

M. Angela Foraker

Executive Director, Strategy, Sourcing, & Support

To: All Service Providers

From: M. Angela Foraker, Executive Director

Strategy, Sourcing, & Support

Date: November 4, 2022

Re: Addendum #1 for ITB 21369 - A.J. Rickoff - Life Skills Academy - Range and

Hood Installation

This Addendum shall hereby be and become a part of the Contract Documents the same as if originally bound thereto.

Each proposer shall acknowledge receipt of the Addendum in your proposal response. Failing to acknowledge this Addendum on the Addendum Acknowledgement Form may cause the response to be rejected.

This Addendum #1 reflects the following:

- Responses to Questions
- Electrical Drawings

Chief Executive Officer

Eric S. Gordon

Board of Education

Anne E. Bingham Board Chair

Robert M. Heard Sr. *Vice Chair*

Louise P. Dempsey, Esq. Sara Elaqad, J.D. Denise W. Link Nigamanth Sridhar, Ph.D. Lisa Thomas, Ph.D. Kathleen C. Valdez, Esq.

Ex Officio Members

Alex Johnson, Ph.D. Laura Bloomberg, Ph.D. ITB Due Date: November 9, 2022 at 1:00 PM (EST)

Mailing of ITB Responses is encouraged. However, hand deliveries will be accepted only from 12:00 pm to 1:00 pm in the Welcome Center on the 1st Floor at 1111 Superior E, Cleveland,

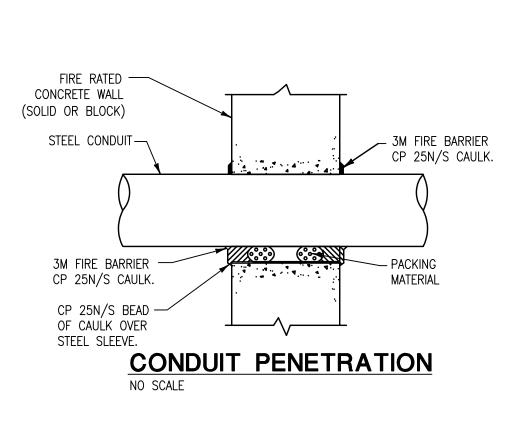
Ohio 44114

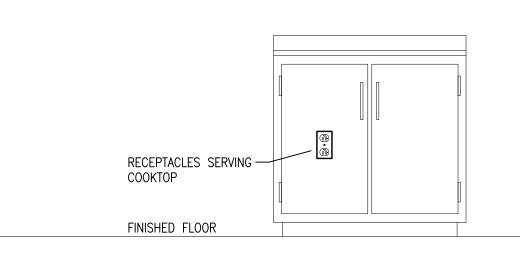
Responses to Questions

What is the project completion date?
April 1, 2023
What is the expedited completion date?
March 1, 2023
What are the hours of operations?
The school hours are 7:35 am - 2:05 pm. The CMSD custodian is required to be onsite during construction. Therefore, contractors are required to report work hours at the start of the job. A. J. Rickoff School is an occupied site. Therefore, disciplines that would be disruptive to learning must move to weekend and second shift. Loud disruptive activities should be avoided during the school day. This might include core drilling, use of power tools, loud demolition and wall construction. Running cable, electrical, installation of lights, plumbing, painting, installation of ceiling tiles and floor tiles could be completed during the school day as long as it does not disrupt learning.
Is there technology or fire suppression work in the package?
No technology. Yes, there is fire suppression for the hoods.
Who will be the Project Administer?
Dan Bickerstaff with Ubiquitous Design.
Is this a prevailing wage job?
Yes

7.	Please provide the location of the new location of the new electrical panel "RP2C", transformer, and disconnect. On drawing E1.1, it indicates the new electrical equipment being across the hallway from life skills classroom. We found this space to be office spaces and seems to be strange place to install a electrical equipment?	
	See attached.	
8.	Are workers required to provide an FBI and BCI background checks?	

