Bidding Addendum

Addendum No. 2

Issue Date:	October 20, 2026	**CPL Project No:**	R25.19314.00
Client:	Lakeland Community College	**Client Project No:**	TK26SEP30
Project:	“Breakers” Food Service Renovation		
From:	CPL Architects, Engineers, Landscape Architect D.P.C. 25 Main Street, Suite 200 Westlake, Ohio 44145	**Contact:**	Kiernan Weese kweese@cplteam.com
Distribution To:	All Pre-Bid Attendees Lakeland Community College Tec Inc. TriMark USA	**Contact:**	N/A

This Addenda forms a part of the Bid Documents and modifies the original Bid Documents, dated 9/28/2026. Bidders shall acknowledge receipt of this Addendum in accordance with the bidding requirements. Except as specifically modified herein and in the attached documents, all other requirements of the Bid Documents remain unchanged and in full force and effect.

Bidders are responsible for reviewing the contents of this Addendum and incorporating all modifications into their bids. Failure to acknowledge receipt of this Addendum or incorporate its requirements shall not relieve the successful bidder of its obligation to perform the Work in accordance with the revised Bid Documents.

The Bidder shall promptly notify CPL of any inconsistency, ambiguity, omission, or conflict identified within this Addendum or between this Addendum and the other Bid Documents.

RFI responses included within this Addendum are issued as clarifications to the Bid Documents. Bidders shall base their bids on the requirements as clarified and revised by this Addendum.

RFIs

See below for Requests for Information that were requested verbally during the walkthrough.

RFI 8.1 — Drawing E001 requires the Electrical Contractor to furnish and install data cabling and terminate all new data cabling at the existing patch panel located in Room S-209A. During the site walk, it was observed that the existing vertical pathway identified within the second-floor server room is currently at capacity with existing low-voltage cabling. Based on existing conditions, it is assumed that a new vertical pathway will be required to route the new data cabling from the first floor to the second floor. This would likely require a new core-drilled penetration and sleeve through the existing floor assembly. Please confirm whether the proposed pathway and new core-drilled floor penetration are acceptable for routing the new data cabling to Room S-209A. Additionally, please provide the required sleeve and firestopping requirements for penetrations through horizontal surfaces.

Answer — *GC should provide a 4" new core drill and sleeve through the floor of the second floor for the new data cabling beside the existing IT rack*

RFI 9.1 — Specification Section 10 26 00, Paragraph 2.03 – Product Types lists the specifications for CG 1, 2, & 3. On Drawing I400 – Wall Protection Plan, only the locations of CG 1 & 2 are shown on the floor plan. Other than on the Interior Finish Schedule (Drawing I000), information on CG – 3 is not provided on the drawings.

Answer — *CG-3 is not required on the project and has been removed from Specification Section 10 26 00.*

RFI 10.1 — There is one wood door detailed on the job (Door Number 103A) but there are no specifications for it. Please provide the wood door specification, or at minimum the veneer species, grade, and finish.

Answer — *Door 102A is to be hollow metal. Please refer to Addendum #2 drawings.*

RFI 11.1 Since the scope of work to inspect and make proper repairs/alterations for the 3 hoods’ Ansul system is unknown, should all GCs carry an allowance of $4,500.00 to cover all Ansul work, including decommission of the 4th hood?

Answer *Because the condition of the type 1 kitchen hoods is unknown, contractors shall carry an allowance of $4,500 for the inspection and repair work specified in the drawings. This allowance will also include the decommissioning of the pizza oven hood, but will not include the relocation of the deep fryer hood.*

RFI 12.1 QF001 Note 15 vs P301 Note 3, P001 isometric - Foodservice note says "furnish and install grease trap/interceptor(s) as specified by the plumbing engineer." Plumbing sheets show the existing 500-gal GI to remain and no new interceptor. Confirm no new grease interceptor is required. Has the existing GI been evaluated for the added fryer, dump sink and well load? Who pumps and inspects it before tie-in?

Answer *Grease Interceptor is ETR and sized appropriately for the new kitchen plan. Grease Interceptor cleaning and inspection is not included in the scope of this project.*

RFI 12.2 QF001 / QF201 / QF202 plumbing notes vs P001 detail - Foodservice notes require the PC to furnish "RPZ (reduced pressure zone) valves... as required." P001 shows 3/8" ASSE 1022 dual-check (Watts SD-3, typ. 4) at beverage equipment. Which governs? Identify any location where an RPZ (ASSE 1013) is required, and whether the local water purveyor requires testable devices.

Answer *No Asse 1013 RPZ BFPs are required for this project. Building is already protected by BFP.*

RFI 12.3 P301 Note 6; P001 gas diagram - New load of 456 MBH (3 fryers at 122 MBH + griddle at 90 MBH) connects to the existing 1-1/2" gas line. No supply pressure, developed length or existing connected load is shown. Has the engineer verified the existing 1-1/2" line, regulator and meter can carry 456 MBH plus existing loads? Who performs the load calculation and any gas utility coordination? Is an upsized line or meter upgrade anticipated?

Answer *The proposed gas plan was sized by comparing it to the existing configuration, rather than analyzed from the meter. The existing 3 fryers are fed from a 1-1/4” natural gas pipe and are being replaced with 3 similar fryers. Due to the addition of a gas griddle, the pipe was increased by 1 size to account and the branch was verified to be sized correctly. A meter upgrade is not necessary due to a net loss of gas load when considering the pizza oven removal.*

RFI 12.4 P001 gas diagram; H-sheets - Electronic gas shutoff interlocked with hood fire suppression. Who furnishes the electronic valve (KEC, Ansul vendor or PC), and who wires and tests the interlock?

Answer *The plumbing contractor shall provide and install the new valve. Interlock shall be wired by Electrical Contractor. Other replacements deemed required by the kitchen hood inspection shall follow these same scope assignments.*

RFI 12.5 QF001 Notes 18, 19; P001 - Foodservice notes say water heaters are "sized by the plumbing engineer" and require 110°F supply. No water heater is scheduled; existing HW serves the space. Confirm the existing water heater has capacity for the new fixtures, and that no new heater, booster or recirculation work is in the plumbing scope. Identify the existing heater and location.

Answer *ETR water heaters are in the boiler room in the S basement. No water heater or recirculation work is included in this scope.*

RFI 12.6 P001 TMV spec ("all new handwashing fixtures") - PSP counts 3 new hand-wash fixtures (2.1, 33.1, 62.2), so 3 TMVs. Confirm TMV quantity and locations.

Answer *Add to this list 62.1 because there is a faucet. Not required for ETR fixtures. 4 TMVs.*

RFI 12.7 QF201/QF202 remarks vs P001 WF-1 detail - Foodservice schedule says "source FW from central filtration system in building." Plumbing shows a new local WF-1 Everpure filter and PEX

manifolds. Which governs? If a central system exists, where is it and does it have capacity?

Answer *There is no central filtration system currently. Refer to P drawings for new water filtration work. Existing point-of-use filters should be discarded where they are being replaced by the central filter.*

RFI 12.8 P001 / P201 Note 9 - Coated cast iron required downstream of indicated points; "upstream may be PVC." PVC allowance for vents unclear. Confirm PVC Sch 40 is acceptable upstream of the Note 9 points and for vent piping above ceilings (plenum rating?).

Answer *The plenums above the server and kitchen are not used for Return Air. This may be overridden by AHJ during plan review but for bidding purposes, assume PVC is acceptable everywhere for P Vents.*

RFI 12.9 P201 Notes 2, 5; 00 31 24 - Waste piping is routed in the basement ceiling; the slab is ~14"+ structural over the basement. Is the basement ceiling area below the servery accessible? What occupies it (storage, occupied, mechanical)? Ceiling removal/replacement by whom?

Answer *As was observed during the prebid meeting, the pipes are fully accessible over the basement storage area and police locker rooms with no ceilings. Lakeland will work internally to clear floor equipment for work.*

RFI 12.10 P201 Notes 4, 5, 7 - Tie-ins to existing 4" grease sanitary, 4" sanitary near basement floor and 2-1/2" vent. Sizes, material, inverts and condition not documented. Provide any as-built information. Are the tie-in points accessible without excavation or wall demolition?

Answer *Tie-in points for San and G-San are easily accessible without excavation. The 2-1/2” V is ETR and shown for information only. Contractor shall verify existing materials and conditions. Some CTE points above the servery or kitchen may require some ceiling removal but I do not anticipate wall demolition will be necessary for anything.*

RFI 12.11 P201 Note 7; P301 Note 3 - Existing grease line and interceptor condition unknown. Will the owner allow, or require, a camera inspection and jetting of existing grease/sanitary lines before tie-in? If deficiencies are found, how will they be handled?

Answer *Lakeland will certainly allow a camera inspection, though it is not required. Lakeland is responsible for the condition of the ETR grease interceptor. Deficiencies can be discussed on a case-by-case basis.*

RFI 12.12 P101 Notes 4, 5; P201 Note 1 - Some floor penetrations are reused, others patched; new drain locations may need new cores. Confirm number and location of new cores vs reused penetrations. Are existing penetrations sized for the new FS-1 / FD-1 bodies?

Answer *It is impossible for me to tell which penetrations will need at least some work until the existing fixtures are removed. For that reason, bidders should assume that at least some cleanup work will be required for each new or reused penetration through the floor. PC shall coordinate with GC.*

RFI 12.13 P001 General Note 4 - PC is to cut and patch penetrations "to match, or to satisfaction of architect and owner." Confirm the GC performs floor/wall finish patching, firestop at fire-rated assemblies, and ceiling work; PSP cores and firestops plumbing penetrations only.

Answer *Correct, the design intent is that the GC is responsible for concrete work. PC shall be responsible for work required at plumbing penetrations only.*

RFI 12.14 00 31 24 core report - Structural slab over basement may contain embedded conduits or reinforcement. Is GPR/X-ray scanning required before coring, and who provides it?

Answer *Contractor shall verify existing slab conditions prior to performing any core drilling. Provide GPR scanning or other suitable nondestructive investigation at proposed penetration locations to identify embedded conduits, reinforcement, and other concealed obstructions. Do not cut or damage existing reinforcement or embedded utilities without prior review and approval.*

RFI 12.15 P101 Note 1; A202 / Alt 5 - Second-floor fixture piping is demolished in-wall and reconnected. No Level 2 plumbing plan is provided; Alt 5 reuses a salvaged kitchenette sink. Which second-floor fixtures are affected? Is plumbing reconnection of the Alt 5 sink part of the plumbing scope?

Answer *Plumbing reconnection of second-floor sink is included in Alt 5 plumbing scope.*

RFI 12.16 QF201/QF202 remarks: "NIC by owner, verify requirements prior to rough-in"- Beverage, bag-in-box, juice, ice and coffee items (59–65) are owner-furnished or existing with requirements to be verified. Provide cut sheets/rough-in requirements (water, drain, size) for all NIC and existing items before bid. Who furnishes carbonators and beverage backflow devices?

Answer *Where this information is known, it is shown on the Kitchen Equipment Plumbing Rough-In Schedule on P001. Install BFPs per Water Filter Detail on P001.*

RFI 12.17 QF001 Note 13 - KEC furnishes faucets, wastes, gas hoses, restraints and vacuum breakers; PC installs. Confirm KEC also furnishes hand sink faucets (2.1, 33.1, 62.2), the dump sink faucet, and any pre-rinse units. Does PSP furnish TMVs, SD 3s, air-gap fittings and indirect waste piping?

Answer *You are correct about everything KEC furnishes. PC furnishes TMVs, BFPs, Air gap, and waste piping, among other things.*

RFI 12.18 P001 WF-1 - WF-1 specified as Everpure EV9328-06 "or equal." Confirm the model and cartridge configuration are final, and whether spare cartridges or a start-up cartridge change are required.

Answer *I will only allow a substitution that meets or exceeds every item in the Plumbing Equipment Schedule. It is only required to provide the 1 set of cartridges that shall be installed.*

RFI 12.19 QF001 Note 21 - Mop sink utility faucet requires backflow protection and hose thread. Is a new mop sink faucet in plumbing scope or existing to remain?

Answer *The mop sink and faucet are ETR. The only real change is that I would like its drain sent to the grease interceptor, where it currently is not.*

RFI 12.20 P001 Section 21 05 00 - Sprinkler relocation, hydraulic calculations, shop drawings, and inspection/testing/correction of Ansul systems on all three existing hoods are printed on the plumbing sheet. Confirm this work is assigned to a separate fire-protection contractor and is not part of the plumbing subcontract. If Freedom wants it included, please advise so we can obtain a licensed FP price.

Answer *The kitchen hood inspection shall be included in a $4,500 allowance. However, the PC is fully responsible for the design and reworking of the existing sprinkler system.*

RFI 12.21 P001; 01 25 00; 00 43 25 Products specified "or equal" / "or approved." Substitutions during procurement require form 00 43 25 and acceptance by addendum. Are named manufacturers the only acceptable products? Deadline for substitution requests through Freedom?

Answer *In general, substitution are acceptable when they fully meet all details listed in the Schedules. The Engineer will verify this during submittals.*

RFI 12.22 00 72 13; P001 - Responsibility for plumbing and gas permits and inspection fees is not explicit. Who obtains and pays for plumbing and gas permits (Lake County / Kirtland)?

Answer *PC or GC is responsible for all permit and inspection fees.*

RFI 12.23 P001 (22 10 00); 01 77 00; 01 78 39 - Domestic water to be cleaned and tested per OBC; no disinfection standard, sampling lab or witness requirement stated. Is disinfection with bacteriological sampling required (AWWA C651 or similar), and who pays for lab testing? Required closeout: OCM, record drawings, TMV and BFP test reports, training?

Answer *Test pipe systems per Ohio Plumbing Code (2024) Section 312.*

RFI 12.24 When referring to this project, are contractors to use CPL Project Number or Lakeland Community College Project Number?

Answer *Please use the Lakeland Community College Project Number indicated in the solicitation for bidding purposes.*

Specifications

The following specification sections have been modified, added, or removed as noted.

00.31.24	Pre-Renovation Asbestos-Containing Materials Survey
	Added ACM survey of additional material samples
08.06.71	Door Hardware Schedule
	Revised hardware schedule to include surface-mounted closer for Door 103A
08.71.00	Door Hardware
	Reissued in its entirety to include cylinder locksets.
11.40.00	Foodservice Equipment
	Revised equipment specifications

Drawings

The following drawing sheets/views have been modified, added, or removed as noted.

A201	Level 1 Floor Plan - Overall
	Revised Coffee/Beverage Station layout
A701	Level 1 Enlarged Servery Plan
	Revised Coffee/Beverage Station layout
A711	Elevations
	Revised elevation 3/A711 for Coffee/Beverage Station layout
A712	Servery Callouts and Details
	Revised details 1/A712 and 5/A712 for new FS equipment
A900	Door Panels, Frame Types & Schedules
	Revised panel type and hardware set for Door 103A
E001	Electrical Symbols, Notes, & Details
	Revised Communications Riser Diagram
E101	Level 1 Electrical Demolition Plan
	Added clarification for Alternate #3 scope. Added keynote to relocate receptacles
E102	Level 2 Electrical Demolition Plan
	Added clarification for Alternate #5 scope.
E202	Level 2 Power Plan
	Added keynote for new core drill and firestopping for new data cabling
E301	Level 1 Lighting Plan
	Added clarification for Alternate #3 scope. Added exit sign locations. Revised Fixture Type C locations
E302	Level 2 Lighting Plan
	Added clarification for Alternate #5 scope.
E701	Enlarged Servery Power Plan
	Added keynote to relocate receptacles
E900	Electrical Schedules
	Added Fixture Type X
P001	Plumbing Schedules, Details, Symbols, & Notes
	Revised Sanitary Isometric Diagram
P201	Level 1 Waste Plumbing Plan
	Revised waste plumbing
QF101	Foodservice Equipment Plan and Schedule
	Revised equipment #59 and #60. Added equipment #70. Shifted location of #62.1 and #63.

QF201	Foodservice Plumbing In-Slab Rough-In Plan and Schedule
	Revised equipment #59 and #60. Shifted location of #62.1 and #64.
QF202	Foodservice Plumbing Above Slab Rough-In Plan and Schedule
	Revised equipment #59 and #60. Shifted location of #59 #,60, #61 and #62.1.
QF301	Foodservice Electrical Rough-In Plan and Schedule
	Revised equipment #59, #60, and #70. Shifted location of #59, #60, #61, #63.
QF401	Foodservice Special Conditions Plan
	Added Beverage System Notes to equipment #59
QF502	Foodservice Elevations
	Removed detail tags from elevations
QF503	Foodservice Elevations
	Revised Detail 5 equipment
QF504	Foodservice 3D Views/Elevations
	Revised Coffee/Beverage Area 3D View

Attachments

All specifications and sheets noted in this document should be attached or appended to this summary. Please alert CPL to any discrepancies. It is the responsibility of the Contractor to ensure that they have received all noted revisions. While this change summary lists items by drawings and specifications, all work required by the various trades involved to effect the changes described shall be accounted for by the Contractor.

EA GROUP

Environmental Analysis
and Management

September 10, 2026 (Updated October 15, 2026)

Mr. Jay Kahn
Lakeland Community College
7700 Clocktower Drive
Kirtland, Ohio 44094

RE: **Pre-Renovation Asbestos-Containing Materials Survey**
Cafeteria Renovation, S Building, Lakeland Community College
7700 Clocktower Drive, Kirtland, Ohio
OH47387

Description of Work

EA Group, Mentor, Ohio was contracted by Lakeland Community College to conduct a survey for asbestos-containing materials (ACMs) in support of a Cafeteria renovation project in the S Building on the Lakeland Community College campus at 7700 Clocktower Drive in Kirtland, Ohio. This report provides the results of the pre-renovation asbestos survey. Additionally, Precision ProCut of Independence, Ohio, was scheduled to drill two cores in the concrete slab floor of the Cafeteria to determine if a vapor barrier was present below the concrete slab. Core drilling activities were completed on August 18, 2026.

Asbestos Survey

EA Group's licensed Asbestos Hazard Evaluation Specialist Scott Landis, ES31801, reviewed renovation plans, as provided by Client, inspected the designated areas, developed a sampling strategy, and procured bulk samples of suspect ACM on August 18, 2026 and completed additional visual inspection above the metal panel ceiling of Cafeteria on August 25, 2026 and October 13, 2026. Homogeneous Groups of suspect ACM are identified on the *Asbestos Inspection Data Sheet* forms in Appendix A. Classification of any positively identified ACM has been made per National Emission Standard for Hazardous Air Pollutants (NESHAP) regulations, with additional notations for compliance with Occupational Safety and Health Administration (OSHA) regulations, if and where applicable. Room/area designations and general sampling locations for the survey are illustrated on the schematic in Appendix A.

Objective and Limitations of the Inspection

The objective of this survey was to identify and sample suspect ACM associated with a Cafeteria renovation project in the S Building on the Lakeland Community College campus at 7700 Clocktower Drive in Kirtland, Ohio, pursuant to NESHAP and OSHA regulations.

7118 Industrial Park Boulevard • Mentor, Ohio 44060-5314
440-951-3514 • 800-875-3514 • Fax: 440-951-3774 • www.eagroupohio.com

The survey and sampling were limited to suspect ACMs that would be affected by the planned renovation activities. Other suspect ACMs may be present in the renovation area(s) but were not required to be specifically identified or assessed.

Upon core drilling the first of two cores of the concrete floor of the Cafeteria, drilling was stopped as the core was approximately 14 inches long and had not cut through the bottom surface of the concrete. Mr. Landis of EA Group and Mr. Tim Pie of Precision ProCut explored the basement storage area beneath the two designated locations to be cored and found the locations were not slab on grade. Therefore, no further core drilling was required.

GENERAL LIMITATIONS

1. EA Group cannot guarantee that all ACM has been identified by this assessment, as additional asbestos materials, not previously identified or quantified, are frequently encountered during renovation or demolition.
2. Actual quantities of asbestos material may vary from any estimates provided in EA Group's report due to identification of additional materials and difficulties in quantifying hidden or inaccessible materials.
3. Prior to demolition or renovation of any structure or equipment, suspect materials that were previously inaccessible or excluded from sampling should be sampled and analyzed for asbestos.

Asbestos Analysis

The bulk samples were analyzed by polarized light microscopy for asbestos content at or through the Laboratory Division of EA Group, which is accredited by the National Institute of Standards and Technology – National Voluntary Laboratory Accreditation Program. The United States Environmental Protection Agency requires all materials containing greater than one percent asbestos by weight to be considered asbestos-containing materials. Composite or layered analyses were performed, depending on the nature of a material. In all cases that at least one sample from a homogeneous group [Group] was determined to be ACM, the Group as a whole is considered ACM regardless of the results for any other samples from that Group. Analytical results are provided in Appendix A.

Results of Asbestos Analysis

As indicated on Table 1 and the *Asbestos Inspection Data Sheet* forms in Appendix A, all of the materials that were sampled as suspect were determined to be non-ACM (no asbestos detected).

Because the suspect materials were determined to be non-ACM, no further action is recommended for the sampled materials. However, all documentation associated with the samples, including this report, should be retained for future reference.

If you have any questions or concerns regarding the above information, please contact the undersigned. Thank you for consulting EA Group.

Sincerely,

EA Group

Timothy S. Bowen,
Vice President/Technical Director

Scott Landis,
ES31801

Table 1 Summary of Results - Cafeteria Renovation, S Building, Lakeland Community College, Kirtland, Ohio

Group	ID # OH47387	MATERIAL DESCRIPTION	Material Type	RESULT
A	01	Ceramic Tile Mastic	M/NF2	0
A	02	Ceramic Tile Mastic	M/NF2	0
B	03	2'x4' Ceiling Panel; Pockmark, Pinhole	M/NF2	0
B	04	2'x4' Ceiling Panel; Pockmark, Pinhole	M/NF2	0
C	05	Spray-On Fireproofing	M	0
C	06	Spray-On Fireproofing	M	0
C	07	Spray-On Fireproofing	M	0
C	08	Spray-On Fireproofing	M	0
C	09	Spray-On Fireproofing	M	0
D	10	Drywall System	M/NF2	0
D	11	Drywall System	M/NF2	0
D	12	Drywall System	M/NF2	0
E	13	12"x12" Floor Tile & mastic; Cream w/ Gray Specks	M/NF2	0
E	14	12"x12" Floor Tile & mastic; Cream w/ Gray Specks	M/NF2	0
F	15	Duct Sealant; Olive	M/NF1	0
F	16	Duct Sealant; Olive	M/NF1	0

Group = Homogeneous Group identification

Material Type: S = Surfacing
T = Thermal System Insulation
M = Miscellaneous
NF1 = Non-Friable Category I
NF2 = Non-Friable Category II
N/S = material not suspect

Result: 0 = non-ACM
[+] = ACM

EA GROUP
Environmental Analysis and Management

APPENDIX A

Asbestos Inspection Data Sheet(s),
Schematic(s) of Sample Locations,
and
Laboratory Analytical Report(s)

ASBESTOS INSPECTION DATA SHEET KEY

Client and Project: Information provided by either Work Order or Scope of Work

Building: Name or address of building.

Functional Space: A room, group of rooms, or homogeneous area designated by the inspector to prepare management plans, design abatement projects, or conduct response actions.

Location: Location of homogeneous material being sampled or occurrence of homogeneous material.

Group:- An arbitrary designation (number or letter) assigned to each homogeneous material (material that is uniform in color and texture, serves the same function, and was installed at the same time) encountered during sampling.

ID #: A sample number assigned by the inspector which begins with the work order number (OHXXXXX) at the top of the column and then a unique sample number for each sample. May include an additional suffix (e.g., building ID, sampling date).

Material Description: Distinguishing characteristics that may include system type, function, size, color, shape etc.

Quantity: Defined as square feet (SF) [default], linear feet (LF), or individual number of fittings or miscellaneous items, each (EA)

Material Type: Abbreviations provided on the form as:

S Surfacing Material (troweled or sprayed-on)

T Thermal System Insulation (TSI)

M Miscellaneous (Friable, unless otherwise noted): **NF1** - Non-friable Category I **NF2** - Non-friable Category II

Material Condition: Typically noted only for general surveys (e.g., for O&M planning purposes).

ND No Damage. The material is in visibly good condition with no apparent/obvious damage.

D Damage. Material has damage to less than 10% of the entire homogeneous group or less than 25% of a localized section of the homogeneous group.

SD Significant Damage. Material has damage to greater than 10% of the entire homogeneous group or greater than 25% of a localized section of the homogeneous group.

Friable: When dry, an asbestos-containing material [ACM] is considered friable if it can be crumbled, pulverized, or reduced to powder by *hand pressure*

Result: 0 = material determined to be non-ACM (no asbestos); **[+]** = material determined to contain a regulated amount of asbestos (confirmed ACM)

Additional notations may be included for specific samples or materials for further clarification, which would be defined under “Comments”

ASBESTOS INSPECTION DATA SHEET

Client: Lakeland Community College	7700 Clocktower Drive, Kirtland, Ohio	Building: S Building
Project: Pre-Renovation Asbestos Survey		Functional Space: Cafeteria

LOCATION	Group	ID # OH47387	MATERIAL DESCRIPTION	Quantity	Material		FRIABLE	RESULT	NOTES
					Type	Cond			
Café Main Area	A	01	Ceramic Tile Mastic					0	
	A	02	Ceramic Tile Mastic					0	
	C	---	Spray-On Fireproofing					0	Assumed present
	D	10	Drywall System					0	
Café Main Area (above metal ceiling system)	C	---	Spray-On Fireproofing					0	
Sprinkler Closet	B	03	2'x4' Ceiling Panel; Pockmark, Pinhole					0	
	B	04	2'x4' Ceiling Panel; Pockmark, Pinhole					0	
	C	05	Spray-On Fireproofing					0	
	C	06	Spray-On Fireproofing					0	
	C	07	Spray-On Fireproofing					0	
	D	11	Drywall System					0	
	E	13	12"x12" Floor Tile & mastic; Cream w/ Gray Specks					0	
	E	14	12"x12" Floor Tile & mastic; Cream w/ Gray Specks					0	

MATERIALS:
TYPE:
S - Surfacing
T - Thermal
M - Miscellaneous
NF1 - Non-friable Cat. I
NF2 - Non-friable Cat. II
N/S = not suspect
CONDITION: [if relevant]
ND - No Damage
D - Damage
SD - Significant Damage

QUANTITY = Square Feet unless noted
LF = Linear Feet; EA = each
NQ = not quantified
FRIABLE:
Y = Regulated ACM (RACM) by definition
N = not RACM by definition
NF1/NF2 may be friable due to condition or may become friable during reno/demo
RESULT:
0 - Non-ACM
[+] = ACM [no other assessment required]
B = Verified by layering/point counting

COMMENTS:

Sampling limited to designated material(s) in designated area(s)

Visibility limited above metal ceiling system:
Pipe insulation is paper/fiberglass and not suspect.
The visible portion of duct in Café Main Area is not insulated. No duct sealant present.

EA GROUP
7118 Industrial Park Blvd.
Mentor, OH 44060-5314
(440) 951-3514

EAG Technician(s): Scott Landis ES 31801 EAG OH47387

Survey Date(s): August 18, 2026; August 25, 2026; October 13, 2026

ASBESTOS INSPECTION DATA SHEET

Client: Lakeland Community College — 7700 Clocktower Drive, Kirtland, Ohio	Building: S Building
Project: Pre-Renovation Asbestos Survey	Functional Space: Cafeteria

LOCATION	Group	ID # OH47387	MATERIAL DESCRIPTION	Quantity	Material		FRIABLE	RESULT	NOTES
					Type	Cond			
Kitchen	A	---	Ceramic Tile Mastic					0	
	C	08	Spray-On Fireproofing					0	
	C	09	Spray-On Fireproofing					0	
	D	12	Drywall System					0	
	F	15	Duct Sealant; Olive					0	
	F	16	Duct Sealant; Olive					0	

MATERIALS:
TYPE:
S - Surfacing
T - Thermal
M - Miscellaneous
NF1 - Non-friable Cat. I
NF2 - Non-friable Cat. II
N/S = not suspect
CONDITION: [if relevant]
ND - No Damage
D - Damage
SD - Significant Damage

QUANTITY = Square Feet unless noted
LF = Linear Feet; EA = each
NQ = not quantified
FRIABLE:
Y = Regulated ACM (RACM) by definition
N = not RACM by definition
NF1/NF2 may be friable due to condition or may become friable during reno/demo
RESULT:
0 - Non-ACM
[+] = ACM [no other assessment required]
B = Verified by layering/point counting

COMMENTS:

Sampling limited to designated material(s) in designated area(s)

Visibility limited above metal ceiling system:
Pipe insulation is paper/fiberglass and not suspect.
The visible portion of duct in Café Main Area is not insulated. No duct sealant present.

Kitchen survey area limited to adjacent Cafeteria area only

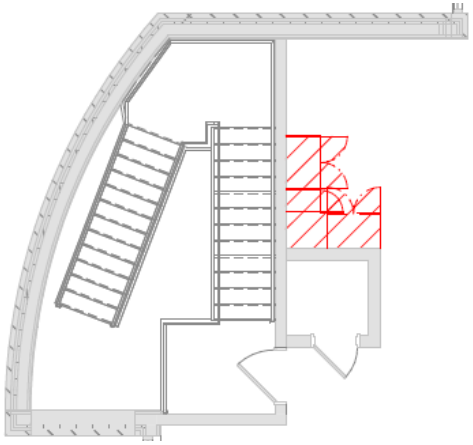
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Mentor, OH 44060-5314
(440) 951-3514

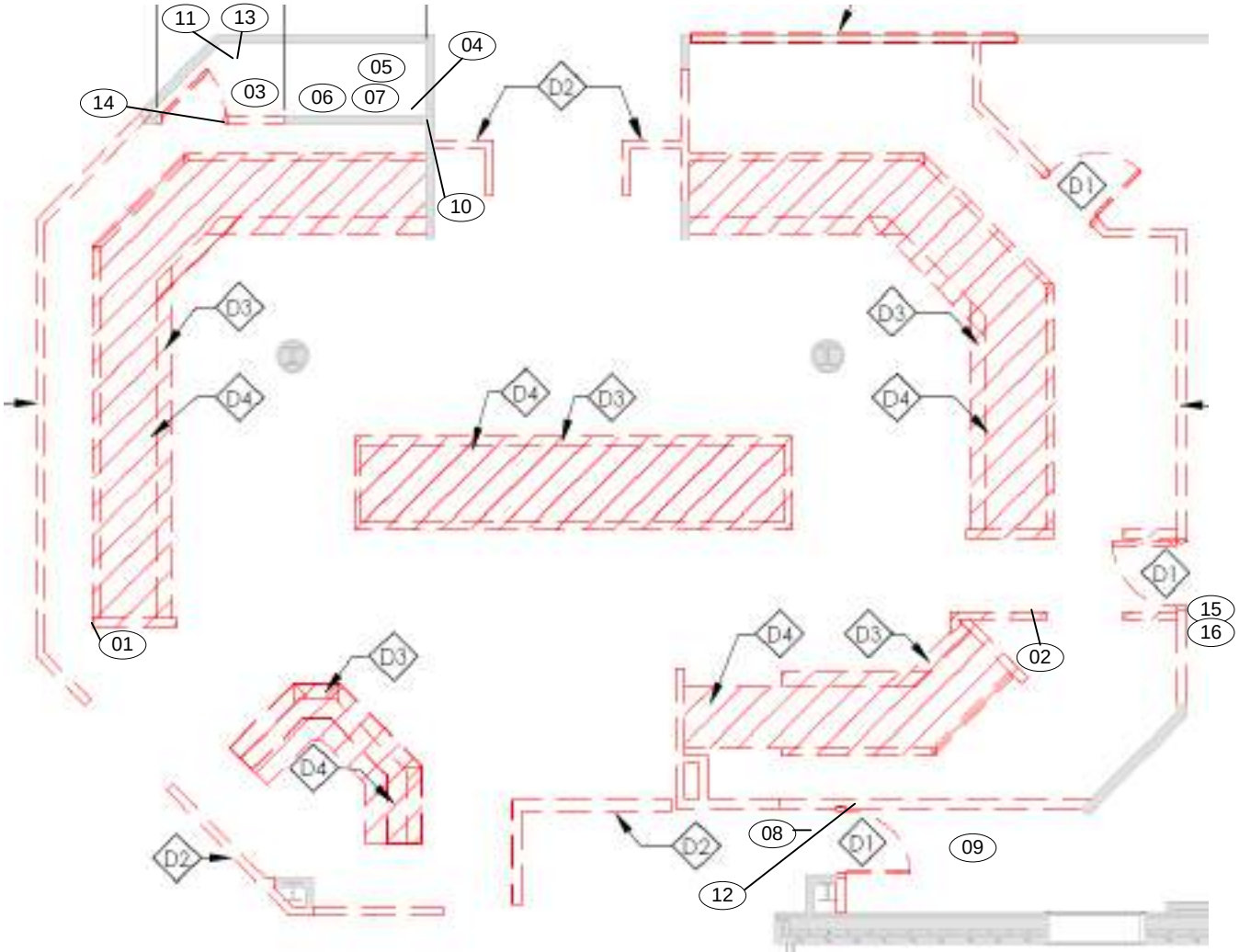
EAG Technician(s): Scott Landis ES 31801 EAG OH47387

Survey Date(s): August 18, 2026; August 25, 2026; October 13, 2026

F:\PROJECTS\ASB\OH46800-OH47534\OH47387,LAKELANDCC\47387,LAKELANDCC,BREAKERS_FIG1.VSD

EA GROUP





CAFETERIA

Key

01 = Sample Location

Asbestos Sampling Locations Diagram

Lakeland Community College – S Building
7700 Clocktower Drive, Kirtland, Ohio

DRAWING FOR GENERAL REFERENCE PURPOSES ONLY. BASE PROVIDED BY CLIENT.
ACTUAL ROOM CONFIGURATIONS MAY DIFFER FROM THOSE SHOWN; ANNOTATIONS BY EA GROUP.
REFER TO SURVEY FOR DETAILS. NO SCALE.

EAG No. OH47387	Date: October 13, 2026	Figure 1

eurofins | Built Environment Testing

Report for:

Mr. Tim Bowen
EA Group
7118 Industrial Park Blvd.
Mentor, OH 44060

Regarding: Eurofins Built Environment Testing East, LLC
Project: OH47387 Lakeland Comm. College
EML ID: 4675151

Approved by:

Dates of Analysis:
Asbestos PLM: 08-24-2026

Approved Signatory
Aidan Becker

Service SOPs: Asbestos PLM (EPA 40CFR App E to Sub E of Part 763 & EPA 600/R-93-116, EBET-PLM-SOP83921)
NVLAP Lab Code 101165-0

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. The results relate only to the samples as received and tested. The results include an inherent uncertainty of measurement associated with estimating percentages by polarized light microscopy. Measurement uncertainty data for sample results with >1% asbestos concentration can be provided when requested.

Eurofins Built Environment Testing East, LLC ("the Company"), a member of the Eurofins Built Environment Testing group of companies, shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Eurofins Built Environment Testing East, LLC
1006 Astoria Blvd., Cherry Hill, NJ 08003
(856) 231-9449 www.eurofinsus.com/Built

Client: EA Group
C/O: Mr. Tim Bowen
Re: OH47387 Lakeland Comm. College

Date of Receipt: 08-19-2026
Date of Report: 08-24-2026

ASBESTOS PLM REPORT

Total Samples Submitted:	14
Total Samples Analyzed:	14
Total Samples with Layer Asbestos Content > 1%:	0

Location: 47387-01, Group A Lab ID-Version‡: 23611344-1

Sample Layers	Asbestos Content
Yellow Mastic	ND
Sample Composite Homogeneity:	Good

Location: 47387-02, Group A Lab ID-Version‡: 23611345-1

Sample Layers	Asbestos Content
Yellow Mastic	ND
Sample Composite Homogeneity:	Good

Location: 47387-03, Group B Lab ID-Version‡: 23611346-1

Sample Layers	Asbestos Content
White Ceiling Tile	ND
Composite Non-Asbestos Content:	60% Cellulose 20% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 47387-04, Group B Lab ID-Version‡: 23611347-1

Sample Layers	Asbestos Content
White Ceiling Tile	ND
Composite Non-Asbestos Content:	60% Cellulose 20% Glass Fibers
Sample Composite Homogeneity:	Good

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All components not quantified as asbestos content and non-asbestos content are considered to be non-fibrous matrix components. Matrix components may include, but are not limited to, gypsum, paint, silicate minerals, vinyl, binder, calcium carbonate, tar, and foam.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.
‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Eurofins Built Environment Testing East, LLC
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Client: EA Group
C/O: Mr. Tim Bowen
Re: OH47387 Lakeland Comm. College

Date of Receipt: 08-19-2026
Date of Report: 08-24-2026

ASBESTOS PLM REPORT

Location: 47387-05, Group C Lab ID-Version‡: 23611348-1

Sample Layers	Asbestos Content
Gray Fireproofing	ND
Composite Non-Asbestos Content:	30% Cellulose
Sample Composite Homogeneity:	Good

Location: 47387-06, Group C Lab ID-Version‡: 23611349-1

Sample Layers	Asbestos Content
Gray Fireproofing	ND
Composite Non-Asbestos Content:	30% Cellulose
Sample Composite Homogeneity:	Good

Location: 47387-07, Group C Lab ID-Version‡: 23611350-1

Sample Layers	Asbestos Content
Gray Fireproofing	ND
Composite Non-Asbestos Content:	30% Cellulose
Sample Composite Homogeneity:	Good

Location: 47387-08, Group C Lab ID-Version‡: 23611351-1

Sample Layers	Asbestos Content
Gray Fireproofing	ND
Composite Non-Asbestos Content:	30% Cellulose
Sample Composite Homogeneity:	Good

Location: 47387-09, Group C Lab ID-Version‡: 23611352-1

Sample Layers	Asbestos Content
Gray Fireproofing	ND
Composite Non-Asbestos Content:	30% Cellulose
Sample Composite Homogeneity:	Good

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Eurofins Built Environment Testing East, LLC
1006 Astoria Blvd., Cherry Hill, NJ 08003
(856) 231-9449 www.eurofinsus.com/Built

Client: EA Group
C/O: Mr. Tim Bowen
Re: OH47387 Lakeland Comm. College

Date of Receipt: 08-19-2026
Date of Report: 08-24-2026

ASBESTOS PLM REPORT

Location: 47387-10, Group D Lab ID-Version‡: 23611353-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
White Joint Compound	ND
White Tape	ND
Composite Non-Asbestos Content:	25% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 47387-11, Group D Lab ID-Version‡: 23611354-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
White Joint Compound	ND
White Tape	ND
Composite Non-Asbestos Content:	25% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 47387-12, Group D Lab ID-Version‡: 23611355-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
White Joint Compound	ND
White Tape	ND
Composite Non-Asbestos Content:	25% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 47387-13, Group E Lab ID-Version‡: 23611356-1

Sample Layers	Asbestos Content
Off-White Floor Tile	ND
Tan Mastic	ND
Sample Composite Homogeneity:	Good

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Eurofins Built Environment Testing East, LLC
1006 Astoria Blvd., Cherry Hill, NJ 08003
(856) 231-9449 www.eurofinsus.com/Built

Client: EA Group
C/O: Mr. Tim Bowen
Re: OH47387 Lakeland Comm. College

Date of Receipt: 08-19-2026
Date of Report: 08-24-2026

ASBESTOS PLM REPORT

Location: 47387-14, Group E

Lab ID-Version‡: 23611357-1

Sample Layers	Asbestos Content
Off-White Floor Tile	ND
Tan Mastic	ND
Blue-Green Floor Tile	ND
Sample Composite Homogeneity:	Good

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(856) 231-9449 www.eurofinsus.com/Built

Client: EA Group
C/O: Mr. Tim Bowen
Re: OH47387 Lakeland Comm. College

Date of Receipt: 08-19-2026
Date of Report: 08-24-2026

ASBESTOS PLM REPORT

PROJECT ANALYST AND SIGNATORY REPORT

Project Analyst



Analyst: Maxamillian Roselli

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004675151

East: (866) 871-1984
Central: (800) 651-4802
West: (833) 465-5857

CONTACT INFORMATION

Company:	EA Group	Address: 7118 Industrial Park Boulevard, Mentor, Ohio 44060	
Contact:	TIM BOWEN	Special Instructions:	
Phone:	440 951-3514		

PROJECT INFORMATION

Project ID:	OH 47387		
Project Description:	LAKELAND COMM. COLLEGE		
Project State:		Sampling Date/Time:	8-18-26
Project Zip Code:			
PO Number:		Sampled By:	S.L.

