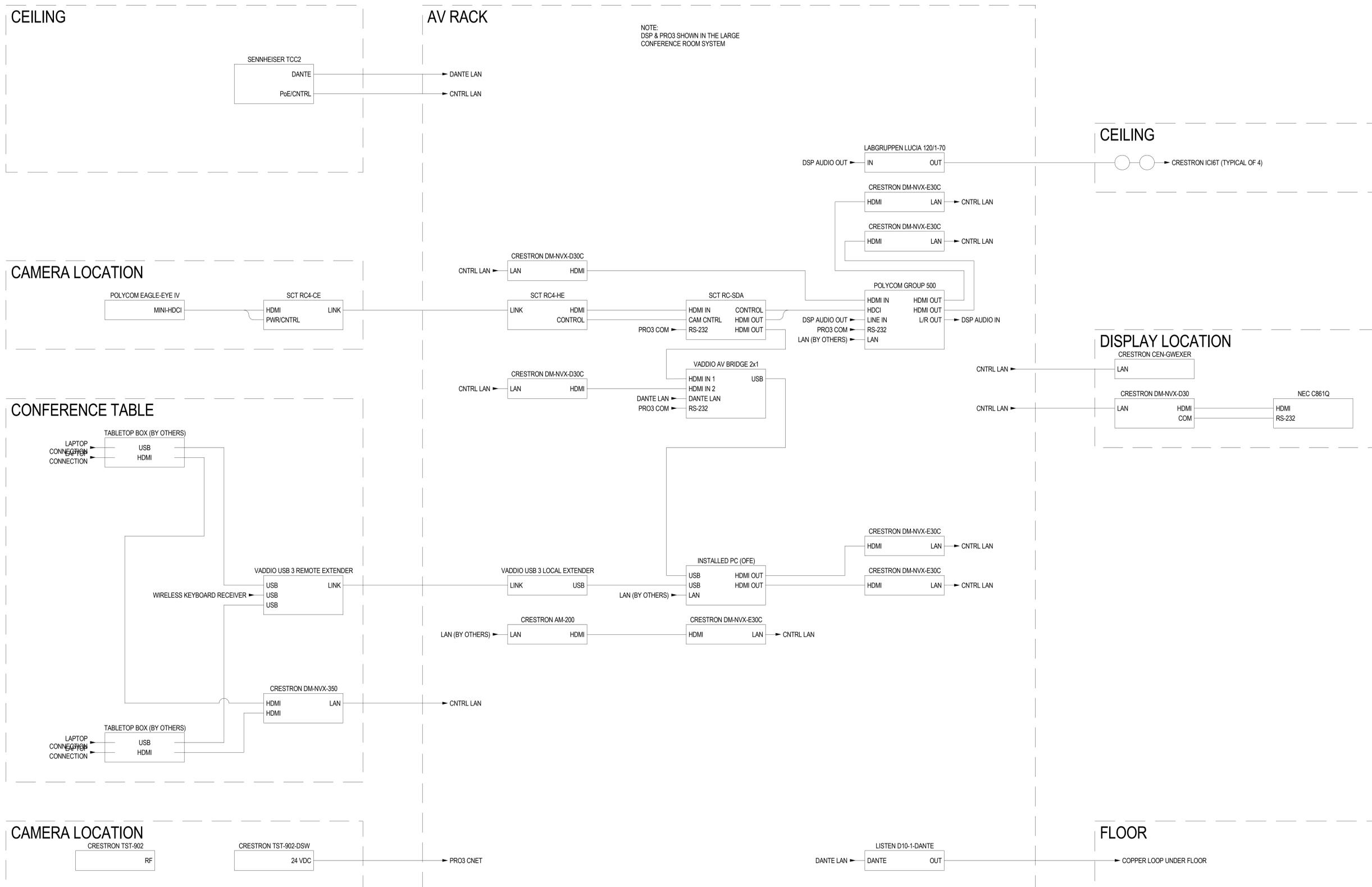
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07/26/19 75% DESIGN DEVELOPMENT  
08/20/19 100% DESIGN DEVELOPMENT  
12/10/19 50% CONSTRUCTION DOCUMENTS  
03/03/20 CD PROGRESS SET  
05/01/20 ISSUED FOR CONSTRUCTION  
07/01/20 GMP SET  
08/21/20 BID SET