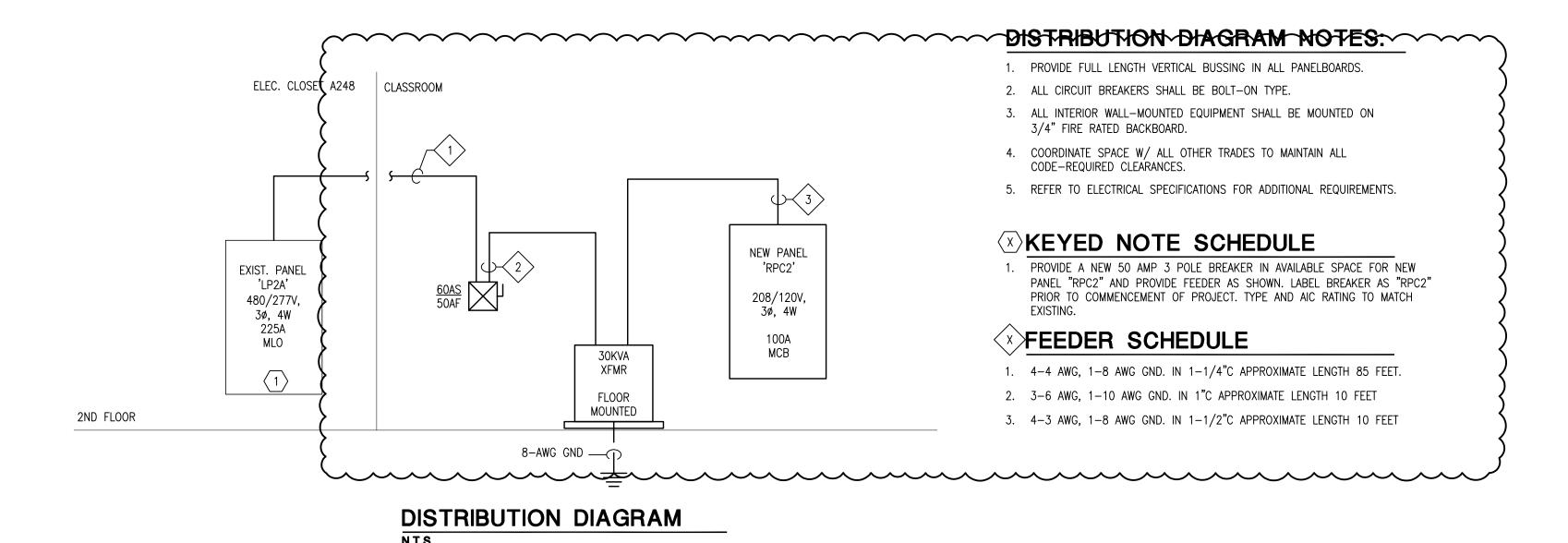
Yes, both are required. This can be done at the CMSD East Professional Center located at 1349 E. 79^{th} St., Cleveland, OH. Hours of operations will be listed within a link that will be provided to the successful bidder. Please provide a cashier's check, money order, or debit card for \$47.25. The results will be available 30 days from filing. The phone number for Safety & Security is 216/838-0467 if you have any questions.

