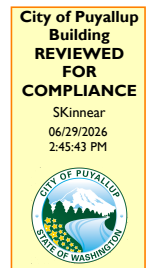


Subject: Walk-In Condenser Quantity**Date:** 29-May-2026**Project:** Good Sam Kitchen**Calculations required to be provided by
the Permittee on site for all Inspections****Job:** 2597036**To:** Perkins & Will Architects
Daniel Zebron**Required:** 05-Jun-2026**Address:** 1250 Broadway, Suite 200
New York, NY 10001 US**Cost Impact:** Potentially**Phone:** (212) 251- 7000**Fax:****Schedule Impact:** Potentially**Entered By:** Alex Lyon**Co-Author:****Contact:****Co-Author RFI Number:****Phone:****Reference:****Request:**

Per the approved submittal's for the condensers and contract drawings, there were 6 condensers in the drawings for the Walk-in cooler, freezer, and in process cooler.

In ASI-2 per the drawings, the number of condensers increased by a total number of 1.
Please confirm how many compressors are located on the project.

Please confirm the number of condensing units located in the General Freezer.

**Suggestion:****Answered By:** PW-ML**Date:** 6/11/2026**Signed:** PW-ML

It is confirmed that 7 total condensers are required. The new condenser is to be air cooled and located in an exterior space under an overhang adjacent to the in-process coolers. Plan location provided on page 3.

Air-cooled condenser spec (for reference) provided by Ed Don, GC to verify. Pages 4-7.

Answer:

Installation clearances (for reference) provided by Ed Don on Page 8.

Attachments: 2597036-00199

Please confirm this is correct

Hi Alex,

I have reached out to Imperial Brown to see how many compressors there are for this project. There were always 6. One for each walk in.

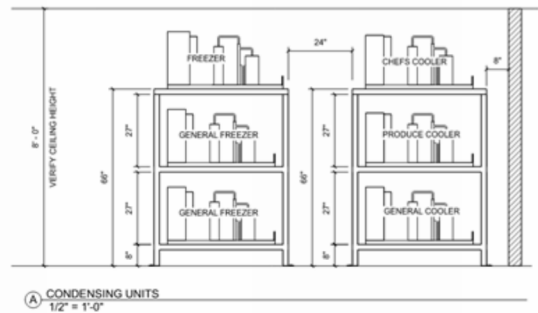
Now in ASI 02 they are showing 2 compressors for the General Freezer. I have never seen a walk in with 2 separate compressors. I am hoping this an error when switching to water cooled.

CCD Set

A15	LOT	PRODUCE COOLER STORAGE SHELVING	METRO	MAX
A16	2	BLOWER COIL - 10"	IMPERIAL BROWN	CUST
A17	1	REMOTE CONDENSING UNIT	IMPERIAL BROWN	CUST
A18	LOT	GENERAL FREEZER QWIK TRAK SHELVING	METRO	MAX

ASI 02

A15	LOT	PRODUCE COOLER STORAGE SHELVING	METRO
A16	2	BLOWER COIL - 10"	IMPERIAL BROWN
A17	2	WATER-COOLED REMOTE CONDENSING UNIT	IMPERIAL BROWN
A18	LOT	GENERAL FREEZER QWIK TRAK SHELVING	METRO



