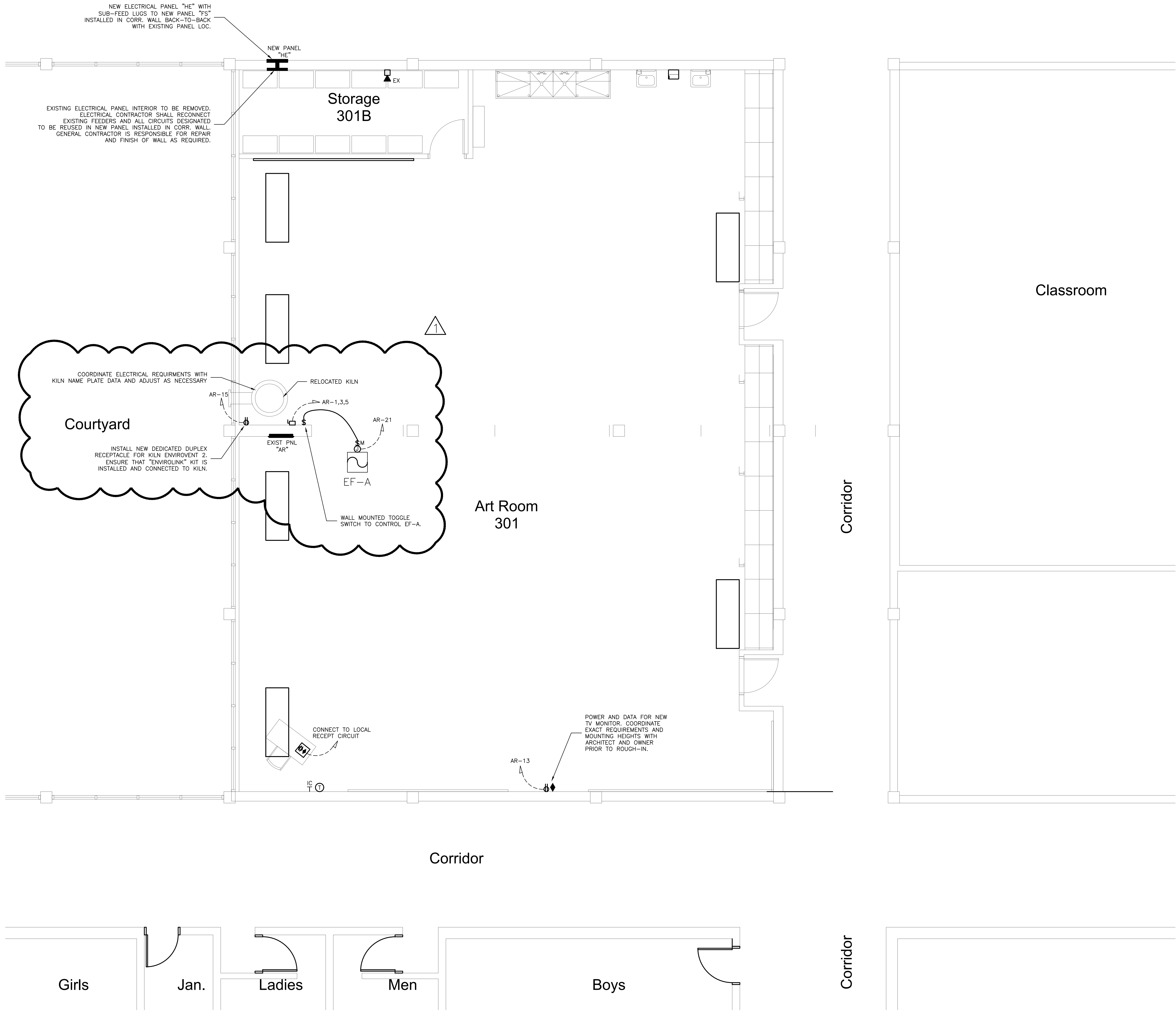
