TECHNOLOGY ABBREVIATION	J.S				TECHNOLOGY SYI	MROLSIF	GEND	(THIS IS A MASTER LEC	GEND, NOT ALL SYMBOLS MAY APPEAR ON DRAWINGS
GENERAL			GENERAL		TECHNOLOGY DEVICES		TECHNOLOGY DEVICES	-	TELECOM BUILDING RISER
# NUMBER JB JUNCTION BOX			SYMBOL DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
+18" MOUNTING HEIGHTS ARE TO CENTERLINE OF DEVICE ABOVE FINISHED FLOOR OR FINISHED GRADE KO KNOCK OUT			OH — NEW WORK □H EXISTING WORK TO REMAIN	Ø	FLOOR BOX / FLOOR POKE-THRU DEVICE / FLOOR CONDUIT STUB		ACCESS PANEL	COPPER C	48 - PORT COPPER PATCH PANEL, RACK MOUNT
AC ALTERNATING CURRENT LV LOW VOLTAGE ADA AMERICAN WITH DISABILITIES ACT			©∺ EXISTING WORK TO BE REMOVED (DEMO)	⊕	WALL JUNCTION BOX		LARGE JUNCTION BOX	OPTICAL O	48 - PORT OPTICAL FIBER PANEL, RACK MOUNT
ADA AMERICAN WITH DISABILITIES ACT AFC ABOVE FINISHED CEILING AFF ABOVE FINISHED FLOOR M, MIC MICROPHONE			BELOW FLOOR OR GRADE	0	CEILING JUNCTION BOX		CABLE BASKET - REFER TO PLANS FOR SIZE	110	110 - STYLE PUNCHDOWN BLOCK, WALL MOUNT
AFG ABOVE FINISHED GRADE M, MTR MOTOR AHJ AUTHORITY HAVING JURISDICTION MAX MAXIMUM			# CONDUIT RISER - DETAIL # / SHEET #		FLOOR TELECOM OUTLET			**** TMGB ****	TELECOM MAIN GROUNDING BUSBAR (TMGB), WALL MOUNT
ARCH ARCHITECT MFR MANUFACTURER AV AUDIOVISUAL MIN MINIMUM AVC AUDIOVISUAL CONTRACTOR MISC MISCELLANEOUS			RISER	▼	WALL TELECOM OUTLET		CABLE RUNWAY - REFER TO PLANS FOR SIZE	one TGB one	TELECOM GROUNDING BUSBAR (TGB), WALL MOUNT
AVC AUDIOVISUAL CONTRACTOR MISC MISCELLANEOUS AWG AMERICAN WIRE GAUGE NA NOT APPLICABLE			T### # ELEVATION SYMBOL - DETAIL # / SHEET #	•	CEILING TELECOM OUTLET		CONDUIT - REFER TO PLANS FOR SIZE	4	PRIMARY CABLE PROTECTION, WALL MOUNT
B BURIED NEC NATIONAL ELECTRI BD BLACK DROP NEMA NATIONAL ELECTRI		RERS			FLOOR POWER CIRCUIT	(FB)	CONDUIT - RESERVED FOR FIBER BACKBONE		CATV HEAD END EQUIPMENT
BLDG BUILDING ASSOCIATION BET BUILDING ENTRANCE TERMINAL NIC NOT IN CONTRACT			# #		FLOOR POWER DUPLEX RECEPTACLE	(B)	CONDUIT - RESERVED FOR COPPER BACKBONE	00000	CATV TAP
C CONDUIT CA CABLE PR PROJECTOR			SECTION SYMBOL - DETAIL # / SHEET #		FLOOR POWER DOUBLE DUPLEX RECEPTACLE	(1)	CONDUIT - RESERVED FOR HORIZONTAL CABLING		CONDUIT - REFER TO PLANS FOR SIZE
CAB CABINET PRS PROJECTION SCRE CH CASE HEIGHT	.EN		TECHNOLOGY TAG DESIGNATIONS	⊕ =	WALL POWER CIRCUIT	۩	CONDUIT - RESERVED FOR FUTURE	00	CONDUIT - REFER TO PLANS FOR SIZE
CW CASE WIDTH OC ON CENTER CD CASE DEPTH OFCI OWNER FURNISHEI			DISPLAY TYPE] ←	WALL POWER DUPLEX RECEPTACLE	<u></u>	CONDUIT - RESERVED FOR SECURITY		
CAT CATALOG OFOI OWNER FURNISHEI CATV CABLE TELEVISION CCTV CLOSED CIRCUIT TELEVISION QTY QUANTITY	OTHER INSTALLE	<u>-</u> D	NUMBER DESIGNATES	₩	WALL POWER DOUBLE DUPLEX RECEPTACLE		FIRE RATED ASSEMBLY		
CL CENTERLINE CLG CEILING REQ'D REQUIRED			THE DISPLAY TYPE 2	•	CEILING POWER CIRCUIT		BUILDING ENTRANCE TERMINAL	A	_ UDIOVISUAL ROOM RISERS
RHAFF BOTTOM OF ROLLE EMT ELECTRIC METALLIC TUBING FINISHED FLOOR		E	(REFER TO THE DISPLAY TYPE LEGEND FOR MORE INFORMATION)	⊜	CEILING DUPLEX RECEPTACLE		CATV TAP	SYMBOL	DESCRIPTION
EC ELECTRICAL CONTRACTOR RGS RIGID GALVANIZED EST ESTIMATE EQUIP EQUIPMENT SCC STRUCTURED CABLE			PROJECTION TYPE	_ ⊕	CEILING DOUBLE DUPLEX RECEPTACLE		GROUNDING BUSBAR	N A O	AN AUDIOVISUAL DEVICE WHICH CONTAINS A
EXIST, (E) EXISTING SC SECURITY CONTRA			LETTER DESIGNATES THE PROJECTION —— (A)		CEILING LOUDSPEAKER BY AV CONTRACTOR - SHOWN		MAIN GROUNDING BUSBAR		POWER RECEPTACLE AND A TELECOM OUTLET
FACP FIRE ALARM CONTROL PANEL TYP TYPICAL FPD FLAT PANEL DISPLAY			THE PROJECTION — (A) SCREEN TYPE	S #	FOR COORDINATION PURPOSES ONLY. EXACT LOCATION TO BE COORDINATED BY THE AV CONTRACTOR. SUBSCRIPT NUMBER DESIGNATES THE SPEAKER ZONE.		ELECTRICAL / SECURITY PANEL	Α	AUDIOVISUAL JUNCTION BOX
UG UNDERGROUND HH HANDHOLE UNO UNLESS NOTED OT UPS UNINTERRUPTIBLE			(REFER TO THE PROJECTION SCREEN TYPE LEGEND FOR MORE INFORMATION)		CEILING AV CAMERA BY AV CONTRACTOR - SHOWN FOR		TERMINATION BLOCK - 66 STYLE	N	TELECOM JUNCTION BOX
IH IMAGE HEIGHT UTP UNSHIELDED TWIST HAF BOTTOM OF IMAGE HEIGHT ABOVE FINISHED FLOOR			TELECOM DESIGNATORS] ©	COORDINATION PURPOSES ONLY. EXACT LOCATION TO BE COORDINATED BY THE AV CONTRACTOR.		TERMINATION BLOCK - 66 STYLE TERMINATION BLOCK - 110 STYLE		
IW IMAGE WIDTH WP WEATHER-PROOF			SYMBOL DESIGNATES	(M)	CEILING AV MICROPHONE BY AV CONTRACTOR - SHOWN FOR COORDINATION PURPOSES ONLY. EXACT LOCATION				POWER DESIGNATIONS
GC GENERAL CONTRACTOR XP EXPLOSION PROOF			N-NUMBER DESIGNATES FLOOR, WALL OR CEILING V		TO BE COORDINATED BY THE AV CONTRACTOR. FLAT PANEL DISPLAY BY AV CONTRACTOR - SHOWN FOR		VERTICAL CABLE MANAGER		CONDUIT STUB
TECHNOLOGY SPECIFIC			BOX-TYPE & N2A CABLE PULL TYPE MOUNTING STYLE		COORDINATION PURPOSES ONLY. REFER TO DETAIL SHEETS FOR MORE INFORMATION.		RACK - 2 POST	\sim	FLEXIBLE CONDUIT RUN
J# AV JUNCTION BOX F#(P#) FLOOR BOX W/ AV $^{\prime}$ N# TELECOM JUNCTION BOX F#(N#,P#) FLOOR BOX W/ AV,	TELECOM AND PO	OWER	(REFER TO THE TELECOM CABLING LEGEND FOR MORE INFORMATION)		PROJECTOR BY AV CONTRACTOR - SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO DETAIL		RACK - 4 POST		LHOOK
P# POWER OUTLET PT# FLOOR POKE-THRU J#(N#) JUNCTION BOX W/ AV AND TELECOM PT#(N#) FLOOR POKE-THRU J#(P#) JUNCTION BOX W/ AV AND POWER PT#(P#) FLOOR POKE-THRU	J DEVICE W/ TELEC		VERTICAL PLACEMENT	」	SHEETS FOR MORE INFORMATION.				J-HOOK
