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TA1.2	AUDIOVISUAL PLAN - UNIT B
TA1.3	AUDIOVISUAL PLAN - UNIT C
TA1.4	AUDIOVISUAL PLAN - UNIT B - DIVISIBLE ROOM
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TA2.2	AUDIOVISUAL RCP - UNIT B
TA2.3	AUDIOVISUAL RCP - UNIT C
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TA5.2	AUDIOVISUAL MOUNTING DETAILS
TA5.3	AUDIOVISUAL MOUNTING DETAILS
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TA7.12	AUDIOVISUAL LOGICAL DIAGRAMS
TA7.13	AUDIOVISUAL LOGICAL DIAGRAMS

A		Е		J	
AC ACP ADA AFF	ABOVE CEILING ACCESS CONTROL PANEL AMERICANS WITH DISABILITIES ACT ABOVE FINISHED FLOOR	EF EMI EMT ESS	ENTRANCE FACILITY ELECTROMAGNETIC INTERFACE ELECTRICAL MAGNETIC TUBING ELECTRONIC SECURITY & SAFTEY	JB K	JUNCTI
AIA ANSI AP	AMERICAN INSTITUTE OF ARCHITECTS AMERICAN NATIONAL STANDARDS INSTITUTE ACCESS POINT	F		kHz KWH	KILOHE KILOWA
^{awg}	AMERICAN WIRE GAUGE	FAX FCC FREQ	FACSIMILE FEDERAL COMMUNICATIONS COMMISSION FREQUENCY	L	
BAS BDA	BUILDING AUTOMATION SYSTEM BI-DIRECTIONAL ANTENNA	G		LAN IBF LED	LOCAL A POUNDS LIGHT-E
BEF BICSI BMS	BUILDING ENTRANCE FACILITY BUILDING INDUSTRY CONSULTING SERVICE INTERNATIONAL BUILDING MANAGEMENT SYSTEM	GA GC GHz	GAUGE GENERAL CONTRACTOR GIGAHERTZ	Μ	
BTS BTU	BASE TRANSCEIVER STATION BRITISH THERMAL UNIT		GROUND	MBA MC MDF	MULTI-B. MAIN CR MAIN DIS
CA CAT CATV CB CCTV CFE CN	CABLE CATEGORY COMMUNITY ANTENNA TELEVISION (CABLE TELEVISION) CONDUIT BANK CLOSED CIRCUIT TELEVISION CUSTOMER FURNISHED EQUIPMENT INDIVIDUAL CONDUIT	HC HF HH HVAC Hz	HORIZONTAL CROSS-CONNECT HIGH FREQUENCY HANDHOLE HEATING, VENTILATION, AND AIR-CONDITIONING HERTZ	MH MM MTR MUTO MUX N	MANHOL MULTI M MODULA MAIN TE MULTI U MULTIPL
codec CPU CT	CODER/DECODER CENTRAL PROCESSING UNIT CABLE TRAY	IC IDF IDS IEEE IPS	INTERMEDIATE CROSS-CONNECT INTERMEDIATE DISTRIBUTION FRAME INTRUSION DETECTION SYSTEM INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS INFANT PROTECTION SYSTEM	NEC NESC NEXT NI NIC	NATIONA NATIONA NEAR EN NETWOR NOT IN C
D-A or D/A DAS dB DB DC DC DEMARC DL DSL	DIGITAL TO ANALOG CONVERSION DISTRIBUTED ANTENNA SYSTEM DECIBEL DUCT BANK DIRECT CURRENT DOOR CONTACT DEMARCATION POINT DUCT LINER (INNER DUCT) DIGITAL SUBSCRIBER LINE	IR ISC ISDN ISO ITU ITU-T	INFRARED INTELLIGENT SYSTEM CONTROLLER INTEGRATED SERVICES DIGITAL NETWORK INTERNATIONAL STANDARDS ORGANIZATION INTERNATIONAL TELECOMMUNICATIONS UNION INTERNATIONAL TELECOMMUNICATIONS UNION - TELECOMMUNICATIONS	NTS	NOT TO

- 1 AUDIOVISUAL EQUIPMENT INCLUDING FLAT PANEL DISPLAYS, PROJECTORS, ETC. ARE NOT IN CONTRACT (N.I.C.) AND WILL BE BID AT A LATER TIME, EXCEPT FLAT PANEL DISPLAYS LISTED UNDER SPECIFICATION SECTION 012100 ALLOWANCES.
- 3 VERIFY DEVICE LOCATIONS IN THE FIELD WITH DUE REGARD TO AS-BUILT CONDITIONS BEFORE INSTALLATION. COORDINATE WORK WITH FIELD CONDITIONS AND OTHER TRADES IN ORDER TO MEET DESIGN INTENT.
- 4 DEBURR ALL CONDUIT AND PROVIDE BUSHINGS AND 200LB PULLSTRING PRIOR TO INSTALLING CABLE.
- 5 CONDUIT BENDS SHALL BE SWEEPS TO MAINTAIN PROPER CABLE BEND RADIUS.
- 6 CONDUIT STUB-OUTS SHALL BE EXTENDED TO NEAREST ACCESSIBLE CEILING SPACE WITHIN ROOM IN WHICH THE DEVICE RESIDES, UNLESS OTHERWISE NOTED.
- 7 PROVIDE PULL BOXES AND JUNCTION BOXES IN ACCORDANCE WITH SPECIFIED STANDARDS AND LOCAL CODES. AT A MINIMUM, PROVIDE ONE (1) PULL BOX FOR EVERY 100 FEET OF STRAIGHT CONDUIT RUN, AND ONE (1) PULL BOX AFTER TWO (2) 90-DEGREE BENDS.
- 8 COORDINATE EXACT ROUTING OF CONDUIT AND PATHWAYS BASED ON FIELD CONDITIONS. WHERE GENERAL DESIGN INTENT CAN NOT BE ACHIEVED, OBTAIN FORMAL APPROVAL OF ROUTING CHANGES FROM OWNER'S REPRESENTATIVE.
- 9 CABLES SHALL BE SUPPORTED FROM THE BUILDING STRUCTURE BY APPROVED J-HOOKS OR SLINGS WHEN NOT IN CONDUIT OR COMMON LOW VOLTAGE CABLE TRAY. CABLES TRANSITIONING TO AND FROM CABLE TRAY, CONDUIT, SLEEVES, J-HOOKS OR OTHER SUPPORT MECHANISM SHALL BE SUPPORTED WHEN THE TRANSITION SPANS MORE THAN 3 FEET.
- 10 PROVIDE PLENUM RATED CABLE WHEN INSTALLED IN PLENUM SPACE.
- 11 PROVIDE BLANK PLATES FOR ALL UNUSED BOXES.
- 12 ALL CABLING PASSING THROUGH WALL STRUCTURE SHALL BE SUPPORTED WITH CONDUIT, SLEEVE, FIRESTOP ASSEMBLY, ETC, AS REQUIRED THROUGH THE WALL STRUCTURE. PATHWAY SIZING SHALL ADHERE TO THE REFERENCED STANDARDS AND FILL RATIO REQUIREMENTS. PROVIDE CONDUIT, SLEEVES, FIRESTOP ASSEMBLIES, ETC, FOR ALL CABLE PENETRATING WALLS IN ACCORDANCE WITH THE REFERENCED STANDARDS IN THE SPECI
- 13 SUBMIT DEVICE, FACEPLATE AND JACK COLOR SAMPLES TO OWNER'S REPRESENTATIVE PRIOR TO ORDER.
- 14 REFER TO LIFE SAFETY DRAWINGS FOR FIRE & SMOKE WALL LOCATIONS. CONDUIT PENETRATIONS SHALL BE PROPERLY FIRESTOPPED PER CODE. CABLE TRAY SHALL NOT PENETRATE FIRE & SMOKE WALLS. LISTED FIRESTOP ASSEMBLIES SHALL BE USED TO PENETRATE FIRE & SMOKE WALLS FOR CABLE TRAY PATHWAYS.
- 15 REFER TO SYMBOL LEGEND, SCHEDULES AND DETAILS FOR ALL BOX AND CONDUIT REQUIREMENTS.
- 16 REFER TO ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR SHARED TECHNOLOGY AND ELECTRICAL FLOOR BOXES AND POKETHRUS.

	AUDIOVISUAL DISPLAY SCHEDULE, 'XX' INDICATES TYPE				AUDIOVISUAL WALL OUTLET (AWO) TYPE SCHEDULE, 'X' INDIO	CATES TYPE	
	DEVICE TYPE DESCRIPTION		DEVICE TYPE	DEVICE BOX	DEVICE CONDUIT	MOUI	
DS-XX	DS-48 48" FLAT PANEL DISPLAY		AV1	1-GANG AV PASSTHRU PLATE	(1) 1 1/4" CONDUIT STUBBED TO ABOVE ACCESSIBLE CEILING	60" AFF	
	DS-55 55" FLAT PANEL DISPLAY		AV2	2-GANG AV PASSTHRU PLATE	(1) 1 1/4" CONDUIT STUBBED TO ABOVE ACCESSIBLE CEILING	REFER T	
	DS-86 86" FLAT PANEL DISPLAY		C1	2-GANG CAMERA BOX	(1) 1 1/4" CONDUIT STUBBED TO ABOVE ACCESSIBLE CEILING	84" AFF l	
	DS-98 98" FLAT PANEL DISPLAY	XX	CP1	CONTROL PANEL BACKBOX W/ WALL MOUNT	(1) 1 1/4 CONDUIT STUBBED TO ABOVE ACCESSIBLE CEILING	STANDA HEIGHT	
RK-X	AUDIOVISUAL EQUIPMENT RACK SCHEDULE, 'X' INDICATES TYPE		DB1	2-GANG AV PASSTHRU PLATE	(1) 1 1/4" CONDUIT STUBBED TO ABOVE ACCESSIBLE CEILING	60" AFF l	
RK-X	DEVICE TYPE DESCRIPTION		DP1	1-GANG TOUCHPANEL DATA PLATE	(1) 1 1/4" CONDUIT STUBBED TO CEILING	COUNTE	
	RK-4 4 RACK UNIT IN-WALL RACK BOX		11	1-GANG INPUT PLATE, 3 1/2" DEEP BACK BOX	(1) 1 1/4" CONDUIT STUBBED TO CEILING	18" AFF l	
	RK-45 45 RACK UNIT AV EQUIPMENT		R2	CUSTOM IN-WALL RACK BOX	(2) 1 1/4" CONDUITS STUBBED TO ABOVE ACCESSIBLE CEILING	40" AFF	
			SC1	(1) 1-GANG, FLUSH MOUNTED, 2 1/2" DEEP BACK BOX	(1) 1 1/4" CONDUIT STUBBED TO ABOVE ACCESSIBLE CEILING	48" AFF	
	AUDIOVISUAL SPEAKER SCHEDULE, 'X' INDICATES TYPE		WP1	(1) 2-GANG, FLUSH MOUNTED, 3 1/2" DEEP BACK BOX	(1) 1 1/4" CONDUIT STUBBED TO ABOVE ACCESSIBLE CEILING	OUTLET	
SX)	DEVICE TYPE DESCRIPTION FUNCTION S1 RECESSED CEILING SPEAKER OVERHEAD AUDIO REINFORCEMENT		AUDIOVISUAL FLOOR OUTLET (AFO) TYPE SCHEDULE, 'X' INDICATES				
	S2 SPEAKER MOUNTED TO STEEL TRUSS. PROVIDE MULTIPURPOSE ROOM REINFORCEMENT	\bigotimes	DEVICE TYPE	DEVICE BOX	DEVICE CONDUIT	MOUI	
	2-GANG BOX WITH (1) 1-1/4" CONDUIT DAISY-CHAINED AS SHOWN IN DRAWINGS AND HOME RUN TO AV RACK IN A118. REFERENCE DETAIL 4/TA5.8.			POKETHRU, REFER TO ELECTRICAL DRAWINGS AND SPECIFI FOR BOX INFORMATION	CATIONS (1) 1 1/4" CONDUITS STUBBED FROM BOTTOM HOUSING ASSEMBLY TO TY BACKBOX WITHIN ROOM FOR AUDIOVISUAL CABLING. REFER TO ELECTR AND TELECOM DRAWINGS FOR ADDITIONAL PATHWAY REQUIREMENTS		
	AUDIOVISUAL CEILING OUTLET (ACO) TYPE SCHEDULE, 'XX' INDICATES TYPE	A	AUDIOVISUAL WALL SPEAKER SCH		AUDIOVISUAL WALL SPEAKER SCHEDULE, 'X' INDICATES	EDULE, 'X' INDICATES TYPE	
\otimes	DEVICE TYPE DESCRIPTION FUNCTION	< X	DEVICE TYPE	DEVICE BOX	DEVICE CONDUIT	MOUI	
0	MIC1 RECESSED CEILING MIC SPEECH REINFORCEMENT PS1 CEILING MOUNTED PARTITION SENSOR PARTITION CONTROL		S3	4-GANG SPEAKER BOX	(1) 1 1/4" CONDUIT STUBBED TO ABOVE ACCESSIBLE CEILING DAISY-CHA AS SHOWN IN DRAWINGS AND HOME RUN TO A-115	INED 120" AFF	
PRJX	PRJ-1 CEILING MOUNTED PROJECTOR WITH SHORT THROW LENS						
LKIX	PRJ-2 CEILING MOUNTED PROJECTOR WITH 20FT MAX. THROW LENS						
	PJS-1 104"X58" CEILING MOUNTED PROJECTION SCREEN						
	PJS-2 140"X79" CEILING MOUNTED PROJECTION SCREEN						
PJSX	PJS-3 140"X79" WALL MOUNTED PROJECTION SCREEN						

ABBREVIATIONS & NOTATIONS

TION BOX HERTZ WATT-HOURS L AREA NETWORK DS, FORCE -EMITTING DIODE -BAND ANTENNA CROSS-CONNECT DISTRIBUTION FRAME HOLE, MAINTENANCE HOLE I MODE JLATOR/DEMODULATOR TECHNOLOGY ROOM USER TELECOMMUNICATIONS OUTLET IPLEXER NAL ELECTRICAL CODE

NAL ELECTRICAL SAFETY CODE END CROSSTALK ORK INTERFACE IN CONTRACT TO SCALE

0	
oem ope osha oshpd osp	ORIGINAL EQUIPMENT MANUFACTURER OUTSIDE PLANT ENGINEER OCCUPATIONAL SAFETY AND HEALTH ADMINISTR/ OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT OUTSIDE PLANT
PABX PAM PB PBX PCM POTS PR PTZ PVC R	PRIVATE AUTOMATIC BRANCH EXCHANGE PULSE AMPLITUDE MODULATION PULL BOX PRIVATE BRANCH EXCHANGE PULSE CODE MODULATION PLAIN OLD TELEPHONE SERVICE (COLLOQUIAL) PAIR PAN, TILT, ZOOM POLYVINYL CHLORIDE
RCDD REX RFI RFQ	REGISTERED COMMUNICATIONS DISTRIBUTION D REQUEST TO EXIT RADIO FREQUENCY INTERFERENCE REQUEST FOR QUOTE

RELATIVE HUMIDITY REMOTE INTERFACE UNIT

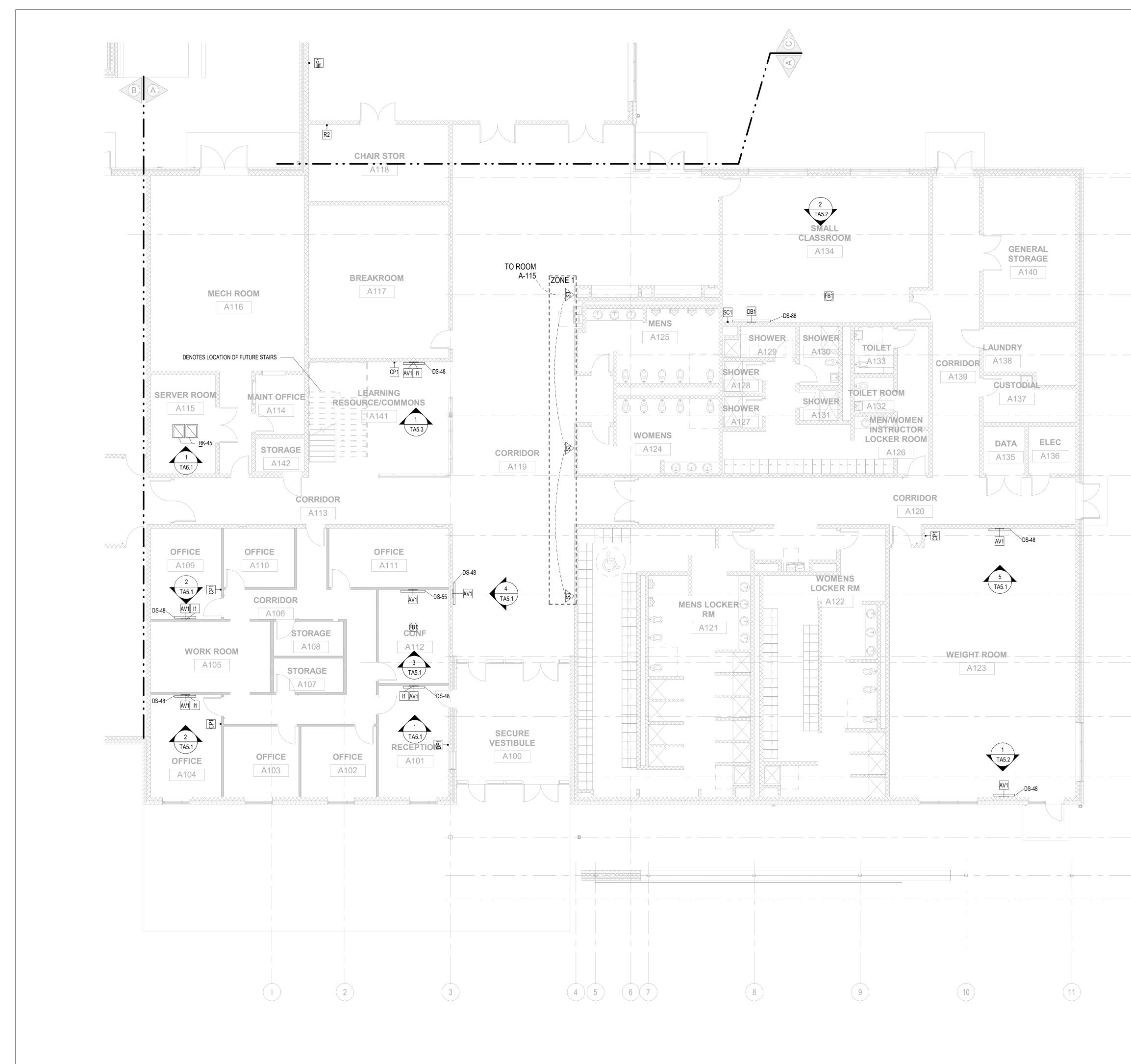
RH RIU

GENERAL NOTES

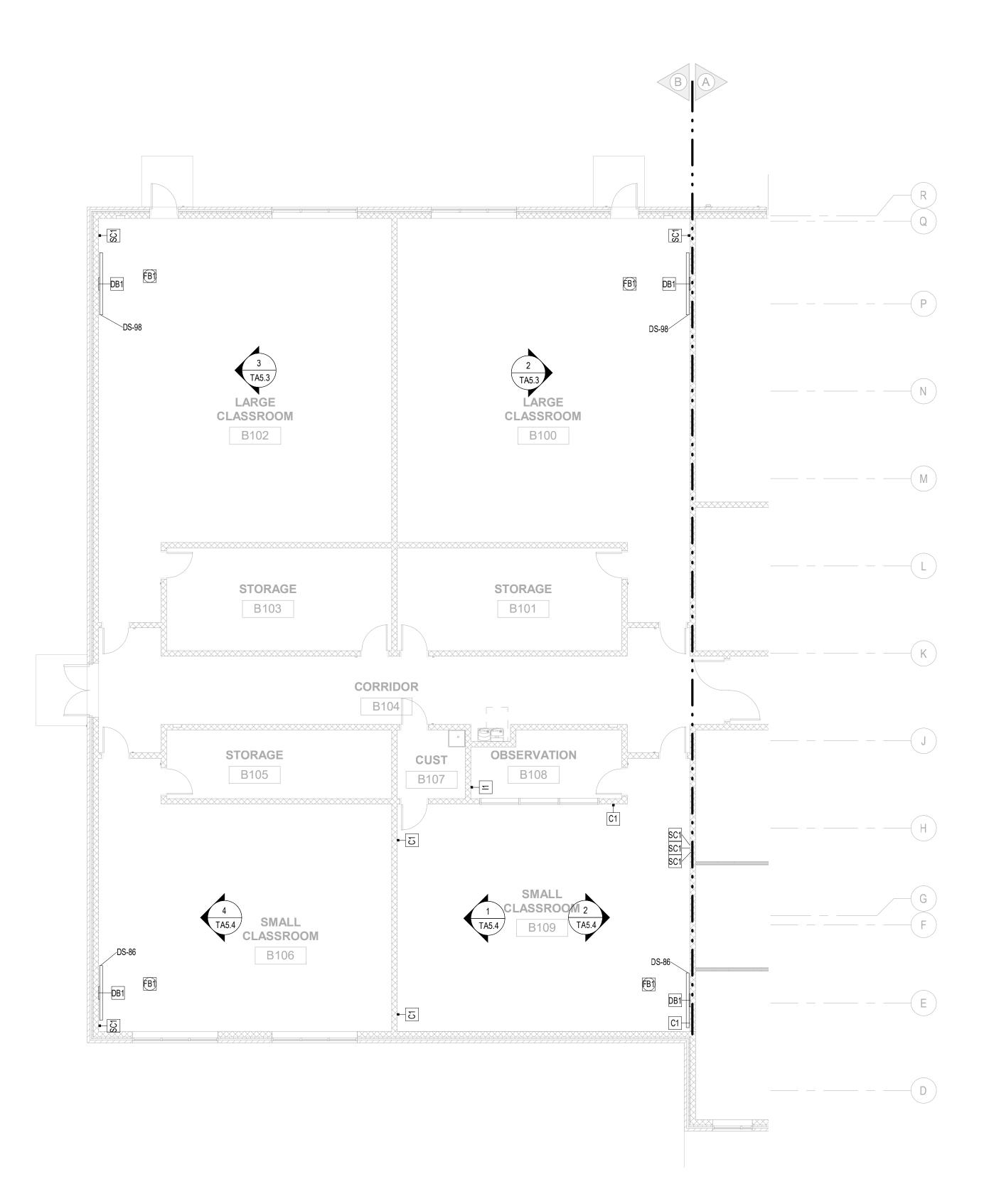
2 THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL MATERIALS REQUIRED FOR A COMPLETE AND FUNCTIONAL INSTALLATION IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS. ALL ITEMS ARE NOT ENUMERATED IN THE DESIGN PACKAGE AND THE CONTRACTOR SHALL PROVIDE ALL MATERIALS AND ACCESSORIES REQUIRED TO MEET THE DESIGN INTENT.