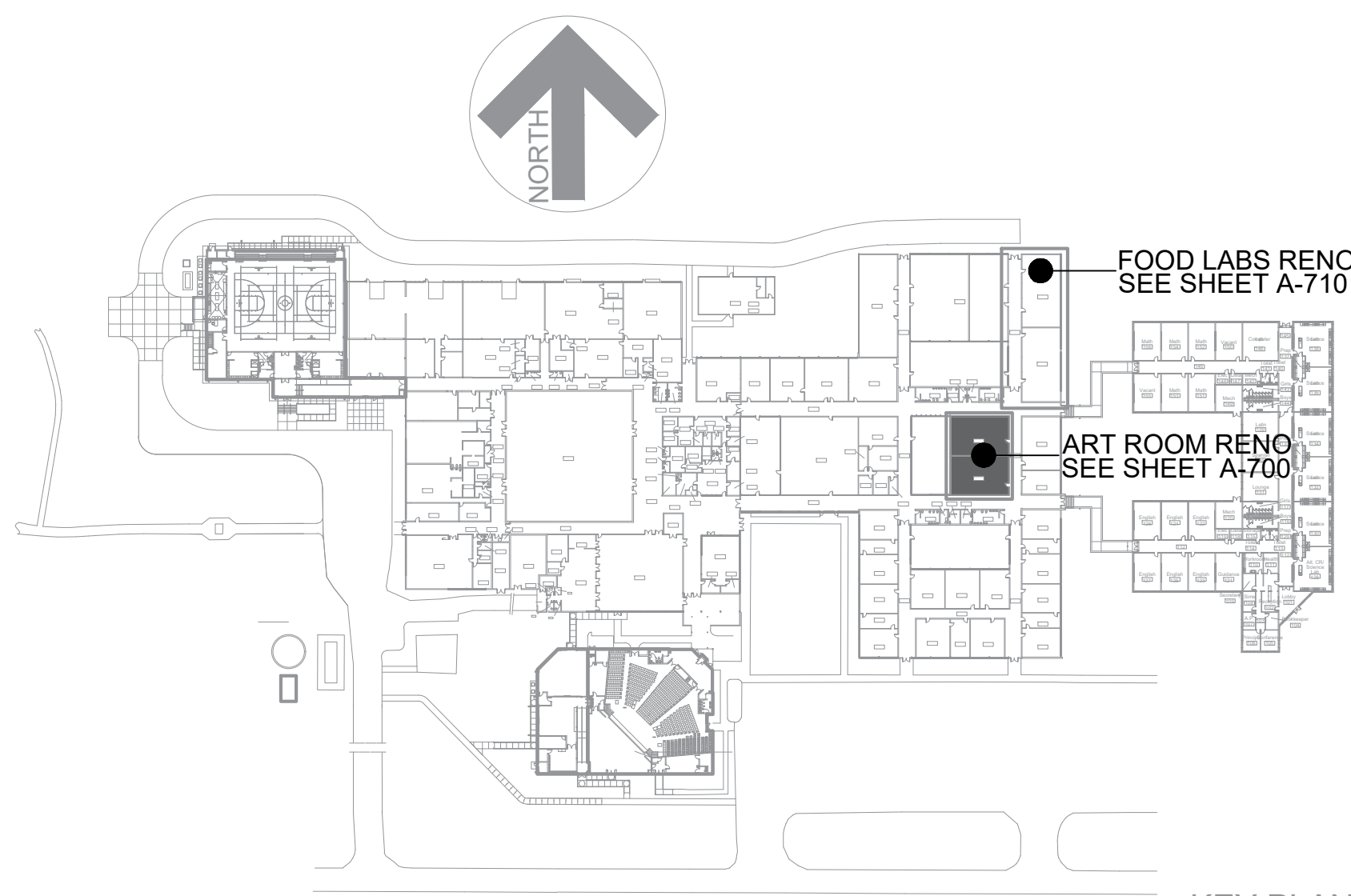


