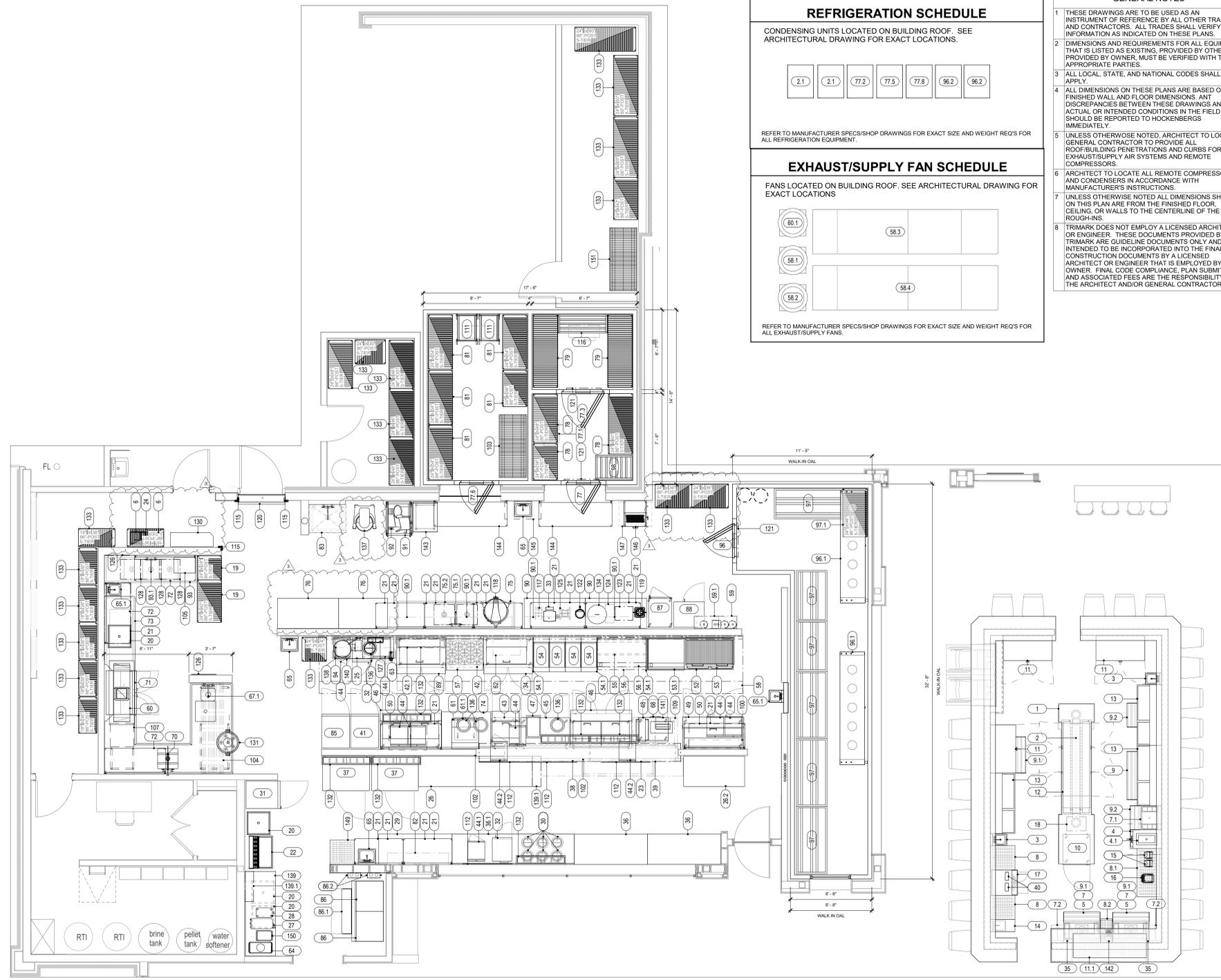


**FOODSERVICE EQUIPMENT SCHEDULE**

ITEM NO.	QTY.	DESCRIPTION	REMARKS
1	1	CENTER ISLAND OF BAR	
2	1	BEER SYSTEM	
2.1	2	REMOTE COMPRESSOR, GLYCOL UNITS	
3	2	SPACE SAVER HAND SINK	
4	1	FROZEN DRINK MACHINE	
4.1	1	STAINLESS STEEL DOLLY W/ BUMPERS	
5	2	SODA GUN- BY OTHERS	BY OTHERS
6	2	CARBONATORS- BY OTHERS	BY OTHERS
7	2	UNDERBAR ICE CHEST- 36"	
7.1	1	UNDERBAR ICE CHEST- 24"	
7.2	1	ICE BINS & SHELF	
8	2	UNDERBAR DRAINBOARD- 24"	
8.1	1	UNDERBAR DRAINBOARD- 48"	
8.2	2	UNDERBAR DRAINBOARD- 12"	
9	1	UNDERBAR SPEED RAIL- 48"	
9.1	3	UNDERBAR SPEED RAIL- 36"	
9.2	2	UNDERBAR SPEED RAIL- 24"	
10	1	UNDERCOUNTER REFRIGERATOR	
11	3	BACK BAR CABINET- 48"	
11.1	1	DRAIN PAN, 24" X 64"	
12	1	PASS-THRU BACK BAR COOLER- 82"	
13	3	FROSTERS W/ CHILLERS- 60"	
14	1	DUMP SINK	
15	2	BAR/DRINK MIXER	
16	1	BAR BLENDER	
17	1	UNDERCOUNTER GLASSWASHER	
18	1	UNDERCOUNTER WINE COOLER- 18 BOTTLE	
19	2	SHELVING UNIT, 5 TIER, 86" GREEN EPOXY (1) 24" X 42" & (1) 24" X 24"	
20	5	DOLLY DISH RACKS	
21	17	WALL MOUNTED SHELVING (SOME STACKED)	
22	1	SODA/ICE DISPENSER- BY OTHERS, 32" WIDE	BY OTHERS
23	1	ICE PAN & SHELF	
24	1	STORAGE SHELVING- 5 TIER, 86" POSTS, GREEN EPOXY	
25	1	MICROWAVE SHELF- 20" X 60"	
26	1	STAINLESS STEEL WORKTABLE- 30" X 112"	
26.2	1	STAINLESS STEEL WORKTABLE- 30" X 60"	
27	1	COFFEE BREWER - BY OTHERS	BY OTHERS
28	1	ICED TEA BREWER- BY OTHERS	BY OTHERS
29	1	STAINLESS STEEL WORKTABLE- 30" X 96"	
30	6	INDUCTION RETHERMALIZER DROP-IN	
31	1	REFRIGERATOR, REACH-IN GLASS DOOR	
32	2	MICROWAVE CONVECTION OVEN	
33	1	FOOD PROCESSOR	
34	1	SANDWICH/SALAD PREP REFRIGERATOR- 48"	
35	2	CONDIMENT PAN HOLDERS FOR ICE BINS	
36	2	WORK TABLE, 30" X 72"	
36.1	1	WORK COUNTER, 30" X 120"	
37	2	WORKTOP REFRIGERATOR, 48"	
38	1	PASS-THRU WITH OVERSHELF	
39	3	HEAT LAMP- 108" DUAL TANDEM	
40	2	SS PAPER TOWEL DISPENSER	
41	1	REACH-IN REFRIGERATOR	
42	1	EQUIPMENT STAND W/ CASTERS- 36"	
42.1	1	WALL MOUNTED SS SHELVING - 48" AFF	
43	1	27" MEGATOP COOLER	
44	7	MICROWAVE OVEN	
44.1	1	MICROWAVE OVEN	
44.2	2	MICROWAVE OVEN	
45	1	UNDERCOUNTER FREEZER W/ CUTTING BOARD TOP	
46	2	SANDWICH/SALAD PREP REFRIGERATOR- 60"	
47	2	FOOD WARMER (1) NOT SHOWN	
48	1	FRENCH FRY WARMER	
49	1	SANDWICH/SALAD PREP REFRIGERATOR- 60"	
50	2	MICROWAVE SHELF, (1) 36, (1) 54"	
51	1	DOLLY DISH RACKS	
52	1	REFRIGERATED EQUIPMENT BASE STAND	
53	1	CHARBROILER, GAS- 48"	
53.1	1	GRIDDLES, 36"	
54	4	FRYER W/ CASTERS & GAS HOSES	
54.1	3	SPLASH SHIELD	
55	1	CHEESE MELTER, GAS- 48"	
56	1	GRIDDLE, GAS- 48"	
56.1	1	GRIDDLE STAND	
57	1	6 BURNER COUNTERTOP RANGE	
58	1	EXHAUST HOOD	
58.1	1	ROOF MOUNTED EXHAUST FAN	
58.2	1	ROOF MOUNTED EXHAUST FAN	
58.3	1	MUA UNIT	
58.4	1	MUA UNIT	
59	1	FIRE SUPPRESSION SYSTEM	
59.1	1	EXHAUST/MUA CONTROL PANEL	
60	1	PANT LEG DUCT	
60.1	1	ROOF MOUNTED EXHAUST FAN	
61	1	CHIP WARMER	
61.1	1	EQUIPMENT DOLLY	
62	1	WALL MOUNTED SHELF- 18" X 27"	
63	1	CAN OPENER	
64	1	TRASH CAN- BY OTHERS	BY OTHERS
65	3	HAND SINK	
65.1	2	SPACE SAVER HAND SINK	
66	1	SPARE NUMBER	NOT SHOWN
67	1	SOILED DISHTABLE W/ PRE-RINSE SINK	
67.1	1	SOILED DISHTABLE FAUCET	
68	1	WARMING DRAWER	
69	3	SMOKER POLES (NOT SHOWN)	
70	1	PRE-RINSE FAUCET ASSEMBLY	
71	1	CONVEYOR DISHWASHER - FURNISHED BY OWNER	BY OWNER
72	3	WALL MOUNTED SHELVING (SOME STACKED)	
73	1	CLEAN DISHTABLE	
74	1	SS WORKTABLE- 30" X 36"	
75	1	2-COMPARTMENT SINK	
75.1	1	FAUCET	
76	2	WORKTABLES (1) 30" X 60" AND (1) 30" X 48"	
77	1	WALK-IN COOLER	
77.1	1	COOLER EVAPORATOR	
77.2	1	COOLER COMPRESSOR- REMOTE	
77.3	1	WALK-IN FREEZER	
77.4	1	FREEZER EVAPORATOR	
77.5	1	FREEZER COMPRESSOR- REMOTE	
77.6	1	WALK-IN COOLER	
77.7	1	COOLER EVAPORATOR	
77.8	1	COOLER COMPRESSOR- REMOTE	
77.9	1	WALK-IN FREEZER HEAT TAPE - NOT SHOWN ON DRAWING	
78	3	WALK-IN COOLER SHELVING, 5 TIER, 86" GREEN EPOXY	
79	2	WALK-IN FREEZER SHELVING- 5 TIER, 86" GREEN EPOXY	
80	1	SPARE NUMBER	
81	5	WALK-IN COOLER SHELVING - 5 TIER, 86" GREEN EPOXY	
82	1	WALL MOUNTED SHELF- 12" X 48"	
83	1	MOP SINK- BY GC	BY GC
83.1	1	MOP SINK FAUCET- BY GC	BY GC
85	1	REACH-IN FREEZER	
86	2	ICE MACHINE	
86.1	1	ICE BIN	
86.2	2	WATER FILTER	
87	1	COOK & HOLD OVEN, SMOKER	
88	1	DOUBLE STACK CONVECTION OVEN	
89	1	SANDWICH/SALAD PREP REFRIGERATOR- 48"	
90	2	SS WORKTABLE- 30" X 60"	
90.1	4	WALL MOUNTED SHELF- 12" X 60"	
91	1	CAN RACK	
92	1	ELECTRIC FOOD SLICER	
93	1	THREE COMPARTMENT SINK W/ DRAINBOARDS	
93.1	1	FAUCET	



**FOODSERVICE EQUIPMENT PLAN**

1/4" = 1'-0"

**FOODSERVICE EQUIPMENT SCHEDULE**

ITEM NO.	QTY.	DESCRIPTION	REMARKS
94	1	WALL MOUNTED SHELF- 12" X 60"	
95	2	SPLASH SHIELD	
96	1	WALK-IN KEG COOLER	
96.1	2	BEER COOLER EVAPORATORS	
96.2	2	BEER COOLER COMPRESSOR - GLYCOL UNITS	
97	6	KEG RACK	
97.1	1	SHELVING UNIT, 5 TIER, 86" GREEN EPOXY (1) 24" X 42" & (1) 24" X 24"	
98	1	DUNNAGE RACK- 24" X 36"	
99	1	STAINLESS STEEL WALL PANELING, 7' L TO R, FLOOR TO CEILING	
100	1	WALL MOUNTED SHELF- 9" X 54"	
101	1	SPARE NUMBER	
102	2	HEAT LAMP HANGING SYSTEM	
103	1	SECURITY CAGE, 60"	
104	1	DOUBLE SLANTED RACK SHELF	
105	1	SLANTED RACK SHELF	
105-106	1	SPARE NUMBER	
107	1	ELECTRIC BOOSTER HEATER	
108	2	WALL SHELVES, LID STORAGE UNITS, STACKED	
109	1	WORKTABLE- 30" X 45"	
110	6	MOP & BROOM WALL RACKS - NOT SHOWN	NOT SHOWN
111	3	BUN / SHEET PAN RACK - (1) NOT SHOWN	(1) NOT SHOWN
112	4	TICKET RACK- 48"	
113-114	1	SPARE NUMBER	
115	3	CORNER GUARD	
116	1	DUNNAGE RACK- 18" X 48"	
117	1	FRUIT/VEGETABLE SLICER, CUTTER, DICER- BY OTHERS	(1) NOT SHOWN BY OTHERS
118	1	SALAD DRYER	
119	1	FOOD BLENDER	
120	1	BACK DOOR AIR CURTAIN	
121	3	DOOR STRIP CURTAINS	

**FOODSERVICE EQUIPMENT SCHEDULE**

ITEM NO.	QTY.	DESCRIPTION	REMARKS
122	1	ELECTRIC JUICER	
123	1	WEDGER- BY OTHERS	BY OTHERS
124	1	TOMATO SLICER- BY OTHERS	BY OTHERS
125	1	FRUIT/VEGETABLE DICER- BY OTHERS	BY OTHERS
126	2	PEG BOARD- 24" X 48"	
127	1	DIPPER WELL	
128	5	SINK COVERS (2) AT 2 COMP, (3) AT 3 COMP	
129	1	SPARE NUMBER	
130	1	WALL MOUNT SHELF - EMPLOYEE STATION	
131	1	TRASH RECEPTACLE - BY OTHERS	BY OTHERS
132	18	SLANTED PAN SHELF - (2) NOT SHOWN	(2) NOT SHOWN
133	18	STORAGE SHELVING- 5 TIER, 86" POSTS, GREEN EPOXY	
134	1	RICE COOKER- BY OTHERS	BY OTHERS
135	1	SPARE NUMBER	
136	4	COUNTERTOP RETHERMALIZER	
137	1	30 QT. FLOOR MIXER	
138	1	WORKTOP- 30" X 60", WITH OFFSET TOP	
139	1	WORK TABLE	
139.1	2	PAN SHELF, 30"	
140	1	TILT KETTLE	
141	1	ELECTRIC CONVEYOR TOASTER	
142	1	BAR GLASS RINSER	
143	1	STAINLESS STEEL WORKTABLE- 30" X 24"	
144	2	WALL MOUNTED SHELF- 24" X 72"	
145	1	CUSTOM MICROWAVE SHELF- 36"	
146	1	BREAD SLICER	
147	1	PORTABLE BREAD SLICER STAND	
148	1	SPARE NUMBER	
149	1	DRAINBOARD UNIT W/ RACK STORAGE	
150	1	REFRIGERATED BEVERAGE DISPENSER, BUBBLER	
151	1	SECURITY CAGE, 60"	

**REFRIGERATION SCHEDULE**

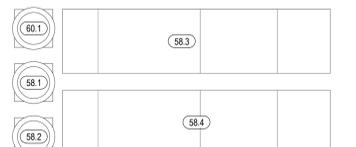
CONDENSING UNITS LOCATED ON BUILDING ROOF. SEE ARCHITECTURAL DRAWING FOR EXACT LOCATIONS.



REFER TO MANUFACTURER SPECS/SHOP DRAWINGS FOR EXACT SIZE AND WEIGHT REQ'S FOR ALL REFRIGERATION EQUIPMENT.

**EXHAUST/SUPPLY FAN SCHEDULE**

FANS LOCATED ON BUILDING ROOF. SEE ARCHITECTURAL DRAWING FOR EXACT LOCATIONS.



REFER TO MANUFACTURER SPECS/SHOP DRAWINGS FOR EXACT SIZE AND WEIGHT REQ'S FOR ALL EXHAUST/SUPPLY FANS.

**GENERAL NOTES**

- THESE DRAWINGS ARE TO BE USED AS AN INSTRUMENT OF REFERENCE BY ALL OTHER TRADES AND CONTRACTORS. ALL TRADES SHALL VERIFY THE INFORMATION AS INDICATED ON THESE PLANS.
- DIMENSIONS AND REQUIREMENTS FOR ALL EQUIPMENT THAT IS LISTED AS EXISTING, PROVIDED BY OTHERS OR PROVIDED BY OWNER, MUST BE VERIFIED WITH THE APPROPRIATE PARTIES.
- ALL LOCAL, STATE, AND NATIONAL CODES SHALL APPLY.
- ALL DIMENSIONS ON THESE PLANS ARE BASED ON FINISHED WALL AND FLOOR DIMENSIONS, AND DISCREPANCIES BETWEEN THESE DRAWINGS AND ACTUAL OR INTENDED CONDITIONS IN THE FIELD SHOULD BE REPORTED TO HOCKENBERGS IMMEDIATELY.
- UNLESS OTHERWISE NOTED, ARCHITECT TO LOCATE, GENERAL CONTRACTOR TO PROVIDE ALL ROOF/BUILDING PENETRATIONS AND CURBS FOR EXHAUST/SUPPLY AIR SYSTEMS AND REMOTE COMPRESSORS.
- ARCHITECT TO LOCATE ALL REMOTE COMPRESSORS AND CONDENSERS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
- UNLESS OTHERWISE NOTED, ALL DIMENSIONS SHOWN ON THIS PLAN ARE FROM THE FINISHED FLOOR, CEILING, OR WALLS TO THE CENTERLINE OF THE ROUGH-INS.
- TRIMARK DOES NOT EMPLOY A LICENSED ARCHITECT OR ENGINEER. THESE DOCUMENTS PROVIDED BY TRIMARK ARE GUIDELINE DOCUMENTS ONLY AND ARE INTENDED TO BE INCORPORATED INTO THE FINAL CONSTRUCTION DOCUMENTS BY A LICENSED ARCHITECT OR ENGINEER THAT IS EMPLOYED BY THE OWNER. FINAL CODE COMPLIANCE, PLAN SUBMITTAL AND ASSOCIATED FEES ARE THE RESPONSIBILITY OF THE ARCHITECT AND/OR GENERAL CONTRACTOR.



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14603 W. 112th Street  
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Owner and all Contractors to check and verify existing dimensions and conditions in the field before starting construction and to notify TriMark of any material or detail changes.