AUDIOVISUAL SYMBOLS

DMINISTRATION IG AND	S S S S S S S S S S S S S S	& al	ES. ATUTE AND RODUCTION MISSION OF
QUIAL)	SONET SYNCHRONOUS OPTICAL NETWORK SP SERVICE PROVIDER SPG SINGLE-POINT GROUND STP SYNCHRONOUS TRANSPORT SIGNAL SYS SYSTEM T TB TERMINAL BLOCK TBB TELECOMMUNICATIONS BONDING BACKBONE TC TELECOMMUNICATIONS CLOSET	MM-DD-YR NAME DESCRIPTION OF CHANGES I I I	
THE SPECIFICATIONS.	T&C TERMS & CONDITIONS TDM TIME-DIVISION MULTIPLEXING TEL TELEPHONE COMPANY TERM TELECOMMUNICATIONS GROUNDING BUSBAR TGB TELECOMMUNICATIONS INDUSTRY ASSOCIATION TMGB TELECOMMUNICATIONS MAIN GROUNDING BUSBAR TO TELECOMMUNICATIONS MAIN GROUNDING BUSBAR UNDERNATION UNDERNATIONS MAIN GROUNDING BUSBAR UNDERNATION UNDERNATIONS MAIN GROUNDING BUSBAR WAO UNDERNATIONS DATE WAO WORK AREA OUTLET WAP WIRELESS ACCESS POINT WAVELENGTH DIVISION MULTIPLEXING TO WAVELENGTH DIVISION MULTIPLEXING	E ROHRBAUGH & ASSOCIATES - E ROHRBAUGH & ASSOCIATES - CTS ITE 402, TOWSON MD 21204 410-528-0272 www.cra-architects.com ITE 402, TOWSON MD 21204 A10-528-0272 www.cra-architects.com WASHINGTON COUNTY PROJECT NO. 28-266	18350 PUBLIC SAFETY PLACE HAGERSTOWN, MD 21740
TES TYPE MOUNTING HEIGHT 60" AFF REFER TO ELEVATION 84" AFF U.O.N.	FUNCTION DISPLAY CABLE PASSTHRU DISPLAY CABLE PASSTHRU CAMERA DISCONNECT	HING HING SBURG, PE	
STANDARD SWITCH HEIGHT 60" AFF U.O.N. COUNTER HEIGHT 18" AFF U.O.N. 40" AFF 48" AFF	AV CONTROL PANEL DISPLAY CABLE PASSTHRU TABLETOP TOUCHPANEL CONNECTION AV CABLE PASSTHRU AV RACK PASSTHRU PROJECTION SCREEN CONTROL	CCRA 200 WEST 100 WEST MECHANIQ WAS	
48" AFF OUTLET HEIGHT TES TYPE MOUNTING HEIGHT AL IN-FLOOR	PROJECTION SCREEN CONTROL AV CABLE PASSTHRU FUNCTION CONSOLIDATED POKETHRU FOR AUDIOVISUAL, ELECTRICAL, AND DATA. REFER TO ELECTRICAL AND TELECOM DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION	CR	
MOUNTING HEIGHT ED 120" AFF U.O.N.	FUNCTION PAGING SYSTEM REINFORCEMENT	TECHNOLOGY LEGEND PLOT SCALE: FILENAME: DATE: DECEMBER 18, 2019 PLOT SCALE	

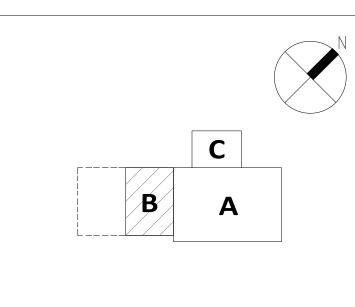


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D		TECT ND, SUITE 4 RG, PENNSY	
C		CRABTRE ARCHITEC 00 WEST ROAD, SUIT	VASHI
B			
		(CID)	
	C B	AUDIOVISUAL PLAN - UNIT A	PROJECT 3089
K	EY PLAN	FILENAME: DATE: DECEMBER 18, 2019	TA1.1

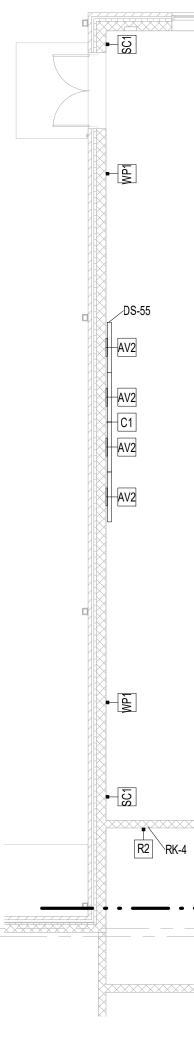


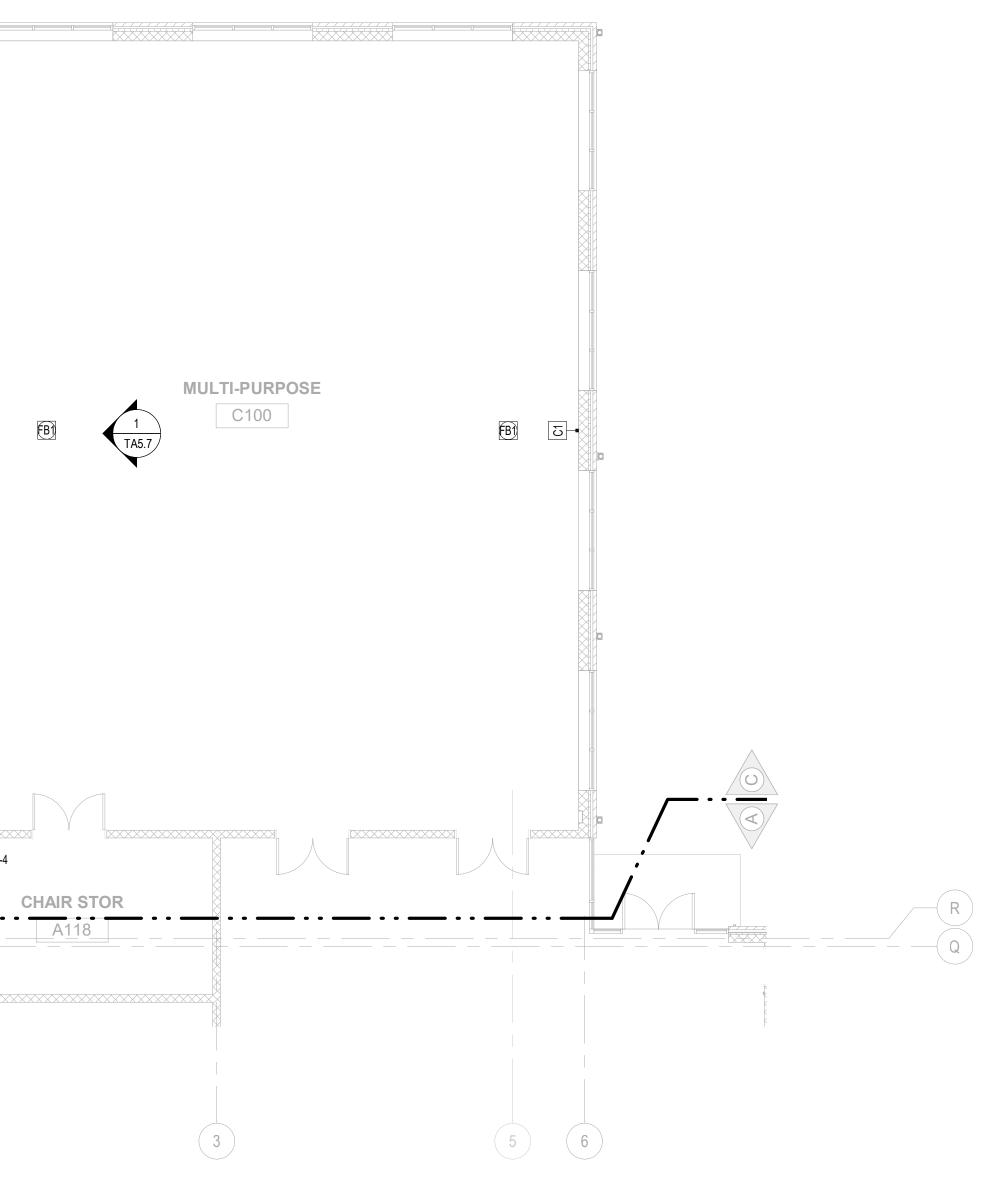
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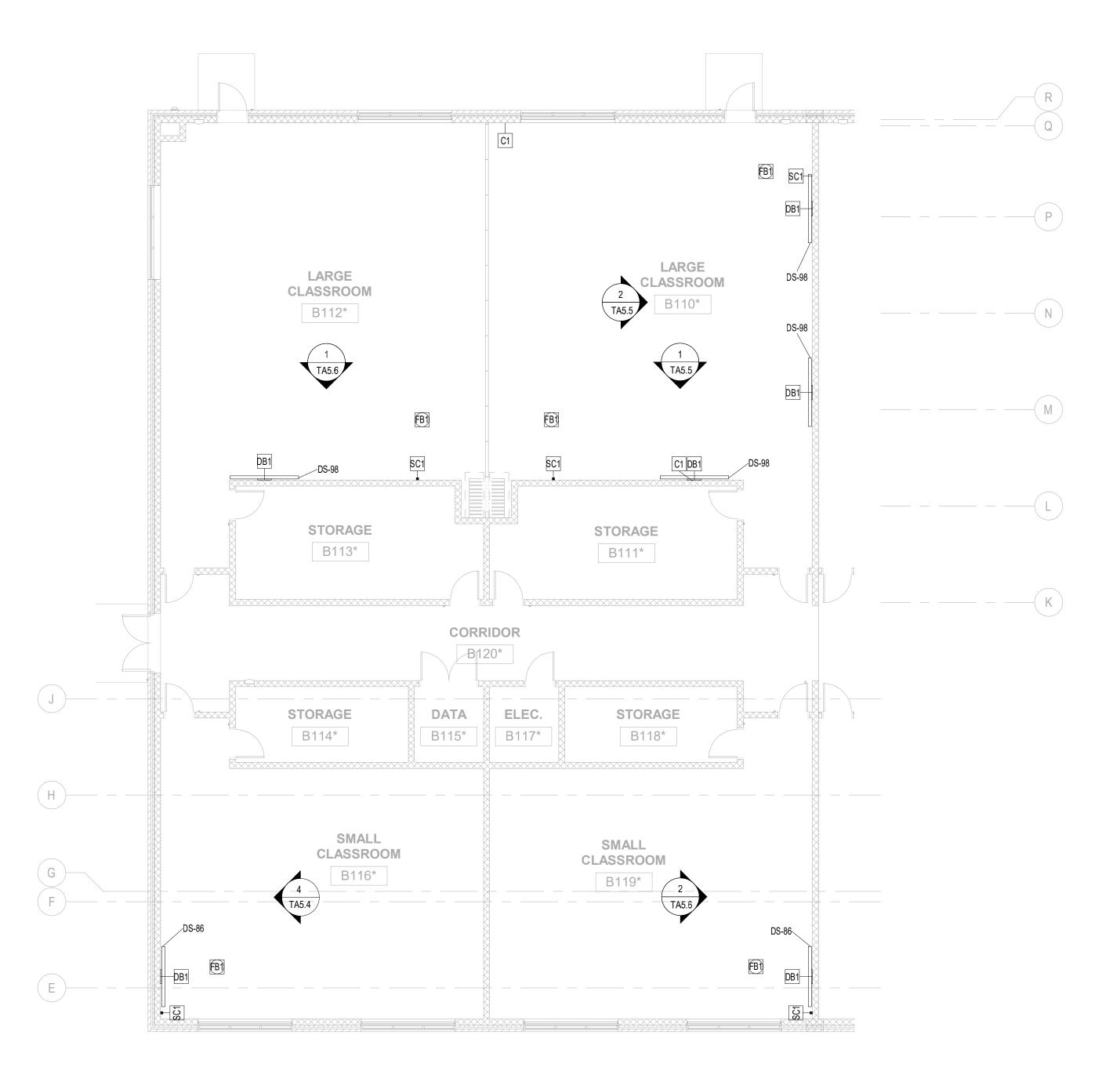


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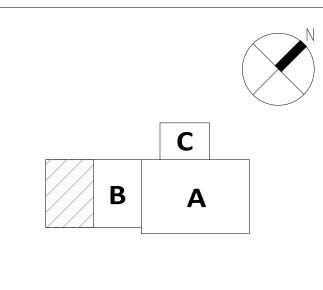
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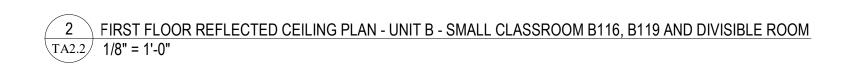


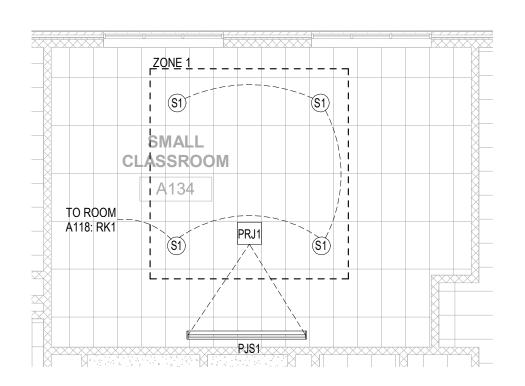


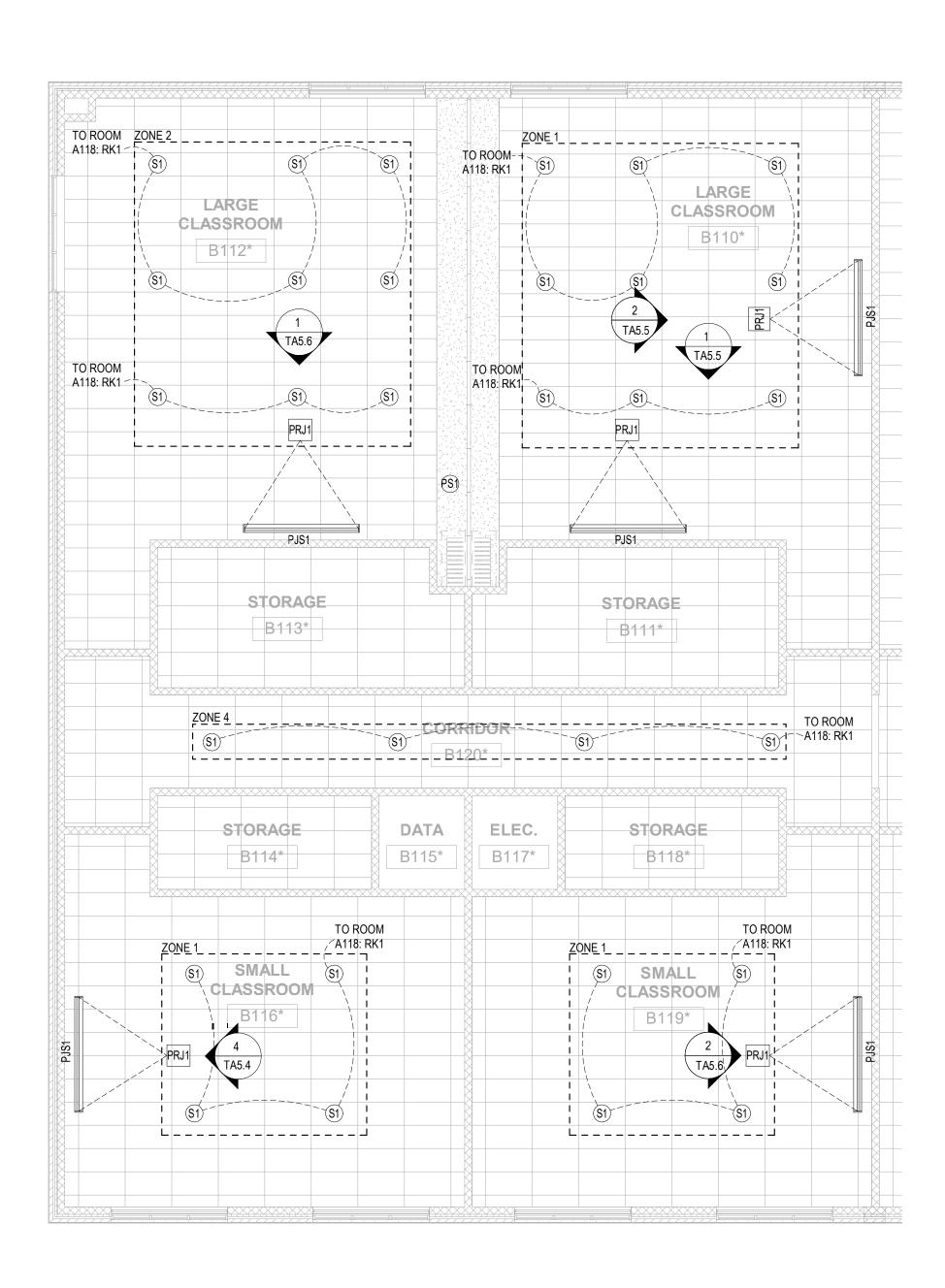
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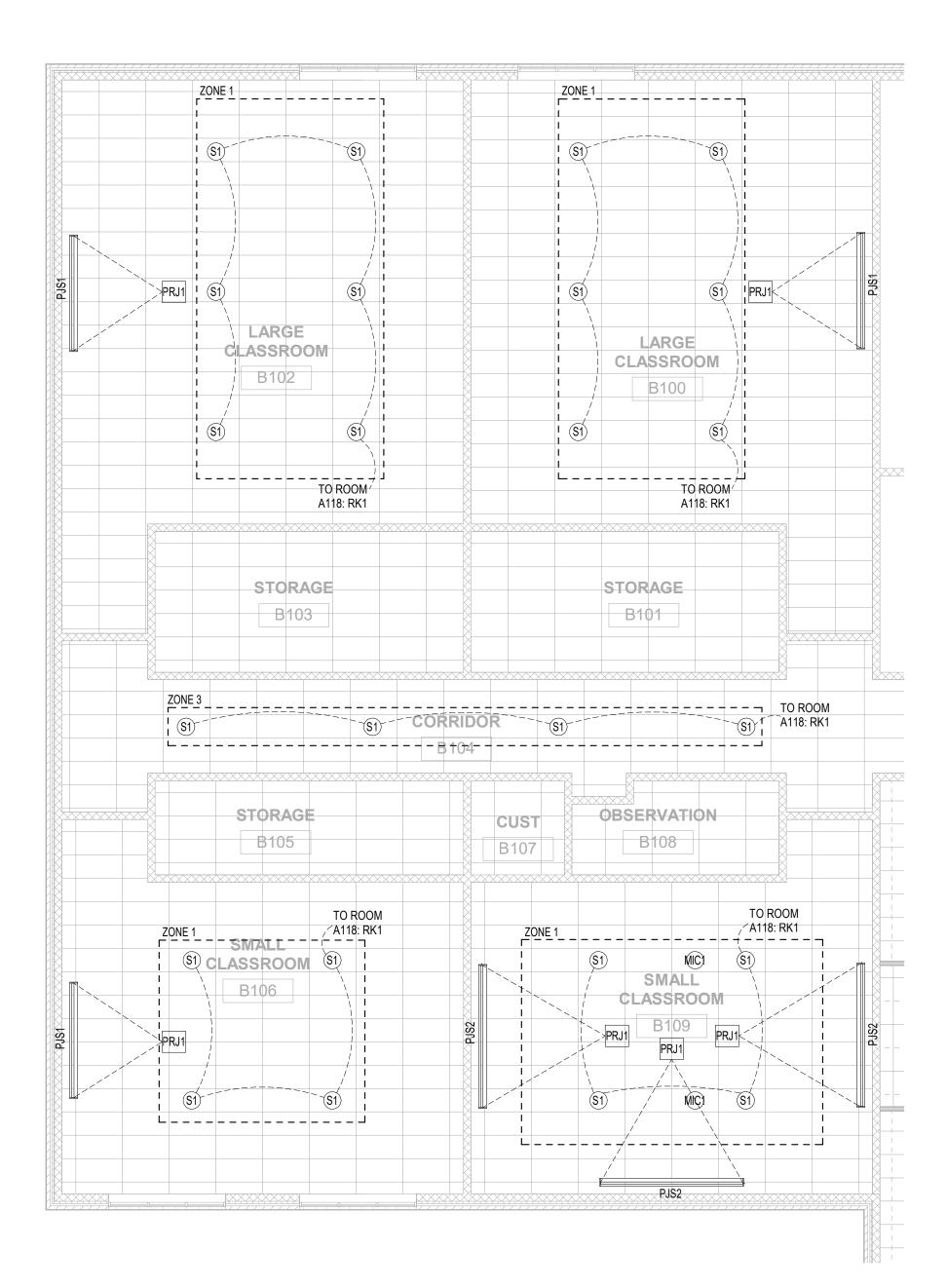
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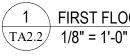