TURN AROUND TIME CODES - (TAT)

STD - Standard (Default)
ND - Next Business Day
SD - Same Business Day
WH - Weekend/Holiday/ASAP

Rushes received after 2pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs. Rush availability is Matrix Dependent.

ASBESTOS ANALYSIS

REQUESTED SERVICES

SAMPLE ID	DESCRIPTION	Sample Type (Below)	TAT (Above)	Total Volume (L) /Area (ft2) (as applicable)	NOTES (Flow Rate, Start/End Times, Sampling Time (min) etc.)
H7387-01	GROUP A	B	STD		
-02	A				
-03	B				
-04	B				
-05	C				
-06					
-07					
-08					
-09					
-10	D				
-11	B				
-12	D				
-13	E				
-14	E				

PCM: Air - Fiber Count (NIOSH 7400); Air - OSHA with TWA

PLM: Bulk - EPA 600/R-93/116 (X, X); Bulk - EPA Point Count (Pt. Ct. 400, 1000, ✓); Bulk - Gravimetric Pt. Ct (Pt. Ct. 400, 1000); Soil/Rock - CARB 435 (Pt. Ct. 400, 1000)

TEM: Air - EPA AHERA; Air - NIOSH 7402; Air (PCME) - ISO 10312; Soil - ASTM D7521 (PLM with TEM Follow-Up); Bulk - Chatfield/ EPA 600/R-93/116 Sec. 2.5.5.1; Dust / Wipe - ASTM D6480; Dust Microvac (ASTM D5755); Vermiculite - USEPA 600 R04-004 (ASTM D5755); Spray on Fireproofing with Vermiculite - ELAP 198.8 (Non-Potable); Water - EPA 100.2 (Potable); Bulk / Dust / Wipe / Soil - Qualitative In-House Method; NYS - ELAP 198.1; 198.4; 198.6; Other

SAMPLE TYPE CODES

A - Air	W - Wipe		
B - Bulk	T - Tape		
D - Dust	R - Rock		
SO - Soil	O - Other		

RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
	8-19-26/1400	8119126 9:30	

By submitting this Chain of Custody, you agree to be bound by the terms and conditions set forth at https://www.eurofinsus.com/environment-testing/built-environment/resources/sampling-guides-cocs-and-forms/

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Report for:

Mr. Tim Bowen, Scott Landis
EA Group
7118 Industrial Park Blvd.
Mentor, OH 44060

Regarding: Eurofins Built Environment Testing East, LLC
Project: OH47387 Lakeland - LCC-Cafeteria
EML ID: 4758306

Approved by:

Dates of Analysis:
Asbestos PLM: 10-14-2026

Approved Signatory
Aidan Becker

Service SOPs: Asbestos PLM (EPA 40CFR App E to Sub E of Part 763 & EPA 600/R-93-116, EBET-PLM-SOP83921)
NVLAP Lab Code 101165-0

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Eurofins Built Environment Testing East, LLC
1006 Astoria Blvd., Cherry Hill, NJ 08003
(856) 231-9449 www.eurofinsus.com/Built

Client: EA Group
C/O: Mr. Tim Bowen, Scott Landis
Re: OH47387 Lakeland - LCC-Cafeteria

Date of Receipt: 10-14-2026
Date of Report: 10-14-2026

ASBESTOS PLM REPORT

Total Samples Submitted:	2
Total Samples Analyzed:	2
Total Samples with Layer Asbestos Content > 1%:	0

Location: 47387-15, Duct Sealant Group F

Lab ID-Version‡: 24073781-1

Sample Layers	Asbestos Content
Gray Sealant	ND
Sample Composite Homogeneity:	Good

Location: 47387-16, Duct Sealant Group F

Lab ID-Version‡: 24073782-1

Sample Layers	Asbestos Content
Gray Sealant	ND
Sample Composite Homogeneity:	Good

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‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Eurofins Built Environment Testing East, LLC
1006 Astoria Blvd., Cherry Hill, NJ 08003
(856) 231-9449 www.eurofinsus.com/Built

Client: EA Group
C/O: Mr. Tim Bowen, Scott Landis
Re: OH47387 Lakeland - LCC-Cafeteria

Date of Receipt: 10-14-2026
Date of Report: 10-14-2026

ASBESTOS PLM REPORT

PROJECT ANALYST AND SIGNATORY REPORT

Project Analyst



Analyst: Maxamillian Roselli

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‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

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004758306

ASBESTOS ANALYSIS

REQUESTED SERVICES

PCM | PLM | TEM

CONTACT INFORMATION			
Company	EA Group	Address: 7118 Industrial Park Boulevard, Mentor, Ohio 44060	
Contact	TIM BOJEN	Special Instructions: ALSO EMAIL RESULTS TO: SLANDIS@EAGROUPINC.COM	
Phone	440-487 951-3514		

PROJECT INFORMATION			
Project ID:	OH47387 LAKELAND		
Project Description:	LCC - CAFETERIA		
Project State:		Sampling Date/Time:	10-13-26
Project Zip Code:			
PO Number:		Sampled By:	S. L.

TURN AROUND TIME CODES - (TAT)

STD - Standard (Default)
ND - Next Business Day
SD - Same Business Day
WH - Weekend/Holiday/ASAP

Rushes requested after 2pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs. Rush surcharge's Matrix Dependent.

SAMPLE ID	DESCRIPTION	Sample Type (Below)	TAT (Above)	Total Volume (L) (Area (ft2) (as applicable)	NOTES (Flow Rate, Start/End Times, Sampling Time (min) etc.)
47387-15	DUCT SEALANT GROUP F	B	SD		
" -16	" "	B	SD		

SAMPLE TYPE CODES			
A - Air	W - Wipe		
B - Bulk	T - Tape		
D - Dust	R - Rock		
SO - Soil	C - Other		

RELINQUISHED BY:	DATE & TIME	RECEIVED BY:	DATE & TIME
	10-13-26 1440		

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SECTION 08 06 71
DOOR HARDWARE SCHEDULE

PART 1 GENERAL

1.01 RELATED REQUIREMENTS

A. Section 08 71 00 - Door Hardware: Requirements to comply with in coordination with this section.

1.02 REFERENCE STANDARDS

A. BHMA A156.18 - American National Standard for Materials and Finishes; 2016.

B. DHI (H&S) - Sequence and Format for the Hardware Schedule; 1996.

1.03 SUBMITTALS

A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.

B. Comply with submittal requirements as indicated in Section 08 71 00.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Only manufacturers listed in Door Hardware Schedule or Section 08 71 00 are considered acceptable, unless noted otherwise.

B. Obtain each type of door hardware as indicated from a single manufacturer and single supplier.

C. Manufacturer's Abbreviations: Coordinate with manufacturers listed in Section 08 71 00.

2.02 FINISHES

A. Finishes: Complying with BHMA A156.18.

PART 3 EXECUTION

3.01 DOOR HARDWARE SCHEDULE

A. Organize listing of door hardware components within each hardware set in compliance with 10-Part scheduling sequence indicated in DHI (H&S), unless otherwise indicated.

3.02 HARDWARE SET # 01: "_____"

A. For use on Door Number(s): 103.

UNITS	LOCK	ITEM	DESCRIPTION	FINISH	MFR
3 each		Hingle	TA2714	US26D	MK
1 each		Storeroom Lock	ML2057 LWA	630	RU
1 each		Door Stop	409/441CU	US26D	RO
3 each		Seals and Silencers	S88D/608	as required	PE
1 each		Surface Closer	4040XPHO	Alum	LCN

B. Keying: Provide mortise cylinder/core compatible with Owner's keying system. Coordinate final keying with owner before fabrication.

C. Provide additional hinge quantity or size where required by final door dimensions, weight, or manufacturer's recommendations.

3.03 HARDWARE SET # 02: "OPENING FOOD PREPARATION AREA TO DINING AREA T"

A. For use on Door Number(s): 117A, 117B.

B. Provide for each Single (SGL) door(s).

C. Configuaration and dimensions as indicated on drawings.

D. 1 set Double-Acting Impact Traffic Door: HCG-10 ABS with actory-installed easy swing hinge system: finish color selected by Architect: Eliason

E. Vision Panels: 14 by 16 inch scratch-resistant acrylic with black rubber molding: one per leaf: Eliason

F. Operation: Door swings in both directions and returns to center. No separate lockset, door closer, door stop, or latch is required unless indicated on drawings.

G. Coordination: Furnish complete manufacturer-required mounting components, including the HCG-10 standard full-perimeter gasket. Refer to section 08 71 00 for panel constrction and limits of use.

END OF SECTION

SECTION 08 71 00
DOOR HARDWARE

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Hardware for hollow metal doors.

B. Double Acting Doors

1.02 RELATED REQUIREMENTS

A. Section 08 06 71 - Door Hardware Schedule: Schedule of door hardware sets.

1.03 REFERENCE STANDARDS

A. ADA Standards - Americans with Disabilities Act (ADA) Standards for Accessible Design; 2010.

B. BHMA A156.1 - American National Standard for Butts and Hinges; 2016.

C. BHMA A156.7 - American National Standard for Template Hinge Dimensions; 2016.

D. BHMA A156.16 - American National Standard for Auxiliary Hardware; 2018.

E. ICC A117.1 - Accessible and Usable Buildings and Facilities; 2017.

F. UL (DIR) - Online Certifications Directory; Current Edition.

1.04 ADMINISTRATIVE REQUIREMENTS

A. Coordinate the manufacture, fabrication, and installation of products that door hardware is installed on.

1.05 SUBMITTALS

A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.

B. Product Data: Manufacturer's catalog literature for each type of hardware, marked to clearly show products to be furnished for this project, and includes construction details, material descriptions, finishes, and dimensions and profiles of individual components.

C. Shop Drawings - Door Hardware Schedule: Submit detailed listing that includes each item of hardware to be installed on each door. Use door numbering scheme as included in Contract Documents.
   1. Prepared by or under supervision of Architectural Hardware Consultant (AHC).
   2. Provide complete description for each door listed.

1.06 QUALITY ASSURANCE

A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section with minimum three years of documented experience.

1.07 DELIVERY, STORAGE, AND HANDLING

A. Package hardware items individually; label and identify each package with door opening code to match door hardware schedule.

1.08 WARRANTY

A. See Section 01 78 00 - Closeout Submittals, for additional warranty requirements.

B. Warranty against defects in material and workmanship for period indicated, from Date of Substantial Completion.
   1. Locksets and Cylinders: Three years, minimum.
   2. Other Hardware: Two years, minimum.

PART 2 PRODUCTS

2.01 DESIGN AND PERFORMANCE CRITERIA

A. Provide specified door hardware as required to make doors fully functional, compliant with applicable codes, and secure to extent indicated.

B. Provide individual items of single type, of same model, and by same manufacturer.

C. Provide door hardware products that comply with the following requirements:
   1. Applicable provisions of federal, state, and local codes.
   2. Accessibility: ADA Standards and ICC A117.1.

D. Lock Function: Provide lock and latch function numbers and descriptions of manufacturer's series. Refer to Section 08 0671 for listing of hardware sets.

E. Fasteners:
   1. Provide fasteners of proper type, size, quantity, and finish that comply with commercially recognized standards for proposed applications.
      a. Aluminum fasteners are not permitted.
      b. Provide phillips flat-head screws with heads finished to match door surface hardware unless otherwise indicated.
   2. Provide machine screws for attachment to reinforced hollow metal and aluminum frames.
      a. Self-drilling (Tek) type screws are not permitted.

2.02 HINGES

A. Manufacturers:
   1. McKinney; an Assa Abloy Group company: www.assaabloydss.com/#sle.
   2. Bommer Industries, Inc: www.bommer.com/#sle.
   3. Hager Companies: www.hagerco.com/#sle.
   4. Pamex, Inc: www.pamexinc.com/#sle.
   5. Stanley, dormakaba Group: www.stanleyhardwarefordoors.com/#sle.
   6. Substitutions: See Section 01 60 00 - Product Requirements.

B. Hinges: Comply with BHMA A156.1, Grade 1.
   1. Butt Hinges: Comply with BHMA A156.1 and BHMA A156.7 for templated hinges.
      a. Provide hinge width required to clear surrounding trim.
   2. Provide hinges on every swinging door.
   3. Provide following quantity of butt hinges for each door:
      a. Doors From 60 inches High up to 90 inches High: Three hinges.

2.03 FLUSH BOLTS

A. Manufacturers:
   1. Adams Rite, an Assa Abloy Group company: www.assaabloydss.com/#sle.
   2. Hager Companies: www.hagerco.com/#sle.
   3. Ives, an Allegion brand: www.allegion.com/us/#sle.
   4. Pamex, Inc: www.pamexinc.com/#sle.
   5. Trimco: www.trimcohardware.com/#sle.
   6. Substitutions: See Section 01 60 00 - Product Requirements.

B. Flush Bolts: Comply with BHMA A156.16, Grade 1.
   1. Flush Bolt Throw: 3/4 inch, minimum.
   2. Provide dustproof floor strike for bolt into floor, except at metal thresholds.
   3. Manual Flush Bolts: Provide lever extensions for top bolt at over-sized doors.

2.04 LOCK CYLINDERS

A. Manufacturers:
   1. Basis of Design: Corbin Russwin. ML2057 LWA.
   2. Best, dormakaba Group: www.bestaccess.com/#sle.
   3. McMaster-Carr.www.mcmaster.com
   4. Substitutions: See Section 01 60 00 - Product Requirements.

B. Lock Cylinders: Provide key access on outside of each lock, unless otherwise indicated.
   1. Provide cylinders from same manufacturer as locking device.
   2. Provide cams and/or tailpieces as required for locking devices.

2.05 CLOSERS

A. Manufacturers; Surface Mounted:
   1. Corbin Russwin, Norton, Rixson, Sargent, or Yale; an Assa Abloy Group company: www.assaabloydss.com/#sle.
   2. LCN, an Allegion brand: www.allegion.com/us/#sle.
   3. Stanley, dormakaba Group: www.stanleyhardwarefordoors.com/#sle.
   4. Substitutions: See Section 01 60 00 - Product Requirements.

B. Closers: Comply with BHMA A156.4, Grade 1.
   1. Type: Surface mounted to door.
   2. Provide door closer on each exterior door.
   3. Provide door closer on each fire-rated and smoke-rated door.

2.06 WALL STOPS

A. Manufacturers:
   1. Rockwood; an Assa Abloy Group company: www.assaabloydss.com/#sle.
   2. Hager Companies: www.hagerco.com/#sle.
   3. Hiawatha, Inc, division of Activar Construction Products Group, Inc: www.activarcpg.com/hiawatha/#sle.
   4. Trimco: www.trimcohardware.com/#sle.
   5. Substitutions: See Section 01 60 00 - Product Requirements.

B. Wall Stops: Comply with BHMA A156.16, Grade 1 and Resilient Material Retention Test as described in this standard.
   1. Type: Bumper, concave, wall stop.
   2. Material: Aluminum housing with rubber insert.

2.07 SILENCERS

A. Manufacturers:
   1. Ives, an Allegion brand: www.allegion.com/us/#sle.
   2. Rockwood; an Assa Abloy Group company: www.assaabloydss.com/#sle.
   3. Substitutions: See Section 01 60 00 - Product Requirements.

B. Silencers: Provide at equal locations on door frame to mute sound of door's impact upon closing.
   1. Single Door: Provide three on strike jamb of frame.
   2. Pair of Doors: Provide two on head of frame, one for each door at latch side.
   3. Material: Rubber, gray color.

2.08 DOUBLE ACTING IMPACT TRAFFIC DOOR

A. Manufacturers:
   1. Basis of Design: Eliason HCG-10 ABS Impact Door.
   2. Chase Doors: Durulite standard impact traffic door
   3. Curtron Products: Service-Pro Series 35
   4. Specail-Lite: Double-Acting Traffic Door.

B. Panels: Normal 1-1/2-inch0thick panels with structural PVC interior framework. Impact-resistant ABS face sheets, foam core, and textured faces on both sides. Provide 18-inch-high rotationally molded bumpers on both faces.

C. Vision Panels: Clear, double-glazed, scratch-resistant acrylic, 14 by 16 inches, set in black rubber molding; provide one vision panel in each leaf unless drawings indicate otherwise.

D. Hinge System: Factory-installed Elison Easy Swing Hinge System designed for double-aching operation.

E. Finish and Color: Manufactirer's standard color selected by Architect. Coordinate edge trim, hnge finish, and optional accessiories with manufacturer's standard offering.

F. Gasketing: Furnish the manufacturer's standard full-perimeter gasketing supplied with HCG-10 traffic door.

G. Provide complete factory-required jamb, header, trim, fasteners, and reinforcement components for a fully operational installation.

2.09 FINISHES

A. Finishes: Identified in Door Hardware Schedule.

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify that doors and frames are ready to receive this work; labeled, fire-rated doors and frames are properly installed, and dimensions are as indicated on shop drawings.

B. Verify that electric power is available to power operated devices and of correct characteristics.

3.02 INSTALLATION

A. Install hardware in accordance with manufacturer's instructions and applicable codes.

B. Use templates provided by hardware item manufacturer.

C. Door Hardware Mounting Heights: Distance from finished floor to center line of hardware item.

1. Mounting heights in compliance with ADA Standards:
   a. Locksets: 40-5/16 inch.

3.03 FIELD QUALITY CONTROL

A. Perform field inspection and testing under provisions of Section 01 40 00 - Quality Requirements.

B. Provide an Architectural Hardware Consultant (AHC) to inspect installation and certify that hardware and installation has been furnished and installed in accordance with manufacturer's instructions and as specified.

3.04 ADJUSTING

A. Adjust work under provisions of Section 01 70 00 - Execution and Closeout Requirements.

B. Adjust hardware for smooth operation.

C. Adjust gasketing for complete, continuous seal; replace if unable to make complete seal.

3.05 CLEANING

A. Clean finished hardware in accordance with manufacturer's written instructions after final adjustments have been made.

B. Clean adjacent surfaces soiled by hardware installation.

C. Replace items that cannot be cleaned to manufacturer's level of finish quality at no additional cost.

3.06 PROTECTION

A. Do not permit adjacent work to damage hardware or finish.

END OF SECTION 08 71 00

drain, insulated pan, stainless steel inner liner & top, galvanized steel outer liner, includes adapter bars, self-contained refrigeration, R290 Hydrocarbon refrigerant, 1/4 HP, (42-1/2" x 25" cutout required), cUL, UL, NSF
One (1) Introducing: Freight Made Simple
Alternate Manufacturer: Wells, LTI

ITEM # 51 DESSERT STATION SNEEZE GUARD
Quantity: One (1)
Manufacturer: PREMIER METAL & GLASS
Model: CUSTOM

TM2R-A - 1" OD GEARLESS ADJUSTABLE SELF SERVICE FOOD SHIELD WITH TOP SHELF AND REAR SUPPORTS; 3/8" CLEAR TEMPERED GLASS WITH POLISHED EDGES AND RADIUS CORNERS; BOTH END PANELS INCLUDED (FIXED); UNDER COUNTER MOUNTING OPTION; NO HEAT/ LIGHT INCLUDED; BRUSHED STAINLESS FINISH; APPROX 55-1/2" CL LENGTH; APPROX 272 LBS EA (2 END SUPPORTS)
Alternate Manufacturer: BSI, English

ITEM # 52 SPARE NO. <Spare No.>

ITEM # 53 SPARE NO. <Spare No.>

ITEM # 54 POS COUNTER
Quantity: One (1)
Manufacturer: By Others

ITEM # 55 POS MONITOR
Quantity: Two (2)
Manufacturer: By Others

ITEM # 56 SPARE NO. <Spare No.>

ITEM # 57 SPARE NO. <Spare No.>

ITEM # 58 COKE MERCHANDISER
Quantity: One (1)
Manufacturer: Existing Equipment

ITEM # 59 SODA ICE & BEVERAGE DISPENSER
Quantity: One (1)
Manufacturer: Cornelius
Model: 621057644

One (1) Model 621057644 FlavorFusion™ Ice & Post-Mix Beverage Dispenser, countertop, (16) brand syrups (14 chilled, 2 ambient) & (8) flavor shots, 255 lbs ice capacity, ADA keypad, internal cold carbonation, built-in drip tray, timed ice agitation, key switch, 10" cup clearance, merchandiser with FlavorFusion™ graphics, midnight black, 115v/60/1-ph, 9.3 amps, ADA Compliant, cULus, NSF
One (1) 2 year limited parts & 1 year limited labor warranty (USA), standard

ITEM # 60 ICE MAKER, CUBE-STYLE
Quantity: One (1)
Manufacturer: Hoshizaki
Model: KM-530MAK

One (1) Model KM-530MAK Ice Maker, Cube-Style, 30"W, air-cooled, self-contained condenser, production capacity up to 545 lb/24 hours at 70°/50° (424 lb AHRI certified at 90°/70°), stainless steel finish, crescent cube style, R290 refrigerant, 115v/60/1-ph, 10.7 amps, NSF, UL
One (1) Warranty: 3-Year parts & labor on entire machine
One (1) Warranty: 5-Year parts & labor on evaporator
One (1) Model H9320-51 Water Filtration System, single configuration, 18.4" H (manifold & cartridge), NSF
One (1) Warranty: 1-Year on entire water filtration system & replaceable elements, standard
Alternate Manufacturer: Manitowoc, Scotsman

ITEM # 60.1 ICE MACHINE ADAPTER
Quantity: One (1)
Manufacturer: By Others

ITEM # 61 BAG-N-BOX SYSTEM
Quantity: One (1)
Manufacturer: By Others

ITEM # 62 COFFEE/ BEVERAGE COUNTER
Quantity: One (1)
Manufacturer: By Others

ITEM # 62.1 DROP-IN SINK
Quantity: One (1)
Manufacturer: John Boos
Model: PB-DISINK101405-P-SSLR

One (1) Model PB-DISINK101405-P-SSLR Pro-Bowl Drop-In Sink, 1-compartment, 12-5/8"W x 18-1/2"D x 11"H overall size, (1) 10"W x 14" front-to-back x 5" deep bowl, deck mount faucet holes with 4" centers, 3-5/16" drain opening with basket drain, with left & right side splashes, stainless steel construction, includes economy gooseneck faucet (PBF-4-DLF), NSF
Alternate Manufacturer: Eagle, Advance Tabco

ITEM # 62.2 DROP-IN SINK
Quantity: One (1)
Manufacturer: John Boos
Model: PB-DISINK101405-P-SSLR

One (1) Model PB-DISINK101405-P-SSLR Pro-Bowl Drop-In Sink, 1-compartment, 12-5/8"W x 18-1/2"D x 11"H overall size, (1) 10"W x 14" front-to-back x 5" deep bowl, deck mount faucet holes with 4" centers, 3-5/16" drain opening with basket drain, with left & right side splashes, stainless steel construction, includes economy gooseneck faucet (PBF-4-DLF), NSF
Alternate Manufacturer: Eagle, Advance Tabco

One (1) Model ITRSS4826 Italian Glass Refrigerated Counter Display Case, self-service, drop-in, 48"W x 33"D x 42.7"H, (2) tiers of adjustable shelves, tempered glass ends & removable sliding rear glass doors, 3500K LED top light & shelf lights, rear air intake & discharge, self-contained refrigeration with PTC condensate evaporator, condensate pan, stainless steel interior, proper ventilation of counter is required for proper performance, light, switch power switch, adjustable electronic temperature control, cULus, UL EPH CLASSIFIED, DOE 2017 Compliant, Made in USA
One (1) NOTE: Ventilation of counter is required for proper performance
One (1) One year parts & labor warranty, standard
One (1) Self-contained refrigeration, standard
One (1) 120v/60/1-ph, standard
One (1) Five year compressor warranty, standard (for self-contained units only)
One (1) Standard glass ends
One (1) Removable sliding rear doors, standard
One (1) Note: This quotation is valid based on current tariff and import duty rates. In the event of any changes to applicable tariffs or import taxes following the date of this quote, we reserve the right to apply corresponding surcharges

Alternate Manufacturer: Hussmann, Oscartek

ITEM # 68 TOASTER
Quantity: One (1)
Manufacturer: Existing Equipment

ITEM # 69 SPARE NO. <Spare No.>

ITEM # 70 PLANETARY MIXER
Quantity: One (1)
Manufacturer: Hobart
Model: HL200C-1STD

One (1) Model HL200C-1STD 100-120/50/60/1 Legacy Correctional Planetary Bench Mixer, 0.5 HP, 20 quart capacity, (3) fixed speeds plus stir speed, gear-driven transmission, 15-minute SmartTimer™, #12 hub, man bowl lift, alum "B" beater, stainless steel bowl, "D" wire whip, bowl guard with welds, lock controls, tamper resist fasteners, handles & knobs, cord & plug, UL (US Correctional Facility configuration)
One (1) Standard warranty - 1-Year parts, labor & travel time during normal working hours within the USA

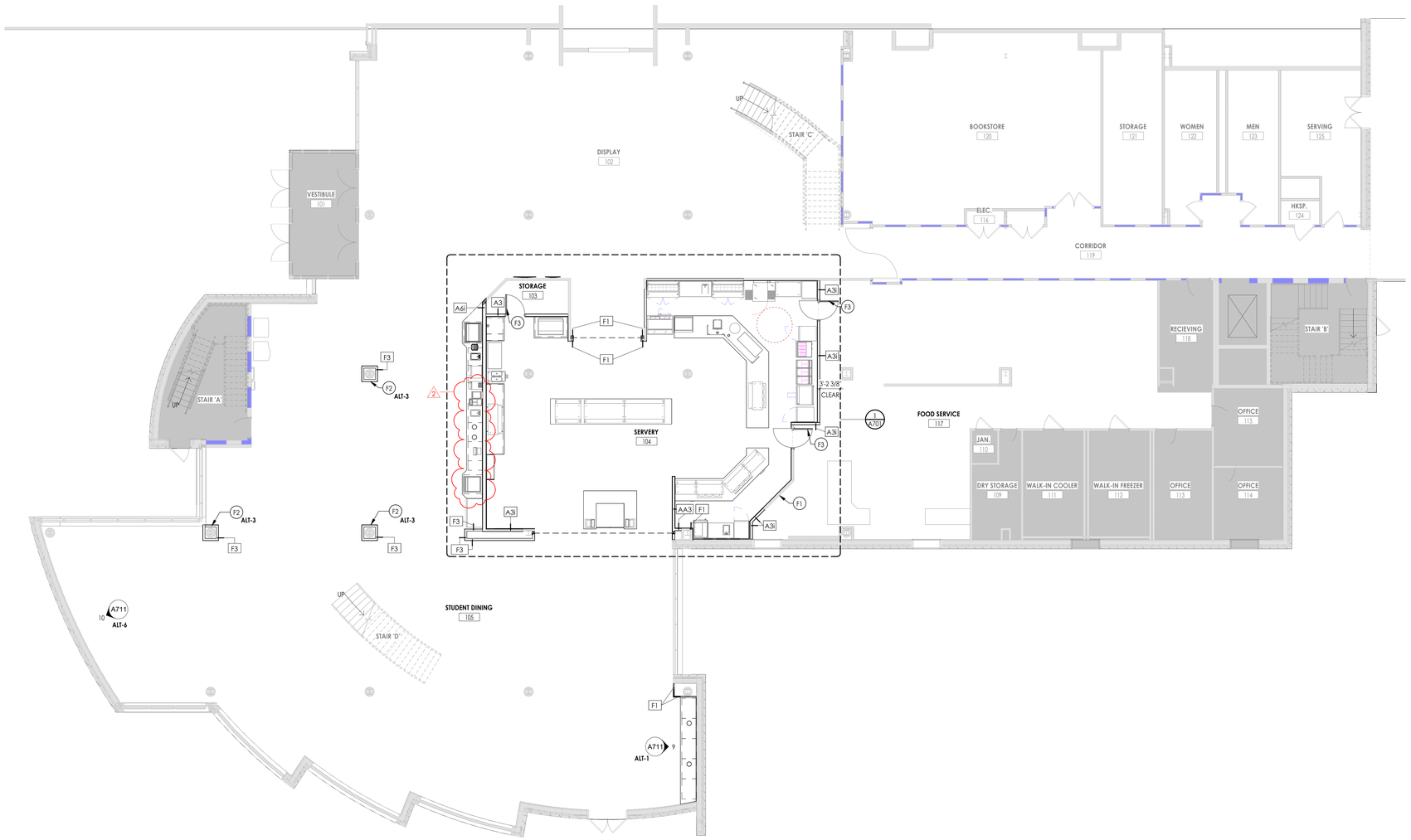
END OF SECTION

FLOOR PLAN GENERAL NOTES

1. CONTRACTOR TO PROVIDE ADEQUATE WALL BLOCKING FOR ALL WALL-MOUNTED CABINETS, FIXTURES, ACCESSORIES, AND EQUIPMENT, INCLUDING ITEMS FURNISHED BY OTHERS, REFER TO TYPICAL FIXTURE AND ACCESSORY LEGENDS.
2. PATCH AND FINISH ALL EXISTING WALLS TO REMAIN WITHIN THE PROJECT LIMIT AREA TO RECEIVE SPECIFIED FINISHES.
3. PROVIDE CONCRETE FLOOR PATCH AND FLOOR LEVELING AT EXISTING CONCRETE FLOORS FOR NEW FINISHES.
4. ALL EXISTING EXPANSION JOINT COVERS OR ASSEMBLIES ARE TO BE PROTECTED AND MAINTAINED DURING THE COURSE OF CONSTRUCTION UNLESS NOTED OTHERWISE.
5. COORDINATE WITH OTHER TRADES FOR SEQUENCING OF WORK.
6. REFER TO TYPICAL FIXTURE & ACCESSORIES LEGEND FOR FURNISH AND INSTALL SCOPE OF EQUIPMENT AND ACCESSORIES.
7. EQUIPMENT SHOWN ON THESE DOCUMENTS IS FOR REFERENCE ONLY AND IS FOR COORDINATION OF REQUIRED MEP INFRASTRUCTURE. REFER TO OWNER FURNISHED EQUIPMENT DRAWINGS AND SUBMITTALS FOR FINAL COORDINATION AND INSTALLATION REQUIREMENTS INCLUDING BUT NOT LIMITED TO: DIMENSIONS, LOCATIONS & MEP CONNECTION LOCATIONS.
8. ALL FURNITURE IS PROVIDED BY OWNER, UNLESS NOTED OTHERWISE.
9. CONSULT WITH ARCHITECT TO FINALIZE LOCATIONS OF ANY EXPOSED CONTROL JOINTS PRIOR TO INSTALLATION.
10. ALL QUANTITIES / SQUARE FOOTAGES SHOWN ARE FOR REFERENCE ONLY AND ARE TO BE VERIFIED BY THE CONTRACTOR.

FLOOR PLAN KEYED NOTES

F1 ELECTRICAL PANELS TO REMAIN
F2 **ALTERNATE 3:** FUR OUT COLUMN
F3 NEW DOOR AND FRAME



1 A201 TRUE NORTH PROJECT NORTH

LEVEL 1 FLOOR PLAN - OVERALL

1/8" = 1'-0"

CPL | Architecture Engineering Planning
25 Main Street, Suite 200
Westlake, OH 44145
CPLteam.com

Lakeland COMMUNITY COLLEGE

PROJECT INFORMATION

Project Number
R25.19314.00

Client Name
LAKELAND COMMUNITY COLLEGE

Project Name
DINING RENOVATION AT BREAKERS

Project Address
Clocktower Drive, Kirtland, OH 44094

PROJECT ISSUE & REVISION SCHEDULE

#	Date	Description
2	10/20/2026	ADDENDUM 2

PROFESSIONAL STAMPS

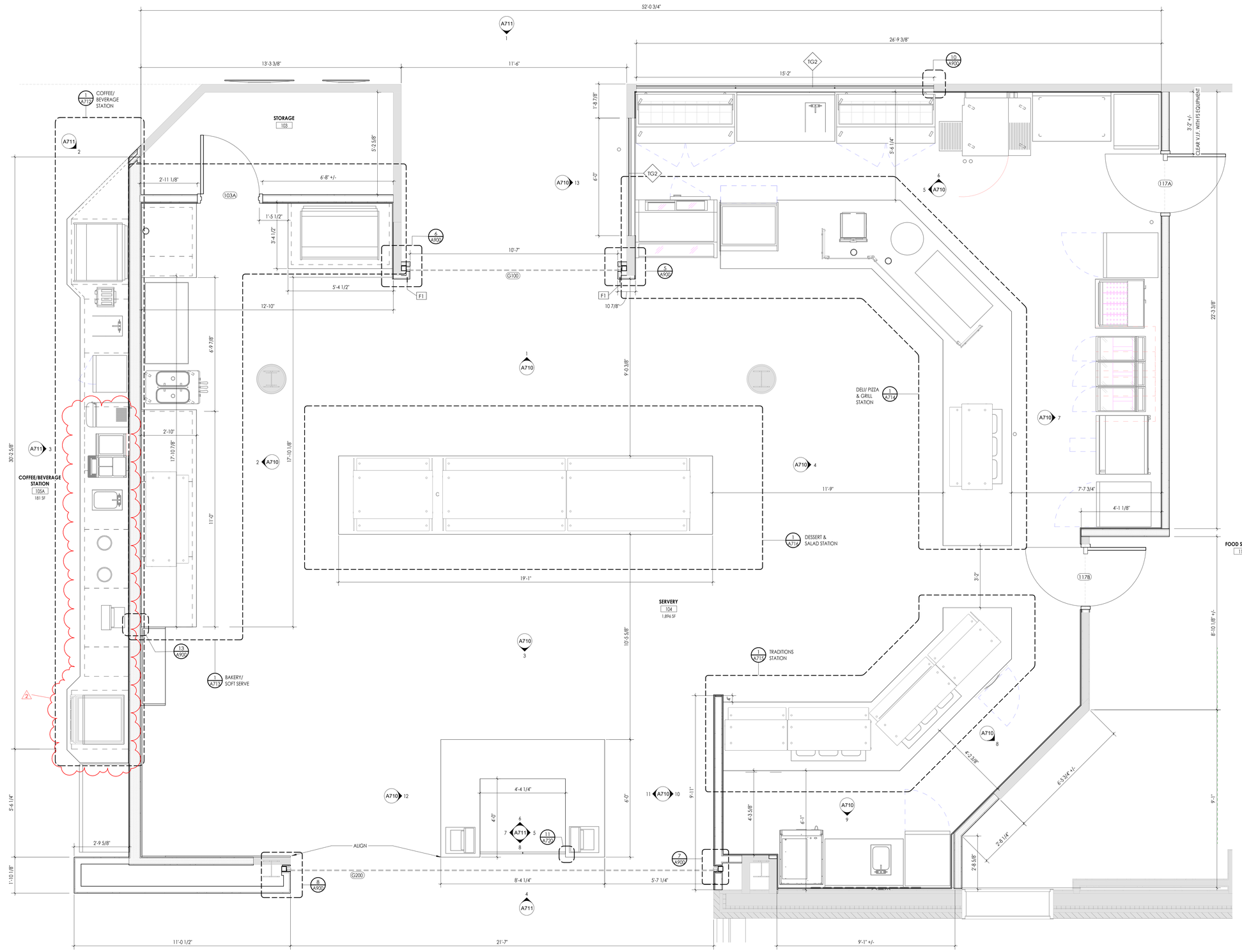
STATE OF OHIO R.A. COCCO 6082 REGISTERED ARCHITECT

Ronald A. Cocco, # 6082
Expiration Date 12/31/2027

SHEET INFORMATION

Issued: 9/28/2026
Scale: As indicated
Project Status: BID AND PERMIT
Drawn By: CPL
Checked By: CPL
Drawing Title: LEVEL 1 FLOOR PLAN - OVERALL
Drawing Number: A201

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LEVEL 1 ENLARGED SERVERY PLAN

1/2" = 1'-0"

FLOOR PLAN GENERAL NOTES

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2. PATCH AND FINISH ALL EXISTING WALLS TO REMAIN WITHIN THE PROJECT LIMIT AREA TO RECEIVE SPECIFIED FINISHES.
3. PROVIDE CONCRETE FLOOR PATCH AND FLOOR LEVELING AT EXISTING CONCRETE FLOORS FOR NEW FINISHES.
4. ALL EXISTING EXPANSION JOINT COVERS OR ASSEMBLIES ARE TO BE PROTECTED AND MAINTAINED DURING THE COURSE OF CONSTRUCTION UNLESS NOTED OTHERWISE.
5. COORDINATE WITH OTHER TRADES FOR SEQUENCING OF WORK.
6. REFER TO TYPICAL FIXTURE & ACCESSORIES LEGEND FOR FURNISH AND INSTALL SCOPE OF EQUIPMENT AND ACCESSORIES.
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10. ALL QUANTITIES / SQUARE FOOTAGES SHOWN ARE FOR REFERENCE ONLY AND ARE TO BE VERIFIED BY THE CONTRACTOR.