**REVISIONS**

DATE	NO.	DESCRIPTION
2025.02.11	1	MEP Layout
2025.02.24	2	MEP Updated layout
2026.02.18	3	CCD #3 ARCH REVISIONS

**FIVE FOUR**

301 SW OLDHAM PARKWAY  
LEE'S SUMMIT, MO

**PROJECT PHASE:**

FOODSERVICE EQUIPMENT

DATE:	PROJECT #:
11/12/2024	2024136
DRAWN BY:	APPROVED BY:
JLH	NLB

**SHEET TITLE:**

FOODSERVICE EQUIPMENT PLAN

**SHEET NUMBER:**

QF101

ISSUE FOR CONSTRUCTION  
01/26/2026

**REVISIONS**

DATE	NO.	DESCRIPTION
2025.02.11	1	MEP Layout
2025.02.24	2	MEP Updated layout
2025.02.18	3	CCD#3 ARCH REVISIONS

**PLUMBING LEGEND**

- HW HOT WATER
- HS HOT WATER - SOFTENED
- CW COLD WATER
- CS COLD WATER - SOFTENED
- F FILTERED WATER
- DW DIRECT WASTE
- FS FLOOR SINK - THREE-QUARTER GRATE
- HS FLOOR SINK - HALF GRATE
- FN FLOOR SINK - NO GRATE
- FD FLOOR DRAIN
- FF FUNNEL FLOOR DRAIN
- HFD HUB FLOOR DRAIN
- AFD AREA FLOOR DRAIN - SLOPED PER CODE
- GD GAS DROP FROM MANIFOLD
- FSV FIRE SUPPRESSION GAS SHUT-OFF VALVE
- CHW CHILLED WATER
- CHR CHILLED WATER RETURN
- SS STEAM SUPPLY
- CR CONDENSATE RETURN

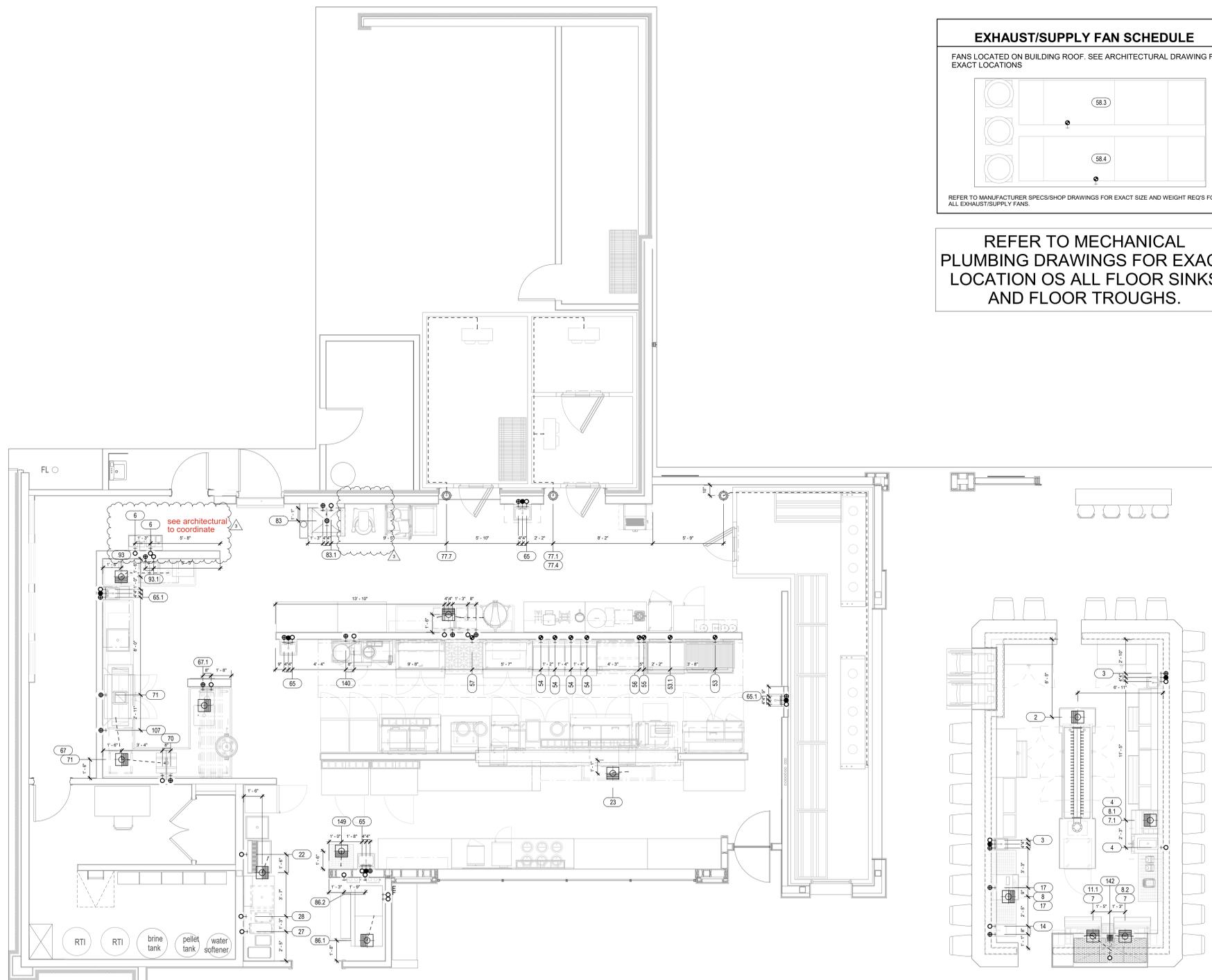
**EXHAUST/SUPPLY FAN SCHEDULE**

FANS LOCATED ON BUILDING ROOF. SEE ARCHITECTURAL DRAWING FOR EXACT LOCATIONS



REFER TO MANUFACTURER SPECS/SHOP DRAWINGS FOR EXACT SIZE AND WEIGHT REQ'S FOR ALL EXHAUST/SUPPLY FANS.

**REFER TO MECHANICAL PLUMBING DRAWINGS FOR EXACT LOCATION OS ALL FLOOR SINKS AND FLOOR TROUGHS.**



**PLUMBING ROUGH-IN PLAN**

1/4" = 1'-0"

**ISSUE FOR CONSTRUCTION**  
01/26/2026

**FOODSERVICE PLUMBING SCHEDULE**

ITEM NO.	QTY.	DESCRIPTION	HW SIZE	HW AFF	CW SIZE	CW AFF	DW SIZE	DW AFF	GAS SIZE	GAS AFF	GAS MBTU	PLUMBING REMARKS
2	1	BEER SYSTEM										IW: PC TO CONNECT WASTE LINE TO FLOOR SINK FROM (2) BEER TOWERS. VERIFY ROUGH-IN REQUIREMENTS W/ PURVEYOR
3	2	SPACE SAVER HAND SINK	1/2"	14"	1/2"	14"	1 1/2"	16"				STUB UP IN DIE WALL
4	1	FROZEN DRINK MACHINE			1/2"	14"						IW: PC TO CONNECT WASTE LINE TO FLOOR SINK
6	2	CARBONATORS - BY OTHERS			1/2"	14"						BY OTHERS. VERIFY ROUGH-IN REQUIREMENTS WITH PURVEYOR
7	2	UNDERBAR ICE CHEST- 36"			1/2"	72"						IW: PC TO CONNECT WASTE LINE TO FLOOR SINK
7.1	1	UNDERBAR ICE CHEST- 24"										IW: PC TO CONNECT WASTE LINE TO FLOOR SINK
7.2	2	ICE BINS & SHELF										
8	2	UNDERBAR DRAINBOARD- 24"										IW: PC TO CONNECT WASTE LINE TO FLOOR SINK
8.1	1	UNDERBAR DRAINBOARD- 48"										IW: PC TO CONNECT WASTE LINE TO FLOOR SINK
8.2	2	UNDERBAR DRAINBOARD- 12"										IW: PC TO CONNECT WASTE LINE TO FLOOR SINK
11.1	1	DRAIN PAN, 24" X 64"										IW: PC TO CONNECT WASTE LINE TO FLOOR SINK
14	1	DUMP SINK	1/2"	14"	1/2"	14"						IW: PC TO CONNECT WASTE LINE TO FLOOR SINK
17	1	UNDERCOUNTER GLASSWASHER	1/2"	14"								IW: PC TO CONNECT WASTE LINE TO FLOOR SINK
22	1	SODA/ICE DISPENSER - BY OTHERS, 32" WIDE			1/2"	24"						BY OTHERS. VERIFY ROUGH-IN REQUIREMENTS
23	1	ICE PAN & SHELF										IW: PC TO CONNECT WASTE LINE TO FLOOR SINK
27	1	COFFEE BREWER - BY OTHERS			3/8"	48"						VERIFY ALL ROUGH-IN REQUIREMENTS W/ PURVEYOR
28	1	ICED TEA BREWER - BY OTHERS			1/2"	48"						BY OTHERS. VERIFY ROUGH-IN REQUIREMENTS W/ PURVEYOR
53	1	CHARBROILER, GAS- 48"							3/4"	24"	150.0	KEC TO PROVIDE GAS QUICK DISCONNECT
53.1	1	GRIDDLES, 36"							3/4"	24"	90.0	KEC TO PROVIDE GAS QUICK DISCONNECT
54	4	FRYER W/ CASTERS & GAS HOSES							3/4"	24"	110.0	KEC TO PROVIDE GAS QUICK DISCONNECT
55	1	CHEESEMELTER, GAS- 48"							3/4"	24"	40.0	KEC TO PROVIDE GAS QUICK DISCONNECT
56	1	GRIDDLE, GAS- 48"							3/4"	24"	120.0	KEC TO PROVIDE GAS QUICK DISCONNECT
57	1	6 BURNER COUNTERTOP RANGE							3/4"	24"	192.0	KEC TO PROVIDE GAS QUICK DISCONNECT
58.3	1	MUA UNIT							3/4"		205.2	LOCATION TBD BY ARCHITECT. VERIFY ROUGH-IN REQUIREMENTS WITH PURVEYOR

**FOODSERVICE PLUMBING SCHEDULE**

ITEM NO.	QTY.	DESCRIPTION	HW SIZE	HW AFF	CW SIZE	CW AFF	DW SIZE	DW AFF	GAS SIZE	GAS AFF	GAS MBTU	PLUMBING REMARKS
58.4	1	MUA UNIT							3/4"		205.2	LOCATION TBD BY ARCHITECT. VERIFY ROUGH-IN REQUIREMENTS WITH PURVEYOR
65	3	HAND SINK	1/2"	14"	1/2"	14"	1 1/2"	16"				
65.1	2	SPACE SAVER HAND SINK										
67	1	SOILED DISHTABLE W/ PRE-RINSE SINK										IW: PC TO CONNECT WASTE LINE TO FLOOR SINK
67.1	1	SOILED DISHTABLE FAUCET	1/2"	14"	1/2"	14"						
70	1	PRE-RINSE FAUCET ASSEMBLY	1/2"	14"	1/2"	14"						
71	1	CONVEYOR DISHWASHER - FURNISHED BY OWNER	3/4"	60"								IW: PC TO CONNECT WASTE LINE TO FLOOR SINK
73	1	CLEAN DISHTABLE										IW: PC TO CONNECT WASTE LINE TO FLOOR SINK
75	1	2-COMPARTMENT SINK										IW: PC TO CONNECT WASTE LINE TO FLOOR SINK
75.1	1	FAUCET	1/2"	14"	1/2"	14"						
77.1	1	COOLER EVAPORATOR										IW: PC TO CONNECT WASTE LINE TO FUNNEL FLOOR DRAIN
77.4	1	FREEZER EVAPORATOR										IW: PC TO CONNECT WASTE LINE TO FUNNEL FLOOR DRAIN
77.7	1	COOLER EVAPORATOR										IW: PC TO CONNECT WASTE LINE TO FUNNEL FLOOR DRAIN
83	1	MOP SINK - BY GC					2"					STUB UP BY OTHERS. VERIFY ROUGH-IN REQUIREMENTS W/ PURVEYOR
83.1	1	MOP SINK FAUCET - BY GC	1/2"	36"	1/2"	36"						BY OTHERS. VERIFY ROUGH-IN REQUIREMENTS WITH PURVEYOR
86	2	ICE MACHINE										IW: PC TO CONNECT WASTE LINE TO FLOOR SINK
86.1	1	ICE BIN										IW: PC TO CONNECT WASTE LINE TO FLOOR SINK
86.2	2	WATER FILTER			1/2"	80"						VERIFY ROUGH-IN REQUIREMENTS WITH PURVEYOR
93.1	1	FAUCET	1/2"	14"	1/2"	14"						
96.1	2	BEER COOLER EVAPORATORS										IW: PC TO CONNECT WASTE LINE TO FUNNEL FLOOR DRAIN
107	1	ELECTRIC BOOSTER HEATER	3/4"	24"								PC TO CONNECT BOOSTER HEATER & CONNECT BOOSTER HEATER TO DISH MACHINE
140	1	TILT KETTLE	1/2"	24"	1/2"	24"						FILL FAUCET
142	1	BAR GLASS RINSER			1/2"	24"						IW: PC TO CONNECT WASTE LINE TO FLOOR SINK
149	1	DRAINBOARD UNIT W/ RACK STORAGE										IW: PC TO CONNECT WASTE LINE TO FLOOR SINK

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.

**FIVE FOUR**  
301 SW OLDHAM PARKWAY  
LEE'S SUMMIT, MO

**PROJECT PHASE:**  
FOODSERVICE EQUIPMENT

DATE	PROJECT #
11/12/2024	2024136

**DRAWN BY:** JLH **APPROVED BY:** NLB

**SHEET TITLE:**  
FOODSERVICE PLUMBING ROUGH-IN PLAN

**SHEET NUMBER:**

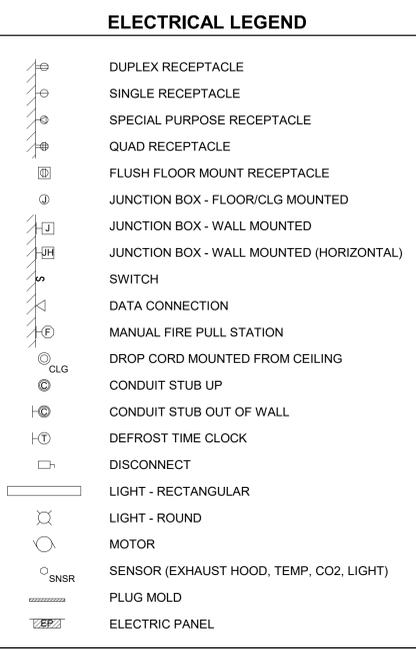
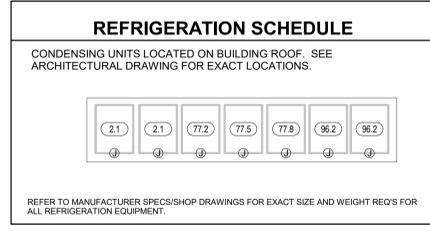
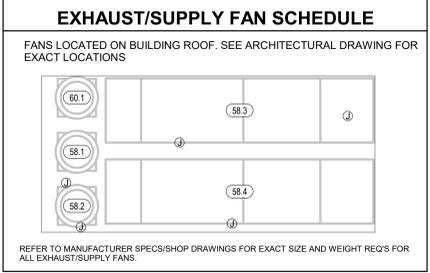
**QF201**

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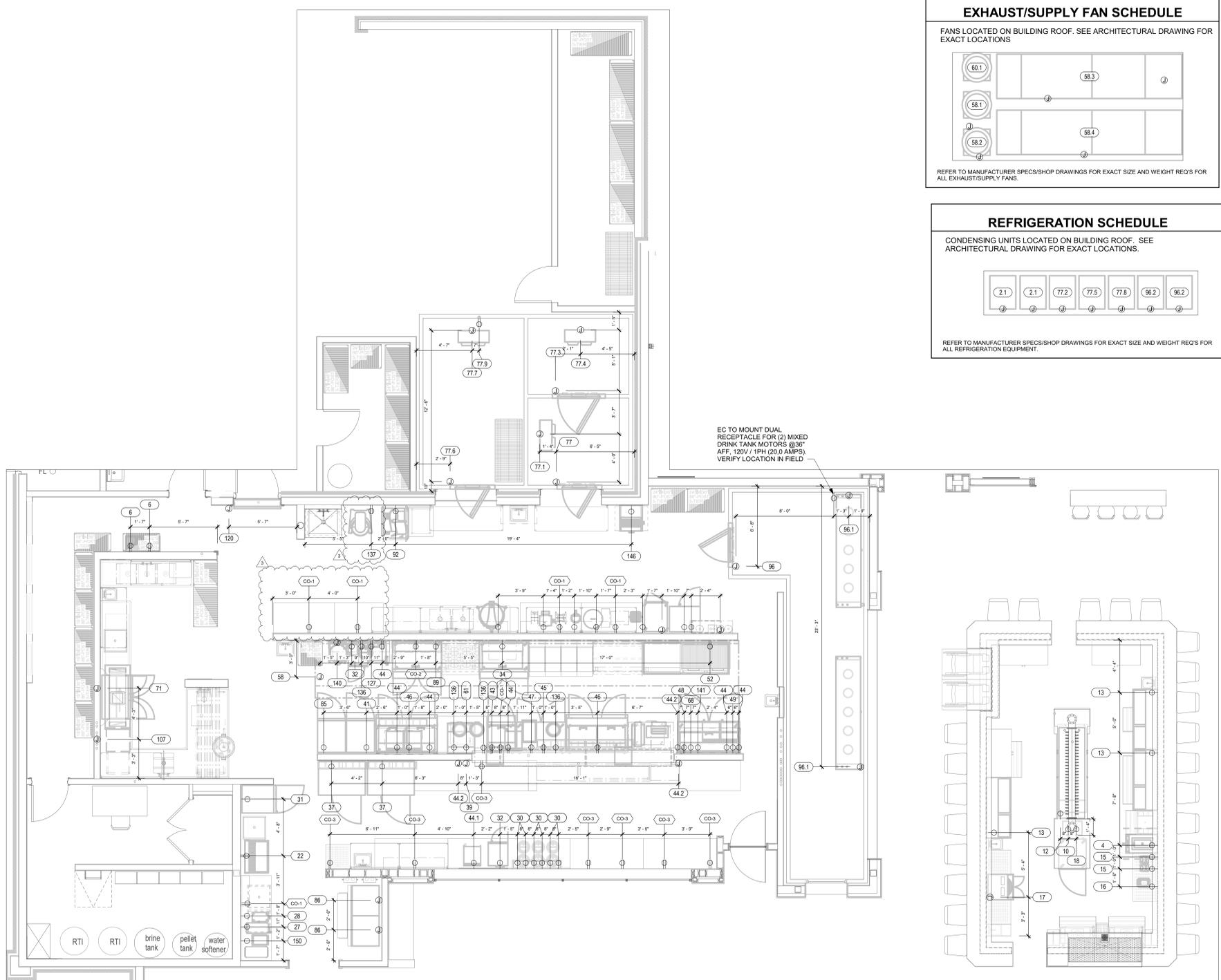
**REVISIONS**

DATE	NO.	DESCRIPTION
2025.02.11	1	MEP Layout
2025.02.24	2	MEP Updated layout
2026.02.18	3	CCD #3 ARCH REVISIONS