J#(P#) JUNCTION BOX W/ AV AND POWER PT#(P#) FLOOR POKE-THRU J#(N#,P#) JUNCTION BOX W/ AV, TELECOM AND POWER PT#(N#,P#) FLOOR POKE-THRU F# FLOOR BOX AND POWER			J#J# ℚ→ OR J#N# ℚ→ OR N#N# ℚ→		DD0 IF07-01/5-7-7-1		EQUIPMENT RACK		
F# FLOOR BOX W/ TELECOM FS# FLOOR CONDUIT S' (JUNCTION BOX "J#" LETTER CODE MAY VARY BY BOX JUNCTION)	ГИВ		(DENOTES DEVICES WHICH FALL ON THE SAME VERTICAL PLANE)		PROJECTION SCREEN - REFER TO THE PROJECTION SCREEN TYPE LEGEND AND NOTES FOR MORE INFORMATION.		PLYWOOD BACKBOARD		
(SONCTION BOX S# LETTER CODE WAT VART BT BOX SUNCTION)				<u></u>	IN CHINATION.				
CONTRACTOR RESPONSIBILITY M	ATRIX				TECHNOLOGY GE	NERAL N	OTES		
ITEM / TASK IISTRUT, THREADED ROD, SUPPORT CABLE, FASTENERS OR OTHER HARDWARE REQUIRED TO ATTACH	FURNISH	INSTALL	DRAWINGS: NOTIFY THE DESIGNER OF ANY DISCREPANCIES BETWEEN THESE CONTRACT D	DRAWINGS AND FIFI C			IBERS, SPLICE CASES, CABLE TRAYS, ETC. ENTERING OF ND SYSTEM USING A MINIMUM #6 AWG STRANDED COPPI		
DIOVISUAL WALL OR CEILING MOUNTS TO STRUCTURE	GC	GC	INSTALLATION:		V		NER SYSTEMS GROUNDING PURPOSES SHALL BE IDENTI APE. ALL CABLES AND BUS BARS SHALL BE IDENTIFIED A		
DUGH OR FINISHED TRIM, CASEWORK AND MILLWORK RUCTURAL BACKING ("BLOCKING") AS REQUIRED TO SUPPORT WALL MOUNTED AUDIOVISUAL	GC	GC	INSTALL ALL COMPONENTS AS PER MANUFACTURERS RECOMMENDATIONS AND SUBSTITUTIONS:	ID PER ALL APPLICABL	<u> </u>	ECHNICAL POWER & GRO	UNDING SYSTEM: TURE OF ELECTRONIC EQUIPMENT THAT IS BEING USED) POWER OHALITY MIT	ST RE ASSURED POWER FOR TECHNOLOGY SYSTEM
DMPONENTS AND STRUCTURAL WORK FOR SPECIAL CONSTRUCTION	GC	GC	THE MAKE AND MODEL OF LOW VOLTAGE INFRASTRUCTURE DEVICES IN THE TE OF QUALITY AND PERFORMANCE FOR EACH DEVICE. UNLESS OTHERWISE INDIC		S HAVE BEEN LISTED TO ESTABLISH THE DESIRED LEVEL S	SHOULD BE DERIVED FROM	M DEDICATED TECHNICAL POWER PANELS WHICH DO NO E. THIS MIGHT INCLUDE: AIR CONDITIONING EQUIPMENT,	T SHARE CIRCUITS WI	TH EQUIPMENT LOADS THAT GENERATE ELECTRICAL
POWER SYSTEMS, CONDUIT, RACEWAYS, ELECTRICAL BACK BOXES, JUNCTION BOXES, PULL BOXES, DOR BOXES AND OTHER INFRASTRUCTURE	GC	GC	EQUIVALENT APPROVED PRODUCT BY OTHER MANUFACTURERS. ALL OF WHICH CREATE TRANSIENTS, HARMONICS, SURGES AND SPIKES. FOR ADDITIONAL GUIDELINES REFER TO THE IEEE 'RECOMMENDED PRACTICE FOR POWERING AND GROUNDING ELECTRONIC EQUIPMENT'. WHERE PRACTICAL, ALL TECHNICAL.			CAL, ALL TECHNICAL POWER CIRCUITS FOR			
SHTING FIXTURES, DIMMING SYSTEMS AND WALL CONTROLLERS	GC	GC	DEVICE MOUNTING: DEVICE SPECIFIED MOUNTING ELEVATIONS ARE "ON CENTER" UNLESS OTHERW SECTION 307, PROTEINING OR JECTS AND CHARTER 3, SECTION 308, REACH RA		ICE HEIGHTS SHALL COMPLY WITH ANSI 117.1 CHAPTER 3,		OM SHOULD BE ON THE SAME PHASE TO ENSURE PROPE		
W VOLTAGE AV CONTROL INTERFACE FOR LIGHTING SYSTEM (DIMMER SIDE) AND PATHWAY TO DIOVISUAL CONTROL SYSTEM EQUIPMENT RACK	GC	GC	SECTION 307, PROTRUDING OBJECTS AND CHAPTER 3, SECTION 308, REACH RA WITH ABOVE SECTIONS A CONFIRMING RFI SHOULD BE PLACED PRIOR TO RELC		Т	THESE TVSS DEVICES MUS	GE SUPPRESSION (TVSS) DEVICES SHOULD BE PROVIDE BT BE INSTALLED ACCORDING TO NEC ARTICLE 285. ALL I RATELY DERIVED TECHNICAL POWER SOURCE PROVIDED	DEVICES MUST BE UL 1	449 COMPLIANT. IN BROADCAST APPLICATIONS OR II
W VOLTAGE AV CONTROL INTERFACE FOR MOTORIZED WINDOW SHADES AND PATHWAY TO DIOVISUAL CONTROL SYSTEM EQUIPMENT RACK	GC	GC	FLOOR BOX, JUNCTION BOX, AND PULL BOX COVERS: UNLESS OTHERWISE DIRECTED, ALL FLOOR BOXES, JUNCTION BOXES, AND PUL		ROVIDED WITH A COVER. WHERE SINGLE OR MULTI-DEVICE	REQUIRED.			
LECOMMUNICATIONS STRUCTURED CABLING SYSTEMS, HORIZONTAL AND BACKBONE CABLING AND RMINATION, ASSOCIATED CABINETS, RACKS, RACEWAYS AND CABLE MANAGEMENT SYSTEMS	SCC	scc	RAISED DEVICE COVERS ARE SPECIFIED IN THE SCHEDULE, MATCH THE RAISED JUNCTION BOXES, AND PULL BOXES WITH APPROPRIATE KNOCKOUTS TO MATCH MOUNTED AT OR ABOVE FINISHED CEILING HEIGHT, INSTALL BOXES WITH OPEN	TCH CONDUIT REQUIRE	EMENTS. WHERE JUNCTION BOXES AND PULL BOXES ARE	ALL TECHNICAL POWER OF OCCUPANCY CONTROLLED	JTLETS MUST BE WIRED AS "ALWAYS ON". NO OUTLETS \$ O OUTLETS.	SERVING TECHNOLOGY	Y SYSTEMS SHALL BE ON SWITCHED, TIME OF DAY, C
LECOMMUNICATIONS CONNECTOR INSERT PLATES FOR FLOOR BOXES AND / OR WALL BOXES	SCC	SCC	MOUNTED AT OR ABOVE FINISHED CEILING HEIGHT, INSTALL BOXES WITH OPEN	THORE I ACING DOWN.	<u> </u>	<u>ECHNICAL GROUND SYST</u> ECHNICAL GROUND SHAL	<u>EM (TGS)</u> L CONSIST OF AN INSULATED GROUND CONDUCTOR FRO	OM THE PANEL BOARD	TO EACH TECHNICAL GROUND RECEPTACLE. AT THE
OJECTION SCREENS - WALL MOUNTED, CEILING MOUNTED, OR FIXED FRAME DIOVISUAL CONNECTOR INSERT PLATES FOR FLOOR BOXES AND / OR WALL BOXES	GC AVC	GC AVC	THE FIRE STOP SYSTEM SHALL COMPLY WITH THE IBC, NEC AND WITH NFPA 101 INSPECTION BY THE LOCAL INSPECTION AUTHORITIES PRIOR TO CABLE SYSTEM	EM ACCEPTANCE. THE	(LATEST EDITION) AND SHALL BE MADE AVAILABLE FOR CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING	RECEPTACLE, THE GROUN	D CONDUCTOR SHALL BE ELECTRICALLY ISOLATED FRO	M THE ELECTRICAL BC	X AND CONDUIT SYSTEM.
DIOVISUAL CABLING AND TERMINATIONS FOR AUDIOVISUAL SYSTEMS	AVC	AVC	THE FIRE RATING OF ALL WALLS AND FLOORS HAVING PENETRATIONS. COORDI GENERAL AND / OR ELECTRICAL SPECIFICATION SECTIONS FOR FURTHER MATE		ΓΙΟΝ PARAMETERS. S	SYSTEM IS FURTHER DEFI	UPPLY GROUNDING SHALL BE VIA A GROUNDING ELECTF NED IN NEC ARTICLE 640 AS "AN ELECTRICAL DISTRIBUTI NG CONDUCTOR IS ISOLATED FROM THE PREMISES GRO	ON SYSTEM WITH GRO	OUNDING IN ACCORDANCE WITH 250.146(D), WHERE