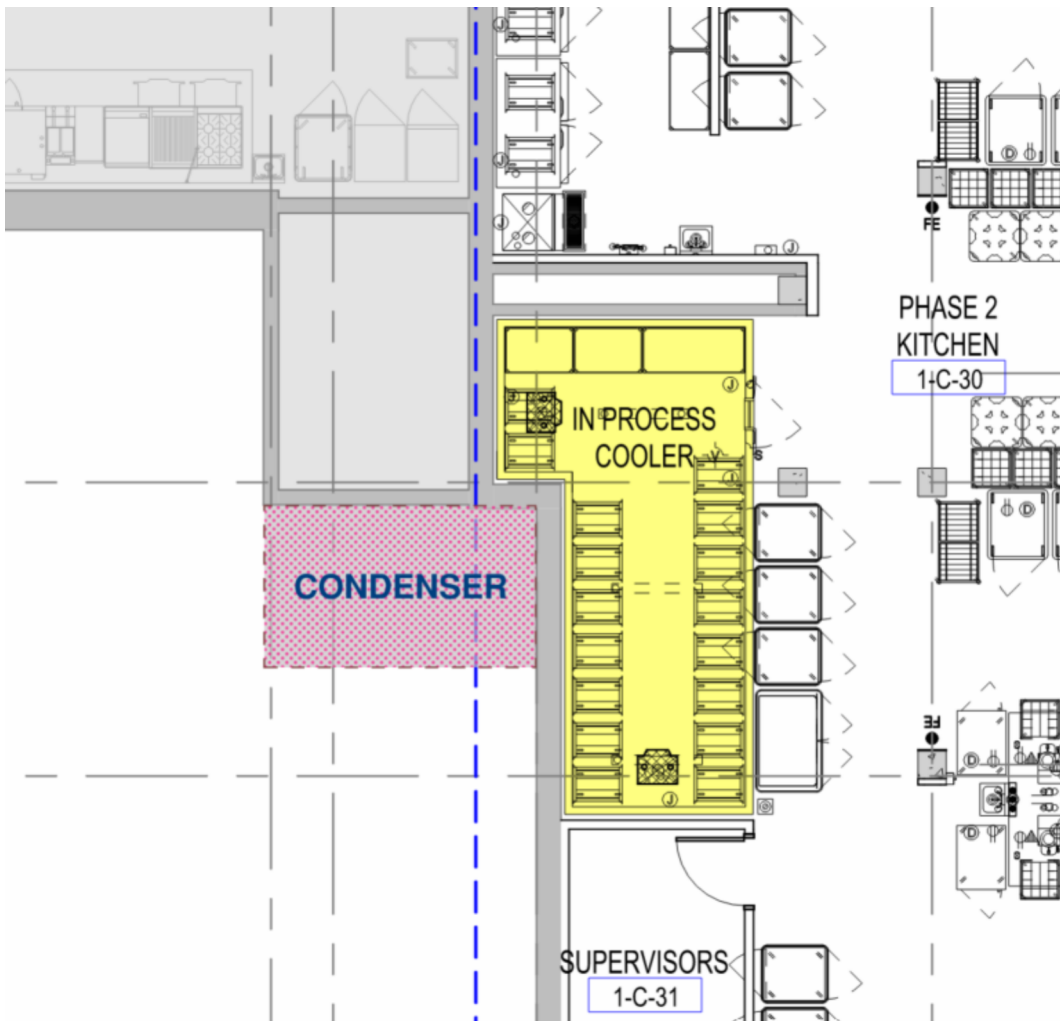
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Installation clearances (for reference) provided by Ed Don on Page 8.

PW-ML 2026-06-11

The new condenser is to be air cooled and located in an exterior space adjacent to the in-process coolers. Plan location indicated in red hatch.
PW-ML 2026-06-11





Box Load Calculation

Quote/Order #
24-IB-11801

Imperial Brown (Portland Division) - 198 SE 223rd Ave. - Gresham, OR 97030
Phone: (800) 238.4093 - Fax: (503) 665.2929
Internet: imperialbrown.com

CCB #0091759

Box #: 3
Box Description: 21' - 11" x 11' - 4" x 7' - 8 1/8" L-shaped indoor in process cooler (+35°F) (no floor)

System Name: In Process Cooler (ITEMS #D56, D57)
Holding Temp. (° F): 35 Ambient Temp. @ Chamber (° F): 85
Altitude (Ft.): 36 Ambient Temp. @ Cond. Unit (° F): 95
RH %: 90%

System Summary: (1) RFON150E4AEA-NT w/ (2) RAL6A062ADARSF -
12639 BTU/H Capacity @ 10.2° F TD @ 15 hour runtime
@ 85°F ambient / 35°F room temp. / 36ft altitude

Load Summary: Surfaces 4,140 34.95%
(BTU/H) Infiltration 4,967 41.92% 2.00 times ASHRAE's recommended infiltration load
 Product 941 7.94% ASHRAE recommended values for holding load only
 Misc. 1,800 15.19%
 Total 11,848

Product Data	
Product Weight (lbs.)	2,676
Pull Down Time (Hours)	24
Entering Temp. (° F)	40
Final Temp. (° F)	35
Freezing Point (° F)	29
Specific Heat - Above	0.90
Specific Heat - Below	0.40
Latent Heat of Fusion	115.00
Respiration Load	0.00
Heat of Respiration	0.00