FLOOR PLAN KEYED NOTES

- F1 ELECTRICAL PANELS TO REMAIN
- F2 **ALTERNATE 3:** FUR OUT COLUMN
- F3 NEW DOOR AND FRAME

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STATE OF OHIO · R.A. COCCO · 6082 · REGISTERED ARCHITECT

Ronald A. Cocco, # 6082
Expiration Date 12/31/2027

SHEET INFORMATION

Issued
9/28/2026

Scale
As indicated

Project Status
BID AND PERMIT

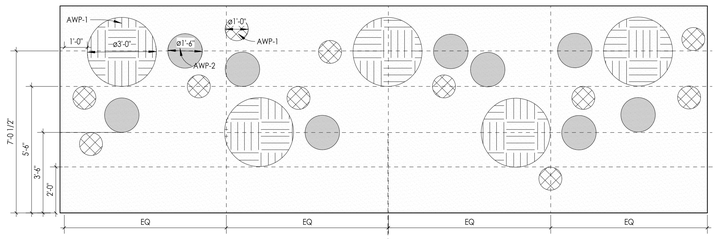
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CPL

Checked By
CPL

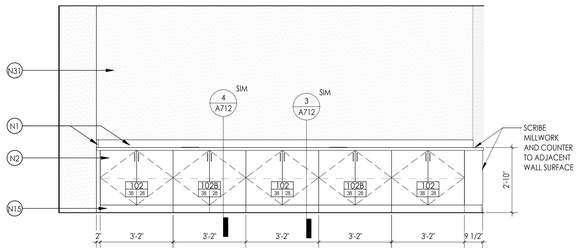
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LEVEL 1 ENLARGED SERVERY PLAN

Drawing Number
-
A701

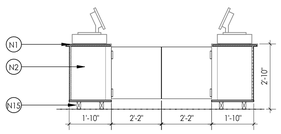
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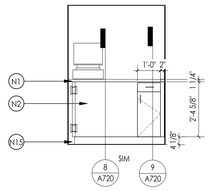
10 A711 **STUDENT DINING (ALT 6) & 2ND FLOOR (ALT 5)**
3/8" = 1'-0"



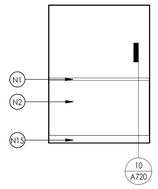
9 A711 **STUDENT DINING RM 105 EAST ELEVATION (ALT-1)**
3/8" = 1'-0"



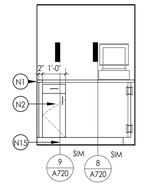
8 A711 **CASHIER ELEVATION F**
3/8" = 1'-0"



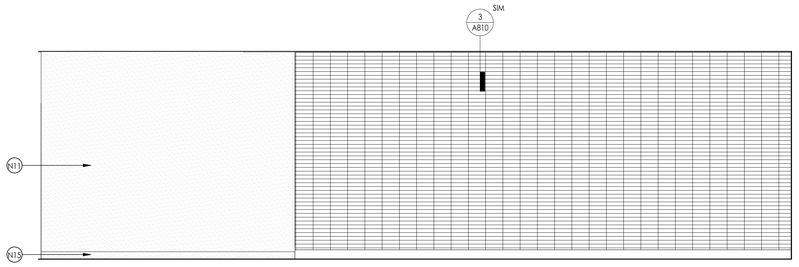
7 A711 **CASHIER ELEVATION E**
3/8" = 1'-0"



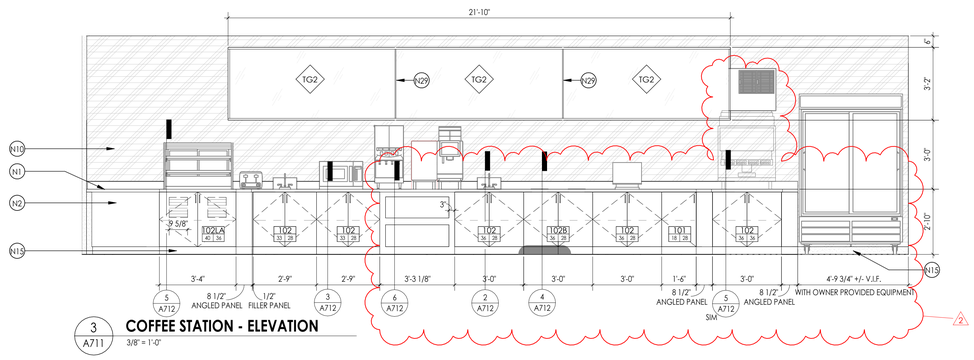
6 A711 **CASHIER ELEVATION D**
3/8" = 1'-0"



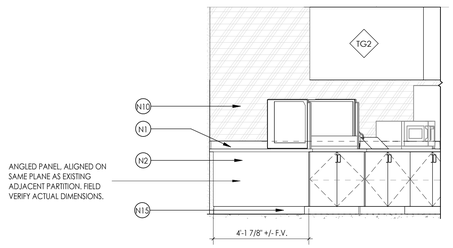
5 A711 **CASHIER ELEVATION C**
3/8" = 1'-0"



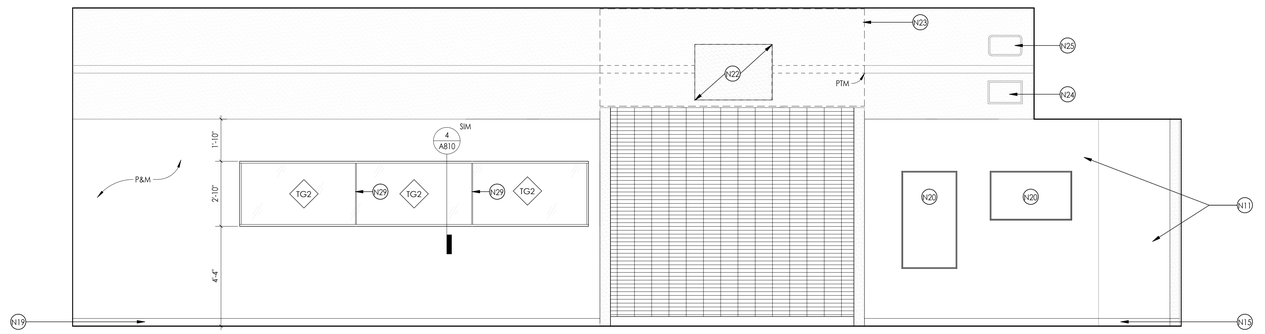
4 A711 **STUDENT DINING RM 105 NORTH ELEVATION**
3/8" = 1'-0"



3 A711 **COFFEE STATION - ELEVATION**
3/8" = 1'-0"



2 A711 **COFFEE STATION - ELEVATION**
3/8" = 1'-0"



1 A711 **DISPLAY RM 102 SOUTH ELEVATION - SERVERY ENTRY**
3/8" = 1'-0"

GENERAL INTERIOR ELEVATIONS NOTES

1. CONTRACTOR TO PROVIDE ADEQUATE WALL BLOCKING FOR ALL WALL-MOUNTED CABINETS, FIXTURES, ACCESSORIES, AND EQUIPMENT, INCLUDING ITEMS FURNISHED BY OTHERS. REFER TO TYPICAL FIXTURE AND ACCCESSORY LEGENDS.
2. REFER TO FINISH SCHEDULE AND COLOR LEGEND FOR FINISHES.
3. REFER TO REFLECTED CEILING PLAN DRAWINGS FOR CEILING HEIGHTS.
4. REFER TO TYPICAL FIXTURE AND ACCESSORY LEGENDS FOR PLUMBING FIXTURE AND ACCESSORIES LEGEND AND MOUNTING HEIGHTS.
5. EQUIPMENT SHOWN ON THESE DOCUMENTS ARE FOR REFERENCE ONLY AND ARE FOR THE COORDINATION OF MEP INFRASTRUCTURE TO OPERATE ITEMS UNDER THIS SCOPE.
6. IT IS THE GENERAL CONTRACTORS RESPONSIBILITY TO REFER TO OWNER FURNISHED EQUIPMENT DRAWINGS AND SUBMITTALS FOR FINAL COORDINATION AND INSTALLATION REQUIREMENTS INCLUDING BUT NOT LIMITED TO: DIMENSIONS AND LOCATIONS OF MEP CONNECTION LOCATIONS.
7. ALL FURNITURE IS PROVIDED BY OWNER UNLESS NOTED OTHERWISE.
8. REFER TO I SERIES DRAWINGS FOR WALL PROTECTION INFORMATION

INTERIOR ELEVATION KEYED NOTES

- N1 COUNTERTOP TO BE SOLID SURFACE MATERIAL (SSM-1), UNO. REFER TO DETAILS.
- N2 MILLWORK TO BE LAMINATE (HPL-1), UNO. REFER TO DETAILS.
- N3 COUNTERTOP TO BE QUARTZ COUNTERTOP (SSM-2), UNO. REFER TO DETAILS.
- N4 SLAT WALL SHELVING SYSTEM
- N5 BASE TO BE REMOVABLE STAINLESS STEEL. REFER TO DETAILS.
- N6 COUNTERTOP TO BE QUARTZ COUNTERTOP (SSM-3), UNO. REFER TO DETAILS.
- N7 PAINT ALL FACES OF SOFFIT EPT-2.
- N8 PROVIDE TW-6 REFER TO SHEET I200 FOR MORE DETAILS
- N9 MILLWORK TO BE LAMINATE (HPL-2), UNO. REFER TO DETAILS.
- N10 PROVIDE WP-1. . REFER TO I200 FOR MORE DETAILS
- N11 OWNER PROVIDED OWNER INSTALLED WALL GRAPHIC. PROVIDE A LEVEL 5 FINISH ON GWB.
- N12 PROVIDE STAINLESS STEEL WALL PROTECTION (WP-2) WITH FOOD SAFE SEALED JOINTS.
- N13 PROVIDE TW-1 REFER TO SHEET I200 FOR MORE DETAILS.
- N14 PROVIDE TW-2 REFER TO SHEET I200 FOR MORE DETAILS.
- N15 PROVIDE RB-1. REFER TO SHEET I200 FOR MORE DETAILS
- N16 BASE BID: INTERGRAL TERRAZZO BASE.
  ALTERNATE 7: PROVIDE SSB-1 REFER TO SHEET I200 FOR MORE DETAILS.
- N17 BASE BID: INTERGRAL TERRAZZO BASE
  ALTERNATE 7: PROVIDE INTERGRAL BASE OF ADJACENT FLOORING MATERIAL UP TO 6" WITH TOP CAP. INSTALL PER MANUFACTURED RECCOMMENDED METHODS.
- N18 PROVIDE SSM-1 SILL AT WINDOW OPENING.
- N19 ETR INTERGAL TERRAZO BASE
- N20 DISPLAY SCREENS AND HARDWARE OWNER FURNISHED, OWNER INSTALLED. PROVIDE BLOCKING PER DETAILS ON SHEET A402.
- N21 APPROXIMATE LOCATION OF OWNER PROVIDED STATION SIGNAGE. PROVIDE BLOCKING. COORDINATE WITH OWNER.
- N22 PATCH EXISTING PENETRATIONS FROM RELOCATED GRILLE AND SPEAKER, TO MATCH EXISTING SURRONDING FINISH & FEATHER DRYWALL FOR SEAMLESS TRANSITION. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS.
- N23 APPROXIMATE LOCATION OF OWNER PROVIDE ENTRY SIGNAGE. PROVIDE BLOCKING AND INFILL OF EXISTING BLUE GYPSUM REVEAL AS REQUIRED FOR NEW SIGNAGE. COORDINATE WITH OWNER.
- N24 RELOCATED GRILLE. MATCH MOUNTING ELEVATION WITH EXISTING. REFER TO MECHANICAL DRAWINGS.
- N25 RELOCATED SPEAKER. MATCH MOUNTING ELEVATION WITH EXISTING. REFER TO ELECTRICAL DRAWINGS.
- N26 ROLLING COIL SECURITY GRILLE. (B.O.D. CORNELL ESG10 VISIONAIRE V9 ROLLING GRILLE)
- N27 POS. OWNER FURNISHED. OWNER INSTALLED
- N28 RELOCATED HOOD. REFER TO MECHANICAL DRAWINGS.
- N29 PROVIDE CONTINUOUS CLEAR SILICONE BUTT JOINT BETWEEN ADJACENT GLASS PANELS.
- N30 PROVIDE INTEGRAL STAINLESS STEEL CORNER PROTECTION AT EXPOSED MILLWORK CORNERS. COORDINATE PROFILE, FINISH, AND INSTALLATION WITH MILLWORK FABRICATOR. REFER TO 12/A715.
- N31 **ALTERNATE 1:** PAINT. REFER TO I200 FOR MORE DETAILS.
- N32 PAINT. FIELD COLOR.
- N33 3/4" PLYWOOD BORDER TRIM, HPL-1 CLAD ALL EXPOSED SIDES

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Lakeland Community College

PROJECT INFORMATION

Project Number
R25.19314.00

Client Name
LAKELAND COMMUNITY COLLEGE

Project Name
DINING RENOVATION AT BREAKERS

Project Address
Clocktower Drive, Kirtland, OH 44094

PROJECT ISSUE & REVISION SCHEDULE

#	Date	Description
2	10/20/2026	ADDENDUM 2

PROFESSIONAL STAMPS

STATE OF OHIO · R.A. COCCO · 6082 · REGISTERED ARCHITECT

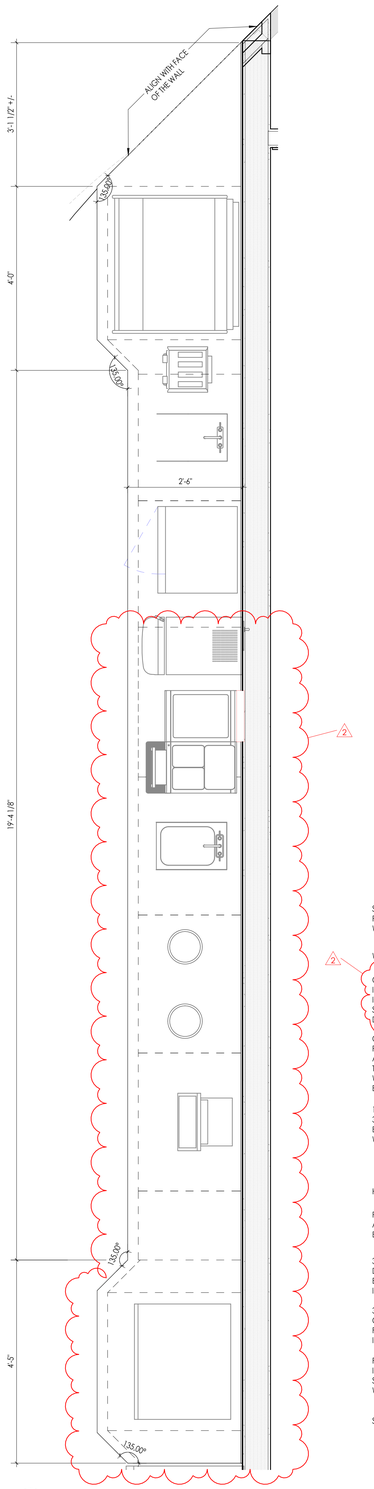
Ronald A. Cocco, # 6082
Expiration Date 12/31/2027

SHEET INFORMATION

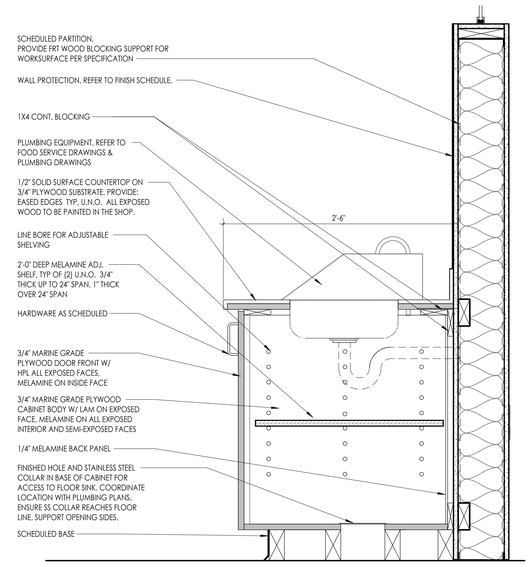
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Scale: As indicated
Project Status: BID AND PERMIT
Drawn By: CPL
Checked By: CPL
Drawing Title: ELEVATIONS

Drawing Number
-
A711

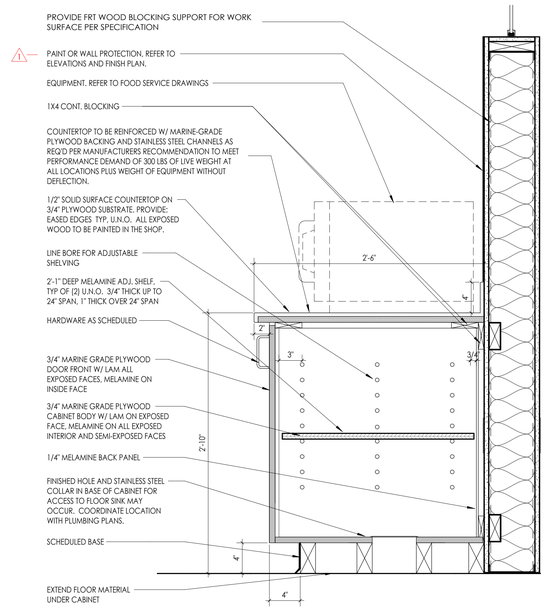
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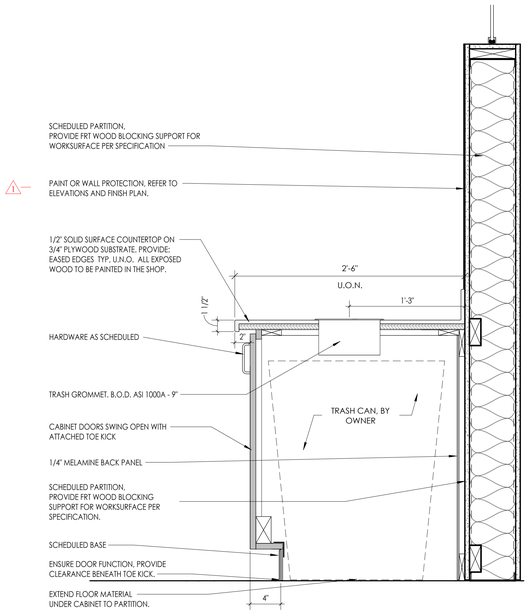
1 A712 **COFFEE/ BEVERAGE STATION CALLOUT**
3/4" = 1'-0"



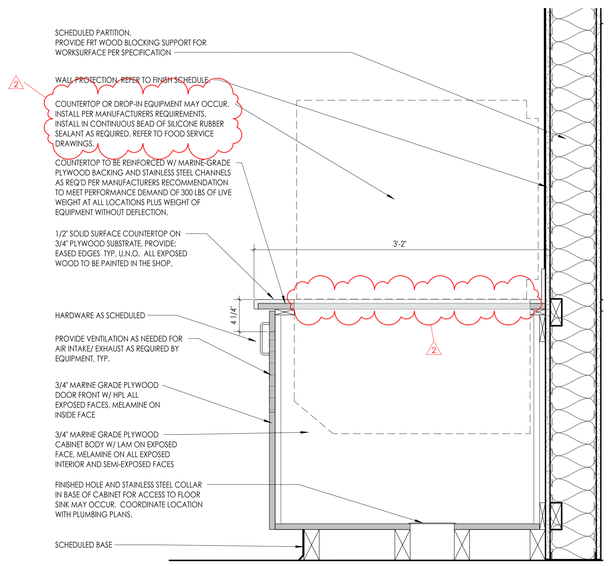
2 A712 **SECTION AT COFFEE/BEVERAGE STATION - SINK**
1 1/2" = 1'-0"



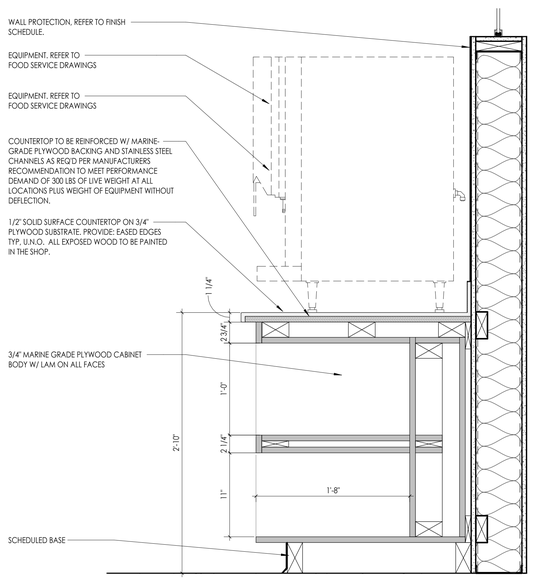
3 A712 **SECTION AT COFFEE/BEVERAGE STATION - EQUIPMENT**
1 1/2" = 1'-0"



4 A712 **SECTION AT COFFEE/ BEVERAGE STATION - TRASH W/GROMMET**
1 1/2" = 1'-0"



5 A712 **SECTION AT COFFEE/BEVERAGE STATION - BAKERY CASE**
1 1/2" = 1'-0"



6 A712 **SECTION AT COFFEE/BEVERAGE STATION - DISH CUBBY**
1 1/2" = 1'-0"

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PROJECT ISSUE & REVISION SCHEDULE

#	Date	Description
1	10/14/2026	ADDENDUM 1
2	10/20/2026	ADDENDUM 2

PROFESSIONAL STAMPS

STATE OF OHIO · R.A. COCCO · 6082 · REGISTERED ARCHITECT

Ronald A. Cocco # 6082
Expiration Date 12/31/2027

SHEET INFORMATION

Issued: 9/28/2026
Scale: As indicated
Project Status: BID AND PERMIT
Drawn By: CPL
Checked By: CPL
Drawing Title: SERVERY CALLOUTS AND DETAILS
Drawing Number: A712

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DOOR SCHEDULE- NEW

DOOR NUMBER	FIRE RATING (MIN)	DOOR PANEL: PANEL TYPE PANEL 1	PANEL TYPE PANEL 2	SINGLE PANEL DIMENSIONS WIDTH PANEL 1	WIDTH PANEL 2	HEIGHT PANELS 1 & 2	TOTAL PANEL DIMENSIONS WIDTH	HEIGHT	THICKNESS	DOOR PANEL FINISH: SIDE 1 / SIDE 2	DOOR FRAME: FRAME TYPE	FRAME DEPTH	FRAME FINISH	DETAILS: HEAD DTL	JAMB DTL	HW SET	GLAZING TYPE	COMMENTS
LVL 1																		
103A		PNL-F-HM		3'-0"		7'-0"	3'-0"	7'-0"	0'-1 3/4"	PTD	FRM-00HM1	0'-5 3/4"	PTD	3/A900	4/A900	1		
117A		PNL-F-PVC		3'-0"		7'-0"	3'-0"	7'-0"	0'-1 3/4"	ABS	FRM-70HM7	0'-5 3/4"	PTD	1/A900	2/A900	2	AG1	DOUBLE ACTING DOOR. 90 DEGREE STOP ON ROLLER.
117B		PNL-F-PVC		3'-0"		7'-0"	3'-0"	7'-0"	0'-1 3/4"	ABS	FRM-70HM7	0'-5 3/4"	PTD	1/A900	2/A900	2	AG1	DOUBLE ACTING DOOR. 90 DEGREE STOP ON ROLLER.

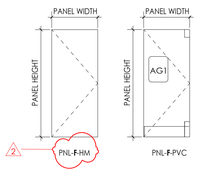
HARDWARE SETS:

HW SET 1:
-(3) HINGES
-(1) STOREROOM LOCKSET
-(1) SURFACE CLOSER
-(3) SILENCERS

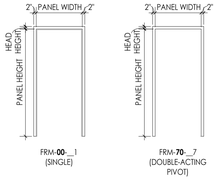
HW SET 2:
-DOUBLE ACTING GRAVITY HINGE SYSTEM. COMPLETE PER MFR.
-90 DEGREE STOPS ON ROLLER PER MFR.

COILING DOOR SCHEDULE

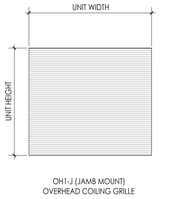
TYPE MARK	Manufacturer	BASIS OF DESIGN / MODEL	TUBE HEIGHT	OPENING WIDTH	OPENING HEIGHT	COMMENTS
G100	REFER TO SPECS	ESG	11'-5"	10'-7"	9'-6"	FINISH: CLEAR ANODIZED ALUMINUM
G200	REFER TO SPECS	ESG	11'-6 7/8"	21'-7"	8'-7"	FINISH: CLEAR ANODIZED ALUMINUM



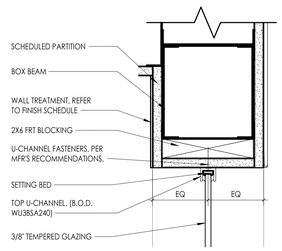
DOOR PANEL TYPES
1/4" = 1'-0"



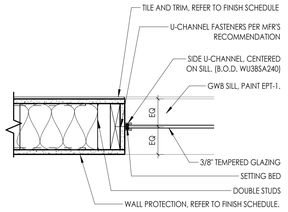
DOOR FRAME TYPES
1/4" = 1'-0"



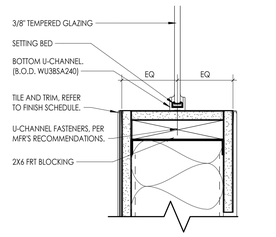
UNIT DOOR TYPES
1/4" = 1'-0"



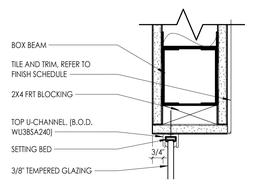
14 / A900 HEAD AT COFFEE GLAZING
3" = 1'-0"



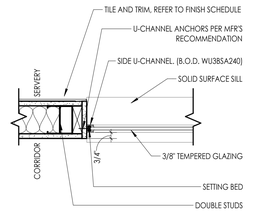
13 / A900 JAMB AT COFFEE GLAZING
1 1/2" = 1'-0"



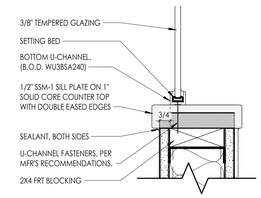
12 / A900 SILL AT COFFEE GLAZING
3" = 1'-0"



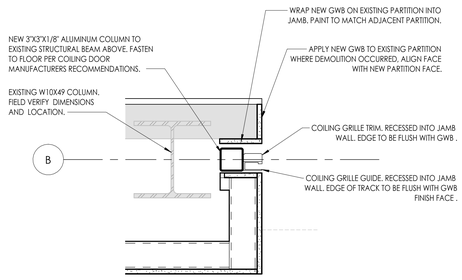
11 / A900 HEAD AT DELI GLAZING
3" = 1'-0"



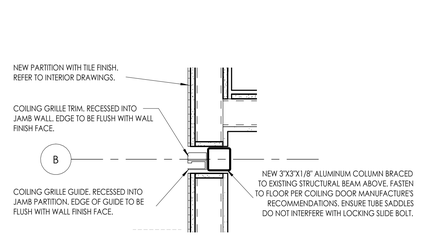
10 / A900 JAMB AT DELI GLAZING
1 1/2" = 1'-0"



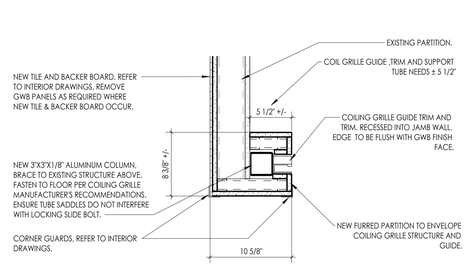
9 / A900 SILL AT DELI GLAZING
3" = 1'-0"



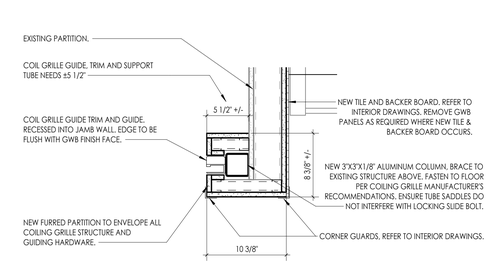
8 / A900 JAMB AT COILING GRILLE G200 - WEST
1 1/2" = 1'-0"



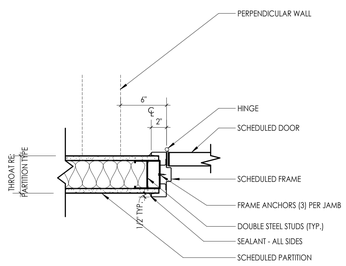
7 / A900 JAMB AT COILING GRILLE G200 - EAST
1 1/2" = 1'-0"



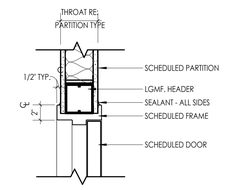
6 / A900 JAMB AT COILING GRILLE G100 - WEST
1 1/2" = 1'-0"



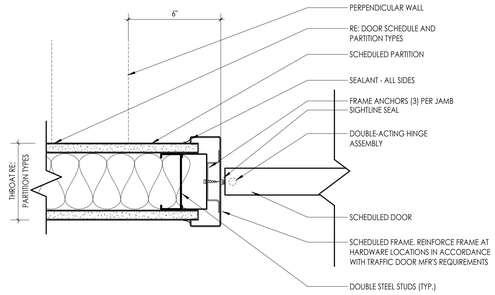
5 / A900 JAMB AT COILING GRILLE G100 - EAST
1 1/2" = 1'-0"



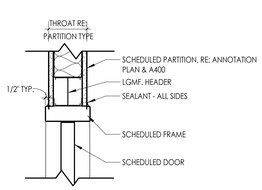
4 / A900 HM DOOR JAMB DETAIL
1 1/2" = 1'-0"



3 / A900 HM FRAME DOOR - HEAD DETAIL
1 1/2" = 1'-0"



2 / A900 DOUBE ACTING - JAMB DETAIL
3" = 1'-0"



1 / A900 DOUBLE ACTING - HEAD DETAIL
1 1/2" = 1'-0"

DOOR AND FRAME NOTES

1. ALL FRAMES ARE TO RECEIVE FULL PERIMETER SEALANT. INTERIOR AND EXTERIOR
2. ALL DOOR AND WINDOW OPENING DIMENSIONS ARE TO BE VERIFIED IN FIELD AND COORDINATED WITH APPROVED SHOP DRAWINGS PRIOR TO FABRICATION.
3. SEE SCHEDULE FOR DOOR AND FRAME MATERIAL

DOOR AND FRAME SCHEDULE LEGEND

NOTE: THIS LEGEND MAY CONTAIN SYMBOLS THAT ARE NOT USED IN THIS PROJECT.

DOOR OR FRAME MATERIAL

ACR	ACROVYN DOOR
ACR-L	ACROVYN LEAD LINED DOOR
ALUM	ALUMINUM
FRP	FIBERGLASS REINFORCED POLYMER
HM	HOLLOW METAL
HM-L	HOLLOW METAL LEAD LINED
IHM	INSULATED HOLLOW METAL
PVC	POLYVINYL CHLORIDE DOOR
WD	WOOD
WD-L	WOOD LEAD LINED

DOOR OR FRAME FINISH

ABS	ACRYLONITIRLE BUTADIENE STYRENE
PTD	PAINT
ST	WOOD STAIN
AN	CLEAR ANODIZED
DB	DARK BRONZE (ANODIZED)
SS	STAINLESS STEEL
BE	BAKED ENAMEL

GLAZING TYPES

TYPE MARK	GLAZING DESCRIPTION
AG1	1/4" ACRYLIC GLAZING BY DOOR MANUFACTURER
IGU1	1" INSULATED LOW-E GLAZING
TG1	1/4" TEMPERED GLAZING
TG2	3/8" TEMPERED GLAZING

GLAZING SYSTEM GENERAL NOTES

1. COORDINATE ALL FRAME SIZES, TRIM EXTRUSIONS AND SILLS WITH WALL SECTIONS AND DETAILS.
2. ALL FRAMES ARE TO RECEIVE FULL PERIMETER SEALANT, INTERIOR AND EXTERIOR.
3. ALL DOOR, WINDOW, AND GLAZING SYSTEM DIMENSIONS ARE TO BE VERIFIED IN FIELD PRIOR TO FABRICATION.
4. SYSTEM TYPE DESIGNATIONS ARE:
   - AC APPLIED MULLION CURTAIN WALL SYSTEM
   - CW CURTAIN WALL SYSTEM
   - HM HOLLOW METAL BORROWED LITE SYSTEM
   - SF STOREFRONT SYSTEM
   - W OPERABLE WINDOW
   - G SPECIALTY INTERIOR GLAZING SYSTEM
   - V OPERABLE VENT WITHIN SF OR CW SYSTEM
5. RATING SUFFIXES
   - __S SMOKE TIGHT BARRIER
   - __## "##" MIN FIRE/SMOKE RATED ASSEMBLY
6. OPENING MARK DESIGNATION PROVIDED FOR COORDINATION OF SHOP DRAWING SUBMITTALS.

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SHEET INFORMATION

Issued: 9/28/2026
Scale: As indicated
Project Status: BID AND PERMIT
Drawn By: CPL
Checked By: CPL
Drawing Title: DOOR PANELS, FRAME TYPES & SCHEDULES
Drawing Number: A900

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LOW VOLTAGE GENERAL NOTES

A. REFER TO THE SPECIFICATIONS FOR ADDITIONAL MATERIAL AND LABOR, SOME OF WHICH MAY NOT BE DETAILED ON THE FLOOR PLANS.

B. ALL NETWORK/DATA CABLING IS CATEGORY 6 AND SHALL BE BLUE IN COLOR.

C. ALL WIRELESS ACCESS POINTS, AND IP CAMERA CABLES SHALL BE GREEN IN COLOR.

D. ALL NETWORK JACKS, FACEPLATES, PATCH PANELS SHALL BE A COLLEGE APPROVED VENDOR AND AS MANUFACTURED BY LEVITON. CONTACT PALADIN.

E. ALL NEW LOW VOLTAGE CABLE SHALL BE INSTALLED IN THE EXISTING CABLE TRAY AND J-HOOKS AND ROUTED TO THE EXISTING TELECOMMUNICATIONS CLOSET LOCATED ON THE SECOND FLOOR.

F. BLUE PATCH CABLES SHALL BE PROVIDED FOR ALL DATA CLOSET CONNECTIONS WITH A 50/50 SPLIT OF 3 FEET AND 5 FEET CABLES. THESE CABLES SHALL NOT BE SNAGLESS.

G. WALL MOUNTED NETWORK PLATES SHALL BE LEVITON - ANGLED PLATES WITH 2 CONNECTORS (BLUE JACKS). COLOR OF PLATE SHALL MATCH THE COLOR OF THE ELECTRICAL OUTLET COVERS.

H. LABELING SHOULD MATCH SCHOOL REQUIREMENTS AND SHALL BE AS FOLLOWS: DATA CLOSET: PATCH PANEL LETTER - CABLE NUMBER EXAMPLE: A CABLE IN CLOSET 2-2 IN PATCH PANEL C WITH CABLE NUMBER 12 WOULD BE 2-2: C12

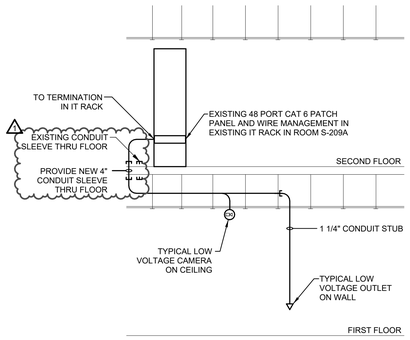
I. VERIFY THE EXACT LOCATION AND MOUNTING HEIGHTS OF WALL, FLOOR AND CEILING MOUNTED DEVICES AND EQUIPMENT WITH THE ARCHITECTURAL ELEVATIONS, DETAILS, FLOOR AND CEILING PLANS AND WITH THE EXISTING CONDITIONS BEFORE ROUGH-IN OF THE ELECTRICAL WORK. DISCREPANCIES MUST BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE FOR RESOLUTION PRIOR TO ROUGH-IN.

J. COORDINATE THE TECHNOLOGY WORK WITH ALL TRADES ON SITE AND WITH THE OWNER'S REPRESENTATIVE. REFER TO THE PLANS AND DETAILS SHOWING THE ARCHITECTURAL, MECHANICAL, PLUMBING, ELECTRICAL, AND FOOD SERVICE WORK TO PROPERLY PLAN AND INSTALL THE TECHNOLOGY SYSTEMS AND EQUIPMENT.

K. CONTRACTOR SHALL UTILIZE EXISTING CABLE TRAY AND RACEWAYS INTO THE TELECOM ROOM.

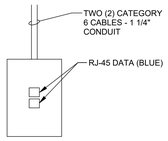
L. CONTRACTOR TO PROVIDE NEW FACEPLATES, JACKS AND CABLING BACK TO TELECOM ROOMS.

M. CONTRACTOR IS RESPONSIBLE TO PERFORM TESTING ON ALL CABLE AND LABEL PER SPECIFICATIONS.



COMMUNICATIONS RISER DIAGRAM

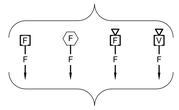
NO SCALE



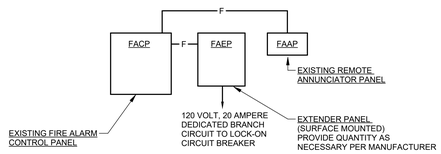
DATA FACEPLATE DETAIL

NO SCALE

TYPICAL DEVICE DESIGNATIONS - REFER TO FLOOR PLANS FOR DEVICE TYPES AND LOCATIONS, AND REFER TO SYMBOL LEGEND FOR DESCRIPTIONS

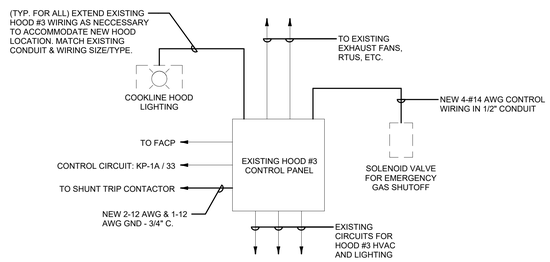


TYPICAL DEVICE WIRING TO FACP OR FAEP - 18 AWG, 16 AWG AND 14 AWG COPPER CABLES



FIRE ALARM SYSTEM BLOCK DIAGRAM

1. ALL 24VDC FIRE ALARM CABLE SHALL BE INSTALLED IN CONDUIT, OR SHALL BE FIRE ALARM/CONTROL TYPE MC CABLE (RED SHEATH). AT THE CONTRACTORS OPTION, PLENUM RATED CABLE MAY BE USED WITHOUT CONDUIT ONLY ABOVE ACCESSIBLE, LAY-IN CEILINGS, AND IN EXPOSED STRUCTURE AREAS ABOVE 12'-0" A.F.F.
2. THE SYSTEM SUPPLIER (SIEMENS) SHALL DETERMINE THE SIZE, TYPE AND QUANTITY OF 24VDC CABLES FOR THE SYSTEM, AND SHALL FURNISH INSTALLATION FLOOR PLANS FOR REVIEW AND APPROVAL.
3. ALL CONDUIT AND WIRING IS BY THE CONTRACTOR, UNLESS NOTED OTHERWISE.
4. ALL FIRE ALARM DEVICES ARE FURNISHED BY SIEMENS AND INSTALLED BY THE CONTRACTOR, U.O.N. CONFIRM ALL INSTALLATION REQUIREMENTS WITH SIEMENS BEFORE ROUGH-IN.
5. ALL WORK BY THE CONTRACTOR SHALL BE TESTED BY THE CONTRACTOR, UNDER THE SUPERVISION OF SIEMENS.
6. REFER TO THE SPECIFICATIONS FOR ADDITIONAL SYSTEM REQUIREMENTS.
7. PROVIDE UPDATED FIRE ALARM DRAWINGS TO BE ISSUED FOR PERMIT AND CONSTRUCTION.
8. SIEMENS CONTACT: ALAN JUSTICE 216-530-5091



KITCHEN HOOD WIRING DIAGRAM

1) ALL DASHED ITEMS ARE BY OTHERS WIRED BY E.C. - CONFIRM ALL REQUIREMENTS WITH THE KITCHEN EQUIPMENT MANUFACTURER.

2) HOOD #3 CONTROL PANEL IS EXISTING TO REMAIN. ALL CONNECTIONS ARE EXISTING UNLESS OTHERWISE NOTED.

ELECTRICAL GENERAL NOTES

A. THE ELECTRICAL INSTALLATION MUST MEET OR EXCEED THE MINIMUM REQUIREMENTS OF THE LATEST EDITION OF THE NATIONAL ELECTRIC CODE AND ANY APPLICABLE STATE OR LOCAL CODES, AS INTERPRETED BY THE LOCAL AUTHORITY HAVING JURISDICTION.

B. CONFIRM THE CEILING TYPES IN ALL AREAS WITH THE GENERAL TRADES CONTRACTOR OR WITH THE EXISTING BUILDING CEILING CONDITIONS, AND FURNISH THE PROPER LIGHT FIXTURE TRIMS AND SUPPORTS TO SUIT EACH CEILING TYPE.

C. ALL LIGHTING FIXTURE LOCATIONS INDICATED ON THIS DRAWING SHALL BE SUPERSEDED BY THE ARCHITECTURAL REFLECTED CEILING PLAN FOR THE AREA. ELECTRICAL CONTRACTOR SHALL REVIEW ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF LIGHT FIXTURES.

D. BRANCH CIRCUIT WIRING FOR EMERGENCY LIGHTING BATTERY PACKS AND EXIT LIGHTS SHALL BE INSTALLED AND CONNECTED IN ACCORDANCE WITH ARTICLE 700 OF THE NATIONAL ELECTRICAL CODE.

E. THIS CONTRACTOR SHALL COORDINATE INSTALLATION OF AND MOUNTING OF ALL DUPLEX RECEPTACLES, DATA, OUTLETS, ETC., WITH ROOM ELEVATIONS AND ALL MILLWORK DRAWINGS BEFORE ROUGH-IN.

F. THIS CONTRACTOR SHALL COORDINATE ALL FLOOR OUTLETS WITH FURNITURE PLAN LAYOUTS BEFORE ROUGH-IN. FINAL LOCATIONS SHALL BE APPROVED BY THE ARCHITECT. OBTAIN FURNITURE PLANS FROM ARCHITECT OR INTERIOR SPACE PLANNER.