OJECTORS, FLAT PANEL DISPLAYS, CONTROL PANELS, MICROPHONES, SPEAKERS AND OTHER IDIOVISUAL EQUIPMENT	AVC	AVC	EMERGENCY COMMUNICATIONS: CONTRACTOR TO VERIFY ALL CODE AND TELECOMMUNICATIONS REQUIREMEN	NTS FOR AFDS FMFR	P		ING CONDUCTOR IS ISOLATED FROM THE PREMISES GRO CIRCUIT PANEL BOARD, AT THE ORIGINATING (MAIN BREA		
CTERNS / SPECIALTY TECHNICAL FURNITURE	AVC	AVC	SIGNAGE PER THE AHJ. REFERENCE ARCHITECTURAL DRAWINGS FOR EMERGE DRAWINGS FOR EMERGENCY COMMUNICATIONS REQUIREMENTS.		NS SIGNAGE AND ELECTRICAL AND FIRE PROTECTION	NSULATED GROUNDING C	ONDUCTORS FROM THE BREAKER PANEL BOARDS SHAL		
DDIOVISUAL EQUIPMENT RACKS	AVC	AVC	GROUNDING: GROUND COMMUNICATIONS SYSTEMS AND FOLLIDMENT IN ACCORDANCE WITH	HITUE AMOUTUA COZIO (N	NO OTHERS. THE GREEN S	EAKER PANEL, PROVIDE AN INSULATED GROUND BUS BA BAFETY GROUND WIRES FROM EACH TGS RECEPTACLE (OR CIRCUIT ARE BROU	GHT TO THIS BUS. EACH TECHNICAL POWER
ECTRONIC SECURITY SYSTEMS EQUIPMENT AND SECURITY CABLING FOR ACCESS CONTROL, TRUSION ALARM, DURESS, VIDEO SURVEILLANCE, OTHERS AS SPECIFIED	SC	SC	GROUND COMMUNICATIONS SYSTEMS AND EQUIPMENT IN ACCORDANCE WITH REQUIREMENTS EXCEPT WHERE THE DRAWINGS OR SPECIFICATIONS EXCEED			NECEPTAULE SHALL BE OF	F A UNIQUE COLOR AND / OR CLEARLY AND PERMANENTI	LT LABELED TECHNIC/	AL LUVVER .
DTES:					RISER GENER	RAI NOTE	S		
ALL ITEMS AND TASKS LISTED ARE THE RESPONSIBILITY OF THE NOTED CONTRACTOR.			RISER DRAWINGS AND CONDUIT ROUTING			POWER DESIGNATORS AN			
			THE ROOM RISER DRAWINGS ARE DIAGRAMMATIC IN NATURE. CONDUIT PATHS INTERCONNECTION AND SIZES ONLY. ACTUAL CONDUIT ROUTING IN THE FIELD		OM RISERS ARE INTENDED TO CONVEY REQUIRED DEVICE P	POWER DESIGNATORS AN	<u>D RECEPTACLES</u> D RECEPTACLES WHICH APPEAR ON THE ROOM RISER D) AUDIOVISUAL COMPONENTS. NOTE THAT NOT ALL POW		
			ROOM RISER. CONDUIT ROUTING IS AT CONTRACTOR'S DISCRETION, BUT THE CANY CONDUIT RUN SECTION CONTAINING TWO NINETY-DEGREE TURNS, OR ANY	CONTRACTOR SHALL F NY SINGLE RUN EXCEE	PROVIDE A PULL BOX IMMEDIATELY BEFORE AND AFTER SIDING FIFTY FEET IN LENGTH REGARDLESS OF WHETHER	SHOWN ON THE ROOM RIS THE AUDIOVISUAL INFRAS	ER DIAGRAMS; ONLY THOSE THAT ARE PART OF OR INTI TRUCTURE PLANS, ELEVATIONS AND DETAILS FOR ADDIT	ERFACE WITH THE AUD FIONAL GUIDANCE REG	DIOVISUAL JUNCTION BOXES ARE SHOWN. REFER TO
			PULL BOXES ARE SHOWN ON THE DRAWINGS OR NOT. IN ALL CASES, CONDUIT I WITH INDUSTRY STANDARDS AND BEST PRACTICES.	ROUTES SHALL FOLL(GS FOR COMPLETE POWER LAYOUTS AND CIRCUITING DI	ETAILS.	
						<u>FELECOM OUTLETS</u>	ECOM OUTLETS WHICH APPEAR ON THE ROOM RISER D	DAWINGS ARE SHOWN	TO INDICATE THEIR ASSOCIATION WITH AND
			CONDUIT RUNS:	G (EMT) LINI ESS OTUE				INAVIINOS AINE SHOVIN	TO INDICATE THEIR ASSOCIATION WITH AND
			CONDUIT RUNS: ALL CONDUIT RUNS SHALL BE STEEL, THIN-WALL ELECTRICAL METALLIC TUBING PERMISSIBLE EXCEPT WHERE INDICATED ON THE DRAWINGS. CONDUIT SIZES A		ERWISE INDICATED. THE USE OF FLEXIBLE CONDUIT IS NOT RONS SHALL BE AS INDICATED ON THE DRAWINGS.		AUDIOVISUAL COMPONENTS.	NAWINGS AILE SHOWN	TO INDICATE THEIR ASSOCIATION WITH AND
			ALL CONDUIT RUNS SHALL BE STEEL, THIN-WALL ELECTRICAL METALLIC TUBING	AND INTERCONNECTION	ERWISE INDICATED. THE USE OF FLEXIBLE CONDUIT IS NOT ONS SHALL BE AS INDICATED ON THE DRAWINGS. ANDICATED.	REQUIRED ADJACENCY TO AV SPECIFIC ROOM RISER NOT ALL TELECOM OUTLE DF OR INTERFACE WITH A	O AUDIOVISUAL COMPONENTS. S TS REQUIRED TO SUPPORT THE AUDIOVISUAL SYSTEMS UDIOVISUAL JUNCTION BOXES ARE SHOWN. REFER TO T	ARE SHOWN ON THE F HE AUDIOVISUAL INFR.	ROOM RISER DIAGRAMS; ONLY THOSE THAT ARE PAR ASTRUCTURE PLANS, ELEVATIONS AND DETAILS FOR
			ALL CONDUIT RUNS SHALL BE STEEL, THIN-WALL ELECTRICAL METALLIC TUBING PERMISSIBLE EXCEPT WHERE INDICATED ON THE DRAWINGS. CONDUIT SIZES A CONDUIT STUBS TERMINATE CONDUIT STUBS INTO CLEAR SPACE 18 INCHES ABOVE ACCESSIBLE NYLON BUSHINGS	AND INTERCONNECTION	ERWISE INDICATED. THE USE OF FLEXIBLE CONDUIT IS NOT ONS SHALL BE AS INDICATED ON THE DRAWINGS. A NUCLEAR OF THE USE OF FLEXIBLE CONDUIT IS NOT ON SHALL BE AS INDICATED ON THE DRAWINGS. A NUCLEAR OF THE USE OF FLEXIBLE CONDUIT IS NOT OF THE USE OF THE	REQUIRED ADJACENCY TO AV SPECIFIC ROOM RISER NOT ALL TELECOM OUTLE DF OR INTERFACE WITH A ADDITIONAL GUIDANCE RE	AUDIOVISUAL COMPONENTS. S TS REQUIRED TO SUPPORT THE AUDIOVISUAL SYSTEMS	ARE SHOWN ON THE F HE AUDIOVISUAL INFR.	ROOM RISER DIAGRAMS; ONLY THOSE THAT ARE PAR ASTRUCTURE PLANS, ELEVATIONS AND DETAILS FOR
			ALL CONDUIT RUNS SHALL BE STEEL, THIN-WALL ELECTRICAL METALLIC TUBING PERMISSIBLE EXCEPT WHERE INDICATED ON THE DRAWINGS. CONDUIT SIZES A CONDUIT STUBS TERMINATE CONDUIT STUBS INTO CLEAR SPACE 18 INCHES ABOVE ACCESSIBLE	AND INTERCONNECTION	ERWISE INDICATED. THE USE OF FLEXIBLE CONDUIT IS NOT ONS SHALL BE AS INDICATED ON THE DRAWINGS. A NUMBER OF THE ORDER OF THE DRAWINGS. A OTECT WIRE PULLS.	REQUIRED ADJACENCY TO AV SPECIFIC ROOM RISER NOT ALL TELECOM OUTLE OF OR INTERFACE WITH A ADDITIONAL GUIDANCE RE TELECOMMUNICATIONS PA	O AUDIOVISUAL COMPONENTS. S TS REQUIRED TO SUPPORT THE AUDIOVISUAL SYSTEMS UDIOVISUAL JUNCTION BOXES ARE SHOWN. REFER TO T GARDING AUDIOVISUAL TELECOM OUTLET LOCATIONS. I	ARE SHOWN ON THE F HE AUDIOVISUAL INFR. REFER TO THE STRUC	ROOM RISER DIAGRAMS; ONLY THOSE THAT ARE PAR ASTRUCTURE PLANS, ELEVATIONS AND DETAILS FOR TURED CABLING DRAWINGS FOR COMPLETE