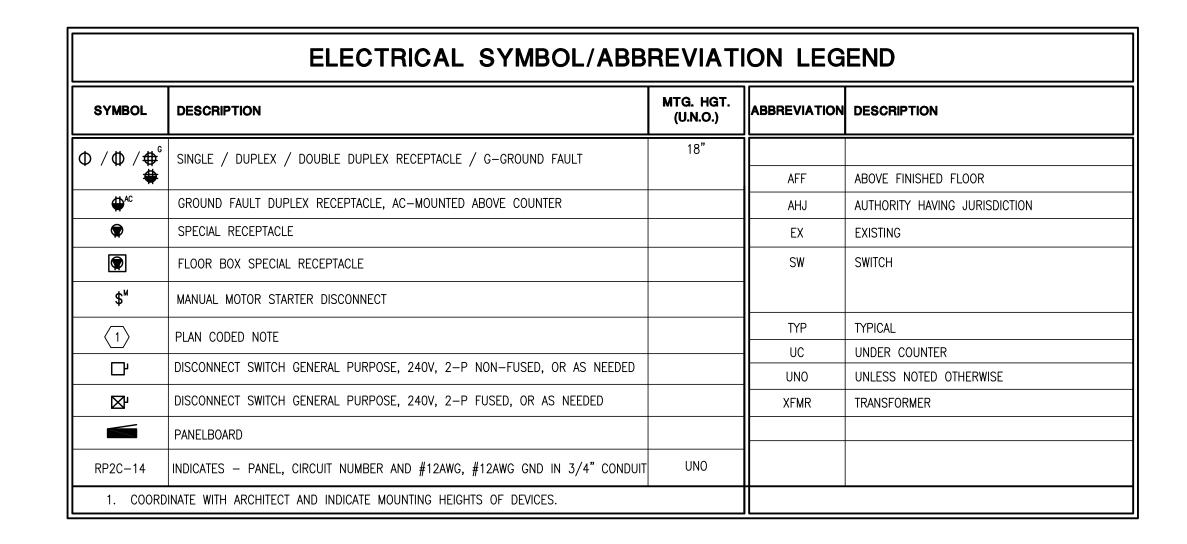




TYPICAL DEVICE MOUNTING DETAIL

- 1. ALL MOUNTING HEIGHTS SHALL BE MEASURED FROM FINISHED FLOOR TO THE CENTERLINE OF DEVICE.
- 2. NO WIRING DEVICES OR OUTLET BOXES SHALL BE MOUNTED BACK TO BACK.
- 3. ALL MOUNTING DEVICES SHALL BE INSTALLED AT MOUNTING HEIGHTS AS INDICATED ON THIS DETAIL UNLESS OTHERWISE





	CIRCUIT BREAKER PANEL:	LP2A	,	VOLTAGE:	277	7/480V-3Ø-	4W	MAINS:	225	MLO	TYPE: NQOD • SURF MTD	
NO.	DESCRIPTION	C/B	LOAD	KVAC	PH-A	PH-B	PH-C	KVAC	LOAD	C/B	DESCRIPTION	NO
1	Existing Lighting	20/1	LTG	3.4	5.7	XXXXXXX	XXXXXXX	2.3	LTG	20/1	Existing Lighting	2
3	Existing Lighting	20/1	LTG	2.7	XXXXXXX	5.5	XXXXXXX	2.8	LTG	20/1	Existing Lighting	4
5	Existing Lighting	20/1	LTG	1.6	XXXXXXX	XXXXXXX	2.5	0.9	LTG	20/1	Existing Lighting	6
7	Existing Lighting	20/1	LTG	1.5	3.7	XXXXXXX	XXXXXXX	2.2	LTG	20/1	Existing Lighting	8
9	Existing Lighting	20/1	LTG	3.5	XXXXXXX	6.2	XXXXXXX	2.7	LTG	20/1	Existing Lighting	10
11	Existing Lighting	20/1	LTG	3.2	XXXXXXX	XXXXXXX	5.5	2.3	LTG	20/1	Existing Lighting	12
13	SPARE	20/1			2.3	XXXXXXX	XXXXXXX	2.3	LTG	20/1	Existing Lighting	14
15	Existing HAVC Boxes	20/1	HTG	2.9	XXXXXXX	2.9	XXXXXXX			20/1	SPARE	16
17	Existing HAVC Boxes	20/1	HTG	2.9	XXXXXXX	XXXXXXX	5.8	2.9	HTG	20/1	Existing HAVC Boxes	18
19	Existing HAVC Boxes	20/1	HTG	1.9	4.8	XXXXXXX	XXXXXXX	2.9	HTG	20/1	Existing HAVC Boxes	20
21	Existing HAVC Boxes	20/1	HTG	1.9	XXXXXXX	3.8	XXXXXXX	1.9	HTG	20/1	Existing HAVC Boxes	22
23	SPARE	20/1			XXXXXXX	XXXXXXX	1.9	1.9	HTG	20/1	Existing HAVC Boxes	24
25	SPARE	20/1			0.0		XXXXXXX				Space	26
27	SPARE	20/1			XXXXXXX	0.0	XXXXXXX				Space	28
29	SPARE				XXXXXXX		0.0				Space	30
31	Space				19.0		XXXXXXX	19.0	KITCH		Transformer	32
33	Space				XXXXXXX		XXXXXXX	20.1	KITCH	50/3	30KVA/Panel LPAC	34
35	Space				XXXXXXX	XXXXXXX	18.9	18.9	KITCH		OUTCOVER ATTENDED TO	
					0.0		XXXXXXX					
					XXXXXXX		XXXXXXX					
						XXXXXXX	0.0					
LOAD	SUMMARY	LTG	REC	A/C	HTG	VENT	KITCH	MISC	COMP	OTHER		BA
	KVAC	31.4	0.0	0.0	19.2	0.0	58.0	0.0	0.0	0.0	108.6	-0.
	SF	1.25	NEC	0.00	1.00	1.25	0.43	1.00	1.00	1.00		2.3
	KVAS	39.3	0.0	0.0	19.2	0.0	24.9	0.0	0.0	0.0	83.4	-1.
FEEDE	RCALCS	PH-A	PH-B	PH-C	TOTAL	MCA	OCP	SPARE	SCA	AIC	FEEDER SOURCE	CI
	KVAC	35.5	38.5	34.6	108.6	100	225	55%	<10K	10K	DP2	0

