



## TECHNOLOGY JUNCTION BOX LEGEND

TYPE		FUNCTION	ENCLOSURE DIMENSIONS			ENCLOSURE DESCRIPTION	ENCLOSURE MAKE & MODEL	MOUNTING STYLE	REFERENCE DETAIL	LEGEND NOTES
SYM	STYLE		LENGTH	WIDTH	DEPTH					
D14	WALL	DISPLAY BOX W/ AV TELECOM AND POWER	23 3/8"	30 3/8"	3 13/16"	DISPLAY BOX	RPV SOLUTIONS RPYM-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	-	B
W7	WALL	AV IO PANEL	6"	8"	4"	PULL BOX (PUNCHED AS REQUIRED) W/ PAINTED SCREW COVER	HOFMANN A-SEB6XK4NK	PER PROJECT STANDARD OUTLET HEIGHT - FLUSH (UNO) - REFER TO ARCH. DRAWINGS	-	B
W8	WALL	AV IO PANEL	8"	10"	4"	PULL BOX (PUNCHED AS REQUIRED) W/ PAINTED SCREW COVER	HOFMANN A-SE 10X6X4NK	PER PROJECT STANDARD OUTLET HEIGHT - FLUSH (UNO) - REFER TO ARCH. DRAWINGS	-	B

## TECHNOLOGY TELECOM JUNCTION BOX LEGEND

TYPE		FUNCTION	ENCLOSURE DIMENSIONS			ENCLOSURE DESCRIPTION	ENCLOSURE MAKE & MODEL	MOUNTING STYLE	REFERENCE DETAIL	LEGEND NOTES
SYM	STYLE		LENGTH	WIDTH	DEPTH					
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	-	C

## TECHNOLOGY POWER LEGEND

TYPE		FUNCTION	VOLTS	AMPS	NEMA	DESCRIPTION	ADDITIONAL REQUIREMENTS	MOUNTING STYLE	REFERENCE DETAIL	LEGEND NOTES
SYM	STYLE									
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

ALL DIMENSIONS IN INCHES

ROOM NUMBER	DISPLAY QTY	DISPLAY TYPE	ELEV AFF OC
C132	1	1	66"
C133	1	1	60"
C144	2	1	72"

NOTES:

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

## DISPLAY TYPE LEGEND

ALL DIMENSIONS IN INCHES / WEIGHT IN POUNDS

TYPE	NOMINAL IMAGE DIAGONAL	NOMINAL CASE SIZE			NOMINAL WEIGHT	BACKING	
		HEIGHT (H)	WIDTH (W)	DEPTH (D)		HEIGHT (H)	WIDTH (W)
1	65"	34"	59"	4"	77	24"	48"

## NOTES

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 ACCORDING TO DETAILS

### [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 SURFACE MOUNTED.

[C] TELECOM OUTLETS FOR AUDIOVISUAL SYSTEMS

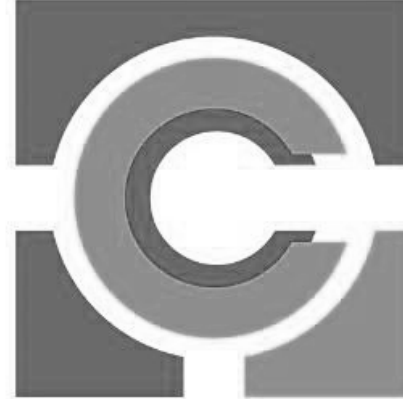
TELECOM OUTLETS SHOWN ON THE DRAWINGS ARE REPRESENTATIVE OF TELECOM CONNECTIVITY REQUIREMENTS IN SUPPORT OF AUDIOVISUAL SYSTEMS. THE LOCATION OF TELECOM OUTLETS FOR AUDIOVISUAL EQUIPMENT IN RELATION TO OTHER TECHNOLOGY INFRASTRUCTURE MAY BE CRITICAL. REFER TO THE STRUCTURED CABLING SYSTEM SPECIFICATIONS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

520 EAST MAIN STREET  
CARMEL, IN 46032

**CARMEL CLAY SCHOOLS**

**AUDIOVISUAL**

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Suite 300  
Pittsburgh, PA 15233  
412.323.8580