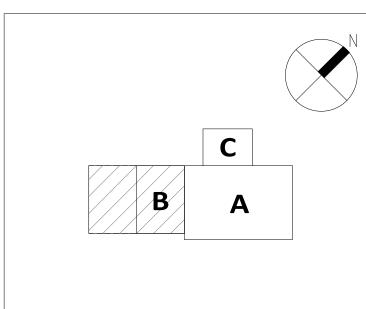




1FIRST FLOOR REFLECTED CEILING PLAN - UNIT BTA2.21/8" = 1'-0"

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KEY PLAN

PLOT SCALE:

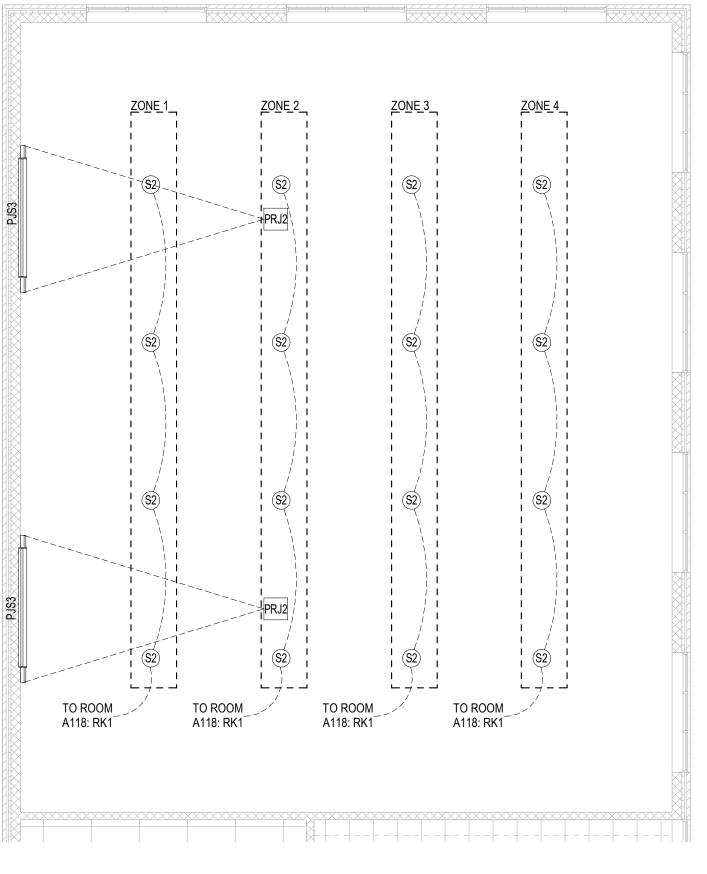
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DECEMBER 18, 2019

DATE:

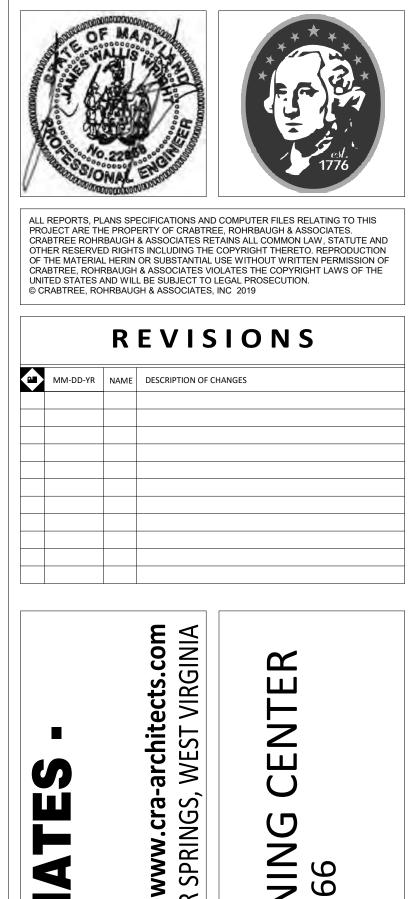
TA2.2

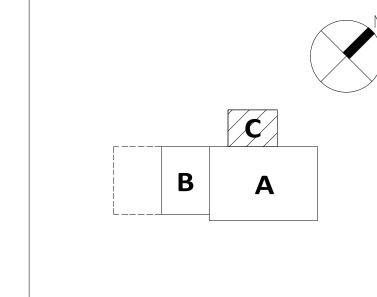




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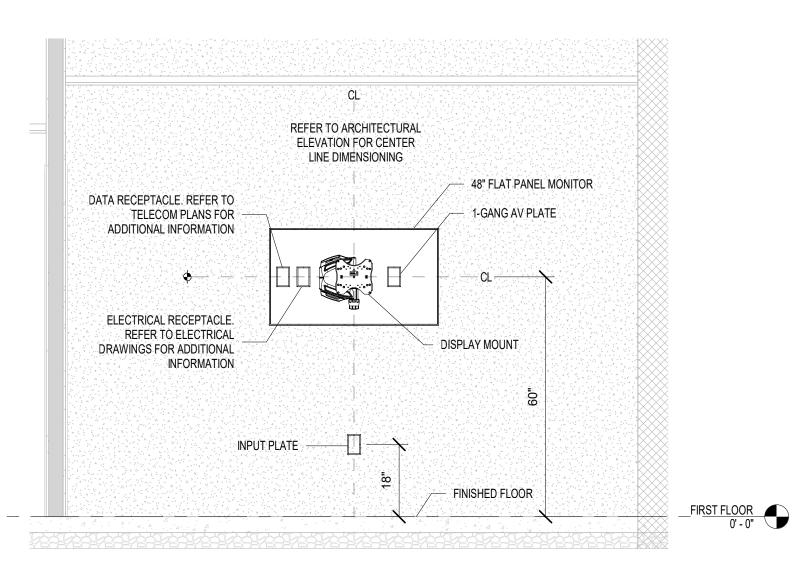
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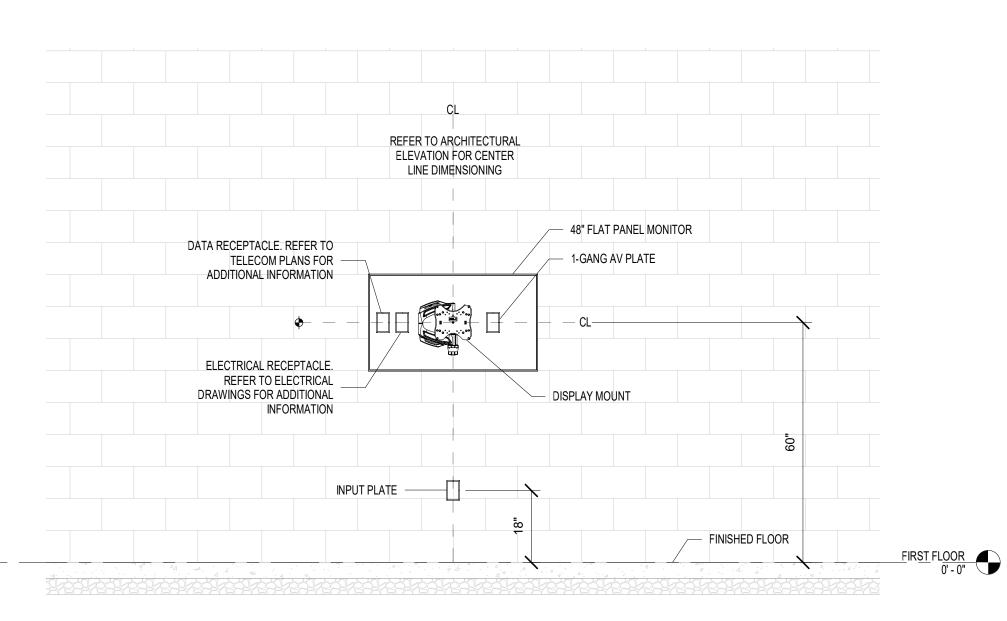


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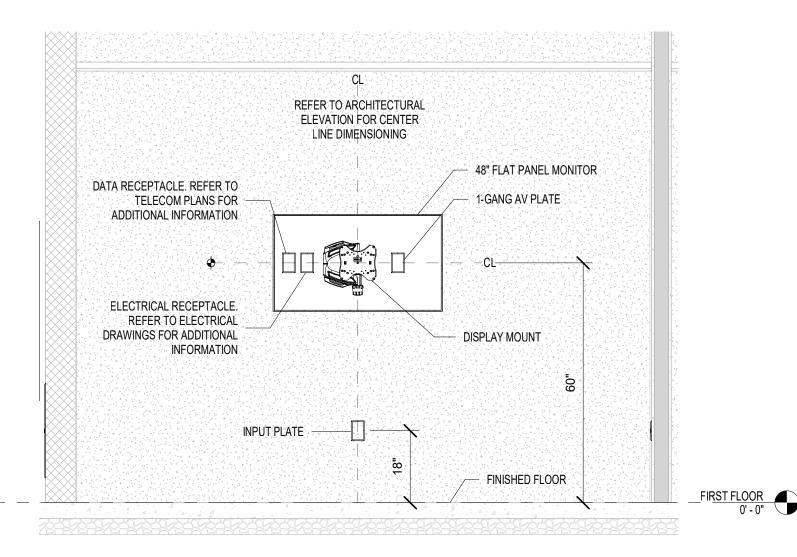
COORDINATE CONDUIT INSTALLATION & WORKMANSHIP WITH THE ARCHITECT. ALIGN AND CONCEAL CONDUIT WITHIN THE TRUSS CEILING FOR AESTHETICS.

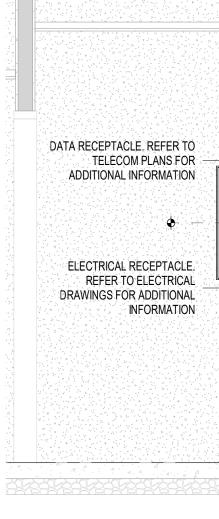


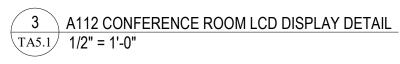
1 A101 RECEPTION LCD DISPLAY DETAIL TA5.1 1/2" = 1'-0"



4 A119 LOBBY LCD DISPLAY DETAIL TA5.1 1/2" = 1'-0"



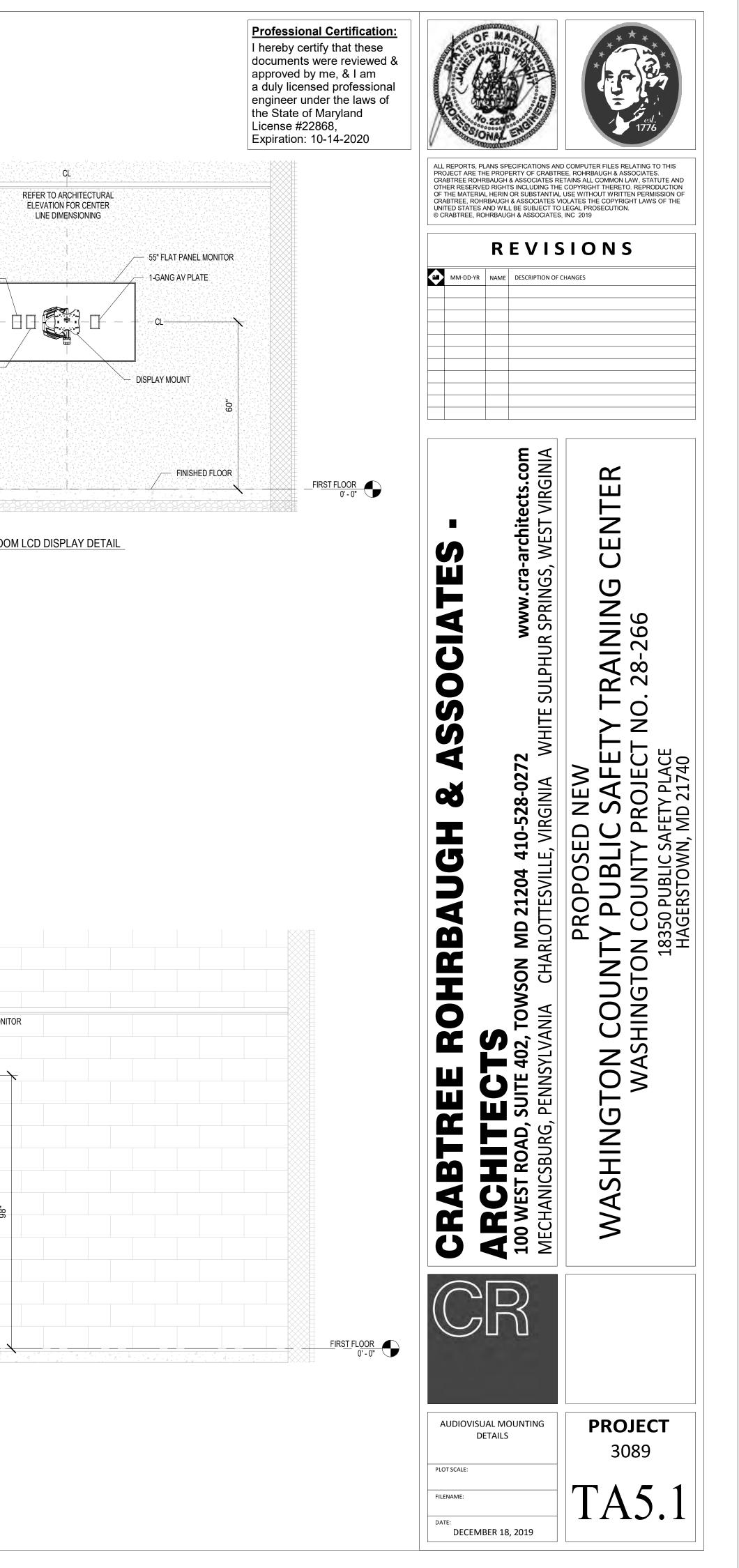


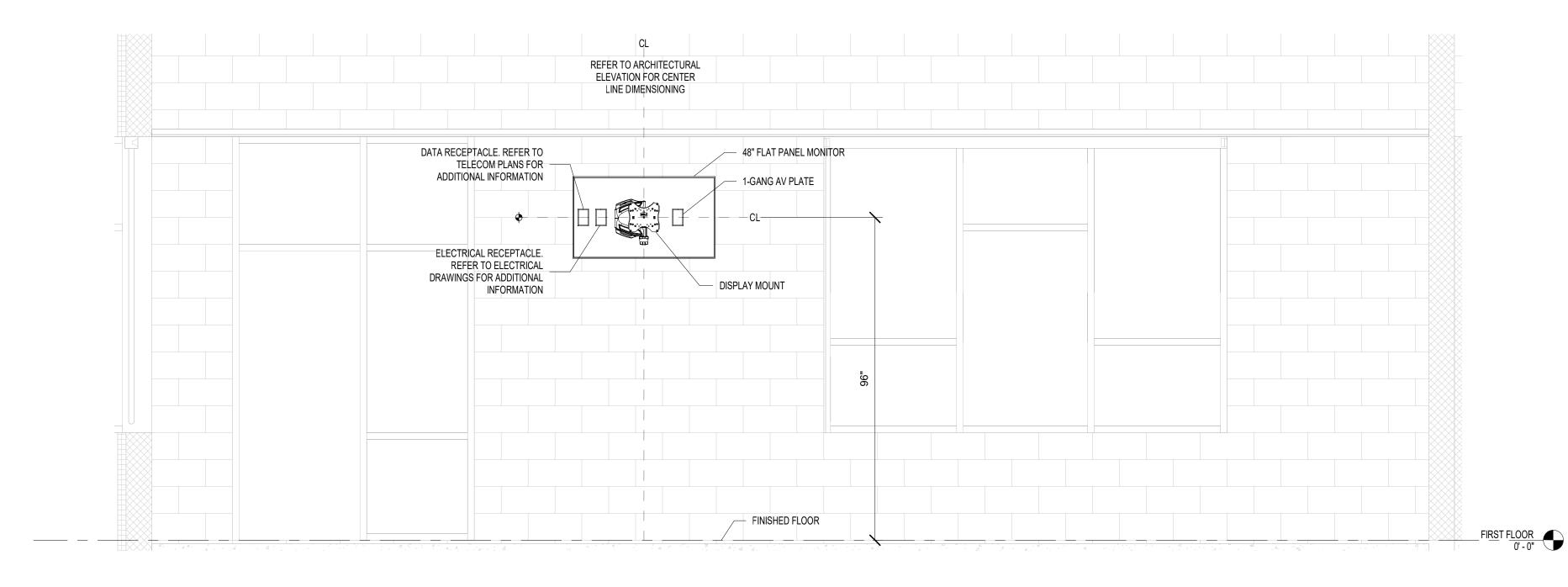


2 A104 OFFICE LCD DISPLAY DETAIL TA5.1 1/2" = 1'-0"

CL	
REFER TO ARCHITECTURAL	
ELEVATION FOR CENTER	
LINE DIMENSIONING	
	48" FLAT PANEL MONIT
TELECOM PLANS FOR ADDITIONAL INFORMATION	
	1-GANG AV PLATE
REFER TO ELECTRICAL	
DRAWINGS FOR ADDITIONAL INFORMATION DISPI	LAY MOUNT
	08"
	0,
	- FINISHED FLOOR

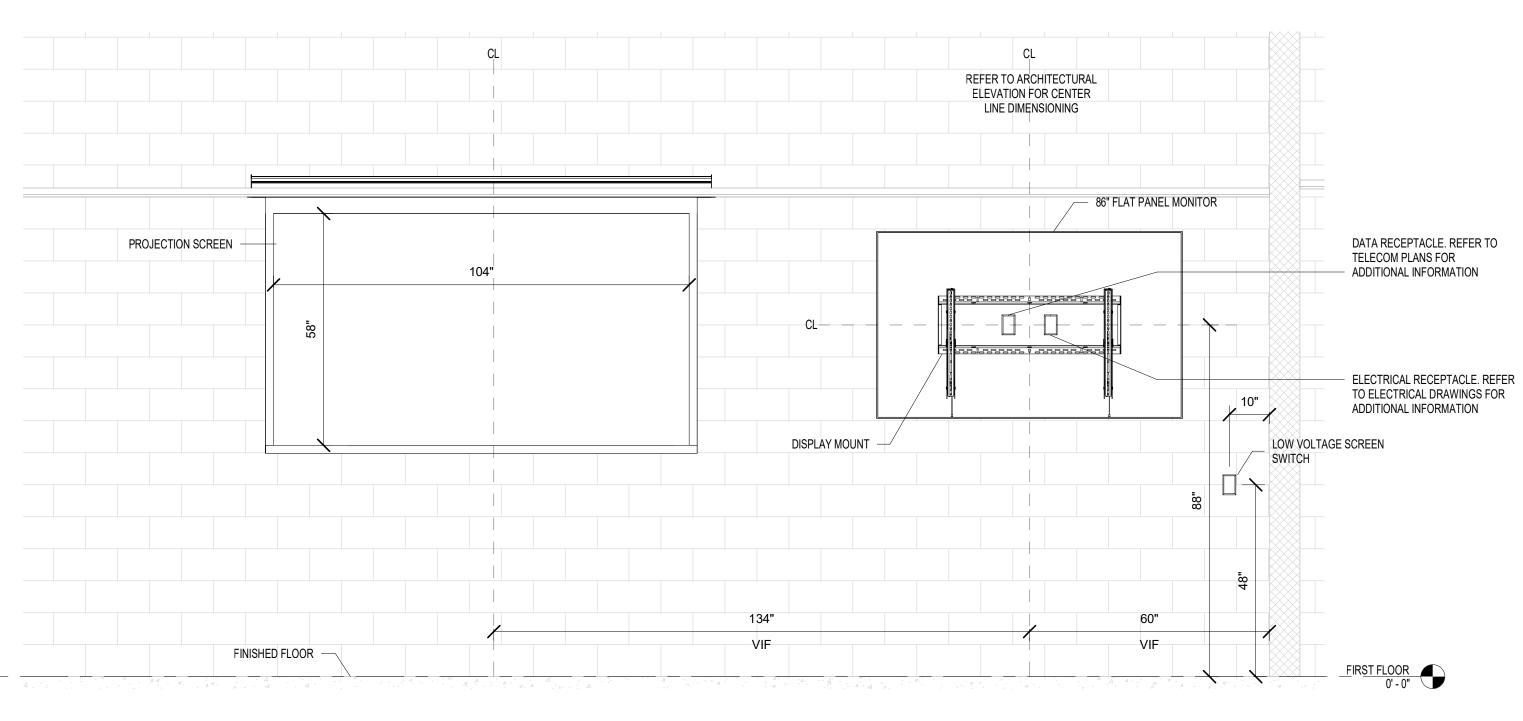
5 A123 WEIGHT ROOM LCD DISPLAY DETAIL TA5.1 1/2" = 1'-0"







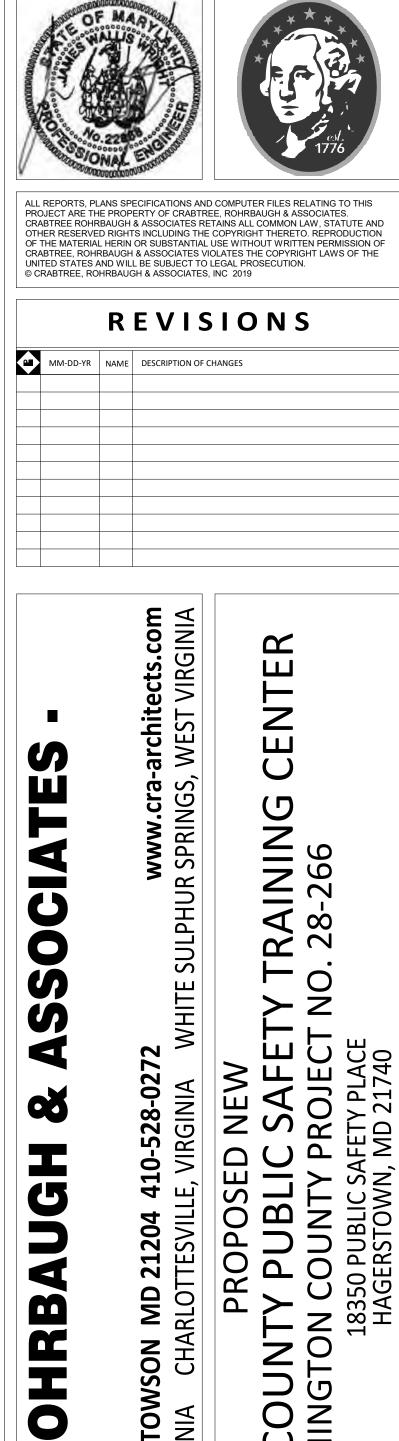
1 A123 WEIGHT ROOM SOUTH VIEW LCD DISPLAY DETAIL TA5.2 1/2" = 1'-0"