AUDIOVISUAL INFRASTRUCTURE ROOM RISERS

AUDIOVISUAL INFRASTRUCTURE ELEVATIONS

UNIT D - FIRST FLOOR AUDIOVISUAL INFRASTRUCTURE REFLECTED CEILING PLAN

CARMEL HIGH SCHOOL POLYTECHNIC ADDITION AND RENOVATION

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520 EAST MAIN STREET CARMEL, IN 46032

CARMEL CLAY SCHOOLS



AUDIOVISUAL

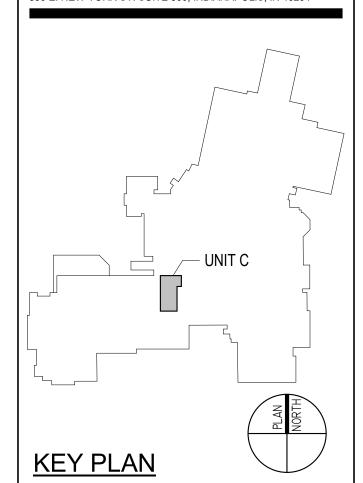
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100% CONSTRUCTION DOCUMENTS

PROJECT NUMBER: 221165.01

NO. DESCRIPTION DATE

AUDIOVISUAL INFRASTRUCTURE LEGENDS AND NOTES

AV0.01

TECHNOLOGY JUNCTION BOX LEGEND										
TY		FUNCTION		SURE DIME		ENCLOSURE DESCRIPTION	ENCLOSURE MAKE & MODEL	MOUNTING STYLE	REFERENCE	LEGEND NOTES
SYM	STYLE	1 311311311	LENGTH	WIDTH	DEPTH	ENGLOSONE BESONII TION	ENGEGGORE WINTER A MOBILE	WIGGITTING STILL	DETAIL	LEGEND NOTES
D14	WALL	DISPLAY BOX W/ AV TELECOM AND POWER	23 3/16"	30 3/8"	3 13/16"	DISPLAY BOX	RPV SOLUTIONS RPWM-32-BOX	FLUSH (UNO) - REFER TO ROOM DISPLAY SCHEDULE AND ELEVATIONS	-	A, B, C, D
S1	WALL	ON-AIR LIGHT	4 11/16"	4 11/16"	2 1/8"	PULL BOX W/ RAISED ONE-DEVICE COVER	RACO 258 259 OR 265	PER PROJECT STANDARD SWITCH HEIGHT - FLUSH (UNO) - REFER TO ARCH. DRAWINGS	-	В
W7	WALL	AV IO PANEL	6"	8"	4"	PULL BOX (PUNCHED AS REQUIRED) W/ PAINTED SCREW COVER	HOFFMAN A-SE8X6X4NK	PER PROJECT STANDARD OUTLET HEIGHT - FLUSH (UNO) - REFER TO ARCH. DRAWINGS	-	В
W8	WALL	AV IO PANEL	8"	10"	4"	PULL BOX (PUNCHED AS REQUIRED) W/ PAINTED SCREW COVER	HOFFMAN A-SE10X8X4NK	PER PROJECT STANDARD OUTLET HEIGHT - FLUSH (UNO) - REFER TO ARCH. DRAWINGS	-	В
W7 W8	WALL		6" 8"	8" 10"	4" 4"	,		PER PROJECT STANDARD OUTLET HEIGHT - FLUSH (UNO) - REFER TO ARCH. DRAWINGS	-	