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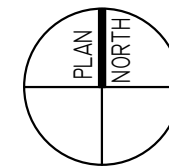
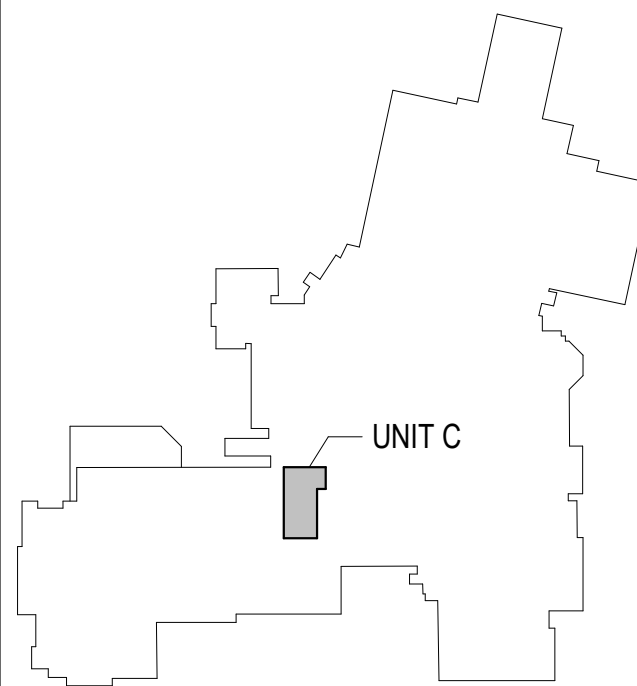
ARCHITECT

**FANNING  
HOWEY**

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350 E. NEW YORK ST. SUITE 300, INDIANAPOLIS, IN 4620



## KEY PLAN

## 100% CONSTRUCTION DOCUMENTS

PROJECT NUMBER: 221165.01

PROJECT ISSUE DATE: 08/31/202

[illegible]