G. ALL EXISTING UNUSED ELECTRICAL WIRE, CONDUIT, AND EQUIPMENT SHALL BE REMOVED.

H. OPEN WIRE AND OPEN CABLES INSTALLED WITHIN THE RETURN AIR CEILING SPACE SHALL BE PLENUM RATED LETTER CODE 'P'.

I. ALL WIRE FOR POWER, LIGHTING, AND CONTROL SYSTEMS SHALL BE 600 VOLT THHN-THWN, 90 DEGREE INSULATED AND SHALL BE COPPER. ALL WIRE FOR COMMUNICATIONS SYSTEMS SHALL BE COPPER.

J. FIRE SEAL OPENINGS AROUND ALL CONDUIT PENETRATIONS. PENETRATIONS THROUGH FIRE RATED CONSTRUCTION SHALL BE SEALED WITH LISTED FIRE RATED MATERIALS.

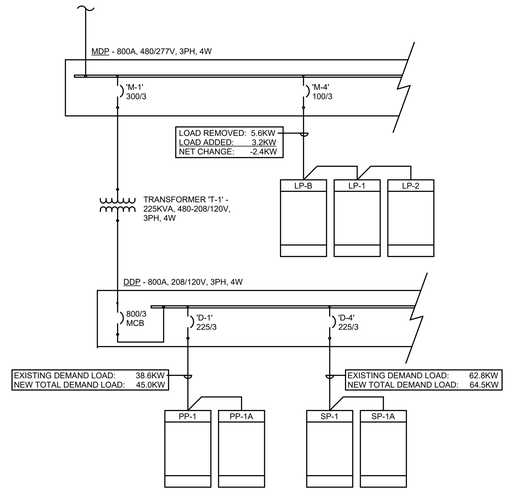
K. ALL HOMERUN WIRING SHALL BE RUN IN EMT THIN-WALL THREADLESS CONDUIT. TYPE MC CABLE MAY BE INSTALLED CONCEALED WITHIN WALL AND CEILING SPACES FOR BRANCH CIRCUIT WIRING.

L. ALL ELECTRICAL EQUIPMENT SHALL BE U.L. LISTED OR LABELED.

M. COORDINATE THE ELECTRICAL WORK WITH ALL TRADES ON SITE AND WITH THE OWNER'S REPRESENTATIVE. REFER TO THE PLANS AND DETAILS SHOWING THE ARCHITECTURAL, MECHANICAL, AND PLUMBING WORK TO PROPERLY PLAN AND INSTALL THE ELECTRICAL SYSTEMS AND EQUIPMENT.

ELECTRICAL SYMBOLS

A/3,5	BRANCH CIRCUIT HOMERUN TO PANEL "A", CIRCUIT #3 AND #5. PROVIDE THE PROPER QUANTITY OF 12 AWG CONDUCTORS FOR THE CIRCUIT(S) INDICATED. A SEPARATE GROUNDING CONDUCTOR IS REQUIRED FOR ALL BRANCH CIRCUITS.
O_A	LIGHT FIXTURE TYPE 'A'
S	SINGLE POLE SWITCH - MOUNTING AT 48" A.F.F.
(M)	OCCUPANCY SENSOR - CEILING MOUNTED
(D)	DAYLIGHT SENSOR - WALL OR CEILING MOUNTED AS REQUIRED
	EXIT SIGN - CEILING MOUNTED. SHADING INDICATES LIGHTED FACE. ARROW INDICATES CHEVRON DIRECTION
	EMERGENCY BATTERY PACK, FLUSH CEILING MOUNTED
	DUPLEX RECEPTACLE - MOUNTING AT 18" A.F.F.
	TWO DUPLEX RECEPTACLES MOUNTED IN A 2-GANG BOX AT 18" A.F.F. UNLESS OTHERWISE NOTED
36"	DUPLEX RECEPTACLE - INDICATES MOUNTING AT 36" A.F.F.
C	DUPLEX RECEPTACLE - MOUNTING AT 8" ABOVE BACKSPLASH
G	DUPLEX RECEPTACLE - GROUND FAULT CIRCUIT INTERRUPTER (GFCI) TYPE
USB	DUPLEX RECEPTACLE - WITH TWO USB TYPE-C PORTS
TV	DUPLEX RECEPTACLE - MOUNTED AT 84" A.F.F. FOR TELEVISION - U.O.N.
	SPECIAL PURPOSE OUTLET - REFER TO PLANS FOR TYPES AND RATINGS
A	FLOOR OUTLET TYPE 'A' - REFER TO PLANS FOR TYPES AND DEVICES
(J)	JUNCTION BOX - MOUNTING HEIGHT AND SIZE AS REQUIRED
	PANELBOARD - 0 TO 150 VOLTS TO GROUND
	PANELBOARD - 151 TO 600 VOLTS TO GROUND
	DATA OUTLET - (2) BLUE CAT6 CABLES AND TERMINATIONS BACK TO IT PATCH PANEL.
CV	CEILING MOUNTED CAMERA - PROVIDE (1) CAT6 CABLE BACK TO IT RACK
F	FIRE ALARM PULL STATION - MOUNTED AT 48" A.F.F.
F	FIRE ALARM HORN WITH VISUAL STROBE LIGHT - MOUNTED AT 80" A.F.F.
V	FIRE ALARM VISUAL STROBE LIGHT - MOUNTED AT 80" A.F.F.
F	FIRE ALARM RECESSED CEILING SPEAKER/STROBE
FACP	FIRE ALARM CONTROL PANEL
4	PLAN NOTE TAG, REFER TO PLANS FOR DESCRIPTION
4	INDICATES ELECTRICAL CONNECTION TO KITCHEN EQUIPMENT ITEM #4 REFER TO KITCHEN EQUIPMENT SCHEDULE FOR REQUIREMENTS
A.F.F.	ABOVE FINISHED FLOOR
E.C.	ELECTRICAL CONTRACTOR
M.C.	MECHANICAL CONTRACTOR
U.O.N.	UNLESS OTHERWISE NOTED



ONE LINE DIAGRAM

NO SCALE

NOTE: ALL DISTRIBUTION PANELS, PANELBOARDS, TRANSFORMERS, AND ASSOCIATED FEEDERS & CONDUIT ARE EXISTING TO REMAIN, UNLESS OTHERWISE NOTED.

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PROJECT INFORMATION

Project Number
26162

Client Name
LAKELAND CC

Project Name
BREAKERS RENOVATION

Project Address
7700 CLOCKTOWER DRIVE, KIRTLAND, OH 44094

PROJECT ISSUE & REVISION SCHEDULE

#	Date	Description
1	10/19/2026	ADDENDUM 2

PROFESSIONAL STAMPS



NEW YORK STATE EDUCATION STATEMENT

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SHEET INFORMATION

Issued
9/28/2026

Scale
1/8" = 1'-0"

Project Status
BIDDING/PERMIT

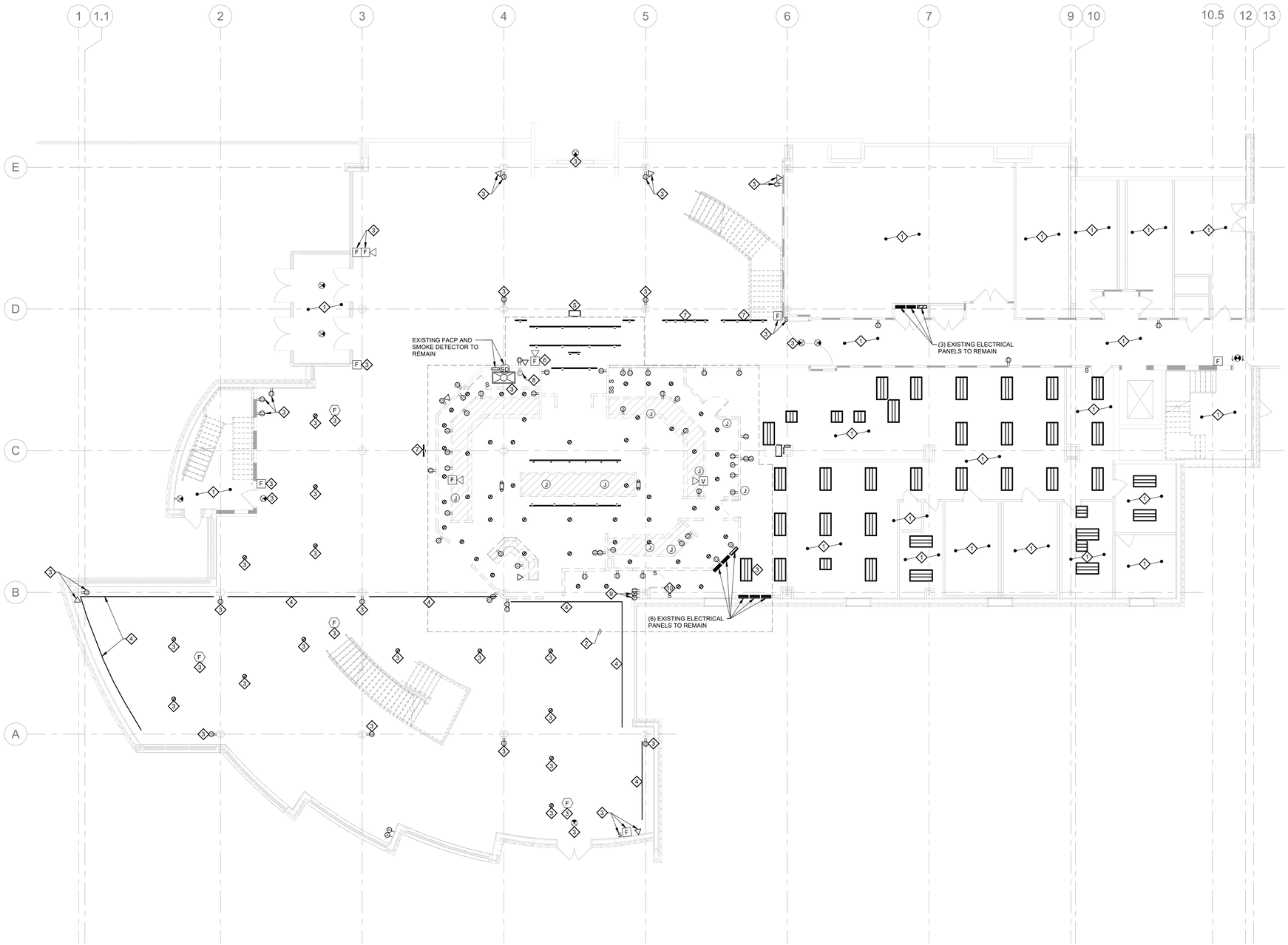
Drawn By
JDC

Checked By
SJB

Drawing Title
ELECTRICAL SYMBOLS, NOTES, & DETAILS

Drawing Number
E001

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1 E101 LEVEL 1 ELECTRICAL DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

PLAN NOTES

1. MAINTAIN ALL DEVICES AND LIGHTING FIXTURES IN THIS AREA UNLESS OTHERWISE NOTED.
2. REMOVE ALL EXISTING LIGHTING, CONTROLS, POWER AND COMMUNICATIONS DEVICES, AND ASSOCIATED CONDUIT AND WIRING IN THIS AREA, UNLESS OTHERWISE NOTED.
3. EXISTING DEVICE OR LIGHTING FIXTURE TO REMAIN.
4. BASE BID: EXISTING COVE LIGHTING FIXTURE TO REMAIN. ALTERNATE #3 BID: REMOVE EXISTING FLUORESCENT COVE LIGHTING FIXTURES. MAINTAIN EXISTING BRANCH CIRCUIT WIRING FOR CONNECTION TO NEW COVE FIXTURES WHERE FOUND SERVICEABLE.
5. RELOCATE EXISTING SPEAKER TO LOCATION SHOWN ON SHEET E201.
6. RELOCATE EXISTING FIRE ALARM DEVICE TO LOCATION SHOWN ON SHEET E201.
7. EXISTING TRACK LIGHTING FIXTURE AND ASSOCIATED CONDUIT AND WIRING TO BE REMOVED.
8. DISCONNECT EXISTING RECEPTACLE FROM EXISTING CIRCUIT. DEVICE TO BE RE-CIRCUITED AS A PART OF NEW WORK.
9. RELOCATE EXISTING ENCLOSURE CONTAINING (2) NEMA 10-50R RECEPTACLES TO NEW LOCATION SHOWN ON SHEET E201.
10. REMOVE EXISTING LIGHTING CONTROL STATION FOR FIRST AND SECOND FLOOR SEATING AREA LIGHTING - PROVIDE NEW CONTROLS AS SHOWN ON E301.

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PROJECT INFORMATION

Project Number
26162

Client Name
LAKELAND CC

Project Name
BREAKERS RENOVATION

Project Address
7700 CLOCKTOWER DRIVE, KIRTLAND, OH 44094

PROJECT ISSUE & REVISION SCHEDULE

#	Date	Description
1	10/19/2026	ADDENDUM 2

PROFESSIONAL STAMPS

STATE OF OHIO · TIMOTHY G. POOL · E-59760 · REGISTERED PROFESSIONAL ENGINEER · 9/28/26

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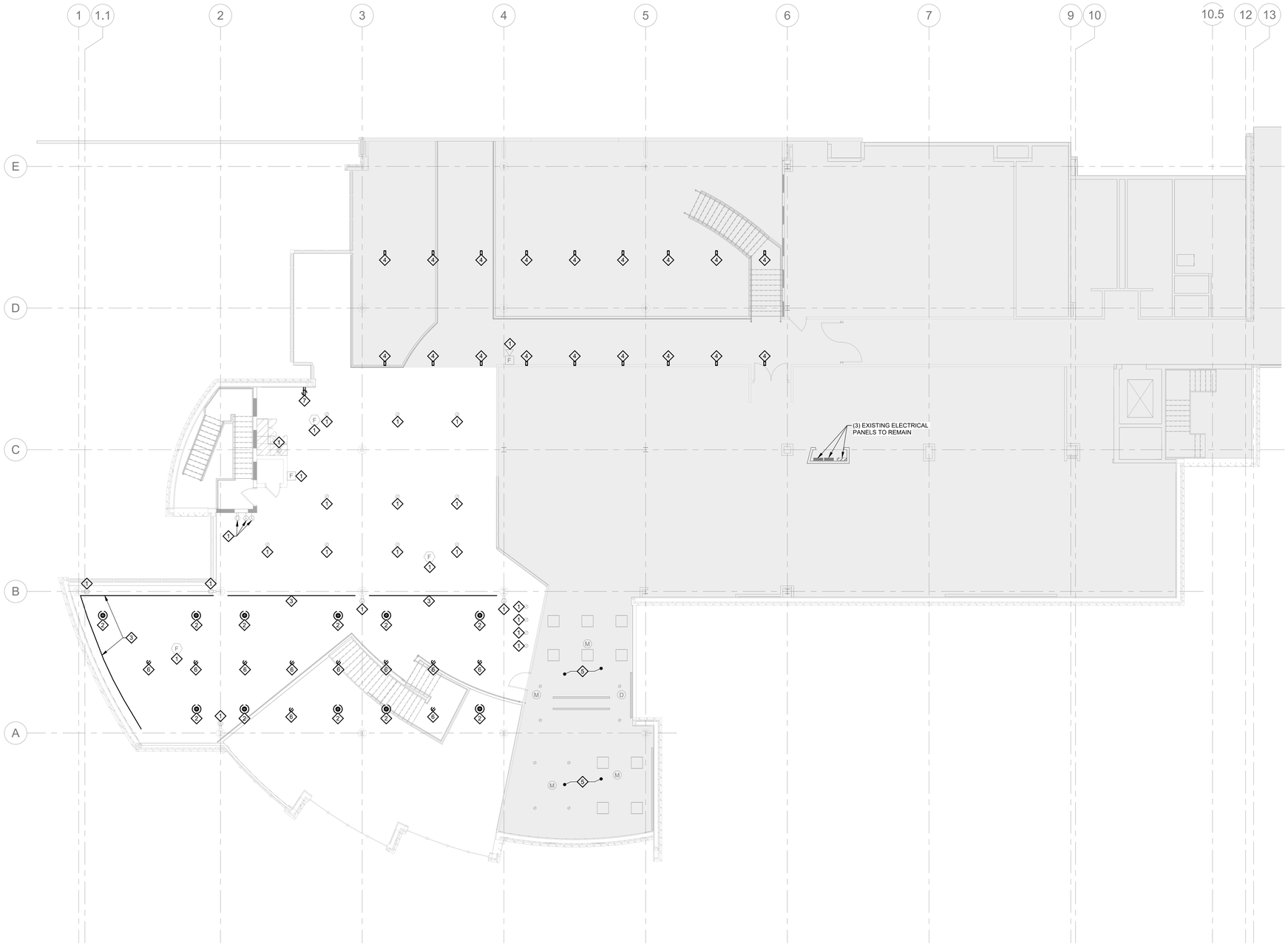
Project Status
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Drawn By	Checked By
JDC	SJB

Drawing Title
LEVEL 1 ELECTRICAL DEMOLITION PLAN

Drawing Number
E101

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PLAN NOTES

1. EXISTING DEVICE OR LIGHTING FIXTURE TO REMAIN.
2. REMOVE EXISTING METAL HALIDE PENDANT LIGHTING FIXTURES AND ASSOCIATED CONDUIT AND WIRING. MAINTAIN BRANCH CIRCUIT FOR CONNECTION TO NEW DOWNLIGHT FIXTURES IN NEW LOCATIONS.
3. ~~EXISTING COVE LIGHTING FIXTURE TO REMAIN.~~ ALTERNATE #5 BID: REMOVE EXISTING FLUORESCENT COVE LIGHTING FIXTURES. MAINTAIN EXISTING BRANCH CIRCUIT WIRING FOR CONNECTION TO NEW COVE FIXTURES WHERE FOUND SERVICEABLE.
4. REMOVE EXISTING METAL HALIDE LIGHTING FIXTURE RECESSED IN WALL AT SECOND FLOOR SKYLIGHT. WHERE FOUND SERVICEABLE, MAINTAIN EXISTING BRANCH CIRCUIT WIRING FOR CONNECTION TO NEW LED RECESSED FIXTURES AT SAME LOCATION.
5. ALL DEVICES AND LIGHTING FIXTURES IN VETERANS CENTER ARE EXISTING TO REMAIN.
6. REMOVE EXISTING DOWNLIGHT FIXTURE AND ASSOCIATED CONDUIT AND WIRING. MAINTAIN THE EXISTING NIGHT LIGHT CIRCUIT FOR CONNECTION TO NEW NIGHT LIGHTS.
7. REMOVE EXISTING DEVICE, ASSOCIATED BRANCH CIRCUIT CONDUIT AND WIRING TO BE MODIFIED TO SERVE NEW RECEPTACLE ADDED ABOVE COUNTER.

1 E102 LEVEL 2 ELECTRICAL DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

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PROJECT INFORMATION

Project Number
26162

Client Name
LAKELAND CC

Project Name
BREAKERS RENOVATION

Project Address
7700 CLOCKTOWER DRIVE, KIRTLAND, OH 44094

PROJECT ISSUE & REVISION SCHEDULE

#	Date	Description
1	10/19/2026	ADDENDUM 2

PROFESSIONAL STAMPS

STATE OF OHIO
TIMOTHY G. POOL
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REGISTERED PROFESSIONAL ENGINEER
9/28/26

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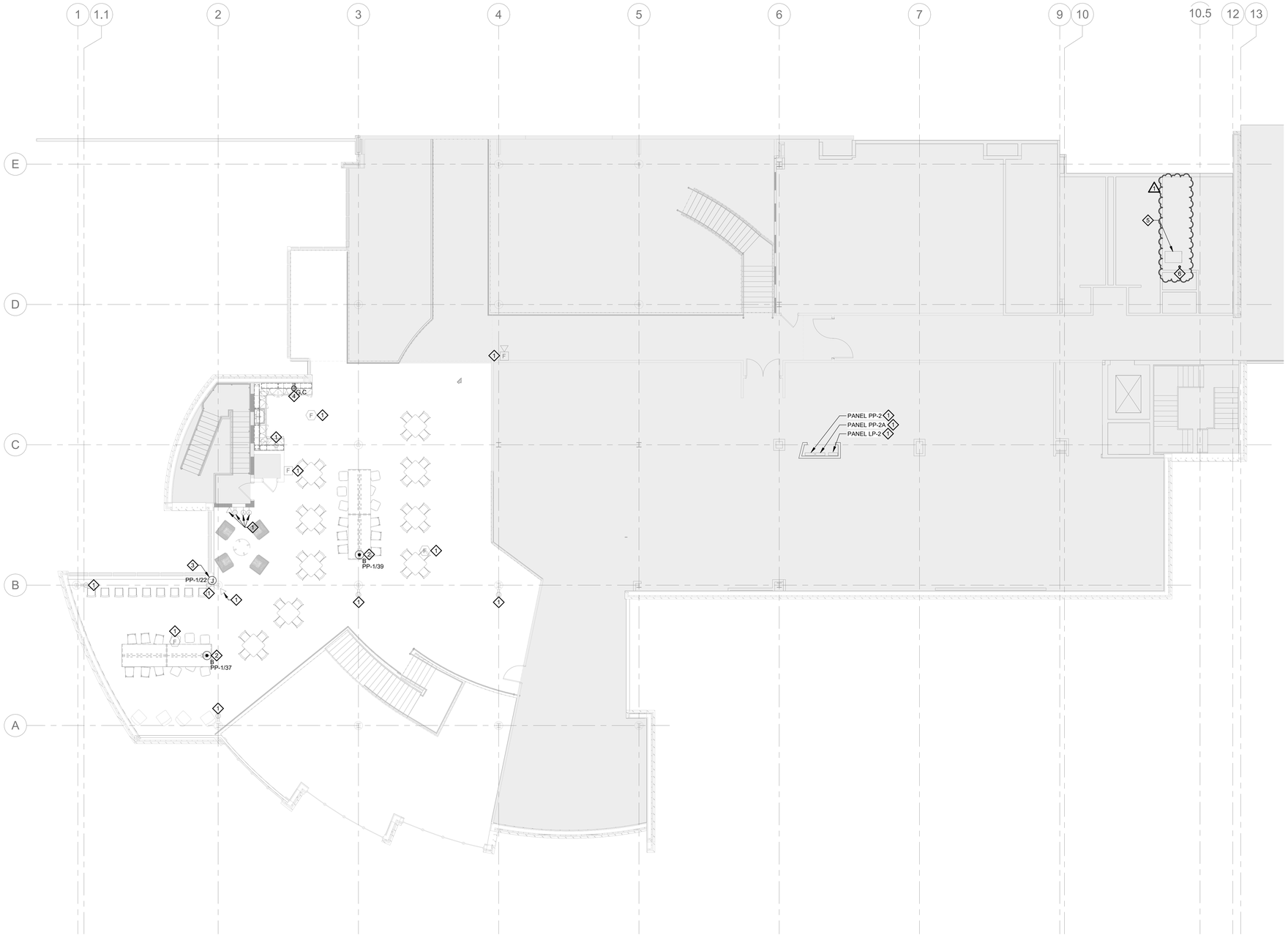
Project Status
BIDDING/PERMIT

Drawn By	Checked By
JDG	SJB

Drawing Title
LEVEL 2 ELECTRICAL DEMOLITION PLAN

Drawing Number
E102

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1 E202 LEVEL 2 POWER PLAN
SCALE: 1/8" = 1'-0"

PLAN NOTES

1. EXISTING DEVICE OR EQUIPMENT TO REMAIN.
2. PROVIDE 6" ROUND, FLUSH POKE THRU FOR POWER FEED TO SYSTEMS FURNITURE. PROVIDE 1" LIQUID-TIGHT FLEX WHIP FOR POWER TO FURNITURE IN-FEED. CONFIRM LOCATION AND CONNECTION TYPE WITH FURNITURE VENDOR PRIOR TO ROUGH-IN. PROVIDE 3/4" UNDERFLOOR CONDUIT FOR POWER. POKE THRU TO BE BY LEGRAND, OR APROVED EQUALS. PROVIDE ALL PARTS AND ACCESSORIES FOR A COMPLETE AND OPERABLE INSTALLATION.
3. PROVIDE JUNCTION BOX FOR POWER FEED TO SYSTEMS FURNITURE. PROVIDE 1" LIQUID-TIGHT FLEX WHIP FOR POWER TO FURNITURE IN-FEED. CONFIRM LOCATION AND CONNECTION TYPE WITH FURNITURE VENDOR PRIOR TO ROUGH-IN.
4. EXTEND EXISTING BRANCH CIRCUIT CONDUIT AND WIRING FROM NEARBY RECEPTACLE REMOVED IN DEMOLITION PHASE TO NEW RECEPTALCE ABOVE COUNTER.
5. EXISTING IT RACK LOCATED IN ROOM S-209A. TERMINATE ALL NEW DATA CABLING IN EXISTING PATCH PANEL.
6. PROVIDE A NEW 4" CORE DRILL THRU FLOOR AND FIRESTOPPING AS NECESSARY FOR NEW DATA CABLING.

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PROJECT INFORMATION

Project Number
26162

Client Name
LAKELAND CC

Project Name
BREAKERS RENOVATION

Project Address
7700 CLOCKTOWER DRIVE, KIRTLAND, OH 44094

PROJECT ISSUE & REVISION SCHEDULE

#	Date	Description
1	10/19/2026	ADDENDUM 2

PROFESSIONAL STAMPS

STATE OF OHIO
TIMOTHY G. POOL
E-59760
REGISTERED PROFESSIONAL ENGINEER
9/28/26

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Issued	Scale
9/28/2026	1/8" = 1'-0"
Project Status	
BIDDING/PERMIT	
Drawn By	Checked By
JDG	SJB

Drawing Title
LEVEL 2 POWER PLAN

Drawing Number
E202

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PLAN NOTES

1. ALL LIGHTING FIXTURES IN THIS AREA ARE EXISTING TO REMAIN UNLESS OTHERWISE NOTED.
2. EXISTING LIGHTING FIXTURE OR DEVICE TO REMAIN.
3. BASE BID: EXISTING COVE LIGHTING FIXTURE TO REMAIN. ALTERNATE #3 BID: REPLACE EXISTING FLUORESCENT COVE FIXTURE WITH NEW LED COVE FIXTURE. CONNECT NEW FIXTURE TO EXISTING BRANCH CIRCUIT WIRING AND LIGHTING CONTROLS.
4. EXISTING SINGLE-POLE SWITCH. VERIFY THAT CONTROL ZONE INCLUDES AND IS LIMITED TO THE LIGHTING FIXTURES IN THIS AREA. MODIFY BRANCH CIRCUIT WIRING AS NECESSARY FOR DESIRED OPERATION.
5. PROVIDE (4) SINGLE-POLE SWITCHES FOR MANUAL CONTROL OF FIRST AND SECOND FLOOR SEATING AREA LIGHTING CIRCUITS. INTERCEPT EXISTING CIRCUITS AND WIRE THRU NEW SWITCHES.
6. ALL NEW 277V LIGHTING IN THE SERVERY AND COFFEE BAR AREA SHALL BE WIRED TO PANEL LP-1 CIRCUIT #10. PROVIDE LOCAL SWITCH FOR MANUAL CONTROL AT LOCATION SHOWN.
7. ALL NEW 120V LIGHTING IN THE SERVERY AND COFFEE BAR AREA SHALL BE WIRED TO PANEL SP-1 CIRCUIT #42. PROVIDE LOCAL SWITCH FOR MANUAL CONTROL AT LOCATION SHOWN.
8. CONNECT EXISTING LIGHTING FIXTURE TO NEW SERVERY LIGHTING BRANCH CIRCUIT AND NEW SWITCH AS SHOWN.
9. PROVIDE SINGLE-POLE SWITCH FOR CONTROL OF COFFEE BAR TYPE 'C2' LIGHTING FIXTURE. CONFIRM LOCATION WITH OWNER BEFORE ROUGH-IN.
10. NEW EXIT SIGN TO BE MOUNTED TO SOFFIT WALL ABOVE OPENING.

1 E301 LEVEL 1 LIGHTING PLAN
SCALE: 1/8" = 1'-0"

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Project Number
26162

Client Name
LAKELAND CC

Project Name
BREAKERS RENOVATION

Project Address
7700 CLOCKTOWER DRIVE, KIRTLAND, OH 44094

PROJECT ISSUE & REVISION SCHEDULE

#	Date	Description
1	10/19/2026	ADDENDUM 2

PROFESSIONAL STAMPS

STATE OF OHIO · TIMOTHY G. POOL · 59790 · REGISTERED PROFESSIONAL ENGINEER · 9/28/26

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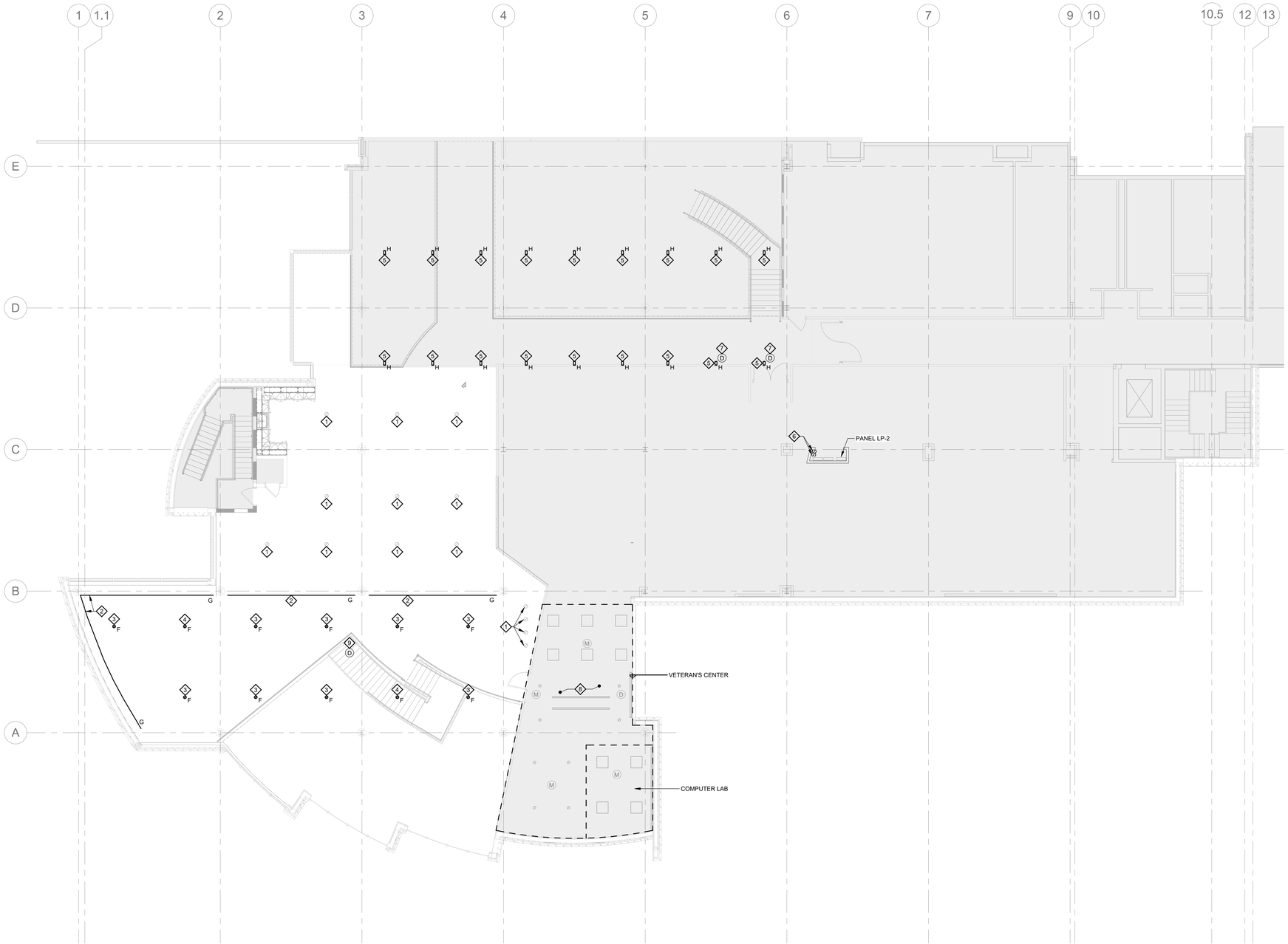
Project Status
BIDDING/PERMIT

Drawn By	Checked By
JDG	SJB

Drawing Title
LEVEL 1 LIGHTING PLAN

Drawing Number
E301

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1 E302 LEVEL 2 LIGHTING PLAN

SCALE: 1/8" = 1'-0"

PLAN NOTES

1 EXISTING LIGHTING FIXTURE TO REMAIN.

2 BASE BID: EXISTING COVE LIGHTING FIXTURE TO REMAIN. ALTERNATE #5 BID: REPLACE EXISTING FLUORESCENT COVE FIXTURE WITH NEW LED COVE FIXTURE. CONNECT NEW FIXTURE TO EXISTING BRANCH CIRCUIT WIRING AND LIGHTING CONTROLS.

3 WIRE NEW DOWNLIGHT FIXTURES TO EXISTING 277V PENDANT LIGHTING CIRCUIT IN AREA. PROVIDE AND WIRE THRU DAYLIGHT SENSOR WITH 0-10V DIMMING CONTROL.

4 WIRE NEW DOWNLIGHT FIXTURES TO EXISTING 277V NIGHT LIGHT CIRCUIT IN AREA.

5 REPLACE EXISTING METAL HALIDE FIXTURE RECESSED IN WALL WITH NEW LED EQUIVALENT AT SAME LOCATION. REMOVE FIXTURES FROM EXISTING LIGHTING CONTROLS AND PROVIDE NEW MANUAL AND DAYLIGHT CONTROLS AS SHOWN ON PLAN. PROVIDE ADDITIONAL TRIM RINGS AS NECESSARY TO COVER UP EXISTING HOLES.

6 PROVIDE (2) NEW SINGLE POLE SWITCHES IN SECOND FLOOR ELECTRICAL CLOSET FOR CONTROL OF SKYLIGHT WALL FIXTURES.

7 PROVIDE NEW ON/OFF DAYLIGHT SENSOR FOR CONTROL OF SKYLIGHT WALL FIXTURES. LOCATE SENSOR TO MINIMIZE REWORK OF EXISTING BRANCH CIRCUIT.

8 MODIFY THE OCCUPANCY CONTROL WIRING IN THE VETERAN'S CENTER TO ENSURE THAT ALL OF THE EXISTING OCCUPANCY SENSORS IN THE VETERAN'S CENTER MAIN ROOM AND THE OFFICE WILL TURN ON ALL OF THE LIGHTS IN THE VETERAN'S CENTER MAIN ROOM AND THE OFFICE. THE EXISTING OCCUPANCY SENSOR IN THE COMPUTER LAB CAN REMAIN AS A SEPARATE POINT OF CONTROL. SET OCCUPANCY SENSOR AUTOMATIC SHUTOFF TO HIGHEST POSSIBLE TIME.

9 PROVIDE NEW 0-10V DIMMING DAYLIGHT SENSOR FOR DIMMING CONTROL OF NEW DOWNLIGHTS ON 277V NORMAL LIGHTING CIRCUIT. PROVIDE 0-10V DIMMING WIRING TO EACH DIMMED FIXTURE.

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Client Name
LAKELAND CC

Project Name
BREAKERS RENOVATION

Project Address
7700 CLOCKTOWER DRIVE, KIRTLAND, OH 44094

PROJECT ISSUE & REVISION SCHEDULE

#	Date	Description
1	10/19/2026	ADDENDUM 2

PROFESSIONAL STAMPS

STATE OF OHIO · TIMOTHY G. POOL · 59790 · REGISTERED PROFESSIONAL ENGINEER · 9/28/26

NEW YORK STATE EDUCATION STATEMENT

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SHEET INFORMATION

Issued	Scale
9/28/2026	1/8" = 1'-0"

Project Status
BIDDING/PERMIT

Drawn By	Checked By
JDG	SJB

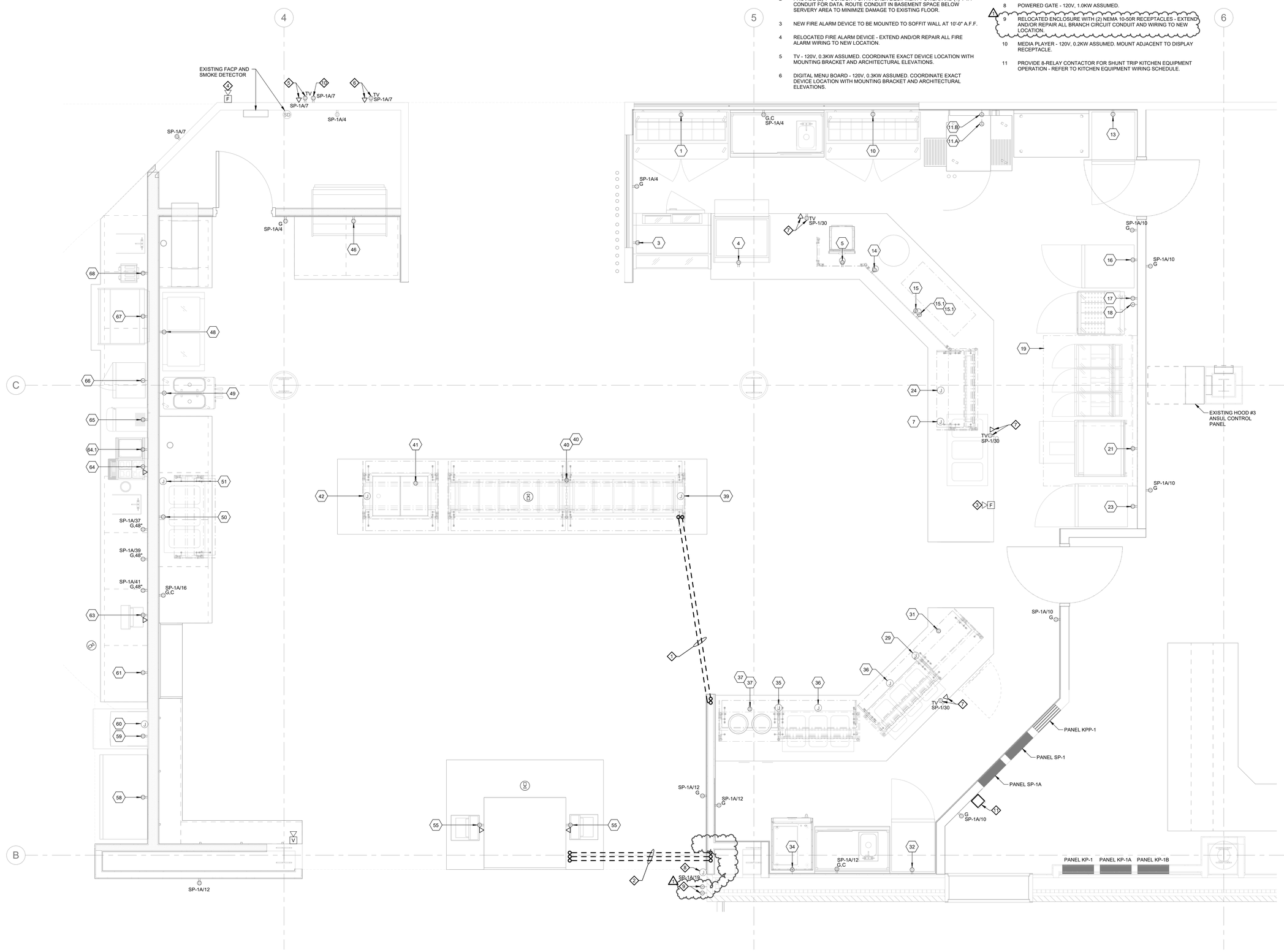
Drawing Title
LEVEL 2 LIGHTING PLAN

Drawing Number
E302

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PLAN NOTES

1. PROVIDE (3) 1" CONDUIT FOR POWER TO KITCHEN EQUIPMENT. ROUTE CONDUIT IN BASEMENT SPACE BELOW SERVERY AREA TO MINIMIZE DAMAGE TO EXISTING FLOOR.
2. PROVIDE (2) 1" CONDUIT FOR KITCHEN EQUIPMENT POWER, AND (1) 1 1/4" CONDUIT FOR DATA. ROUTE CONDUIT IN BASEMENT SPACE BELOW SERVERY AREA TO MINIMIZE DAMAGE TO EXISTING FLOOR.
3. NEW FIRE ALARM DEVICE TO BE MOUNTED TO SOFFIT WALL AT 10'-0" A.F.F.
4. RELOCATED FIRE ALARM DEVICE - EXTEND AND/OR REPAIR ALL FIRE ALARM WIRING TO NEW LOCATION.
5. TV - 120V, 0.3KW ASSUMED. COORDINATE EXACT DEVICE LOCATION WITH MOUNTING BRACKET AND ARCHITECTURAL ELEVATIONS.
6. DIGITAL MENU BOARD - 120V, 0.3KW ASSUMED. COORDINATE EXACT DEVICE LOCATION WITH MOUNTING BRACKET AND ARCHITECTURAL ELEVATIONS.
7. DIGITAL MENU BOARD - 120V, 0.3KW ASSUMED. MOUNT DEVICES ON SOFFIT WALL AT APPROXIMATELY 10'-0" A.F.F., COORDINATE EXACT DEVICE LOCATION WITH MOUNTING BRACKET AND ARCHITECTURAL ELEVATIONS.
8. POWERED GATE - 120V, 1.0KW ASSUMED.
9. RELOCATED ENCLOSURE WITH (2) NEMA 10-50R RECEPTACLES - EXTEND AND/OR REPAIR ALL BRANCH CIRCUIT CONDUIT AND WIRING TO NEW LOCATION.
10. MEDIA PLAYER - 120V, 0.2KW ASSUMED. MOUNT ADJACENT TO DISPLAY RECEPTACLE.
11. PROVIDE 8-RELAY CONTACTOR FOR SHUNT TRIP KITCHEN EQUIPMENT OPERATION - REFER TO KITCHEN EQUIPMENT WIRING SCHEDULE.