	TECHNOLOGY TELECOM JUNCTION BOX LEGEND										
-	ΓΥΡΕ	FUNCTION	ENCLC	SURE DIME	NSIONS	ENCLOSURE DESCRIPTION	ENCLOSURE MAKE & MODEL	MOUNTING STYLE	REFERENCE	LEGEND NOTES	
SYM	STYLE	FUNCTION	LENGTH	WIDTH	DEPTH	ENGLOSORE DESCRIPTION	ENCLOSORE WARE & WIODEL	DETAIL		LEGEND NOTES	
N2	WALL	TELECOM OUTLET - DISPLAY	-	-	-	WALL BOX INDICATED BY BOX NUMBER	COORDINATE W/ ASSOCIATED DISPLAY BOX	INSTALL IN DISPLAY BOX PER MFR DIRECTIONS	-	A, C	
N4	WALL	TELECOM OUTLET - STANDARD	4 11/16"	4 11/16"	2 1/8"	PULL BOX W/ RAISED ONE-DEVICE COVER	RACO 258 259 OR 265	PER PROJECT STANDARD OUTLET HEIGHT - FLUSH (UNO) - REFER TO ARCH. DRAWINGS	-	B, C	
N9	WALL	TELECOM OUTLET - IN RACEWAY	4 11/16"	4 11/16"	2 1/8"	PULL BOX W/ RAISED ONE-DEVICE COVER	RACO 258 259 OR 265	120" AFF - FLUSH	-	С	

	TECHNOLOGY POWER LEGEND										
TY SYM	PE STYLE	FUNCTION	VOLTS	AMPS	NEMA	DESCRIPTION	ADDITIONAL REQUIREMENTS	MOUNTING STYLE	REFERENCE DETAIL	LEGEND NOTES	
P2	WALL	POWER RECEPTACLE - DISPLAY	120	20	5-20R	DUPLEX RECEPTACLE INSIDE DISPLAY BOX	-	INSTALL IN DISPLAY BOX PER MFR DIRECTIONS	-	A, D	
P5	WALL	POWER RECEPTACLE - TECHNOLOGY	120	20	5-20R	DOUBLE DUPLEX RECEPTACLE	-	PER PROJECT STANDARD OUTLET HEIGHT - FLUSH (UNO) - REFER TO ARCH. DRAWINGS	-	D	
P8	WALL	POWER RECEPTACLE - TELECOM RACK	120	20	L5-20R	TWIST-LOCK RECEPTACLE	DEDICATED CIRCUIT	MOUNT TO CABLE RUNWAY ABOVE EQUIPMENT RACK	-	D	
P9	WALL	POWER RECEPTACLE - TELECOM RACK	120	20	L6-20R	TWIST-LOCK RECEPTACLE	DEDICATED CIRCUIT	MOUNT TO CABLE RUNWAY ABOVE EQUIPMENT RACK	-	D	

ROOM DISPLAY SCHEDULE					PE L	EGEN	D	
ALL DIMENSIONS IN INCHES					IES / WEI	GHT IN POL	JNDS	
ELEV		NOMINAL	NOMI	NAL CASI	SIZE	NOMINIAL	BACI	KING
AFF OC	TYPE		HEIGHT	WIDTH	DEPTH	_	HEIGHT	WIDTH
66"		DIAGONAL	(H)	(W)	(D)	VVLIOIII	(H)	(W)
	. 1	65"	34"	59"	4"	77	24"	48"
	CHES ELEV AFF OC	CHES ELEV AFF OC 66" 60" 1	CHES ELEV AFF OC 66" 60" TYPE NOMINAL IMAGE DIAGONAL 1 65"	CHES ALL DIMENSIONS AFF OC 66" 66" 1 65" ALL DIMENSIONS NOMINAL NOMII HEIGHT (H) 1 65" 34"	CHES ALL DIMENSIONS IN INCH SELEV AFF OC OF TYPE IMAGE DIAGONAL (H) (W) 1 65" 34" 59"	CHES ALL DIMENSIONS IN INCHES / WEI SELEV AFF OC IMAGE HEIGHT WIDTH DEPTH DIAGONAL (H) (W) (D) 1 65" 34" 59" 4"	CHES ALL DIMENSIONS IN INCHES / WEIGHT IN POL SELEV AFF OC HEIGHT WIDTH DEPTH WEIGHT	ALL DIMENSIONS IN INCHES / WEIGHT IN POUNDS

NOTES:

1. CENTER LINE OF DISPLAY AND CENTER LINE OF DISPLAY BACK BOX MAY DIFFER. REFER TO ELEVATIONS FOR CORRECT HEIGHTS AFF.

1. SEE THE ROOM DISPLAY SCHEDULE ON THIS SHEET FOR LOCATIONS. 2. BACKING, JUNCTION BOXES, CONDUIT AND ELECTRICAL BY GENERAL CONTRACTOR. 3. DISPLAY, DISPLAY MOUNT AND CABLING PROVIDED BY AV CONTRACTOR. 4. DISPLAY IMAGE DIAGONAL, CASE SIZE AND WEIGHT ARE PROVIDED TO ESTABLISH THE APPROPRIATE BACKING REQUIREMENTS. THESE SIZES ARE SUBJECT TO CHANGE. 5. WHEN CEILING MOUNTED, NO BACKING IS REQUIRED.

TECHNOLOGY LEGEND NOTES

[A] D14(N2,P2) FLAT PANEL DISPLAY BOX CONFIGURATION:

RPVISUAL WALLMATE SERIES FLAT PANEL DISPLAY WALL BOX. PROVIDE BOX ONLY, INTEGRATED DISPLAY MOUNT PROVIDED BY AV CONTRACTOR. PROVIDE AS REQUIRED: POWER RECEPTACLES, COMMUNICATION JACKS, LOW VOLTAGE ENTRY BOXES, AND OTHER ACCESSORIES AS NEEDED. CONFIGURE BOX

[B] WALL BOX INSTALLATION
FOR STUD WALL PARTITIONS WALL BOXES SHALL BE MOUNTED FLUSH IN FINISHED WALL. FOR CMU WALL PARTITIONS WALL BOXES AND CONDUIT SHALL BE

[C] TELECOM OUTLETS FOR AUDIOVISUAL SYSTEMS:
TELECOM OUTLETS SHOWN ON THE DRAWINGS ARE REPRESENTATIVE OF TELECOM CONNECTIVITY REQUIREMENTS IN SUPPORT OF AUDIOVISUAL SYSTEMS. THE LOCATION OF TELECOM OUTLETS FOR AUDIOVISUAL EQUIPMENT IN RELATION TO OTHER TECHNOLOGY INFRASTRUCTURE MAY BE CRITICAL. REFER TO THE STRUCTURED CABLING SYSTEM SPECIFICATIONS AND DRAWINGS FOR ADDITIONAL INFORMATION.

[D] POWER RECEPTACLES

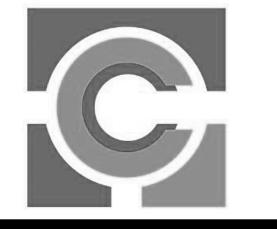
TECHNICAL POWER RECEPTACLES, INCLUDING THOSE WITHIN FLOOR BOXES, WALL BOXES, OR CEILING BOXES, ARE PROVIDED BY ELECTRICAL CONTRACTOR AND APPEAR ON THE ELECTRICAL DRAWINGS. THE TECHNICAL POWER RECEPTACLES ALSO APPEAR ON THE TECHNOLOGY INFRASTRUCTURE DRAWINGS FOR COORDINATION AND LOCATION PURPOSES. THE LOCATION OF TECHNICAL POWER RECEPTACLES IN RELATION TO OTHER TECHNOLOGY INFRASTRUCTURE MAY BE CRITICAL. REFER TO THE ELECTRICAL DRAWINGS FOR COMPLETE POWER LAYOUTS AND CIRCUITING DETAILS.