Misc. Data	
Motor HP Equivalence	0.08
Lighting Watts / Ft. ²	0.95
Occupancy	0.07
Forklift	0.00
Misc. BTUH	0.00



RFON150E4AEA-NT Air Cooled / Scroll

Imperial Brown (Portland Division) - 198 SE 223rd Ave. - Gresham, OR 97030
Phone: (800) 238.4093 - Fax: (503) 665.2929
Internet: imperialbrown.com

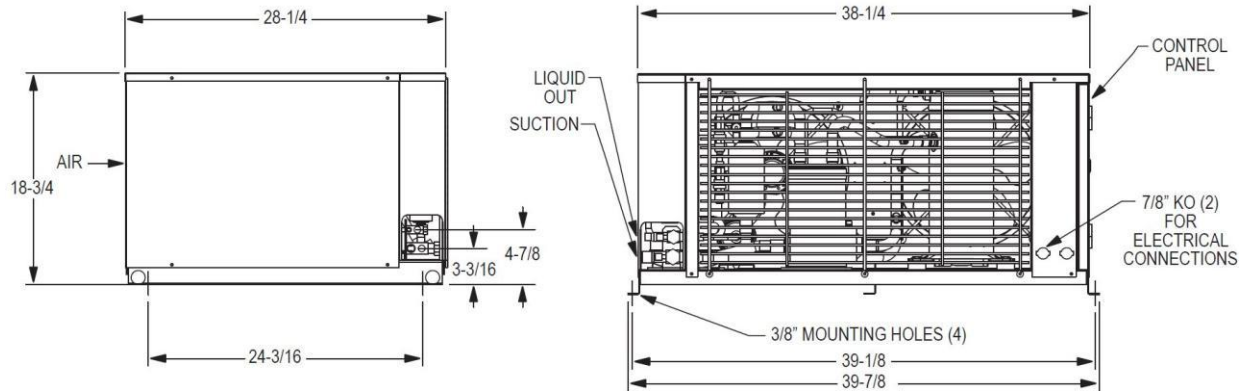
CCB #0091759

Physical Data

Refrigerant	Compressor		Connections		Receiver Capacity (90%)	Sound Data	Net Weight (lbs.)	Altitude (Feet)	Ambient Temp (°F)
	Model #	HP	Liquid	Suction					
R454a	YS11KAE	1.5	1/2"	7/8"	13.3	71	205	36	95

Electrical Data

Power Supply			Compressor		MCA		MOP		Notes
Volts	Phase	Hz	RLA	LRA	Air Def.	Elec. Def.	Air Def.	Elec. Def.	MCA = Minimum Circuit Ampacity
208-230	3	60	9.3	58	15	19.8	20	25	MOP = Maximum Overcurrent Protection



Capacity (BTUH) @ Designated Saturated Suction Temperatures

+40° F	+35° F	+30° F	+25° F	+20° F	+15° F	+10° F	+5° F	+0° F
16,854	15,344	13,935	12,655	11,446	0	0	8,357	7,467
-5° F	-10° F	-15° F	-20° F	-25° F	-30° F	-35° F	-40° F	
0	0	6,058	0	0	0	0	0	



RAL6A062ADARSF
Next-Gen All-Temp

Imperial Brown (Portland Division) - 198 SE 223rd Ave. - Gresham, OR 97030
Phone: (800) 238.4093 - Fax: (503) 665.2929
Internet: imperialbrown.com