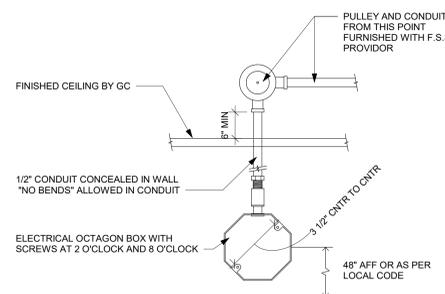
**ELECTRICAL NOTES (DIVISION 26)**

- NOTE: THE FOLLOWING ADDITIONAL REQUIREMENTS SHALL BE THE RESPONSIBILITY OF THE ELECTRIC CONTRACTOR (DIVISION 26) AND SHALL BE APPLICABLE ONLY WHERE NOTED ON THE ELECTRICAL ROUGH-IN PLANS. THE ELECTRIC CONTRACTOR (DIVISION 26) SHALL VERIFY AND COORDINATE THE EXACT ELECTRICAL REQUIREMENTS FOR ALL N.E.C. EQUIPMENT PRIOR TO FINAL ROUGH-IN.
- FURNISH AND INSTALL CORD AND PLUG SET(S).
  - FURNISH AND INSTALL DEVICE & COVER IN KEC (SECTION 114000) FURNISHED JUNCTION BOX.
  - FURNISH AND INSTALL JUNCTION BOX(S), DEVICE(S), AND COVER(S) IN KEC (SECTION 114000) FURNISHED EQUIPMENT.
  - CONNECT THRU DISPOSER CONTROL TO SOLENOID VALVE AND MOTOR.
  - CONNECT FROM KEC (SECTION 114000) FURNISHED ICE MACHINE TO REMOTE CONDENSER AS REQ'D.
  - CONNECT THRU KEC (SECTION 114000) FURNISHED AIR CURTAIN TO DOOR ACTIVATED MICROSWITCH.
  - CONNECT THRU KEC (SECTION 114000) FURNISHED REMOTE CONTROL SWITCH(ES).
  - FURNISH AND INSTALL SWITCH. CONNECT TO LIGHTS FURNISHED BY KEC (SECTION 114000).
  - CONNECT POWER SUPPLY TO KEC (SECTION 114000) FURNISHED LOAD CENTER. COUNTER SHALL BE PREWIRED AND SHIPPED IN SECTIONS. CONNECT BETWEEN SECTIONS.
  - 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 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.
  - CONNECT KEC (SECTION 114000) FURNISHED TEMPERATURE ALARM SYSTEM. COORDINATE WITH BUILDING SYSTEMS.
  - INSTALL KEC (SECTION 114000) FURNISHED DEFROST TIMER. CONNECT THRU TIMER TO EVAPORATOR COIL.
  - CONNECT FROM KEC (SECTION 114000) FURNISHED CONDENSING UNIT, THRU DEFROST TIMER, TO EVAPORATOR COIL.
  - FURNISH AND INSTALL NEMA RECEPTACLE WITH WEATHER COVER.
  - CONNECT EXHAUST FAN THRU FAN CONTROL CONTACTS IN DISHWASHER.
  - CONNECT TABLE LIMIT SWITCH TO DRY CONTACT ON KEC (SECTION 11400) FURNISHED DISH MACHINE.
  - CONNECT DRAIN WATER TEMPERING DEVICE PER MANUFACTURER'S RECOMMENDATIONS.
  - 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.
  - CONNECT 120 VOLT FROM KEC (SECTION 114000) FURNISHED MICRO SWITCH IN FIRE SUPPRESSION SYSTEM CONTROL PANEL TO SHUNT TRIP BREAKERS 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.
  - 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.
  - FURNISH AND INSTALL CONCEALED CONDUIT AND RECESSED OCTAGONAL JUNCTION BOX IN WALL AT 42"-48" AFF FOR REMOTE MANUAL PULL STATION(S). COORDINATE LOCATION(S) WITH FIRE SUPPRESSION SYSTEM CONTRACTOR AND AUTHORITIES HAVING JURISDICTION PRIOR TO ROUGH-IN.
  - PROVIDE 3/4" EMPTY CONDUIT AND JUNCTION BOX FOR DATA CONNECTION. VERIFY EXACT REQ'S AND TERMINATION POINTS PRIOR TO ROUGH-IN.
  - PROVIDE DEVICE MOUNTED HORIZONTALLY IN BUILDING WALL.



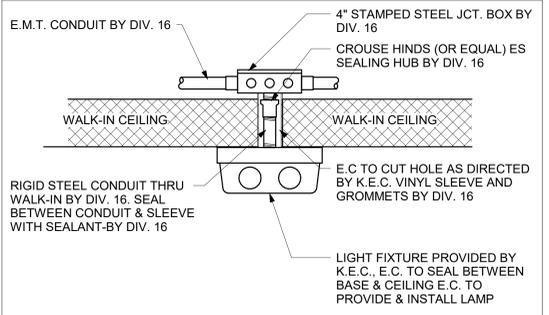
**FOODSERVICE ELECTRICAL ROUGH-IN PLAN**

1/4" = 1'-0"



**FIRE SUPPRESSION REMOTE PULL STATION - TYP**

3/4" = 1'-0"



- ALL CONDUIT TO BE RUN ON EXTERIOR OF WALK-IN BY DIV. 16 UNLESS BOX IS LOCATED OUTDOORS. THEN CONDUIT IS RUN BELOW CEILING.
- ALL PENETRATIONS THRU WALK-IN TO BE THOROUGHLY SEALED.
- ALL LIGHT FIXTURES TO BE FURNISHED BY K.E.C.
- MOUNTING FIXTURES, ALL CONDUIT AND ALL INTER-WIRING BY DIV. 16.
- ALL LAMPS (BULBS) TO BE FURNISHED BY OTHERS.

**WALK-IN LIGHT DETAIL**

NOT TO SCALE

**ISSUE FOR CONSTRUCTION**  
01/26/2026

**FIVE FOUR**  
301 SW OLDHAM PARKWAY  
LEE'S SUMMIT, MO

PROJECT PHASE:  
FOODSERVICE EQUIPMENT

DATE:	PROJECT #:
11/12/2024	2024136
DRAWN BY:	APPROVED BY:
JLH	NLB

SHEET TITLE:  
**FOODSERVICE ELECTRICAL ROUGH-IN PLAN**

SHEET NUMBER:  
**QF301**

**REVISIONS**

DATE	NO.	DESCRIPTION
2025.02.11	1	MEP Layout
2025.02.24	2	MEP Updated layout
2025.02.18	3	CCD#3 ARCH REVISIONS

**FOODSERVICE ELECTRICAL SCHEDULE**

ITEM NO.	QTY.	DESCRIPTION	VOLTS	PHAS	AMPS	TYPE	TYPE	AFF	ELECTRICAL REMARKS
2.1	2	REMOTE COMPRESSOR, GLYCOL UNITS	208	1	13.4	SR			LOCATION TBD BY ARCHITECT. VERIFY ROUGH-IN REQUIREMENTS
4	1	FROZEN DRINK MACHINE	120	1	30.0	SR	18"		EC TO SUPPLY CORD & PLUG
6	2	CARBONATORS- BY OTHERS	120	1	6.2	DR	105"		BY OTHERS. VERIFY ROUGH-IN REQUIREMENTS
10	1	UNDERCOUNTER REFRIGERATOR	120	1	2.7	SR			STUB UP
12	1	PASS-THRU BACK BAR COOLER- 82"	120	1	4.2	SR	24"		
13	3	FROSTERS W/ CHILLERS- 60"	120	1	3.8	SR	24"		
15	2	BAR/DRINK MIXER	120	1	1.2	DR	38"		
16	1	BAR BLENDER	120	1	15.0	DR	38"		
17	1	UNDERCOUNTER GLASSWASHER	120	1	20.0	JB	24"		
18	1	UNDERCOUNTER WINE COOLER- 18 BOTTLE	120	1	3.9	SR	24"		
22	1	SOD/VICE DISPENSER- BY OTHERS, 32" WIDE	120	1	15.0	DR	24"		BY OTHERS. VERIFY ROUGH-IN REQUIREMENTS. EC TO PROVIDE CORD & PLUG
27	1	COFFEE BREWER - BY OTHERS	120	1	14.0	SR	48"		BY OTHERS. VERIFY ROUGH-IN REQUIREMENTS
28	1	ICED TEA BREWER- BY OTHERS	120	1	16.0	SR	48"		BY OTHERS. VERIFY ROUGH-IN REQUIREMENTS. HORIZONTAL OUTLET. EC TO PROVIDE CORD & PLUG
30	6	INDUCTION RETHERMALIZER.DROP-IN	120	1	6.7	SR	24"		
31	1	REFRIGERATOR, REACH-IN GLASS DOOR	120	1	5.0	SR	24"		
32	2	MICROWAVE CONVECTION OVEN	208	1	16.0	SR	48"		
33	1	FOOD PROCESSOR	120	1	12.0	SR	48"		
34	1	SANDWICH/SALAD PREP REFRIGERATOR- 48"	120	1	3.0	SR	24"		
37	2	WORKTOP REFRIGERATOR, 48"	120	1	1.0	SR	24"		
39	3	HEAT LAMP- 108". DUAL TANDEM	208	1	24.0	JB	62"		EC TO INTERCONNECT FROM JB TO CONTROL BOX MOUNTED UNDER PASS-THRU SHELF. EXACT LOCATION TBD
41	1	REACH-IN REFRIGERATOR	120	1	5.0	SR	84"		
43	1	27" MEGATOP COOLER	120	1	2.3	SR	24"		
44	7	MICROWAVE OVEN	208	1	16.3	SR	78"		
44.1	1	MICROWAVE OVEN	208	1	16.3	JB	60"		EC TO WIRE JB MOUNTED ON PASS-THRU SHELF
44.2	2	MICROWAVE OVEN	208	1	16.3	JB	60"		EC TO WIRE JB MOUNTED ON PASS-THRU SHELF
45	1	UNDERCOUNTER FREEZER W/ CUTTING BOARD TOP	120	1	3.6	SR	24"		
46	2	SANDWICH/SALAD PREP REFRIGERATOR- 60"	120	1	4.0	SR	24"		
47	2	FOOD WARMER (1) NOT SHOWN	120						
48	1	FRENCH FRY WARMER	120	1	5.0	DR	48"		HORIZONTAL
49	1	SANDWICH/SALAD PREP REFRIGERATOR- 60"	120	1	4.0	SR	24"		
52	1	REFRIGERATED EQUIPMENT BASE STAND	120	1	3.0	SR	24"		
58	1	EXHAUST HOOD	120	1	15.0	JB			JB DOWN FROM ABOVE. EC TO WIRE JB TO TOP OF HOOD. VERIFY ALL EQUIPMENT REQUIREMENTS W. MANUFACTURER'S SHOP DRAWINGS
58.1	1	ROOF MOUNTED EXHAUST FAN	208	3	7.5	JB			LOCATION TBD BY ARCHITECT. VERIFY ROUGH-IN REQUIREMENTS
58.2	1	ROOF MOUNTED EXHAUST FAN	208	3	16.7	JB			LOCATION TBD BY ARCHITECT. VERIFY ROUGH-IN REQUIREMENTS
58.3	1	MUA UNIT	208	3	50.0	JB			LOCATION TBD BY ARCHITECT. VERIFY ROUGH-IN REQUIREMENTS
58.4	1	MUA UNIT	208	3	50.0	JB			LOCATION TBD BY ARCHITECT. VERIFY ROUGH-IN REQUIREMENTS
59.1	1	EXHAUST/MUA CONTROL PANEL	120	1	16.0	JB			JB DOWN FROM ABOVE. VERIFY ALL ROUGH-IN REQUIREMENTS WITH MANUFACTURER'S SHOP DRAWINGS.
60.1	1	ROOF MOUNTED EXHAUST FAN	120	1	9.0	JB			LOCATION TBD BY ARCHITECT. VERIFY ROUGH-IN REQUIREMENTS
61	1	CHIP WARMER	120	1	7.0	DR	24"		
71	1	CONVEYOR DISHWASHER -FURNISHED BY OWNER	208	3	60.0	JB	67"		EC TO CONNECT DISHWASHING MACHINE. EC TO PROVIDE RELAY BOX. EC TO WIRE EXHAUST FAN TO RELAY BOX THEN TO DISH MACHINE FAN CONTROL
77	1	WALK-IN COOLER	120	1	15.0	JB			JB DOWN FROM ABOVE. VERIFY ALL ROUGH-IN REQUIREMENTS WITH MANUFACTURER'S SHOP DRAWINGS
77.1	1	COOLER EVAPORATOR	120	1	1.6	JB	104"		
77.2	1	COOLER COMPRESSOR- REMOTE	208	1	7.0	JB			LOCATION TBD BY ARCHITECT. VERIFY ROUGH-IN REQUIREMENTS
77.3	1	WALK-IN FREEZER	120	1	15.0	JB			JB DOWN FROM ABOVE. VERIFY ALL ROUGH-IN REQUIREMENTS WITH MANUFACTURER'S SHOP DRAWINGS
77.4	1	FREEZER EVAPORATOR	208	1	9.8	JB	104"		
77.5	1	FREEZER COMPRESSOR- REMOTE	208	1	13.4	SR			LOCATION TBD BY ARCHITECT. VERIFY ROUGH-IN REQUIREMENTS
77.6	1	WALK-IN COOLER	120	1	15.0	JB			JB DOWN FROM ABOVE. VERIFY ALL ROUGH-IN REQUIREMENTS WITH MANUFACTURER'S SHOP DRAWINGS
77.7	1	COOLER EVAPORATOR	208	1	1.6	JB	104"		
77.8	1	COOLER COMPRESSOR- REMOTE	208	1	11.4	JB			LOCATION TBD BY ARCHITECT. VERIFY ROUGH-IN REQUIREMENTS
77.9	1	WALK IN FREEZER HEAT TAPE - NOT SHOWN ON DRAWING	120	1	0.8	DR			WRAP DRAIN WITH HEAT TAPE AND INSULATE
85	1	REACH-IN FREEZER	120	1	9.0	SR	84"		
86	2	ICE MACHINE	208	1	13.2	JB	80"		
87	1	COOK & HOLD OVEN, SMOKER	208	1	31.4	SR	48"		EC TO FURNISH CORD & PLUG. EC TO VERIFY UNIT IS SWITCHED TO THE 208V MODE
88	1	DOUBLE STACK CONVECTION OVEN	208	1	27.0	SR	40"		
89	1	SANDWICH/SALAD PREP REFRIGERATOR- 48"	120	1	3.0	SR	24"		
92	1	ELECTRIC FOOD SLICER	120	1	2.5	SR	48"		
96	1	WALK-IN KEG COOLER	120	1	15.0	JB			JB DOWN FROM ABOVE. VERIFY ALL ROUGH-IN REQUIREMENTS WITH MANUFACTURER'S SHOP DRAWINGS
96.1	2	BEER COOLER EVAPORATORS	120	1	2.9	JB	104"		
96.2	2	BEER COOLER COMPRESSOR - GLYCOL UNITS	208	1	13.4	SR			LOCATION TBD BY ARCHITECT. VERIFY ROUGH-IN REQUIREMENTS
107	1	ELECTRIC BOOSTER HEATER	208	3	75.0	JB	24"		
118	1	SALAD DRYER	120	1	2.7	SR	24"		
119	1	FOOD BLENDER	120	1	15.0	SR	48"		
120	1	BACK DOOR AIR CURTAIN	120	1	9.0	JB	96"		ELECTRICAL CONTRACTOR TO INTERCONNECT WITH DOOR PLUNGER
122	1	ELECTRIC JUICER	120	1	4.3	SR	48"		
127	1	DIPPER WELL	120	1	3.3	DR	48"		
134	1	RICE COOKER- BY OTHERS	120	1	16.0	DR	48"		BY OTHERS. VERIFY ROUGH-IN REQUIREMENTS
136	4	COUNTERTOP RETHERMALIZER	120	1	6.7	DR	48"		HORIZONTAL
137	1	30 QT. FLOOR MIXER	120	1	16.0	DR	12"		
140	1	TILT KETTLE	208	3	27.2	JB	24"		
141	1	ELECTRIC CONVEYOR TOASTER	120	1	12.5	SR	48"		HORIZONTAL
146	1	BREAD SLICER	120	1	12.0	SR	24"		NEED MODEL # FOR ACCURATE ELECTRICAL SPECS
150	1	REFRIGERATED BEVERAGE DISPENSER, BUBBLER	120	1	2.8	SR	24"		

**CONVENIENCE OUTLET SCHEDULE**

ITEM NO.	QTY.	TYPE	NEMA	TYPE AFF	ELECTRICAL REMARKS
CO-1	7	ELECTRICAL RECEPTACLE	5-15R	48"	
CO-2	1	ELECTRICAL RECEPTACLE	5-15R	78"	
CO-3	7	ELECTRICAL RECEPTACLE	5-15R	44"	HORIZONTAL

FIVE FOUR

301 SW OLDHAM PARKWAY  
LEE'S SUMMIT, MO

PROJECT PHASE: FOODSERVICE EQUIPMENT	
DATE: 11/12/2024	PROJECT #: 2024136
DRAWN BY: JLH	APPROVED BY: NLB

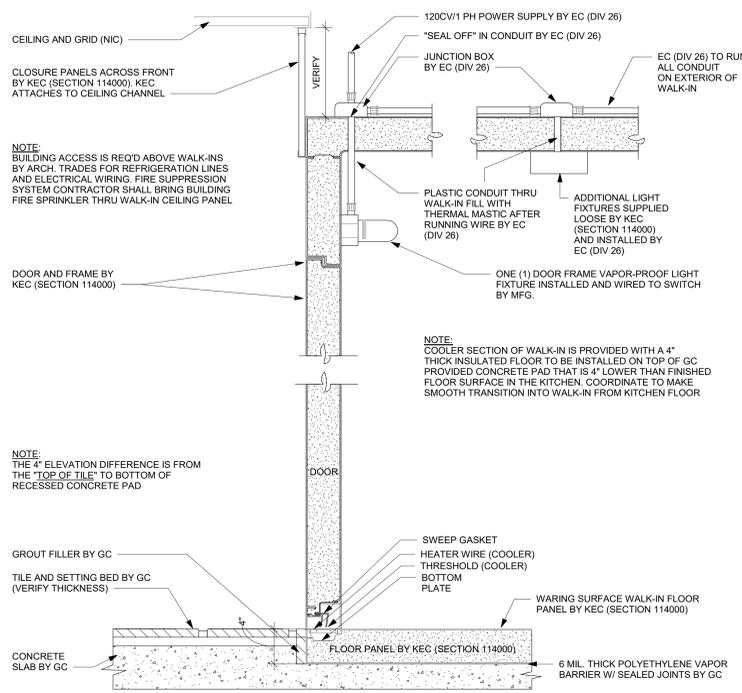
SHEET TITLE:  
**FOODSERVICE ELECTRICAL SCHEDULES**

SHEET NUMBER:  
**QF302**

ISSUE FOR CONSTRUCTION  
01/26/2026

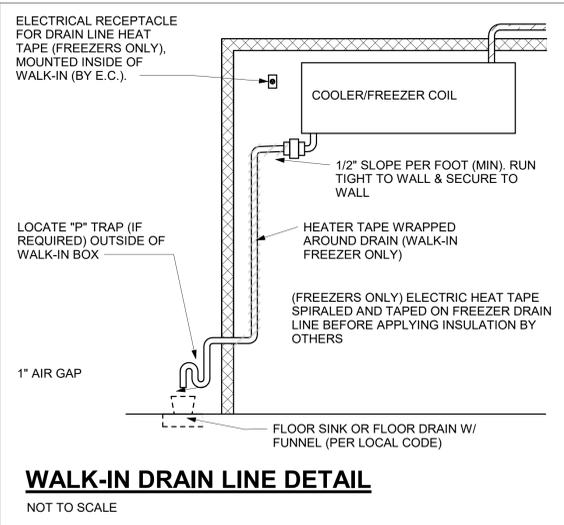
**REVISIONS**

DATE	NO.	DESCRIPTION
2025.02.11	1	MEP Layout
2025.02.24	2	MEP Updated layout
2026.02.18	3	CCD #3 ARCH REVISIONS