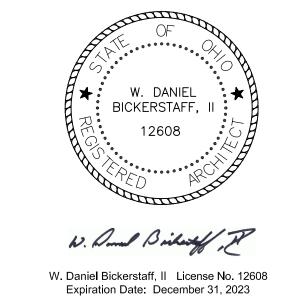
	CIRCUIT BREAKER PANEL:	RPC2	'	VOLTAGE:	120	0/208V-3Ø-	4W	MAINS:	100	MCB	TYPE: NQOD • SURF M TD	
NO.	DESCRIPTION	C/B	LOAD	KVAC	PH-A	PH-B	PH-C	KVAC	LOAD	C/B	DESCRIPTION	NO.
1	Receptacle Cooktop	50/2	KITCH	4.0	8.0	XXXXXXX	XXXXXXX	4.0	KITCH	50/2	Receptacle Cooktop	2
3	Receptable Cooktop	30/2	KITCH	4.0	XXXXXXX	8.0	XXXXXXX	4.0	KITCH	30/2	Receptacle Cooktop	4
5	Receptacle Cooktop	50/2	KITCH	4.0	XXXXXXX	XXXXXXX	8.0	4.0	KITCH	50/2	Receptacle Cooktop	6
7	Receptable Cooktop		KITCH	4.0	8.0	XXXXXXX	XXXXXXX	4.0	KITCH		Neceptacie Cooktop	8
9	Receptacle Cooktop	50/2	KITCH	4.0	XXXXXXX	8.0	XXXXXXX	4.0	KITCH	50/2	Receptacle Cooktop	10
11	Receptable Cooktop	50/2	KITCH	4.0	XXXXXXX	XXXXXXX	8.0	4.0	KITCH	30/2	Receptacle Cooktop	12
13	Fridge/Freezer	20/1	KITCH	0.9	1.8	XXXXXXX	XXXXXXX	0.9	KITCH	20/1	Fridge/Freezer	14
15	Receptacle Air Fryer	20/1	KITCH	1.7	XXXXXXX	3.4	XXXXXXX	1.7	KITCH	20/1	Receptacle Air Fryer	16
17	Exhaust Hoods	20/1	KITCH	1.2	XXXXXXX	XXXXXXX	2.9	1.7	KITCH	20/1	Receptacle Air Fryer	18
19	Exhaust Hoods	20/1	KITCH	1.2	1.2	XXXXXXX	XXXXXXX				SPACE	20
21	Exhaust Hoods/EF-6	20/1	KITCH	0.7	XXXXXXX	0.7	XXXXXXX				SPACE	22
23	SPACE				XXXXXXX	XXXXXXX	0.0				SPACE	24
25	SPACE				0.0	XXXXXXX	XXXXXXX				SPACE	26
27	SPACE				XXXXXXX	0.0	XXXXXXX				SPACE	28
29	SPACE				XXXXXXX	XXXXXXX	0.0				SPACE	30
					0.0	XXXXXXX	XXXXXXX					
					XXXXXXX	0.0	XXXXXXX					
					XXXXXXX	XXXXXXX	0.0					
					0.0	XXXXXXX	XXXXXXX					
					XXXXXXX	0.0	XXXXXXX					
					XXXXXXX	XXXXXXX	0.0					
LOAD	SUMMARY	LTG	REC	A/C	HTG	VENT	KITCH	MISC	COMP	OTHER		BAL
	KVAC	0.0	0.0	0.0	0.0	0.0	58.0	0.0	0.0	0.0	58.0	-0.3
	SF	1.25	NEC	1.25	1.25	1.25	0.43	1.00	1.00	1.00		8.0
	KVAS	0.0	0.0	0.0	0.0	0.0	24.9	0.0	0.0	0.0	24.9	-0.4
FEEDE	RCALCS	PH-A	PH-B	PH-C	TOTAL	MCA	OCP	SPARE	SCA	AIC	FEEDER SOURCE	СК
	KVAC	19.0	20.1	18.9	58.0	69	100	31%	<10K	22K	LPA2/VIA XFMR	OK