1 E701 ENLARGED SERVERY POWER PLAN

SCALE: 1/2" = 1'-0"

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PROJECT INFORMATION

Project Number: 26162

Client Name: **LAKELAND CC**

Project Name: **BREAKERS RENOVATION**

Project Address: 7700 CLOCKTOWER DRIVE, KIRTLAND, OH 44094

PROJECT ISSUE & REVISION SCHEDULE

#	Date	Description
1	10/19/2026	ADDENDUM 2

PROFESSIONAL STAMPS

STATE OF OHIO — TIMOTHY G. POOL — E-59760 — REGISTERED PROFESSIONAL ENGINEER — 9/28/26

NEW YORK STATE EDUCATION STATEMENT

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SHEET INFORMATION

Issued	Scale
9/28/2026	1/2" = 1'-0"
Project Status: BIDDING/PERMIT	
Drawn By: JDG	Checked By: SJB

Drawing Title: ENLARGED SERVERY POWER PLAN

Drawing Number: E701

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EXISTING CIRCUIT BREAKER PANEL SCHEDULE — Designation: LP-1

Bus Amps: 100 A — **Voltage:** 480Y/277V-3PH-4W — **A.I.C. Rating:** 14,000
Mains Type: 100 A MLO — **Spaces:** 42 — **Mounting:** Surface

CKT	Load Name	CB	Load Class.	A	B	C	A	B	C	Load Class.	CB	Load Name	CKT
1	LTS KITCHEN	20	Lighting	2.2			3.0			Lighting	20	BOOK STORE LTS	2
3	LTS CORRIDOR	20	Lighting		1.6			1.5		Lighting	20	LTS RR & SERVING RM	4
5	SPARE	20	--			0.0			1.2	Lighting	20	LTS DINING AREA	6
7	SPARE	20	--	0.0			1.8			Lighting	20	LTS DINING AREA	8
9	DINING RM COVE LTS	20	Lighting		1.7			1.8		Lighting	20	*LTS SERVERY	10
11	SPARE	20	--			0.0			0.0	--	20	*SPARE	12
13	SPARE	20	--	0.0			0.0			--	20	SPARE	14
15	SPARE	20	--		0.0			--		--	--	SPACE	16
17	SPACE	--	--			--			--	--	--	SPACE	18
19	SPACE	--	--	--			--			--	--	SPACE	20
21	SPACE	--	--		--			--		--	--	SPACE	22
23	SPACE	--	--			--			--	--	--	SPACE	24
25	SPACE	--	--	--			--			--	--	SPACE	26
27	SPACE	--	--		--			--		--	--	SPACE	28
29	SPACE	--	--			--			--	--	--	SPACE	30
31	SPACE	--	--	--			--			--	--	SPACE	32
33	SPACE	--	--		--			--		--	--	SPACE	34
35	SPACE	--	--			--			--	--	--	SPACE	36
37	SPACE	--	--	--			--			--	--	SPACE	38
39	SPACE	--	--		--			--		--	--	SPACE	40
41	SPACE	--	--			--			--	--	--	SPACE	42
			Total Load:	7.0 kW		6.6 kW		1.2 kW					
			Total Amps:	28.3 A		26.8 A		4.3 A					

Load Classification	Connected Load	Demand Factor	Demand Load	Panel Totals	
Lighting	15 kW	100.00%	15 kW	**Total Connected**	14.8 kW
				Load:	17.8 A
				Total Demand Load:	14.8 kW
					17.8 A

Notes:
ALL LOADS ARE EXISTING TO REMAIN U.O.N.
(*) NEW LOAD ON EXISTING CIRCUIT BREAKER MADE SPARE FROM DEMOLITION.

EXISTING CIRCUIT BREAKER PANEL SCHEDULE — Designation: PP-1A

Bus Amps: 225 A — **Voltage:** 208Y/120V-3PH-4W — **A.I.C. Rating:** 10,000
Mains Type: 225 A MLO — **Spaces:** 30 — **Mounting:** Surface

CKT	Load Name	CB	Load Class.	A	B	C	A	B	C	Load Class.	CB	Load Name	CKT
1	OUTLET ABOVE	20	Receptacle	0.2			1.1			Receptacle	20	RECEPT TELE. RM	2
3	DAMPERS MTRS. LOUV.	20	Equipment		0.5			1.0		Lighting	20	TRACK LTS BOOKSTORE	4
5	C.H. MAIN ENT.	20	Equipment			1.0			1.0	Lighting	20	TRK LTS HALL, CFE BRK	6
7	C.H. W. STAIRWAY	20	Equipment	1.0			1.0			Lighting	20	TRACK LTS HALL	8
9	SOUND CABINET RECEPT	20	Receptacle		0.4			1.0		Lighting	20	TRACK LTS DINING RM	10
11	RECEPT DINING RM	20	Receptacle			1.1			1.0	Lighting	20	TRACK LTS DINING RM	12
13	RECEPT DINING RM	20	Receptacle	1.1			0.2			Equipment	20	LTG CONTACTOR	14
15	C.H. 3E. STAIRWAY	20	Equipment		1.0			0.2		Receptacle	20	OUTLET ABOVE	16
17	OUTLET ABOVE	20	Receptacle			0.2			0.2	Receptacle	20	OUTLET ABOVE	18
19	*&SYS FURNITURE L1	20	Equipment	0.8			1.7			Equipment	20	AC BOOKSTORE OFFICES	20
21	*&SYS FURNITURE L1	20	Equipment		1.5			1.7					22
23	*&SYS FURNITURE L1	20	Equipment	2.6		1.2			0.8	Equipment	20	*&SYS FURNITURE L1	24
25	*&SYS FURNITURE L1	20	Equipment	1.5			1.6			Equipment	20	*&SYS FURNITURE L1	26
27	*&SYS FURNITURE L1	20	Equipment		0.8			0.7		Receptacle	20	*&COLUMN USB RECEPT	28
29	*&SYS FURNITURE L1	20	Equipment			0.8			0.7	Receptacle	20	*&COLUMN USB RECEPT	30
			Total Load:	10.1 kW		8.8 kW		8.0 kW					
			Total Amps:	85.1 A		73.9 A		66.3 A					

Load Classification	Connected Load	Demand Factor	Demand Load	Panel Totals	
Equipment	16 kW	50.00%	8 kW	**Total Connected**	26.8 kW
Lighting	5 kW	100.00%	5 kW	**Load:**	74.4 A
Receptacle	6 kW	100.00%	6 kW		
				Total Demand Load:	18.8 kW
					52.2 A

Notes:
ALL LOADS ARE EXISTING TO REMAIN U.O.N.
(*) NEW LOAD
(&) PROVIDE NEW CIRCUIT BREAKER

EXISTING CIRCUIT BREAKER PANEL SCHEDULE — Designation: PP-1

Bus Amps: 225 A — **Voltage:** 208Y/120V-3PH-4W — **A.I.C. Rating:** 10,000
Mains Type: 225 A MLO — **Spaces:** 42 — **Mounting:** Surface

CKT	Load Name	CB	Load Class.	A	B	C	A	B	C	Load Class.	CB	Load Name	CKT
1	RECEPT ATRIUM COL.	20	Receptacle	1.1			1.1			Receptacle	20	RECEPT MGR OFFICE	2
3	RECEPT RRS	20	Receptacle		0.7			1.1		Receptacle	20	RECEPT MGR OFFICE	4
5	KIOSK AND NEAR RECEPT	20	Receptacle			0.5			1.1	Receptacle	20	RECEPT DINING	6
7	VENDING MACHINE REC	20	Equipment	1.0			1.1			Receptacle	20	RECEPT DINING	8
9	VENDING MACHINE REC	20	Equipment		1.0			0.8		Equipment	20	POWER RECEPT OUTSIDE (SOUTH)	10
11	VENDING MACHINE REC	20	Equipment			1.0			0.8				12
13	POWER RECEPT TERRACE	30	Equipment	0.8			0.8			Equipment	20	POWER RECEPT OUTSIDE (SOUTH)	14
15					0.8			0.8					16
17	POWER RECEPT TERRACE	30	Equipment			0.8			0.8	Equipment	20	POWER RECEPT DINING	18
19				0.8			0.8						20
21	POWER RECEPT DINING	30	Equipment		0.8			1.2		Equipment	20	*SYS FURNITURE L2	22
23						0.8			0.5	Equipment	20	*BREAKERS ILLUM. SIGN	24
25	RECEPT KITCHEN OFFICE	20	Receptacle	1.1			1.1			Receptacle	20	EXISTING LOAD	26
27	EXISTING LOAD	20	Receptacle		1.1			1.1		Receptacle	20	EXISTING LOAD	28
29	RECEPT MGR OFFICE	20	Receptacle			1.1			1.1	Receptacle	20	BKSTR SINK GFCI REC	30
31	RECEPT BKSTR OFFICE	20	Receptacle	1.1			1.0			Lighting	20	BKSTR CASE LIGHTS	32
33	REC BKSTR OFF + ATRIUM	20	Receptacle		1.1			1.0		Lighting	20	BKSTR CASE LIGHTS	34
35	RECEPT SERV. RM	20	Receptacle			1.1			1.0	Lighting	20	BKSTR CASE LIGHTS	36
37	*&SYS FURNITURE L2	20	Equipment	1.5			1.0			Equipment	20	KIOSK TV & AIR VOL BOX	38
39	*&SYS FURNITURE L2	20	Equipment		1.5			1.1		Receptacle	20	BKSTR COLUMN REC	40
41	FIRE DOORS BOOKSTORE	20	Equipment			0.2			1.1	Receptacle	20	BKSTR COLUMN REC	42
			Total Load:	14.0 kW		13.8 kW		11.6 kW					
			Total Amps:	119.3 A		118.0 A		97.0 A					

Load Classification	Connected Load	Demand Factor	Demand Load	Panel Totals	
Equipment	18 kW	50.00%	9 kW	**Total Connected**	39.4 kW
Lighting	3 kW	100.00%	3 kW	**Load:**	109.5 A
Receptacle	19 kW	76.97%	14 kW		
				Total Demand Load:	26.2 kW
					72.8 A

Notes:
ALL LOADS ARE EXISTING TO REMAIN U.O.N.
(*) NEW LOAD
(&) PROVIDE NEW CIRCUIT BREAKER

KITCHEN EQUIPMENT WIRING SCHEDULE

DC = DIRECT CONNECTION
GFI = GFCI CIRCUIT INTERRUPTER
DFA = DROP FROM CEILING
SM+FD = COMBINATION STARTER AND FUSED DISCONNECT
FD = FUSED DISCONNECT
NFD = NON-FUSED DISCONNECT
SM = MANUAL MOTOR STARTER
S = SWITCH
JB = JUNCTION BOX

ITEM NO. (X)	DESCRIPTION	HP	KW	MCA	FLA	VOLTS	Φ	CONNECTION BY EC	MOUNTING HEIGHT A.F.F. (INCHES)	PANEL / CKT. NO.	CIRC BKR AMPS	CIRC BKR POLES	WIRING AND CONDUIT	NOTES
1	2-SECTION SANDWHICH PREP TABLE	1/3	0.8	-	6.5	120	1	NEMA 5-20R	24	SP-1 / 1	20	1	2-12 AWG & 1-12 AWG GND - 3/4" C.	
3	DELI REFRIGERATED DISPLAY CASE	1/4	1.5	-	12.0	120	1	NEMA 5-20R	24	SP-1 / 5	20	1	2-12 AWG & 1-12 AWG GND - 3/4" C.	
4	COUNTERTOP NON-REFRIGERATED DISPLAY CASE	-	0.2	-	1.5	120	1	NEMA 5-20R	24	SP-1 / 7	20	1	2-12 AWG & 1-12 AWG GND - 3/4" C.	
5	PANINI PRESS	-	1.8	-	15.0	120	1	NEMA 5-20R	24	SP-1 / 9	20	1	2-12 AWG & 1-12 AWG GND - 3/4" C.	
7	ADJUSTABLE/VERTICAL SNEEZE GUARD	-	0.1	-	1.0	120	1	JB, DC	24	SP-1A / 14	20	1	2-12 AWG & 1-12 AWG GND - 3/4" C.	4
10	2-SECTION SANDWHICH PREP TABLE	1/3	0.7	-	6.0	120	1	NEMA 5-20R	24	SP-1 / 3	20	1	2-12 AWG & 1-12 AWG GND - 3/4" C.	
11.A	DBL CONVEYOR PIZZA OVEN - TOP	-	10.0	-	28.0	208	3	NEMA L21-30R	48	SP-1 / 27,29,31	30	3	3-10 AWG & 1-10 AWG GND - 3/4" C.	
11.B	DBL CONVEYOR PIZZA OVEN - BOT.	-	10.0	-	28.0	208	3	NEMA L21-30R	60	SP-1 / 21,23,25	30	3	3-10 AWG & 1-10 AWG GND - 3/4" C.	
13	1-SECTION REACH-IN REFRIGERATOR	1/4	0.6	-	5.0	120	1	NEMA 5-20R	48	SP-1 / 15	20	1	2-12 AWG & 1-12 AWG GND - 3/4" C.	
14	HEATED SHELF FOOD WARMER	-	0.65	-	5.4	120	1	NEMA 5-20R	24	SP-1 / 11	20	1	2-12 AWG & 1-12 AWG GND - 3/4" C.	
15	HEATED SHELF	-	0.7	-	5.8	120	1	NEMA 5-20R	24	SP-1 / 13	20	1	2-12 AWG & 1-12 AWG GND - 3/4" C.	
15.1	HEAT LAMP	-	0.5	-	4.2	120	1	NEMA 5-20R SEE NOTE	24	SP-1 / 35	20	1	2-12 AWG & 1-12 AWG GND - 3/4" C.	1
16	1-SECTION REACH-IN FREEZER	1/4	0.6	-	5.0	120	1	NEMA 5-20R	48	SP-1 / 33	20	1	2-12 AWG & 1-12 AWG GND - 3/4" C.	
17	27" WORKTOP FREEZER	1/5	0.3	-	2.4	120	1	NEMA 5-20R	24	SP-1 / 37	20	1	2-12 AWG & 1-12 AWG GND - 3/4" C.	
18	DUMP STATION	-	2.9	-	14.0	208	1	NEMA 6-20R	24	SP-1 / 39,41	20	2	2-12 AWG & 1-12 AWG GND - 3/4" C.	
19	RELOCATED HOOD #3	-	-	-	-	-	-	JB, DC	-	-	-	-	-	2
21	REFRIGERATED BASE	1/5	0.4	-	3.0	120	1	NEMA 5-20R	24	SP-1 / 2	20	1	2-12 AWG & 1-12 AWG GND - 3/4" C.	3
23	1-SECTION REACH-IN REFRIGERATOR	1/4	0.6	-	5.0	120	1	NEMA 5-20R	48	SP-1 / 4	20	1	2-12 AWG & 1-12 AWG GND - 3/4" C.	3
24	3-PAN DROP-IN HOT WELL	-	3.1	-	15.0	208	1	JB, DC	24	SP-1 / 17,19	20	2	2-12 AWG & 1-12 AWG GND - 3/4" C.	
29	ADJUSTABLE SNEEZE GUARD	-	0.1	-	1.0	120	1	JB, DC	24	SP-1A / 14	20	1	2-12 AWG & 1-12 AWG GND - 3/4" C.	4
31	U/C REFRIGERATOR	1/5	0.5	-	4.0	120	1	NEMA 5-20R	24	SP-1 / 6	20	1	2-12 AWG & 1-12 AWG GND - 3/4" C.	
32	1-SECTION REACH-IN REFRIGERATOR	1/4	0.6	-	5.0	120	1	NEMA 5-20R	48	SP-1 / 10	20	1	2-12 AWG & 1-12 AWG GND - 3/4" C.	
34	1-SECTION REACH-IN HEATED CAB.	-	1.3	-	6.3	208	1	NEMA 6-20R	48	SP-1 / 12,14	20	2	2-12 AWG & 1-12 AWG GND - 3/4" C.	
35	ADJUSTABLE SNEEZE GUARD	-	0.1	-	1.0	120	1	JB, DC	24	SP-1A / 14	20	1	2-12 AWG & 1-12 AWG GND - 3/4" C.	4
36	3-PAN DROP-IN HOT WELL	-	3.1	-	15.0	208	1	JB, DC	24	SP-1A / 1,3	20	2	2-12 AWG & 1-12 AWG GND - 3/4" C.	
36	3-PAN DROP-IN HOT WELL	-	3.1	-	15.0	208	1	JB, DC	24	SP-1A / 11,13	20	2	2-12 AWG & 1-12 AWG GND - 3/4" C.	
37	11QT DROP-IN SOUP WELL	-	0.25	-	2.1	120	1	NEMA 5-20R SEE NOTE	24	SP-1 / 8	20	1	2-12 AWG & 1-12 AWG GND - 3/4" C.	1
39	ADJUSTABLE SNEEZE GUARD, DOUBLE SIDED	-	0.1	-	1.0	120	1	JB, DC	24	SP-1A / 14	20	1	2-12 AWG & 1-12 AWG GND - 3/4" C.	4
40	5-PAN COLD WELL	1/4	0.4	-	3.1	120	1	NEMA 5-20R SEE NOTE	24	SP-1 / 16	20	1	2-12 AWG & 1-12 AWG GND - 3/4" C.	1
41	39" FROST TOP	1/5	0.5	-	3.7	120	1	NEMA 5-20R	24	SP-1 / 18	20	1	2-12 AWG & 1-12 AWG GND - 3/4" C.	
42	ADJUSTABLE SNEEZE GUARD, DOUBLE SIDED	-	0.1	-	1.0	120	1	JB, DC	24	SP-1A / 14	20	1	2-12 AWG & 1-12 AWG GND - 3/4" C.	4
46	DROP-IN REFRIGERATED DISPLAY CASE	-	1.7	-	14.0	120	1	NEMA 5-20R	24	SP-1 / 20	20	1	2-12 AWG & 1-12 AWG GND - 3/4" C.	
48	ICE CREAM MERCHANDISER	-	0.3	-	2.3	120	1	NEMA 5-20R	24	SP-1 / 22	20	1	2-12 AWG & 1-12 AWG GND - 3/4" C.	
49	FLOOR MODEL SOFT SERVE MACHINE	3	4.0	-	19.0	208	1	NEMA L6-30R	48	SP-1 / 24,26	25	2	2-10 AWG & 1-10 AWG GND - 3/4" C.	
50	3-PAN DROP-IN COLD WELL	1/4	0.4	-	3.1	120	1	NEMA 5-20R	24	SP-1 / 28	20	1	2-12 AWG & 1-12 AWG GND - 3/4" C.	
51	ADJUSTABLE SNEEZE GUARD	-	0.1	-	1.0	120	1	JB, DC	24	SP-1A / 14	20	1	2-12 AWG & 1-12 AWG GND - 3/4" C.	4
55	POS	-	0.6	-	5.0	120	1	NEMA 5-20R	24	SP-1A / 6	20	1	2-12 AWG & 1-12 AWG GND - 3/4" C.	
55	POS	-	0.6	-	5.0	120	1	NEMA 5-20R	24	SP-1A / 8	20	1	2-12 AWG & 1-12 AWG GND - 3/4" C.	
58	REFRIGERATED MERCHANDISER	-	0.8	-	6.6	120	1	NEMA 5-20R	24	SP-1A / 42	20	1	2-12 AWG & 1-12 AWG GND - 3/4" C.	
59	COKE FREESTYLE	-	1.2	-	10.0	120	1	NEMA 5-20R	24	SP-1A / 32	20	1	2-12 AWG & 1-12 AWG GND - 3/4" C.	
60	550 LBS ICE MAKER, CUBE STYLE	-	1.5	-	12.2	120	1	JB, DC	60	SP-1A / 5	20	1	2-12 AWG & 1-12 AWG GND - 3/4" C.	
61	BAG-N-BOX SYSTEM	-	1.2	-	10.0	120	1	NEMA 5-20R	48	SP-1A / 30	20	1	2-12 AWG & 1-12 AWG GND - 3/4" C.	
63	POS	-	0.6	-	5.0	120	1	NEMA 5-20R	48	SP-1A / 28	20	1	2-12 AWG & 1-12 AWG GND - 3/4" C.	
64	COFFEE MACHINE	-	5.0	-	24.0	208	1	NEMA L6-30R	48	SP-1A / 33,35	30	2	2-10 AWG & 1-10 AWG GND - 3/4" C.	
64.1	MILK REFRIGERATOR	-	1.5	-	12.5	120	1	NEMA 5-20R	48	SP-1A / 31	20	1	2-12 AWG & 1-12 AWG GND - 3/4" C.	
65	BEVERAGE DISPENSER	-	0.7	-	6.0	120	1	NEMA 5-20R	48	SP-1A / 29	20	1	2-12 AWG & 1-12 AWG GND - 3/4" C.	
66	MICROWAVE	-	1.8	-	8.7	208	1	NEMA 6-20R	48	SP-1A / 25,27	20	2	2-12 AWG & 1-12 AWG GND - 3/4" C.	
67	DROP-IN REFRIGERATED DISPLAY CASE	-	1.7	-	14.0	120	1	NEMA 5-20R	24	SP-1A / 23	20	1	2-12 AWG & 1-12 AWG GND - 3/4" C.	
68	TOASTER	-	1.5	-	12.5	120	1	NEMA 5-20R	48	SP-1A / 21	20	1	2-12 AWG & 1-12 AWG GND - 3/4" C.	

GENERAL KITCHEN EQUIPMENT SCHEDULE NOTES:

A. REFER TO EQUIPMENT CUT SHEETS FOR EXACT EQUIPMENT ELECTRICAL CONNECTION LOCATIONS.

B. DIRECT CONNECTION "DC" SHALL CONSIST OF A FLEXIBLE CONNECTION FROM JUNCTION BOX TO EQUIPMENT.

C. E.C. TO ENSURE THAT ALL KITCHEN EQUIPMENT IS PROVIDED WITH GFCI PROTECTION.

KITCHEN EQUIPMENT SCHEDULE NOTES:

1. QUANTITY (2). BOTH PIECES OF EQUIPMENT TO BE SERVED FROM (1) DUPLEX RECEPTACLE, SEE PLAN FOR DETAILS.
2. EXISTING HOOD TO BE RELOCATED BY OTHERS, WIRING TO BE EXTENDED BY E.C. AS REQUIRED. REFER TO KITCHEN HOOD WIRING DIAGRAM.
3. WIRE EQUIPMENT THRU SHUNT-TRIP CONTACTOR FOR EMERGENCY SHUT OFF, REFER TO PLANS FOR LOCATION. CONTACTOR TO BE CONTROLLED BY EXISTING HOOD #3 CONTROL PANEL.
4. MULTIPLE SIMILAR PIECES OF EQUIPMENT CONNECTED TO THIS CIRCUIT.

LUMINAIRE SCHEDULE

TYPE	LUMINAIRE WATTS	LUMINAIRE VOLTS	LAMP TYPE	DESCRIPTION	MOUNTING	MANUFACTURER	CATALOG NUMBER	REMARKS
A	11	277	3500K LED 1000 LUMENS	4" ROUND DOWNLIGHT WITH WIDE DISTRIBUTION, CLEAR SEMI-SPECULAR TRIM, AND 0-10V 1% DIMMING.	RECESSED	PORTFOLIO OR EQUALS BY OTHERS	LD4C109035D010W0H	
A2	17	277	3500K LED 1500 LUMENS	SAME FIXTURE AS A BUT WITH HIGHER LUMEN PACKAGE.	RECESSED	PORTFOILO OR EQUALS BY OTHERS	LD4C159035D010W0H	
B	24	277	3500K LED 1450 LUMENS	16" DECORATIVE GLOBE PENDANT WITH ALUMINUM HOUSING, 0-10V 1% DIMMING, AND BLACK FINISH.	PENDANT	SPI LIGHTING OR EQUALS BY OTHERS	AIP12380 16IN-L24W-PT11 120-277V 3500K DF_90+HE CAS	1
C	46	277	3500K LED 290 LUMENS/FT	15' 2" RECESSED LED LINEAR WITH FLUSH WHITE HOUSING, MUD-IN FLANGE, 0-10V 1% DIMMING, AND...	RECESSED	NEORAY OR EQUALS BY OTHERS	S122DR-S290D835-FSR15F2-1-UDD-F-W	
C2	169	277	3500K LED 485 LUMENS/FT	35'2" RECESSED LED LINEAR WITH WHITE HOUSING, MUD-IN FLANGE, 0-10V 1% DIMMING, AND FROSTED LENS.	RECESSED	NEORAY OR EQUALS BY OTHERS	S122DR-S485D835-FSR35F2-1-UDD-F-W	
F	62	277	3500K LED 5500 LUMENS	6" ROUND DOWNLIGHT WITH WIDE DISTRIBUTION, 0-10V DIMMING, AND WHITE SEMI-SPECULAR FINISH.	RECESSED	PORTFOLIO OR EQUALS BY OTHERS	LD6C559035D010W0H	
G	6.2/FT	277	3500K LED 370 LUMESN/FT	LED COVE WITH EXTRUDED ALUMINUM HOUSING, ADJUSTABLE ANGLE, CCT, AND LUMEN OUTPUT SET TO LOW.	COVE	iO LIGHTING OR EQUALS BY OTHERS	CS-SL-9SCT-120-ID-UNV-W-SA-STD-XXX	2
H	33	277	3500K LED 3000 LUMENS	4" ROUND RETROFIT DOWNLIGHT WITH WIDE DISTRIBUTION, 0-10V DIMMING, AND WHITE SEMI-SPECULAR TRIM	RECESSED	PORTFOLIO OR EQUALS BY OTHERS	LDRT4C309035D010W0H	
T	27	120	3500K LED 1000 LUMENS	LED TRACK FIXTURE WITH (3) 2" LED HEADS WITH PHASE CUT TE DIMMING AND WHTIE FINISH.	TRACK	HALO OR EQUALS BY OTHERS	L820S10MF935WHTEWHSHBWHTE	
EM	10	277	LED	EMERGENCY BATTERY PACK WITH WHITE THERMOPLASTIC HOUSING, LITHIUM-ION BATTERY, AND TWO LED HEADS.	SUIRFACE	SURE-LITES OR EQUALS BY OTHERS	SEL30SD	3
X	5	277	LED	EXIT SIGN WITH WHITE THERMOPLASTIC HOUSING AND NICKEL CADMIUM BATTERY.	SURFACE	SURE-LITES OR EQUALS BY OTHERS	LPX7SD	3

LUMINAIRE SCHEDULE NOTES:

1. COORDINATE PENDANT MOUNTING HEIGHT WITH ARCHITECTURAL ELEVATIONS. PROVIDE ALL ACCESSORIES REQUIRED FOR A COMPLETE INSTALLATION.
2. USE 1', 4', OR CORNER FIXTURES AS REQUIRED BY LAYOUT. REFER TO PLANS FOR COVE LAYOUT.
3. WIRE AHEAD OF ALL LIGHTING CONTROLS.
4. ALL FINISHES TO BE CONFIRMED WITH ARCHITECT PRIOR TO PROCUREMENT.

EXISTING CIRCUIT BREAKER PANEL SCHEDULE — Designation: SP-1

Bus Amps: 225 A — **Voltage:** 208Y/120V-3PH-4W — **A.I.C. Rating:** 10,000
Mains Type: 225 A MLO — **Spaces:** 42 — **Mounting:** Recessed

CKT	Load Name	CB	Load Class.	A	B	C	A	B	C	Load Class.	CB	Load Name	CKT
1	*SANDWHICH PREP TABLE	20	K.E.	0.8			0.4			K.E.	20	*%REF. BASE	2
3	*SANDWHICH PREP TABLE	20	K.E.		0.7			0.6		K.E.	20	*%REACH-IN REF	4
5	*DELI REF. DISPLAY CASE	20	K.E.			1.5			0.5	K.E.	20	*UNDERCOUNTER REF.	6
7	*NON-REF. DISPLAY CASE	20	K.E.	0.2			0.5			K.E.	20	*DROP-IN SOUP WELL	8
9	*PANINI PRESS	20	K.E.		1.8			0.6		K.E.	20	*REACH-IN REF.	10
11	*HEATED SHELF	20	K.E.			0.7			0.7	K.E.	20	*REACH-IN HEATED CABINET	12
13	*HEATED SHELF	20	K.E.	0.7			0.7						14
15	*REACH-IN REF.	20	K.E.		0.6			0.8		K.E.	20	*DROP-IN COLD WELLS	16
17	*3-PAN DROP-IN HOT WELL	20	K.E.			1.6			0.5	K.E.	20	*FROST TOP	18
19				1.6			1.7			K.E.	20	*DROP-IN REF. DISPLAY	20
21	*ELECTRIC PIZZA OVEN, BOTTOM DECK	30	K.E.		3.3			0.3		K.E.	20	*ICE CREAM MERCH.	22
23				3.3			3.3						24
25					3.3			2.0		K.E.	25	*SOFT SERVE MACHINE	26
27	*ELECTRIC PIZZA OVEN, TOP DECK	30	K.E.		3.3			0.4		K.E.	20	*DROP-IN COLD WELL	28
29				3.3			3.3			Receptacle	20	*SVRY MENU DISPLAYS	30
31					3.3			0.0		--	30	*SPARE	32
33	*REACH-IN REF.	20	K.E.		0.6			0.0					34
35	*HEAT LAMPS	20	K.E.			1.0			0.0	--	20	*SPARE	36
37	*WORKTOP FREEZER	20	K.E.	0.3			0.0						38
39	*DUMP STATION	20	K.E.		1.5			0.0					40
41						1.5			0.1	Lighting	20	*SERVERY TRACK LTS	42
			Total Load:	15.5 kW		14.5 kW		17.4 kW					
			Total Amps:	130.1 A		121.0 A		145.9 A					

Load Classification	Connected Load	Demand Factor	Demand Load	Panel Totals	
Kitchen Equipment (K.E.)	46 kW	65.00%	30 kW	**Total Connected**	47.4 kW
Lighting	0 kW	100.00%	0 kW	**Load:**	131.4 A
Receptacle	1 kW	100.00%	1 kW		
				Total Demand Load:	31.1 kW
					86.3 A

Notes:
ALL EXISTING CIRCUITS MADE SPARE FROM DEMOLITION.
(*) EXISTING CIRCUIT BREAKER.
(**) PROVIDE GFCI RATED CIRCUIT BREAKER.
(%) WIRE EQUIPMENT THRU SHUNT TRIP CONTACTOR FOR EMERGENCY SHUT OFF.

EXISTING CIRCUIT BREAKER PANEL SCHEDULE — Designation: SP-1A

Bus Amps: 225 A — **Voltage:** 208Y/120V-3PH-4W — **A.I.C. Rating:** 10,000
Mains Type: 225 A MLO — **Spaces:** 42 — **Mounting:** Recessed

CKT	Load Name	CB	Load Class.	A	B	C	A	B	C	Load Class.	CB	Load Name	CKT
1	3-PAN DROP-IN HOT WELL	20	K.E.		1.6			1.1		Receptacle	20	*DINING RM RECEPT	2
3						1.6			0.7	Receptacle	20	SERVERY RECEPT.	4
5	ICE MAKER	20	K.E.			1.5			0.6	K.E.	20	*SERVERY POS	6
7	ENTRY DISPS. & RECEPT.	20	Receptacle	1.0			0.6			K.E.	20	*SERVERY POS	8
9	*120V FOR CAMERAS	20	Equipment		0.5			0.9		Receptacle	20	SVRY & KTCHN RECEPT.	10
11						1.6			0.7	Receptacle	20	SERVERY RECEPT.	12
13	3-PAN DROP-IN HOT WELL	20	K.E.		1.6			0.6		K.E.	20	SNEEZE GUARDS	14
15						0.0			0.2	Receptacle	20	SERVERY DED. RECEPT.	16
17

PLUMBING SPECIFICATIONS

SECTION 21 05 00 - COMMON WORK RESULTS FOR FIRE SUPPRESSION

PART 1 GENERAL

1.1 SYSTEM DESCRIPTION

A. EXISTING WET PIPE SYSTEM SHALL BE REWORKED AS NECESSARY TO PROVIDE COVERAGE FOR THE ENTIRE SCOPE AREA.

B. EXISTING SPRINKLER HEADS SHALL BE RELOCATED TO ACCOMMODATE LIGHTING PLAN.

C. EXISTING KITCHEN HOOD ANSUL SYSTEMS FOR ALL THREE (3) KITCHEN HOODS SHALL BE INSPECTED AND TESTED. DEFICIENCIES SHALL BE CORRECTED AS PART OF THE SCOPE OF THIS PROJECT.

D. DESIGN REQUIREMENTS - SPRINKLER SYSTEM:
1. LIGHT HAZARD - DINING AREA
2. ORDINARY HAZARD GROUP 1 - KITCHEN, SERVERY.

1.2 SUBMITTALS

A. SUBMIT SHOP DRAWINGS, PRODUCT DATA, AND HYDRAULIC CALCULATIONS TO AUTHORITY HAVING JURISDICTION FOR APPROVAL. SUBMIT PROOF OF APPROVAL TO ARCHITECT.

B. SHOP DRAWINGS: REQUIRED. INDICATE HYDRAULIC CALCULATIONS, DETAILED PIPE LAYOUT, HANGERS AND SUPPORTS, SPRINKLERS, COMPONENTS AND ACCESSORIES. INDICATE SYSTEM CONTROLS.

C. PRODUCT DATA: REQUIRED. PROVIDE DATA ON SPRINKLERS, VALVES, AND SPECIALTIES, INCLUDING MANUFACTURER'S CATALOG INFORMATION. SUBMIT PERFORMANCE RATINGS, ROUGH-IN DETAILS, WEIGHTS, SUPPORT REQUIREMENTS, AND PIPING CONNECTIONS.

D. PROJECT RECORD DOCUMENTS: REQUIRED.

1.3 QUALITY ASSURANCE

A. SPRINKLER SYSTEMS: CONFORM TO NFPA 13.

B. KITCHEN HOOD SUPPRESSION SYSTEMS: CONFORM TO NFPA 96

PART 2 PRODUCTS

2.1 PIPE AND TUBE

A. STEEL: SCHEDULE 40 BLACK, WITH STEEL, CAST IRON, OR MALLEABLE IRON FITTINGS, OR MECHANICAL GROOVED COUPLINGS. SCHEDULE 10 PIPE IS NOT ACCEPTABLE.

B. COPPER: TYPE M OR L HARD DRAWN, WITH SOLDER OR BRAZED JOINTS.

C. FLEXIBLE SPRINKLER DROPS THAT ARE LISTED ARE ACCEPTABLE FOR PIPING FROM BRANCH TO SPRINKLER HEAD.

2.2 SPRINKLERS

A. SUSPENDED CEILING TYPE: MATCH EXISTING PENDANT TYPE AND FINISHES.

2.3 FIRESTOPPING

A. MANUFACTURERS:
1. DOW CORNING CORP.
2. FIRE TRAK CORP.
3. HILTI CORP.
4. INTERNATIONAL PROTECTIVE COATING CORP.
5. 3M FIRE PROTECTION PRODUCTS.
6. SPECIFIED TECHNOLOGY, INC.
7. TREMCO, INC.

B. MATERIALS CONFORMING TO FLAME (F) AND TEMPERATURE (T) RATINGS REQUIRED BY LOCAL BUILDING CODE AND AS TESTED BY NATIONALLY ACCEPTED TEST AGENCIES ACCORDING TO ASTM E814 OR UL 1479 FIRE TESTS IN CONFIGURATION THAT IS REPRESENTATIVE OF FIELD CONDITIONS. DEGREE RATING MUST BE MINIMUM OF ONE (1) HOUR BUT NOT LESS THAN FIRE RESISTANCE OF ASSEMBLY BEING PENETRATED.

C. DO NOT USE FIRESTOP MATERIALS WHICH DISSOLVE IN WATER AFTER CURING.

D. DO NOT USE FIRESTOP MATERIALS WHOSE SHELF LIFE HAS EXPIRED.

PART 3 EXECUTION

3.1 INSTALLATION - FIRESTOPPING

A. INSTALL FIRESTOPPING AT THE FOLLOWING PENETRATIONS:
1. WHERE PENETRATIONS INCLUDING PIPING WHICH PASS THROUGH ONE OR BOTH OUTER SURFACES OF FIRE-RATED FLOOR OR WALL.
2. WHERE PENETRATION OCCURS THROUGH STRUCTURAL FLOOR OR ROOF AND SPACE WOULD OTHERWISE REMAIN OPEN BETWEEN SURFACES OF PENETRATION AND EDGE OF ADJOINING STRUCTURAL FLOOR OR ROOF.
3. WHERE PENETRATION OCCURS THROUGH FIRE-RATED WALLS OR PARTITIONS OF HOLLOW-TYPE CONSTRUCTION, PROVIDE FIRESTOPPING TO COMPLETELY FILL SPACES AROUND PENETRATION, ON EACH SIDE OF WALL OR PARTITION.
4. AT SLEEVED PENETRATIONS, FIRESTOP ANNULAR SPACE, BETWEEN SLEEVE AND WALL OPENINGS.

SECTION 22 05 00 - COMMON WORK RESULTS FOR PLUMBING

PART 1 GENERAL

1.1 SUBMITTALS

A. PRODUCT DATA: SUBMIT VALVES AND GAGES.

1.2 LEAD CONTENT OF DRINKING WATER PIPE AND FITTINGS:

A. PIPE, PIPE FITTINGS, JOINTS, VALVES FAUCETS AND FIXTURE FITTINGS UTILIZED TO SUPPLY WATER FOR DRINKING OR COOKING PURPOSES WILL COMPLY WITH THE REQUIREMENTS OF NSF 372 AND SHALL HAVE A WEIGHTED LEAD CONTENT OF 0.25 PERCENT LEAD OR LESS.

PART 2 PRODUCTS

2.1 PIPING

A. SANITARY SEWER: REFER TO FLOOR PLAN FOR LOCATIONS OF PIPES.
1. COATED IRON: SERVICE WEIGHT CAST IRON PIPE WITH HIGH-PERFORMANCE EPOXY COATING, NSF LISTED, USA MADE. CHARLOTTE EDGE HP IRON.
2. PVC: DWV TYPE SCHEDULE 40 PVC PIPE BY CHARLOTTE PIPE OR SIMILAR.