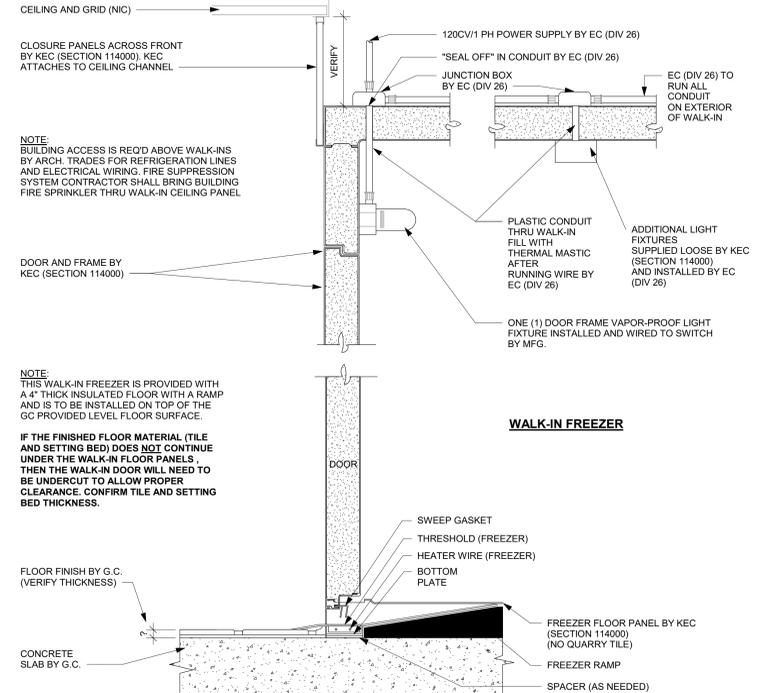
**WALK-IN COOLER ONLY IN 4" RECESS - TYP**

1 1/2" = 1'-0"



**WALK-IN DRAIN LINE DETAIL**

NOT TO SCALE



**WALK-IN FREEZER ONLY IN 4" RAMP - TYP**

1 1/2" = 1'-0"

**ISSUE FOR CONSTRUCTION**  
01/26/2026

**SPECIAL CONDITIONS LEGEND**

- WB-# WALL BLOCKING
- - - PROPOSED STRUCTURAL SUPPORT
- ▨ NON-COMBUSTIBLE WALL

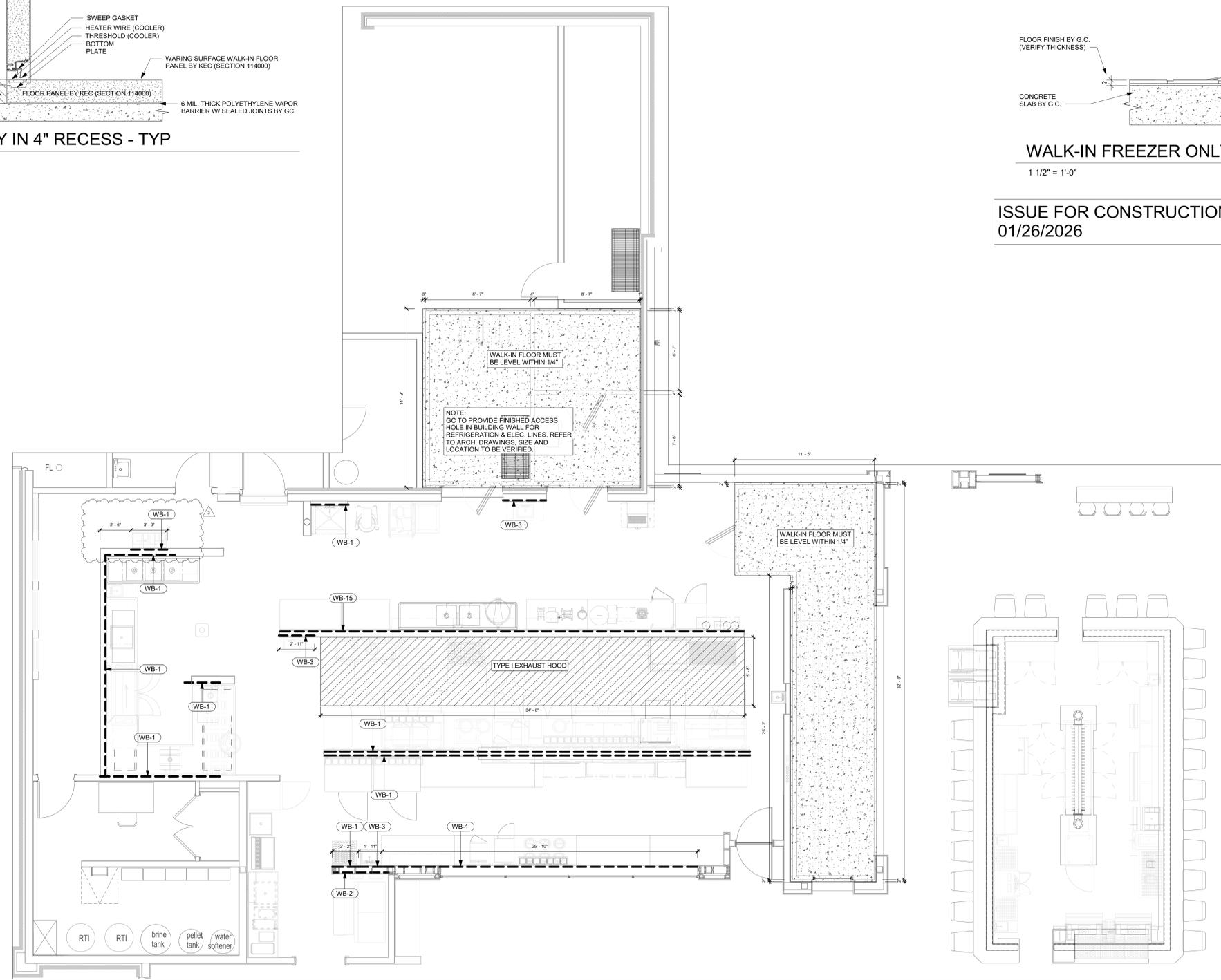
**SPECIAL CONDITIONS NOTES**

- NOTE: THE FOLLOWING ADDITIONAL REQUIREMENTS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR (OR AS SPECIFIED OTHERWISE) AND SHALL BE APPLICABLE ONLY WHERE NOTED ON THE PLANS. THE GENERAL CONTRACTOR SHALL VERIFY AND COORDINATE THE EXACT BUILDING REQUIREMENTS PRIOR TO CONSTRUCTION.
- BUILDING FLOOR BENEATH WALK-IN MUST BE LEVEL WITHIN PLUS OR MINUS 1/8". REFER TO DETAIL #X/QFXXX.
  - GENERAL CONTRACTOR AND/OR SUBDIVISIONS SHALL PROVIDE X" DEEP FLOOR DEPRESSION FROM TOP OF FINISHED FLOOR FOR WALK-IN. REFER TO DETAIL #X/QFXXX.
  - GENERAL CONTRACTOR AND/OR SUBDIVISIONS SHALL PROVIDE PRESSURE TREATED WOOD THERMAL BARRIER CENTERED BENEATH WALK-IN WALLS. REFER TO DETAIL #X/QFXXX.
  - GENERAL CONTRACTOR AND/OR SUBDIVISIONS SHALL PROVIDE INSULATED FLOOR SLAB BENEATH WALK-IN. REFER TO DETAIL #X/QFXXX.
  - GENERAL CONTRACTOR AND/OR SUBDIVISIONS SHALL PROVIDE X" DEEP FLOOR DEPRESSION FROM FINISHED FLOOR FOR INSTALLATION OF FLOOR TROUGH BY PLUMBING CONTRACTOR (DIVISION 26). GENERAL CONTRACTOR TO BACK-FILL WITH GROUT. REFER TO DETAIL #X/QFXXX.
  - GENERAL CONTRACTOR AND/OR SUBDIVISIONS SHALL FURNISH AND INSTALL ROOF PAD FOR KEC (SECTION 114000) FURNISHED REFRIGERATION RACK.
  - GENERAL CONTRACTOR AND/OR SUBDIVISIONS SHALL FURNISH AND INSTALL CONCRETE PAD FOR KEC (SECTION 114000) FURNISHED REFRIGERATION RACK/CONDENSING UNITS.
  - REFRIGERATION CONTRACTOR SHALL FURNISH AND COORDINATE LOCATION OF EQUIPMENT RAILS AND PIPE CURBS FOR ROOFTOP CONDENSING UNIT(S).
  - HVAC/MECHANICAL CONTRACTOR (DIVISION 23) SHALL INSTALL KEC (SECTION 114000) FURNISHED RAILS & ROOF CURBS FOR EXHAUST FAN(S) AND MAKE-UP AIR UNIT(S).
  - KEC (SECTION 114000) SHALL FURNISH AND INSTALL RAILS AND ROOF CURBS FOR EXHAUST FAN(S) AND MAKE-UP AIR UNIT(S). GENERAL CONTRACTOR AND/OR SUBDIVISIONS SHALL FLASH-IN RAILS AND ROOF CURBS.
  - GENERAL CONTRACTOR AND/OR SUBDIVISIONS SHALL PROVIDE STRUCTURAL REINFORCEMENT ABOVE CEILING AS REQ'D FOR KEC (SECTION 114000) FURNISHED EQUIPMENT.
  - GENERAL CONTRACTOR AND/OR SUBDIVISIONS SHALL PROVIDE MINIMUM VERTICAL CLEARANCE OF X'-X" AT WALK-IN.
  - GENERAL CONTRACTOR AND/OR SUBDIVISIONS SHALL PROVIDE MINIMUM VERTICAL CLEARANCE OF X'-X" AT EXHAUST HOOD.
  - GENERAL CONTRACTOR AND/OR SUBDIVISIONS SHALL PROVIDE MINIMUM VERTICAL CLEARANCE OF X'-X" AT ICE MAKER.

**WALL BLOCKING NOTES (DIVISION 6)**

WB-1	24" AFF TO 96" AFF FOR GENERAL PURPOSE
WB-2	18" AFF TO 30" AFF FOR WATER FILTER
WB-3	30" AFF TO 60" AFF FOR HAND SINK
WB-4	48" AFF TO 60" AFF FOR WALL SHELF/MOP RACK/POT FILL/PRE-RINSE
WB-5	48" AFF TO 78" AFF FOR 2-TIER WALL SHELVES
WB-6	48" AFF TO 84" AFF FOR RACK SHELF
WB-7	54" AFF TO 90" AFF FOR WALL CABINET/SALAMANDER
WB-8	60" AFF TO 78" AFF FOR WATER FILTER
WB-9	66" AFF TO 84" AFF FOR POT RACK
WB-10	72" AFF TO CEILING FOR FIRE SUPPRESSION/HOOD CONTROL
WB-11	78" AFF TO 114" AFF FOR EXHAUST HOOD
WB-12	84" AFF TO 102" AFF FOR WATER FILTER/AIR CURTAIN
WB-13	102" AFF TO 114" AFF FOR CLG MOUNT AIR CURTAIN
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 WALL 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.



**FOODSERVICE SPECIAL CONDITIONS PLAN**

1/4" = 1'-0"

**FIVE FOUR**

301 SW OLDHAM PARKWAY  
LEE'S SUMMIT, MO

PROJECT PHASE:  
FOODSERVICE EQUIPMENT

DATE	PROJECT #
11/12/2024	2024136

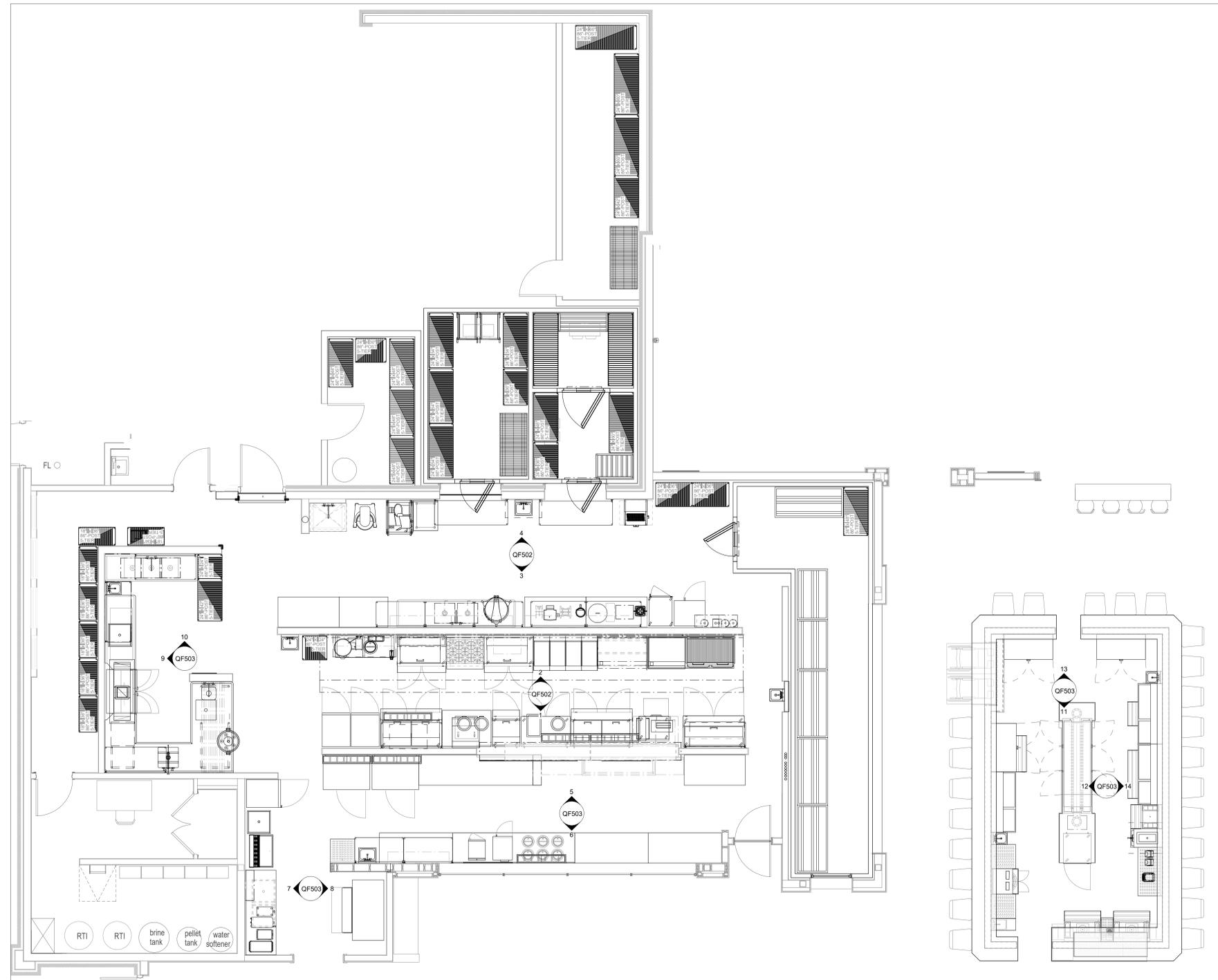
DRAWN BY: JLH APPROVED BY: NLB

SHEET TITLE:  
**FOODSERVICE SPECIAL CONDITIONS PLAN**

SHEET NUMBER:  
**QF401**

**REVISIONS**

DATE	NO.	DESCRIPTION
2025.02.11	1	MEP Layout
2025.02.24	2	MEP Updated layout
2025.06.02	4	MEP UPDATE



**FOODSERVICE KEY ELEVATION PLAN**

1/4" = 1'-0"

**FIVE FOUR**

301 SW OLDHAM PARKWAY  
LEE'S SUMMIT, MO

**PROJECT PHASE:**  
FOODSERVICE EQUIPMENT

DATE:	PROJECT #:
11/12/2024	2024136
DRAWN BY:	APPROVED BY:
JLH	NLB

**SHEET TITLE:**  
FOODSERVICE KEY  
ELEVATION PLAN

**SHEET NUMBER:**

**QF501**

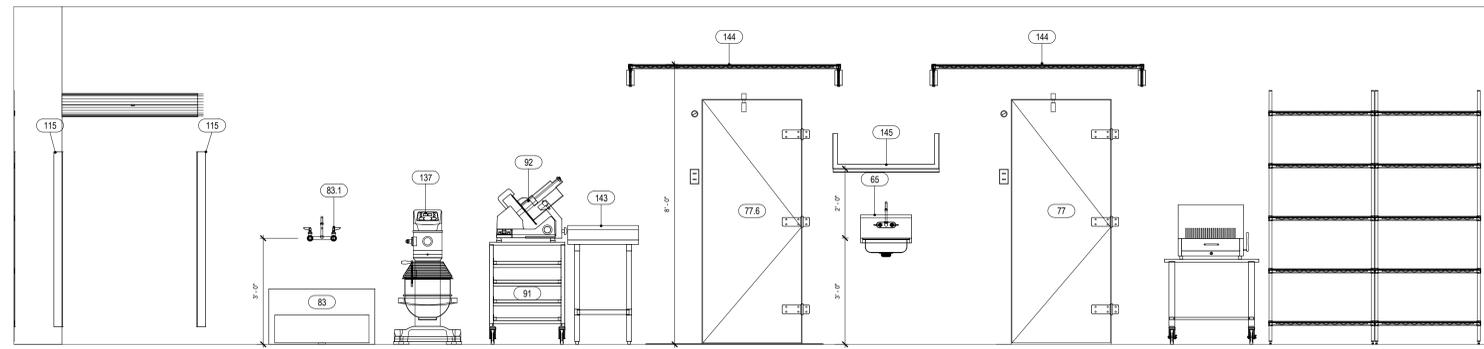
ISSUE FOR CONSTRUCTION  
01/26/2026

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Owner and all Contractors to check and verify existing dimensions and conditions in the field before starting construction and to notify TriMark of any material or detail changes.