2 A134 SMALL CLASSROOM FRONT PROJECTION AND LCD DISPLAY DETAIL TA5.2 1/2" = 1'-0"

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AUDIOVISUAL MOUNTING DETAILS

DECEMBER 18, 2019

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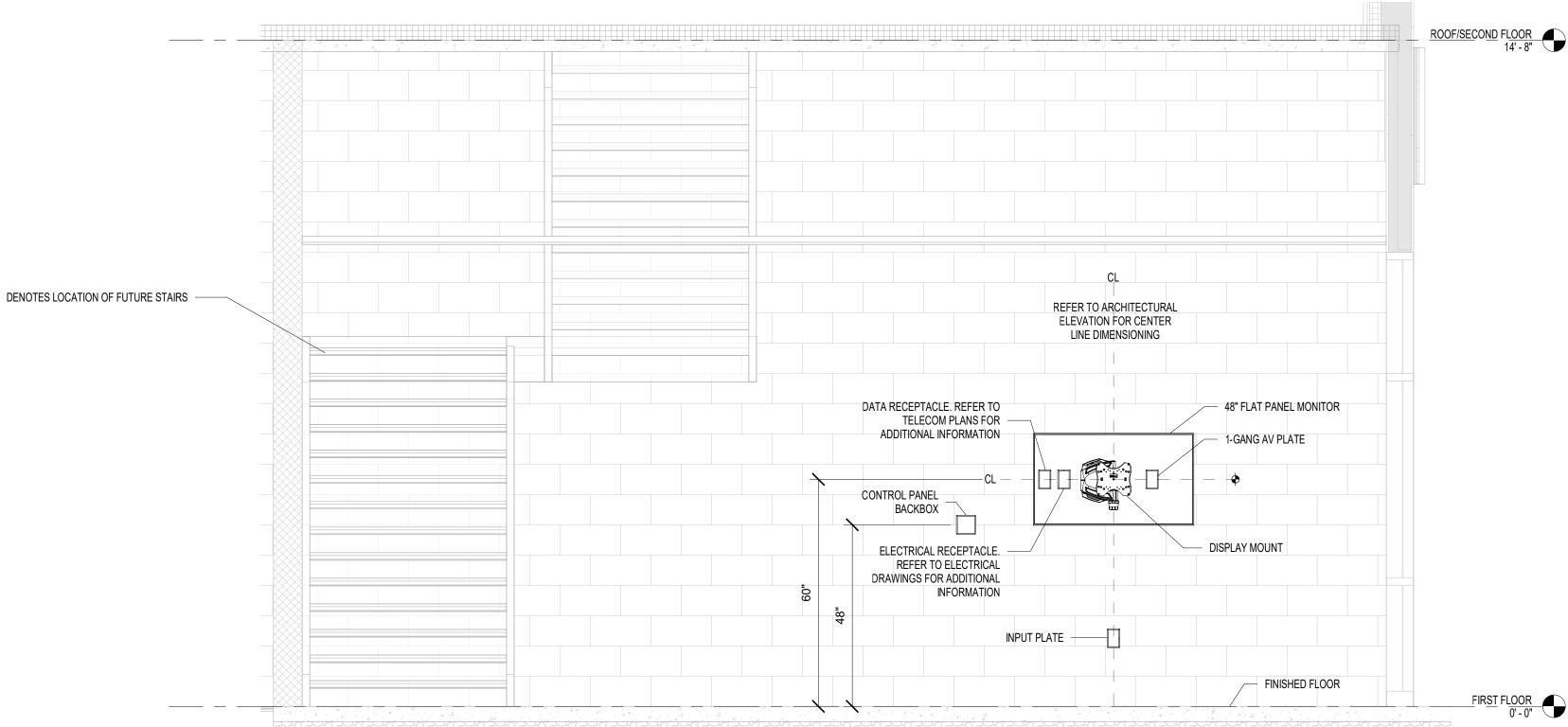
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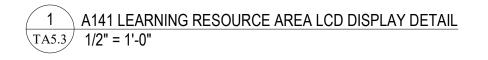
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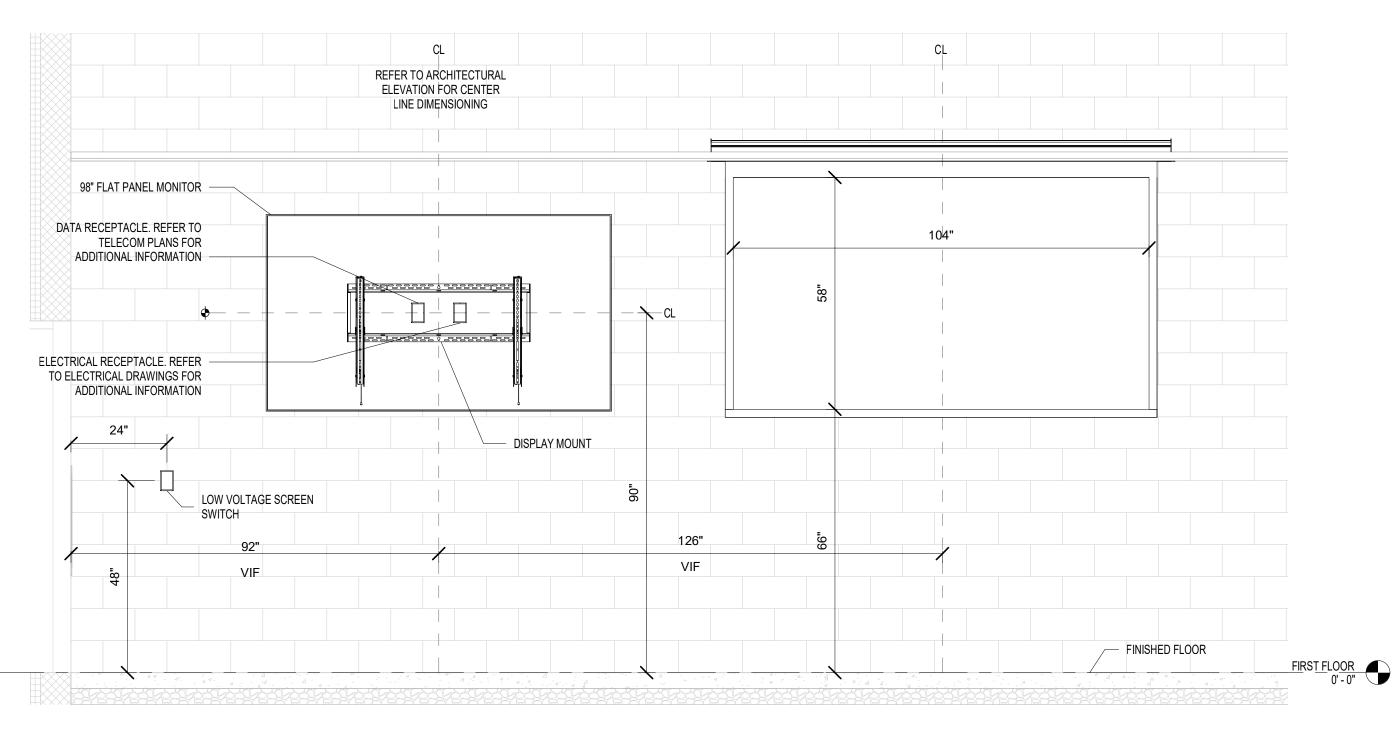
PROJECT

3089

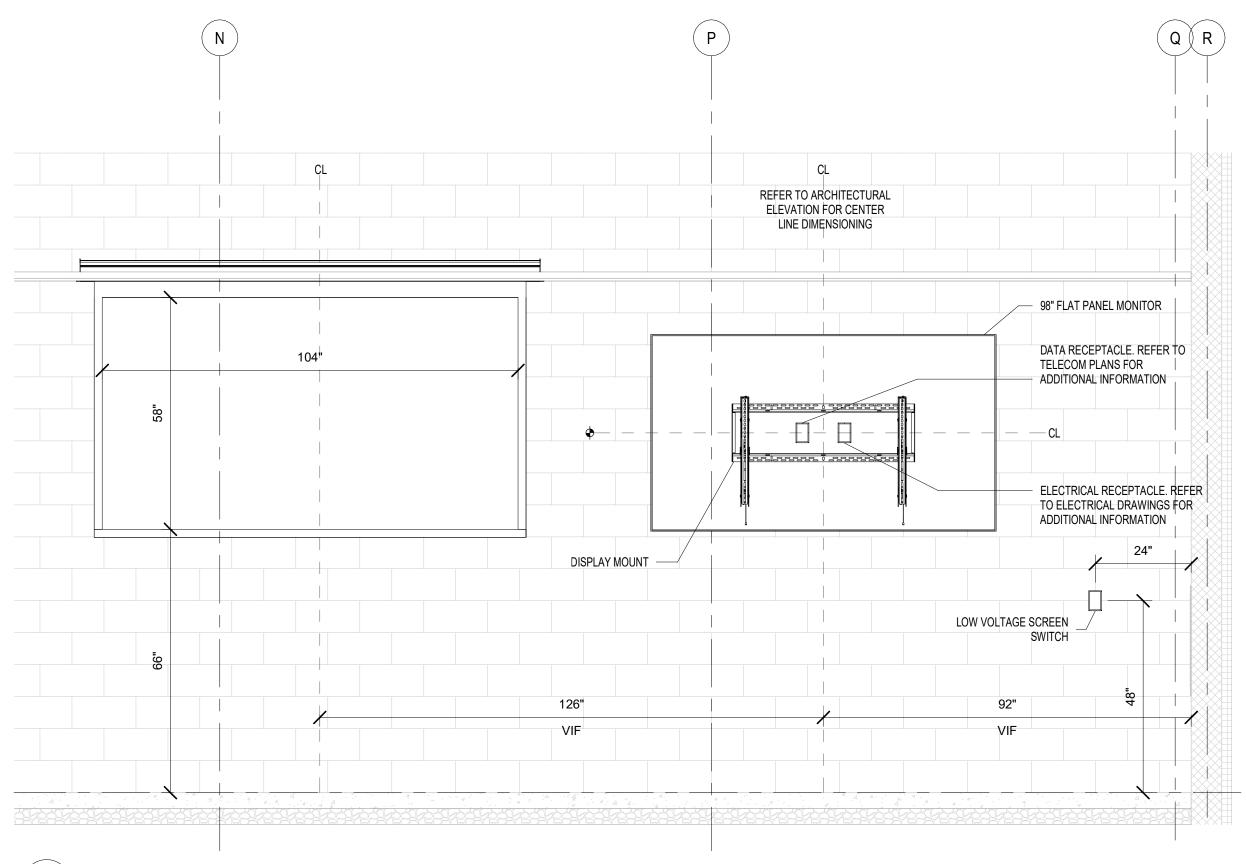
TA5.2



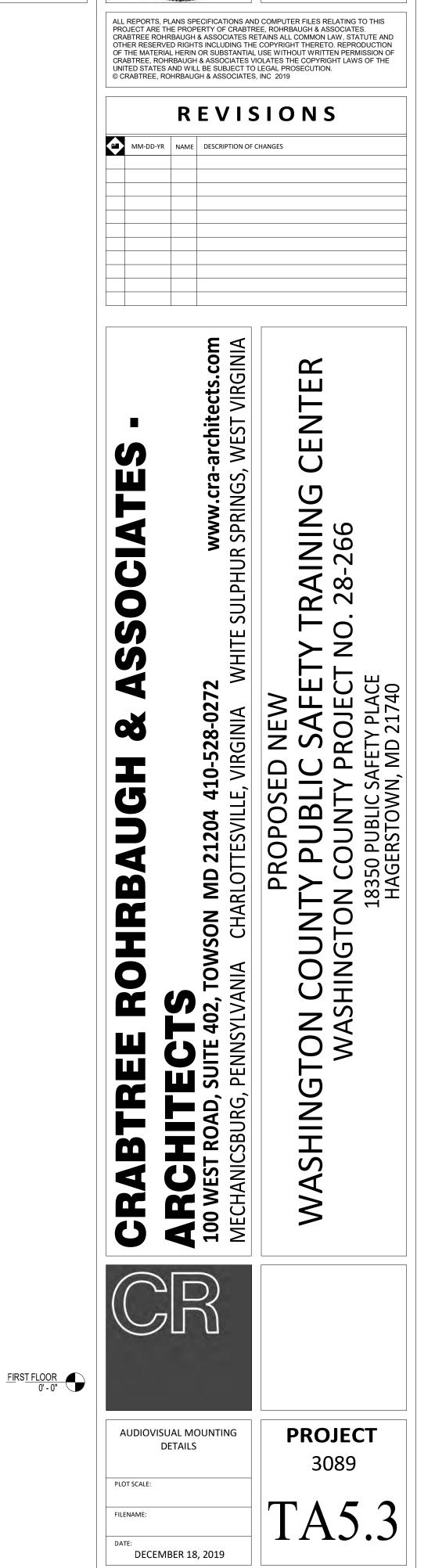


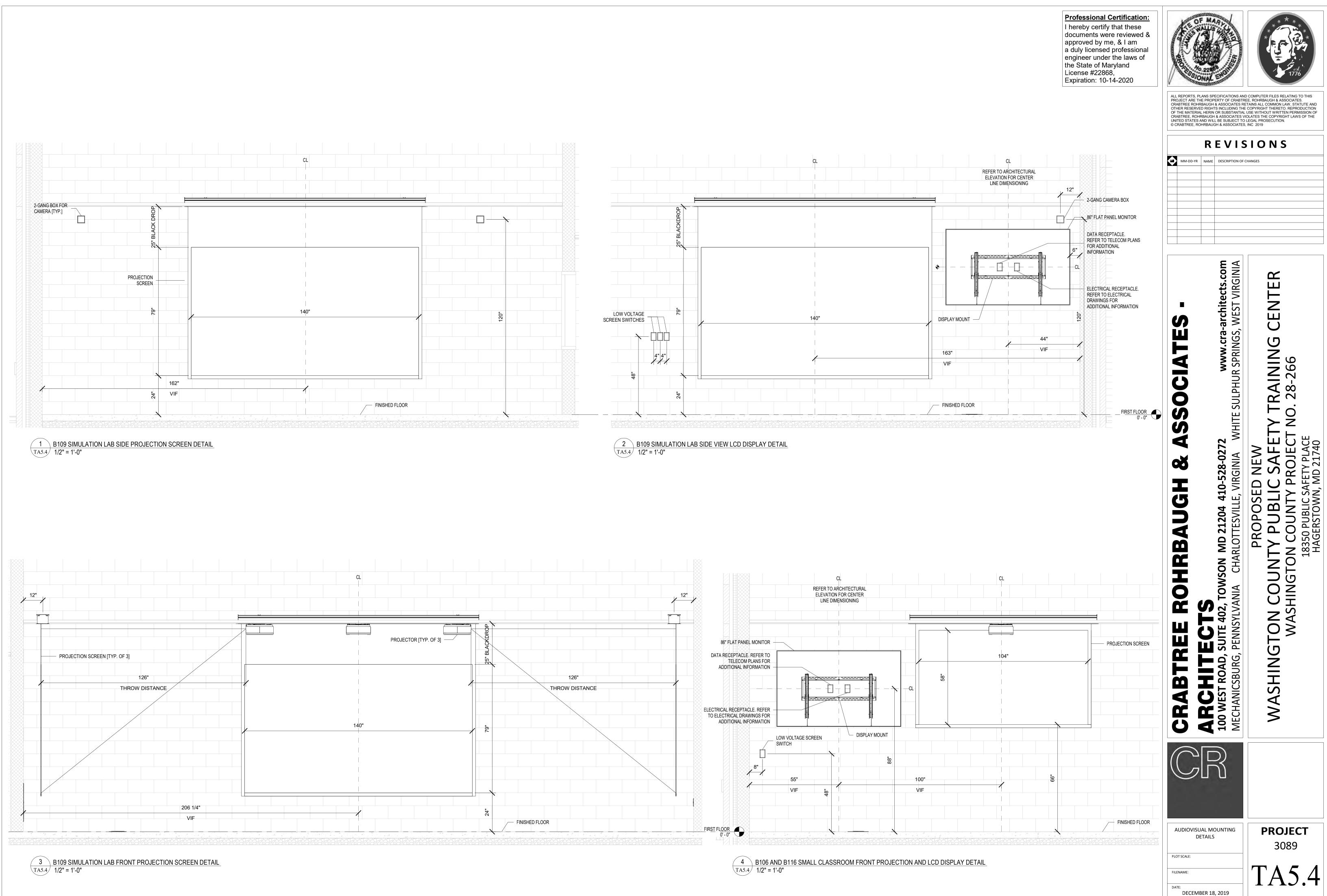


2 B100 LARGE CLASSROOM PROJECTION AND LCD DISPLAY DETAIL TA5.3 1/2" = 1'-0"



3 B102 LARGE CLASSROOM PROJECTION AND LCD DISPLAY DETAIL TA5.3 1/2" = 1'-0" Professional Certification: I hereby certify that these documents were reviewed & approved by me, & I am a duly licensed professional engineer under the laws of the State of Maryland License #22868, Expiration: 10-14-2020





2 B110 LARGE CLASSROOM SIDE PROJECTION AND LCD DISPLAY DETAIL TA5.5 1/2" = 1'-0"



ELECTRICAL RECEPTACLE. REFER -TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION [TYP. OF 2]

98" FLAT PANEL MONITOR [TYP. OF 2]

DATA RECEPTACLE. REFER TO TELECOM PLANS FOR ADDITIONAL INFORMATION [TYP. OF 2]

1B110 LARGE CLASSROOM FRONT PROJECTION AND LCD DISPLAY DETAILTA5.51/2" = 1'-0"

(P)

....

DISPLAY MOUNT [TYP. OF 2]

70"