CARMEL HIGH SCHOOL POLYTECHNIC **ADDITION AND** RENOVATION

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520 EAST MAIN STREET CARMEL, IN 46032

CARMEL CLAY SCHOOLS

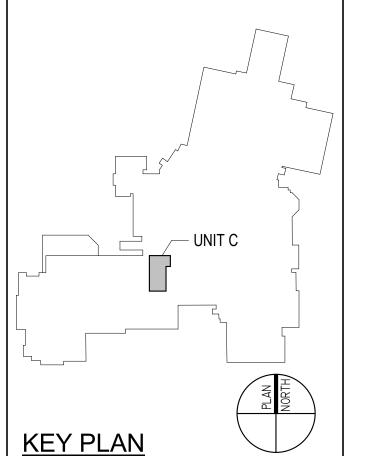


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AUDIOVISUAL INFRASTRUCTURE LEGENDS AND LEGEND NOTES

CARMEL HIGH SCHOOL POLYTECHNIC ADDITION AND RENOVATION

520 EAST MAIN STREET CARMEL, IN 46032

CARMEL CLAY SCHOOLS



AUDIOVISUAL

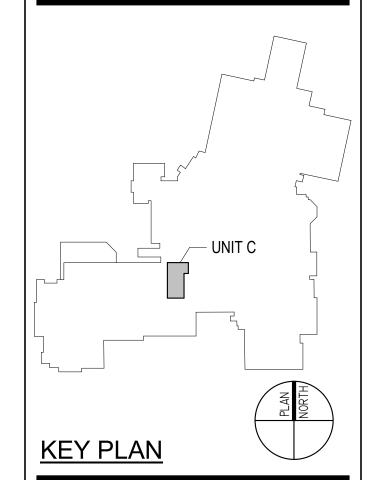
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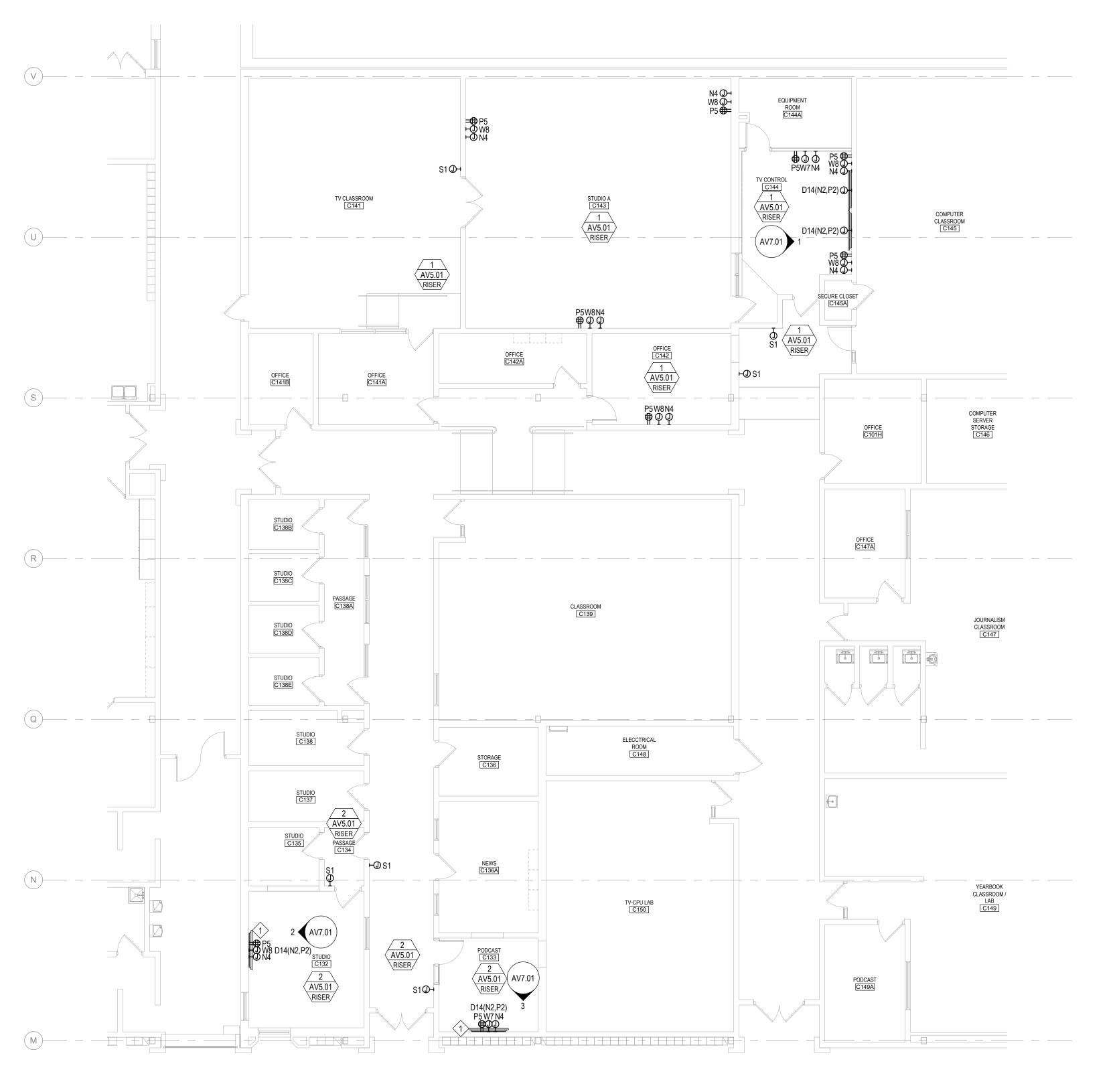
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UNIT C - FIRST FLOOR AUDIOVISUAL INFRASTRUCTURE PLAN