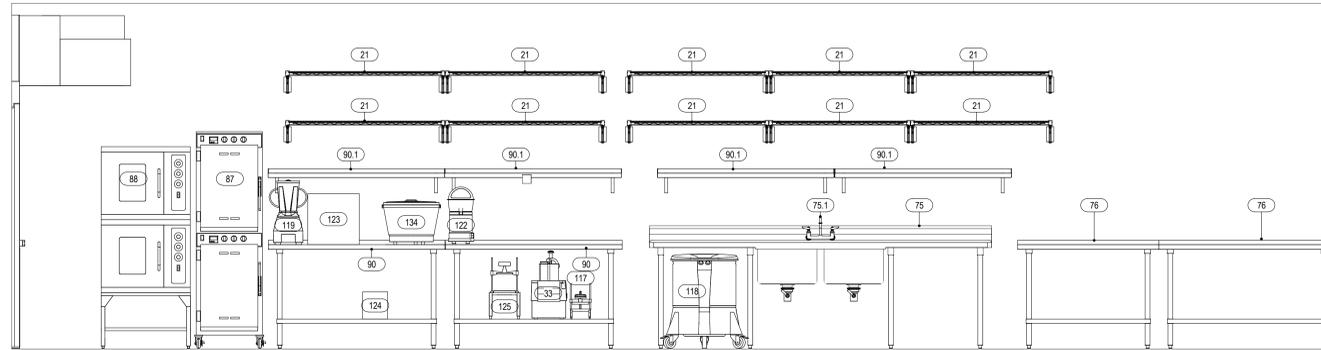
**REVISIONS**

DATE	NO.	DESCRIPTION
2025.02.11	1	MEP Layout
2025.02.24	2	MEP Updated layout
2025.06.02	4	MEP UPDATE



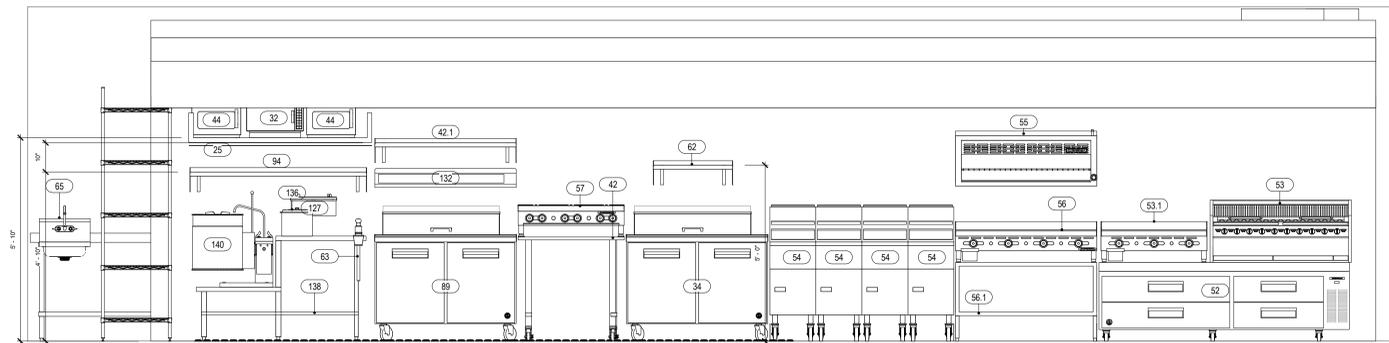
**4 ELEVATION- MOP/WALK-IN AREA**

1/2" = 1'-0"



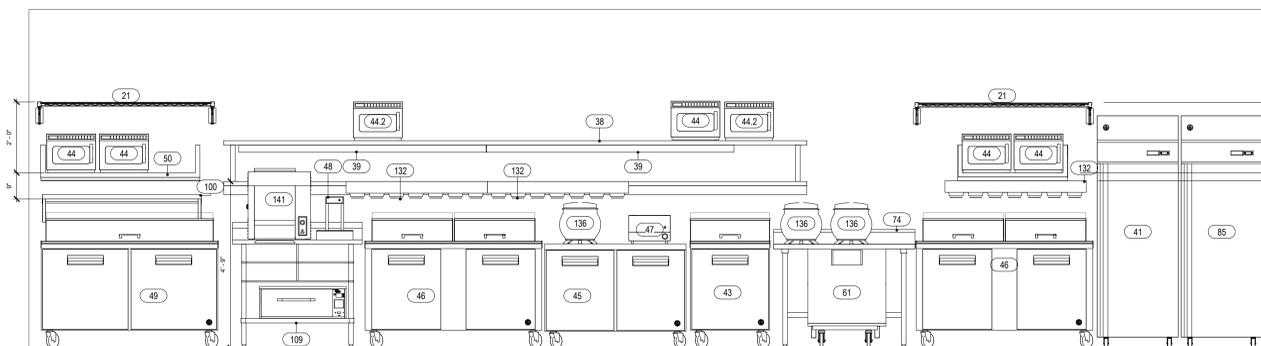
**3 ELEVATION- PREP AREA**

1/2" = 1'-0"



**2 ELEVATION- COOKLINE**

1/2" = 1'-0"



**1 ELEVATION- COOKLINE/PASS-THRU**

1/2" = 1'-0"

**FIVE FOUR**

301 SW OLDHAM PARKWAY  
LEE'S SUMMIT, MO

PROJECT PHASE:  
FOODSERVICE EQUIPMENT

DATE: 11/12/2024	PROJECT #: 2024136
DRAWN BY: JLH	APPROVED BY: NLB

SHEET TITLE:  
FOODSERVICE ELEVATIONS

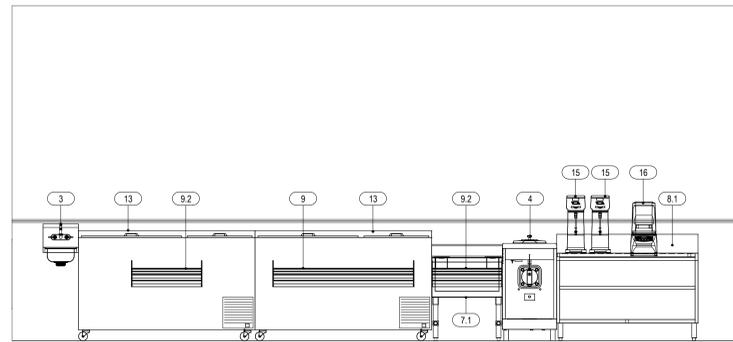
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**QF502**

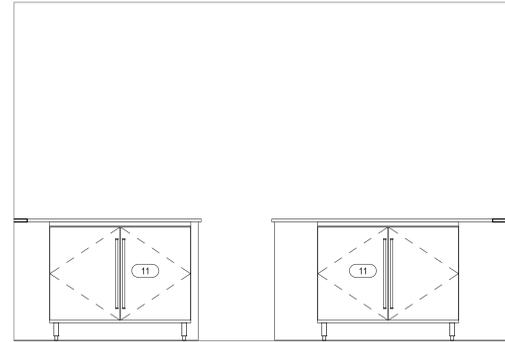
ISSUE FOR CONSTRUCTION  
01/26/2026

**REVISIONS**

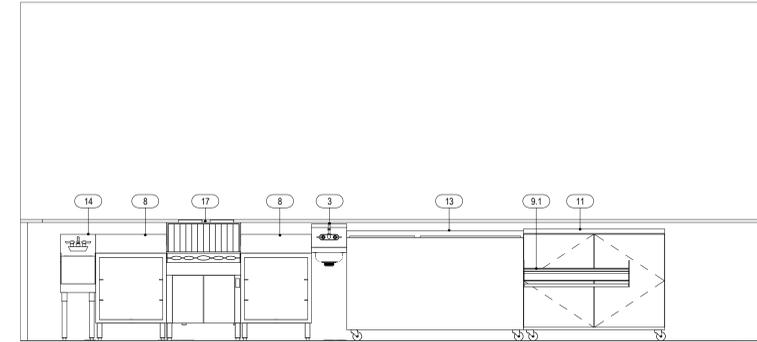
DATE	NO.	DESCRIPTION
2025.02.11	1	MEP Layout
2025.02.24	2	MEP Updated layout
2025.06.02	4	MEP UPDATE



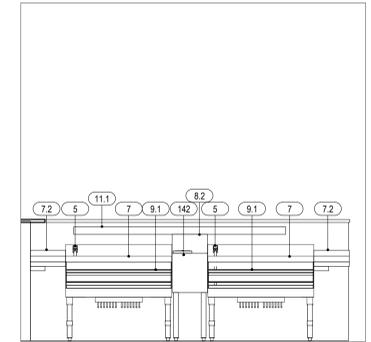
**14 BAR AREA- EAST**  
1/2" = 1'-0"



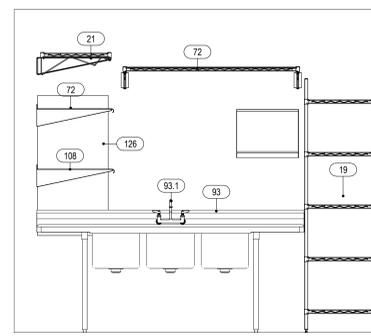
**13 BAR AREA- NORTH**  
1/2" = 1'-0"



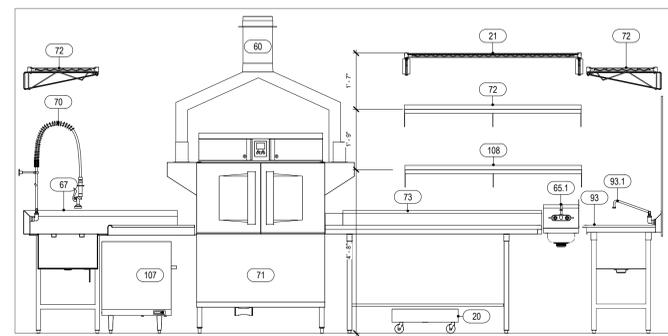
**12 BAR AREA- WEST**  
1/2" = 1'-0"



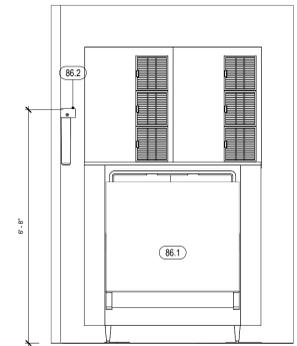
**11 BAR AREA- SOUTH**  
1/2" = 1'-0"



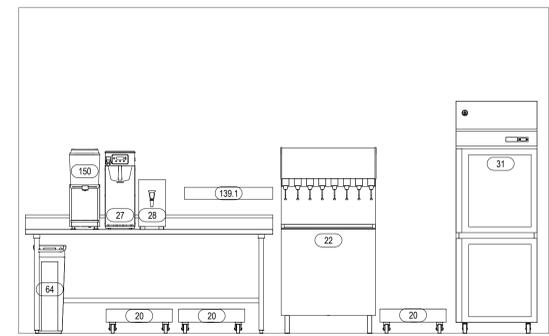
**10 DISH AREA- B**  
1/2" = 1'-0"



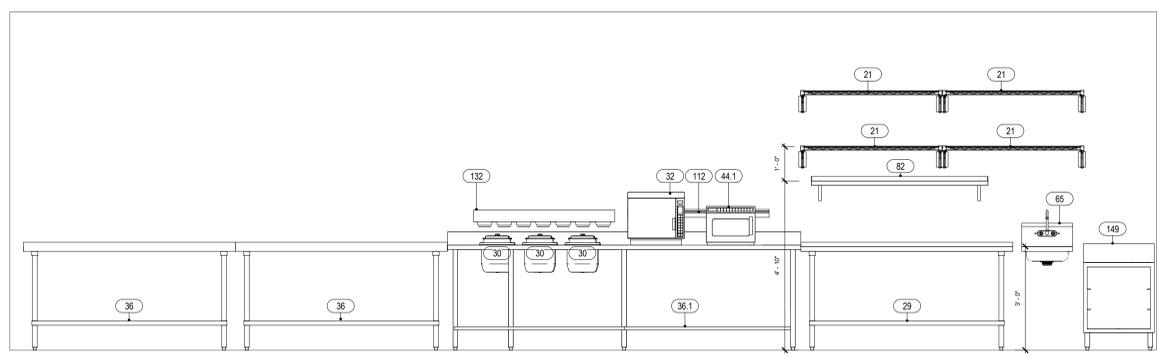
**9 DISH AREA**  
1/2" = 1'-0"



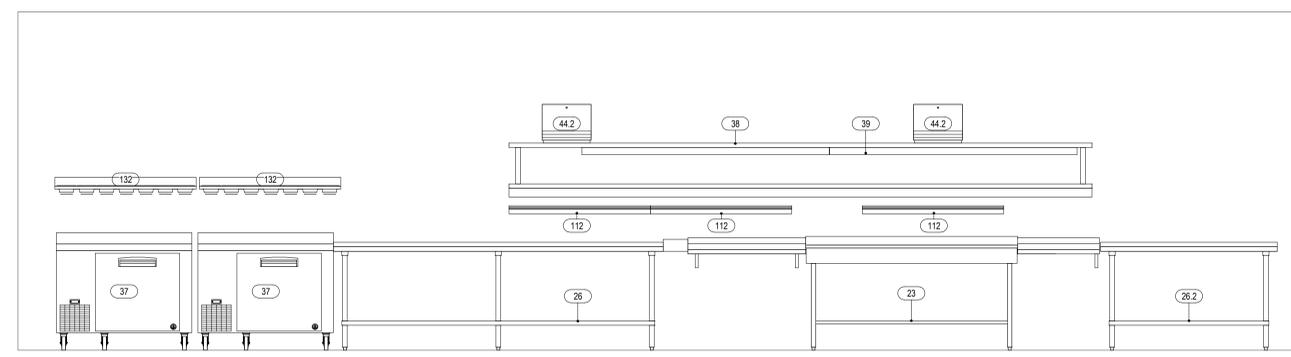
**8 ICE MACHINE AREA**  
1/2" = 1'-0"



**7 SERVER BEVERAGE AREA- A**  
1/2" = 1'-0"



**6 ELEVATION- EXPO AREA**  
1/2" = 1'-0"



**5 ELEVATION- EXPO/PASS-THRU AREA**  
1/2" = 1'-0"

ISSUE FOR CONSTRUCTION  
01/26/2026

FIVE FOUR

301 SW OLDHAM PARKWAY  
LEE'S SUMMIT, MO

PROJECT PHASE: FOODSERVICE EQUIPMENT	
DATE: 11/12/2024	PROJECT #: 2024136
DRAWN BY: JLH	APPROVED BY: NLB

SHEET TITLE:  
**FOODSERVICE ELEVATIONS**

SHEET NUMBER:  
**QF503**



**REVISIONS**

DATE	NO.	DESCRIPTION

**Direct Drive Upblast Centrifugal Roof Exhaust Fan**

MARK INFORMATION			FAN INFORMATION							SOUND INFORMATION					MOTOR INFORMATION									
MARK	QTY	MODEL	DRIVE TYPE	VOLUME (CFM)	EXTERNAL SP (IN. WG)	TOTAL EXTERNAL SP (IN. WG)	FAN SPEED (RPM)	OUTLET VELOCITY (FT/MIN)	FEI	TOTAL WEIGHT (LB)	INLET dBA	INLET SONES	INLET SONES (SPHERICAL)	OUTLET dBA	OUTLET SONES	OPERATING POWER (HP)	MOTOR SIZE (HP)	FEP INPUT POWER (KW)	ENCLOSURE	VOLTAGE	CYCLE	PHASE	EC MOTOR	NEC FLA*
KEF-1	1	XCUE-200HP-A	Direct	4,732	1.75	2.097	1,725	1,773.26	1.05	169	78.8	28.06	0	0	0	3.61	5	2.99	OP	208	60	3	No	16.7

\*NEC FLA - Based on table 430.250 or 430.248 of National Electrical Code 2020. Actual motor FLA may vary for sizing thermal overload, consult factory"

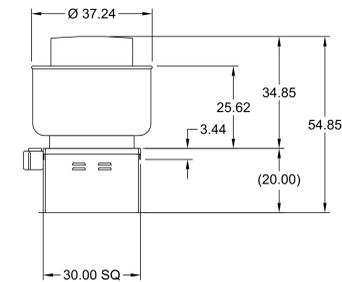
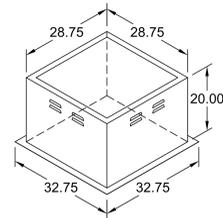
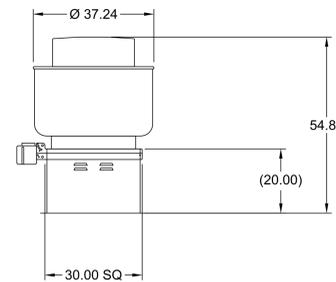
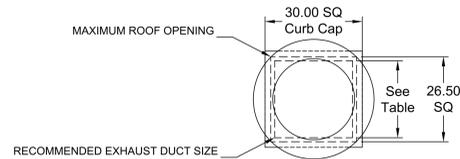
**KEF-1 : SELECTED OPTIONS AND ACCESSORIES**

Motor VFD Rated without Shaft Grounding Protection  
One piece fully welded windband  
Tapered bushing wheel hub  
Breather tube outlet area min. 4.4 sq. in. (sizes 99-480), 2.0 sq. in. (sizes 60-95)  
Min. windband material thickness: 0.051" aluminum (060-240), 0.064" aluminum (240HP, 240XP), 0.080" aluminum (sizes 300-480)  
Curb Cap Size - 30 Square  
UL/cUL 705 Listed - Supplement SC - "Power Ventilators for Restaurant Exh. Appliances" (Formerly UL 762)  
Switch, NEMA-3R, Toggle, Hinge, Factory Installed  
High Temp Curb Seal Rated for Continuous Duty at 1500 F (Factory Attached)  
Grease Trap (PN 475538)  
Aluminum Wheel Material

DUCT TYPE	SIZE
STANDARD	24 SQ
FIRE-WRAPPED	16 SQ

DUCT DIMENSIONS ARE LARGEST POSSIBLE DUCT TO FIT THROUGH CURB. CONSULT SYSTEM DESIGN ENGINEER FOR RECOMMENDED DUCT SIZE.

OVERALL HEIGHT MAY BE GREATER DEPENDING ON MOTOR, ADAPTER, AND/OR HINGE BASE.



**Direct Drive Upblast Centrifugal Roof Exhaust Fan**

MARK INFORMATION			FAN INFORMATION							SOUND INFORMATION					MOTOR INFORMATION									
MARK	QTY	MODEL	DRIVE TYPE	VOLUME (CFM)	EXTERNAL SP (IN. WG)	TOTAL EXTERNAL SP (IN. WG)	FAN SPEED (RPM)	OUTLET VELOCITY (FT/MIN)	FEI	TOTAL WEIGHT (LB)	INLET dBA	INLET SONES	INLET SONES (SPHERICAL)	OUTLET dBA	OUTLET SONES	OPERATING POWER (HP)	MOTOR SIZE (HP)	FEP INPUT POWER (KW)	ENCLOSURE	VOLTAGE	CYCLE	PHASE	EC MOTOR	NEC FLA*
KEF-2	1	XCUE-160-A	Direct	2,600	1.5	2.08	1,725	1,780	1.28	117	76.02	25.37	0	0	0	1.77	2	1.53	OP	208	60	3	No	7.5

\*NEC FLA - Based on table 430.250 or 430.248 of National Electrical Code 2020. Actual motor FLA may vary for sizing thermal overload, consult factory"

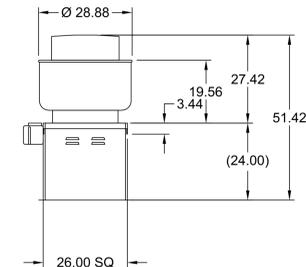
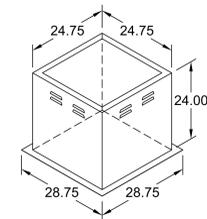
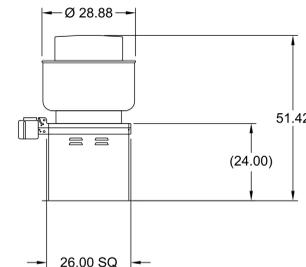
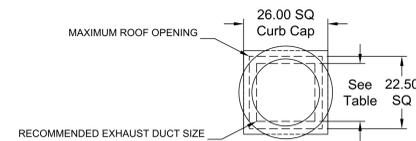
**KEF-2 : SELECTED OPTIONS AND ACCESSORIES**

Motor VFD Rated without Shaft Grounding Protection  
One piece fully welded windband  
Tapered bushing wheel hub  
Breather tube outlet area min. 4.4 sq. in. (sizes 99-480), 2.0 sq. in. (sizes 60-95)  
Min. windband material thickness: 0.051" aluminum (060-240), 0.064" aluminum (240HP, 240XP), 0.080" aluminum (sizes 300-480)  
Curb Cap Size - 26 Square  
UL/cUL 705 Listed - Supplement SC - "Power Ventilators for Restaurant Exh. Appliances" (Formerly UL 762)  
Switch, NEMA-3R, Toggle, Hinge, Factory Installed  
High Temp Curb Seal Rated for Continuous Duty at 1500 F (Factory Attached)  
Fastener Material: Stainless  
Grease Trap (PN 475538)  
Aluminum Wheel Material

DUCT TYPE	SIZE
STANDARD	18 SQ
FIRE-WRAPPED	12 SQ

DUCT DIMENSIONS ARE LARGEST POSSIBLE DUCT TO FIT THROUGH CURB. CONSULT SYSTEM DESIGN ENGINEER FOR RECOMMENDED DUCT SIZE.