B. PLUMBING VENT: DWV TYPE SCHEDULE 40 PVC PIPE.

C. DOMESTIC WATER ABOVE GRADE: TYPE L COPPER TUBE, HARD DRAWN, SOLDERED JOINTS WITH 95-5 SOLDER, OR COPPER PRESS FITTINGS CONFORMING TO ASME B16.18 CAST COPPER ALLOY OR ASME B16.22, WROUGHT COPPER AND BRONZE WITH EPDM O-RING SEALS. COMPRESSION TYPE JOINTS MADE WITH MANUFACTURER'S TOOL.

D. FILTERED WATER: CROSS-LINKED POLYETHYLENE (PEX-B) TUBE, SILANE OR MOISTURE CURE MANUFACTURING PROCESS, ASTM F876, AND ASTM F2023, RATED FOR 100 PSI AT 180 DEGREES F., MAXIMUM EXPOSURE OF SIX MONTHS, RATED FOR END USE CONDITION OF 100 PERCENT AT 140 DEGREES F., AND APPROVED FOR CONTINUOUS DOMESTIC HOT WATER CIRCULATION SYSTEMS USE, JOINTS POLYMER BODY WITH COMPRESSION TYPE FITTINGS MADE WITH MANUFACTURERS TOOL.

E. NATURAL GAS ABOVE GRADE: SCHEDULE 40 BLACK STEEL, THREADED JOINTS.

2.2 VALVES

A. BALL VALVES
1. DOMESTIC WATER: 150 SWP, 600 WOG, TWO PIECE BODY, THREADED ENDS, ALL BRONZE CONSTRUCTION, TEFLON SEATS, CHROME PLATED SOLID BRONZE BALL, CONVENTIONAL PORT, BLOWOUT PROOF STEM, LEVER HANDLE.

B. GAS VALVES
1. UP TO 2 INCHES: BRONZE BODY, FULL PORT PLUG VALVE; OR BALL VALVE UL LISTED FOR GAS SERVICE; OR BUTTERFLY VALVE UL LISTED FOR GAS SERVICE.

C. SPRING LOADED CHECK VALVES: IRON BODY, BRONZE TRIM, STAINLESS STEEL SPRING, RENEWABLE COMPOSITION DISC.

2.3 PIPE HANGERS

A. ALL SERVICES: CLEVIS TYPE CONFORMING TO MSS TYPE 1.

B. UPPER ATTACHMENTS: COMPATIBLE WITH TYPE OF STRUCTURE BEING USED. AT STEEL JOIST LOCATIONS ATTACH HANGERS TO TOP CHORD OF JOISTS.

2.4 PLUMBING IDENTIFICATION

A. PIPING IDENTIFICATION: SNAP ON PLASTIC MARKERS WITH SYSTEM NAME AND FLOW DIRECTION.

PART 3 EXECUTION

3.1 INSTALLATION

A. PROVIDE DIELECTRIC CONNECTIONS WHEREVER JOINTING DISSIMILAR METALS.

B. REAM PIPE AND TUBE ENDS. REMOVE BURRS. BEVEL PLAIN END FERROUS PIPE.

C. INSTALL BALL VALVES FOR SHUT OFF APPLICATIONS (2 INCH AND SMALLER) IN DOMESTIC WATER SYSTEMS.

D. INSTALL PLUG VALVES FOR SHUT OFF APPLICATIONS IN NATURAL GAS PIPING SYSTEMS.

E. CLEAN AND TEST DOMESTIC WATER PIPING SYSTEM IN ACCORDANCE WITH OBC.

F. TEST SANITARY AND VENT PIPING IN ACCORDANCE WITH OBC.

G. TEST NATURAL GAS PIPING IN ACCORDANCE WITH IFGC.

SECTION 22 07 00 - PLUMBING INSULATION

PART 1 GENERAL

1.1 SUBMITTALS

A. PRODUCT DATA: REQUIRED.

B. SAMPLES: NOT REQUIRED.

PART 2 PRODUCTS

2.1 PIPE INSULATION

A. GLASS FIBER: RIGID MOLDED, NONCOMBUSTIBLE WITH VAPOR BARRIER JACKET.

B. CELLULAR FOAM: FLEXIBLE, CELLULAR ELASTOMERIC, MOLDED OR SHEET.

C. PIPE INSULATION RATED FOR 0-1000 DEGREES F. WITH A "K" FACTOR OF 0.24 AT A MEAN TEMPERATURE OF 100 DEGREES F. REFER TO SCHEDULE FOR INSULATION REQUIRED THICKNESS.

D. INSULATION SHALL NOT CONTAIN ANY PBDE (POLYBROMINATED DIPHENYL ETHERS) FLAME RETARDANTS.

E. INSULATION WITHIN A RETURN PLENUM SHALL HAVE A FLAME SPREAD INDEX (FSI) OF 25 OR LESS AND A SMOKE DEVELOPED INDEX (SDI) OF 50 OR LESS.

F. JACKETS
1. PVC PLASTIC: ONE PIECE MOLDED TYPE FITTING COVERS AND SHEET MATERIAL, OFF-WHITE COLOR.
2. ALUMINUM JACKET: SHEET, SMOOTH FINISH.

PART 3 EXECUTION

3.1 INSTALLATION

A. PIPING INSULATION
1. PROVIDE COLD PIPES WITH VAPOR BARRIER JACKETS.
2. INSULATE COMPLETE SYSTEM.

3.2 SCHEDULES

	PIPE SIZE	INSULATION THICKNESS
A. PIPING INSULATION		INCH
1. DOMESTIC HOT WATER SUPPLY	ALL SIZES	1.0
2. DOMESTIC COLD WATER	ALL SIZES	0.5

SECTION 22 30 00 - PLUMBING EQUIPMENT

PART 1 GENERAL

1.1 SUBMITTALS

A. PRODUCT DATA: REQUIRED.

PART 2 PRODUCTS

2.1 PLUMBING SUPPLY AND DRAINAGE SPECIALTIES

A. SEE PLUMBING EQUIPMENT SCHEDULE FOR INFORMATION.

PART 3 EXECUTION

3.1 INSTALLATION

A. INSTALL WATER HAMMER ARRESTORS COMPLETE WITH ACCESSIBLE ISOLATION VALVE ON ALL FLUSH-VALVE BRANCH WATER PIPING BEFORE LAST FIXTURE TAKE-OFF AND AS RECOMMENDED BY MANUFACTURER.

B. INSTALL UNIONS DOWNSTREAM OF VALVES AND AT EQUIPMENT OR APPARATUS CONNECTIONS.

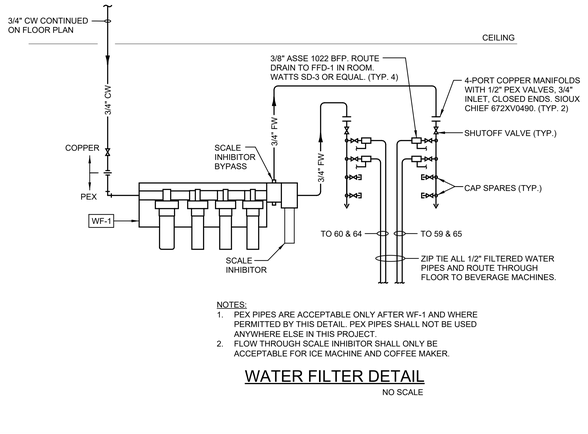
PLUMBING EQUIPMENT SCHEDULE

MARK	FIXTURE	WASTE	VENT	HW	CW	MANUFACTURER, MODEL NUMBER, AND DESCRIPTION
FD-1	FLOOR DRAIN	3"	-	-	-	FLOOR DRAIN, PVC ADJUSTABLE ROUND NICKEL BRONZE. SIOUX CHIEF 832-36PNR WITH 6 INCH NB TOP OR APPROVED EQUAL. PROVIDE SURESEAL SS3000V TRAP SEALER AT EACH INSTANCE OF FD-1.
FFD-1	FUNNEL FLOOR DRAIN	3"	-	-	-	SAME AS FD-1 WITH SCREW ON FUNNEL ATTACHMENT. SIOUX CHIEF 863 OR EQUAL.
FS-1	FLOOR SINK	3"	-	-	-	FLOOR SINK, CAST IRON BODY WITH ENAMEL COATING, 1/2 LIGHT DUTY GRATE, ANTI-SPLASH STRAINER, 12"W x 12"L x 6"D. ZURN Z1900 OR EQUAL WITH APPROVAL FROM ENGINEER.
WF-1	WATER FILTER	-	-	-	3/4"	HIGH FLOW COMMERCIAL WATER FILTER WITH PRE-FILTER AND 3 FILTER CANISTERS, SCALE INHIBITOR, INTEGRAL SCALE INHIBITOR BYPASS, INTEGRAL PRESSURE GAUGES BEFORE AND AFTER FILTERS, 27,000 GALLON CAPACITY, 5 GPM. EVERPURE EV9328-06 OR EQUAL.
POINT OF USE THERMOSTATIC MIXING VALVE		-	-	3/8"	3/8"	WATER TEMPERATURE REGULATING VALVE, LEAD FREE BRONZE BODY, THREADED CONNECTIONS. LOW TEMPERATURE, DUAL ACTION, INTERCHANGEABLE THERMOSTAT, INTEGRAL FILTER WASHERS AND CHECK VALVES. ASSE 1070 LISTED. ADJUSTABLE FROM 80 DEGREES F TO 120 DEGREES F WITH LOCKING FEATURE. SET OUTLET TEMPERATURE AT 110 DEGREES F. MAXIMUM PRESSURE 150 PSI. WATTS SERIES LFUSG-B OR AS APPROVED. PROVIDE AT ALL NEW HANDWASHING FIXTURES.

KITCHEN EQUIPMENT PLUMBING ROUGH-IN SCHEDULE

ITEM NO.	QTY.	DESCRIPTION	HW SIZE	CW SIZE	FW SIZE	DIRECT WASTE	INDIRECT WASTE	GAS SIZE	GAS MBTU	REMARKS
2.1	1	DROP-IN HAND SINK	1/2"	1/2"		1-1/2"				
20	3	50 LB GAS FRYER						3/4"	122.0	
22	1	36" COUNTERTOP GAS GRIDDLE						3/4"	90.0	
24	1	3-WELL HOT DROP-IN					1/2"			
33.1	1	DROP-IN HAND SINK	1/2"	1/2"		1-1/2"				
36	2	3-WELL HOT DROP-IN					1/2"			
40	2	5-WELL COLD DROP-IN					1"			
50	1	3-WELL COLD DROP-IN					1"			
59	1	BEVERAGE DISPENSER (TBD)			1/2"		1"			VERIFY CONNECTION SIZES
60	1	ICE MAKER, CUBE-STYLE			1/2"		3/4"			FW FROM ITEM #60.1
62.1	1	DROP-IN DUMP SINK	1/2"	1/2"		1-1/2"				
62.2	1	DROP-IN HAND SINK	1/2"	1/2"		1-1/2"				
64	1	COFFEE MACHINE			3/8"		3/4"			FW FROM ITEM #60.1
65	1	JUICE DISPENSER			3/8"		1"			VERIFY CONNECTION SIZES & FINAL LOCATION

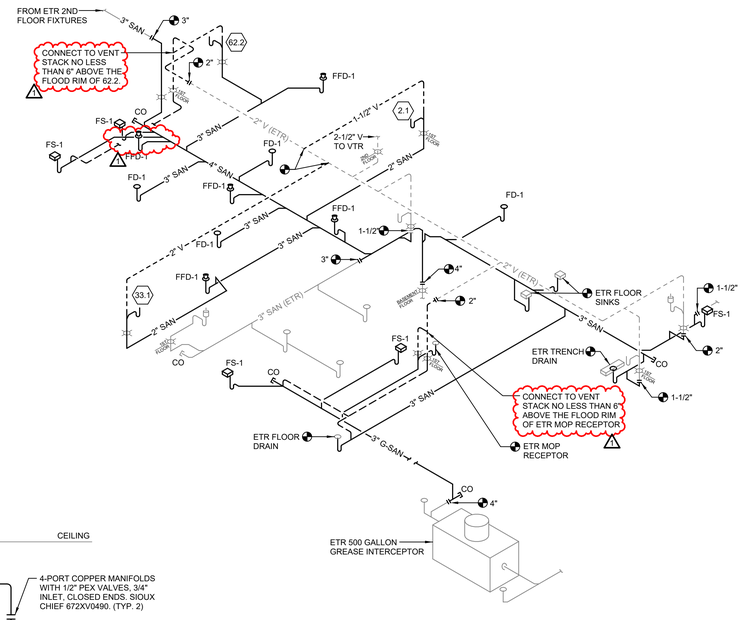
NOTE: KITCHEN EQUIPMENT SHALL BE PROVIDED BY OTHERS AND INSTALLED BY PLUMBING CONTRACTOR.



NOTES:
1. PEX PIPES ARE ACCEPTABLE ONLY AFTER WF-1 AND WHERE PERMITTED BY THIS DETAIL. PEX PIPES SHALL NOT BE USED ANYWHERE ELSE IN THIS PROJECT.
2. FLOW THROUGH SCALE INHIBITOR SHALL ONLY BE ACCEPTABLE FOR ICE MACHINE AND COFFEE MAKER.

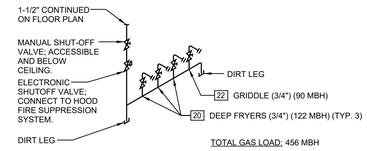
WATER FILTER DETAIL

NO SCALE



SANITARY ISOMETRIC DIAGRAM

NO SCALE



TOTAL GAS LOAD: 456 MBH

GAS MANIFOLD DIAGRAM

NO SCALE

PLUMBING SYMBOLS

- PIPE ELBOW, DOWN
- PIPE ELBOW, UP
- PIPE TEE, DOWN
- FLOW DIRECTION
- CHECK VALVE
- SHUTOFF VALVE
- SAN — SANITARY WASTE (BELOW FLOOR)
- V — VENT PIPING
- CW — DOMESTIC COLD WATER
- HW — DOMESTIC HOT WATER
- CONNECT TO EXISTING
- FW — FILTERED WATER

PLUMBING ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
ARCH	ARCHITECT
BFF	BELOW FINISHED FLOOR
BTU	BRITISH THERMAL UNITS
CFH	CUBIC FEET PER HOUR
CLG	CEILING
CTE	CONNECT TO EXISTING
CW	DOMESTIC COLD WATER
deg. F	DEGREES FAHRENHEIT
DF	DRINKING FOUNTAIN
DS	DOWNSPOUT
ETR	EXISTING TO REMAIN
EWC	ELECTRIC WATER COOLER
EWH	ELECTRIC WATER HEATER
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FS	FLOOR SINK
ft. hd	FEET OF HEAD
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
HW	DOMESTIC HOT WATER
in. w.c.	INCHES WATER COLUMN
KW	KILOWATT
L	LAVATORY
MBH	THOUSAND BRITISH THERMAL UNIT (BTU)
MR	MOP RECEPTOR
P	PUMP
P.C.	PLUMBING CONTRACTOR
PSI	POUNDS PER SQUARE INCH
PVC	POLYVINYL CHLORIDE PLASTIC
RD	ROOF DRAIN
S	SINK
TYP	TYPICAL
UR	URINAL
V	VOLTS
VTR	VENT THROUGH ROOF
WC	WATER CLOSET
WCO	WALL CLEANOUT

PLUMBING GENERAL NOTES

1. CONDUCT FIELD SURVEY OF EXISTING CONDITIONS PRIOR TO SUBMISSION OF BID AND START OF WORK. NO ADDITIONAL PAYMENTS WILL BE MADE ON CLAIMS THAT ARISE FROM LACK OF KNOWLEDGE OF EXISTING CONDITIONS.
2. COORDINATE SCHEDULE OF WORK REQUIRED IN OCCUPIED AND OPERATING AREAS WITH OWNER PRIOR TO STARTING SUCH WORK.
3. SCHEDULE UTILITY SERVICE SHUTDOWNS REQUIRED FOR NEW CONSTRUCTION WITH OWNER AND GENERAL TRADES PRIOR TO SHUTTING DOWN SYSTEMS. GIVE ONE WEEK ADVANCE NOTICE IN WRITING.
4. CUT FLOOR, WALL, AND CEILING CONSTRUCTION FOR PENETRATIONS TO ACCOMMODATE NEW WORK. COORDINATE WITH GENERAL TRADES. PATCH CONSTRUCTION TO MATCH, OR TO SATISFACTION OF ARCHITECT AND OWNER.
5. COORDINATE ROUTING OF NEW PIPING WITH EXISTING BUILDING CONDITIONS AND WITH WORK OF OTHER TRADES. PROVIDE CHANGES IN LOCATION, DIRECTION, OFFSETS, AS MAY BE REQUIRED, WHETHER SPECIFICALLY INDICATED OR NOT, AND AT NO ADDITIONAL COST TO THE OWNER.

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cleveland | columbus | pittsburgh

PROJECT INFORMATION

Project Number
26162

Client Name
LAKELAND CC

Project Name
BREAKERS RENOVATION

Project Address
7700 CLOCKTOWER DRIVE, KIRTLAND, OH 44094

PROJECT ISSUE & REVISION SCHEDULE

#	Date	Description
1	10/19/2026	ADDENDUM 2

PROFESSIONAL STAMPS

STATE OF OHIO · MICHAEL J. FERRANTE · PE 87803 · REGISTERED PROFESSIONAL ENGINEER · 9/28/26

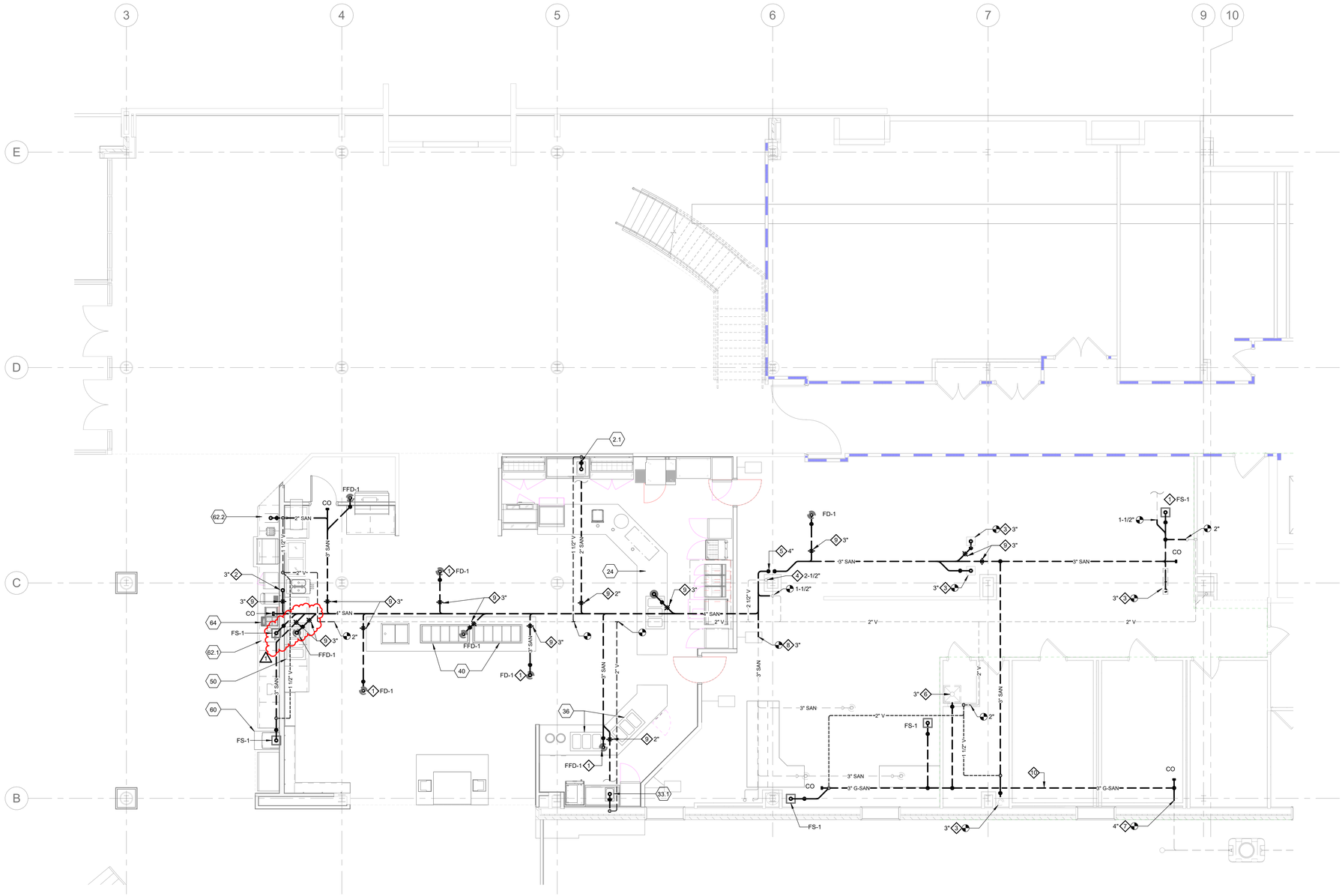
NEW YORK STATE EDUCATION STATEMENT

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM BEING ALTERED, AND THE ALTERATION, ALTERED SET FOLLOWING BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

SHEET INFORMATION

Issued: 9/28/2026
Scale:
Project Status: BIDDING/PERMIT
Drawn By: BJW
Checked By: MJF
Drawing Title: PLUMBING SCHEDULES, DETAILS, SYMBOLS, & NOTES
Drawing Number: P001

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PLAN NOTES

1. INSTALL NEW DRAIN FIXTURE AS SPECIFIED IN EXISTING PENETRATION THROUGH FLOOR.
2. ROUTE 3" SANITARY SERVING FIXTURES ABOVE THROUGH WALL TO BASEMENT CEILING AND CONNECT AS SHOWN. CONNECT TO EXISTING PIPE ABOVE FIRST FLOOR CEILING.
3. CONNECT TO EXISTING DRAIN FIXTURE WITH 3" SANITARY PIPE AS SHOWN.
4. EXISTING 2-1/2" VENT UP TO EXISTING VTR.
5. CONNECT NEW 4" SANITARY TO EXISTING SANITARY NEAR BASEMENT FLOOR. SEE ISOMETRIC DIAGRAM.
6. CONNECT NEW 3" SANITARY PIPE WITH NEW TRAP AND NEW VENT TO EXISTING MOP SINK.
7. CONNECT TO EXISTING 4" GREASE SANITARY PIPE.
8. CONNECT NEW COATED IRON DWV PIPE TO EXISTING 3" COPPER DWV PIPE. DO NOT ALLOW IRON PIPE TO HAVE DIRECT CONTACT WITH COPPER PIPE.
9. DWV PIPE DOWNSTREAM OF POINT INDICATED SHALL BE COATED IRON. DWV PIPE UPSTREAM MAY BE PVC. REFER TO SPECIFICATIONS FOR PIPE INFORMATION.
10. ALL NEW G-SAN PIPE SHALL BE COATED CAST IRON TYPE. DO NOT USE PVC.

1 / P201 LEVEL 1 WASTE PLUMBING PLAN
SCALE: 3/16" = 1'-0"

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cleveland | columbus | pittsburgh

PROJECT INFORMATION

Project Number
26162

Client Name
LAKELAND CC

Project Name
BREAKERS RENOVATION

Project Address
7700 CLOCKTOWER DRIVE, KIRTLAND, OH 44094

PROJECT ISSUE & REVISION SCHEDULE

#	Date	Description
1	10/19/2026	ADDENDUM 2

PROFESSIONAL STAMPS

STATE OF OHIO
MICHAEL J. FERRANTE
PE 87893
REGISTERED PROFESSIONAL ENGINEER
9/28/26

NEW YORK STATE EDUCATION STATEMENT

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LICENSED ARCHITECT, TO ALTER ANY ITEM ON THIS PLAN BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

SHEET INFORMATION

Issued	Scale
9/28/2026	3/16" = 1'-0"

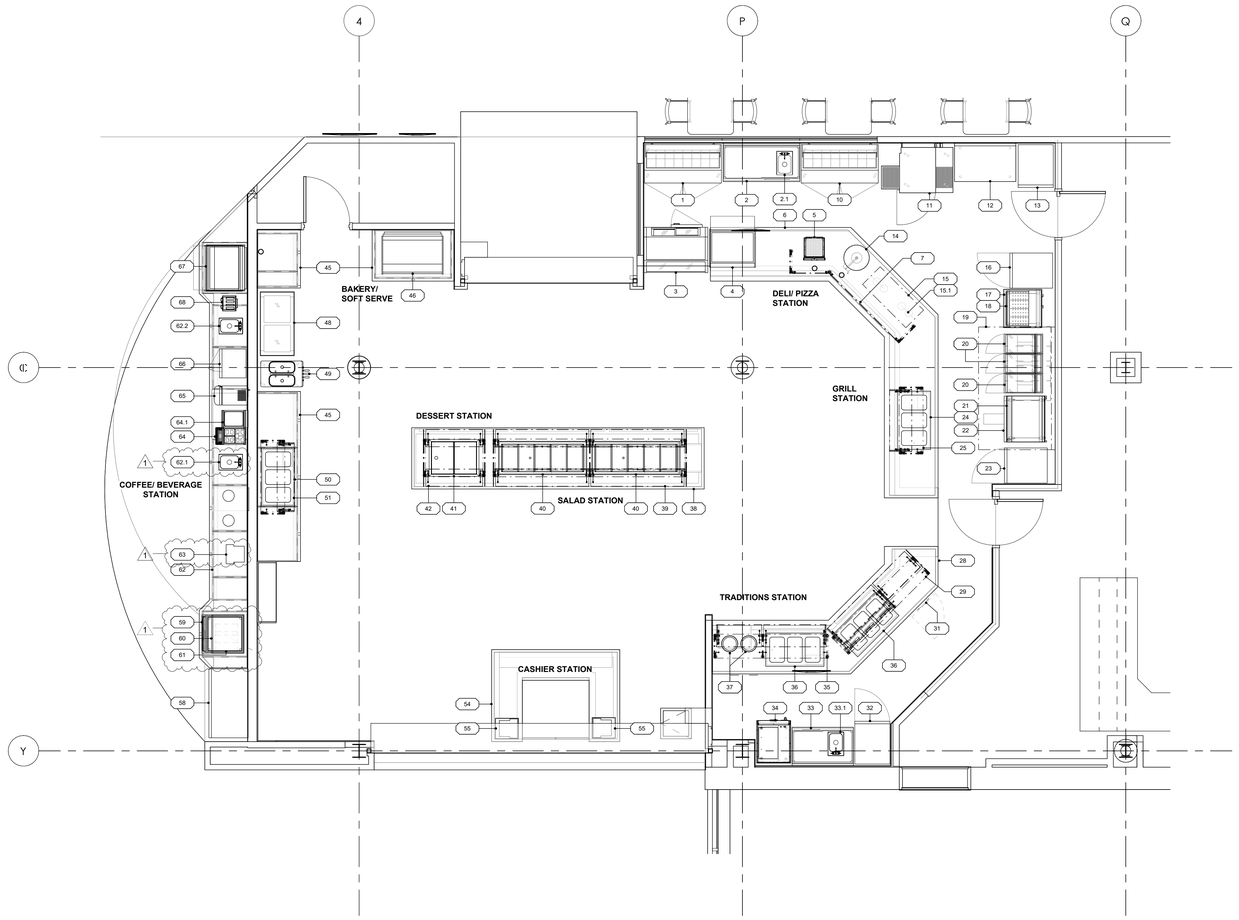
Project Status
BIDDING/PERMIT

Drawn By	Checked By
BJW	MJF

Drawing Title
LEVEL 1 WASTE PLUMBING PLAN

Drawing Number
P201

10/20/2026 10:20:57 AM C:\Users\mferrante.TI\Documents\Lakeland Breakers MEP P26_mferrante.rvt



FOODSERVICE EQUIPMENT PLAN - SERVERY

1/4" = 1'-0"

FOODSERVICE EQUIPMENT SCHEDULE

ITEM NO.	QTY.	DESCRIPTION	REMARKS
1	1	2-SECTION SANDWICH PREP TABLE	EXISTING, OFCI; CASTERS
2	1	60X30 WORKTABLE CABINET BASE	SLIDING DOORS
2.1	1	DROP-IN HAND SINK W/ FAUCET & SIDE SPLASHES	
3	1	DELI REFRIGERATED DISPLAY CASE	
4	1	COUNTERTOP NON-REFRIGERATED DISPLAY CASE	
5	1	PANINI PRESS	EXISITNG, OFCI
6	1	DELI/PIZZA/GRILL COUNTER	BY OTHERS, REFER TO ARCHITECTURAL
7	1	ADJUSTABLE SNEEZE GUARD	
8	1	SPARE NUMBER	
9	1	SPARE NUMBER	
10	1	2-SECTION SANDWICH PREP TABLE	CASTERS
11	1	DOUBLE CONVEYOR PIZZA OVEN	EQUIPMENT STAND, CASTERS
12	1	48X30 WORKTABLE	
13	1	1-SECTION REACH-IN REFRIGERATOR	CASTERS
14	1	HEATED SHELF FOOD WARMER	EXISTING, OFCI
15	1	HEATED SHELF	EXISTING, OFCI
15.1	2	HEAT LAMP	EXISTING, OFCI
16	1	1-SECTION REACH-IN FREEZER	CASTERS
17	1	30X30 EQUIPMENT STAND	
18	1	DUMP STATION	
19	1	RELOCATED HOOD #3	EXISTING, REFER TO MECHANICAL
20	3	50LB GAS FRYER	GAS HOSE, CASTERS
21	1	36X30 EQUIPMENT STAND	CASTERS
22	1	36" COUNTERTOP GRIDDLE	
23	1	1-SECTION REACH-IN REFRIGERATOR	CASTERS
24	1	3-PAN DROP-IN HOT WELL	
25	1	ADJUSTABLE SNEEZE GUARD	
26	1	SPARE NUMBER	
27	1	SPARE NUMBER	
28	1	TRADITIONS COUNTER	BY OTHERS, REFER TO ARCHITECTURAL
29	1	ADJUSTABLE SNEEZE GUARD	W/ HEAT LAMP AND LED LIGHTS
30	1	SPARE NUMBER	
31	1	U/C REFRIGERATOR	EXISTING, OFCI
32	1	1-SECTION REACH-IN REFRIGERATOR	CASTERS
33	1	48X30 WORK TABLE CABINET BASE	SLIDING DOORS
33.1	1	DROP-IN HAND SINK W/ FAUCET & SIDE SPLASHES	
34	1	1-SECTION REACH-IN HEATED CABINET	CASTERS
35	1	ADJUSTABLE SNEEZE GUARD	
36	2	3-PAN DROP-IN HOT WELL	
37	2	11QT DROP-IN SOUP WELL	
38	1	SALAD BAR COUNTER	BY OTHERS, REFER TO ARCHITECTURAL
39	1	ADJUSTABLE SNEEZE GUARD	
40	2	5-PAN COLD WELL	
41	1	39" FROST TOP	
42	1	ADJUSTABLE SNEEZE GUARD	
43	1	SPARE NUMBER	
44	1	SPARE NUMBER	
45	3	BAKERY/SOFT SERVE COUNTERS	BY OTHERS, REFER TO ARCHITECTURAL
46	1	DROP-IN REFRIGERATED DISPLAY CASE	SELF SERVE
47	1	SPARE NUMBER	
48	1	ICE CREAM MERCHANDISER	EXISTING, OFCI; CASTERS
49	1	FLOOR MODEL SOFT SERVE MACHINE	CASTERS
50	1	3-PAN DROP-IN COLD WELL	
51	1	ADJUSTABLE SNEEZE GUARD	
52	1	SPARE NUMBER	
53	1	SPARE NUMBER	
54	1	POS COUNTER	BY OTHER, REFER TO ARCHITECTURAL
55	2	POS	OFCI
56	1	SPARE NUMBER	
57	1	SPARE NUMBER	
58	1	REFRIGERATED MERCHANDISER	EXISTING, OFCI
59	1	COUNTERTOP SODA AND ICE DISPENSER	
60	1	545 LBS ICE MAKER, CUBE STYLE	
61	1	BAG-IN-BOX SYSTEM	OFCI
62	1	COFFEE/BEVERAGE COUNTER	BY OTHER, REFER TO ARCHITECTURAL
62.1	1	DROP-IN DUMP SINK W/ FAUCET & SIDE SPLASHES	
62.2	1	DROP-IN HAND SINK W/ FAUCET & SIDE SPLASHES	
63	1	POS	BY OTHERS
64	1	COFFEE MACHINE	
64.1	1	MILK REFRIGERATOR	
65	1	BEVERAGE DISPENSER	EXISTING, OFCI
66	1	MICROWAVE	EXISTING, OFCI
67	1	DROP-IN REFRIGERATED DISPLAY CASE	SELF SERVE
68	1	TOASTER	EXISTING, OFCI
69	1	SPARE NUMBER	
70	1	20QT MIXER	NOT SHOWN ON PLAN, SEE ELECTRICAL SCHEDULE

-To Set Office Location -
Select Family, Edit type properties.
Check the box next to correct office location.
See huddle.cplteam.com for more info.

In the Type properties there is a ClientConsultant_Logo dropdown. Most projects will use TBlk-Logo_NoLogo for an empty box to start.

Hit Tab to select this family. Right Click edit family, save as using the naming convention below. Create a logo family for the project. New family is loaded in to **PROJECT** not TitleBlock.

When Client or Consultant Logos are Required/needed teams can contact BIM managers for assistance with creation of required logo families.

Naming convention
TBlk-Logo_Project-<ProjectName>

Notes
- This space is 2.5" x 2.5".
- The more logos used in this area, the smaller each logo will be.

PROJECT INFORMATION

Project Number
PROJ#

Client Name
Owner

Project Name
BREAKERS - LAKELAND COMMUNITY COLLEGE

Project Address
7700 Clocktower Dr, Kirtland, OH 44094

PROJECT ISSUE & REVISION SCHEDULE

#	Date	Description
1	10/20/26	Addendum 2

PROFESSIONAL STAMPS

Stamps in Bluebeam or Stamp in Revit

Option 1: One principal will stamp all drawings in the project in the upper box and a discipline specific licensed professional stamps the lower box. Use the drop downs to choose the correct stamps loaded into the project.

Option 2: The project is in North Carolina and South Carolina. A corporate stamps for the upper box is preloaded. A discipline specific stamp is loaded in the file. Use the drop downs to choose the correct stamps for the project.

Stamp in Bluebeam or Stamp in Revit

Apply Stamps in Bluebeam
The stamps can be applied in Bluebeam Extreme using the Batch Stamping function. 120 drawings can be stamped in about 30 seconds. See Huddle for workflow. If using Bluebeam to stamp, update both dropdowns to be TBlk-Stamp_No Stamp.

Load stamps in to Revit Project
Save this family to use the naming convention **TBlk-Stamp_<Authority>-<Disciplines>**. Open the drawing you want to see on the plotted or Print family. Load the family into the **PROJECT**. The family will now be available as an option in the file Select type dropdown. See Huddle for workflow.

Option 1: One principal will stamp all drawings in the project in the upper box and a discipline specific licensed professional stamps the lower box. Use the drop downs to choose the correct stamps loaded into the project.

Option 2: The project is in North Carolina and South Carolina. A corporate stamps for the upper box is preloaded in the file block. Use the drop downs to choose the correct stamps for the project.

Stamp in Bluebeam or Stamp in Revit

Apply Stamps in Bluebeam
The stamps can be applied in Bluebeam Extreme using the Batch Stamping function. 120 drawings can be stamped in about 30 seconds. See Huddle for workflow. If using Bluebeam to stamp, update both dropdowns to be TBlk-Stamp_No Stamp.

Load stamps in to Revit Project
Save this family to use the naming convention **TBlk-Stamp_<Authority>-<Disciplines>**. Open the drawing you want to see on the plotted or Print family. Load the family into the **PROJECT**. The family will now be available as an option in the file Select type dropdown. See Huddle for workflow.

FOR REVIEW
NOT FOR PERMIT OR CONSTRUCTION

SHEET INFORMATION

Issued
10/20/26

Scale
1/4" = 1'-0"

Project Status
100% CD - ADDENDUM 2

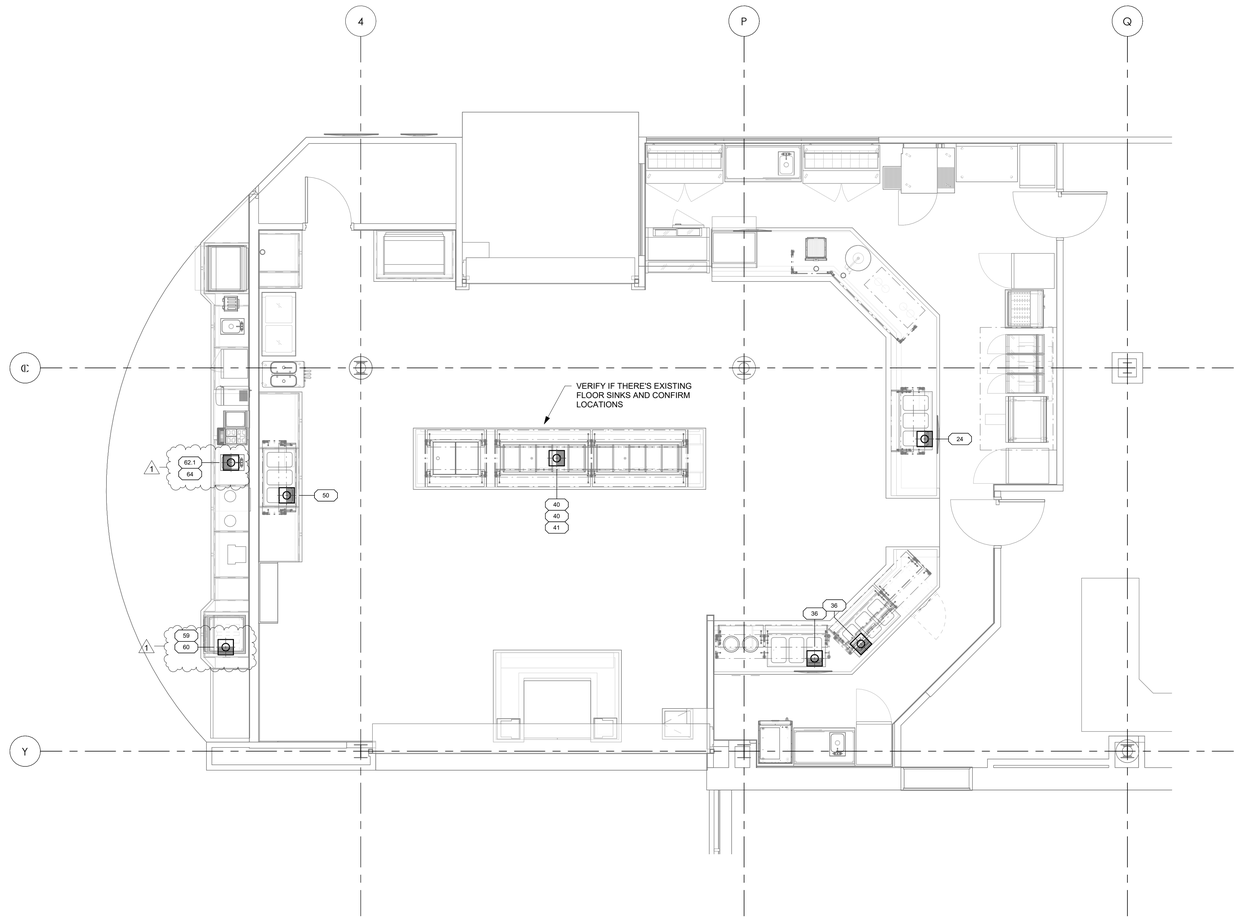
Drawn By
DRW

Checked By
CHK

Drawing Title
FOODSERVICE EQUIPMENT PLAN AND SCHEDULE

Drawing Number
QF101

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FOODSERVICE PLUMBING IN-SLAB ROUGH-IN PLAN

1/4" = 1'-0"

FOODSERVICE PLUMBING SCHEDULE

ITEM NO.	QTY.	DESCRIPTION	HW SIZE	HW AFF	CW SIZE	CW AFF	FW SIZE	FW AFF	DW SIZE	DW AFF	IW SIZE	GAS SIZE	GAS AFF	GAS MBTU	PLUMBING REMARKS
2.1	1	DROP-IN HAND SINK W/ FAUCET & SIDE SPLASHES	1/2"	18"	1/2"	18"			1 1/2"	24"					
20	3	50LB GAS FRYER										3/4"	12"	122.0	
22	1	36" COUNTERTOP GRIDDLE										3/4"	12"	90.0	
24	1	3-PAN DROP-IN HOT WELL									1/2"				
33.1	1	DROP-IN HAND SINK W/ FAUCET & SIDE SPLASHES	1/2"	18"	1/2"	18"			1 1/2"	24"					
36	2	3-PAN DROP-IN HOT WELL									1/2"				
40	2	5-PAN COLD WELL									1"				
41	1	39" FROST TOP									1/2"				
50	1	3-PAN DROP-IN COLD WELL									1"				
59	1	COUNTERTOP SODA AND ICE DISPENSER					1/2"	62"			1"				SOURCE FW FROM CENTRAL FILTRATION SYSTEM IN BUILDING
60	1	545 LBS ICE MAKER, CUBE STYLE					1/2",	72"			3/4",				SOURCE FW FROM CENTRAL FILTRATION SYSTEM IN BUILDING
61	1	BAG-IN-BOX SYSTEM					1/2"	24"							NIC BY OWNER, VERIFY REQUIREMENTS PRIOR TO ROUGH-IN; SOURCE FW FROM CENTRAL FILTRATION SYSTEM IN BUILDING
62.1	1	DROP-IN DUMP SINK W/ FAUCET & SIDE SPLASHES	1/2"	18"	1/2"	18"					1 1/2"				
62.2	1	DROP-IN HAND SINK W/ FAUCET & SIDE SPLASHES	1/2"	18"	1/2"	18"			1 1/2"	24"					
64	1	COFFEE MACHINE					1/2"	24"			3/4"				SOURCE FW FROM CENTRAL FILTRATION SYSTEM IN BUILDING, REDUCE CW TO 3/8" AT CONNECTION
65	1	BEVERAGE DISPENSER					1/2"	24"							NIC EXISTING, VERIFY REQUIREMENTS PRIOR TO ROUGH IN, SOURCE FW FROM CENTRAL FILTRATION SYSTEM IN BUILDING

FOODSERVICE DRAWINGS INDICATE PLUMBING ROUGH-IN/CONNECTION POINTS ONLY FOR EQUIPMENT SPECIFIED UNDER THE KITCHEN EQUIPMENT (SECTION 114000) CONTRACT. ANY ADDITIONAL PLUMBING REQUIREMENTS ARE NOT INDICATED ON FOODSERVICE DRAWINGS. THE PLUMBING CONTRACTOR (DIVISION 22) SHALL FURNISH AND INSTALL PRESSURE REDUCING VALVES, FLOW CONTROLS, BACK FLOW PREVENTION, RPZ (REDUCED PRESSURE ZONE) VALVES, WATER HAMMER ARRESTOR, GATE VALVES, FOR WATER CONNECTIONS AS REQUIRED PER LOCAL CODES.

