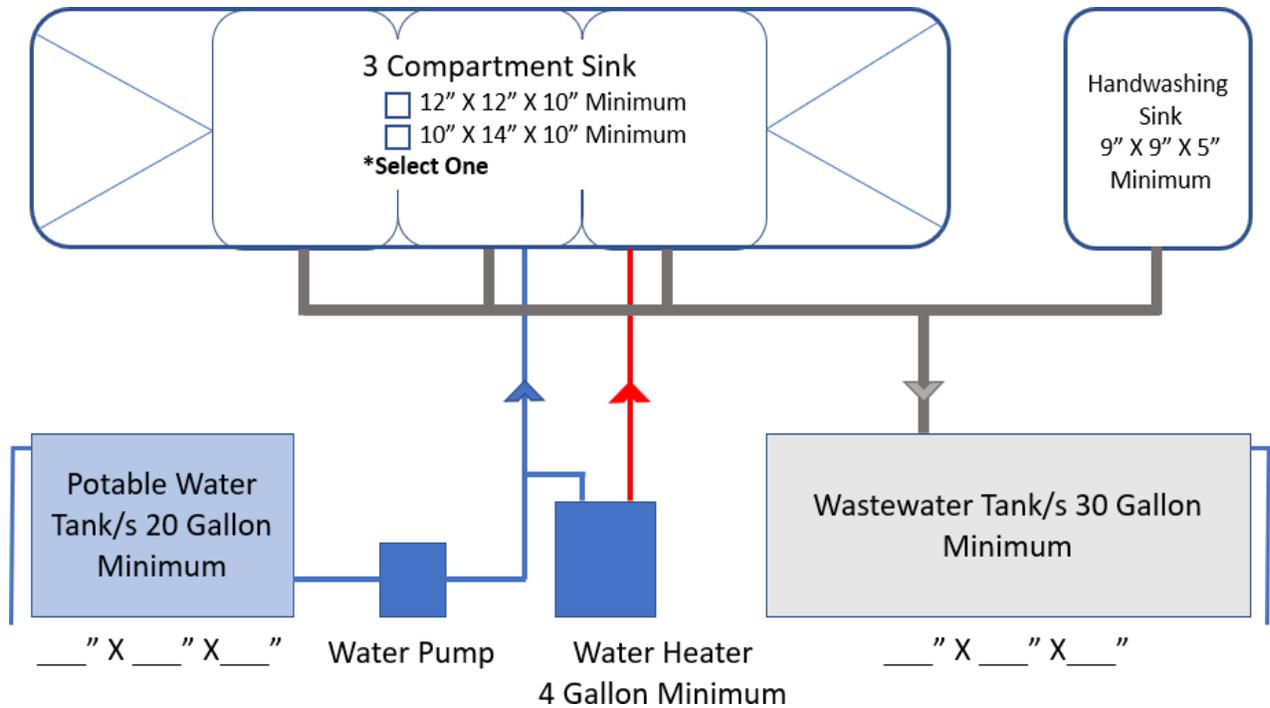


**This guide is to assist you in drawing and submitting your own original drawings.**

**Do not submit these samples as your own. These pages are available for reference only.**

**PLUMBING DIAGRAM WITH 3 COMPARTMENT SINK**



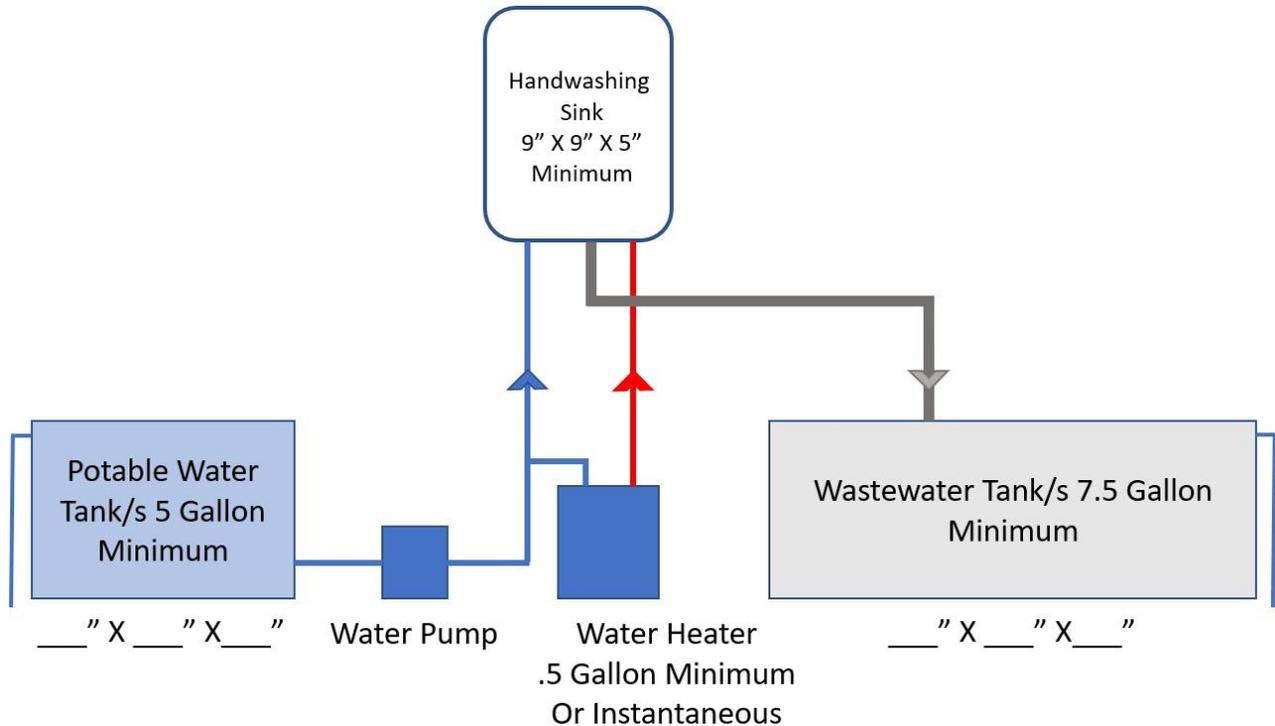
**Plumbing Notes:**

- All plumbing lines shall be connected to the tanks with watertight seals.
- Potable water lines, couplings, and valves shall be listed to NSF standards for drinking water.
- Potable water tanks and wastewater tanks mounted in the CMFO shall have an air vent overflow installed draining outside of the CMFO in a downward direction covered with 16 mesh per square inch screen.
- Tanks may be removeable. If they are not removeable, they must be equipped with a fill line that has a nonthreaded quick disconnect coupler. They must also be installed sloped towards a drainage outlet equipped with a valve.
- Tanks and hose inlets and outlet fittings shall be protected with a cap and keeper chain, quick disconnect, or closed cabinet when not in use.