OVERALL HEIGHT MAY BE GREATER DEPENDING ON MOTOR, ADAPTER, AND/OR HINGE BASE.



PROJECT: 9/10/2025  
MARK: FIVE FOUR LEES SUMMIT R1  
KEF-1 & KEF-2

PROJECT: 9/10/2025  
MARK: FIVE FOUR LEES SUMMIT R1

ACCUREX KS NE WESTERN MO  
ROBERT KNUST  
ROBERT.KNUST@ACCUREX.COM  
(816)888-9742



FIVE FOUR

301 SW OLDHAM PARKWAY  
LEE'S SUMMIT, MO

PROJECT PHASE:	
FOODSERVICE EQUIPMENT	
DATE: 11/12/2024	PROJECT #: 2024136
DRAWN BY: JLH	APPROVED BY: NLB

SHEET TITLE: HOODS

SHEET NUMBER: QF900

**REVISIONS**

DATE	NO.	DESCRIPTION

**FIVE FOUR**  
301 SW OLDHAM PARKWAY  
LEE'S SUMMIT, MO

PROJECT PHASE: FOODSERVICE EQUIPMENT	
DATE: 11/12/2024	PROJECT #: 2024136
DRAWN BY: JLH	APPROVED BY: NLB

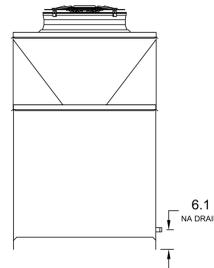
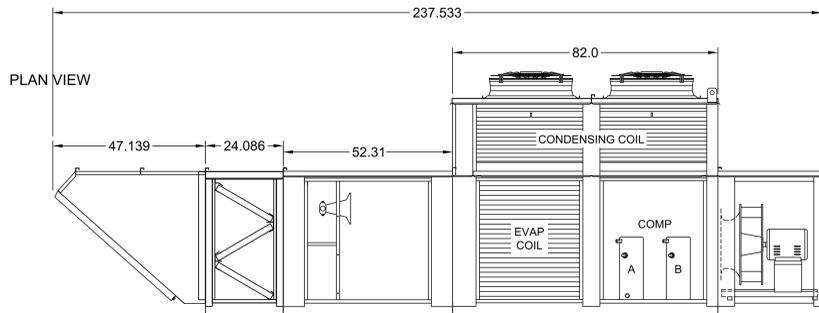
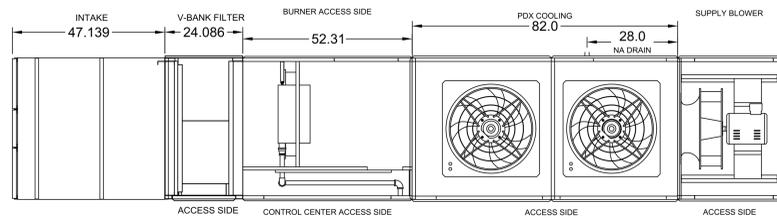
SHEET TITLE:  
**HOODS**

SHEET NUMBER:  
**QF1000**

EQUIPMENT SCHEDULE									
Tempered Make-Up Air Unit					Mark: MUA-1				
Qty	Accurex Model	Volume	External SP	Total SP	MCA	MOP	Weight	SCCR	
1	XDGX-P122-H22-D1-10	5,864 CFM	0.5 in. wg	1,773	53.2	70	2,551 lb	NA	
Motor Information									
Size	V/CI/P	Enclosure	Motor with Shaft Grounding	Motor RPM	Operating Power				
5 hp	208/60/3	OP	No	1200	2.71 hp				
Heating									
Type	Gas Type	Temperature	Energy	Connection	Building	Control	Gas Pressure		
Direct Gas	Natural	Winter DB   Max Δ   Max LAT	Input   Output   Efficiency	Gas (NG)	Pressure	Access	Min   Max		
		5 F   58.1 F   63.3 F	400.0 MBH   368.0 MBH   92%	09a	1_2_PSI	No	5 PSI		
Cooling									
Cooling Type	Coil Model	Rows Deep	Fins Per Inch	Face Velocity	Total Energy	Sensible Energy	Entering Air (F)	Leaving Air (F)	
0	DX38502S10-36x55-RH	2	10	NA	135.1 MBH	129.3 MBH	97 F	79 F	
Coil SP	Refrigerant	Suction Temp	Liquid Temp	Super Heat	Code 18/19	Suction Conn Qty / Size	Liquid Conn Qty / Size		
NA	R_454b	55 F			0	NA	NA		
Outlet Sound Power By Octave Band									
62.5	125	250	500	1000	2000	4000	8000	LWA	dBA
0	0	0	0	0	0	0	0	0	0

**OPTIONS AND ACCESSORIES**

Make Up Air  
Air Flow Arrangement: Variable Volume  
Weatherhood: Aluminum Mesh, 16x25x2 - (4), 12x25x2 - (2)  
Filter Section: Aluminum Mesh, 20x20x2 - (6)  
Dampers: Inlet  
Outdoor Air Intake Position: End  
Return Air Intake Position: None  
Discharge Position: Bottom  
Coating: Galvanized  
Cooling Coil Coating: None  
Insulation: Double Wall - Tempering On  
Supply Fan Control: VFD  
VFD Control: 0-10 VDC By Others  
Hinged Access  
Access Side: Right-Hand  
Unit Weight: 2,551 lb  
Control Center  
Freeze Protection  
Heat Inlet Air Sensor  
Cool Inlet Air Sensor  
Unit Controls: Microprocessor



ELEVATION VIEW

END VIEW

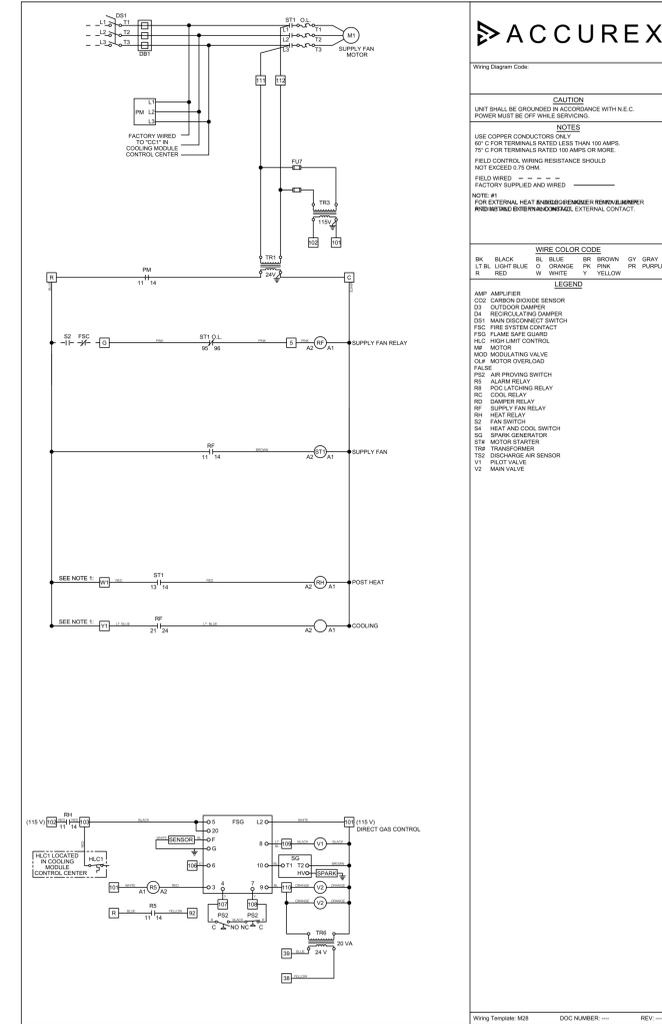
NOTE: Roof Opening Requirements:

Minimum Roof Opening: The minimum roof opening size is the illustrated duct diameter plus 0.25 in. on all sides.  
For example: If the duct size is 14 x 14 in. square, the minimum roof opening size is 14.5 x 14.5 in. square.

Maximum Roof Opening: There must be a minimum perimeter of 1.75 in. between the roof opening and the roof curb.  
For example: If the roof curb is 75 x 30 in. square, the maximum roof opening is 71.5 x 26.5 in. inches square.

NOTE: The weatherhood and filter sections of the make-up air unit are not supported by the curb.  
This is by design, in order to help alleviate water infiltration issues.

FOOTPRINT



**ACCUREX**

Wiring Diagram Code:

**CAUTION**  
UNIT SHALL BE GROUNDED IN ACCORDANCE WITH N.E.C. POWER MUST BE OFF WHILE SERVICING.  
**NOTES**  
USE COPPER CONDUCTORS ONLY  
75°C FOR TERMINALS RATED LESS THAN 100 AMPS  
75°C FOR TERMINALS RATED 100 AMPS OR MORE  
FIELD CONTROL WIRING RESISTANCE SHOULD NOT EXCEED 0.75 OHM  
FIELD WIRE: --- = --- = ---  
FACTORY SUPPLIED AND WIRED

**NOTE #1**  
FOR EXTERNAL HEAT SENSORS/SENSORS REMAIN JUMPER  
PROVIDE THE BURNER/NO FLAME/EXTERNAL CONTACT

**WIRE COLOR CODE**  
BK: BLACK, BL: BLUE, BR: BROWN, GR: GRAY, LTBL: LIGHT BLUE, O: ORANGE, PR: PINK, PL: PURPLE, R: RED, W: WHITE, Y: YELLOW

**LEGEND**  
AMP: AMPLIFIER  
CO2: CARBON DIOXIDE SENSOR  
D1: DUCT DAMPER  
D4: RECIRCULATING DAMPER  
D5: MAIN DISCONNECT SWITCH  
FSC: FIRE SYSTEM CONTACT  
FSG: FIRE SAFETY GUARD  
H-C: HIGH LIMIT CONTROL  
M: MOTOR  
M2: MOTOR FAN VALVE  
O/LP: MOTOR OVERLOAD  
FACE  
PS2: AIR PITCHING SWITCH  
RB: ALARM RELAY  
RC: COOL RELAY  
RD: DAMPER RELAY  
RF: SUPPLY FAN RELAY  
RH: HEAT RELAY  
S2: FAN SWITCH  
S4: HEAT AND COOL SWITCH  
S5: SPARK GENERATOR  
STW: MOTOR STARTER  
TSP: TRANSFORMER  
TSD: DISCHARGE AIR SENSOR  
V1: RELIEF VALVE  
V2: MAIN VALVE

Wiring Template: M08 DOC NUMBER: REV: ---

PROJECT: FIVE FOUR LEES SUMMIT R1

MARK: MUA-1

ACCUREX KS NE WESTERN MO  
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**REVISIONS**

DATE	NO.	DESCRIPTION

**FIVE FOUR**  
 301 SW OLDHAM PARKWAY  
 LEE'S SUMMIT, MO

**PROJECT PHASE:**  
FOODSERVICE EQUIPMENT

DATE:	PROJECT #:
11/12/2024	2024136
DRAWN BY:	APPROVED BY:
JLH	NLB

**SHEET TITLE:**  
HOODS

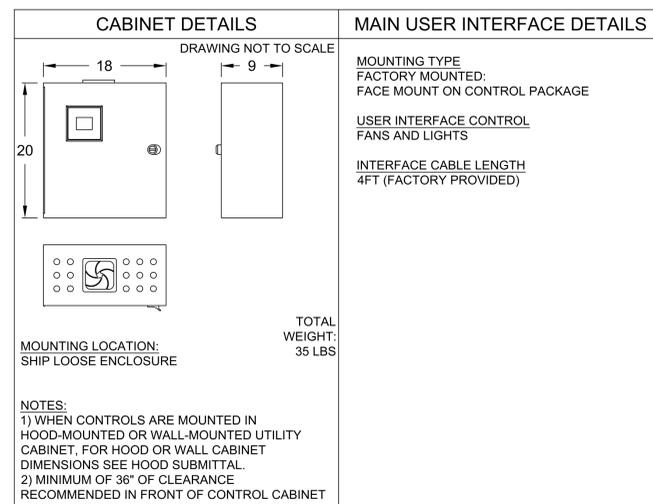
**SHEET NUMBER:**  
QF1100

UL NSF

PROJECT: 8/28/2025  
 MARK: FIVE FOUR LEES SUMMIT R1  
 CONTROLS VARIABLE VOLUME

ACCUREX KS NE WESTERN MO  
 ROBERT KNUST  
 ROBERT.KNUST@ACCUREX.COM  
 (816)888-9742

**ACCUREX**



FACTORY SETTINGS		EXHAUST FAN SETTINGS		WIRING DIAGRAM CODE: WDC#	
TYPE: VAV	CONFIGURATION: STANDARD	SEE FAN CONFIGURATION TABLE BELOW	SEE FAN CONFIGURATION TABLE BELOW	JOB NAME: FIVE FOUR LEES SUMMIT R1	REV: ---
ZONES: 2	HOODS: 3	SUPPLY FAN SETTINGS	SEE HOOD CONFIGURATION TABLE BELOW	MODEL: XKC-DCV-S-20-3-1-0	REV: ---
EXHAUST FANS: 2	SUPPLY FANS: 0	SENSOR SETTINGS	SEE HOOD CONFIGURATION TABLE BELOW	SERIAL NUMBER: WDSN#	REV: ---
MB TEMP SENSORS: 3	MB ROOM SENSOR: NO	USER INTERFACE SETTINGS (MB)	FAN & LIGHT BUTTONS: SHOW BOTH (SEPARATE)	MARK: CONTROLS VARIABLE VOLUME	REV: ---
MB GAS RESET: NO	FAN PROVING: NO	GENERAL SETTINGS	TIME ZONE: CENTRAL DAYLIGHT (DEFAULT)	DOC NUMBER: ---	REV: ---
BMS: NONE	MB FIRE/FAULT SETTINGS	TIME ZONE: CENTRAL DAYLIGHT (DEFAULT)	EXHAUST DURING FIRE: MAX	PRG VERSION: V5	REV: ---
ZONE SETTINGS	SEE ZONE CONFIGURATION TABLE BELOW	EXHAUST DURING FIRE: MAX	SUPPLY DURING FIRE: OFF		
HOOD SETTINGS	SEE HOOD CONFIGURATION TABLE BELOW	LIGHTS DURING FIRE: OFF			

ZONE #	ZONE	ROOM TEMP
1	Z1	PRESET
2	Z2	PRESET

HOOD #	HOOD	HOOD MARK	ZONE	EXH A	EXH B	SUPPLY	MB-TEMP SENSORS
1	H1	KEH-1 SECTION 1	Z1	E2	-	-	TS1
2	H2	KEH-1 SECTION 2	Z1	E2	-	-	TS2
3	H3	KEH-1 SECTION 3	Z2	E1	-	-	TS3

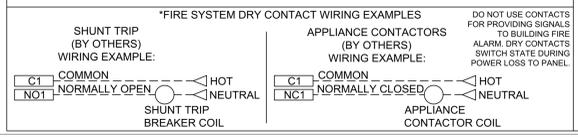
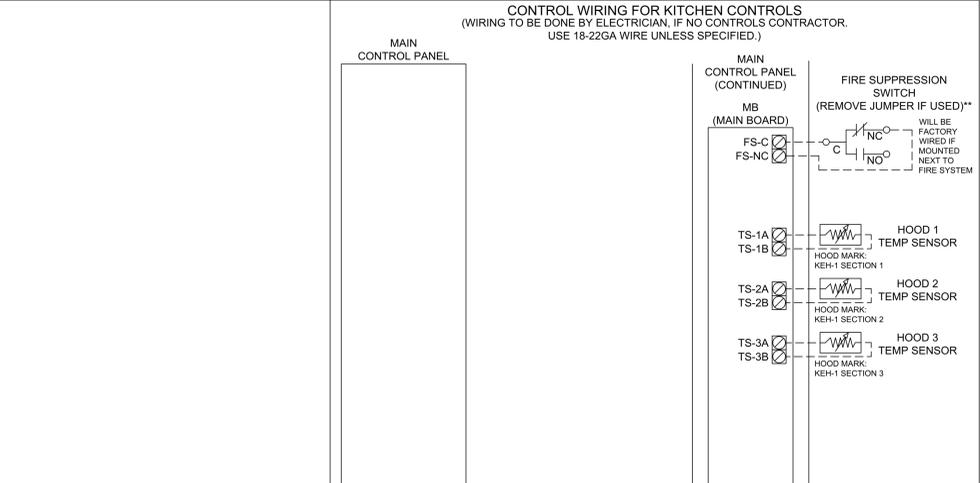
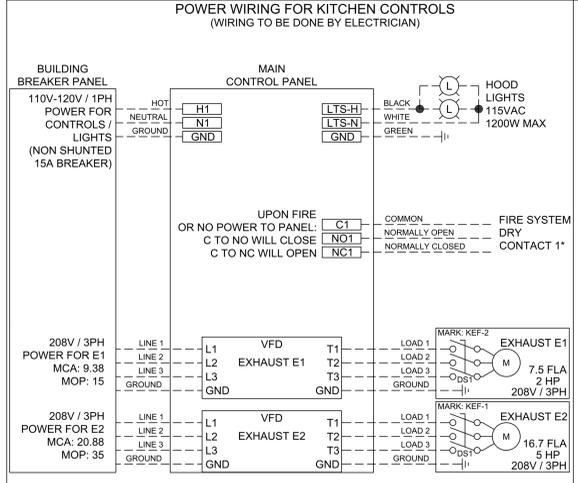
FAN #	TYPE	FAN	FAN MARK	ZONE	MIN CFM	MAX CFM	MODBUS VFD	VFD ADDRESS	MIN FREQ.	MAX FREQ.	MIN VDC	MAX VDC
1	EXHAUST	E1	KEF-2	Z2	1531	3062	YES	1	30	60	-	-
2	EXHAUST	E2	KEF-1	Z1	2589	5178	YES	2	30	60	-	-

MARK	MAIN ELECTRICAL CONTROL PACKAGE		MAIN USER INTERFACE		FANS CONTROLLED											
	MODEL	LOCATION	TYPE	LOCATION	FAN #	TYPE	FAN	FAN MARK	ZONE	CFM	MOTOR HP	MOTOR VOLT	CYCLE	MOTOR PHASE	MOTOR STARTER IN PANEL	VFD IN PANEL
CONTROLS VARIABLE VOLUME	XKC-DCV-S-20-3-1-0	SHIP LOOSE ENCLOSURE	FULL COLOR TOUCHSCREEN	FACE MOUNT ON CONTROL PACKAGE	1	EXHAUST	E1	KEF-2	2	3062	2	208	60	3	NO	YES
					2	EXHAUST	E2	KEF-1	1	5178	5	208	60	3	NO	YES

**CONTROL FEATURES**  
 HOOD LIGHT CONTROL  
 TEMP SENSORS (FACTORY INSTALLED) - QTY. 3  
 DRY FIRE CONTACTS - QTY. 1  
 LIGHTS OFF DURING FIRE  
 EXHAUST MAX DURING FIRE