NEW PANELBOARD SCHEDULE - "HE"																																												
MAIN: 225 MCB					VOLTAGE: 208/120					PHASE 3					WIRE: 4					MOUNTING: SURFACE					A/C: 22,000					BUS BARS: COPPER														
#	TRIP	POLE	WIRE SIZE	COND SIZE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	ABC	LTG	REC	MTR	A/C	HTG	KIT	MISC	ABC	DESCRIPTION	COND WIRE SIZE	COND WIRE SIZE	POLE	BKR	TRIP	CKT #																
1	20	1	12	3/4"	FAN COIL				1.6													0.4	RECEPT COUNTER TOP	3/4"	12	1	20	2																
3	20	1	12	3/4"	FAN COIL				1.6													0.4	RECEPT BY SINK	3/4"	12	1	20	4																
5	20	1	12	3/4"	WIRE MOLD UNDER WINDOW				1.2													1.2	COUNTER TOP WIRE MOLD	3/4"	12	1	20	6																
7	20	1	12	3/4"	WIRE MOLD UNDER WINDOW				1.2													0.2	RECEPT (OLD REFRIGERATOR)	3/4"	12	1	20	8																
9	20	1	12	3/4"	RECEPT BY PANEL				0.4													0.2	RECEPT BEHIND SINK	3/4"	12	1	20	10																
11	20	1	12	3/4"	RECEPT (OLD REFRIGERATOR)				0.2													0.4	COUNTER TOP RECEPT	3/4"	12	1	20	12																
13	20	1	12	3/4"	UNKNOWN				0.8														SPARE	3/4"	12	1	20	14																
15	20	1	12	3/4"	UNKNOWN				0.8														SPARE	3/4"	12	1	20	16																
17	20	1			SPARE																		SPARE	3/4"	12	1	20	18																
19	20	1			SPARE																		SPARE				20																	
21	20	1			SPARE																		SPARE				22																	
23	20	1			SPARE																		SPARE				24																	
25	1				SPARE																		SPARE				26																	
27	1				SPARE																		SPARE				28																	
29	1				SPARE																		SPARE				30																	
31	1				SPARE																		SPARE				32																	
33	1				SPARE																		SPARE				34																	
35	1				SPARE																		SPARE				36																	
37	1				SPARE																		SPARE				38																	
39	1				SPARE																		SPARE				40																	
41	1				SPARE																		SPARE				42																	
	200	1	3/0	2"	PANEL "FL" SUB FEED LUGS 4#3/0 & 1-#6 IN 2.5"C	1.1	1.6	9.9	0.0	0.0	11.2	0.9																																
						1.1	2.0	7.9	0.0	0.0	10.3	2.0																																
						0.5	3.2	9.1	0.0	0.0	8.1	3.2																																
LIGHTING (KVA):						2.7	2.7	11.4	30.2	0.0	0.0	29.6	6.1				0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	CONNECTED LOAD (KVA):											82.6								
RECEPTACLES (KVA):						14.0																			DEMAND LOAD (KVA):											70.9								
MOTORS (KVA):						30.2																			PHASE A 29 240.4																			
A/C (KVA):						0.0																			PHASE B 27 221.0																			
HEATING (KVA):						0.0																			PHASE C 27 226.5																			
KITCHEN (KVA):						29.6																			KVA						AMPS	CONNECTED LOAD (AMPS):								229.1				
MISCELLANEOUS (KVA):						6.1																			DEMAND LOAD (AMPS):											196.7								
NOTES: PROVIDE PANEL WITH SUB-FEED LUGS AS INDICATED.																																												