## AUDIOVISUAL INFRASTRUCTURE

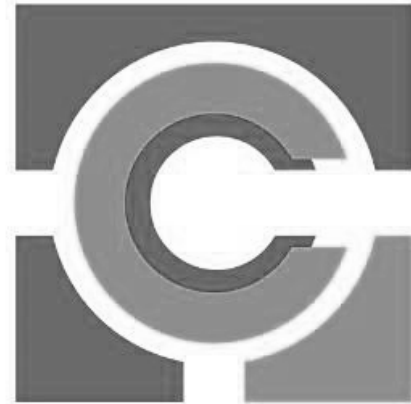
### LEGENDS AND LEGEND NOTES

# AV0.02

CARMEL HIGH SCHOOL  
POLYTECHNIC  
ADDITION AND  
RENOVATION

520 EAST MAIN STREET  
CARMEL, IN 46032

CARMEL CLAY SCHOOLS

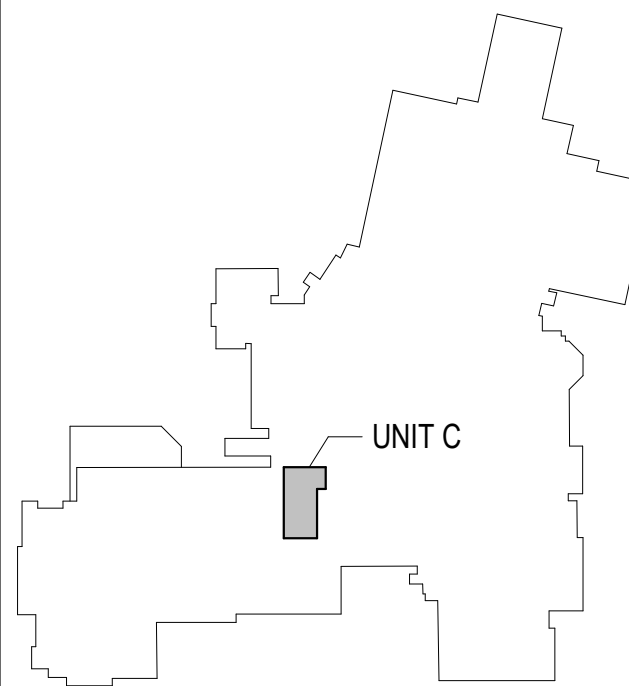


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KEY PLAN

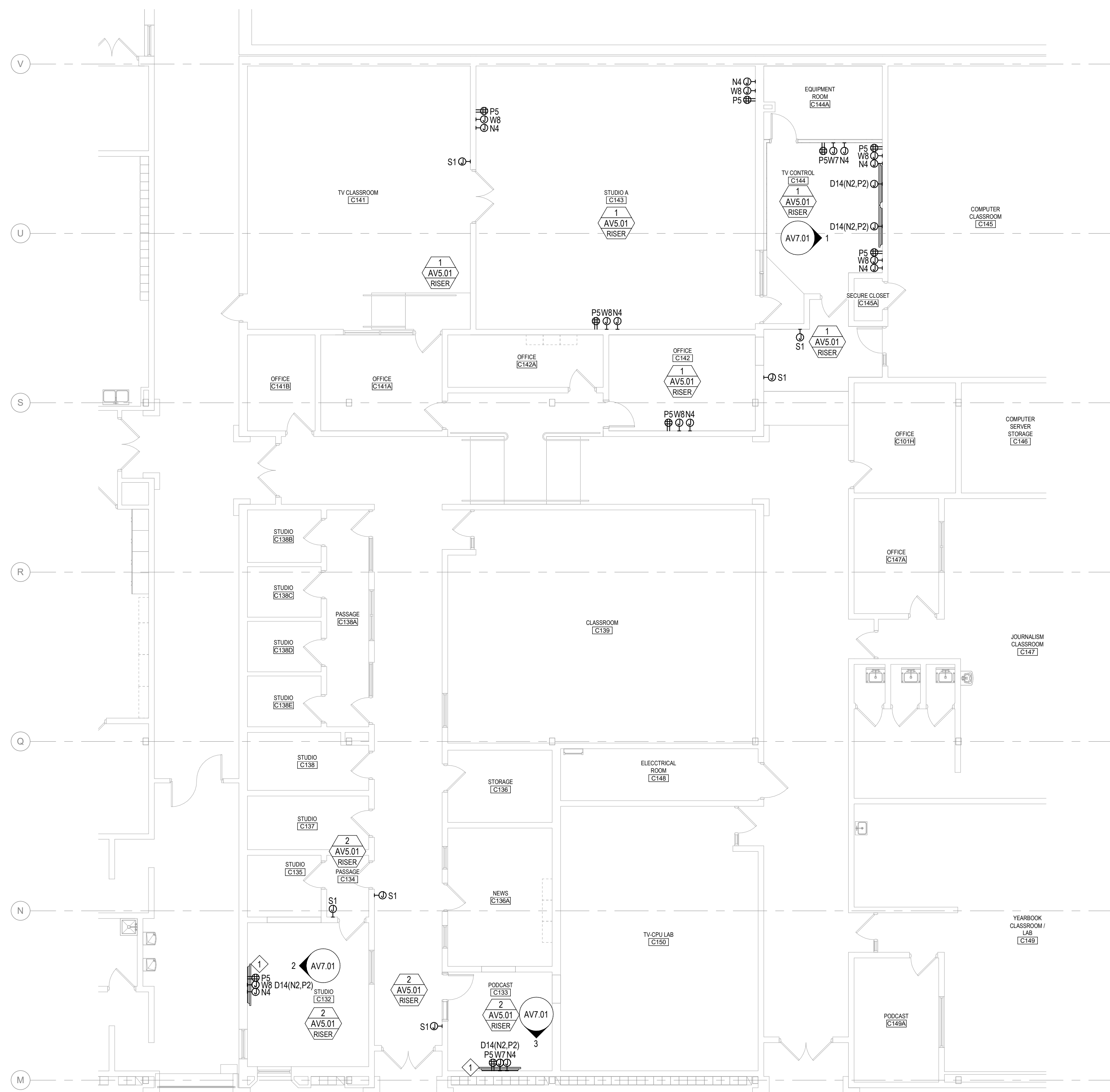
100% CONSTRUCTION DOCUMENTS

PROJECT NUMBER: 221165.01  
PROJECT ISSUE DATE: 08/31/2023

REV. NO.	DESCRIPTION	DATE