DOC NUMBER: --- REV: ---  
**CAUTION**  
 UNIT MUST BE GROUNDED IN ACCORDANCE WITH N.E.C. POWER MUST BE OFF WHILE SERVICING.  
**ATTENTION**  
 L'APPAREIL DOIT ÊTRE MIS À LA TERRE CONFORMÉMENT AU CODE C.E.L. L'ALIMENTATION DOIT ÊTRE COUPÉE DURANT L'ENTRETIEN.  
 THESE DRAWINGS SHALL NOT BE REMOVED FROM THIS EQUIPMENT. USE COPPER CONDUCTORS RATED TO 90°C UNLESS SPECIFIED. TORQUE CONTROL & GROUND BOLTS TO 8 LBS. IN. TORQUE POWER LUGS/SCREWS TO COMPONENT RATINGS. LISTED TORQUE CONTROL BOARD SCREW TERMINALS TO 3.5 LBS. IN. FIELD CONTROL WIRING RESISTANCE SHOULD NOT EXCEED 0.75 OHM. SEE (M) FOR ADDITIONAL INFORMATION. OR CALL FACTORY AT 1-800-371-6888.  
 NE PAS RETIRER CES DESSINS DE CET ÉQUIPEMENT. SAUF INDICATION CONTRAIRE, UTILISER DES CONDUCTEURS EN CUIVRE CLASSÉS 90 °C. SERRER LES BORNES DE COMMANDE ET DE MISE À LA TERRE À 8 LBS/PO. SERRER LES COSSÉS/VIS D'ALIMENTATION AUX COUPLES INDICQUÉS POUR LE COMPOSANT. SERRER LES BORNES À VIS DE LA CARTE DE COMMANDE À 3,5 LB-PO. LA RÉSISTANCE DU CÂBLAGE DE COMMANDE LOCAL NE DOIT PAS DÉPASSER 0,75 OHM. POUR PLUS D'INFORMATION, CONSULTEZ LE MANUEL OU APPELEZ 1-800-371-6888.  
 WIRING DIAGRAM CODE: WDC#  
 JOB NAME: FIVE FOUR LEES SUMMIT R1  
 MODEL: XKC-DCV-S-20-3-1-0  
 SERIAL NUMBER: WDSN#  
 MARK: CONTROLS VARIABLE VOLUME



\*\*WHEN FIRE SYSTEM IS ARMED, FS-C TO FS-NC SHOULD HAVE CONTINUITY

**REVISIONS**

DATE	NO.	DESCRIPTION

**FIVE FOUR**  
301 SW OLDHAM PARKWAY  
LEE'S SUMMIT, MO

PROJECT PHASE: FOODSERVICE EQUIPMENT	
DATE: 11/12/2024	PROJECT #: 2024136
DRAWN BY: JLH	APPROVED BY: NLB

SHEET TITLE:  
**HOODS**

SHEET NUMBER:  
**QF1200**

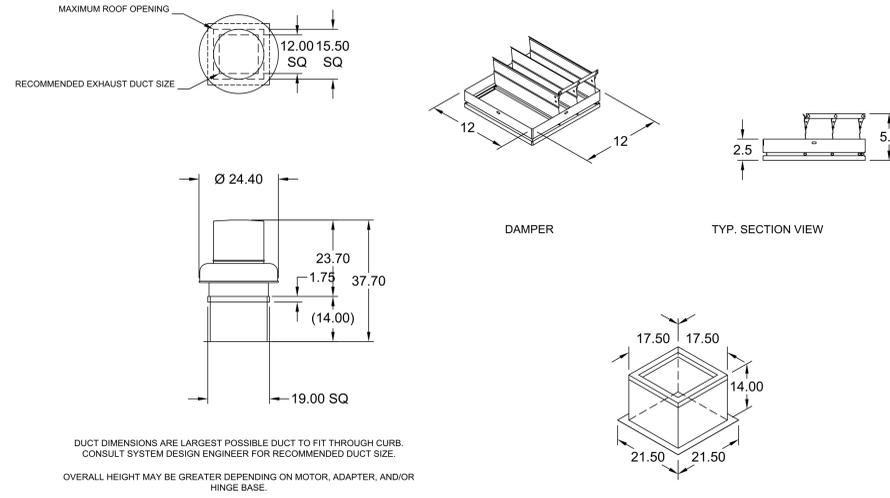
**Direct Drive Centrifugal Roof Exhaust Fan**

MARK INFORMATION		FAN INFORMATION							SOUND INFORMATION					MOTOR INFORMATION										
MARK	QTY	MODEL	DRIVE TYPE	VOLUME (CFM)	EXTERNAL SP (IN. WG)	TOTAL EXTERNAL SP (IN. WG)	FAN SPEED (RPM)	OUTLET VELOCITY (FT/MIN)	FEI	TOTAL WEIGHT (LB)	INLET dBA	INLET SONES	INLET SONES (SPHERICAL)	OUTLET dBA	OUTLET SONES	OPERATING POWER (HP)	MOTOR SIZE (HP)	FEP INPUT POWER (KW)	ENCLOSURE	VOLTAGE	CYCLE	PHASE	EC MOTOR	NEC FLA*
DWEF-1	1	XRED-100-A	Direct	1,050	0.6	0.702	1,725	1,262.05	0	50	60.44	10.18	0	0	0	0.28	0.333	0	OP	115	60	1	No	7.2

\*NEC FLA - Based on table 430.250 or 430.248 of National Electrical Code 2020. Actual motor FLA may vary for sizing thermal overload, consult factory"

**DWEF-1 : SELECTED OPTIONS AND ACCESSORIES**

Curb Cap Size - 19 Square  
UL/cUL 705 Listed - "Power Ventilators"  
Switch, NEMA-1, Toggle,  
Foam Curb Seal (Factory Applied)  
Damper Shipped Loose, BD-100-PB-12X12, Gravity Operated, Not Coated, Nominal Size  
Birdscreen: Aluminum, nom. 86% Free Area  
Aluminum Wheel Material  
Conduit Chase Qty 1



PROJECT: 9/10/2025  
 MARK: FIVE FOUR LEES SUMMIT R1  
 DWEF-1  
 ACCUREX KS NE WESTERN MO  
 ROBERT.KNUST@ACCUREX.COM  
 ROBERT.KNUST (816)888-9742  
**ACCUREX**

**REVISIONS**

DATE	NO.	DESCRIPTION

**FIVE FOUR**  
 301 SW OLDHAM PARKWAY  
 LEE'S SUMMIT, MO

PROJECT PHASE: FOODSERVICE EQUIPMENT	
DATE: 11/12/2024	PROJECT #: 2024136
DRAWN BY: JLH	APPROVED BY: NLB

SHEET TITLE:  
**WALK-IN**

SHEET NUMBER:  
**QF1300**

**WALK - IN SPECIFICATIONS**

UL LISTED NSF

**SCREEDS LAYOUT**

DRAWING #: A.2750904  
UNIT #: 001  
ORDER #:

**KOLPAK**

FIVE FOUR DISPLAY COOLER  
N/A  
LESS SUMMIT, MO 64002 USA

TRIMARK - HOCKENBERG'S  
EQUIPMENT & SUPPLY CO

SHEET #  
AD-3 of 5

**ATTENTION**

**SUBMITTAL DRAWING NOT INTENDED FOR INSTALLATION AS-BUILT DRAWING FOR INSTALLATION WILL BE AVAILABLE AFTER ORDER IS PLACED.** HARD COPY OF AS-BUILT DRAWING WILL BE IN ADDITIONAL 300 YOUTH PAGES IN SUPPLEMENT TO THIS SET. ALL AS-BUILT DRAWINGS SHOW PART NUMBERS AND DIMENSIONS FOR VIEWS.

1. ALL WALK-INS ARE DESIGNED FOR INDOOR APPLICATION UNLESS NOTED OTHERWISE.

2. PANELS WITH HIGH TRAFFIC AREAS OR HIGH TRAFFIC AREAS SHOULD BE ORDERED WITH AN ANTI-SCUFF FINISH. ALL PANELS SHOULD BE ORDERED WITH AN ANTI-SCUFF FINISH. ALL PANELS SHOULD BE ORDERED WITH AN ANTI-SCUFF FINISH. ALL PANELS SHOULD BE ORDERED WITH AN ANTI-SCUFF FINISH.

3. ALL WALK-INS ARE DESIGNED FOR INDOOR APPLICATION UNLESS NOTED OTHERWISE.

4. ALL WALK-INS ARE DESIGNED FOR INDOOR APPLICATION UNLESS NOTED OTHERWISE.

5. ALL WALK-INS ARE DESIGNED FOR INDOOR APPLICATION UNLESS NOTED OTHERWISE.

6. ALL WALK-INS ARE DESIGNED FOR INDOOR APPLICATION UNLESS NOTED OTHERWISE.

7. ALL WALK-INS ARE DESIGNED FOR INDOOR APPLICATION UNLESS NOTED OTHERWISE.

8. ALL WALK-INS ARE DESIGNED FOR INDOOR APPLICATION UNLESS NOTED OTHERWISE.

9. ALL WALK-INS ARE DESIGNED FOR INDOOR APPLICATION UNLESS NOTED OTHERWISE.

10. ALL WALK-INS ARE DESIGNED FOR INDOOR APPLICATION UNLESS NOTED OTHERWISE.

11. ALL WALK-INS ARE DESIGNED FOR INDOOR APPLICATION UNLESS NOTED OTHERWISE.

12. ALL WALK-INS ARE DESIGNED FOR INDOOR APPLICATION UNLESS NOTED OTHERWISE.

13. ALL WALK-INS ARE DESIGNED FOR INDOOR APPLICATION UNLESS NOTED OTHERWISE.

14. ALL WALK-INS ARE DESIGNED FOR INDOOR APPLICATION UNLESS NOTED OTHERWISE.

15. ALL WALK-INS ARE DESIGNED FOR INDOOR APPLICATION UNLESS NOTED OTHERWISE.

16. ALL WALK-INS ARE DESIGNED FOR INDOOR APPLICATION UNLESS NOTED OTHERWISE.

17. ALL WALK-INS ARE DESIGNED FOR INDOOR APPLICATION UNLESS NOTED OTHERWISE.

18. ALL WALK-INS ARE DESIGNED FOR INDOOR APPLICATION UNLESS NOTED OTHERWISE.

19. ALL WALK-INS ARE DESIGNED FOR INDOOR APPLICATION UNLESS NOTED OTHERWISE.

20. ALL WALK-INS ARE DESIGNED FOR INDOOR APPLICATION UNLESS NOTED OTHERWISE.

**FOR APPROVAL**

YOU MUST REVIEW ALL NOTES, DETAILS, DIMENSIONS, FINISHES, DOOR SIZES, LOCATIONS AND SWINGS.

APPROVAL NO CHANGE REQUIRED, MANUFACTURE AS DRAWN.

APPROVED AS NOTED: MAKE REQUIRED CHANGES AND MANUFACTURE AS DRAWN.

NOT APPROVED: DESIGN CHANGES REQUIRE DRAWING, REVISION AND RESUBMISSION.

DATE: \_\_\_\_\_ BY: \_\_\_\_\_

**KOLPAK INSTALLATION MANUAL**



**REVISIONS**

DATE	NO.	DESCRIPTION

**FIVE FOUR**  
 301 SW OLDHAM PARKWAY  
 LEE'S SUMMIT, MO

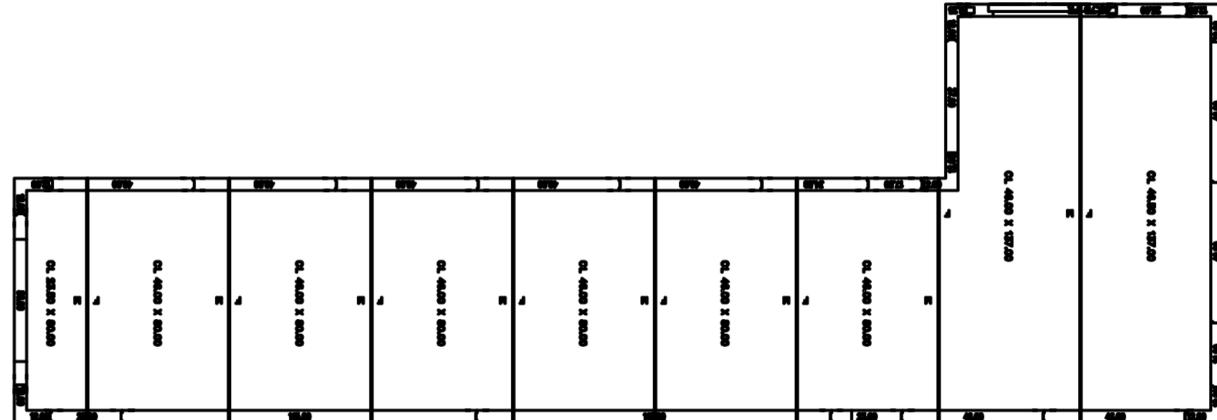
PROJECT PHASE: FOODSERVICE EQUIPMENT	
DATE: 11/12/2024	PROJECT #: 2024136
DRAWN BY: JLH	APPROVED BY: NLB

SHEET TITLE:  
**WALK-IN**

SHEET NUMBER:  
**QF1500**

**WALK - IN SPECIFICATIONS**





CEILING LAYOUT

DRAWING #: A2750904  
UNIT #: 001  
ORDER #:



FIVE FOUR DISPLAY COOLER  
LESS SUMMIT, MO 64002 USA

TRIMARK - HOCKENBERG'S  
EQUIPMENT & SUPPLY CO

**ATTENTION**

1. SUBMITTAL DRAWING NOT INTENDED FOR INSTALLATION. AS-BUILT DRAWING FOR INSTALLATION WILL BE AVAILABLE AFTER ORDER IS PLACED. HARD COPY OF AS-BUILT DRAWING WILL BE IN PROGRESS BOX WITH BILLS OF MATERIAL TO SUBMIT. ALL AS-BUILT DRAWINGS SHOW PART NUMBER AND DIMENSION PLAN VIEWS.

2. ALL WALK INS ARE DESIGNED FOR INDOOR APPLICATION UNLESS NOTED OTHERWISE.

3. PANELS WITH NON-TEXTURED AND/OR NON-ROSSIBLE PANEL FINISHES (SMOOTH FINISHES) ON THE EXTERIOR AND INTERIOR SIDES MAY FOREGOY "ICE CANNY" AND PLAINNESS IMPROVEMENTS ON THE SURFACE. ONLY STANDARD FINISHES HAVE A STYLED FINISHED TEXTURE ON BOTH SIDES THAT HELPS TO REDUCE ICE CANNY AND ANY OTHER IMPROVEMENTS TO THE FINISHED SURFACE. PLEASE EXAMINE ALL PHOTOGRAPHS, SPECIFICATIONS AND YOUR SPECIFICATION PACKETS. SELECT THE FINISHES AND FINISHES ARE THERE. WE ARE NOT COVERED FROM FINISHED FINISHES.

4. PENETRATIONS AND SEALING OF ARE THE RESPONSIBILITY OF OTHERS.

5. FOR FINISHES AND PANELS AFTER RECEIPT OR DELIVERY TO THE SITE, THE USER SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE FINISHES AND PANELS. THE USER SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE FINISHES AND PANELS. THE USER SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE FINISHES AND PANELS.

6. GENERAL CONTRACTOR TO REFER TO DESIGN AND SPECIFICATION MANUAL FOR FLOOR DETAIL INFORMATION.

7. SEAMLESS TOP OF CONCRETE TO LOOK APPLICABLE. METAL PANELS SHALL NOT BE EXPOSED TO STAINING DUE TO EXCESSIVE HUMIDURE. GENERAL CONTRACTOR MUST ALSO BE RESPONSIBLE FOR THE PROTECTION OF THE FINISHES AND PANELS. THE USER SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE FINISHES AND PANELS.

8. PANEL LAYOUT FOR CHANGE SUBJECT TO OPTIMAL FINISHES. USER SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE FINISHES AND PANELS. THE USER SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE FINISHES AND PANELS.

9. WALK IN TOP IS NOT DESIGNED FOR FOOT TRAFFIC OR STORAGE UNLESS NOTED OTHERWISE.

10. IF CONDENSING UNIT IS LOCATED IN THE INTERIOR OF WALK-IN, A MINIMUM OF 4" OF CLEARANCE IS REQUIRED AROUND TOP AND SIDES.

11. FLOOR, CURB, AND PWT DETAIL ARE FOR GENERAL REFERENCE ONLY. THESE DRAWINGS SHOULD NOT BE USED OR INCORPORATED IN THE DESIGN OR CONSTRUCTION OF THE WALK-IN UNLESS THEY ARE THE ONLY DRAWING PROVIDED BY A QUALIFIED ARCHITECT.

12. THE FLOOR FINISHES AND FINISHES SHALL BE THE RESPONSIBILITY OF THE USER. THE USER SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE FINISHES AND PANELS.

13. ALL WALK INS COMPLY WITH INTERNATIONAL ENERGY CONSERVATION CODE (IECC) SECTION 603.1.1. ALL WALK INS COMPLY WITH INTERNATIONAL ENERGY CONSERVATION CODE (IECC) SECTION 603.1.1. ALL WALK INS COMPLY WITH INTERNATIONAL ENERGY CONSERVATION CODE (IECC) SECTION 603.1.1.

14. FLOORING NOT DESIGNED FOR WET MOPPING, PALLET JACKS OR FORKTRUCKS.

15. KOLPAK AND HOCKENBERG'S WALK-INS ARE COMPLIANT WITH UL STANDARDS. THE PANELS ARE UL222, UL FILE LISTING REF: THE DOORS ARE UL10, UL FILE LISTING REF: THE DOORS ARE UL10.

**FOR APPROVAL**

**YOU MUST REVIEW ALL NOTES, DETAILS, DIMENSIONS, FINISHES, DOORS, SIZES, LOCATIONS AND FINISHES.**

**APPROVAL:** NO CHANGE REQUIRED, MANUFACTURE AS DRAWN.

**APPROVAL AS NOTED:** MAKE REQUIRED CHANGES AND MANUFACTURE AS DRAWN.

**NOT APPROVED:** DESIGN CHANGES REQUIRE DRAWING REVISION AND RESUBMISSION.

DATE: \_\_\_\_\_ BY: \_\_\_\_\_

**KOLPAK**  
INSTALLATION  
MANUAL

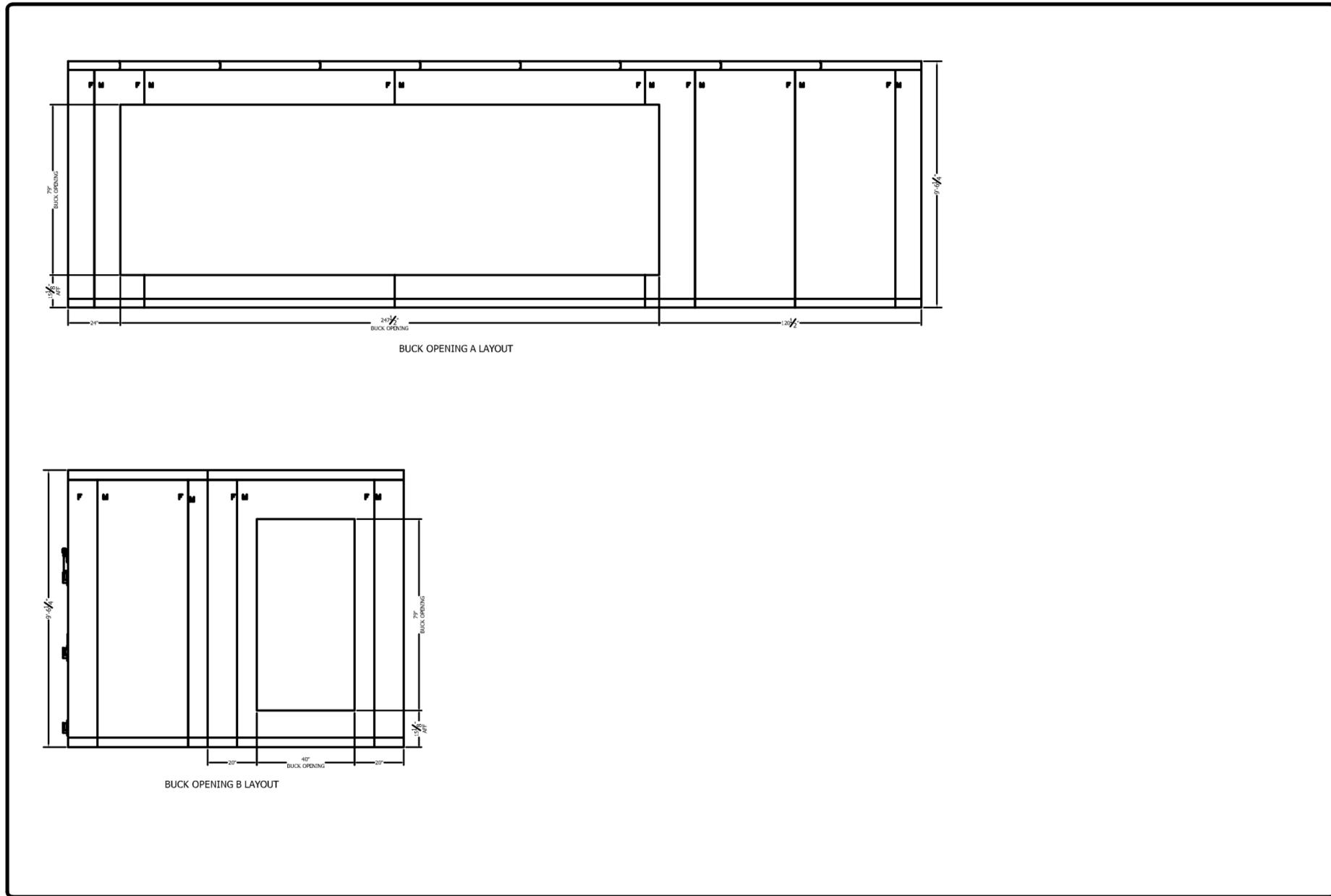


This document contains confidential information, is an instrument of a professional service, and the property of TriMark. It shall not be used on other projects or for the extension of this project without TriMark's written approval.