PLUMBING LEGEND

- HOT WATER
- HOT WATER - SOFTENED
- COLD WATER
- COLD WATER - SOFTENED
- FILTERED WATER
- DIRECT WASTE
- FLOOR SINK - THREE-QUARTER GRATE
- FLOOR SINK - HALF GRATE
- FLOOR SINK - NO GRATE
- FLOOR DRAIN
- FUNNEL FLOOR DRAIN
- HUB FLOOR DRAIN
- AREA FLOOR DRAIN - SLOPED PER CODE
- GAS DROP FROM MANIFOLD
- FIRE SUPPRESSION GAS SHUT-OFF VALVE
- CHILLED WATER
- CHILLED WATER RETURN
- STEAM SUPPLY
- CONDENSATE RETURN

PLUMBING NOTES (DIVISION 22)

NOTE: THE FOLLOWING ADDITIONAL REQUIREMENTS SHALL BE THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR (DIVISION 22) AND SHALL BE APPLICABLE ONLY WHERE NOTED ON THE PLUMBING ROUGH-IN PLAN(S). THE PLUMBING CONTRACTOR (DIVISION 22) SHALL VERIFY AND COORDINATE THE EXACT PLUMBING REQUIREMENTS FOR ALL NIC EQUIPMENT PRIOR TO FINAL ROUGH-IN.

A. INSTALL KEC (SECTION 114000) FURNISHED FLOOR TROUGH(S).
B. INSTALL KEC (SECTION 114000) FURNISHED MOP SINK(S).
C. INSTALL KEC (SECTION 114000) FURNISHED FIRE SUPPRESSION SYSTEM GAS SHUT OFF VALVE. MUST BE ACCESSIBLE AND NOT CONCEALED IN WALL OR CEILING.
D. INSTALL KEC (SECTION 114000) FURNISHED DRAIN LINE TEMPERING KIT PER MANUFACTURER'S RECOMMENDATIONS.
E. MANIFOLD DRAINS TO SINGLE CONNECTION.
F. FURNISH AND INSTALL BALL VALVE IN DRAIN LINE. VALVE TO BE IN EASILY ACCESSIBLE LOCATION.
G. INTERPLUMB BETWEEN FILTER AND EQUIPMENT. PIPING FROM WATER FILTER OUTLET TO POINTS OF USE SHALL BE CONCEALED WITHIN WALLS AND CEILINGS. EXTEND DRAIN(S) TO FLOOR SINK/FLOOR DRAIN, IF REQUIRED.
H. CONNECT MIN. 110°F HOT WATER SUPPLY TO BUILT-IN OR EXTERNAL (70° RISE) BOOSTER HEATER. WHEN EXTERNAL, INSTALL TEMPERATURE/PRESSURE GAUGE(S) AS REQ'D AND EXTEND TO DISHWASHER INLET.
I. CONNECT CONDENSATE INDIRECT WASTE(S) WITH REFRIGERATION GRADE HARD COPPER USING 1" STANDOFFS. "P" TRAP WASTE OUTSIDE WALK-IN COMPARTMENT(S). PROVIDE AND INSTALL SLEEVES THRU WALK-IN AND BUILDING WALLS FOR WASTE(S). FOAM & CAULK AROUND SLEEVES AND WASTE(S). WRAP WITH DRAIN LINE HEATER AND INSULATION WHERE SUBJECT TO FREEZING TEMPERATURES.
J. REFRIGERATION CONTRACTOR SHALL PROVIDE WALK-IN EVAPORATOR CONDENSATE INDIRECT WASTE(S) PER REFRIGERATION GENERAL REQS.
K. PROVIDE GRAY WATER AND SLURRY PIPING TO AND FROM (SECTION 114000) FURNISHED PULPER, TROUGH, AND WATER EXTRACTOR. INSTALL KEC (SECTION 114000) FURNISHED TROUGH INLET NOZZLES AND PROVIDE SHUT OFF VALVE AT EACH NOZZLE.
L. PROVIDE "TEE" IN HOT WATER LINE AND CAP FOR FUTURE INSTALLATION OF CHEMICAL DISPENSING SYSTEM BY OTHERS.
M. PROVIDE CHROME PLATED PIPE AND FITTINGS WHERE EXPOSED.
N. PROVIDE AND INSTALL 3" MIN. DRAIN LINE TO 12"X12"X10" DEEP FLOOR SINK.
O. VERIFY EXACT LOCATION AND QUANTITY OF AREA FLOOR DRAIN(S) WITH THE PLUMBING ENGINEER.
P. STUB UP WASTE WITHIN WALL. ROUTE WASTE THRU WALL TO ROUGH-IN LOCATION(S) INDICATED FOR DIRECT CONNECTION TO EQUIPMENT.

-To Set Office Location -
Select Family, Edit type properties.
Check the box next to correct office location.
See huddle.cplteam.com for more info.

In the Type properties there is a ClientConsultant_Logo dropdown. Most projects will use TBlk-Logo_NoLogo for an empty box to start.

Hit Tab to select this family. Right Click edit family, save as using the naming convention below. Create a logo family for the project. New family is loaded in to PROJECT not Titleblock.

When Client or Consultant Logos are Required/needed teams can contact Bim managers for assistance with creation of required logo families.

Naming convention
TBlk-Logo_Project-<ProjectName>

Notes
- This space is 2.5" x 2.5".
- The more logos used in this area, the smaller each logo will be.

PROJECT INFORMATION

Project Number
PROJ#

Client Name
Owner

Project Name
BREAKERS - LAKELAND COMMUNITY COLLEGE

Project Address
7700 Clocktower Dr, Kirtland, OH 44094

PROJECT ISSUE & REVISION SCHEDULE

#	Date	Description
1	10/20/26	Addendum 2

PROFESSIONAL STAMPS
Generally, most projects have two stamps.

Option 1: One principal will stamp all drawings in the project in the upper box and a discipline specific licensed professional stamps the lower box. Use the drop downs to choose the correct stamps loaded into the project.

Option 2: The project it in North Carolina and South Carolina. A corporate stamps for the upper box is preloaded. A discipline specific stamp for the lower box. Use the drop downs to choose the correct stamps for the project.

Stamp in Bluebeam or Stamp in Revit

Apply Stamps in Bluebeam
The stamps can be applied in Bluebeam Extreme using the Batch Stamping function. 120 drawings can be stamped in about 30 seconds. See huddle for workflow. If using Bluebeam to stamp, update both dropdowns to bar Title Stamp. No Stamp.

Load stamps to be in Project
Save this family as use the naming convention **TBlk-Stamp_<authorname>**
Load the stamp you want to see on the drawing in Revit family. Load the family into the **PROJECT**. The family will now be available in the Type Selector. See the workflow as an option in the title block family.

FOR REVIEW
NOT FOR PERMIT OR CONSTRUCTION

Option 1: One principal will stamp all drawings in the project in the upper box and a discipline specific licensed professional stamps the lower box. Use the drop downs to choose the correct stamps loaded into the project.

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Load stamps to be in Project
Save this family as use the naming convention **TBlk-Stamp_<authorname>**
Load the stamp you want to see on the drawing in Revit family. Load the family into the **PROJECT**. The family will now be available in the Type Selector. See the Word have dropdowns. See huddle for workflow.

SHEET INFORMATION

Issued
10/20/26

Scale
1/4" = 1'-0"

Project Status
100% CD - ADDENDUM 2

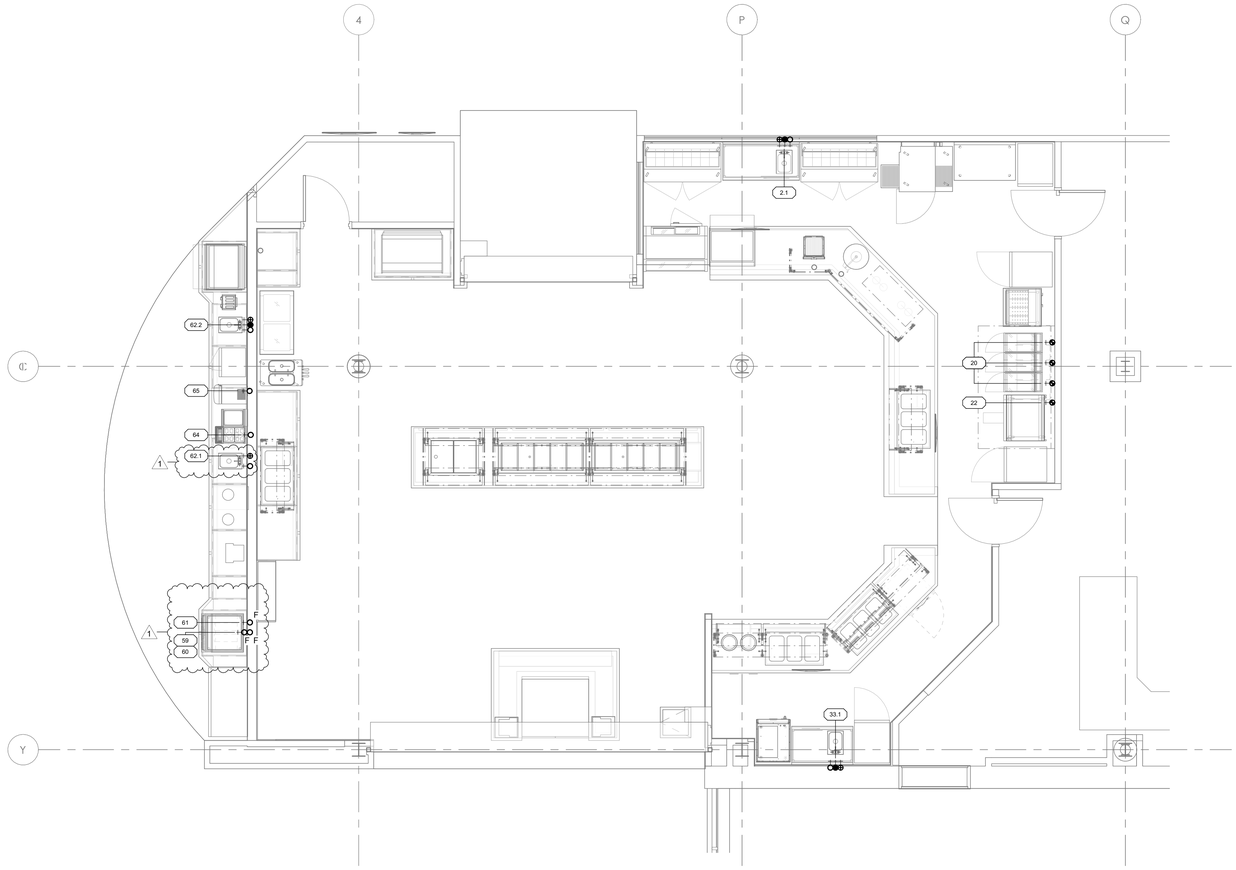
Drawn By
DRW

Checked By
CHK

Drawing Title
FOODSERVICE PLUMBING IN-SLAB ROUGH-IN PLAN AND SCHEDULE

Drawing Number
QF201

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PLUMBING LEGEND

HW	HOT WATER
SHW	HOT WATER - SOFTENED
CW	COLD WATER
SCW	COLD WATER - SOFTENED
FCW	FILTERED WATER
	DIRECT WASTE
	FLOOR SINK - THREE-QUARTER GRATE
	FLOOR SINK - HALF GRATE
	FLOOR SINK - NO GRATE
	FLOOR DRAIN
	FUNNEL FLOOR DRAIN
	HUB FLOOR DRAIN
	AREA FLOOR DRAIN - SLOPED PER CODE
G	GAS DROP FROM MANIFOLD
	FIRE SUPPRESSION GAS SHUT-OFF VALVE
CHW CS	CHILLED WATER
CHW CR	CHILLED WATER RETURN
SS	STEAM SUPPLY
CR	CONDENSATE RETURN

PLUMBING NOTES (DIVISION 22)

NOTE: THE FOLLOWING ADDITIONAL REQUIREMENTS SHALL BE THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR (DIVISION 22) AND SHALL BE APPLICABLE ONLY WHERE NOTED ON THE PLUMBING ROUGH-IN PLAN(S). THE PLUMBING CONTRACTOR (DIVISION 22) SHALL VERIFY AND COORDINATE THE EXACT PLUMBING REQUIREMENTS FOR ALL NIC EQUIPMENT PRIOR TO FINAL ROUGH-IN.

A. INSTALL KEC (SECTION 114000) FURNISHED FLOOR TROUGH(S).
B. INSTALL KEC (SECTION 114000) FURNISHED MOP SINK(S).
C. INSTALL KEC (SECTION 114000) FURNISHED FIRE SUPPRESSION SYSTEM GAS SHUT OFF VALVE. MUST BE ACCESSIBLE AND NOT CONCEALED IN WALL OR CEILING.
D. INSTALL KEC (SECTION 114000) FURNISHED DRAIN LINE TEMPERING KIT PER MANUFACTURER'S RECOMMENDATIONS.
E. MANIFOLD DRAINS TO SINGLE CONNECTION.
F. FURNISH AND INSTALL BALL VALVE IN DRAIN LINE. VALVE TO BE IN EASILY ACCESSIBLE LOCATION.
G. INTERPLUMB BETWEEN FILTER AND EQUIPMENT. PIPING FROM WATER FILTER OUTLET TO POINTS OF USE SHALL BE CONCEALED WITHIN WALLS AND CEILINGS. EXTEND DRAIN(S) TO FLOOR SINK/FLOOR DRAIN, IF REQUIRED.
H. CONNECT MIN. 110°F HOT WATER SUPPLY TO BUILT-IN OR EXTERNAL (70° RISE) BOOSTER HEATER. WHEN EXTERNAL, INSTALL TEMPERATURE/PRESSURE GAUGE(S) AS REQ'D AND EXTEND TO DISHWASHER INLET.
I. CONNECT CONDENSATE INDIRECT WASTE(S) WITH REFRIGERATION GRADE HARD COPPER USING 1" STANDOFFS. "P" TRAP WASTE OUTSIDE WALK-IN COMPARTMENT(S). PROVIDE AND INSTALL SLEEVES THRU WALK-IN AND BUILDING WALLS FOR WASTE(S). FOAM & CAULK AROUND SLEEVES AND WASTE(S). WRAP WITH DRAIN LINE HEATER AND INSULATION WHERE SUBJECT TO FREEZING TEMPERATURES.
J. REFRIGERATION CONTRACTOR SHALL PROVIDE WALK-IN EVAPORATOR CONDENSATE INDIRECT WASTE(S) PER REFRIGERATION GENERAL REQS.
K. PROVIDE GRAY WATER AND SLURRY PIPING TO AND FROM (SECTION 114000) FURNISHED PULPER, TROUGH, AND WATER EXTRACTOR. INSTALL KEC (SECTION 114000) FURNISHED TROUGH INLET NOZZLES AND PROVIDE SHUT OFF VALVE AT EACH NOZZLE.
L. PROVIDE "TEE" IN HOT WATER LINE AND CAP FOR FUTURE INSTALLATION OF CHEMICAL DISPENSING SYSTEM BY OTHERS.
M. PROVIDE CHROME PLATED PIPE AND FITTINGS WHERE EXPOSED.
N. PROVIDE AND INSTALL 3" MIN. DRAIN LINE TO 12"X12"X10" DEEP FLOOR SINK.
O. VERIFY EXACT LOCATION AND QUANTITY OF AREA FLOOR DRAIN(S) WITH THE PLUMBING ENGINEER.
P. STUB UP WASTE WITHIN WALL. ROUTE WASTE THRU WALL TO ROUGH-IN LOCATION(S) INDICATED FOR DIRECT CONNECTION TO EQUIPMENT.

FOODSERVICE PLUMBING ABOVE-SLAB ROUGH-IN PLAN

1/4" = 1'-0"

FOODSERVICE PLUMBING SCHEDULE

ITEM NO.	QTY.	DESCRIPTION	HW SIZE	HW AFF	CW SIZE	CW AFF	FW SIZE	FW AFF	DW SIZE	DW AFF	IW SIZE	GAS SIZE	GAS AFF	GAS MBTU	PLUMBING REMARKS
2.1	1	DROP-IN HAND SINK W/ FAUCET & SIDE SPLASHES	1/2"	18"	1/2"	18"			1 1/2"	24"					
20	3	50LB GAS FRYER										3/4"	12"	122.0	
22	1	36" COUNTERTOP GRIDDLE										3/4"	12"	90.0	
24	1	3-PAN DROP-IN HOT WELL									1/2"				
33.1	1	DROP-IN HAND SINK W/ FAUCET & SIDE SPLASHES	1/2"	18"	1/2"	18"			1 1/2"	24"					
36	2	3-PAN DROP-IN HOT WELL									1/2"				
40	2	5-PAN COLD WELL									1"				
41	1	39" FROST TOP									1/2"				
50	1	3-PAN DROP-IN COLD WELL									1"				
59	1	COUNTERTOP SODA AND ICE DISPENSER					1/2"	62"			1"				SOURCE FW FROM CENTRAL FILTRATION SYSTEM IN BUILDING
60	1	545 LBS ICE MAKER, CUBE STYLE					1/2"	72"			3/4"				SOURCE FW FROM CENTRAL FILTRATION SYSTEM IN BUILDING
61	1	BAG-IN-BOX SYSTEM					1/2"	24"							NIC BY OWNER, VERIFY REQUIREMENTS PRIOR TO ROUGH-IN; SOURCE FW FROM CENTRAL FILTRATION SYSTEM IN BUILDING
62.1	1	DROP-IN DUMP SINK W/ FAUCET & SIDE SPLASHES	1/2"	18"	1/2"	18"					1 1/2"				
62.2	1	DROP-IN HAND SINK W/ FAUCET & SIDE SPLASHES	1/2"	18"	1/2"	18"			1 1/2"	24"					
64	1	COFFEE MACHINE					1/2"	24"			3/4"				SOURCE FW FROM CENTRAL FILTRATION SYSTEM IN BUILDING, REDUCE CW TO 3/8" AT CONNECTION
65	1	BEVERAGE DISPENSER					1/2"	24"							NIC EXISTING, VERIFY REQUIREMENTS PRIOR TO ROUGH IN, SOURCE FW FROM CENTRAL FILTRATION SYSTEM IN BUILDING

FOODSERVICE DRAWINGS INDICATE PLUMBING ROUGH-IN/CONNECTION POINTS ONLY FOR EQUIPMENT SPECIFIED UNDER THE KITCHEN EQUIPMENT (SECTION 114000) CONTRACT. ANY ADDITIONAL PLUMBING REQUIREMENTS ARE NOT INDICATED ON FOODSERVICE DRAWINGS. THE PLUMBING CONTRACTOR (DIVISION 22) SHALL FURNISH AND INSTALL PRESSURE REDUCING VALVES, FLOW CONTROLS, BACK FLOW PREVENTION, RPZ (REDUCED PRESSURE ZONE) VALVES, WATER HAMMER ARRESTOR, GATE VALVES, FOR WATER CONNECTIONS AS REQUIRED PER LOCAL CODES.

-To Set Office Location -
Select Family, Edit type properties.
Check the box next to correct office location.
See huddle.cplteam.com for more info.

In the Type properties there is a ClientConsultant_Logo dropdown. Most projects will use TBlk-Logo_NoLogo for an empty box to start.

Hit Tab to select this family. Right Click edit family, save as using the naming convention below. Create a logo family for the project. New family is loaded in to PROJECT not Titleblock.

When Client or Consultant Logos are Required/needed teams can contact Bim managers for assistance with creation of required logo families.

Naming convention
TBlk-Logo_Project-<ProjectName>

Notes
- This space is 2.5" x 2.5".
- The more logos used in this area, the smaller each logo will be.

PROJECT INFORMATION

Project Number
PROJ#

Client Name
Owner

Project Name
BREAKERS - LAKELAND COMMUNITY COLLEGE

Project Address
7700 Clocktower Dr, Kirtland, OH 44094

PROJECT ISSUE & REVISION SCHEDULE

#	Date	Description
1	10/20/26	Addendum 2

PROFESSIONAL STAMPS

Generally most projects have two stamps.



SHEET INFORMATION

Issued
10/20/26

Scale
1/4" = 1'-0"

Project Status
100% CD - ADDENDUM 2

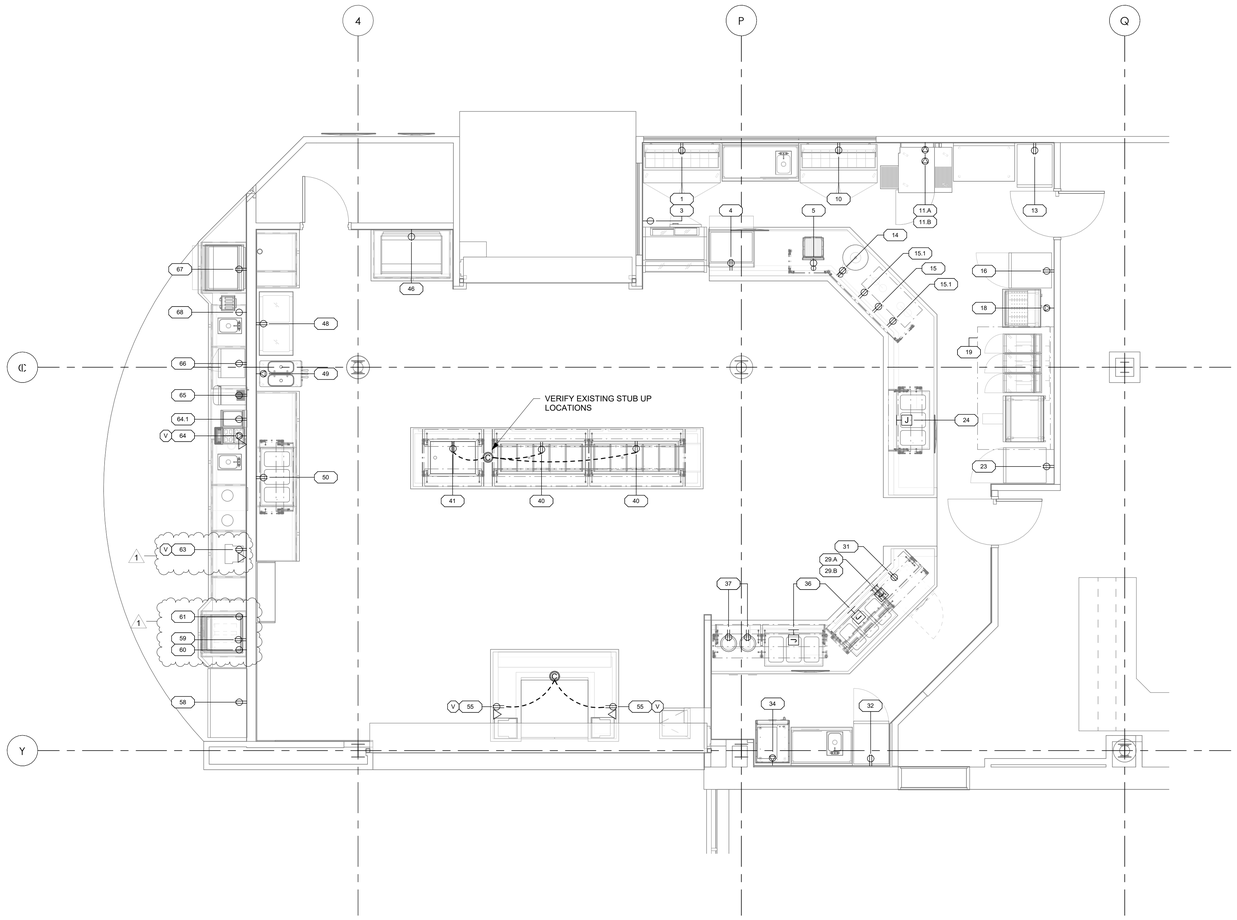
Drawn By
DRW

Checked By
CHK

Drawing Title
FOODSERVICE PLUMBING ABOVE SLAB ROUGH-IN PLAN AND SCHEDULE

Drawing Number
QF202

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FOODSERVICE ELECTRICAL ROUGH-IN PLAN

1/4" = 1'-0"

FOODSERVICE ELECTRICAL SCHEDULE

ITEM NO.	QTY.	DESCRIPTION	VOLTS	CYCLE	PHASE	KW	HP	AMPS	TYPE	NEMA	TYPE AFF	ELECTRICAL REMARKS
1	1	2-SECTION SANDWICH PREP TABLE	120	60	1		1/3	6.5	DR	5-15P	24"	NIC EXISTING, VERIFY REQUIREMENTS PRIOR TO ROUGH-IN
3	1	DELI REFRIGERATED DISPLAY CASE	120	60	1		1/4	12.0	SR	5-15P	24"	
4	1	COUNTERTOP NON-REFRIGERATED DISPLAY CASE	120	60	1			1.5	DR	5-15P	24"	
5	1	PANINI PRESS	120	60	1			15.0	SR	5-15P	24"	NIC EXISTING, VERIFY REQUIREMENTS PRIOR TO ROUGH-IN
10	1	2-SECTION SANDWICH PREP TABLE	120	60	1		1/3	6.0	DR	5-15P	24"	
11.A	1	DOUBLE CONVEYOR PIZZA OVEN -TOP	208	60	3	10.00		28.0	SP	L21-30P	60"	
11.B	1	DOUBLE CONVEYOR PIZZA OVEN - BOTTOM	208	60	3	10.00		28.0	SP	L21-30P	48"	
13	1	1-SECTION REACH-IN REFRIGERATOR	120	60	1		1/4	5.0	DR	5-15P	48"	
14	1	HEATED SHELF FOOD WARMER	120	60	1	0.65		5.4	DR	5-15P	24"	NIC EXISTING, VERIFY REQUIREMENTS PRIOR TO ROUGH-IN
15	1	HEATED SHELF	120	60	1			5.8	DR	5-15P	24"	NIC EXISTING, VERIFY REQUIREMENTS PRIOR TO ROUGH-IN
15.1	2	HEAT LAMP	120	60	1			16.0	DR	5-20P	24"	NIC EXISTING, VERIFY REQUIREMENTS PRIOR TO ROUGH-IN
16	1	1-SECTION REACH-IN FREEZER	120	60	1		3/4	8.5	DR	5-15P	48"	
18	1	DUMP STATION	208	60	1	2.89		14.0	SP	6-20P	24"	
19	1	RELOCATED HOOD #3							JBH			NIC EXISTING, VERIFY REQUIREMENTS PRIOR TO ROUGH-IN
23	1	1-SECTION REACH-IN REFRIGERATOR	120	60	1		1/4	5.0	DR	5-15P	48"	
24	1	3-PAN DROP-IN HOT WELL	208	60	1			15.0	JBW		24"	
29.A	1	ADJUSTABLE SNEEZE GUARD - LED LIGHTS	120	60	1	0.01		0.2	JBW		24"	SEE SHOP DWG FOR MORE INFO
29.B	1	ADJUSTABLE SNEEZE GUARD - HEAT LAMP	120	60	1	1.18		9.8	JBW		24"	HEAT LAMP OVER ITEM 36 3-PAN DROP-IN HOT WELL, SEE SHOP DWG FOR MORE INFO
31	1	U/C REFRIGERATOR	120	60	1		1/5	4.0	DR	5-15P	24"	
32	1	1-SECTION REACH-IN REFRIGERATOR	120	60	1		1/4	5.0	DR	5-15P	48"	
34	1	1-SECTION REACH-IN HEATED CABINET	208	60	1			6.3	SP	6-20P	48"	
36	2	3-PAN DROP-IN HOT WELL	208	60	1			15.0	JBW		24"	
37	2	11QT DROP-IN SOUP WELL	120	60	1	0.25		2.1	DR	5-15P	24"	
40	2	5-PAN COLD WELL	120	60	1		1/4	3.1	DR	5-15P		STUB UP TO EXISTING ROUGH-INS, VERIFY REQ. AND LOCATIONS
41	1	39" FROST TOP	120	60	1		1/5	3.7	DR	5-15P		STUB UP TO EXISTING ROUGH-INS, VERIFY REQ. AND LOCATIONS
46	1	DROP-IN REFRIGERATED DISPLAY CASE	120	60	1			14.0	SR	5-20P	24"	
48	1	ICE CREAM MERCHANDISER	120	60	1			2.3	DR	5-15P	24"	NIC EXISTING, VERIFY REQUIREMENTS PRIOR TO ROUGH-IN
49	1	FLOOR MODEL SOFT SERVE MACHINE	208	60	1		3	19.0	SP	L6-30P	48"	
50	1	3-PAN DROP-IN COLD WELL	120	60	1		1/4	3.1	DR	5-15P	24"	
55	2	POS	120	60	1			16.0	SR	5-20P	48"	NIC BY OWNER, VERIFY REQUIREMENTS PRIOR TO ROUGH-IN
58	1	REFRIGERATED MERCHANDISER	120	60	1			6.6	DR	5-15P	24"	NIC EXISTING, VERIFY REQUIREMENTS PRIOR TO ROUGH-IN
59	1	COUNTERTOP SODA AND ICE DISPENSER	120	60	1			9.3	DR	5-15P	48"	
60	1	545 LBS ICE MAKER, CUBE STYLE	120	60	1	5.30		10.7	SR	5-15P	84"	
61	1	BAG-IN-BOX SYSTEM	120	60	1			10.0	SR	5-20P	24"	NIC BY OTHERS, VERIFY REQUIREMENTS PRIOR TO ROUGH-IN
63	1	POS	120	60	1			16.0	SR	5-20P	48"	NIC BY OWNER, VERIFY REQUIREMENTS PRIOR TO ROUGH-IN
64	1	COFFEE MACHINE	208	60	1	5.40		30.0	SP	L6-30P	48"	DATA AS REQUIRED
64.1	1	MILK REFRIGERATOR	120	60	1	2.30		15.0	DR	5-15P	48"	
65	1	BEVERAGE DISPENSER	120	60	1			6.0	DR	5-15P	48"	NIC EXISTING, VERIFY REQUIREMENTS PRIOR TO ROUGH-IN
66	1	MICROWAVE	208	60	1				DR	5-15P	48"	NIC EXISTING, VERIFY REQUIREMENTS PRIOR TO ROUGH-IN
67	1	DROP-IN REFRIGERATED DISPLAY CASE	120	60	1			14.0	SR	5-15P	24"	
68	1	TOASTER	120	50	1				DR	5-15P	48"	NIC EXISTING, VERIFY REQUIREMENTS PRIOR TO ROUGH-IN
70	1	20QT MIXER	120	60	1		1/2	8.0	DR	5-15P		NOT SHOWN ON PLAN, OUTLET MOUNTED TO EXISTING WORKTABLE BOH

FOODSERVICE DRAWINGS INDICATE ELECTRICAL ROUGH-IN/CONNECTION POINTS ONLY FOR EQUIPMENT SPECIFIED UNDER THE KITCHEN EQUIPMENT (SECTION 114000) CONTRACT. ANY ADDITIONAL ELECTRICAL REQUIREMENTS ARE NOT INDICATED ON FOODSERVICE DRAWINGS.

ELECTRICAL LEGEND

- DUPLEX RECEPTACLE
- SINGLE RECEPTACLE
- SPECIAL PURPOSE RECEPTACLE
- QUAD RECEPTACLE
- FLUSH FLOOR MOUNT RECEPTACLE
- JUNCTION BOX - FLOOR/CLG MOUNTED
- JUNCTION BOX - WALL MOUNTED
- SWITCH
- DATA CONNECTION
- MANUAL FIRE PULL STATION
- DROP CORD MOUNTED FROM CEILING (CLG)
- CONDUIT STUB UP
- CONDUIT STUB OUT OF WALL
- DEFROST TIME CLOCK
- DISCONNECT
- LIGHT - RECTANGULAR
- LIGHT - ROUND
- MOTOR
- FIRE SUPPRESSION GAS SHUT OFF VALVE
- SENSOR (EXHAUST HOOD, TEMP, CO2, LIGHT) (SNSR)
- PLUG MOLD
- ELECTRIC PANEL

ELECTRICAL NOTES (DIVISION 26)

NOTE: THE FOLLOWING ADDITIONAL REQUIREMENTS SHALL BE THE RESPONSIBILITY OF THE ELECTRIC CONTRACTOR (DIVISION 26) AND SHALL BE APPLICABLE ONLY WHERE NOTED ON THE ELECTRIC ROUGH-IN PLAN(S). THE ELECTRIC CONTRACTOR (DIVISION 26) SHALL VERIFY AND COORDINATE THE EXACT ELECTRICAL REQUIREMENTS FOR ALL NIC EQUIPMENT PRIOR TO FINAL ROUGH-IN.

A. FURNISH AND INSTALL CORD AND PLUG SET(S).
B. FURNISH AND INSTALL DEVICE & COVER IN KEC (SECTION 114000) FURNISHED JUNCTION BOX.
C. FURNISH AND INSTALL JUNCTION BOX(S), DEVICE(S), AND COVER(S) IN KEC (SECTION 114000) FURNISHED EQUIPMENT.
D. CONNECT THRU DISPOSER CONTROL TO SOLENOID VALVE AND MOTOR.
E. CONNECT FROM KEC (SECTION 114000) FURNISHED ICE MACHINE TO REMOTE CONDENSER AS REQ'D.
F. CONNECT THRU KEC (SECTION 114000) FURNISHED AIR CURTAIN TO DOOR ACTIVATED MICROSWITCH.
G. CONNECT THRU KEC (SECTION 114000) FURNISHED REMOTE CONTROL SWITCH(ES).
H. FURNISH AND INSTALL SWITCH. CONNECT TO LIGHTS FURNISHED BY KEC (SECTION 114000).
I. CONNECT POWER SUPPLY TO KEC (SECTION 114000) FURNISHED LOAD CENTER. COUNTER SHALL BE PREWIRED AND SHIPPED IN SECTIONS. CONNECT BETWEEN SECTIONS.
J. CONNECT TO KEC (SECTION 114000) FURNISHED JUNCTION BOX AT WALK-IN DOOR ASSEMBLY. LIGHT FIXTURE AT DOOR IS PREWIRED TO FACTORY MOUNTED LIGHT SWITCH. MOUNT ADDITIONAL KEC (SECTION 114000) FURNISHED LIGHTS WHERE INDICATED AND CONNECT TO SWITCH. CONDUIT SHALL BE INSTALLED ABOVE WALK-IN AND NOT EXPOSED ON INTERIOR UNLESS REQ'D. CONDUIT PENETRATING WALK-IN SHALL BE NON-METALLIC OR PVC. FOAM AND SEAL INSIDE AND OUTSIDE OF ALL PENETRATIONS THRU WALK-IN(S).
K. CONNECT KEC (SECTION 114000) FURNISHED TEMPERATURE ALARM SYSTEM. COORDINATE WITH BUILDING SYSTEM(S).
L. INSTALL KEC (SECTION 114000) FURNISHED DEFROST TIMER. CONNECT THRU TIMER TO EVAPORATOR COIL. WHERE MULTIPLE COILS ARE PRESENT ON ONE SYSTEM, PROVIDE CONTROL WIRING BETWEEN PRIMARY AND SECONDARY COIL(S) AS REQ'D.
M. CONNECT FROM KEC (SECTION 114000) FURNISHED CONDENSING UNIT, THRU DEFROST TIMER, TO EVAPORATOR COIL.
N. FURNISH AND INSTALL NEMA RECEPTACLE WITH WEATHER COVER.
O. CONNECT EXHAUST FAN THRU FAN CONTROL CONTACTS IN DISHWASHER.
P. CONNECT TABLE LIMIT SWITCH TO DRY CONTACT ON KEC (SECTION 11400) FURNISHED DISH MACHINE.
Q. CONNECT DRAIN WATER TEMPERING DEVICE PER MANUFACTURER'S RECOMMENDATIONS.
R. CONNECT TO EXHAUST HOOD LIGHT(S), CONTROL(S), AND EXHAUST FAN(S)/MAKE-UP AIR UNIT(S) AS REQ'D. INTERWIRE HOOD SECTIONS, MOTOR STARTER(S)/DRIVES, AND OVERLOAD PROTECTION AS REQ'D. INSTALL COMPONENTS AND SENSORS SHIPPED LOOSE. REFER TO SYSTEM SHOP DRAWING(S) FOR ADDITIONAL SCHEMATICS.
S. CONNECT 120 VOLT FROM KEC (SECTION 114000) FURNISHED MICRO SWITCH IN FIRE SUPPRESSION SYSTEM CONTROL PANEL TO SHUNT TRIP BREAKER(S) FOR SHUT DOWN OF POWER TO ALL ELECTRICAL DEVICES UNDER HOOD(S) AND 18" OUTSIDE PERIMETER OF HOOD(S). CONNECT FROM MICRO SWITCH TO DIVISION 26 FURNISHED RELAY(S) OR SWITCHES FOR SHUT DOWN/CONTROL OF HOOD LIGHTS, MAKE-UP AIR FAN, AND FIRE ALARM SYSTEM.
T. CONNECT 120 VOLT FROM KEC (SECTION 114000) FURNISHED MICRO SWITCH IN FIRE SUPPRESSION SYSTEM CONTROL PANEL THRU MANUAL RESET RELAY TO ELECTRIC GAS VALVE. PROVIDE CONTROL/INTERWIRING BETWEEN THE FIRE SUPPRESSION SYSTEM AND ASSOCIATED ELECTRICAL GAS SOLENOID VALVES, RESET RELAYS, AND PULL STATIONS AS REQ'D.
U. FURNISH AND INSTALL CONCEALED CONDUIT AND RECESSED JUNCTION BOX IN WALL AT 42"-48" AFF FOR REMOTE MANUAL PULL STATION(S) PER MANUFACTURER'S RECOMMENDATIONS. COORDINATE LOCATION(S) WITH FIRE SUPPRESSION SYSTEM CONTRACTOR AND AUTHORITIES HAVING JURISDICTION PRIOR TO ROUGH-IN.
V. PROVIDE 3/4" EMPTY CONDUIT AND JUNCTION BOX FOR DATA CONNECTION. VERIFY EXACT REQS AND TERMINATION POINTS PRIOR TO ROUGH-IN.
W. PROVIDE DEVICE MOUNTED HORIZONTALLY IN BUILDING WALL.