UNIT C - FIRST FLOOR AUDIOVISUAL  
INFRASTRUCTURE PLAN

AV1.01

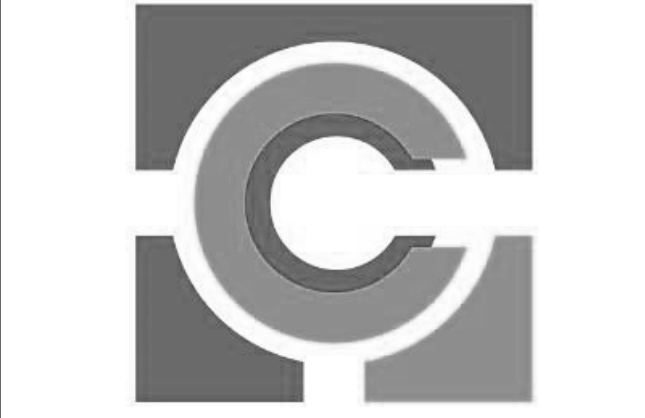


1 UNIT C - FIRST FLOOR AUDIOVISUAL INFRASTRUCTURE PLAN  
1/8" = 1'-0"

CARMEL HIGH SCHOOL  
POLYTECHNIC  
ADDITION AND  
RENOVATION

520 EAST MAIN STREET  
CARMEL, IN 46032

CARMEL CLAY SCHOOLS

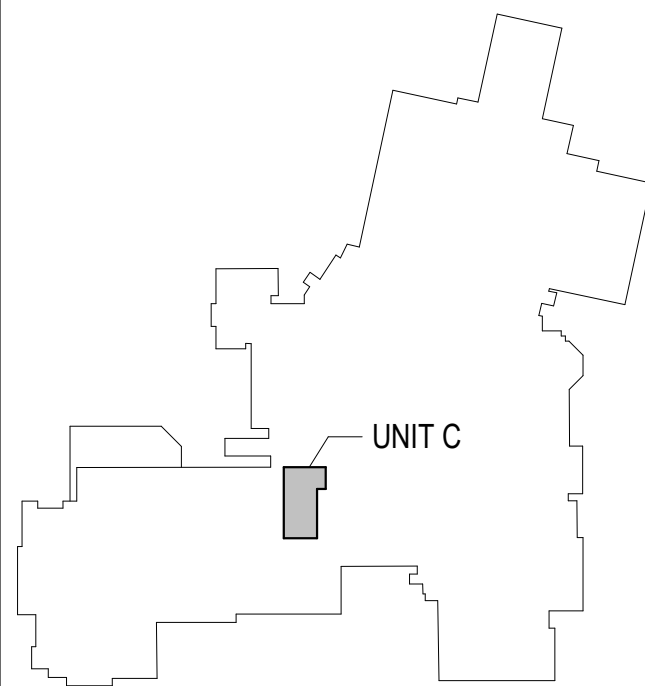


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KEY PLAN

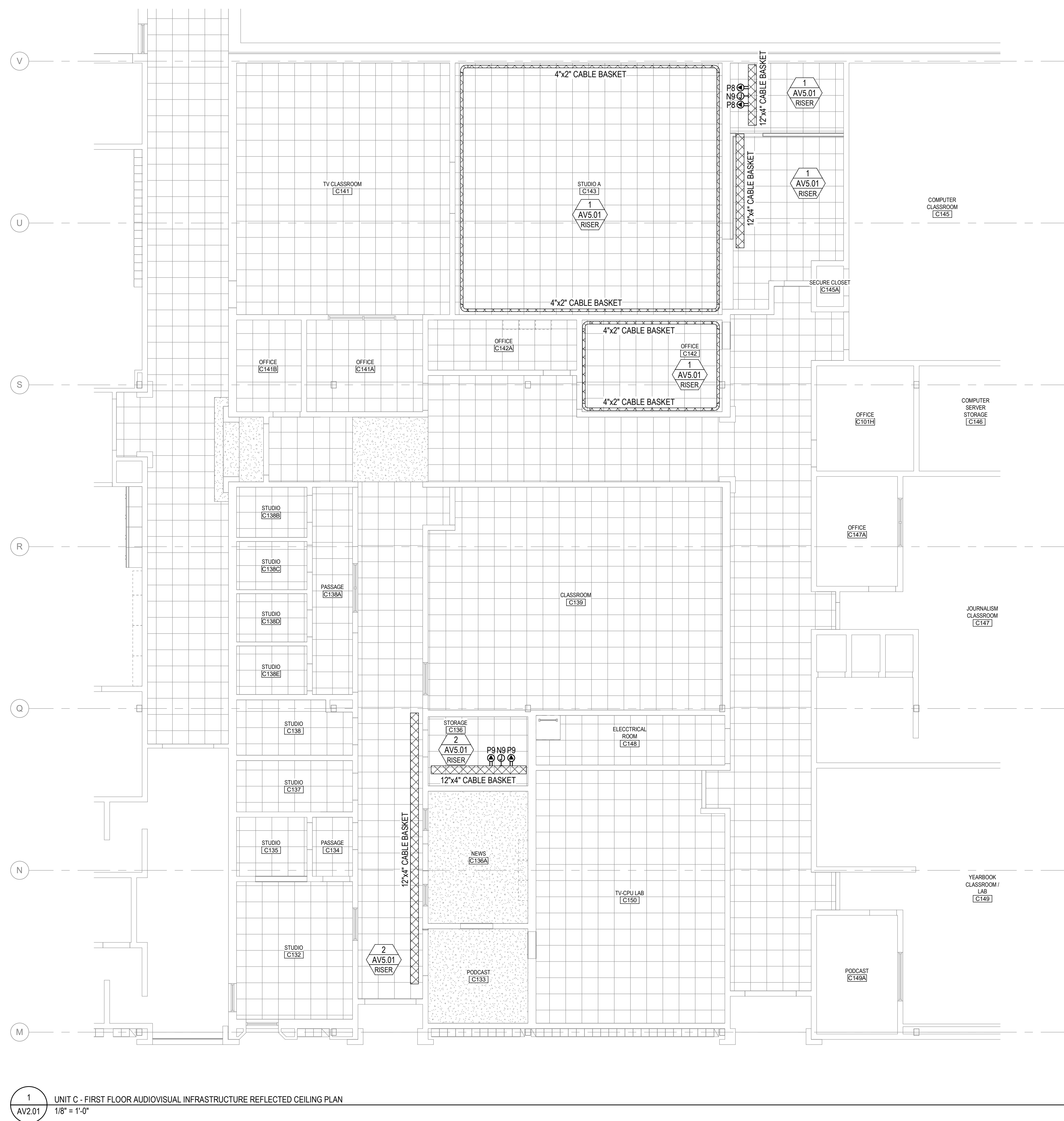
100% CONSTRUCTION DOCUMENTS

PROJECT NUMBER: 221165.01  