Owner and all Contractors to check and verify existing dimensions and conditions in the field before starting construction and to notify TriMark of any material or detail changes.

**REVISIONS**

DATE	NO.	DESCRIPTION



DRAWING #A27000R4  
 UNIT #D01  
 ORDER #:  
**KOLPAK**  
 FIVE FOUR DISPLAY COOLER  
 N/A  
 LEES SUMMIT, MO 64002 USA  
**TRIMARK - HOCKENBERG'S**  
**EQUIPMENT & SUPPLY CO**  
 SHEET #  
 AD-4 of 5

**FIVE FOUR**

301 SW OLDHAM PARKWAY  
LEE'S SUMMIT, MO

PROJECT PHASE: FOODSERVICE EQUIPMENT

DATE: 11/12/2024	PROJECT #: 2024136
DRAWN BY: JLLH	APPROVED BY: NLB

SHEET TITLE:  
**WALK-IN**

SHEET NUMBER:  
**QF1600**

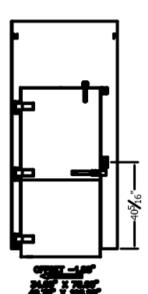
**REVISIONS**

DATE	NO.	DESCRIPTION

**FRAME**  
RECESSED 1/2" WITH 1/2" LEVELING SAND AND 1/2" TILE AND GROUT  
EXT: GALVALUME - EMBOSSED 26 GA  
INT: GALVALUME - EMBOSSED 26 GA

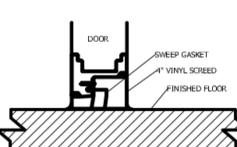
**PLUS:**  
EXT: GALVALUME - EMBOSSED 26 GA  
EXT: ALUMINATE ALUM. BRD. 1/2" DIAM END TREAD 3/8" HIGH  
INT: GALVALUME - EMBOSSED 26 GA

**HARDWARE AND ACCESSORIES:**  
(1) 15/64" ELECTRICAL  
(1) DOOR CLOSER - KASON 1094 (STD)  
(1) HANDLE - KASON 27C BRUSHED CHROME  
(1) STRIKE - KASON 1248 BRUSHED CHROME ADJUSTABLE / SPRING ASSISTED (STD)  
(1) LIGHT FIXTURE - KASON 180 LED WARM GLOBE AND NIGHT LIGHT FT. 120V 50/60HZ (STD)  
(1) SWITCH THERMOMETER COMBO - KASON 1967A2 20FT. LEAD, 120V 50/60HZ FT. (WEATHERPROOF -WAW)  
(1) VENT - PRESSURE RELIEF, HEATED 120V 50/60HZ (STD)

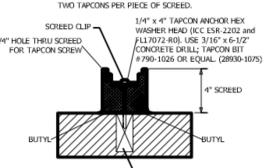


**DW-1**

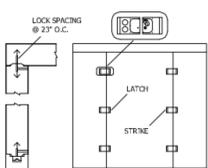
DOOR ELECTRICAL INFORMATION				
DESCRIPTION	QTY	VOLT	AMP	AMP LOAD
HEATED AIR VENT	1	115	0.04	0.04
KASON 1967 SWITCH THERMOMETER COMBO	1	115	0.02	0.02
LED LIGHT	1	115	0.1	0.1
115 VOLT, SINGLE PHASE, 60 Hz, TOTAL DOOR AMPS				0.16



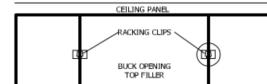
**1** DETAIL - 4IN VSCP



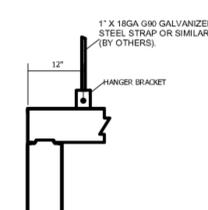
**2** DETAIL - 4IN VINYL SCRIBED MOUNTING



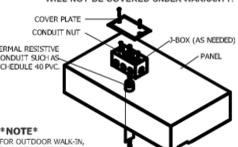
**3** DETAIL - PANEL CONNECTION AT 4IN VINYL SCRIBES



**4** DETAIL - BULK OPENING RACKING CLIP



**5** DETAIL - CEILING SUSPENSION AT OPENING



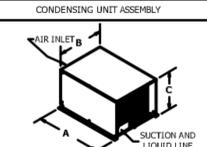
**6** DETAIL - ELECTRICAL CONDUIT PENETRATION

COMPARTMENT		CONDENSING UNIT																						
DESCRIPTION	TEMP F	WI	QTY	MODEL #	REFRIGERANT	COMPRESSOR TYPE	DIMENSIONS				COMPRESSOR				CONDENSER FAN MTR				TOTAL MX AMP DISC	CONNECTIONS O.D.		RCV CAP @ 90% FULL (lbs)		
							L (A)	W (B)	H (C)	LRB	HP	RLA	LRA	V	HZ	Φ	ELA	V	Φ	AMPS	SUCT	LIQ		
C01 DISPLAY COOLER			2	KPC148MZ0P-2E	R404A	SCROLL	33	25.5	19.25	163	1 1/2	12	56	208-230	60	1	1.2	208-230	1	13.4	25	7/8	3/8	10.4

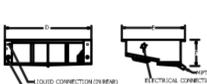
  

COMPARTMENT		UNIT COOLER																						
DESCRIPTION	TEMP F	WI	QTY	MODEL #	REFRIGERANT	DIMENSIONS				FAN				HEATER				CONNECTIONS O.D.						
				(DEFROST-AIR F-ELECTRIC)		L (D)	W (E)	H (F)	LRB	TOTAL AMPS	V	TOTAL AMPS	V	Φ	SUCT	LIQ	DRAIN							
C01 DISPLAY COOLER			2	KAS1A55-122-1EC-PR-4	R404A	115.1875	19.8125	9.1875	185	2.9	115	0	N/A	0	1 1/8	1/2	3/4							

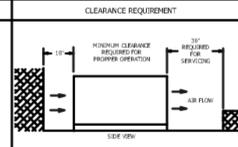
**CONDENSING UNIT ASSEMBLY**



EVAPORATOR - MODEL SLA, SLE, ASLA, ASLE, TL



**CLEARANCE REQUIREMENT**



**NOTE:** AT EVERY ENTRANCE CONDUIT, FORCE SEALANT AROUND THE EXTERIOR OF THE ELECTRICAL CONDUIT AND INSIDE THE CONDUIT AROUND THE WIRES. FAILURE TO ELIMINATE AIRFLOW IN THE CONDUIT WILL ALLOW MOISTURE TO DAMAGE ELECTRICAL COMPONENTS ESPECIALLY LIGHTS WHICH WILL NOT BE COVERED UNDER WARRANTY.

**\*NOTE\*** FOR OUTDOOR WALK-IN, DO NOT PENETRATE CEILING PANELS. LEAD WIRES TO BE PULLED THROUGH CONDUIT.

DRAWING #: A27509084  
UNIT #: 001  
ORDER #:  
**KOLPAK**  
FIVE FOUR DISPLAY COOLER  
N/A  
LEES SUMMIT, MO 64002 USA  
**TRIMARK - HOCKENBERG'S EQUIPMENT & SUPPLY CO**  
SHEET #  
AD-5 of 5

**FIVE FOUR**

301 SW OLDHAM PARKWAY  
LEES SUMMIT, MO

PROJECT PHASE:  
FOODSERVICE EQUIPMENT

DATE: 11/12/2024	PROJECT #: 2024136
DRAWN BY: JLH	APPROVED BY: NLB

SHEET TITLE:  
**WALK-IN**

SHEET NUMBER:  
**QF1700**



**REVISIONS**

DATE	NO.	DESCRIPTION

**DW-1**

FRAME: RECESSED 1/2" WITH 1" LEVELING SAND AND 1" TILE AND GROUT  
EXT: GALVALUME - EMBOSSED 26 GA  
INT: GALVALUME - EMBOSSED 26 GA

PLUG:  
EXT: GALVALUME - EMBOSSED 26 GA  
EXT: KICKPLATE, ALUM 363 DIAMOND TREAD 36" HIGH  
INT: GALVALUME - EMBOSSED 26 GA

HARDWARE AND ACCESSORIES:  
(1) 115V/60Hz ELECTRICAL  
(1) DOOR CLOSER - KASON 1094 (STD)  
(1) HANDLE - KASON 28 WITH LOCKING ASSEMBLY (STD)  
(1) HEATER WIRE, 1 WATT / FT  
(2) HINGE - KASON 1346 BRUSHED CHROME ADJUSTABLE / SPRING ASSISTED (STD)  
(1) LIGHT CENTERED OVER DOOR OPENING  
(1) LIGHT FIXTURE - KASON 1803 LED W/IRLUB, GLOBE AND NIGHTLIGHT 120V 50/60HZ (STD)  
(1) SWITCH THERMOMETER COMBO - KASON 1807-A2, 20FT LEAD, 120V 50/60HZ FIC (WEATHERPROOF 1-WAY)  
(1) THRESHOLD, STAINLESS STEEL, 14 GA  
(1) VENT - PRESSURE RELIEF, HEATED, 120V 50/60HZ (STD)

DOOR ELECTRICAL INFORMATION				
DESCRIPTION	QTY	VOLT	AMP	AMP LOAD
HEATED AIR VENT	1	115	2.04	0.04
HEATER WIRE	1	115	0.8	0.8
KASON 1807 SWITCH/THERMOMETER COMBO	1	115	0.02	0.02
LED LIGHT	1	115	0.1	0.1
115 VOLT SINGLE PHASE, 60 Hz, TOTAL DOOR AMPS				0.36

**DW-2**

FRAME: RECESSED 1/2" WITH 1" LEVELING SAND AND 1" TILE AND GROUT  
EXT: GALVALUME - EMBOSSED 26 GA  
INT: GALVALUME - EMBOSSED 26 GA

PLUG:  
EXT: GALVALUME - EMBOSSED 26 GA  
EXT: KICKPLATE, ALUM 363 DIAMOND TREAD 36" HIGH  
INT: GALVALUME - EMBOSSED 26 GA

HARDWARE AND ACCESSORIES:  
(1) 115V/60Hz ELECTRICAL  
(1) DOOR CLOSER - KASON 1094 (STD)  
(1) HANDLE - KASON 28 WITH LOCKING ASSEMBLY (STD)  
(1) HEATER WIRE, 1 WATT / FT  
(2) HINGE - KASON 1346 BRUSHED CHROME ADJUSTABLE / SPRING ASSISTED (STD)  
(1) LIGHT CENTERED OVER DOOR OPENING  
(1) LIGHT FIXTURE - KASON 1803 LED W/IRLUB, GLOBE AND NIGHTLIGHT 120V 50/60HZ (STD)  
(1) SWITCH THERMOMETER COMBO - KASON 1807-A2, 20FT LEAD, 120V 50/60HZ FIC (WEATHERPROOF 1-WAY)  
(1) THRESHOLD, STAINLESS STEEL, 14 GA

DOOR ELECTRICAL INFORMATION				
DESCRIPTION	QTY	VOLT	AMP	AMP LOAD
HEATED AIR VENT	1	115	2.04	0.04
HEATER WIRE	1	115	0.8	0.8
KASON 1807 SWITCH/THERMOMETER COMBO	1	115	0.02	0.02
LED LIGHT	1	115	0.1	0.1
115 VOLT SINGLE PHASE, 60 Hz, TOTAL DOOR AMPS				0.36

**DW-3**

FRAME: RECESSED 1/2" WITH 1" LEVELING SAND AND 1" TILE AND GROUT  
EXT: GALVALUME - EMBOSSED 26 GA  
INT: GALVALUME - EMBOSSED 26 GA

PLUG:  
EXT: GALVALUME - EMBOSSED 26 GA  
EXT: KICKPLATE, ALUM 363 DIAMOND TREAD 36" HIGH  
INT: GALVALUME - EMBOSSED 26 GA

HARDWARE AND ACCESSORIES:  
(1) 115V/60Hz ELECTRICAL  
(1) DOOR CLOSER - KASON 1094 (STD)  
(1) HANDLE - KASON 28 WITH LOCKING ASSEMBLY (STD)  
(1) HEATER WIRE, 1 WATT / FT  
(2) HINGE - KASON 1346 BRUSHED CHROME ADJUSTABLE / SPRING ASSISTED (STD)  
(1) LIGHT CENTERED OVER DOOR OPENING  
(1) LIGHT FIXTURE - KASON 1803 LED W/IRLUB, GLOBE AND NIGHTLIGHT 120V 50/60HZ (STD)  
(1) SWITCH THERMOMETER COMBO - KASON 1807-A2, 20FT LEAD, 120V 50/60HZ FIC (WEATHERPROOF 1-WAY)  
(1) THRESHOLD, STAINLESS STEEL, 14 GA

DOOR ELECTRICAL INFORMATION				
DESCRIPTION	QTY	VOLT	AMP	AMP LOAD
HEATER WIRE	1	115	0.8	0.8
KASON 1807 SWITCH/THERMOMETER COMBO	1	115	0.02	0.02
LED LIGHT	1	115	0.1	0.1
115 VOLT SINGLE PHASE, 60 Hz, TOTAL DOOR AMPS				0.36

**1 DETAIL - 4IN FLOOR-RAMP**

**2 DETAIL - 4IN VSCD-HTR WIRE**

**3 DETAIL - FOOT-LIGHT ROLLING CART FLOOR CONSTRUCTION**

**4 DETAIL - PANEL CONNECTION AT FLOORS OR METAL SCREENS**

**5 DETAIL - PANEL CONNECTION AT 4IN VINYL SCREENS**

**6 DETAIL - 4IN VINYL SCREEN WITH TAPCON ANCHOR**

**7 DETAIL - TAPCON ANCHOR WITH FLOOR**

**8 DETAIL - BACKING CLIP**

**9 DETAIL - FLAP TO CEILING MOUNT**

**10 DETAIL - ELECTRICAL CONDUIT PENETRATION**

**CONCRETE SLAB ASSUMED TO BE 4" MINIMUM THICKNESS AND 2500PSI MINIMUM COMPRESSIVE STRENGTH**

IF REQUIRED, PLACE LEVELING SAND AT EACH SCREW LOCATION TO MAINTAIN LEVEL FLOOR.

FINISH FLOOR: 1/4" x 4" TAPCON ANCHOR, PHILLIPS FLAT HEAD ICC-ES E-2002 and E-12072 (40). USE 3/16" x 6-1/2" CONCRETE DRILL BIT #780-1858 OR EQUAL; DRILL THRU-HOLE.

FASTENER AT 11.5" ON CENTER

**NOTE:** REQUIRED FASTENERS SUPPLIED IN MOUNTING KIT. KIT INCLUDES NYLON FASTENERS TO PREVENT THERMAL TRANSFER. DO NOT USE METAL FASTENERS TO MOUNT EVAPORATOR.

**\*NOTE\*** FOR OUTDOOR INSTALLATION, DO NOT PENETRATE CEILING PANELS. LEAD WIRES TO BE PULLED THROUGH CONDUIT.

DRAWING #: A-27948R02  
UNIT #: 001  
ORDER #:

**KOLPAK**

FIVE FOUR COMBO  
LEES SUMMIT, MO 64002 USA

**TRIMARK - HOCKENBERG'S  
EQUIPMENT & SUPPLY CO**

SHEET #:  
AD-2 of 2

COMPARTMENT		CONDENSING UNIT																		CONDENSING UNIT ASSEMBLY		CLEARANCE REQUIREMENT		
DESCRIPTION	TEMP. F.	WT.	QTY	MODEL #	REFRIGERANT	COMPRESSOR TYPE	DIMENSIONS						COMPRESSOR		CONDENSER FAN MTR		TOTAL		CONNECTIONS O.D.		RCV CAP			
							L (A)	W (B)	H (C)	LBS	HP	R/A	LRA	V	HZ	Φ	E/A	V	Φ	SUCT	LIQ	DRAIN		
C02 COOLER 2	35	1	1	KPC98M20P-2E	R448A	SCROLL	33	25.5	19.25	169	1	10	40.3	208-230	60	1	1.2	208-230	1	11.4	20	5/8	3/8	10.4
C01 COOLER 1	35	1	1	KPC68M20P-2E	R448A	SCROLL	33	25.5	19.25	152	3/4	6.3	48	208-230	60	1	0.5	208-230	1	7	15	5/8	3/8	5.8
F01 FREEZER	-10	1	1	KPC248L20P-2E	R448A	SCROLL	33	40.125	22.25	213	2 1/2	16.5	73	208-230	60	1	2.4	208-230	1	19.1	35	7/8	3/8	13.6

COMPARTMENT		UNIT COOLER																		
DESCRIPTION	TEMP. F.	WT.	QTY	MODEL #	REFRIGERANT	COMPRESSOR TYPE	DIMENSIONS						FAN		HEATER		CONNECTIONS O.D.			
				(DEFROST-A-AIR-E-ELECTRIC)			L (D)	W (E)	H (F)	LBS	TOTAL AMPS	V	HZ	TOTAL AMPS	V	Φ	SUCT	LIQ	DRAIN	
C02 COOLER 2	35	1	1	KAP26-094-TEC-PR-8	R448A		43.625	15.5	16.75	55	1.6	115	0	N/A	0	5/8	3/8	3/4		
C01 COOLER 1	35	1	1	KAP26-073-TEC-PR-8	R448A		43.625	15.5	16.75	52	1.6	115	0	N/A	0	5/8	3/8	3/4		
F01 FREEZER	-10	1	1	KEL26-066-TEC-PR-8	R448A		43.625	15.5	16.75	52	1.6	115	0	208-230	9.8	208-230	1	7/8	3/8	3/4

**FIVE FOUR**  
 301 SW OLDHAM PARKWAY  
 LEES SUMMIT, MO

PROJECT PHASE:  
FOODSERVICE EQUIPMENT

DATE: 11/12/2024	PROJECT #: 2024136
DRAWN BY: JLH	APPROVED BY: NLB

SHEET TITLE:  
**WALK-IN**

SHEET NUMBER:  
**QF1900**