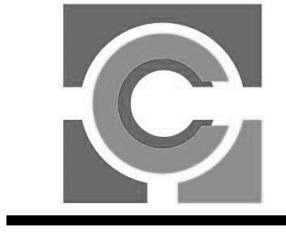
AV1.01



1 UNIT C - FIRST FLOOR AUDIOVISUAL INFRASTRUCTURE PLA
AV1.01 1/8" = 1'-0"

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AUDIOVISUAL

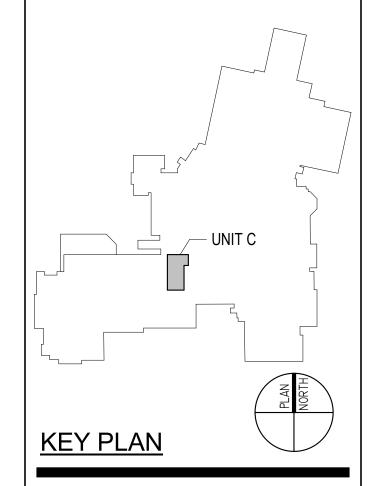
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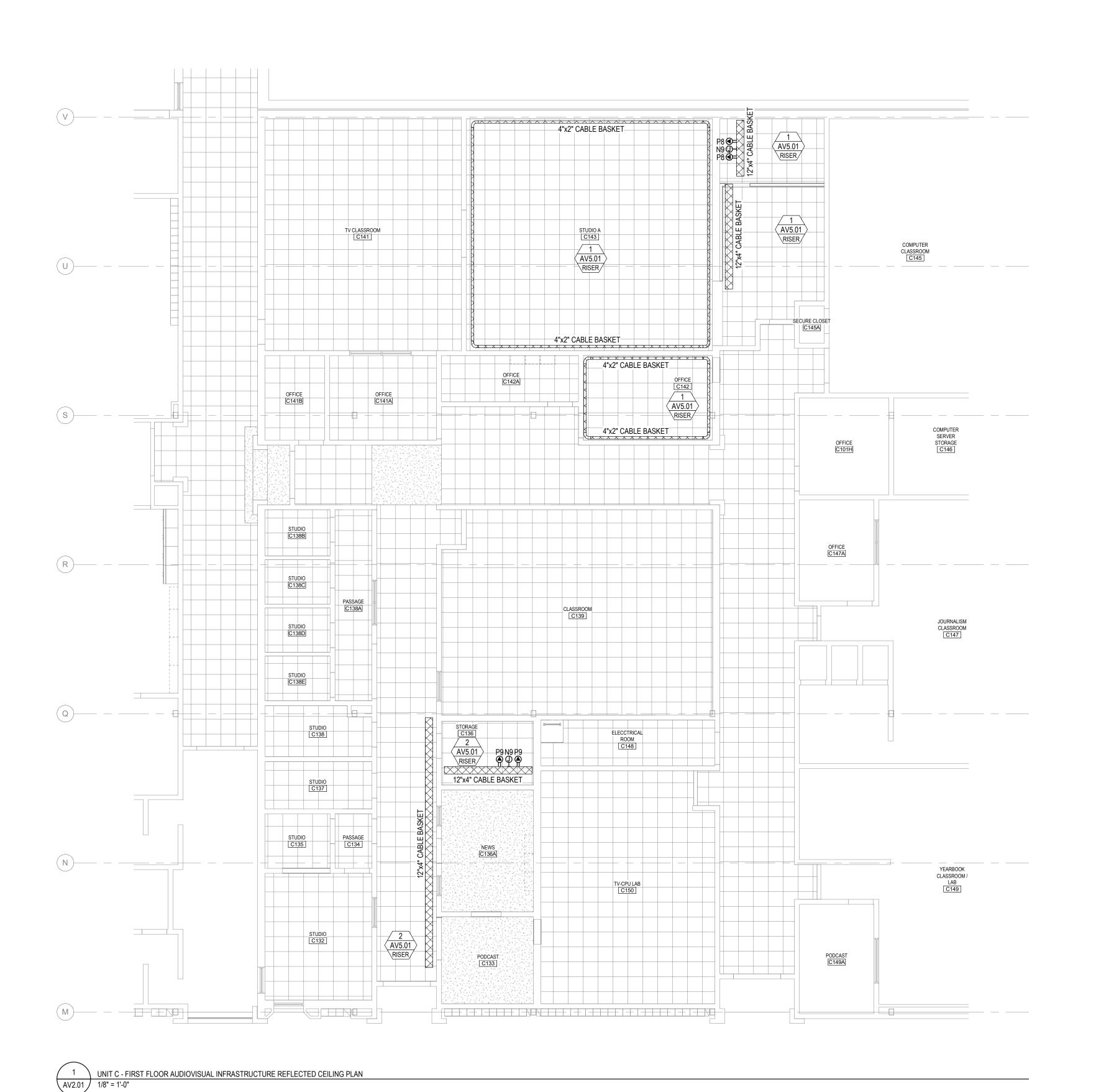
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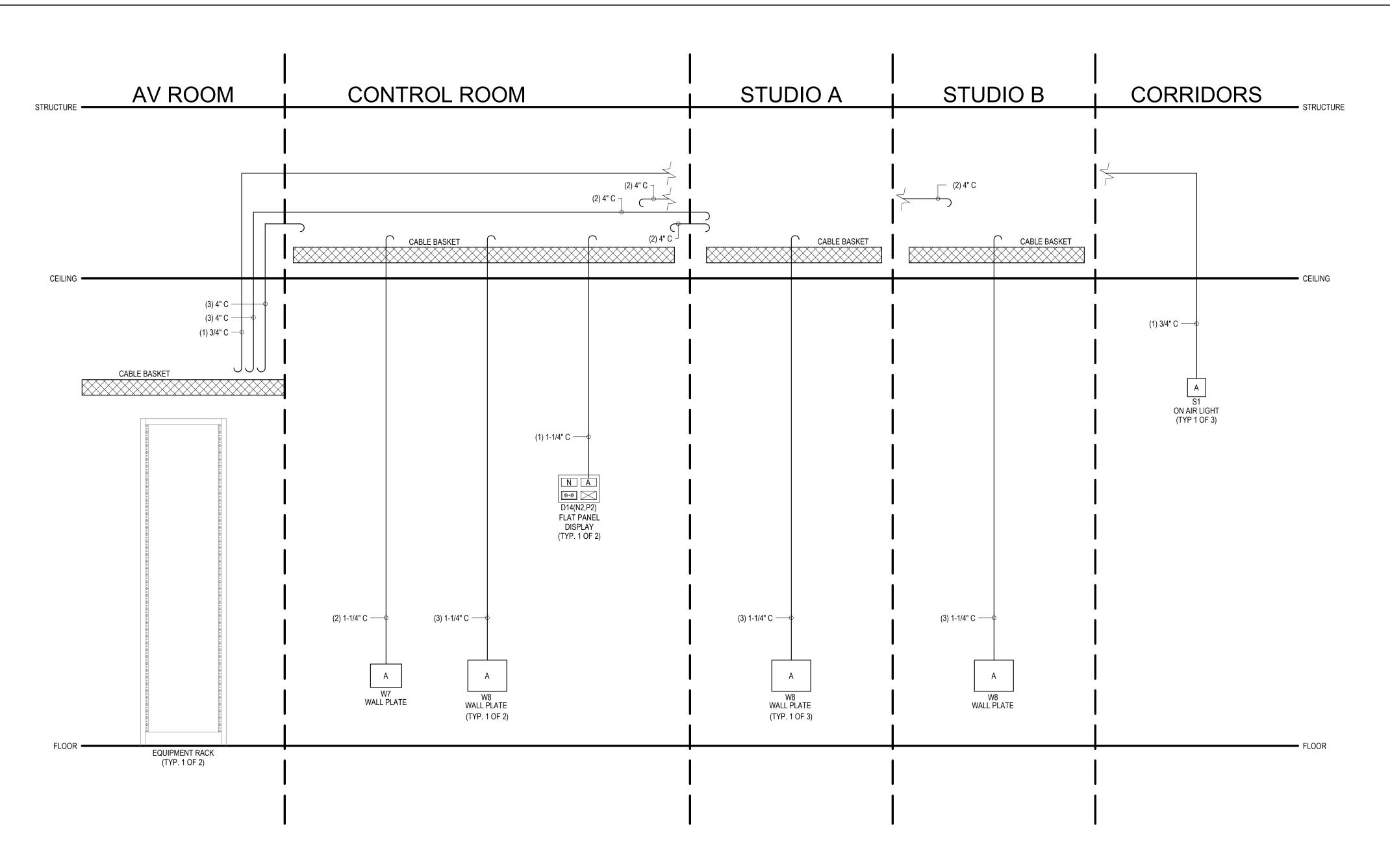
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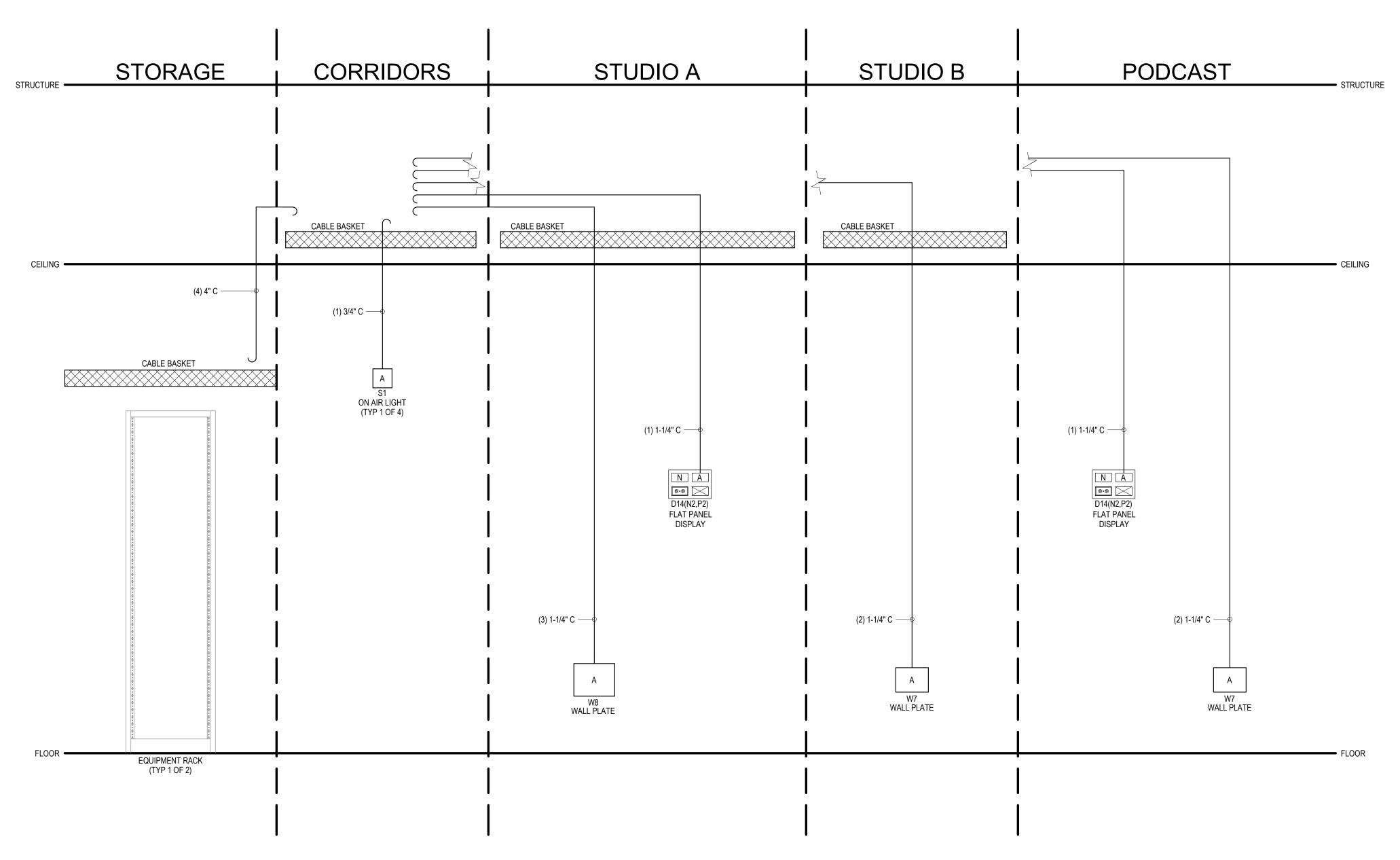
UNIT C - FIRST FLOOR AUDIOVISUAL INFRASTRUCTURE REFLECTED CEILING PLAN