PROJECT ISSUE DATE: 08/31/2023

REV. NO.	DESCRIPTION	DATE

UNIT C - FIRST FLOOR AUDIOVISUAL  
INFRASTRUCTURE REFLECTED  
CEILING PLAN

AV2.01



**CARMEL CLAY SCHOOLS**

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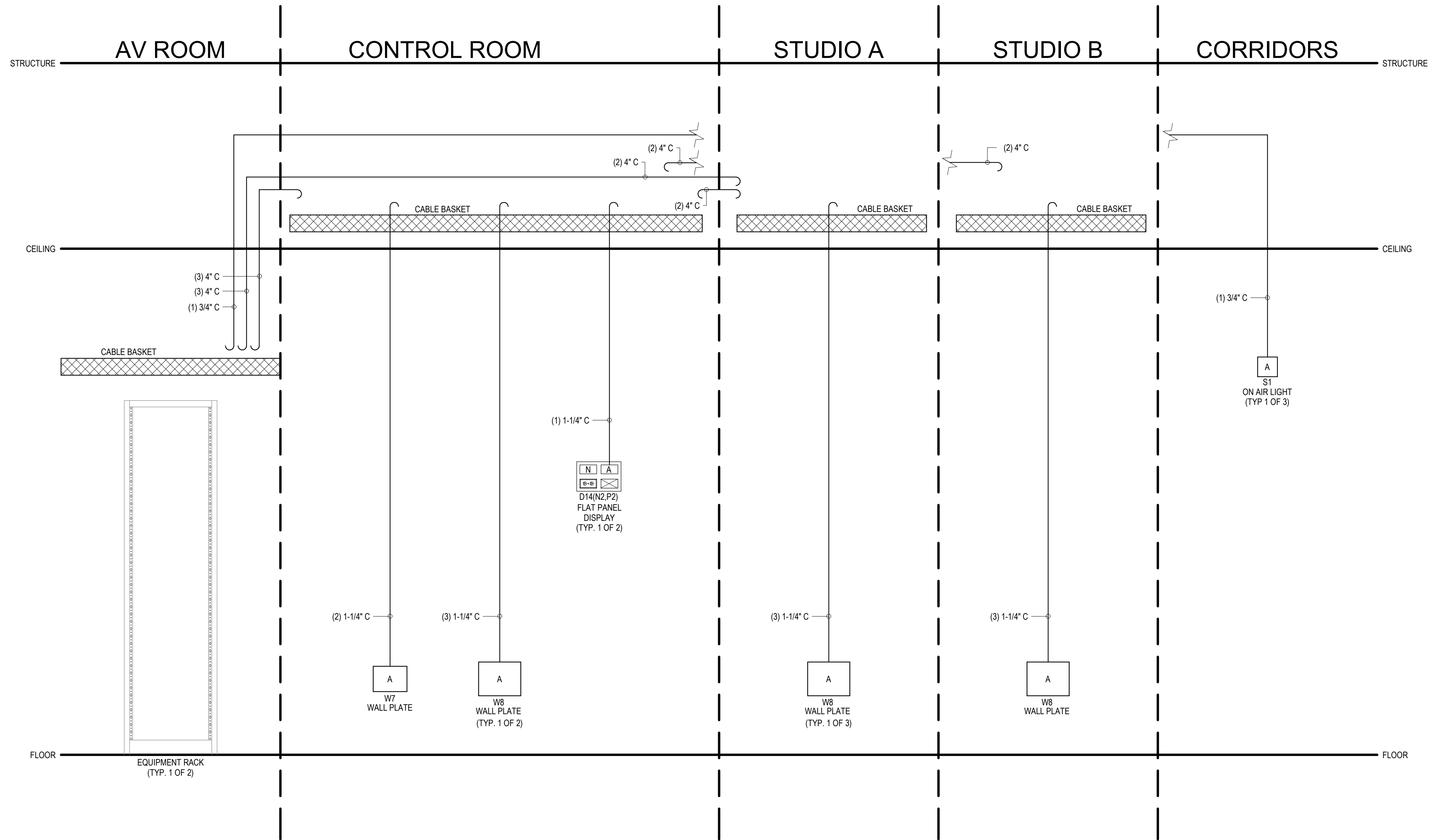
A map of the study area, which is a large, irregularly shaped land area. A small, shaded rectangular area is located on the western side of the main landmass. A line points from the label 'UNIT C' to this shaded area.