-To Set Office Location -
Select Family, Edit type properties.
Check the box next to correct office location.
See huddle.cplteam.com for more info.

In the Type properties there is a ClientConsultant_Logo dropdown. Most projects will use TBlk-Logo_NoLogo for an empty box to start.

Hit Tab to select this family. Right Click edit family, save as using the naming convention below. Create a logo family for the project. New family is loaded in to **PROJECT** not Titleblock.

When Client or Consultant Logos are Required/needed teams can contact Bim managers for assistance with creation of required logo families.

Naming convention
TBlk-Logo_Project-<ProjectName>

Notes
- This space is 2.5" x 2.5".
- The more logos used in this area, the smaller each logo will be.

PROJECT INFORMATION

Project Number
PROJ#

Client Name
Owner

Project Name
BREAKERS - LAKELAND COMMUNITY COLLEGE

Project Address
7700 Clocktower Dr, Kirtland, OH 44094

PROJECT ISSUE & REVISION SCHEDULE

#	Date	Description
1	10/20/26	Addendum 2

PROFESSIONAL STAMPS

Dynamically inserted graphic from title blocks.

Option 1: One principal will stamp all drawings in the project. Use the drop down to choose the correct stamp located into the project.

Option 2: The project is in North Carolina and/or South Carolina. A corporate and a discipline specific licensed professional stamps the lower box. Use the drop downs to choose the correct stamps located into the project.

Stamp is Illustrator vs Stamp is Revit

Apply Stamps in Illustrator:
The stamps can be applied in Illustrator, External using the Batch stamping function. QR drawings can be stamped in about 30 seconds. See huddle for instructions. Stamps are applied from outside both dispatchers to be Title Stamp, No Stamp.

Load stamps in Revit Project
Save this family to use the Naming convention **Title Stamp_<Lastname>-<RoRName>**
Open the stamp you want to add on the drawing in that family, load the family into the **PROJECT**. No family will now be available to go back in the file and add/remove/ improve. See huddle for workflow.

SHEET INFORMATION

Issued	Scale
10/20/26	1/4" = 1'-0"

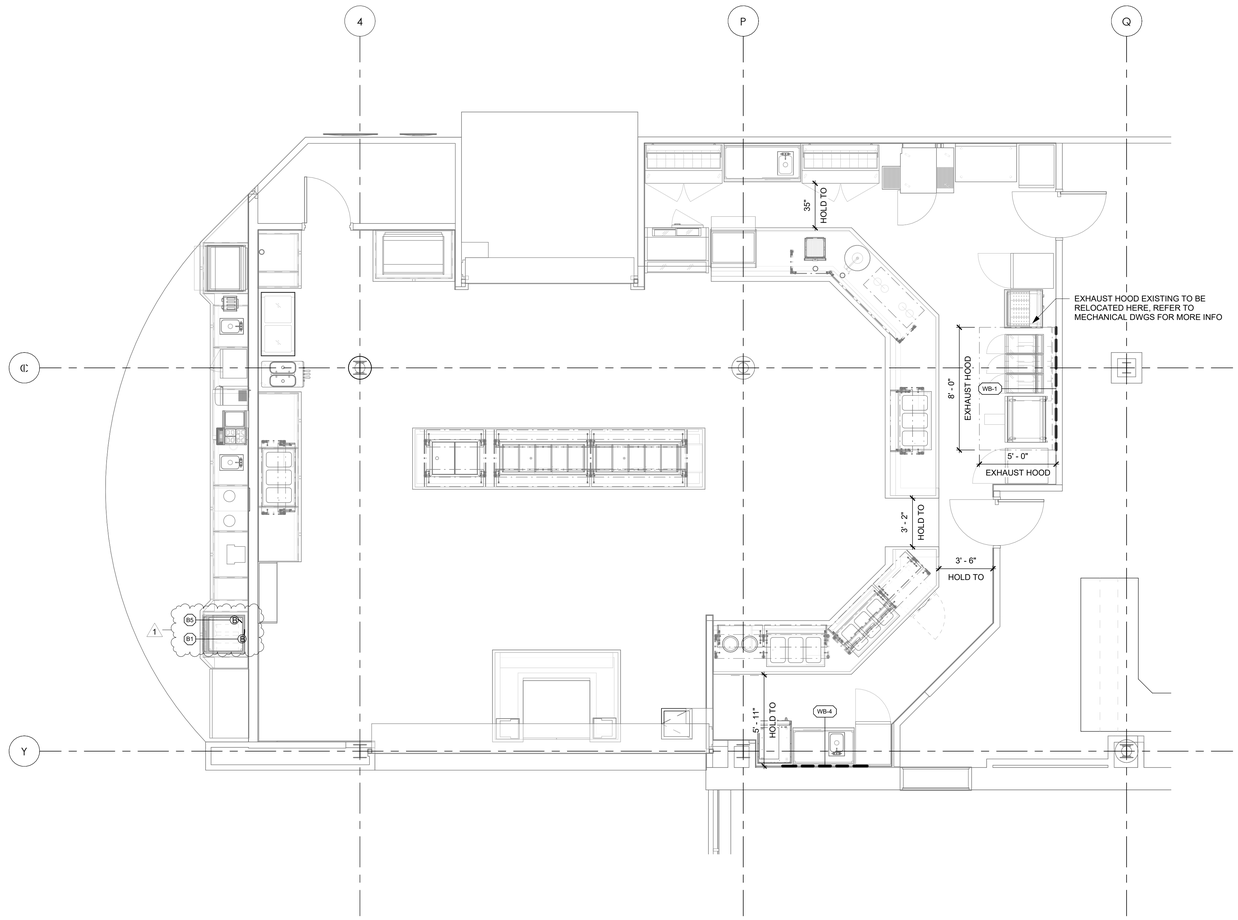
Project Status
100% CD - ADDENDUM 2

Drawn By	Checked By
DRW	CHK

Drawing Title
FOODSERVICE ELECTRICAL ROUGH-IN PLAN AND SCHEDULE

Drawing Number
QF301

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10/20/2026 9:34:45 AM



FOODSERVICE SPECIAL CONDITIONS PLAN

1/4" = 1'-0"

SPECIAL CONDITIONS LEGEND

-------- WALL BLOCKING

WALL BLOCKING NOTES (DIVISION 6)

WB-1	12" AFF TO 24" AFF
WB-2	18" AFF TO 30" AFF
WB-3	30" AFF TO 60" AFF
WB-4	48" AFF TO 60" AFF
WB-5	48" AFF TO 78" AFF
WB-6	48" AFF TO 84" AFF
WB-7	54" AFF TO 90" AFF
WB-8	60" AFF TO 78" AFF
WB-9	66" AFF TO 84" AFF
WB-10	72" AFF TO CEILING
WB-11	78" AFF TO 114" AFF
WB-12	84" AFF TO 102" AFF
WB-13	102" AFF TO 114" AFF
WB-14	VERIFY WITH ARCHITECT FOR BACK BAR SUPERSTRUCTURE
WB-15	FINISHED FLOOR TO FINISHED CEILING

NOTE: GENERAL CONTRACTOR AND/OR SUBDIVISIONS TO PROVIDE 3/4" WALL BACKING FOR WALL MOUNTED EQUIPMENT. MATERIAL MUST MEET THE SIZE AND LOAD REQ'S OF THE SPECIFIED EQUIPMENT AND SHALL BE COMPLIANT WITH ALL LOCAL CODES, LAWS, AND REGULATIONS. PROVIDE METAL BACKING OR OTHER ACCEPTABLE MATERIAL AT EXHAUST HOODS AND FIRE RATED WALLS/ASSEMBLIES AS REQ'D BY THE AUTHORITY HAVING JURISDICTION. ALL WALL BACKING SHALL BE CONCEALED BEHIND WALL FINISH. NO EXPOSED WALL BACKING SHALL BE ACCEPTED. IN THE EVENT THE KEC MUST REPAIR OR REPLACE THE PROVIDED BACKING, THE KEC WILL NOT BE LIABLE FOR ANY DELAYS OR ADDED COSTS.

BEVERAGE/REFRIGERATION LEGEND

Ⓑ BEVERAGE CONDUIT STUB UP

------- BEVERAGE/REFRIGERATION CONDUIT RUN

BEVERAGE SYSTEM NOTES (DIVISION 26)

NOTE: THE FOLLOWING ADDITIONAL REQUIREMENTS SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR (DIVISION 26) AND SHALL BE APPLICABLE ONLY WHERE NOTED ON THE PLAN(S). THE ELECTRIC CONTRACTOR (DIVISION 26) SHALL VERIFY AND COORDINATE THE EXACT BEVERAGE REQUIREMENTS FOR ALL NIC EQUIPMENT PRIOR TO FINAL ROUGH-IN.

B-1 PROVIDE 6" ID CONDUIT.
B-2 PROVIDE 8" ID CONDUIT.
B-3 ROUTE CONDUIT BENEATH FLOOR AND STUB UP TO 4" AFF.
B-4 ROUTE CONDUIT ABOVE FINISHED CEILING AND DOWN THRU WALL/CHASE.
B-5 ROUTE SODA LINE THRU CABINET TO SODA DISPENSER

-To Set Office Location -
Select Family, Edit type properties.
Check the box next to correct office location.
See huddle.cplteam.com for more info.

In the Type properties there is a ClientConsultant_Logo dropdown. Most projects will use TBlk-Logo_NoLogo for an empty box to start.

Hit Tab to select this family. Right Click edit family, save as using the naming convention below. Create a logo family for the project. New family is loaded in to **PROJECT** not Titleblock.

When Client or Consultant Logos are Required/needed teams can contact Bot managers for assistance with creation of required logo families.

Naming convention
TBlk-Logo_Project-<ProjectName>

Notes
- This space is 2.5" x 2.5".
- The more logos used in this area, the smaller each logo will be.

PROJECT INFORMATION

Project Number
PROJ#

Client Name
Owner

Project Name
BREAKERS - LAKELAND COMMUNITY COLLEGE

Project Address
7700 Clocktower Dr, Kirtland, OH 44094

PROJECT ISSUE & REVISION SCHEDULE

#	Date	Description
1	10/20/26	Addendum 2

PROFESSIONAL STAMPS
Generally, most projects have two stamps.

Option 1: One principal will stamp all drawings in the packet in the upper box and a discipline specific licensed professional will stamp below. Use the drop downs to choose the correct stamps loaded into the project.

Option 2: The project is in North Carolina and South Carolina. A corporate stamp for the upper box is preloaded. Use the drop downs to choose the correct stamps for the project.

Stamp in Bluebeam vs Stamp in Revit

Apply Stamps in Bluebeam
The stamps can be applied in Bluebeam Sofware using the Batch stamping function. 100 drawings can be stamped in about 30 seconds, See Huddle for workflow. If using Bluebeam to stamp, update both dropdowns to be TBlk-Stamp_No Stamp.

Load stamps to Revit Project
Save this family as use the naming convention **TBlk-Stamp_<subname>**. Load the family into the project. Edit type and place the stamp you want to see on the drawing in Part 1 family. Load the family into the **PROJECT**. The family will have two dropdowns, see Huddle for the Revit type dropdown, See Huddle for workflow.

FOR REVIEW
NOT FOR PERMIT OR CONSTRUCTION

SHEET INFORMATION

Issued	Scale
10/20/26	1/4" = 1'-0"

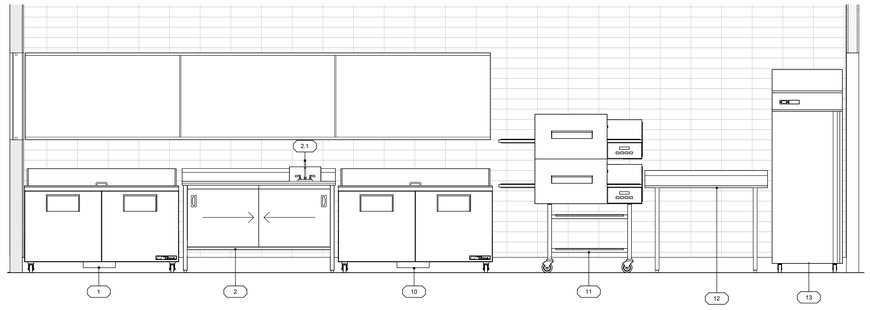
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100% CD - ADDENDUM 2

Drawn By	Checked By
DRW	CHK

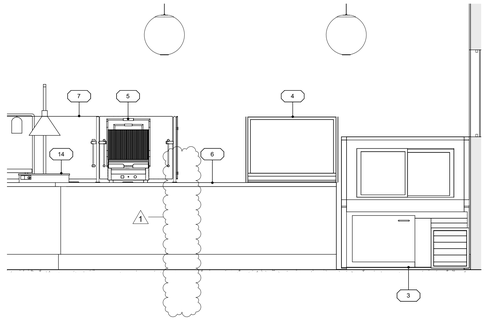
Drawing Title
FOODSERVICE SPECIAL CONDITIONS PLAN

Drawing Number
QF401

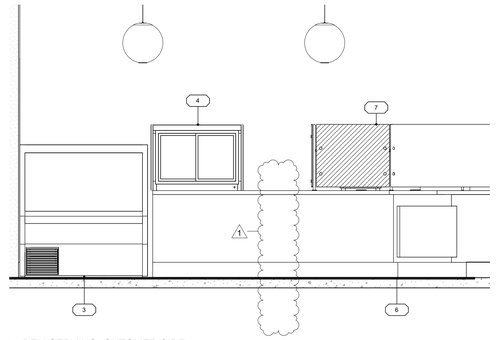
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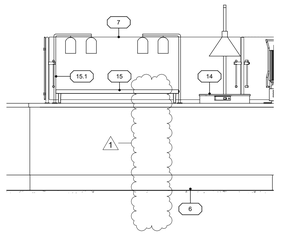
1 DELI/PIZZA PREP AND COOKLINE
1/2" = 1'-0"



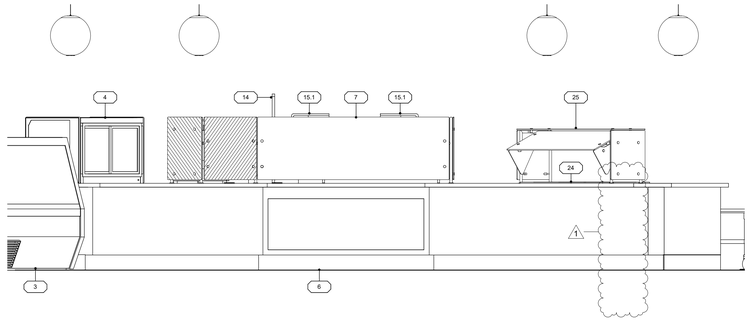
2 DELI SERVING - EMPLOYEE SIDE
1/2" = 1'-0"



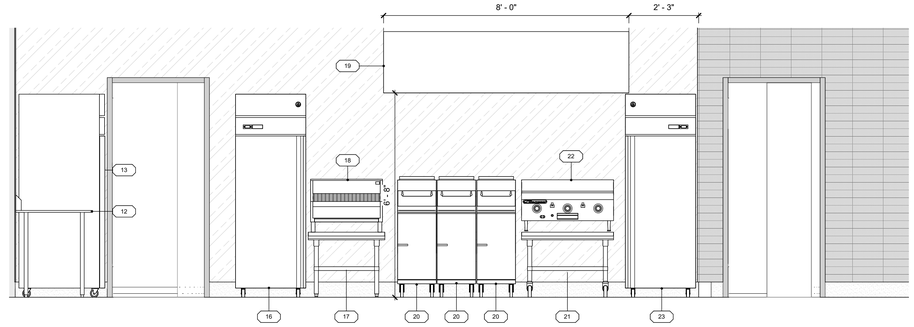
3 DELI SERVING- CUTOMER SIDE
1/2" = 1'-0"



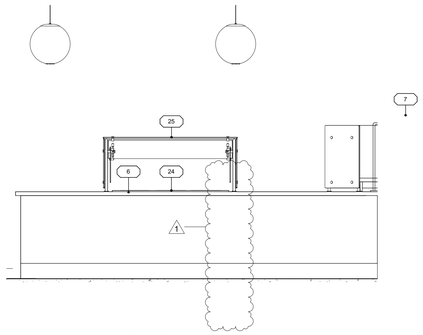
4 PIZZA SERVING- EMPLOYEE SIDE
1/2" = 1'-0"



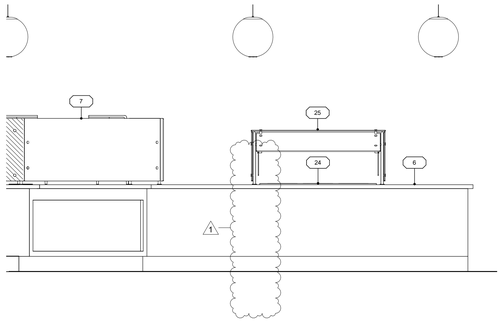
5 PIZZA SERVING - CUSTOMER SIDE
1/2" = 1'-0"



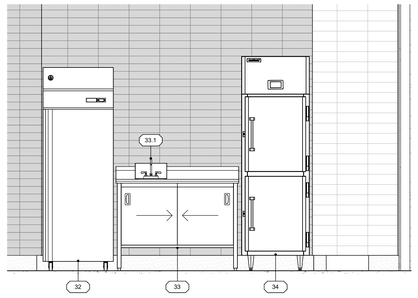
6 GRILL STATION - COOKLINE
1/2" = 1'-0"



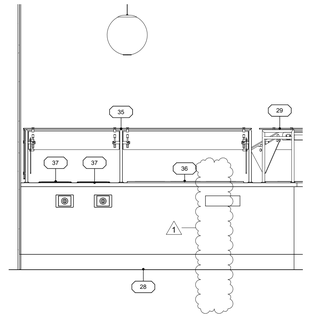
7 GRILL SERVING- EMPLOYEE SIDE
1/2" = 1'-0"



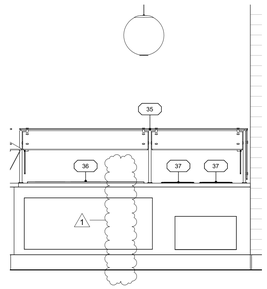
8 GRILL SERVING- CUSTOMER SIDE
1/2" = 1'-0"



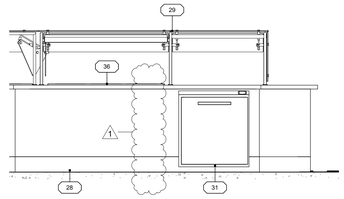
9 TRADITIONS STATION - PREP
1/2" = 1'-0"



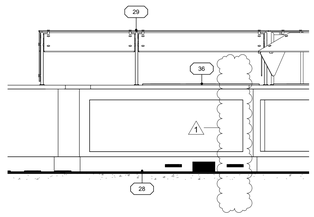
10 TRADITIONS SERVING - EMPLOYEE SIDE ONE
1/2" = 1'-0"



11 TRADITIONS SERVING- CUSTOMER SIDE ONE
1/2" = 1'-0"



12 TRADITIONS SERVING - EMPLOYEE SIDE TWO
1/2" = 1'-0"



13 TRADITIONS SERVING - CUSTOMER SIDE TWO
1/2" = 1'-0"

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10/20/2026 9:35:04 AM

-To Set Office Location -
Select Family, Edit type properties.
Check the box next to correct office location.
See huddle.cplteam.com for more info.

In the Type properties there is a ClientConsultant_Logo dropdown. Most projects will use TBlk-Logo_NoLogo for an empty box to start.

Hit Tab to select this family. Right Click edit family, save as using the naming convention below. Create a logo family for the project. New family is loaded in to **PROJECT** not Titleblock.

When Client or Consultant Logos are Required/needed teams can contact Bot managers for assistance with creation of required logo families.

Naming convention
TBlk-Logo_Project-<ProjectName>

Notes
- This space is 2.5" x 2.5".
- The more logos used in this area, the smaller each logo will be.

PROJECT INFORMATION

Project Number
PROJ#

Client Name
Owner

Project Name
BREAKERS - LAKELAND COMMUNITY COLLEGE

Project Address
7700 Clocktower Dr, Kirtland, OH 44094

PROJECT ISSUE & REVISION SCHEDULE

#	Date	Description
1	10/20/26	Addendum 2

PROFESSIONAL STAMPS
Delete this if you don't have any stamps.

Option 1: One principal will stamp all drawings in the project in the upper box and a discipline specific licensed professional stamps the lower box. Use the drop downs to choose the correct stamps loaded into the project.

Stamp in Bluebeam or Stamp in Revit

Apply Stamps in Bluebeam
The stamps can be applied in Bluebeam Extreme using the Batch Stamping function. 100 drawings can be stamped in about 30 seconds. See Huddle for workflow. If using Bluebeam to stamp, update both dropdowns to be TBlk-Stamp_No Stamp.

Load stamps to Revit Project
Follow the naming convention **TBlk-Stamp_<Authority or Role>_<Stamp Name>**. Load the stamp you want to see on the drawing in Plot family. Load the family into the **PROJECT**. The family will now be available as an option in the title block type dropdown. See Huddle for workflow.

Option 2: The project is in North Carolina and South Carolina. A corporate stamp for the upper box is preloaded in the title block. Use the drop downs to choose the correct stamps for the project.

Stamp in Bluebeam or Stamp in Revit

Apply Stamps in Bluebeam
The stamps can be applied in Bluebeam Extreme using the Batch Stamping function. 100 drawings can be stamped in about 30 seconds. See Huddle for workflow. If using Bluebeam to stamp, update both dropdowns to be TBlk-Stamp_No Stamp.

Load stamps to Revit Project
Follow the naming convention **TBlk-Stamp_<Authority or Role>_<Stamp Name>**. Load the stamp you want to see on the drawing in Plot family. Load the family into the **PROJECT**. The family will now be available as an option in the title block type dropdown. See Huddle for workflow.

Option 3: One principal will stamp all drawings in the project in the upper box and a discipline specific licensed professional stamps the lower box. Use the drop downs to choose the correct stamps loaded into the project.

Stamp in Bluebeam or Stamp in Revit

Apply Stamps in Bluebeam
The stamps can be applied in Bluebeam Extreme using the Batch Stamping function. 100 drawings can be stamped in about 30 seconds. See Huddle for workflow. If using Bluebeam to stamp, update both dropdowns to be TBlk-Stamp_No Stamp.

Load stamps to Revit Project
Follow the naming convention **TBlk-Stamp_<Authority or Role>_<Stamp Name>**. Load the stamp you want to see on the drawing in Plot family. Load the family into the **PROJECT**. The family will now be available as an option in the title block type dropdown. See Huddle for workflow.

FOR REVIEW
NOT FOR PERMIT OR CONSTRUCTION

SHEET INFORMATION

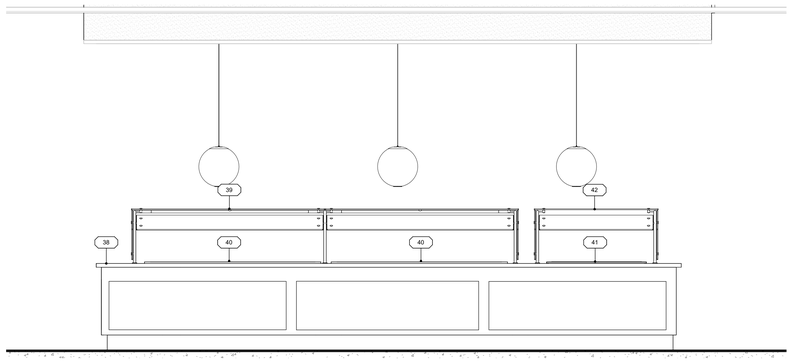
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10/20/26	1/2" = 1'-0"

Project Status
100% CD - ADDENDUM 2

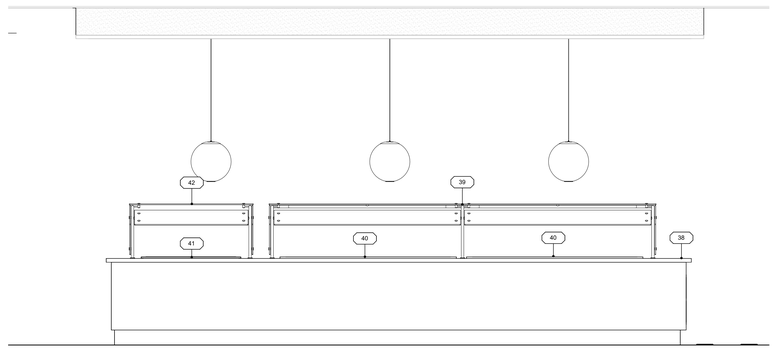
Drawn By	Checked By
DRW	CHK

Drawing Title
FOODSERVICE ELEVATIONS

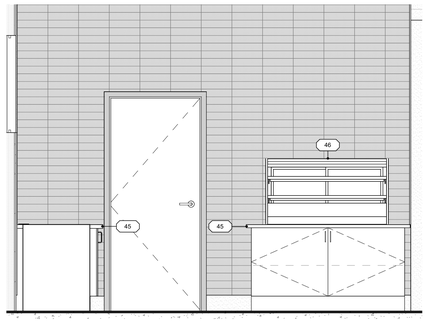
Drawing Number
QF502



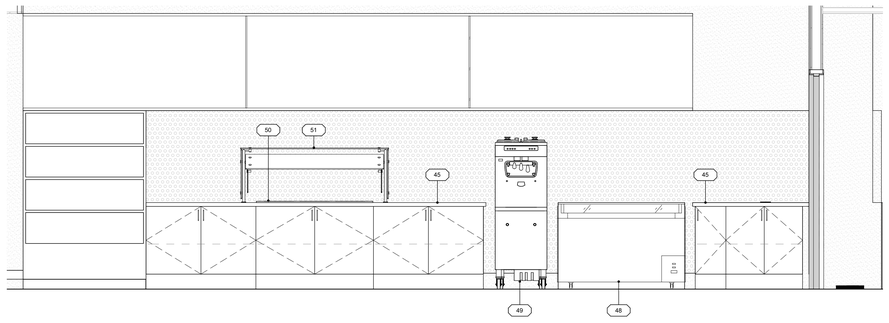
1 SALAD BAR/DESSERT STATION
1/2" = 1'-0"



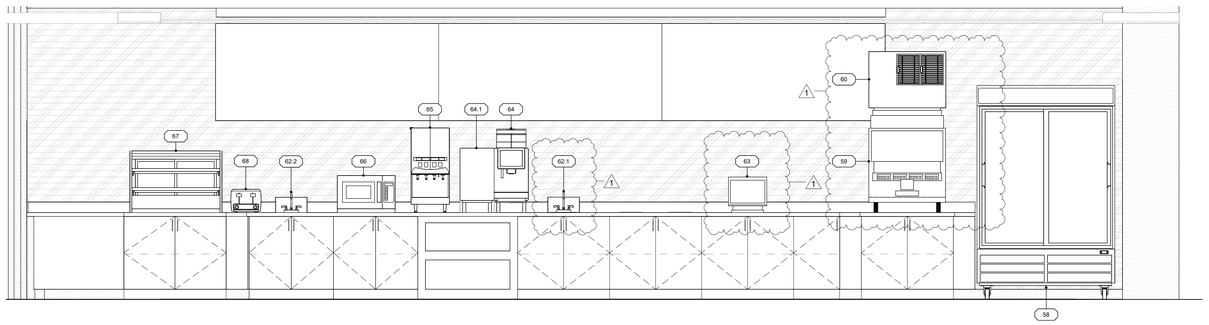
2 SALAD/DESSERT BAR TWO
1/2" = 1'-0"



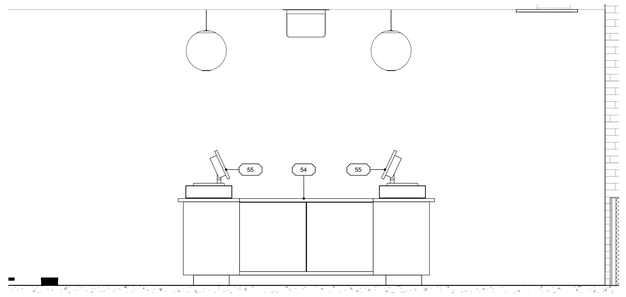
3 BAKERY
1/2" = 1'-0"



4 BAKERY/SOFT SERVE
1/2" = 1'-0"



5 COFFEE/BEVERAGE STATION
1/2" = 1'-0"



6 CASHIER STATION
1/2" = 1'-0"

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10/20/2026 9:35:08 AM

-To Set Office Location -
Select Family, Edit type properties.
Check the box next to correct office location.
See huddle.cplteam.com for more info.

In the Type properties there is a Client/Consultant_Logo dropdown. Most projects will use TBlk-Logo_NoLogo for an empty box to start.

Hit Tab to select this family. Right Click edit family, save as using the naming convention below. Create a logo family for the project. New family is loaded in to **PROJECT** not Titleblock.

When Client or Consultant Logos are Required/needed teams can contact Bot managers for assistance with creation of required logo families.

Naming convention
TBlk-Logo_Project-<ProjectName>

Notes
- This space is 2.5" x 2.5".
- The more logos used in this area, the smaller each logo will be.

PROJECT INFORMATION

Project Number
PROJ#

Client Name
Owner

Project Name
BREAKERS - LAKELAND COMMUNITY COLLEGE

Project Address
7700 Clocktower Dr, Kirtland, OH 44094

PROJECT ISSUE & REVISION SCHEDULE

#	Date	Description
1	10/20/26	Addendum 2

PROFESSIONAL STAMPS

Generally, most projects have two stamps.

Option 1: One principal will stamp all drawings in the project in the upper box. Use this option if only one licensed professional stamps the lower box. Use the drop down to choose the correct stamp loaded into the project.

Option 2: The project is in North Carolina and South Carolina. A corporate registered in NC/SC will be selected in the title block. Use the drop down to choose the correct stamps for the project.

Stamp in Bluebeam or Stamp in Revit

Apply Stamps in Bluebeam
The stamps can be applied in Bluebeam using the batch stamping function. Still drawing can be stamped in about 30 seconds. See huddle for workflow. If using Bluebeam to stamp, make sure the stamps have no Title Stamp, No Stamp.

Load stamps to Revit Project
Save the family as per the naming convention **TBlk-Stamp_<subname>** (**<subname>** is optional). Load into the family into the **PROJECT** file family will be available as a choice from the title block type dropdown. See huddle for workflow.



SHEET INFORMATION

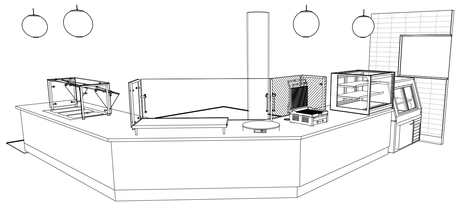
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10/20/26	1/2" = 1'-0"

Project Status
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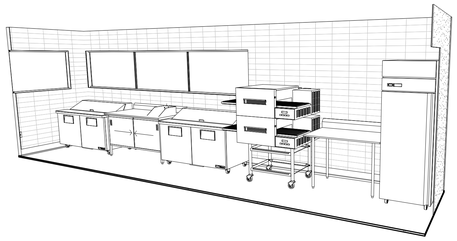
Drawn By	Checked By
DRW	CHK

Drawing Title
FOODSERVICE ELEVATIONS

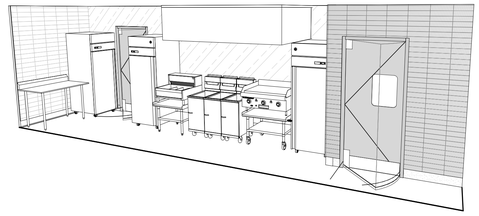
Drawing Number
QF503



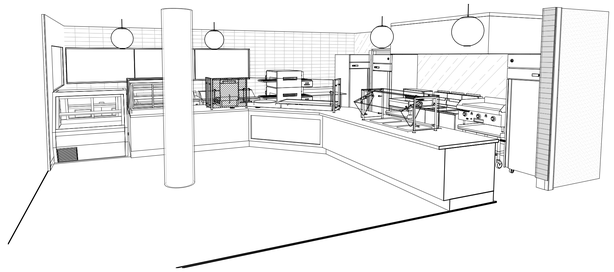
DELI/PIZZA STATION EMPLOYEE SIDE 3D VIEW
Not to Scale



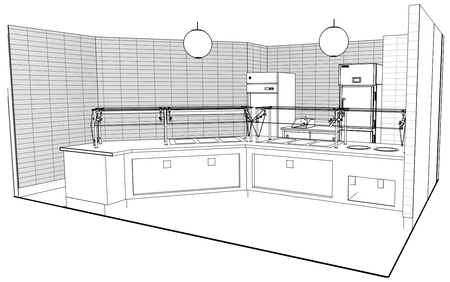
DELI/PIZZA STATION 3D VIEW
Not to Scale



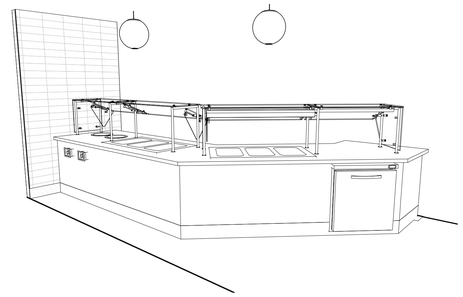
GRILL COOKLINE 3D VIEW
Not to Scale



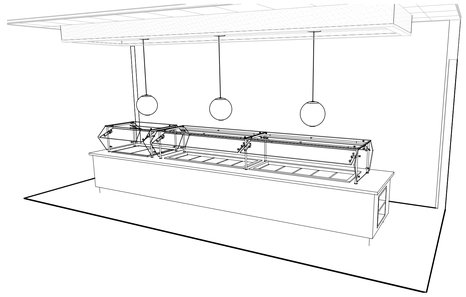
DELI/PIZZA/GRILL SERVING STATIONS CUSTOMER SIDE 3D VIEW
Not to Scale



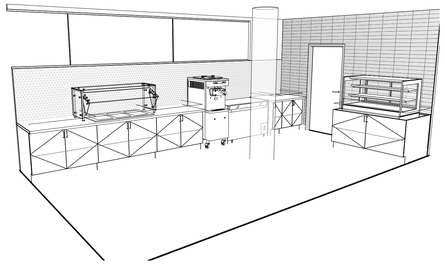
TRADITIONS STATION CUSTOMER SIDE 3D VIEW
Not to Scale



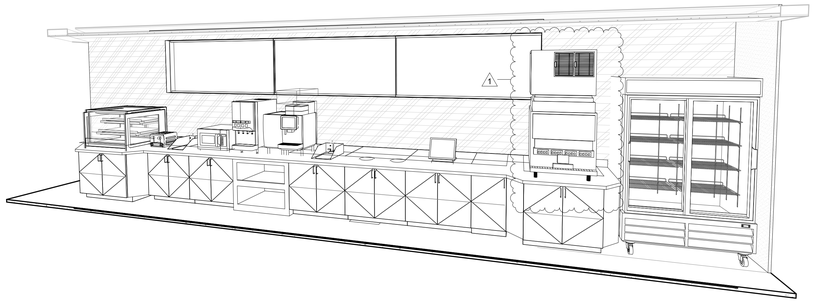
TRADITIONS STATION EMPLOYEE SIDE 3D VIEW
Not to Scale



SALAD BAR COUNTER 3D VIEW
Not to Scale



BAKERY/SOFT SERVE 3D VIEW
Not to Scale



COFFEE/BEVERAGE AREA 3D VIEW
Not to Scale

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-To Set Office Location -
Select Family. Edit type properties.
Check the box next to correct office location.
See huddle.cplteam.com for more info.

In the Type properties there is a ClientConsultant_Logo dropdown. Most projects will use TBlk-Logo_NoLogo for an empty box to start.

Hit Tab to select this family. Right Click edit family, save as using the naming convention below. Create a logo family for the project. New family is loaded in to **PROJECT** not TitleBlock.

When Client or Consultant Logos are Required/needed teams can contact Bot managers for assistance with creation of required logo families.

Naming convention
TBlk-Logo_Project-<ProjectName>

Notes
- This space is 2.5" x 2.5".
- The more logos used in this area, the smaller each logo will be.

PROJECT INFORMATION

Project Number
PROJ#

Client Name
Owner

Project Name
BREAKERS - LAKELAND COMMUNITY COLLEGE

Project Address
7700 Clocktower Dr, Kirtland, OH 44094

PROJECT ISSUE & REVISION SCHEDULE

#	Date	Description
1	10/20/26	Addendum 2

PROFESSIONAL STAMPS
Select the .rfa in the family that contains the stamps.

Option 1: One principal will stamp all drawings in the project in the upper box and a discipline specific licensed professional stamps the lower box. Use the drop downs to choose the correct stamps loaded into the project.

Stamp in Bluebeam vs Stamp in Revit

Apply Stamps in Bluebeam
The stamps can be applied in Bluebeam. Extreme using the Batch Stamping function. 120 drawings can be stamped in about 30 seconds. See Huddle for workflow. If using Bluebeam to stamp, update both dropdowns to be TBlk-Stamp_No Stamp.

Load stamps to Revit Project
Save this family to use the naming convention **TBlk-Stamp_<Author or <NoName>**
Load the stamp you want to see on the drawing in Plot Family. Load the family into the **PROJECT**. The family will now be available as an option in the file block from dropdown. See Huddle for workflow.

Option 2: The project is in North Carolina and South Carolina. A corporate stamp for the upper box is preloaded in the file block. Use the drop downs to choose the correct stamps for the project.

Option 3: One principal will stamp all drawings in the project in the upper box and a discipline specific licensed professional stamps the lower box. Use the drop downs to choose the correct stamps loaded into the project.

Stamp in Bluebeam vs Stamp in Revit

Apply Stamps in Bluebeam
The stamps can be applied in Bluebeam. Extreme using the Batch Stamping function. 120 drawings can be stamped in about 30 seconds. See Huddle for workflow. If using Bluebeam to stamp, update both dropdowns to be TBlk-Stamp_No Stamp.

Load stamps to Revit Project
Save this family to use the naming convention **TBlk-Stamp_<Author or <NoName>**
Load the stamp you want to see on the drawing in Plot Family. Load the family into the **PROJECT**. The family will now be available as an option in the file block from dropdown. See Huddle for workflow.

FOR REVIEW
NOT FOR PERMIT OR CONSTRUCTION

SHEET INFORMATION

Issued
10/20/26

Scale

Project Status
100% CD - ADDENDUM 2

Drawn By
DRW

Checked By
CHK

Drawing Title
FOODSERVICE 3D VIEWS/ELEVATIONS

Drawing Number
QF504