- Waste lines must be a different color than the lines for potable water.
- The 3-compartment sink must be stainless steel and equipped with dual integral drainboards that are at least the size of one of the compartments.

**WATER PUMP MANUFACTURER AND MODEL:** \_\_\_\_\_

**WATER HEATER MANUFACTURER AND MODEL:** \_\_\_\_\_

**PLUMBING DIAGRAM WITHOUT 3 COMPARTMENT SINK**



**Plumbing Notes:**

- Water heater is optional.
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- Waste lines must be a different color than the lines for potable water.

**WATER PUMP MANUFACTURER AND MODEL:** \_\_\_\_\_

**WATER HEATER MANUFACTURER AND MODEL:** \_\_\_\_\_



**EXAMPLE PLAN WITH REQUIRED 3 COMPARTMENT SINK**

LIST OF MENU/ITEMS BEING SOLD
Espresso, Lattes, Acai Bowl, Fruit Smoothies, Prepackaged Nutrition Bars, and Whole Fruit

**FINISH MATERIALS**

*\*Raw wood not permitted to be used as exterior CMFO material*

LOCATION/EQUIPMENT	MATERIAL
Exterior of CMFO	Stainless Steel
Interior of CMFO	Stainless Steel/ Fiberglass Reinforced Panel (FRP)
Food Storage Area	FRP
Food Preparation Compartment	N/A
Other:	Exterior Vinyl Trim