## KEY PLAN

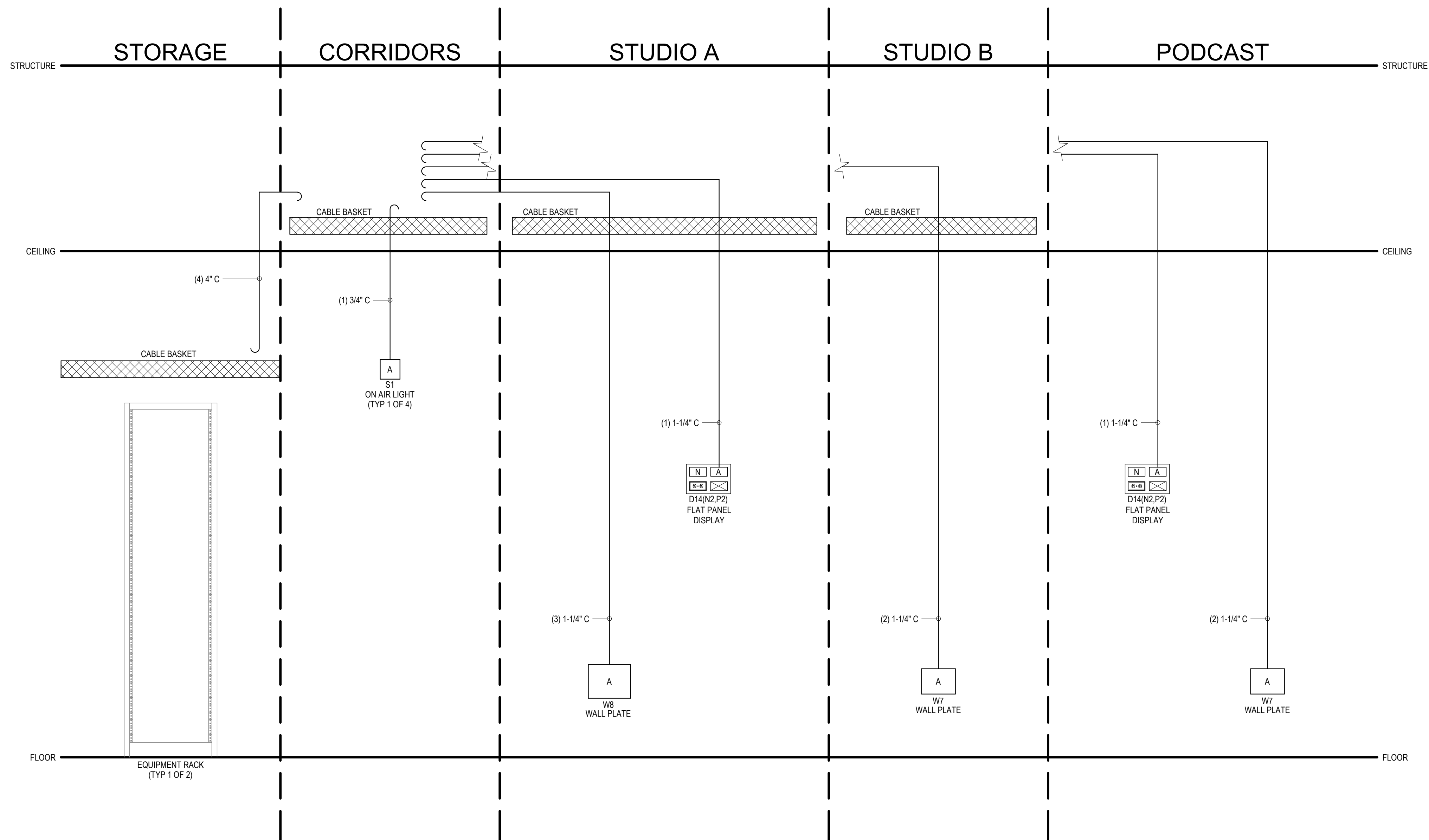
**100% CONSTRUCTION DOCUMENTS**

[illegible]

## AV5.01



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



2 RADIO STUDIO A, STUDIO B, PODCAST STUDIO  
AV5.01 3/4" = 1'-0"

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POLYTECHNIC  
ADDITION AND  
RENOVATION

520 EAST MAIN STREET  
CARMEL, IN 46032

CARMEL CLAY SCHOOLS

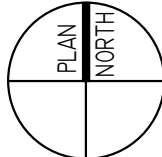
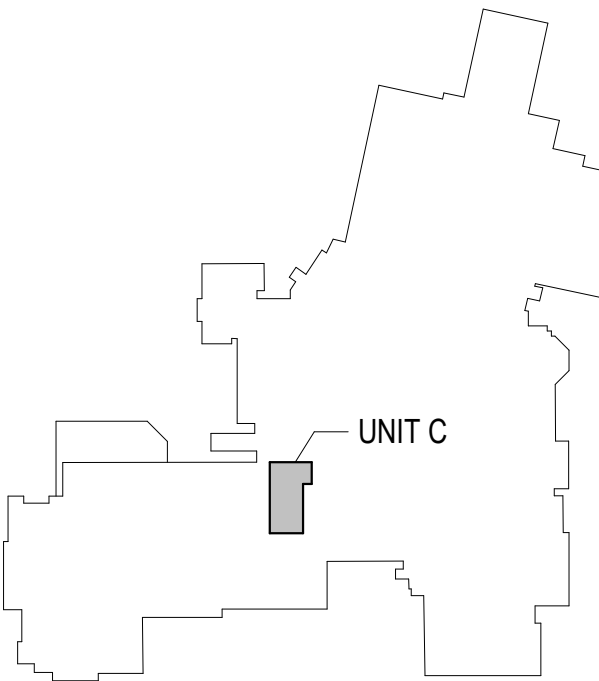