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**1** AV SYSTEM FLOW DIAGRAM - LARGE CONFERENCE ROOM (VIDEO)  
SCALE: 12" = 1'-0"

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1 AV SYSTEM FLOW DIAGRAM - MEDIUM CONFERENCE ROOM  
SCALE: 12" = 1'-0"

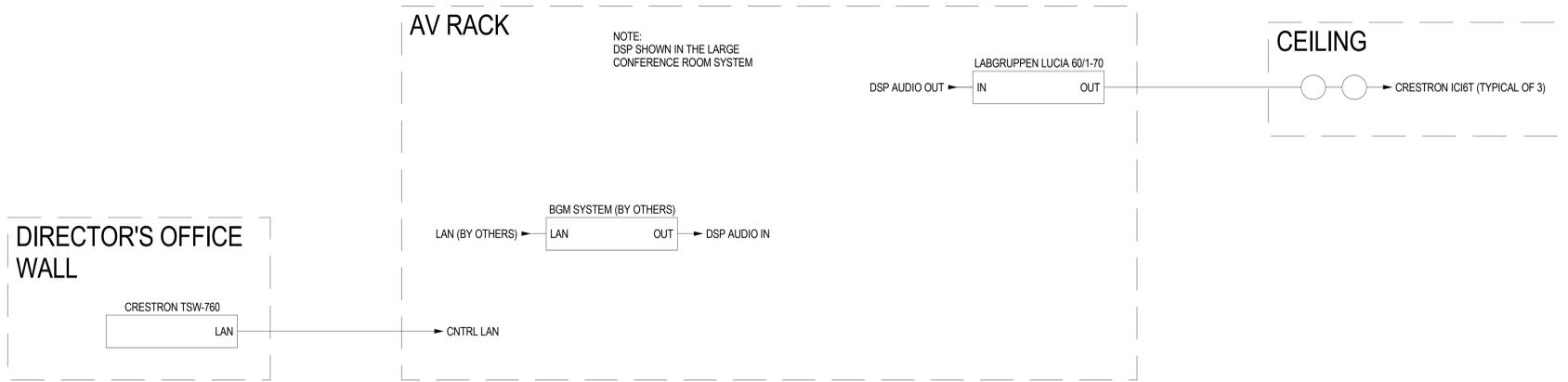
CONTRACTOR

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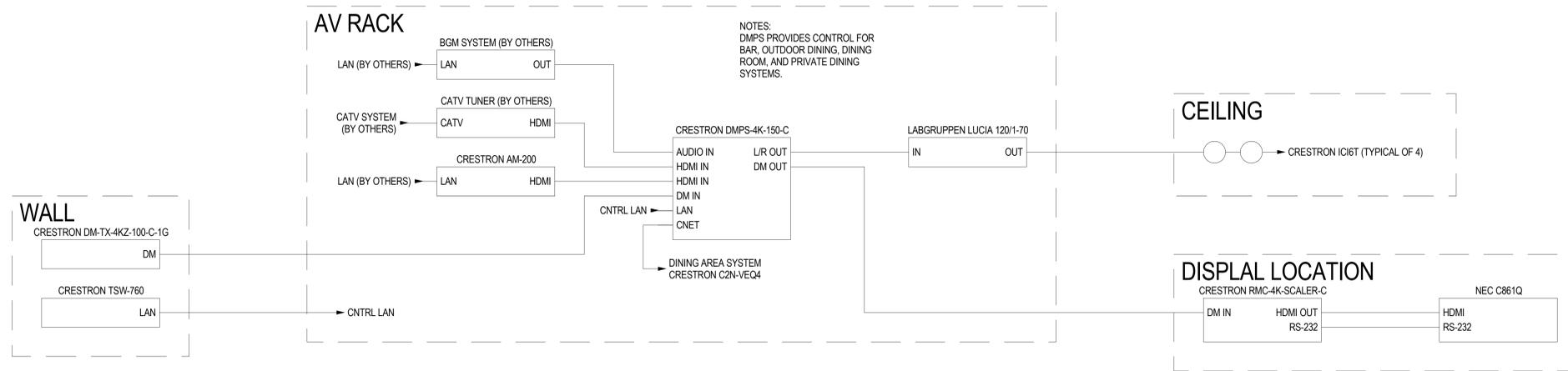
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12/10/19 50% CONSTRUCTION DOCUMENTS  