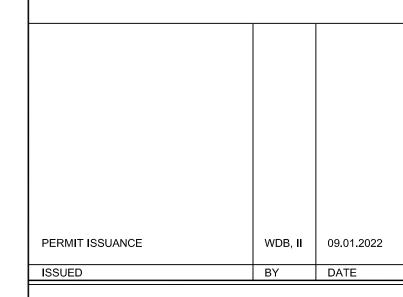


Project Team:

Architect







ANDREW J. RICKOFF SCHOOL

Interior Alteration

LIFE SKILLS ACADEMY

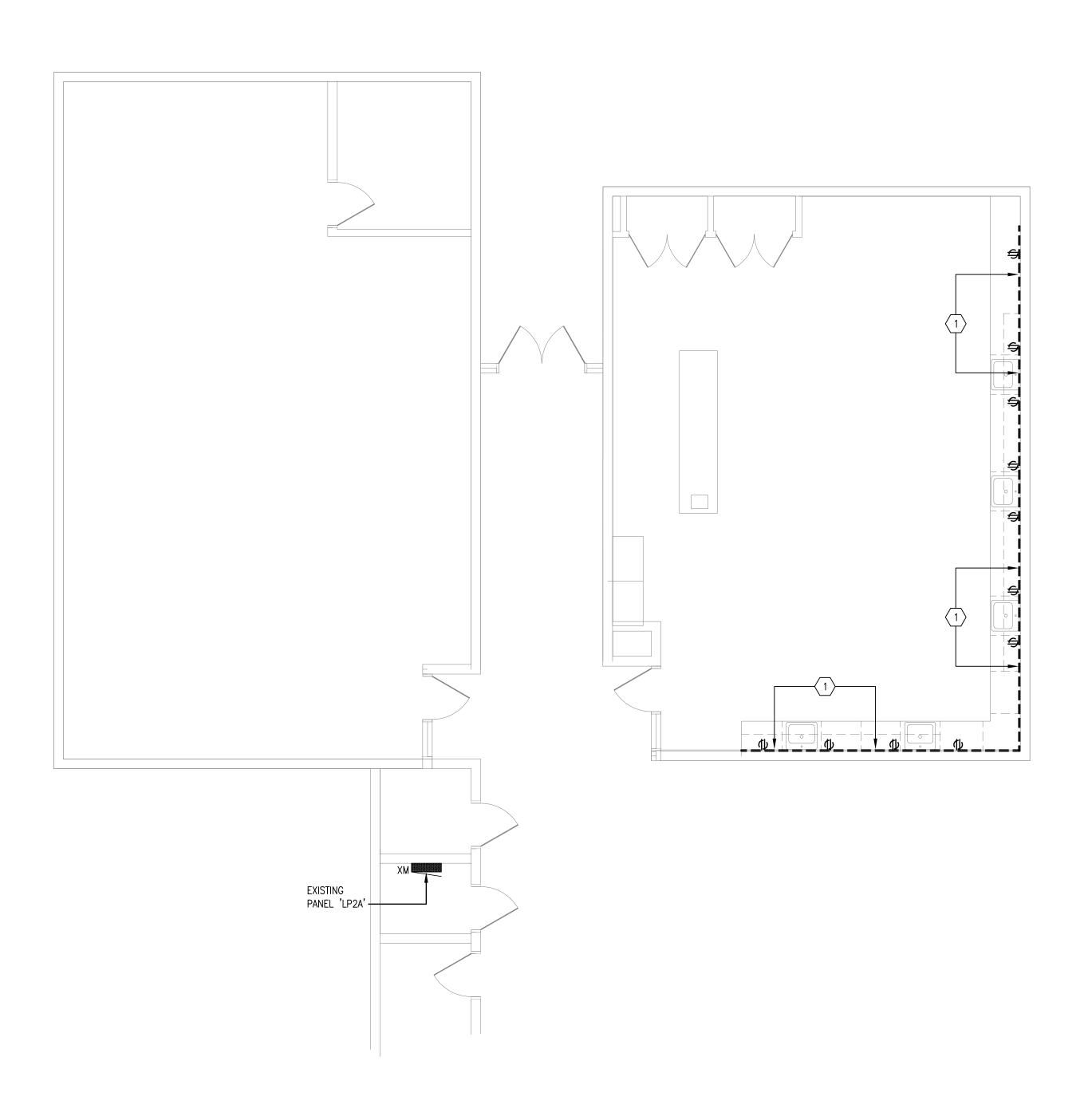
3500 East 147th Street Cleveland, OH 44120