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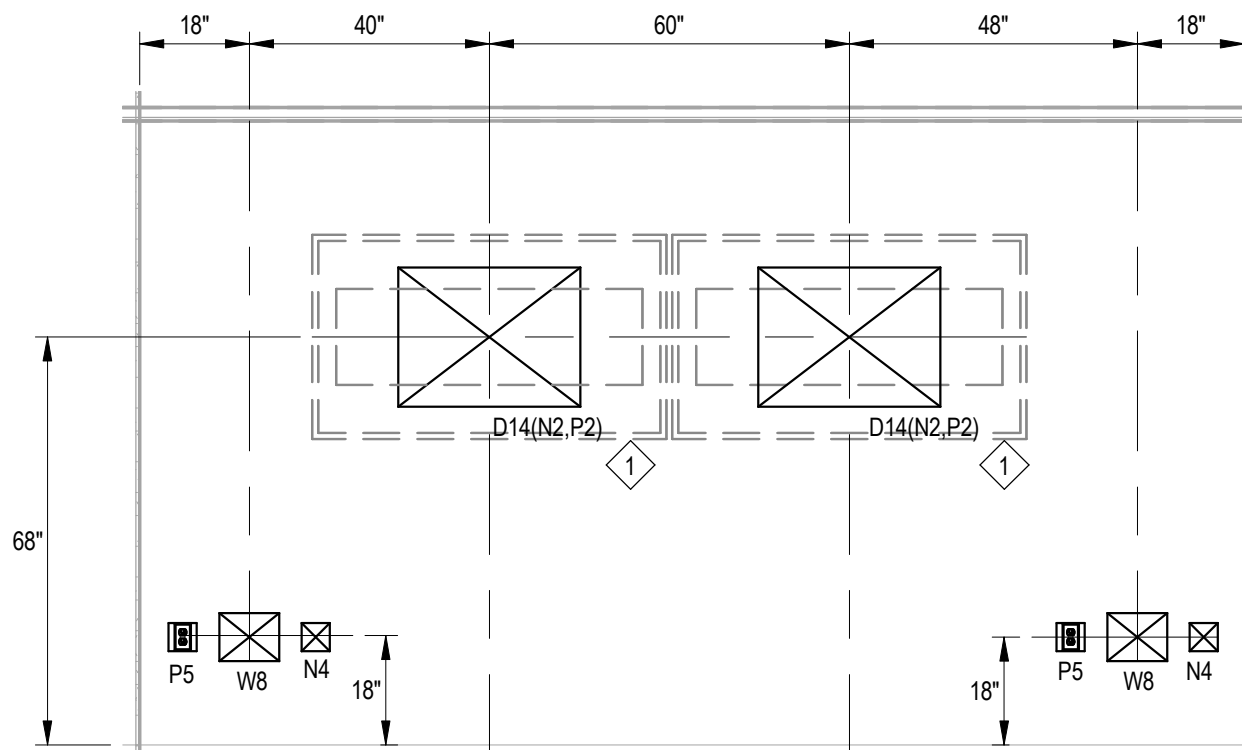
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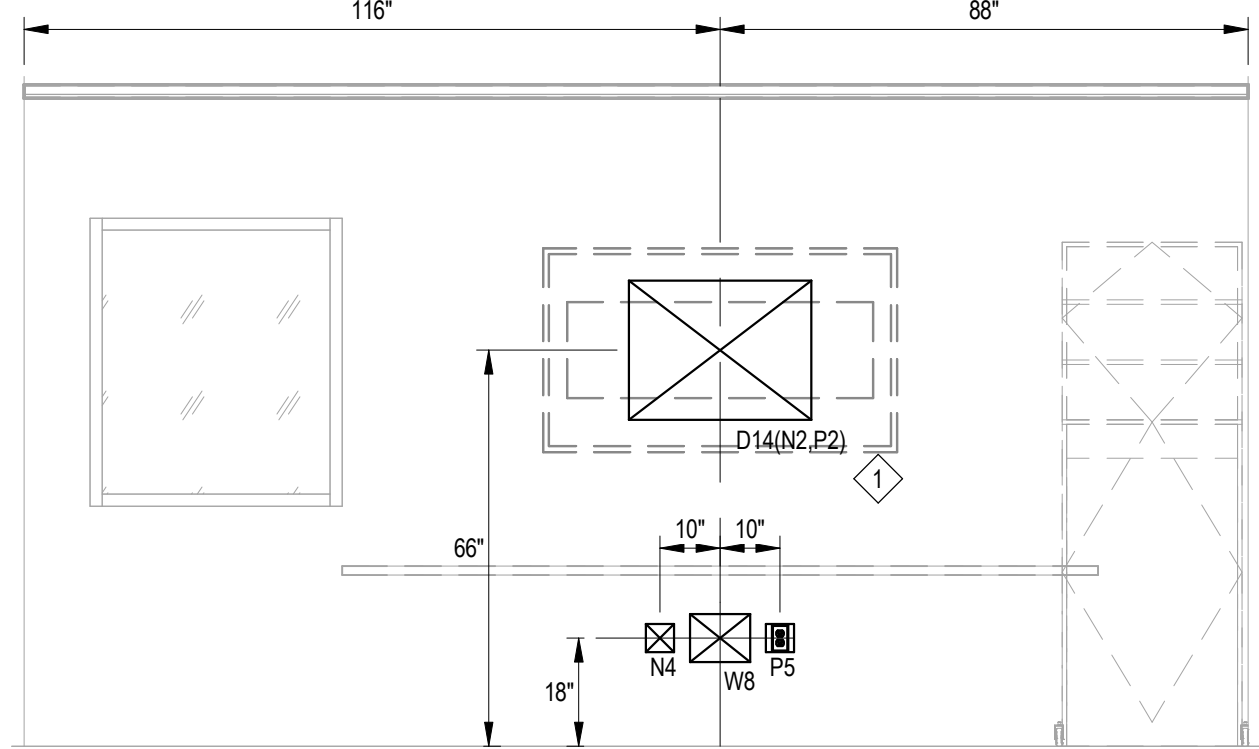
REV. NO.	DESCRIPTION	DATE