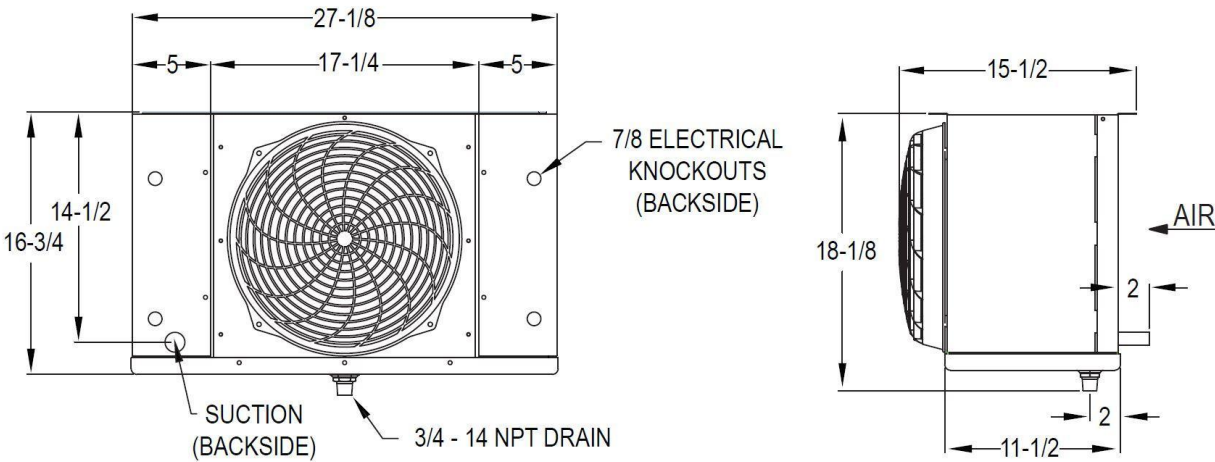
CCB #0091759

Physical and Electrical Data

Defrost Type	Air Flow	Capacity (BTUH)	Net Weight (lbs.)	Altitude (Feet)
Air	785	6,191	39	36

Power Supply			Fans			Heaters		Connections		
Volts	Phase	Hz	Qty	Amps	Motor Type	Amps	Watts	Inlet	Outlet	Drain
115	1	60	1	0.8	DSE	0	0	3/8"	5/8"	3/4"

Front and Right Views





RAL6A062ADARSF
Next-Gen All-Temp

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Phone: (800) 238.4093 - Fax: (503) 665.2929
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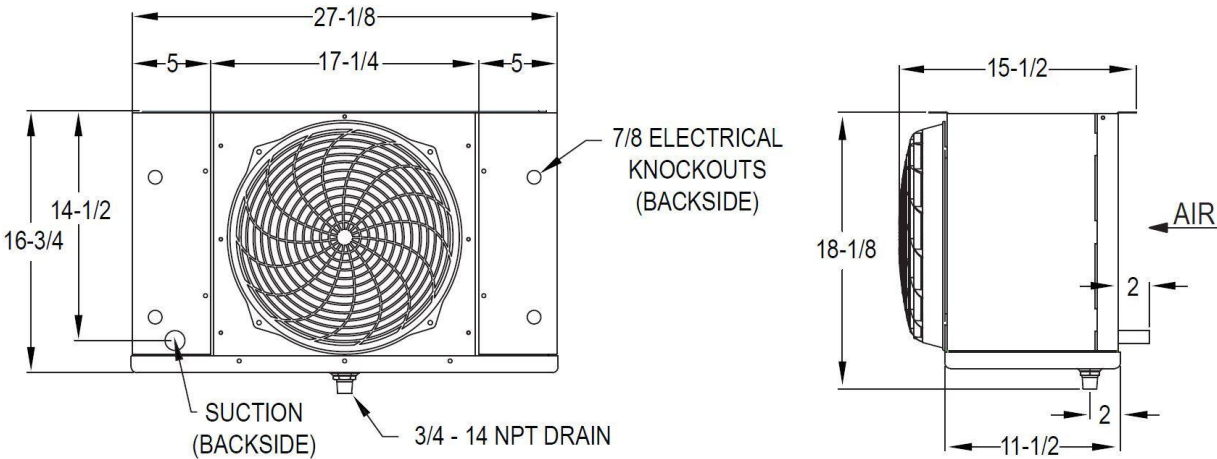
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Front and Right Views



LOCATING AND MOUNTING CONDENSING UNITS

Condensing units (CU's) must be located where there is an unrestricted supply of clean, fresh air. Areas with corrosive vapors or materials should be avoided, as should areas with polluted air. Do not locate units where air discharge from one will enter into the air intake of others. Avoid locating units in restricted spaces where heat will build up and can enter the condenser. Condensing units with horizontal airflow should be positioned so that the direction of airflow through the condenser is the same as the prevailing wind. Make sure there is room around the unit for regular inspection and service. Mount all condensing units level.

Roof mounted condensing units must have adequate support for their operating weight plus a safety factor. They should be mounted above supporting walls, over hallways, storage areas, or auxiliary areas that are not sensitive to noise or vibration. Mount them where sound levels are not an important factor.