VIF

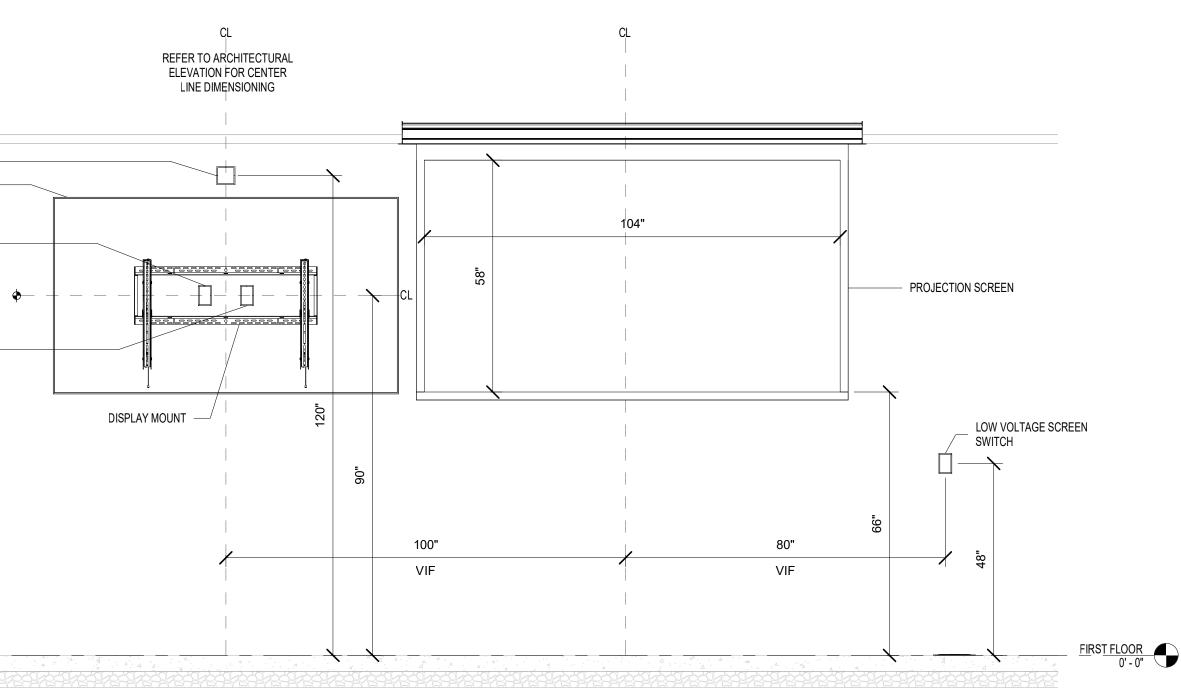
FINISHED FLOOR -

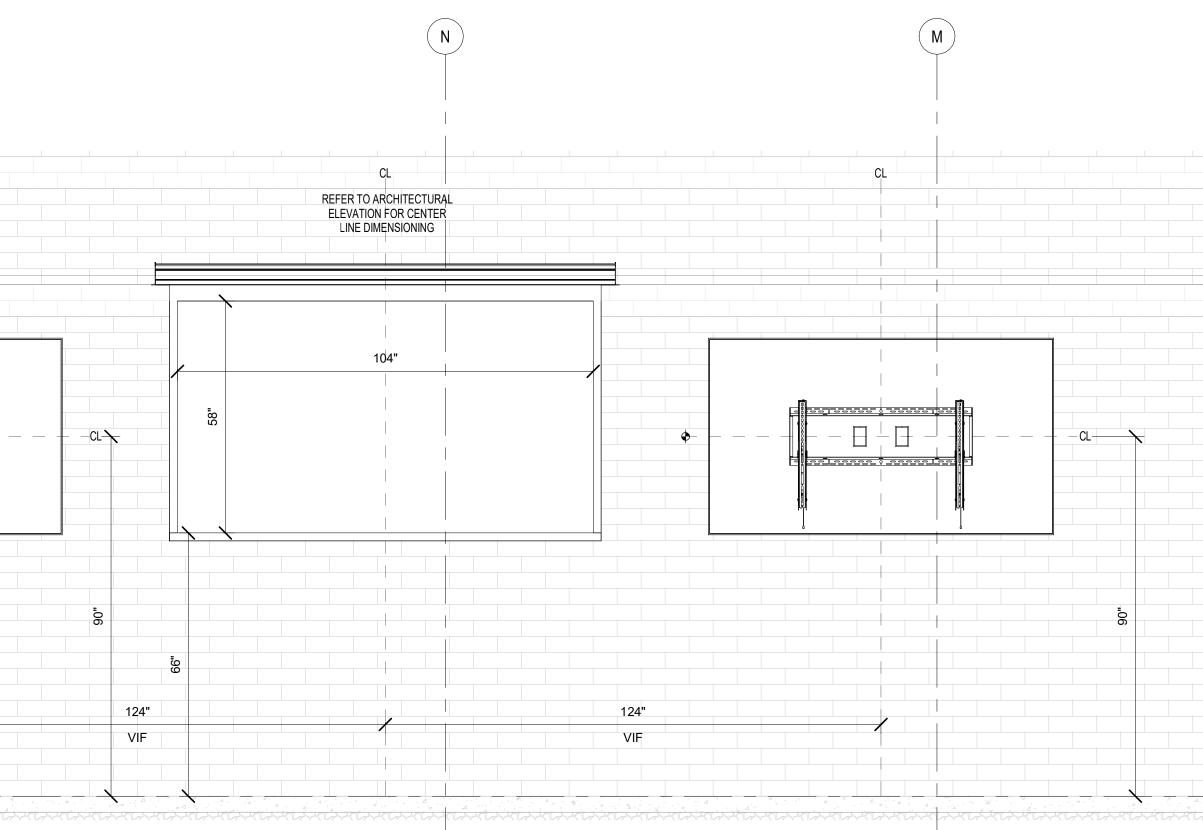
ELECTRICAL RECEPTACLE. REFER TO ELECTRICAL DRAWINGS FOR

ADDITIONAL INFORMATION

98" FLAT PANEL MONITOR DATA RECEPTACLE. REFER TO TELECOM PLANS FOR ADDITIONAL INFORMATION -

2-GANG BOX FOR CAMERA





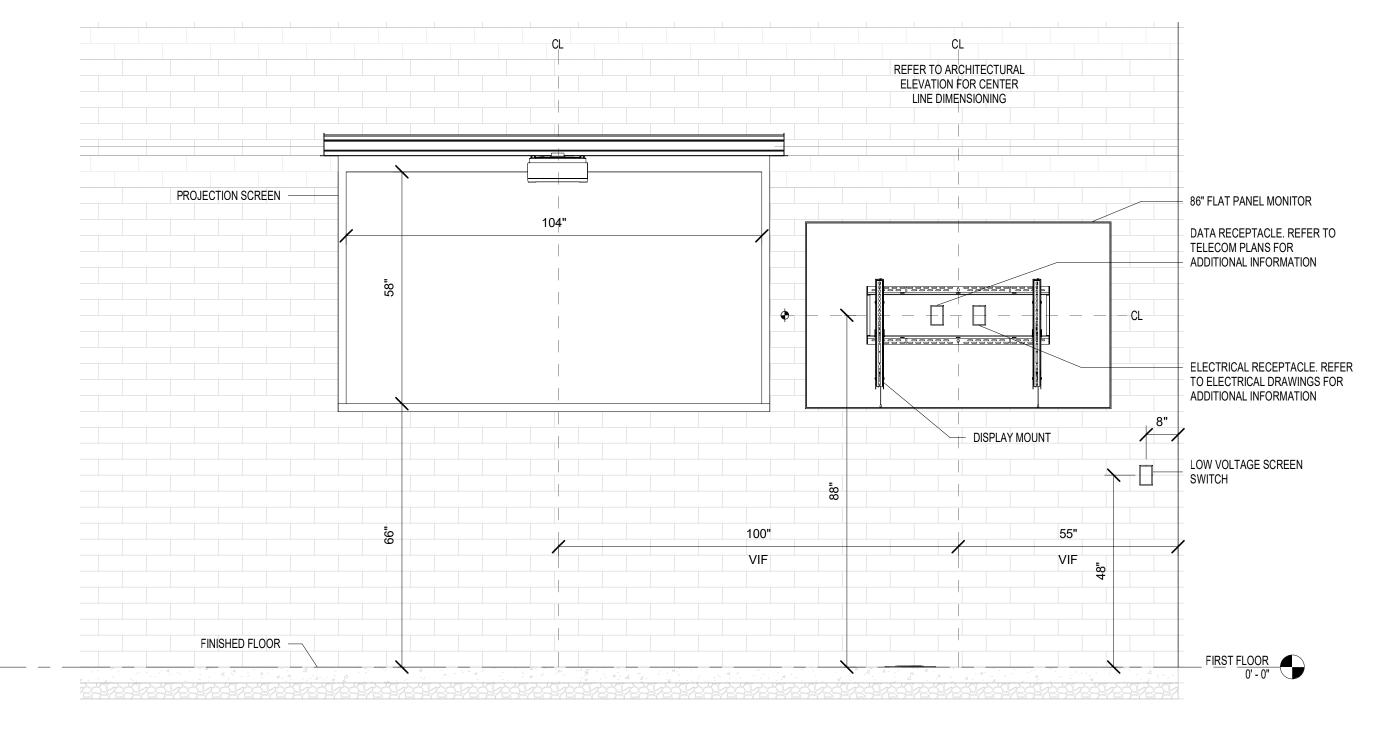
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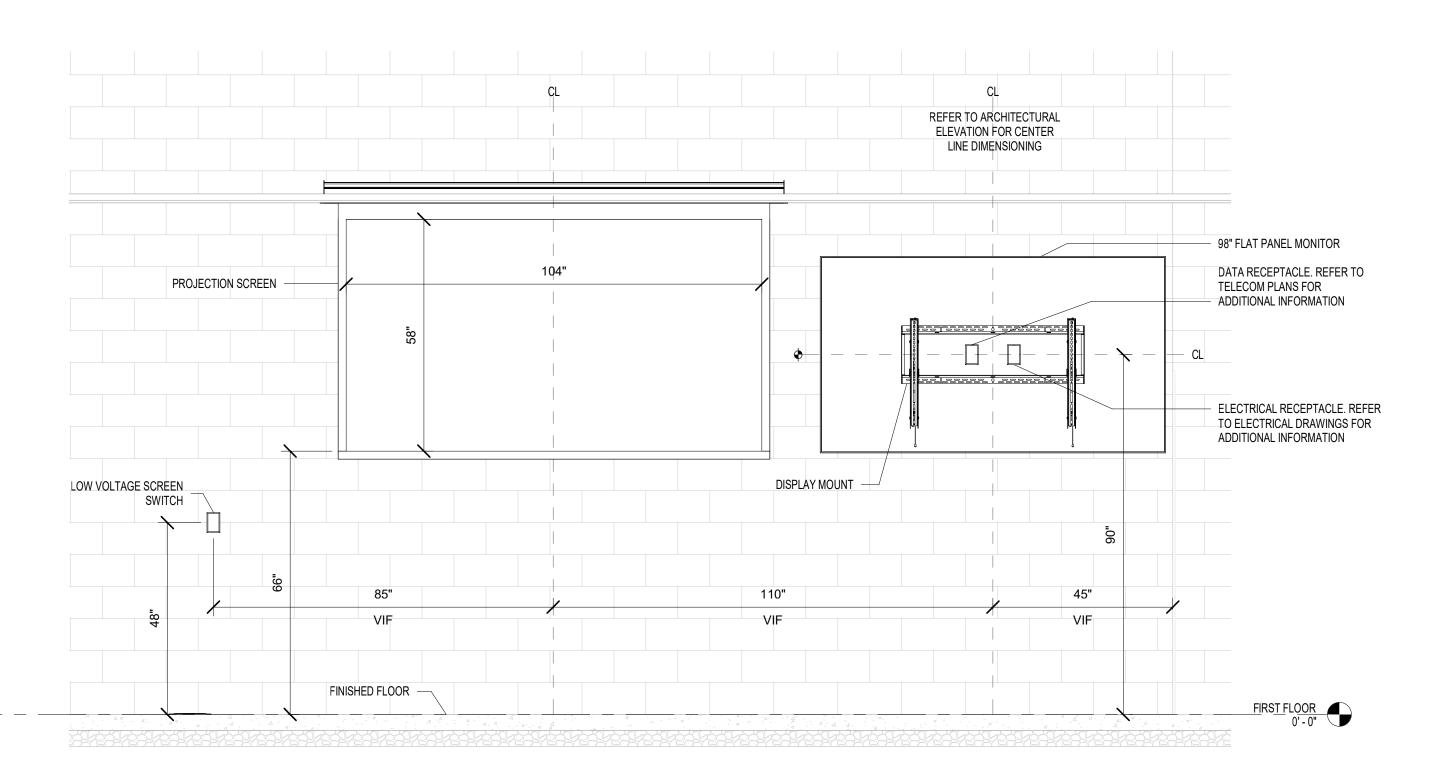


FIRST FLOOR 0' - 0"

2 B119 SMALL CLASSROOM FRONT PROJECTION AND LCD DISPLAY DETAIL TA5.6 1/2" = 1'-0"



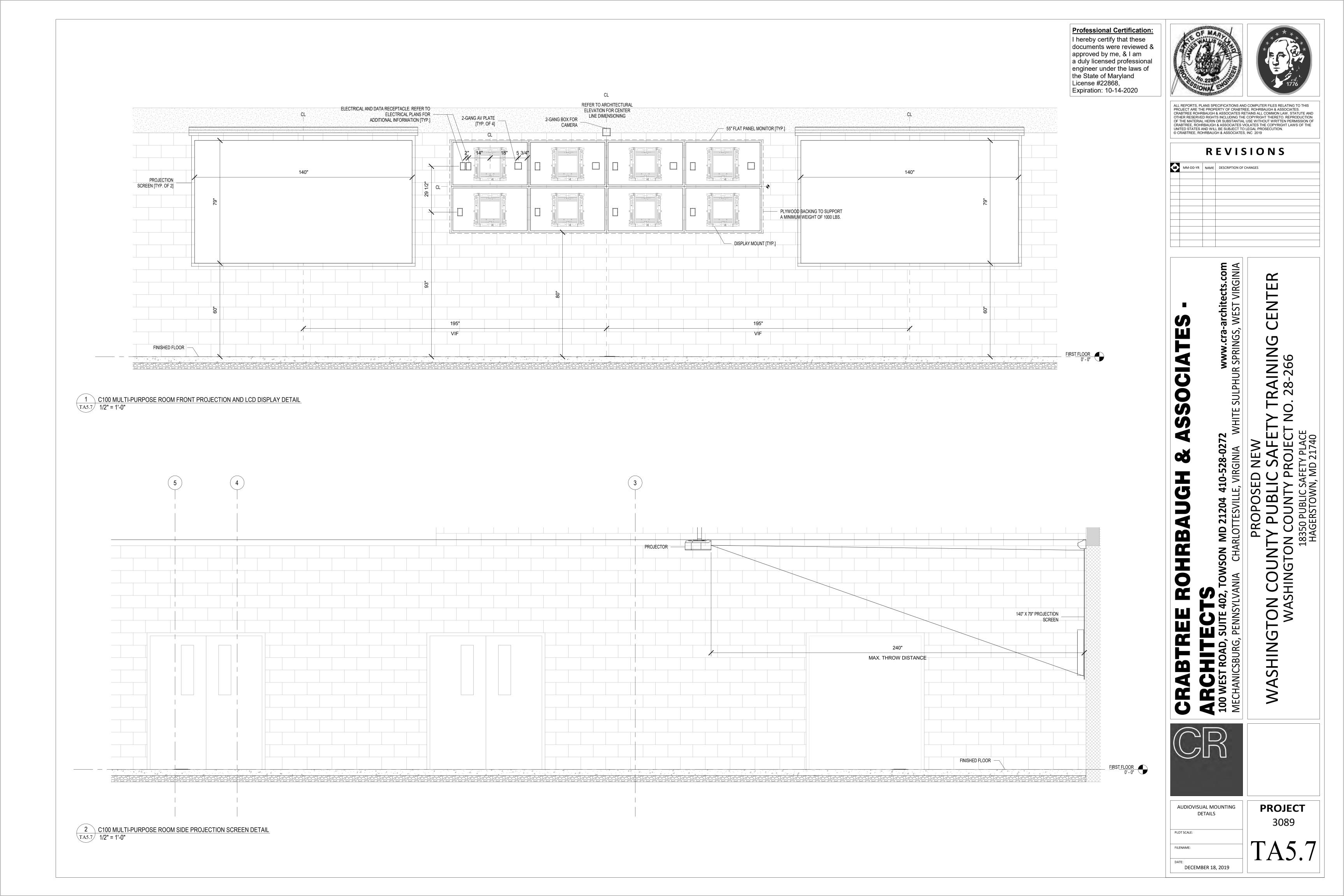
1B112 LARGE CLASSROOM FRONT PROJECTION AND LCD DISPLAY DETAILTA5.61/2" = 1'-0"

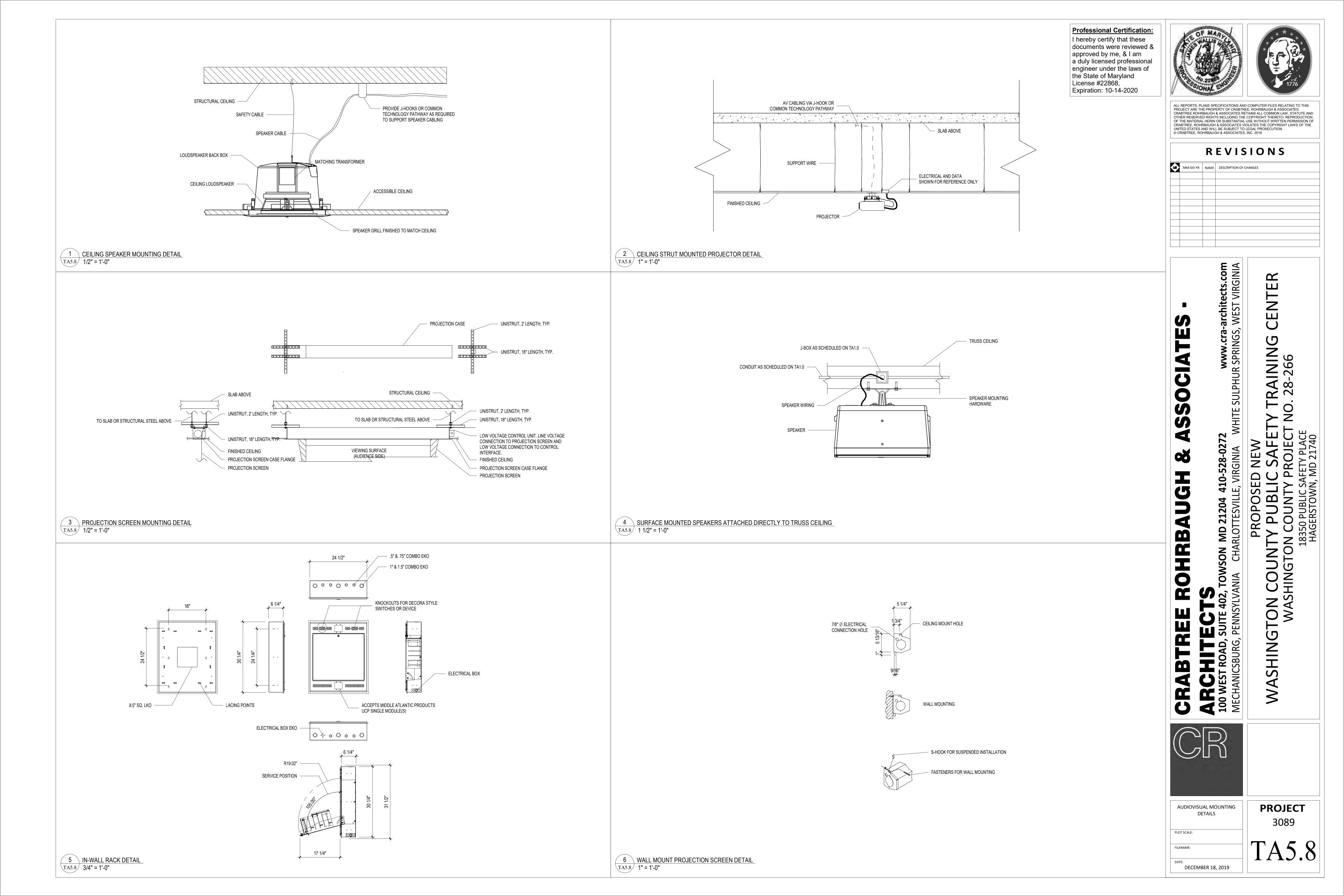


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FMAR







		LOGO PLATE
		CONTROL PROCESSOR
		MÜLTI-PÜRPOSE ROOM
PDU= PDU=		EXTENSION MODULE #1 EXTENSIÓ MULTI-PURPOSE ROOM MULTI-PU TV TUNER
PDU=		MULTI-PURPOSE ROOM
		CENTRAL AUDIO DSP
PDU=		
PDU		NÉTWORK SWITCH #1 SHARED EQUIPMENT
PDU=		NETWORK SWITCH #2 SHARED EQUIPMENT
PDU=		NETWORK SWITCH #3 SHARED EQUIPMENT
PDU=		PODM POWER SUPPLY #1 SHARED EQUIPMENT
PDU=		PODM POWER SUPPLY #2 SHARED EQUIPMENT
PDU=		PODM POWER SUPPLY #3 SHARED EQUIPMENT
PDU=		PODM POWER SUPPLY #4 SHARED EQUIPMENT
		DM PATCH PANEL SHARED EQUIPMENT
		DM PATCH PANEL SHARED EQUIPMENT
		CENTRAL MATRIX SWITCHER
		-
		-
		-
		-
		-
		-
PDU=		
		SHARED EQUIPMENT
WALL=		-
_		SHARED EQUIPMENT 45 RU

WA

1 SHARED EQUIPMENT RACKS TA6.1 N.T.S.



— ON RACK SHELF

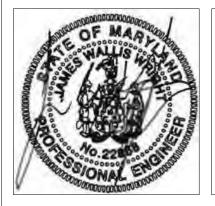
- ON RACK SHELF

— ON RACK SHELF

		T-	
	CONTROL PROCESSOR	+-	
	CLASSROOM B110/B112		ON RAC
PDUE			ON RAC
FDU =	CLASSROOM B110/B112 TV TUNER	+-	UN RAC
PDU=	CLASSROOM B110/B112		ON RAC
	TV TUNER	+-	
PDU=	CLASSROOM B110/B112		ON RAC
	TV TUNER	+-	
PDU=	CLASSROOM B110/B112		
PDU= PDU=	CLASSROOM B110/B112 CLASSROOM B110/B112	╎╺	ON RAC
FDUa	CONTROL PROCESSOR	+-	ON RAC
	CLASSROOM A134	+-	ON RAC
PDU=			ON RAC
	CLASSROOM A134 CONTROL PROCESSOR	+-	
	CLASSROOM B100		ON RAC
PDU=	CLASSROOM B100 CONTROL PROCESSOR	+-	ON RAC
	CLASSROOM B100		ON RAC
PDU=	CLASSROOM B100		ON RAC
	CONTROL PROCESSOR	+-	ON RAC
	CLASSROOM B102	+-	
PDU=			ON RAC
	CLASSROOM B102 CONTROL PROCESSOR	+-	
	CLASSROOM B106	+-	ON RAC
PDU=	CLASSROOM B106 CONTROL PROCESSOR	+-	ON RAC
	CLASSROOM B116	+-	ON RAC
PDU=	CLASSROOM B116	-	ON RAC
	CONTROL PROCESSOR CLASSROOM B119	 	ON RAC
	TV TUNER	+-	
PDU=	CLASSROOM B119		ON RAC
	CONTROL PROCESSOR SIMULATION LAB	+- _	ON RAC
PDU=	EXTENSION MODULE #1 EXTENSION MODULE #2		ON RAC
PDU=	SIMULATION LAB SIMULATION LAB		ON INC
PDU=	- EXTENSION MODULE #3 EXTENSION MODULE #4	4-	
PDU=	SIMULATION LAB SIMULATION LAB	·	ON RAC
PDU=	SIMULATION LAB		ON RAC
PDU=	PAGING SYSTEM		ON RAC
PDU=			
]	
	UPS POWER	+-	
WALL	SHARED EQUIPMENT		

45 RU

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REVISIONS MM-DD-YR NAME DESCRIPTION OF CHANGES

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CR	
RACK ELEVATION	PROJECT 3089
PLOT SCALE: FILENAME: DATE:	TA6.1
DECEMBER 18, 2019	