AUDIOVISUAL INFRASTRUCTURE  
ELEVATIONS

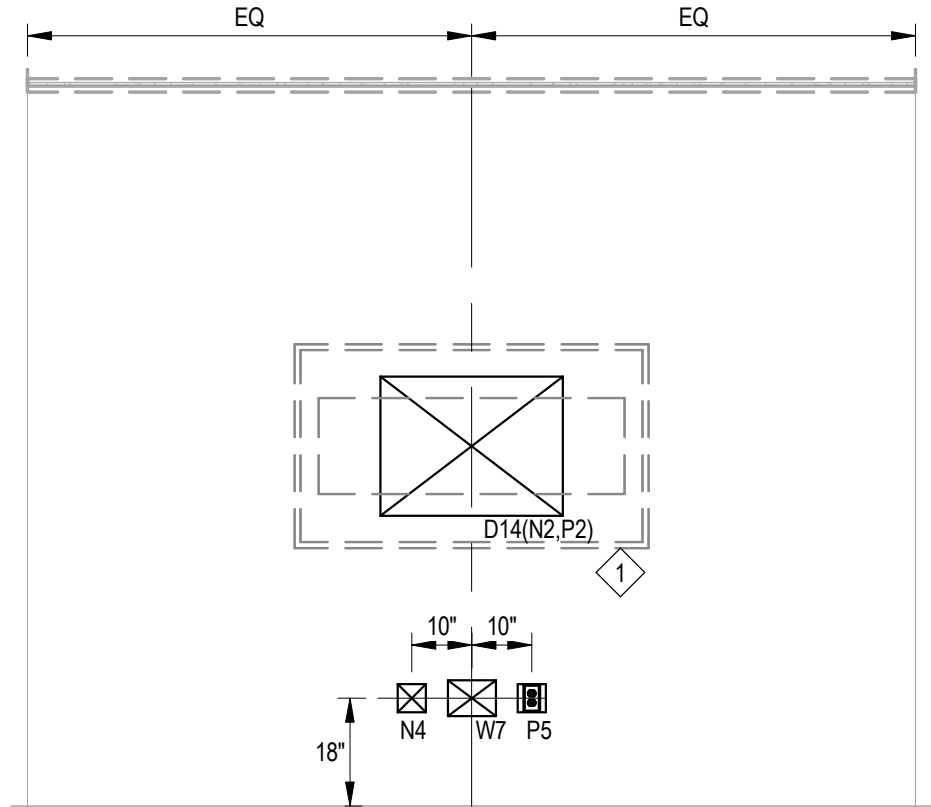
AV7.01



1  
TV CONTROL ROOM - C144  
38' = 1'-0"



2  
AIR STUDIO C132  
38' = 1'-0"



3  
PODCAST - C133  
38' = 1'-0"