**FOOD SERVICE EQUIPMENT LIST**

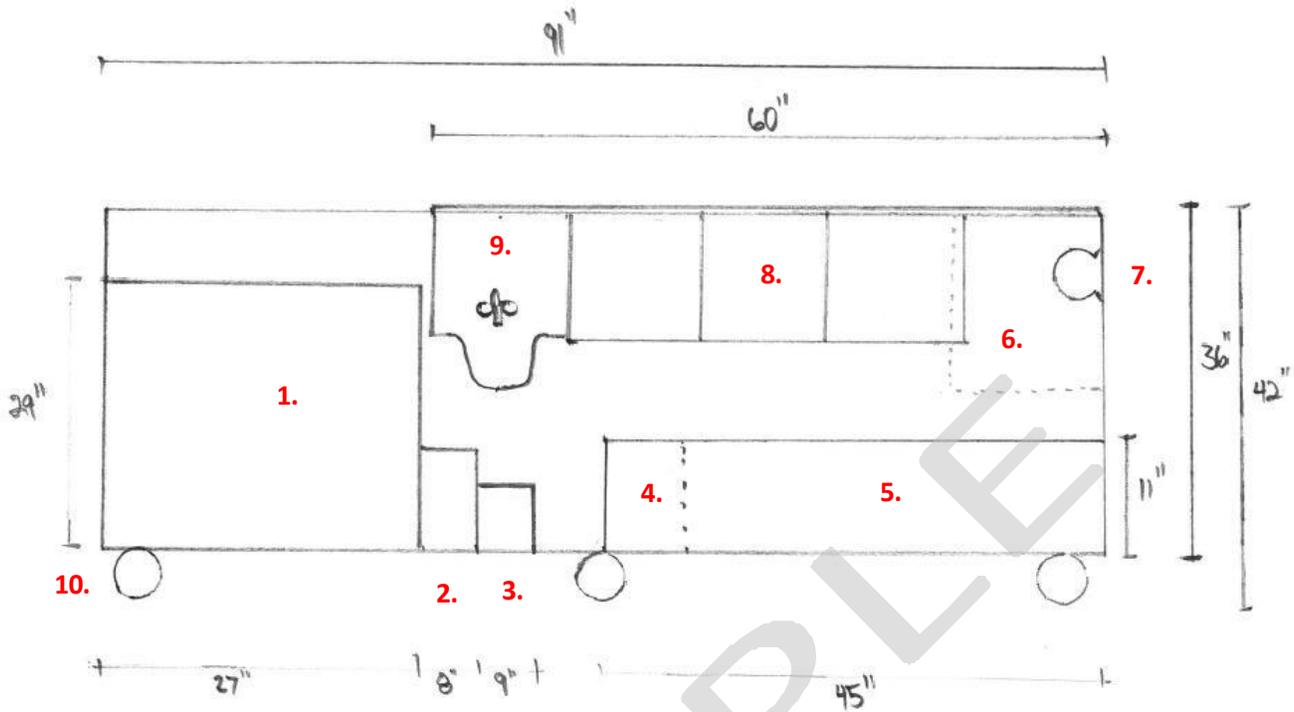
EQUIPMENT	MANUFACTURER	MODEL
Espresso Machine	Nuova Simonelli	Appia Life Compact2
Blender	Vita Mix	36019-ABAB
Undercounter Refrigerator	Bev-Air	UCR27HC
Coffee Brewer	Bunn	Axiom DV APS
Air Pots	Bunn	32130.000
Acrylic Prepackaged Food Display	Custom	Custom
Ice Bin with 2 Piece Lid	Moli International	BIB-1118-D 13"
Soap Dispenser	San Janmar	S30TBK
Paper Towel Dispenser	Bobrick	B-2620

**POWER/GAS PLAN**

Select all applicable options and fill in the blanks for each one:

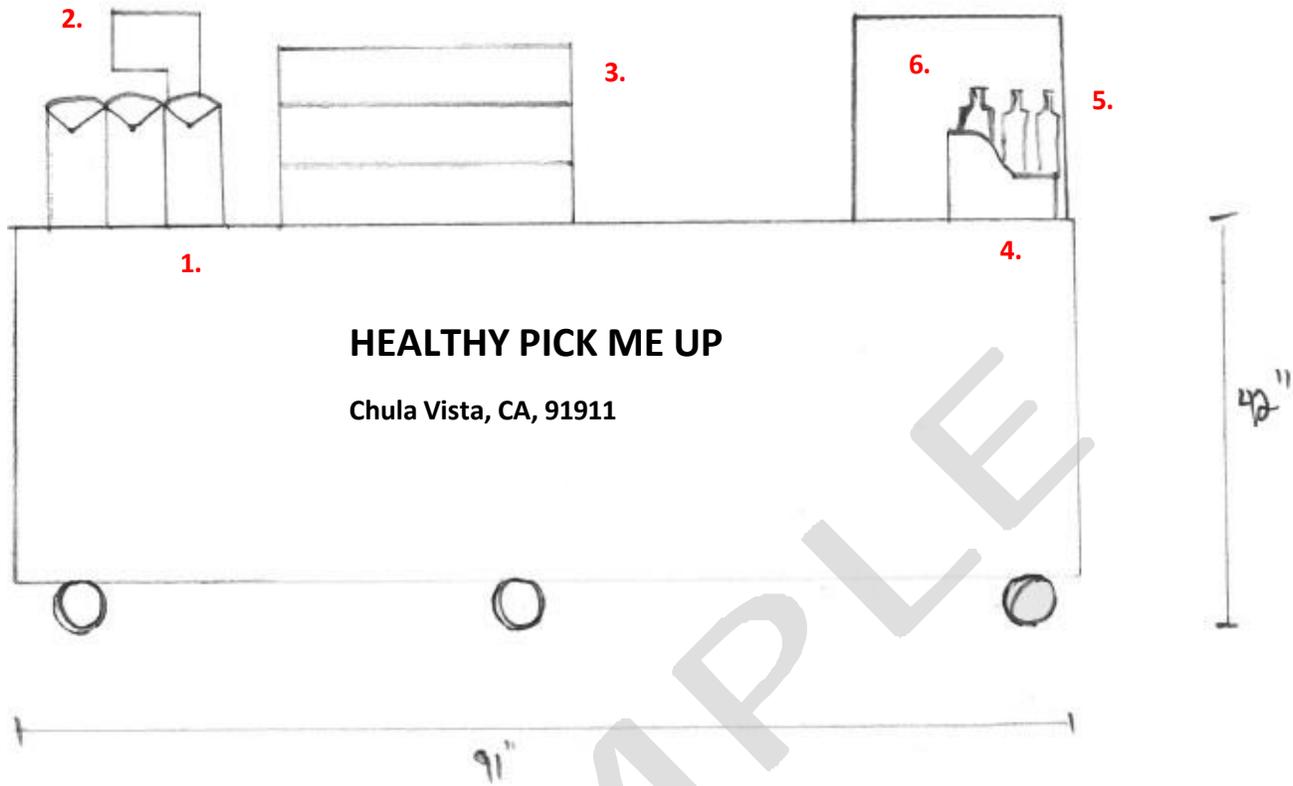
- DC Battery\* (Quantity 1)     
  AC Battery (Quantity     )     
  Propane Tank (Pounds     ; Quantity     )  
*\*Requires Inverter*