Hollie Dellisanti EDUCATOR, Exec. Dir. Architectural Projects, Capital Projects Checked by: WDB, II

SYMBOL LEGEND AND ELECTRICAL **DISTRIBUTION DIAGRAM**

08.15.2022

E0.1



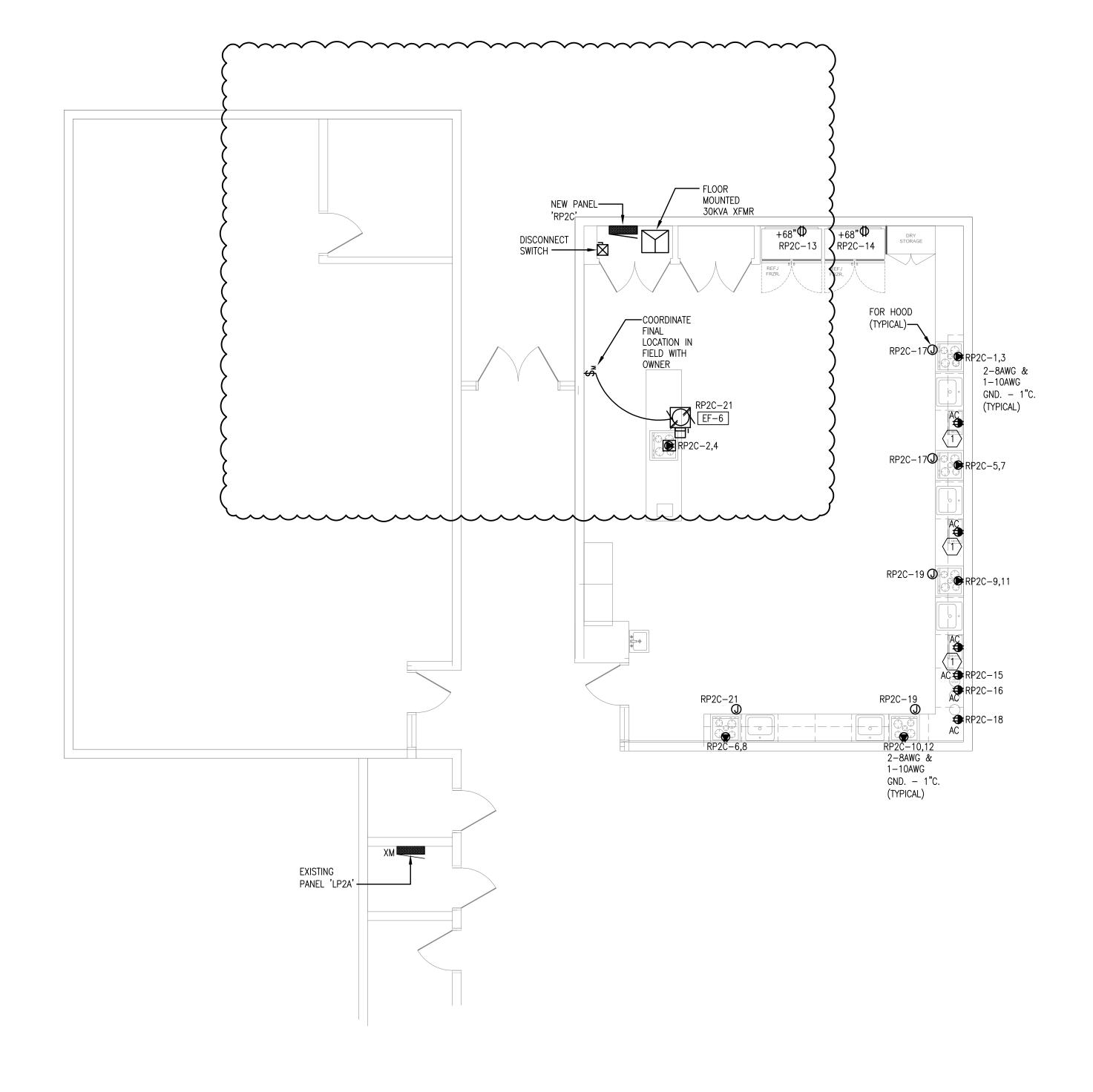


DEMOLITION NOTES:

- PERFORM ALL DEMOLITION OF EXISTING ELECTRICAL SYSTEMS AS INDICATED ON ELECTRICAL AND ARCHITECTURAL PLANS OR NECESSARY FOR THE PROJECT. REMOVE FROM SITE AND PROPERLY DISPOSE OF ALL MATERIAL AND DEBRIS FROM THIS WORK.
- 2. DEMOLITION DRAWINGS ARE GENERAL IN NATURE SHOWING THE SCOPE OF DEMOLITION WORK. CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH THE QUANTITY OF LUMINAIRES, OUTLETS, ETC. REMOVE ALL EQUIPMENT AND DEVICES NO LONGER REQUIRED FOR FINISHED CONSTRUCTION. REMOVE CONDUITS BEYOND NEW SURFACES. REMOVE ALL EXISTING WIRE FROM CONDUIT BACK TO POINT OF COMMON USE OR TO PANELS.
- 3. FOR ALL DEVICES AND BEING REMOVED, REMOVE RELATED CONDUIT AND WIRING TO SOURCE. RE-LABEL EXISTING CIRCUIT BREAKERS AS "SPARE" WHEN LOAD IS COMPLETELY REMOVED OR REVISE LABEL ON PANEL DIRECTORY APPROPRIATELY AND SET BREAKER TO THE 'OFF' POSITION.