EXISTING PANELBOARD SCHEDULE - "AR"																											
MAIN: 225				VOLTAGE: 208/120				PHASE: 3				WIRE: 4				MOUNTING: SURFACE				AIC: 22,000				BUS BARS: COPPER			
CKT#	BKRR	TRIP	POLE	WIRE SIZE	COND SIZE	DESCRIPTION	LOAD (KVA)					PHASE					LOAD (KVA)					CONC SIZE	WIRE SIZE	POLE	BKRR	TRIP	
							LTG	REC	MTR	A/C	HTG	KIT	MISC	ABC	LTG	REC	MTR	A/C	HTG	KIT	MISC						DESCRIPTION
1																											
3		50	2	6	1"	KILN																					
5		50	2	6	1"	** EXISTING TO REMAIN																					
7																											
9		30	2	10	3/4"	** EXISTING TO REMAIN																					
11																											
13		90	2	15	3/4"	NEW TYPHOONOR																					
15		20	2	1	12	3/4"	+ ENVIROTE 2 FOR KILN																				
17		20	2	1	12	3/4"	RECEPT WALL																				
19		20	2	1	12	3/4"	RECEPT WALL																				
21		20	2	1	12	3/4"	KILN EXHAUST FAN																				
23		20	2	1	12	3/4"	UNKNOWN																				
25		20	2	1	12	3/4"	UNKNOWN																				
27		20	2	1	12	3/4"	SPARE																				
29		30	2	2	10	3/4"	** EXISTING TO REMAIN																				
31																											
33		3	1			SPACE																					
35		1	1			SPACE																					
LIGHTING (KVA)							1.4																				
RECEPTACLES (KVA):							8.0																				
MOTORS (KVA)							1.3																				
A/C (KVA)							0.0																				
HEATING (KVA)							4.5																				
KITCHEN (KVA)							0.0																				
MISCELLANEOUS (KVA)							6.5																				
CONNECTED LOAD (KVA):							0.0	2.0	2.0	1.3	0.0	0.0	0.0	5.5		1.4	6.0	0.0	0.0	4.5	0.0	0.0			20.0		
DEMAND LOAD (KVA):																									21.0		
PHASE A							8																				
PHASE B							9																				
PHASE C							5																				
KVA																											
AMPS																											
CONNECTED LOAD (AMPS):																									57.0		
DEMAND LOAD (AMPS):																									58.0		
NOTES: * INDICATES ADDED BREAKER, * INDICATES REPLACED BREAKER, ** INDICATED EXISTING BREAKER TO REMAIN AS SPARE																											