AV2.01





1 TV STUDIO A, STUDIO B, CONTROL ROOM
AV5.01 3/4" = 1'-0"

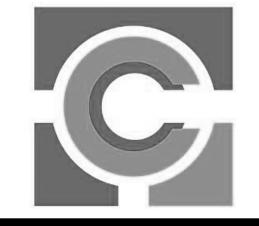


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CARMEL HIGH SCHOOL POLYTECHNIC ADDITION AND RENOVATION

520 EAST MAIN STREET CARMEL, IN 46032

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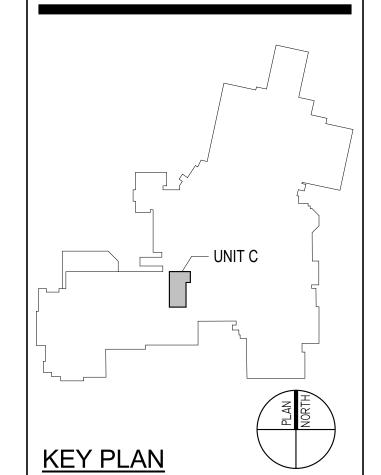
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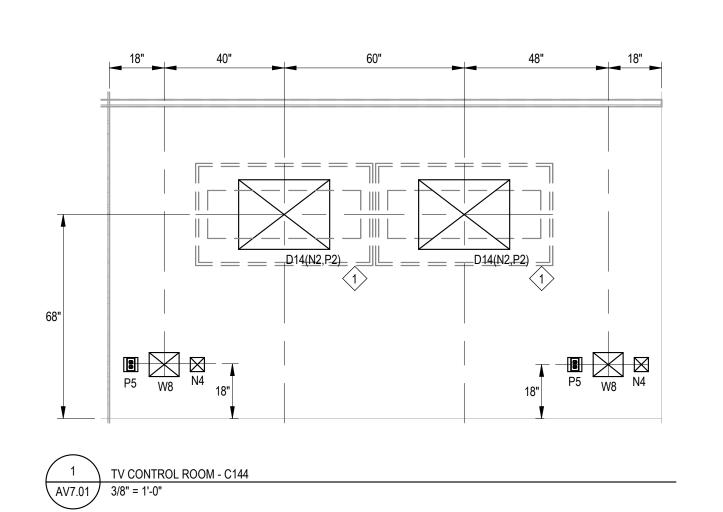
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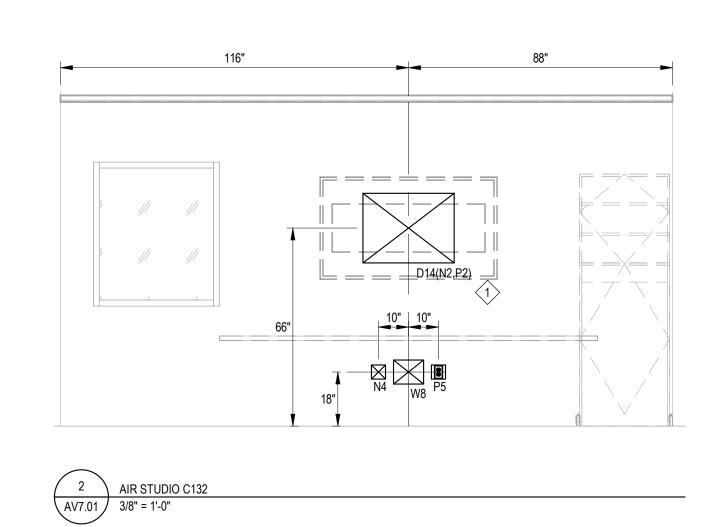
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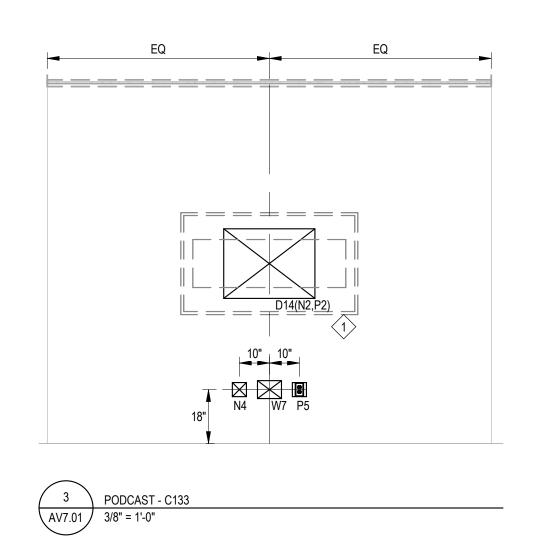
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AUDIOVISUAL INFRASTRUCTURE ROOM RISERS

AV5.01





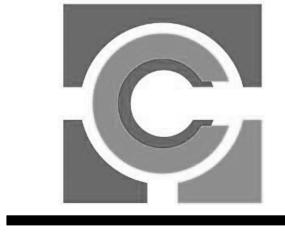


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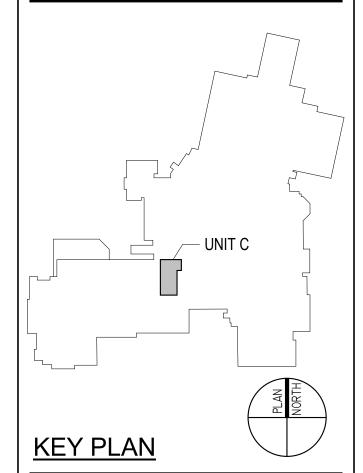
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AUDIOVISUAL INFRASTRUCTURE ELEVATIONS

AV7.0