RACK SHELF ACK SHELF RACK SHELF

RACK SHELF RACK SHELF

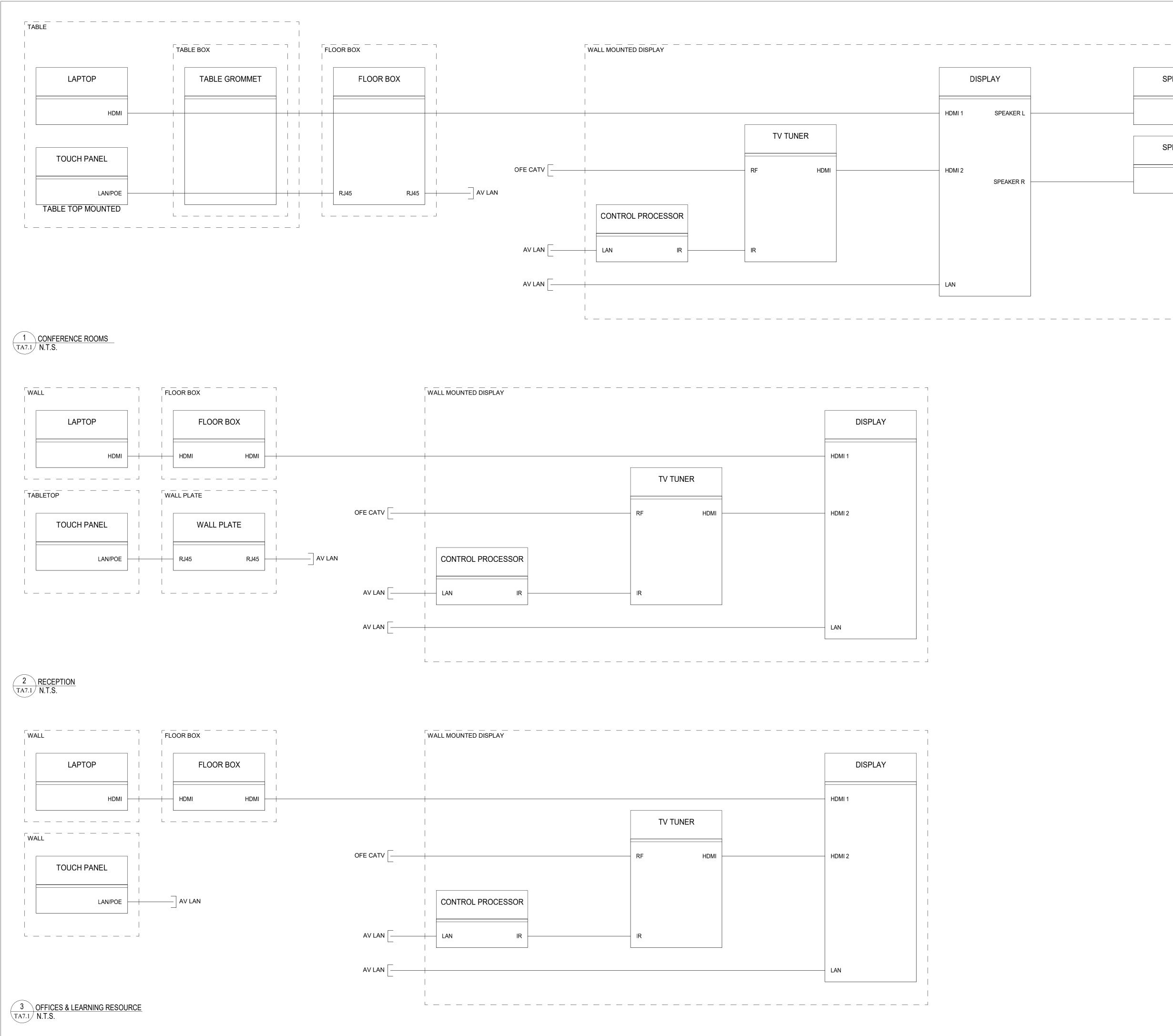
RACK SHELF RACK SHELF

RACK SHELF

RACK SHELF

RACK SHELF

RACK SHELF



			DISPLAY
			 HDMI 1
	TV	ΓUNER	
	RF	HDMI	 HDMI 2
SOR			
IR	IR		
			 LAN

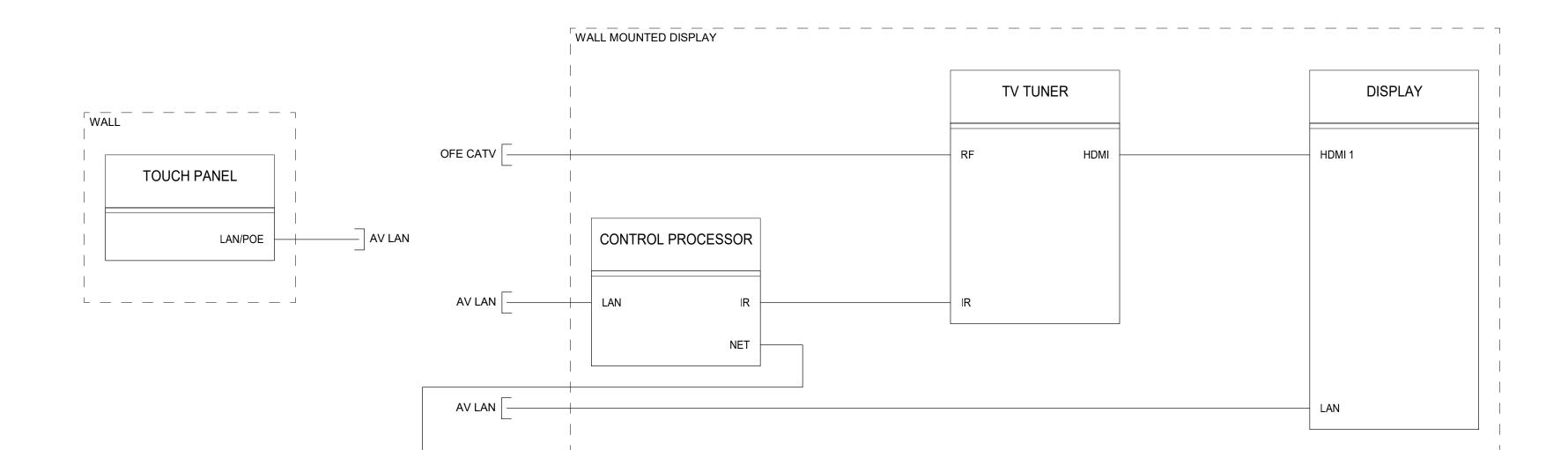
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	AUDIOVISUAL LOGICAL DIAGRAMS	PROJECT 3089
	PLOT SCALE: FILENAME: DATE: DECEMBER 18, 2019	TA7.1

SPEAKER

| t|

ΙE

SPEAKER



1 WEIGHT ROOM TA7.2 N.T.S.

OFE LAN BY TELECOM CONTRACTOR

2 LOBBY TA7.2 N.T.S.

AV LAN

RF

WALL MOUNTED DISPLAY

		TV TUNER	DISPLAY
		- RF HDMI	HDMI 1
	RS232 & IR INTERFACE		
	NET IR	 - IR	
AV LAN		 	 LAN

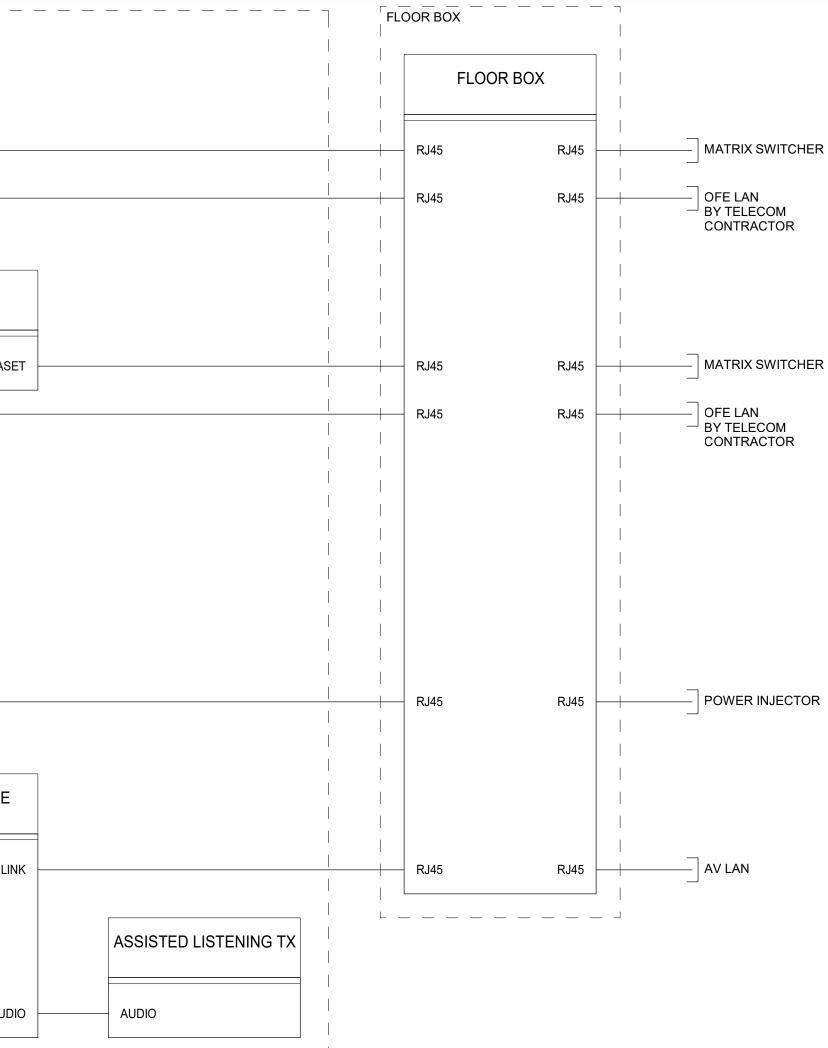
	UNTED DISPLAY
DISPLAY	IGNAGE PLAYER
HDMI	HDMI
LAN	

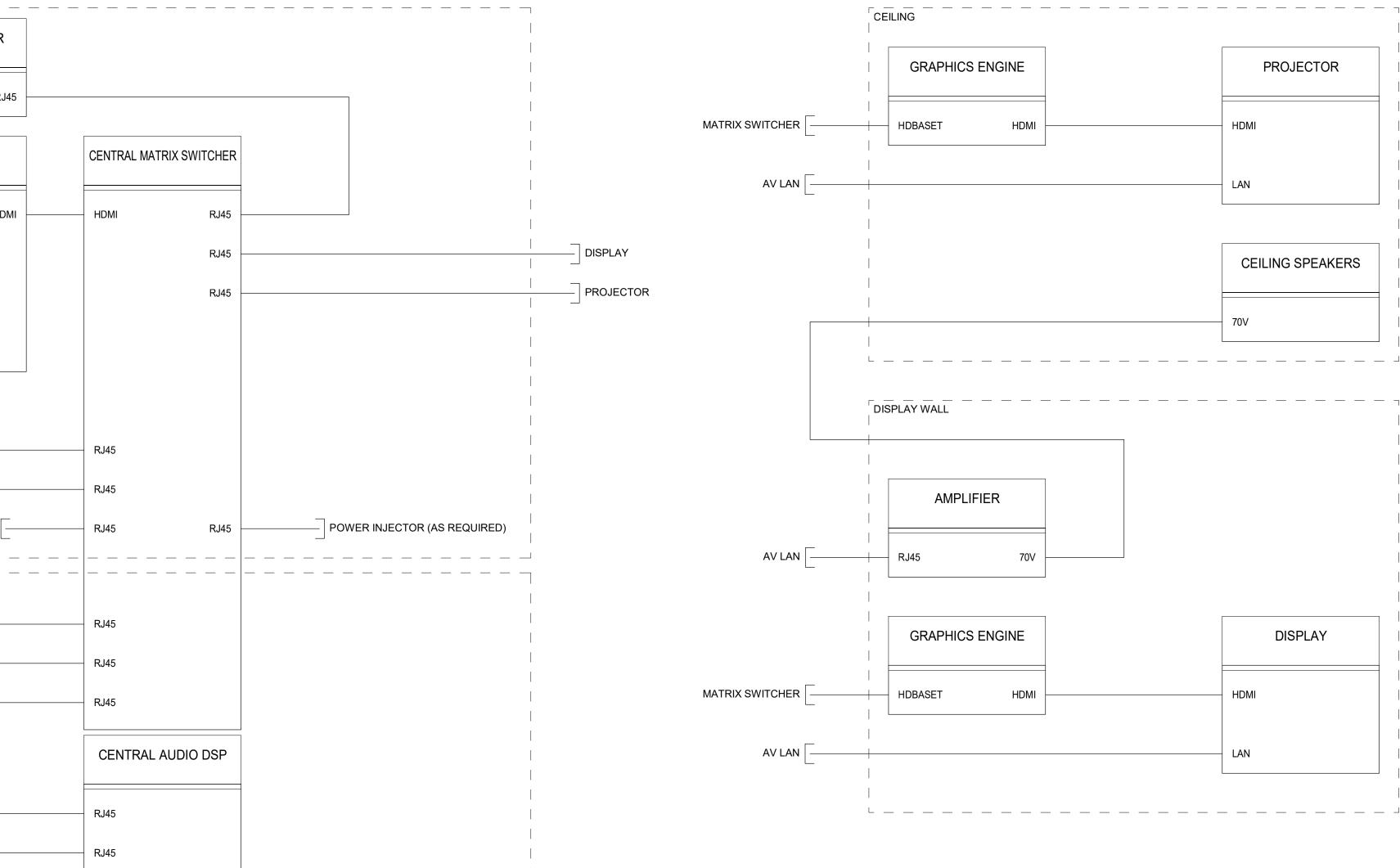
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FMA



					FLOOR BOX		
LAPTOP	LECTERN GROMMET	HDMI TX			FLOOR BO	X	
HDMI		HDMI HDBASET			RJ45	RJ45 -	
LAN					RJ45	RJ45 -	
OFE KEYBOARD		OFE PC	HDMI TX				
USB		USB HDMI	HDMI HDBASET		 RJ45	RJ45 -	
		LAN				RJ45 -	
OFE MOUSE							
USB		USB					
TOUCH PANEL							
LAN/POE					└────	RJ45 –	
MICROPHONE			AES67 INTERFACE				
AUDIO			AUDIO LINK		RJ45	RJ45 -	
WIRELESS HANDHELD MIC	ASSISTED LISTENING RX	WIRELESS MIC RX		ASSISTED LISTENING TX	· · · · · · · · · · · · · · · · · · ·]
		AUDIO		AUDIO			
WIRELESS LAVALIER MIC	ASSISTED LISTENING RX						
		TYPICAL CLASSROOM (SHARED RACK)	POWER INJECTOR				
			POE RJ45				
			TV TUNER	CENTRAL MATRIX SWITCHER			
	OFE CATV		RF HDMI	HDMI RJ45			
				RJ45			
		CONTROL PROCESSOR		RJ45			
	AV LAN		IR				
				— RJ45			
	PC HDMI TX			— RJ45			
			R INJECTOR (AS REQUIRED)	RJ45 RJ45	POWER INJECTOR (A	5 REQUIRE	ED)
		SINGLE SHARED CONNECTIONS (SHARED RACK)					
	AV LAN			RJ45			
	AV LAN (DANTE)			— RJ45 — RJ45			
	OFE LAN BY TELECOM CONTRACTOR						
				CENTRAL AUDIO DSP			
1 CLASSROOOMS TA7.3 N.T.S.	AV LAN			— RJ45			
	AV LAN (DANTE)			RJ45			
			· · ·				





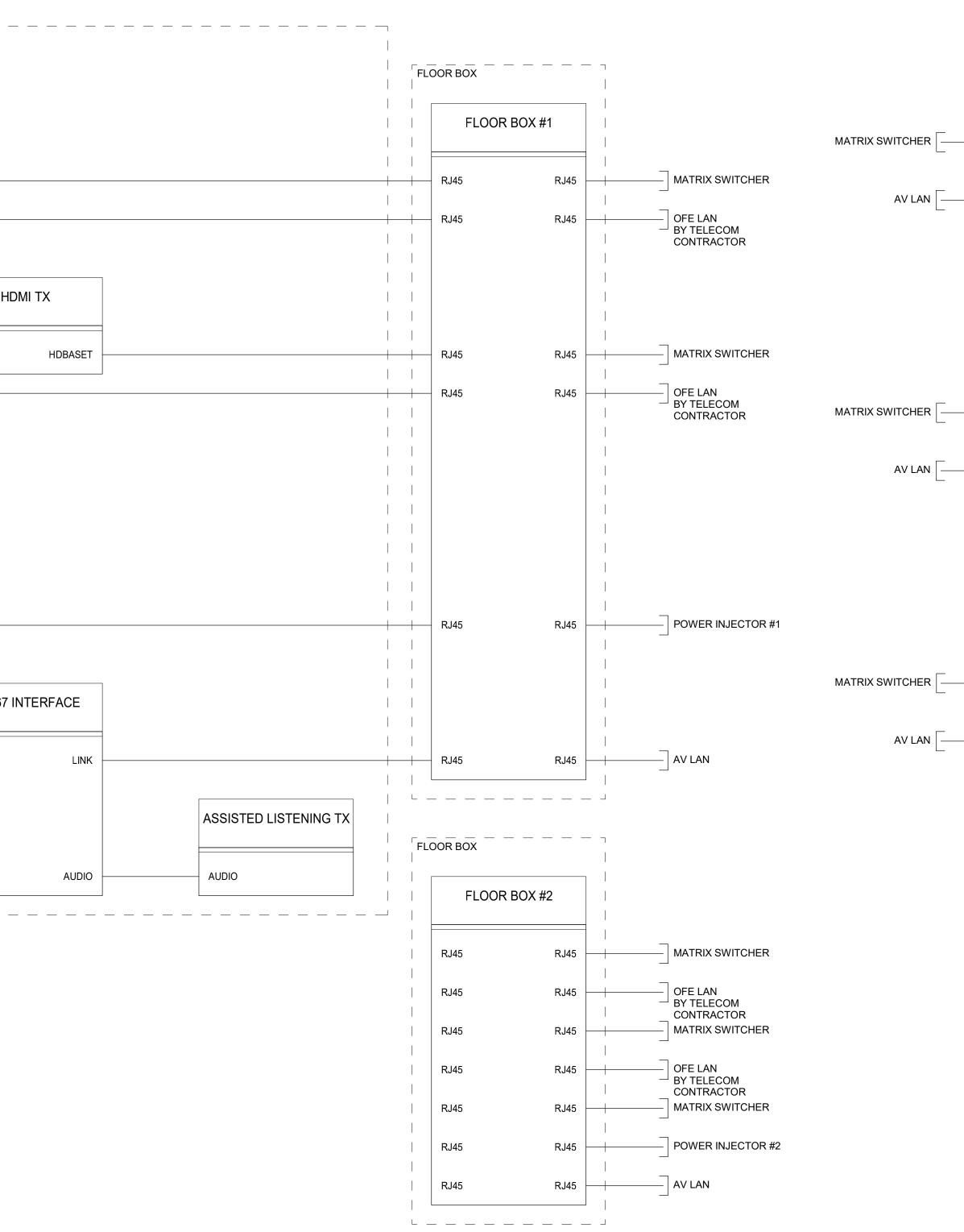
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AUDIOVISUAL LOGICAL DIAGRAMS PLOT SCALE: FILENAME:	ркојест 3089 ТА7.3
DATE: DECEMBER 18, 2019	1 /

	PROJECTOR
МІ	HDMI
	LAN
	CEILING SPEAKERS
	70V
]	
	DISPLAY
	DISPLAY

LAPTOP	LECTERN GROMMET	HD	MI TX	
HDMI		 HDMI	HDBASET	
LAN				
OFE KEYBOARD		OF	EPC	
USB		USB	HDMI	НD
			LAN	
OFE MOUSE				
USB		USB		
TOUCH PANEL				
LAN/POE				
MICROPHONE				
AUDIO				AU
/IRELESS HANDHELD MIC	ASSISTED LISTENING RX	WIRELE	SS MIC RX	
			AUDIO	AU
WIRELESS LAVALIER MIC	ASSISTED LISTENING RX			
L				
CAMERA #1				
	EXTENSION MODULE #1			
י ע				



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FMAR

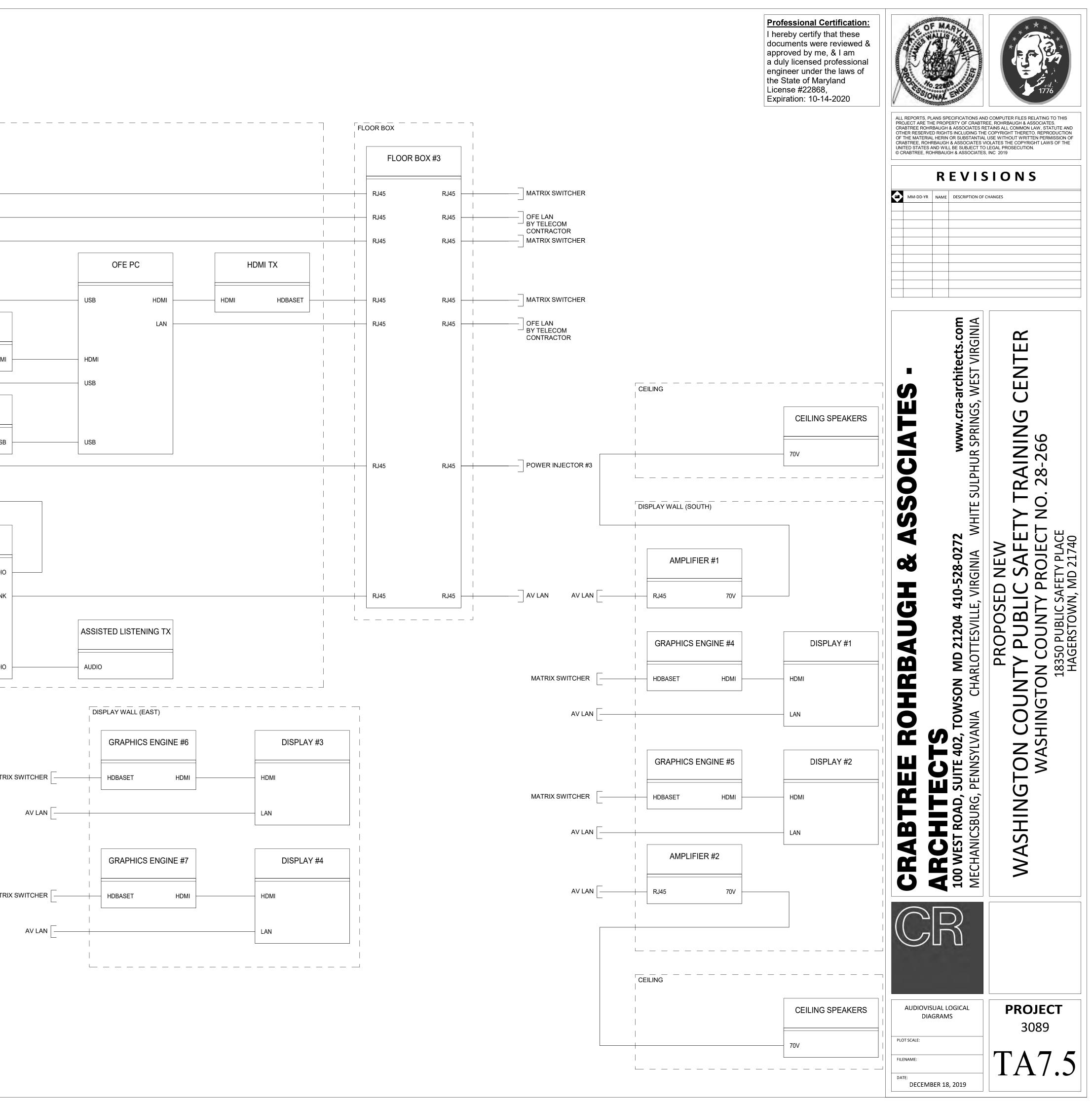
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CEILING		REVIS	
GRAPHICS ENGINE #1	PROJECTOR #1	MM-DD-YR NAME DESCRIPTION OF C	HANGES
HDBASET HDMI			
 -	LAN		
 		 itects.com ST VIRGINIA 	NTER
GRAPHICS ENGINE #2	PROJECTOR #2	a-archit S, WEST	CE
HDBASET HDMI	HDMI	ATES - www.cra-archit	S S
	LAN	SULPHUR S	RAINING 28-266
CEILING		SS WHITE	CT NO.
GRAPHICS ENGINE #3	PROJECTOR #3	H & . .0-528-02: Virginia	VEW SAFE SAFE SOJEC
HDBASET HDMI	HDMI	3H & A 410-528-0272 E, VIRGINIA	ED N IC SAFET N, MD
	LAN	AUG 21204 41 TTESVILLE,	PROPOSEI TY PUBLI(N COUNTY 18350 PUBLIC SA HAGERSTOWN,
		MD MD	PRO NTY PI ON COU 18350 PU HAGER
PARTITION SENSOR			N COUN ASHINGT
NET	CONTROL PROCESSOR	EEE RO ECTS SUITE 402, TO PENNSYLVANIA	ON O WASH
		ABTREI CHITEC VEST ROAD, SUIT VANICSBURG, PENN	ASHINGTO



DATE:

DECEMBER 18, 2019

 ECTERN TOP	۲ – – – – – – – – – – – – – – – – – – –				
LAPTOP	LECTERN GROMMET		HDMI TX		
HDMI			HDMI HDBASET		
LAN					
OFE KEYBOARD					
USB		 		\	
				RECI	EIVER
OFE MOUSE		 		LINK	HDM
USB					
TOUCH PANEL				USB B	BRIDGE
		 			USE
LAN/POE		 			
MICROPHONE				AES67 IN	ITERFACE
AUDIO				AUDIO	AUDIC
		 [LIN
WIRELESS HANDHELD MIC	ASSISTED LISTENING RX		WIRELESS MIC RX		
			AUDIO	AUDIO	AUDIC
WIRELESS LAVALIER MIC	ASSISTED LISTENING RX				
					MATE
CAMERA #2					
LAN/POE	EXTENSION MODULE #2				
					MATE
1 DIVISIBLE CLASSROOM B110 & B7 TA7.5 N.T.S.	12 (CONT.)				