Pad mounted condensing units should be mounted on smooth and level pads a minimum of 4 inches above ground level. They should be mounted away from windows, doors, and other areas sensitive to noise. The area surrounding a pad mounted unit preferably will be concrete, asphalt, or other smooth, hard, clean level surface. This will keep the condenser coil clean from grass, dirt, and weed clippings. A security fence also helps to keep leaves and other debris out of the coil. Protecting the condensing unit also protects the product stored in the cooler or freezer!

Condensing units, piping and disconnects should not be accessible to unauthorized persons. To protect the equipment from tampering and vandalism and protect people from accidental injury, a security fence with locked access is highly recommended. Condensing units accessible to the general public often receive damage

to the coil, piping, fans, or other components. Protect your equipment, your products in storage, and protect yourself from liability. Prevent accidents and loss.

Condensing units must be mounted to pads or structural rails with adequate size bolts to prevent the unit from shifting or changing position. Mounting holes are provided for proper size fasteners. Iso-pads are recommended to absorb vibration and reduce noise. Seismic isolator may be required in some localities. Follow the isolator manufacturers recommendation when selecting and applying isolators. Mount units level.

Condensing units with spring mounted compressors are shipped with blocks or retainers under the compressor feet to keep it from shaking during shipment. On Copeland H and K model compressors, remove the blocks and loosen the mounting nut to have 1/16 inch between the nut and rubber spacer. On 3 HP and larger models, mounting nuts must be removed to insert the rubber spacer. Remove the blocks, insert the rubber spacer over the mounting stud, replace the nuts and tighten to 1/16 inch from the spacer. Do not tighten mounting nuts tight against the rubber spacer or foot. Units with iso-pad mounted compressors are shipped with the mounting nuts tight and they should be checked to be sure they have not loosened in shipment.

Observe minimum clearances commendations below. Do not locate any unit to be bordered by tall walls or obstructions on three or more sides, even when the clearance are observed. The minimum space between units is 2 x dimensions shown.

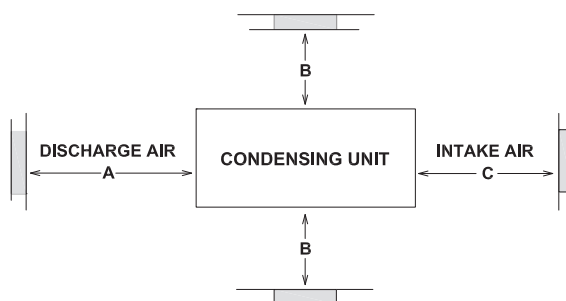
Table 1

CONDENSING UNIT DESCRIPTION		MINIMUM DIMENSION (INCHES) [^]		
		A	B	C
SMALL CU'S	1/2 THRU 2 HP	60	24	36
	3 THRU 6 HP	72	24	36
MEDIUM CU'S*	3 THRU 22 HP	72	30	48
LARGE CU'S**	15 THRU 100 HP	48	48	48

* Horizontal air discharge ** Vertical air discharge

[^] Always observe NEC electrical clearances

Drawing 1





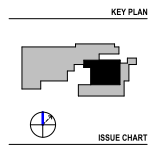
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1-206-461-9000
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CNA
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Seattle, WA 98104
CONSTRUCTION
ABBOTT CONSTRUCTION
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MACDONALD MILLER
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MECHANICAL
MACDONALD MILLER
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ELECTRICAL
EBO SERVICES
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TURNER & TOWNSEND
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Seattle, WA 98101