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05/01/20 ISSUED FOR CONSTRUCTION  
07/01/20 GMP SET  
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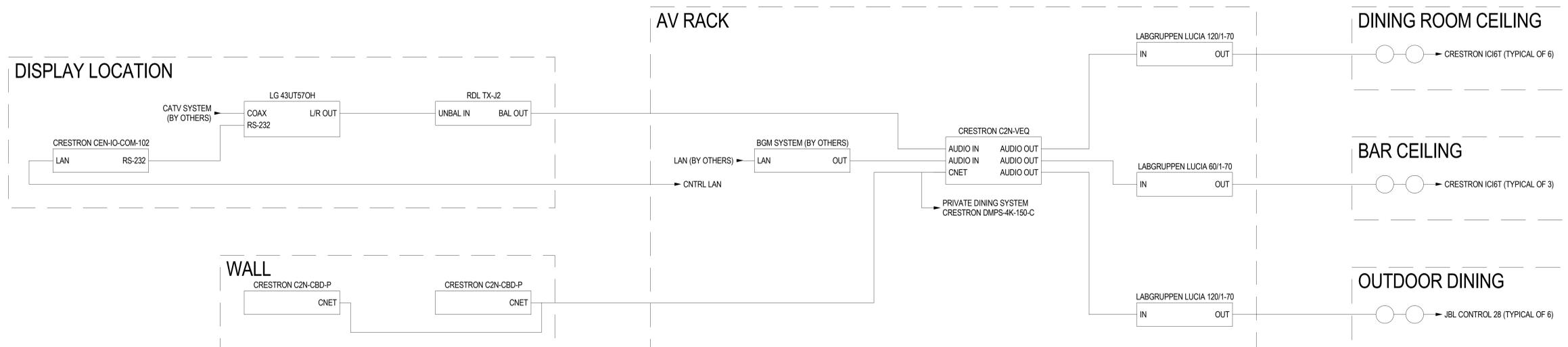
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**1** AV SYSTEM FLOW DIAGRAM - PRE-FUNCTION  
SCALE: 12" = 1'-0"



**2** AV SYSTEM FLOW DIAGRAM - PRIVATE DINING  
SCALE: 12" = 1'-0"



**3** AV SYSTEM FLOW DIAGRAM - DINING AND BAR  
SCALE: 12" = 1'-0"

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1 AV SYSTEM FLOW DIAGRAM - FITNESS CENTER  
SCALE: 12" = 1'-0"