		TYPICAL CLASSROOM (SHARED RACK)
TOUCH PANEL (FLOORBOX #1)		
TOUCH PANEL (FLOORBOX #1)		
TOUCH PANEL (FLOORBOX #2)		
	_	
TOUCH PANEL (FLOORBOX #3)		
OFE CATV		
		CONTROL PROCES
	—	
PARTITION SENSOR		NET
	_	
OFE CATV		
OFE CATV		
OFE CATV	Γ	
LAPTOP HDMI TX (FLOORBOX #1)		
PC HDMI TX (FLOORBOX #1)		
LAPTOP HDMI TX (FLOORBOX #2)		
PC HDMI TX (FLOORBOX #2)		
LAPTOP HDMI TX (FLOORBOX #3)		
PC HDMI TX (FLOORBOX #3)		
CAMERA #1		,
CAMERA #2		
AV LAN		SINGLE SHARED CONNECTIONS (SHARED RACK)
AV LAN (DANTE)		
		,
OFE LAN BY TELECOM CONTRACTOR	_	
	_	
AV LAN		
TA7.6 N.T.S. AV LAN (DANTE)		

		POWER INJECTOR #1					 	
		POE RJ45						
		POWER INJECTOR #2						
		POE RJ45				_		
		POWER INJECTOR #3						
							I I	
		POE RJ45	 _ _					
		TV TUNER #1		CENTRAL MATRIX SWI	TCHER			
		RF HDMI		HDMI	RJ45			
CESSOR					RJ45			
IR		IR			RJ45			
IR	TV TUNER #2				RJ45			
IR IR	TV TUNER #3	TV TUNER #2			RJ45			
IIX					RJ45		 	
CONTF		RF HDMI		HDMI	RJ45			
					RJ45			
		TV TUNER #3			RJ45			
		RF HDMI		HDMI	RJ45			
CONTE		IR						
		TV TUNER #4						
		- RF HDMI		HDMI				
CONTF		R						
				RJ45				
				RJ45				
				RJ45				
				RJ45				
		EXTENSION MODULE #1		RJ45				
		LINK HDMI		HDMI				
		EXTENSION MODULE #2						
		- LINK HDMI		HDMI				
: = = =	=======================================	POWER INJECTO	R (AS REQUIRED)	 − RJ45 ⊑ == == == == =	RJ45		(AS REQUIRED)	
				RJ45				
				RJ45				
				RJ45				
				CENTRAL AUDIO	DSP		 	
				RJ45				
				RJ45 			ا 	





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REVISIONS						
MM-DD-YR	NAME	DESCRIPTION OF CHANGES				

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CR	
AUDIOVISUAL LOGICAL DIAGRAMS	PROJECT 3089
PLOT SCALE: FILENAME: DATE: DECEMBER 18, 2019	TA7.6

GRAPHICS ENGINE #1 GRAPHICS ENGINE #2 GRAPHICS ENGINE #3 GRAPHICS ENGINE #4

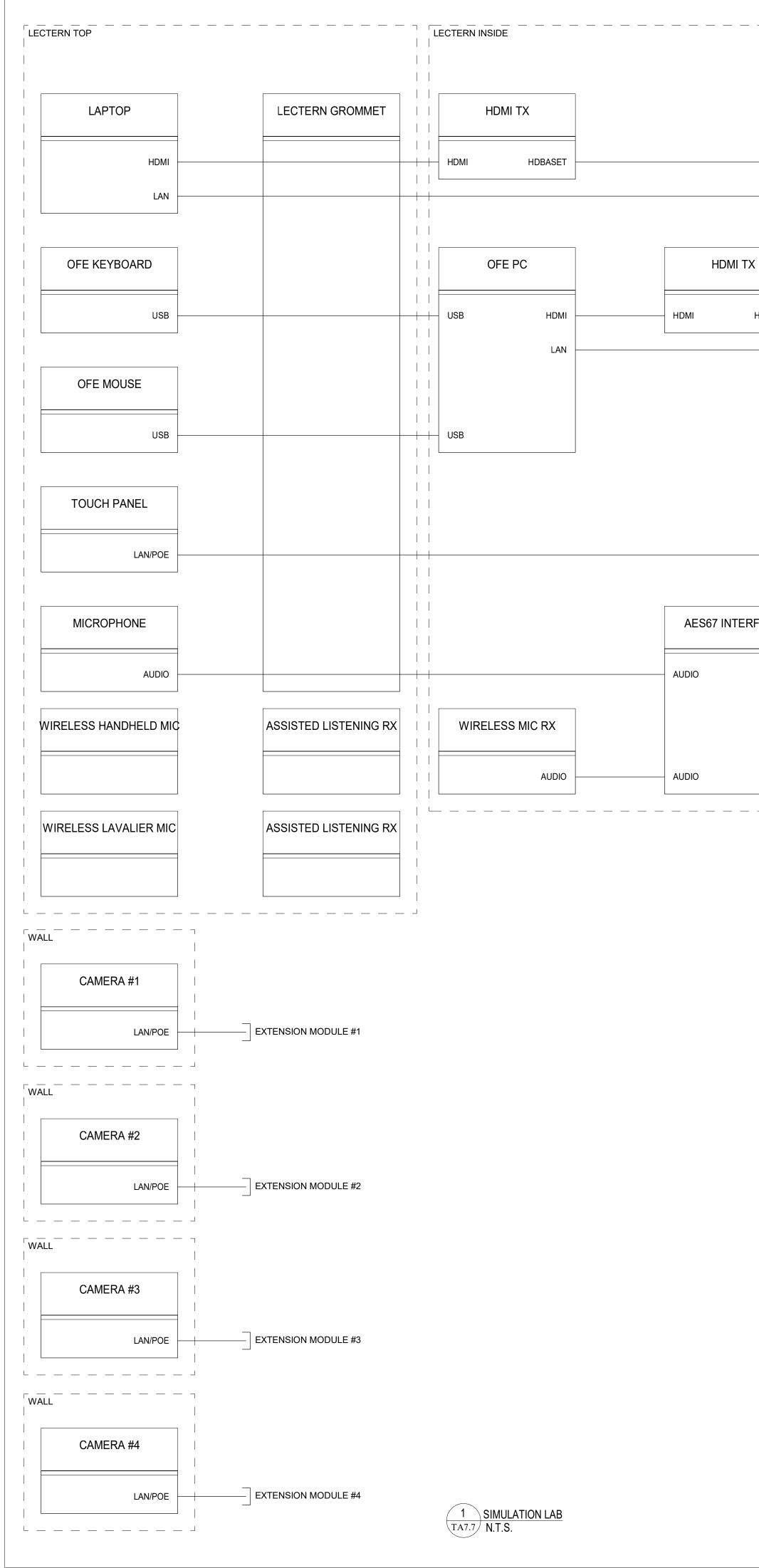
GRAPHICS ENGINE #5

GRAPHICS ENGINE #6

GRAPHICS ENGINE #7

PC (FLOORBOX #2)

PC (FLOORBOX #3)



			BOX #1	FLOOR			
		MATRIX SWITCHER	RJ45	 			
		OFE LAN BY TELECOM CONTRACTOR	RJ45	 			
GRAPHICS EN							X
HDBASET	MATRIX SWITCHER	MATRIX SWITCHER	RJ45			ASET	HDBASET
	AV LAN	OFE LAN BY TELECOM CONTRACTOR	RJ45	RJ45 			
CEILING							
GRAPHICS EN							
HDBASET	MATRIX SWITCHER	POWER INJECTOR #1	RJ45	 			
 	AV LAN					Œ	RFACE
		AV LAN	RJ45	 			LINK
CEILING					ASSISTED LISTENING TX		
GRAPHICS EN							
I	_				AUDIO		
HDBASET	MATRIX SWITCHER]			

CEILING

L_____

L_____

L_____ DISPLAY WALL AV LAN RJ45 GRAPHICS E MATRIX SWITCHER -HDBASET AV LAN -

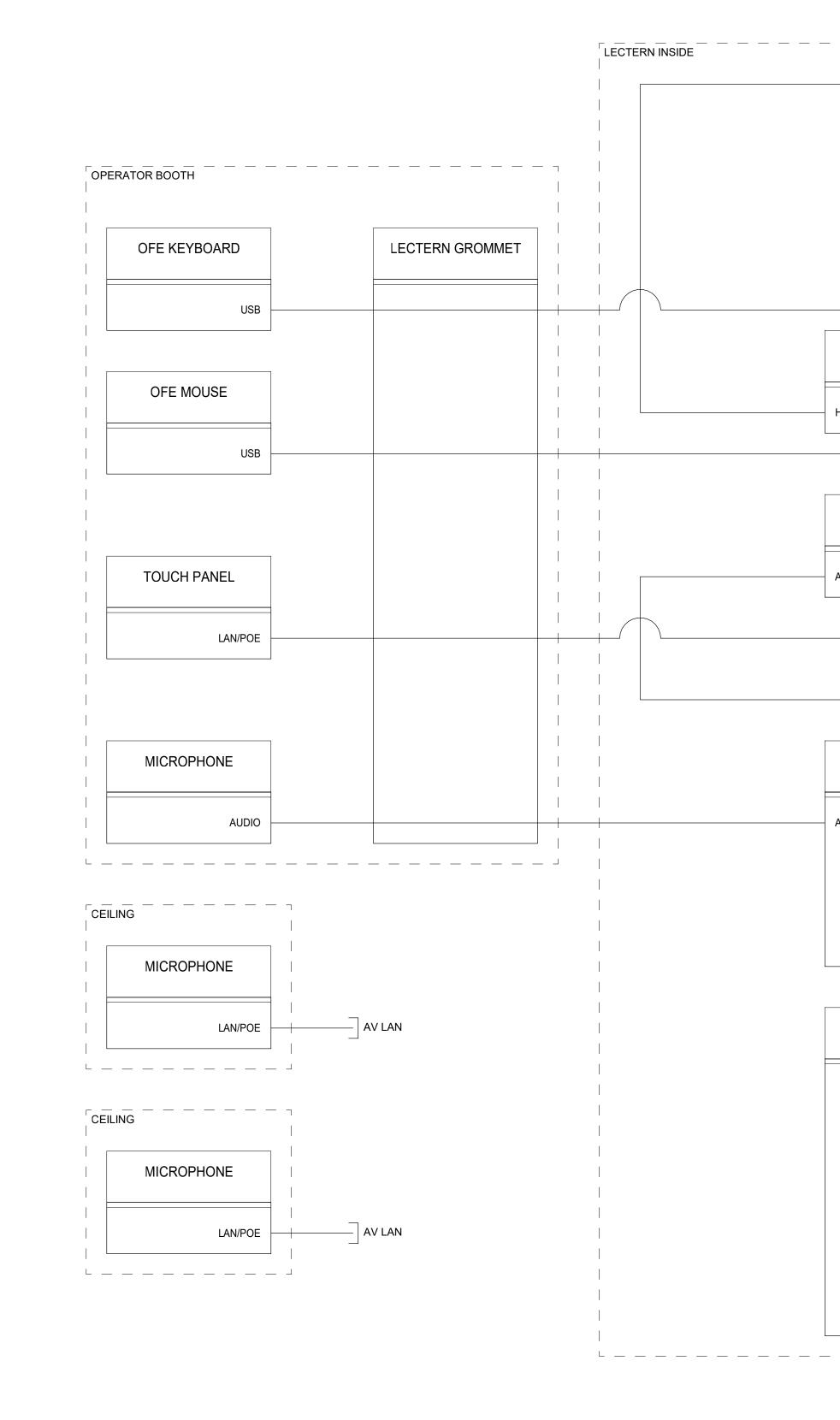
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The party

	engineer under the law the State of Maryland License #22868, Expiration: 10-14-2020	vs of	est. 1776
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		REVI	SIONS
PHICS ENGINE #1	PROJECTOR #1	MM-DD-YR NAME DESCRIPTION	OF CHANGES
ET HDMI	HDMI		
	LAN		
PHICS ENGINE #2	PROJECTOR #2	■ itects.com T VIRGINIA	NTER N
ET HDMI	HDMI	ATES - www.cra-archite	
	LAN	ATE www.cra-	ONIN 66
		SSOCI WHITE SULPHUR	TRAINING 10. 28-266
			NO. NO.
PHICS ENGINE #3	PROJECTOR #3		FET ACET
ET HDMI	HDMI	528-0	D NEW C SAFE PROJEC MD 21740
	LAN	AUGH & A 21204 410-528-0272 TESVILLE. VIRGINIA	SED SLIC NV, N
			PROPOSED NEW TY PUBLIC SAFE N COUNTY PROJEC 18350 PUBLIC SAFETY PLACE HAGERSTOWN, MD 21740
		CHARLO	
	CEILING SPEAKERS	AS T	
	70V	EEE RO ECTS SUITE 402, TOV	NASH VASH
AMPLIFIER		CRABTF ARCHIT 100 WEST ROAD, MECHANICSBURG.	ASH
70V			
PHICS ENGINE #4	DISPLAY	CR	
ET HDMI	HDMI		
	LAN	AUDIOVISUAL LOGICAL DIAGRAMS	PROJECT 3089
		PLOT SCALE:	
			TA7.7

DATE: DECEMBER 18, 2019



1 SIMULATION LAB (CONT.) TA7.8 N.T.S.

				FLOOR BOX
			 	FLOOR BOX #2
		OFE PC	HDMI TX	RJ45 F
		HDMI	HDMI HDBASET	
			HDMI TX	
RECEIVER		USB HDMI	- HDMI HDBASET	RJ45 F
HDBASET HDMI		HDMI		
		HDMI USB LAN	HDMI HDBASET	-++ RJ45 F ++ RJ45 F
USB BRIDGE		USB		
AES67 INTERFACE				
- AUDIO AUDIO				
LINK				 -++ RJ45 Ⅰ
70V				SPEAKER + + 70V
	 		 	L

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.OOR BOX #2	ר 		MM-DD-YR NAME		CHANGES
RJ45	MATRIX SWITCHER				
RJ45	 			E E	
RJ45] MATRIX SWITCHER 		с С Ш	www.cra-architects.com SPRINGS, WEST VIRGINIA	CENTER
RJ45	 			ww.cra - SPRINGS,	9 NG
RJ45	OFE LAN BY TELECOM CONTRACTOR		SSOCI	WHITE SULPHUR S	ry training No. 28-266
RJ45	 		HRBAUGH & A	SUITE 402, TOWSON MD 21204 410-528-0272 PENNSYLVANIA CHARLOTTESVILLE, VIRGINIA W	PROPOSED NEW OUNTY PUBLIC SAFE NGTON COUNTY PROJECT 18350 PUBLIC SAFETY PLACE HAGERSTOWN, MD 21740
RJ45	 		TREE RO	SUITE 402, TOW PENNSYLVANIA	TON C WASHI
RJ45	 			toad, BURG,	NI
	ר ר 		CRAB' ARCH	100 WEST ROAD, MECHANICSBURG,	WASHING
SPEAKER			CF		
			AUDIOVISUAL L DIAGRAM PLOT SCALE: FILENAME: DATE: DECEMBER 18	IS	ркојест ³⁰⁸⁹ ТА7.8

				TYPICAL CLASSROOM (SHARED RACK)		
		POWER INJECTOR #1	POWER IN			
		POE RJ45	POE		TOUCH PANEL (FLOORBOX #1)	
		POWER INJECTOR #2	POWER IN			
		POE RJ45	POE		TOUCH PANEL (FLOORBOX #2)	
	CENTRAL MATRIX SWITCHER	TV TUNER #1	TV TU			
	HDMI RJ45	RF HDMI	RF		OFE CATV	
	RJ45 - RJ45 -			CONTROL PROCESSOR		
	RJ45 -				AV LAN	
	RJ45 -	IR IR	IK	LAN IR		
	RJ45 -					
	— RJ45 RJ45 -				LAPTOP HDMI TX (FLOORBOX #1)	
	— RJ45				PC HDMI TX (FLOORBOX #1)	
	— RJ45 — RJ45				PC HDMI TX (FLOORBOX #2)	
	— RJ45				PC HDMI TX (FLOORBOX #2)	
		EXTENSION MODULE #1	EXTENSION			
	HDMI		LINK		CAMERA #1	
		EXTENSION MODULE #2	EXTENSION			
	HDMI	LINK HDMI			CAMERA #2	
		EXTENSION MODULE #3	EXTENSION			
	HDMI	LINK HDMI	LINK		CAMERA #3	
		EXTENSION MODULE #4	EXTENSION			
	HDMI	LINK HDMI	LINK		CAMERA #4	
POWER INJECTOR (AS REQ	— RJ45 RJ45 -	POWER INJECTOR (AS REQUIRED)	P			
				SINGLE SHARED CONNECTIONS (SHARED RACK)		
	— RJ45 — RJ45					
	RJ45				AV LAN (DANTE)	
					OFE LAN BY TELECOM CONTRACTOR	
	CENTRAL AUDIO DSP					
					AV LAN	
	— RJ45					

[
CENTRAL MA	ATRIX SWITCHEF
HDMI	RJ45
	RJ45
RJ45	RJ45
RJ45	
RJ45	
RJ45	
RJ45	
HDMI	
HDMI	
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HDMI	
D 145	D.1/2
RJ45 	RJ45 — — — —
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RJ45	

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	K	ΕΥΙΣΙΟΝΣ				
MM-DD-YR	NAME	DESCRIPTION OF CHANGES				

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18350 PUBLIC SAF HAGERSTOWN, N

www.cra-architects.com SULPHUR SPRINGS, WEST VIRGINIA

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SUITE 402, TOW PENNSYLVANIA

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AUDIOVISUAL LOGICAL DIAGRAMS

DECEMBER 18, 2019

PLOT SCALE:

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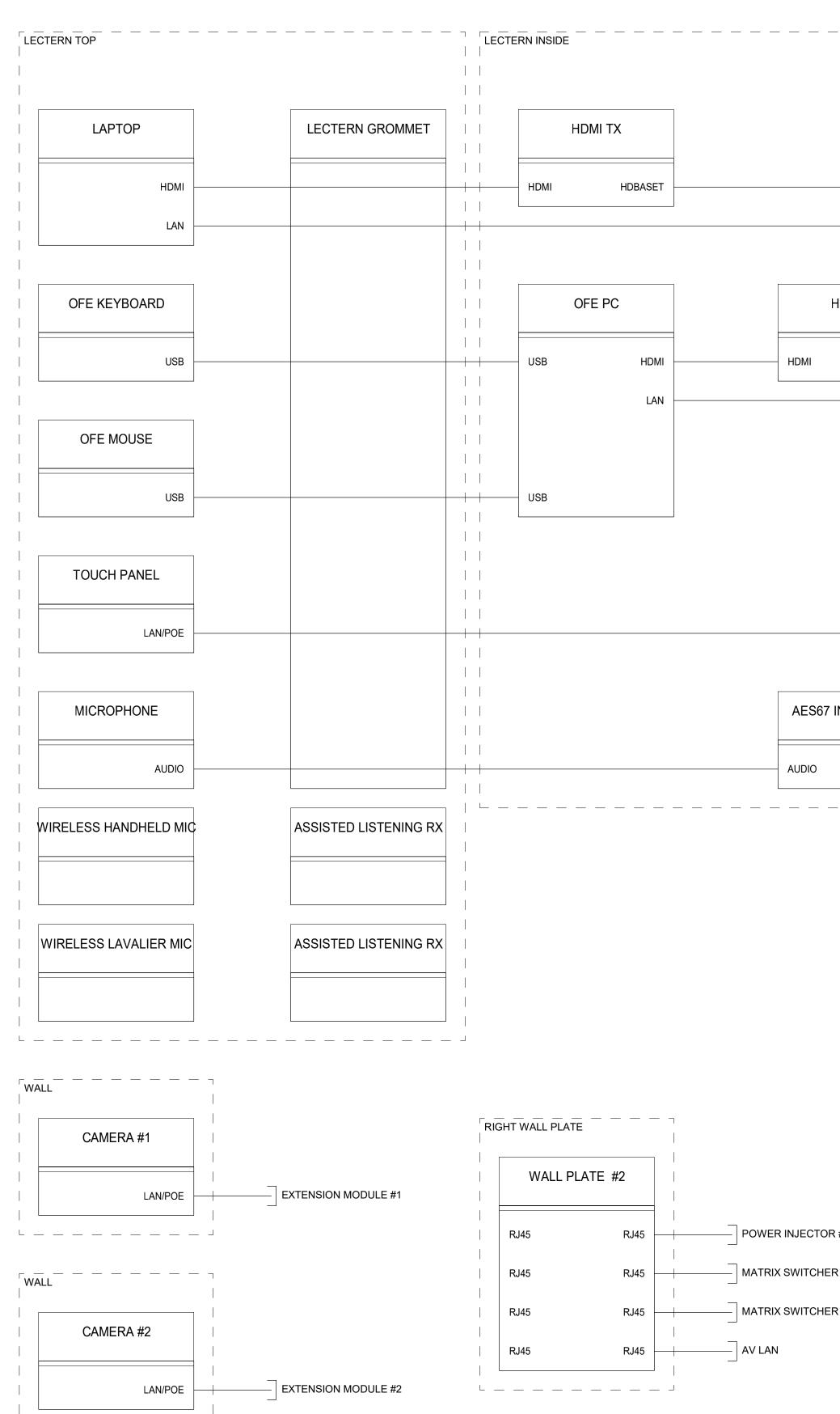
- GRAPHICS ENGINE #1

- GRAPHICS ENGINE #2

- GRAPHICS ENGINE #3

- GRAPHICS ENGINE #4

— PC (FLOORBOX #2)



1 MULTI-PURPOSE ROOM TA7.10 N.T.S.

	 	NT FLOOR BOX	· — — – – –
		FLOOR BOX	(#1
		RJ45	RJ45
		RJ45	RJ45
HDMI TX			
HDBASET		RJ45	RJ45
		RJ45	RJ45
		RJ45	RJ45
		RJ45	RJ45

AES67 INTERFACE #1

LINK

		RJ45	RJ45	- MATRIX SWITCHER	
		RJ45	RJ45	OFE LAN BY TELECOM CONTRACTOR	AV LAN
		RJ45	RJ45	MATRIX SWITCHER	
		D. M.C.			
		RJ45	RJ45	 OFE LAN BY TELECOM CONTRACTOR 	
		RJ45	RJ45	AV LAN	
				_	_
		RJ45	RJ45	POWER INJECTOR #1	AV LAN
				7	
	+	RJ45	RJ45	AV LAN	
	L _				

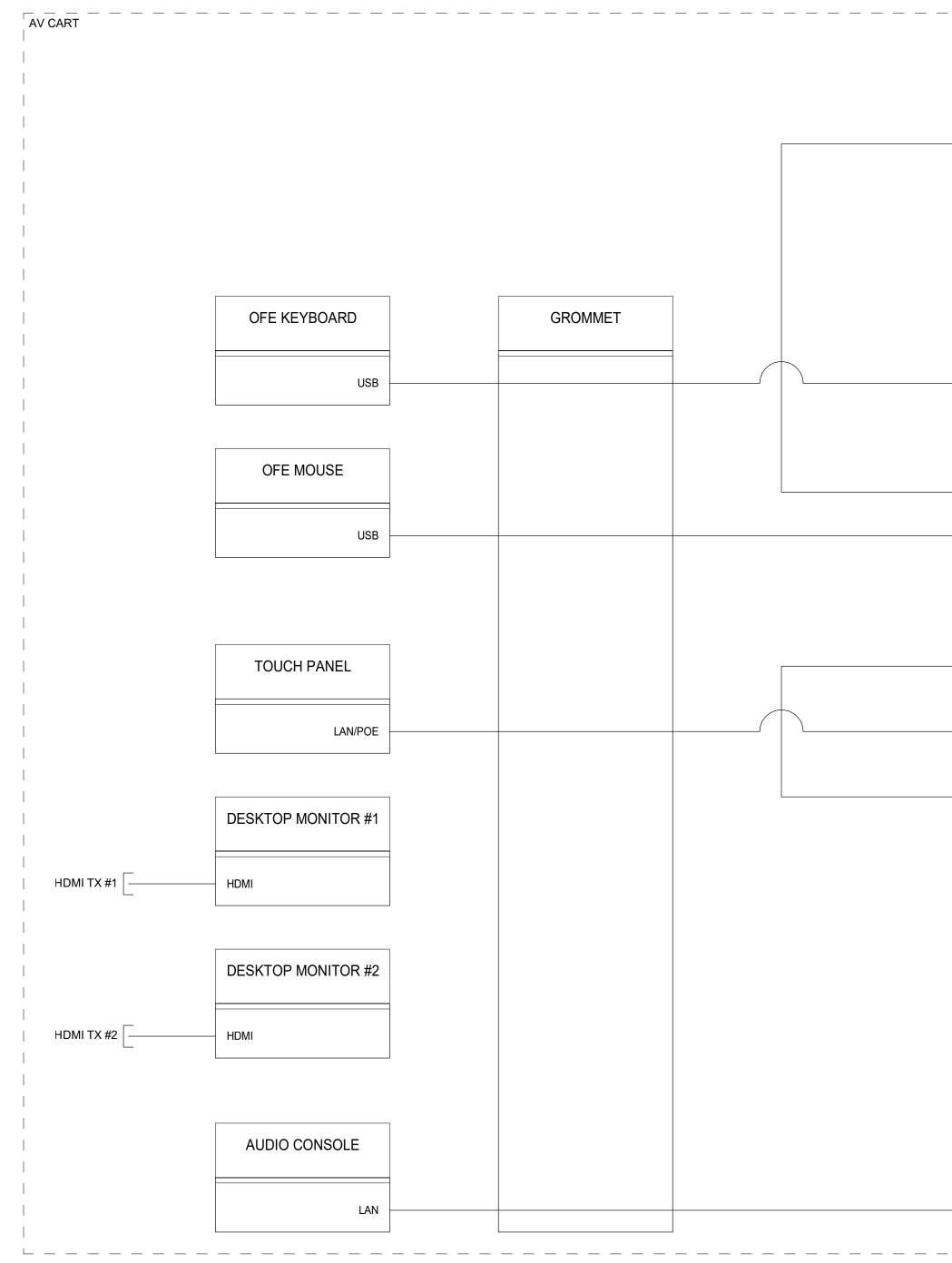
LE	FT WALL PLAT	— — — — – – – – – – – – – – – – – – – –
	WALL F	PLATE #1
OR #4	RJ45	RJ45
HER	RJ45	RJ45
HER	RJ45	RJ45
	RJ45	RJ45

POWER INJECTOR #3
MATRIX SWITCHER
MATRIX SWITCHER
AV LAN

WIRELESS MIC RX	CENTRAL	AUDIO DSP	
AUDIO	AUDIO	AUDIO	
AUDIO	AUDIO		
AUDIO	AUDIO		
AUDIO	AUDIO		
ANT A			
ANT B			

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		UNITED STATES AND WILL BE SUBJECT TO L © CRABTREE, ROHRBAUGH & ASSOCIATES, I REVIS	INC 2019
RECEIVER #1	PROJECTOR #1	MM-DD-YR NAME DESCRIPTION OF CH	
HDBASET HDMI	- HDMI		
 	- LAN		
WIRELESS MIC ANTENNA #1			
		MP NP	
+ ANT		ects.com	ENTER
CEILING		S - archit	
RECEIVER #2	PROJECTOR #2	ATES - www.cra-architects.com	TRAINING (0. 28-266
HDBASET HDMI	- HDMI		8-26(
 	- LAN	SOCI TE SULPHUR	Y TR/ NO. 28
WIRELESS MIC ANTENNA #2		N HI	
ANT		H & A 10-528-0272 , VIRGINIA	D NE C S/ PRO MD 2
			POSE UBLI UNTY UNTY STOWN
		IRBAUG	
		RB/ N MD HARLOT	WASHINGTON COUNTY WASHINGTON (WASHINGTON (
		EEE RO ECTS SUITE 402, TOV PENNSYLVANIA	ON COU WASHING
			0 Z X X
ASSISTED LISTENING TX		AD, SU JRG, PE	Ŭ Z
AUDIO	 	AB CH EST RO ANICSBL	SHI
		CRABTREE ROHRBAU ARCHITECTS 100 WEST ROAD, SUITE 402, TOWSON MD 21204 MECHANICSBURG, PENNSYLVANIA CHARLOTTESVILI	A
	WIRELESS MIC ANTENNA #1	CR	
		AUDIOVISUAL LOGICAL DIAGRAMS	PROJECT
		PLOT SCALE:	3089
		FILENAME: DATE: DECEMBER 18, 2019	ГА7.10

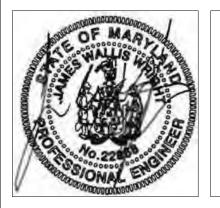
1 MULTI-PURPOSE ROOM (CONT.) TA7.11 N.T.S.



	OFE PC	HDMI TX #	‡ 1	
	HDMI	HDMI	HDBASET	
			HDMI	DESKTOP MONITOR
	USB	HDMI TX #	ŧ2	
RECEIVER	HDMI	HDMI	HDBASET	
 LINK HDMI	HDMI		HDMI	DESKTOP MONITOR
	USB			
USB BRIDGE	LAN			
 - AUDIO USB	USB			

AES67 INTE	ERFACE #2
AUDIO	AUDIO
AUDIO	LINK

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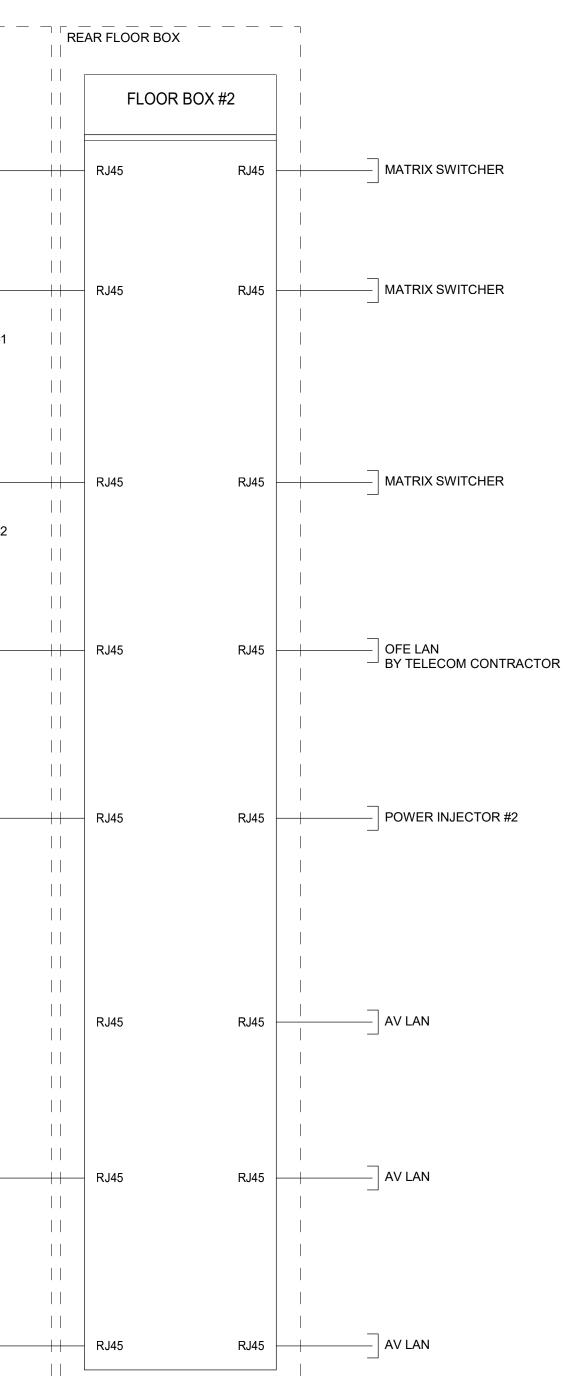


MM-DD-YR NAME DESCRIPTION OF CHANGES



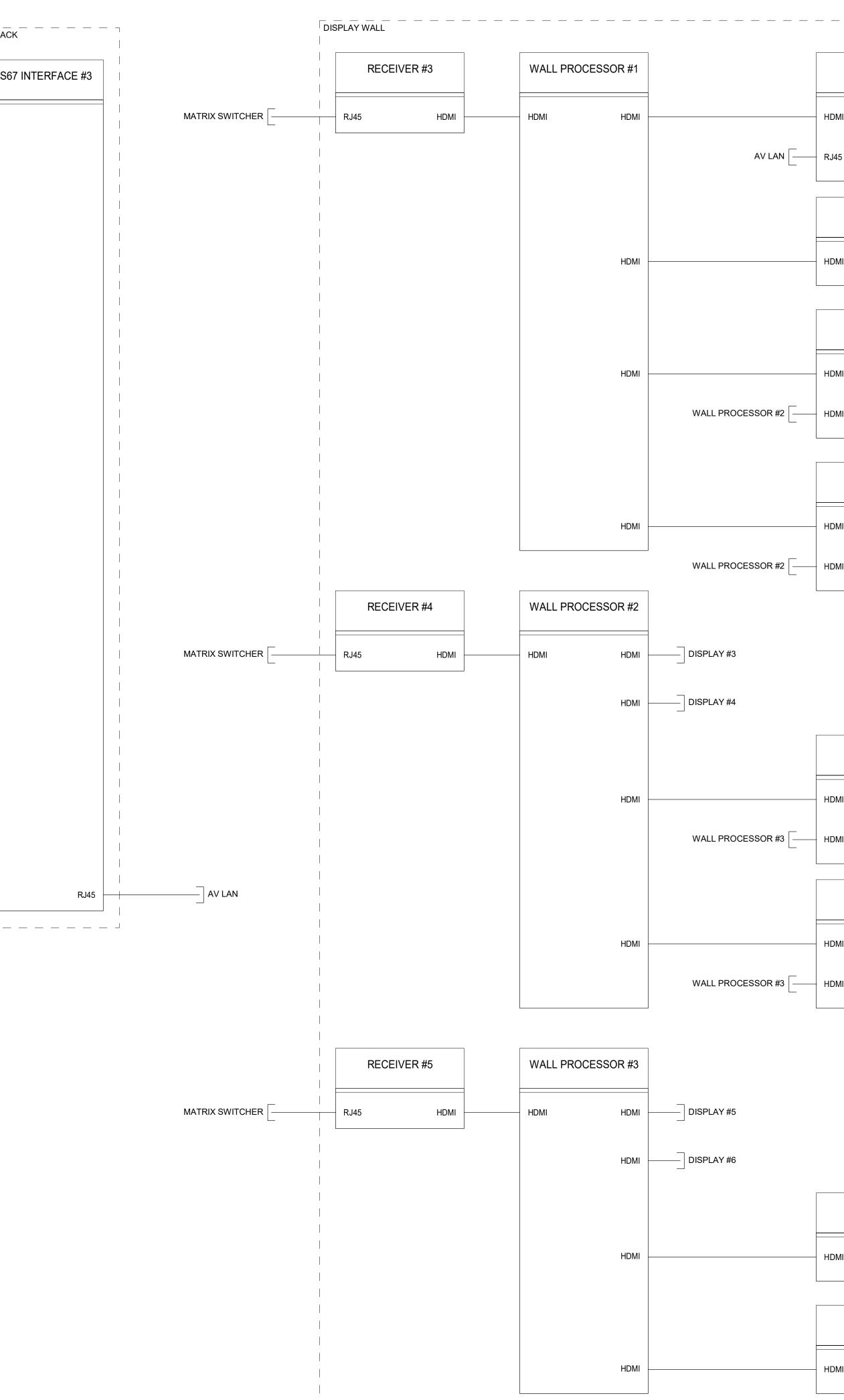
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REVISIONS





ABLE TOP		STAGE BOXES	STA
GOOSENECK MIC #1	MICROPHONE BASE #1	FLOOR PASS THROUGH	
AUDIO	AUDIO AUDIO		
GOOSENECK MIC #2	MICROPHONE BASE #2		
AUDIO	AUDIO AUDIO		
GOOSENECK MIC #3	MICROPHONE BASE #3		
AUDIO	AUDIO AUDIO		
GOOSENECK MIC #4	MICROPHONE BASE #4		
AUDIO	AUDIO AUDIO		
GOOSENECK MIC #5	MICROPHONE BASE #5		
AUDIO	AUDIO		
GOOSENECK MIC #6	MICROPHONE BASE #6		
AUDIO	AUDIO AUDIO		
GOOSENECK MIC #7	MICROPHONE BASE #7		
AUDIO	AUDIO		
GOOSENECK MIC #8	MICROPHONE BASE #8		
AUDIO	AUDIO		
GOOSENECK MIC #9	MICROPHONE BASE #9		
AUDIO	AUDIO		
WIRELESS HANDHELD MIC	WIRELESS LAVALIER MIC		L
WIRELESS HANDHELD MIC	WIRELESS LAVALIER MIC		
WIRELESS HANDHELD MIC	WIRELESS LAVALIER MIC		
		CEILING	
PAGING GATEWAY	PAGING AMPLIFIER		S I
AUDIO	IN 70V		



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DISPLAY #1	a duly licensed profess engineer under the law the State of Maryland License #22868,	sional	est.
HDMI	Expiration: 10-14-2020	ALL REPORTS, PLANS SPECIFICATIONS AT PROJECT ARE THE PROPERTY OF CRABT	REE, ROHRBAUGH & ASSOCIATES.
RJ45		CRABTREE ROHRBAUGH & ASSOCIATES F OTHER RESERVED RIGHTS INCLUDING TH	ETAINS ALL COMMON LAW, STATUTE AND E COPYRIGHT THERETO. REPRODUCTION L USE WITHOUT WRITTEN PERMISSION OF VIOLATES THE COPYRIGHT LAWS OF THE D LEGAL PROSECUTION.
DISPLAY #2			SIONS
HDMI		MM-DD-YR NAME DESCRIPTION OF	CHANGES
DISPLAY #3			
HDMI			
HDMI			
DISPLAY #4		SOCIATES - www.cra-architects.com sulphur Springs, WEST VIRGINIA	CENTER
HDMI		LE Cra-al VGS, V	
HDMI		RIN SPRIN	NIN 99
		ASS WHITE	EW AFETY TRAINING DJECT NO. 28-266 PLACE 21740
DISPLAY #5		IRBAUGH & A ON MD 21204 410-528-0272 CHARLOTTESVILLE, VIRGINIA	N O N O N O N O N O N O N O N O N O N O
HDMI			POSEI JBLI(JNTY JNTY JNTY JNTY JNUTY TOWN,
HDMI		AU 0 2120	PROPOSI TY PUBL NN COUNT 18350 PUBLIC HAGERSTOWI
DISPLAY #6		REE ROHRBAU ECTS SUITE 402, TOWSON MD 21204 PENNSYLVANIA CHARLOTTESVIL	
HDMI		S S	ON COUN WASHINGTO
HDMI		CRABTREE RO CRABTREE RO ARCHITECTS 100 WEST ROAD, SUITE 402, TOV MECHANICSBURG, PENNSYLVANIA	N O ASH
			-
		ITE ITE oad, s ^{Burg, p}	WASHING
		CRABTA ARCHIT 100 WEST ROAD, MECHANICSBURG,	ASF
		D D D D D D D D D D D D D D D D D D D	\geq
DISPLAY #7			
HDMI		GR	
DISPLAY #8			
HDMI		AUDIOVISUAL LOGICAL DIAGRAMS	PROJECT 3089
		PLOT SCALE: FILENAME: DATE: DATE:	TA7.12
		DECEMBER 18, 2019	

		SHARED RACK		POWER INJECTOR #1	
TOUCH PANEL (FLOORBOX #1)				LINK RJ45	
				POWER INJECTOR #2	
TOUCH PANEL (FLOORBOX #2)				LINK RJ45	
				POWER INJECTOR #3	
TOUCH PANEL (WALLPLATE #1)				POE RJ45	
				POWER INJECTOR #4	
TOUCH PANEL (WALLPLATE #2)		 		POE RJ45	
				TV TUNER #1	
OFE CATV				RF HDMI	
		CONTROL PROCESSOR			
AV LAN	Γ	LAN IR		IR	
LAPTOP HDMI TX (FLOORBOX #1)					
PC HDMI TX (FLOORBOX #1)	_				
LAPTOP HDMI TX (WALL PLATE #1)					
PC HDMI TX (WALL PLATE #1)					
LAPTOP HDMI TX (WALL PLATE #2)					
PC HDMI TX (WALL PLATE #2)					
PC HDMI TX (FLOORBOX #2)					
PC HDMI TX (FLOORBOX #2)					
	_			EXTENSION MODULE #1	
CAMERA #1				LINK HDMI	
				EXTENSION MODULE #2	
CAMERA #2		 		LINK HDMI	
				OFE PC	
				HDMI	
				HDMI	
				GRAPHICS ENGINE #3	
		 	IATRIX SWITCHER	HDMI HDMI	
			AV LAN	RJ45	
				POWER INJECTO	R (AS REQUIRED)
AV LAN	Γ	SINGLE SHARED CONNECTIONS (SHARED RACK)			
AV LAN (DANTE)					
OFE LAN BY TELECOM CONTRACTOR					
AV LAN					
AV LAN (DANTE)					