MultiCare
Good Samaritan
Hospital Kitchen
401 15th Ave SE,
Puyallup,
WA 98372

MultiCare
Good Samaritan Hospital
MULTICARE



ISSUE CHART

SK-150

2021 2022 2023 2024 2025

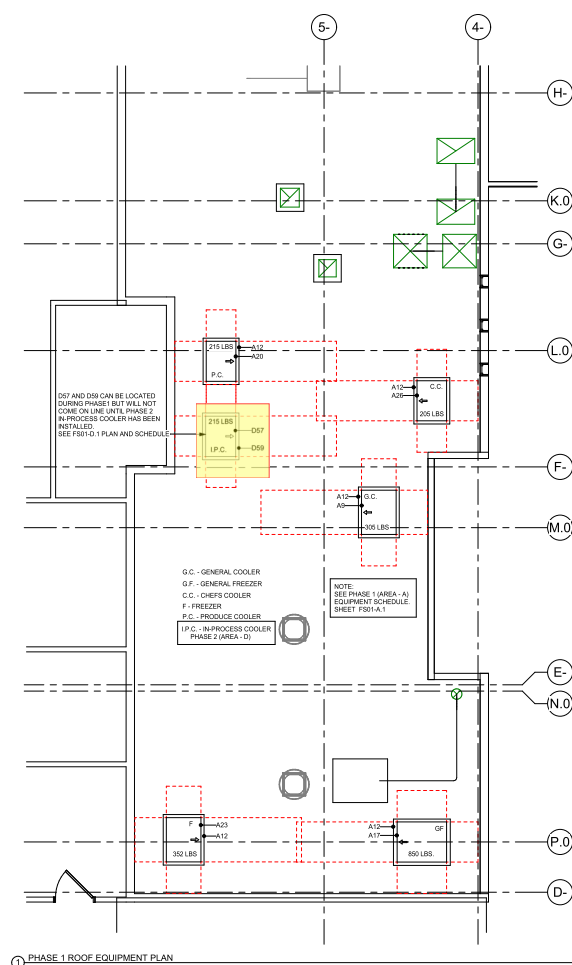
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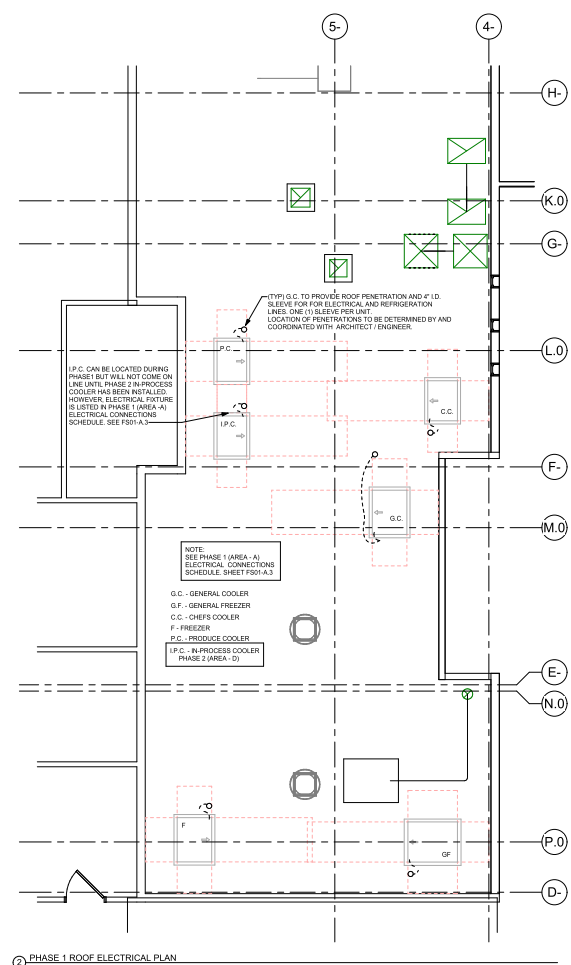
PHASE 1 ROOF
EQUIPMENT AND
ELECTRICAL PLANS

SHEET NUMBER

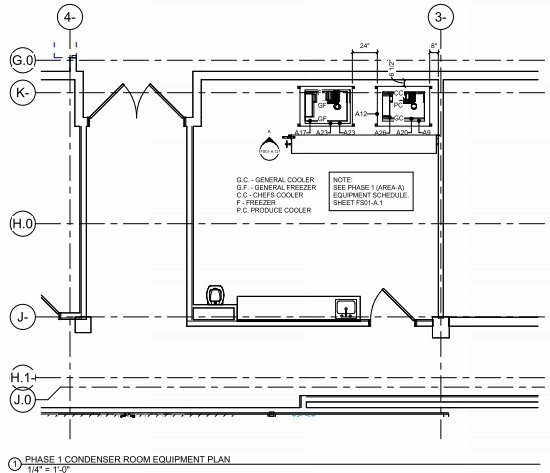
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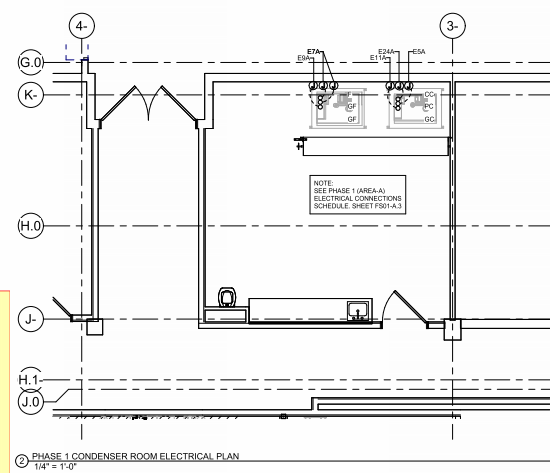
① PHASE 1 ROOF EQUIPMENT PLAN