701.1 ART PLAN POWER PLAN
SCALE: 1/4" = 1'-0"



ES Project No: ES24029

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9/18/24
WILSON FOLK

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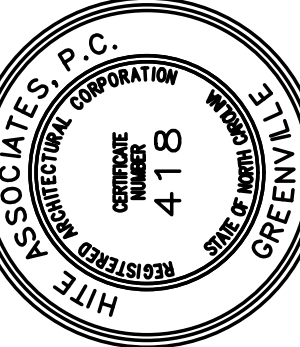
Food Lab And Art Room Renovation
East Carteret High School
3263 Hwy. 70, Beaufort, NC 28516
Carteret County Schools / North Carolina

Project No: 22111

Date: 28 AUGUST, 2024

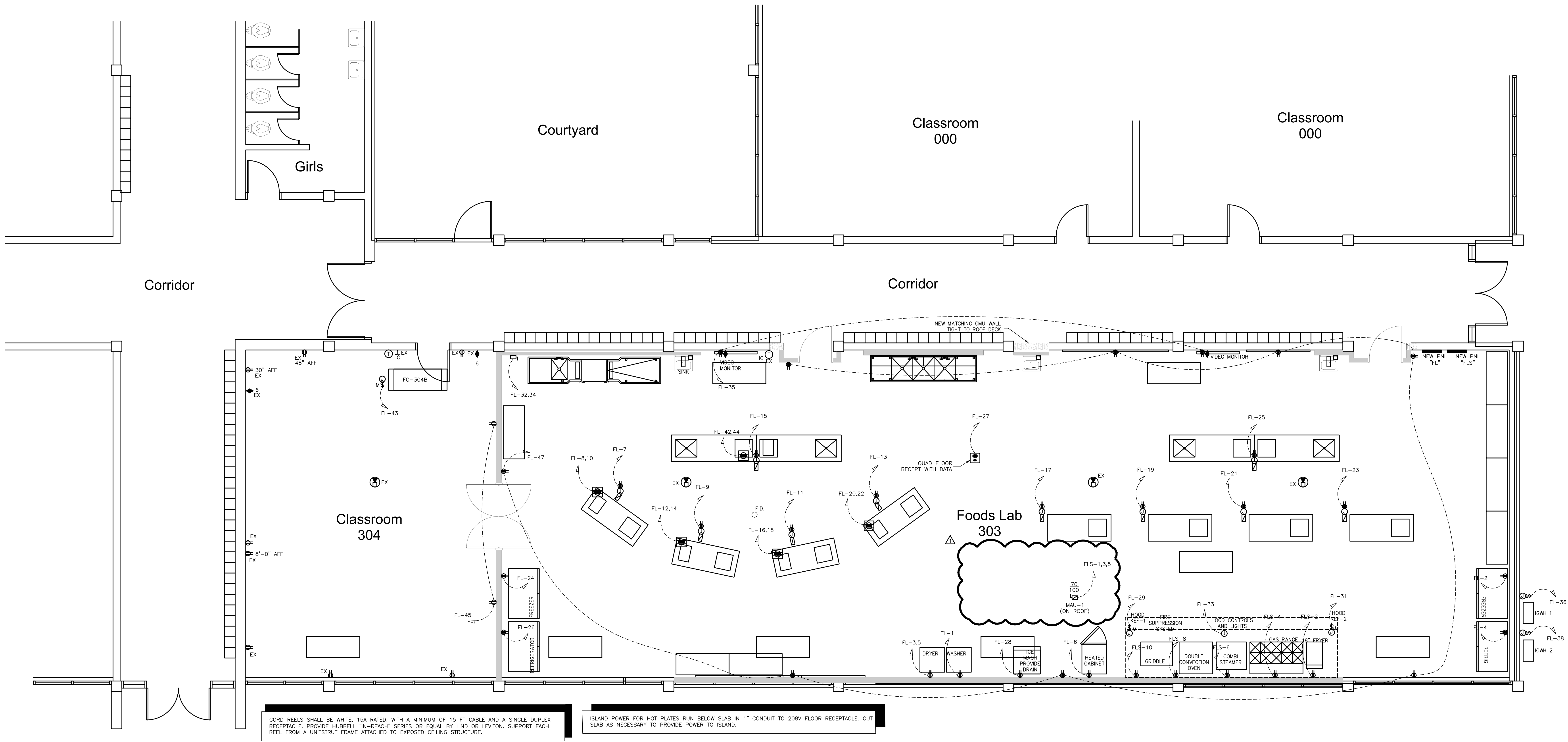
Drawing no.

E
701



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No.	Date	Revision
1	9/18/24	ADDENDUM #1 - REMOVE ART ROOM KILN HOOD