- 4. PATCH ALL SURFACES TO MATCH SURROUNDING FOR DEVICES BEING REMOVED FROM EXISTING WALLS TO BE MAINTAINED. ALL CIRCUITS WHICH ARE REQUIRED TO REMAIN ACTIVE SHALL BE MAINTAINED OR REWORKED AS REQUIRED. ANY EXISTING CIRCUITS OR CABLING SYSTEMS SERVING AREAS NOT AFFECTED BY DEMOLITION SHALL BE MAINTAINED.
- 5. ALL CIRCUITS SHALL BE VERIFIED WITH EXISTING DRAWINGS AND ACTUAL FIELD CONDITIONS PRIOR TO BEGINNING DEMOLITION.
- 6. THE OWNER RESERVES THE RIGHT OF SALVAGE FOR ALL EXISTING ELECTRICAL EQUIPMENT PRIOR TO DEMOLITION. THE CONTRACTOR SHALL REVIEW ALL MATERIALS AND DELIVER TO THE OWNER THOSE REQUIRED IN THEIR EXISTING CONDITION. ALL OTHER MATERIAL SHALL BE REMOVED BY THIS CONTRACTOR.
- 7. ALL WORK SHOWN LIGHT IS EXISTING TO REMAIN UNLESS NOTED OTHERWISE.
- 8. ALL WORK SHOWN DARK OR DARK/DASHED SHALL BE DISCONNECTED AND REMOVED IN ITS ENTIRETY UNLESS NOTED OTHERWISE.