CONTRACTOR \_\_\_\_\_

CONSULTANT \_\_\_\_\_

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 07/29/19 75% DESIGN DEVELOPMENT  
 08/20/19 100% DESIGN DEVELOPMENT  
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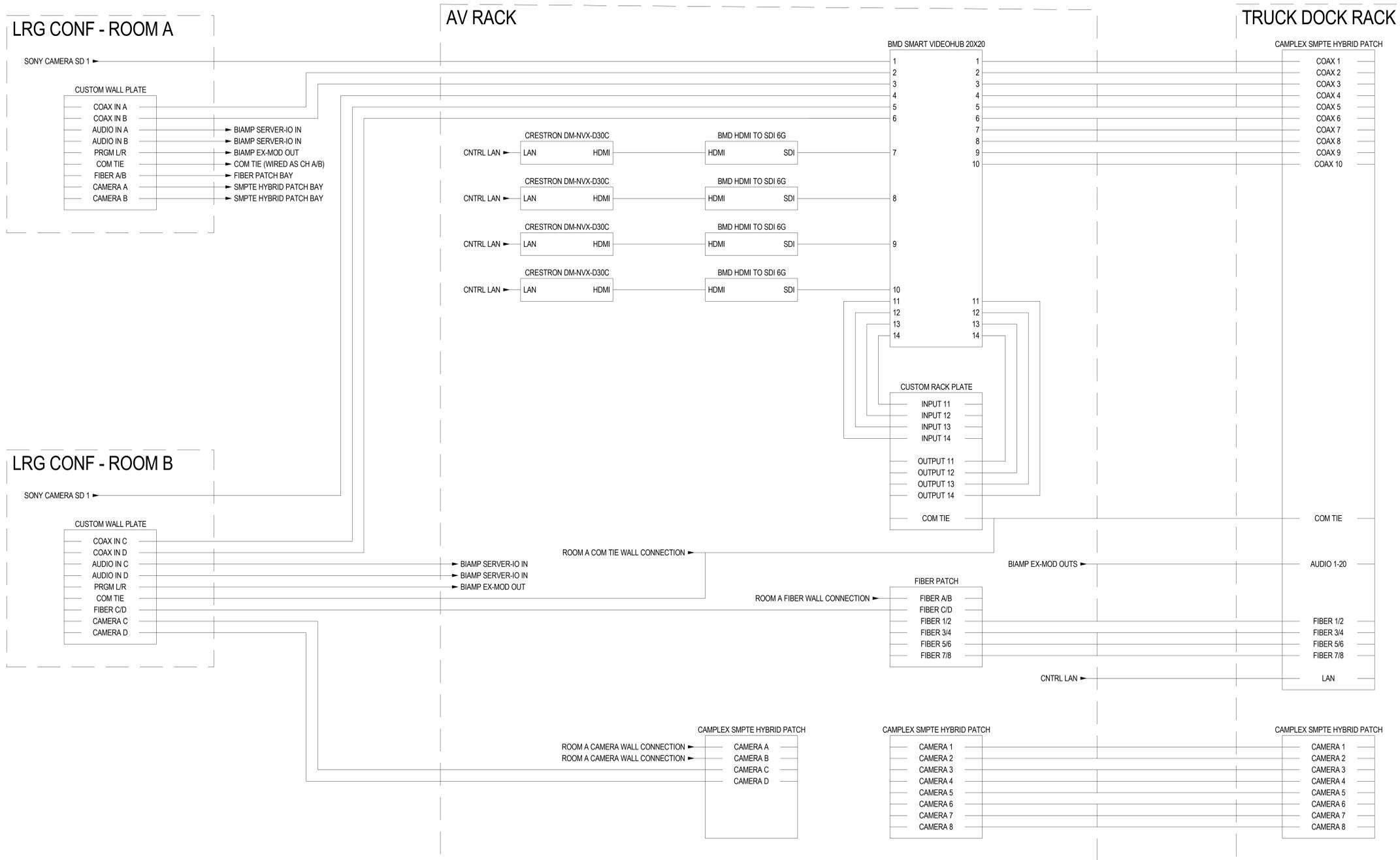
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 350 West 28th St, Suite 1852, New York, NY 10001

AUDIOVISUAL  
 SYSTEM  
 FLOW  
 DIAGRAMS  
 SCALE: 12" = 1'-0"

TA-808

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**1** AV SYSTEM FLOW DIAGRAM - BROADCAST TRUCK CONNECTION  
SCALE: 12" = 1'-0"