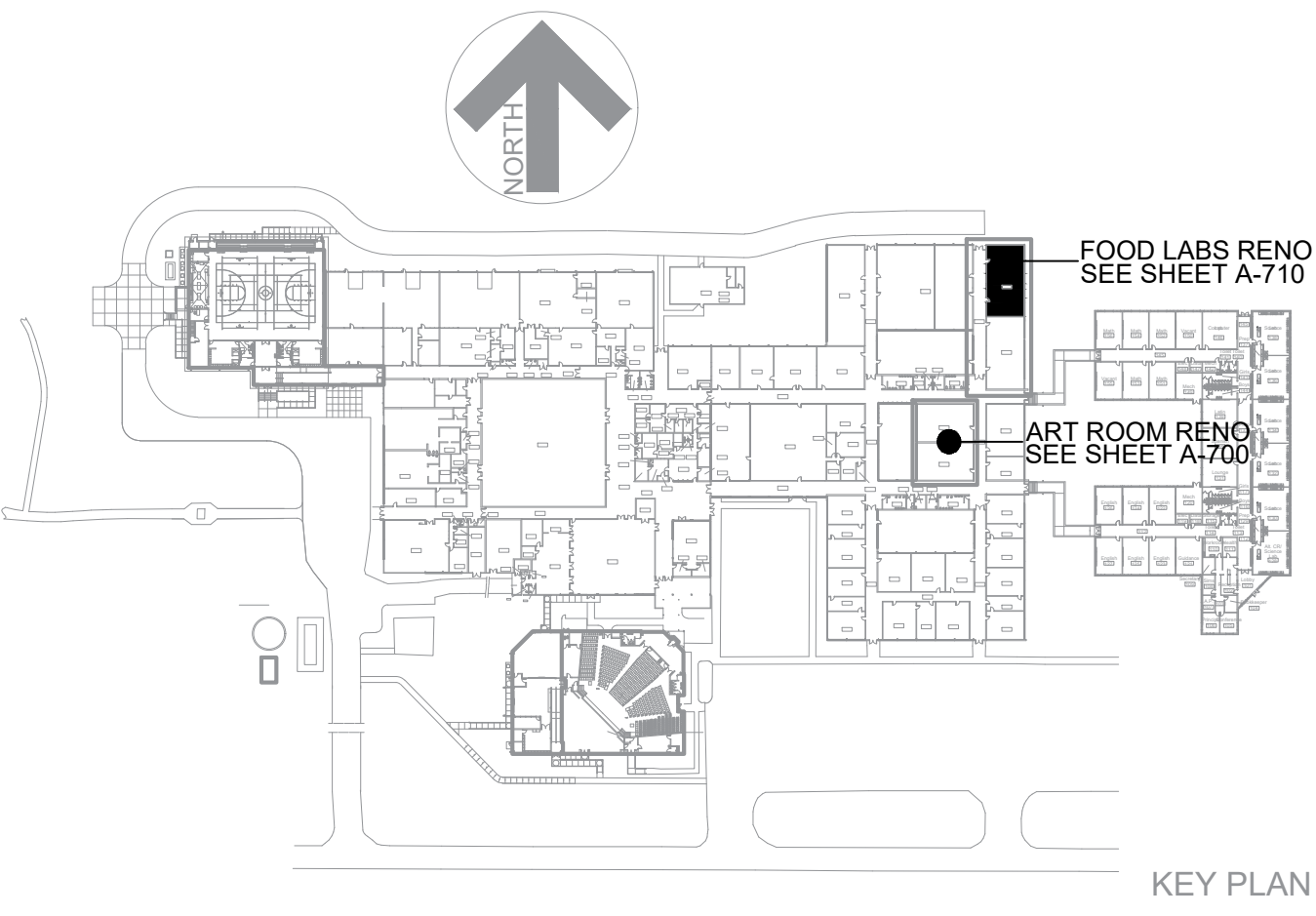
CORD REELS SHALL BE WHITE, 15A RATED, WITH A MINIMUM OF 15 FT CABLE AND A SINGLE DUPLEX RECEPTACLE. PROVIDE HUBBELL "IN-REACH" SERIES OR EQUAL BY LIND OR LEVITON. SUPPORT EACH REEL FROM A UNITSTRUT FRAME ATTACHED TO EXPOSED CEILING STRUCTURE.

ISLAND POWER FOR HOT PLATES RUN BELOW SLAB IN 1" CONDUIT TO 208V FLOOR RECEPTACLE. CUT SLAB AS NECESSARY TO PROVIDE POWER TO ISLAND.

COORDINATE RECEPTACLE AND DATA OUTLET MOUNTING HEIGHTS FOR TV/MONITORS WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN.

711.1 FOOD LAB POWER PLAN

SCALE: 1/4" = 1'-0"



ES Project No: ES24029

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D. Wilson
9/18/24
NORTH CAROLINA
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Project No: 22111

Date: 28 AUGUST, 2024

Drawing No: **711**

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LICENSE NO. 4118
NORTH CAROLINA
9/18/24

Food Lab And Art Room Renovation
East Carteret High School
3263 Hwy. 70, Beaufort, NC 28516
Carteret County Schools / North Carolina

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Revision

1 9/18/24

ADDENDUM #1 - REMOVE ART ROOM KILN HOOD