EXECUTE EXECUTE EXECU

1. DISCONNECT AND REMOVE EXISTING SURFACE MOUNTED RACEWAY ALONG WITH POWER DEVICES MAINTAIN BRANCH CIRCUIT WIRING FOR FUTURE CONNECTION OF NEW DEVICE.



1 FIRST FLOOR PARTIAL ELECTRICAL PLAN

SCALE: 3/16" = 1'-0"

GENERAL NOTES:

ANNOTATION LEGEND

DENOTES EXISTING TO BE MAINTAINED

1. ALL DEVICES, EQUIPMENT, LUMINAIRES, ETC., MUST BE GROUNDED BY USE OF A PROPERLY SIZED GROUNDING CONDUCTOR. MECHANICAL/ELECTRICAL BONDS OF THE METALLIC RACEWAY SYSTEM SHALL ALSO

- 2. BRANCH CIRCUIT WIRE SIZES (AND CONDUITS) SHALL BE INCREASED FROM THESE INDICATED ON THE PLANS TO PREVENT EXCESSIVE VOLTAGE DROP. BRANCH CIRCUITS SHALL BE INSTALLED WITH WIRES OF SUFFICIENT SIZE SO THAT VOLTAGE DROP BETWEEN THE PANEL AND THE LOADS DOES NOT EXCEED A LIMIT OF 3%.
- 3. CIRCUITS MAY BE COMBINED IN CONDUIT PROVIDED WIRE IS PROPERLY DE-RATED AND CONDUIT SIZED PER CODE. UNDER NO CIRCUMSTANCES SHALL MORE THAN NINE (9) CURRENT CARRYING CONDUCTORS BE RUN IN A SINGLE CONDUIT.
- 4. ALL CONDUITS SHALL CONTAIN A GROUND WIRE SIZED PER NEC TABLE #250-122. WHERE CIRCUIT CONDUCTORS ARE INCREASED IN SIZE FOR VOLTAGE DROP, THE GROUND WIRE SIZE SHALL BE INCREASED PROPORTIONATELY (ACCORDING TO CIRCULAR MIL AREA) FROM THE SIZE REQUIRED BY NEC TABLE #250-122
- 5. EXPOSED CONDUITS, WHERE PERMITTED, SHALL BE RUN PARALLEL TO OR AT RIGHT ANGLES TO BUILDING STRUCTURAL MEMBERS.
- 6. ALL DEVICES SHALL BE WHITE WITH MATCHING COVERPLATES, UNLESS NOTED OTHERWISE.

XKEYED NOTE SCHEDULE

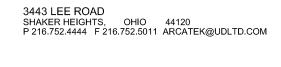
CONNECT TO SPARE DEDICATED CIRCUIT MADE AVAILABLE PER DEMOLITION. E.C. SHALL CONFIRM ALL CIRCUITS IN FIELD AND ADJUST AS REQUIRED.

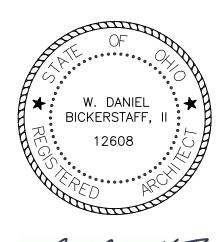


Project Team:

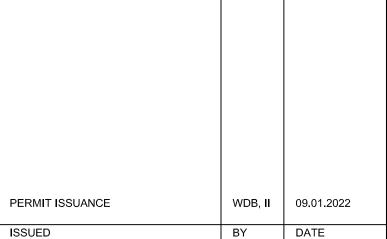
Architect







W. Daniel Bickerstaff, II License No. 12608
Expiration Date: December 31, 2023



ANDREW J.
RICKOFF SCHOOL

Interior Alteration

LIFE SKILLS ACADEMY

3500 East 147th Street Cleveland, OH 44120

Hollie Dellisanti EDUCAT Architectural Projects, Ca	*	Date
Consultant Project #	Drawn by:	Checked by: WDB, II
ELI	ECTRICAL	FLOOR
PL	ANS	

5.2022 E