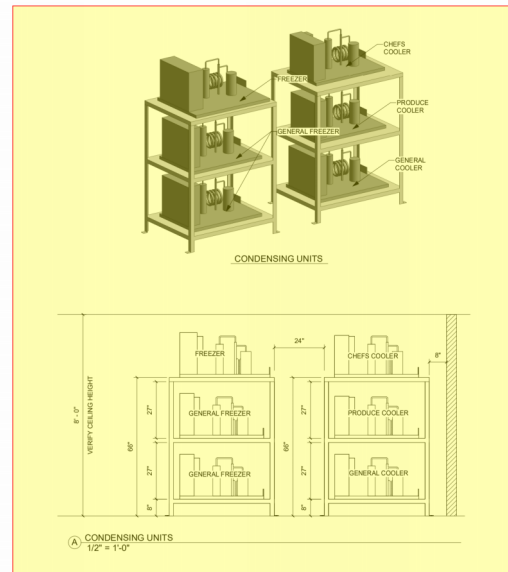
② PHASE 1 ROOF ELECTRICAL PLAN



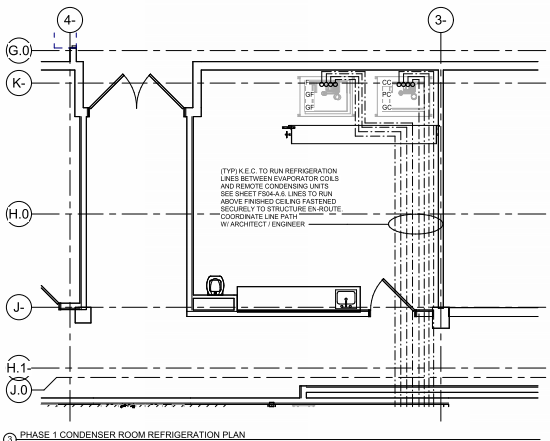
① PHASE 1 CONDENSER ROOM EQUIPMENT PLAN
1/4" = 1'-0"



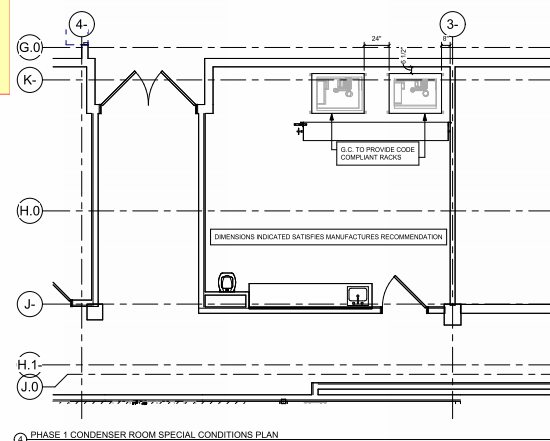
② PHASE 1 CONDENSER ROOM ELECTRICAL PLAN
1/4" = 1'-0"



A CONDENSING UNITS
1/2" = 1'-0"



③ PHASE 1 CONDENSER ROOM REFRIGERATION PLAN
1/4" = 1'-0"



④ PHASE 1 CONDENSER ROOM SPECIAL CONDITIONS PLAN
1/4" = 1'-0"

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WA 98372

MultiCare
Good Samaritan Hospital
MULTICARE

KEY PLAN

ISSUE CHART

SK-150

1/4" = 1'-0"

Job Number 24122
TITLE
PHASE 1 (AREA A)
REMOTE CONDENSING
UNIT PLANS
SHEET NUMBER
FS01-A.12