**LEFT SIDE VIEW OF CMFO- Internal View Showing Equipment Placement**



1. Refrigerator
2. Battery, 12V 277 Amps
3. Inverter
4. 40 Gallon Wastewater Tank
5. 20 Gallon Tank Potable Water Tank
6. 6 Gallon Water Heater
7. Water Pump
8. 3-Compartment Sink
9. Handwashing Sink with Soap and Paper Towel Dispenser
10. 6" Swivel Casters

RIGHT SIDE VIEW OF CMFO- Showing Customer Side

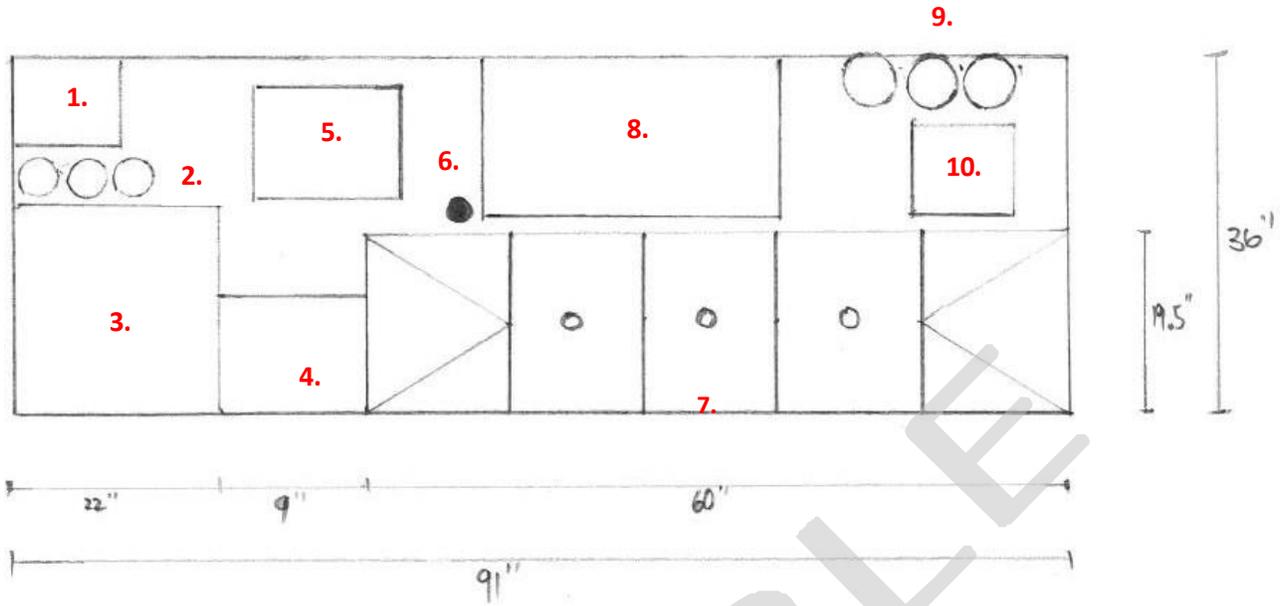


1. Airpot Coffee Dispenser
2. Coffee Brewer
3. Display Shelving
4. Point of Sale- Register
5. Flavored Syrup with Pumps
6. Espresso Machine

**\*NOTE:** Lettering of the business name: 3" high minimum

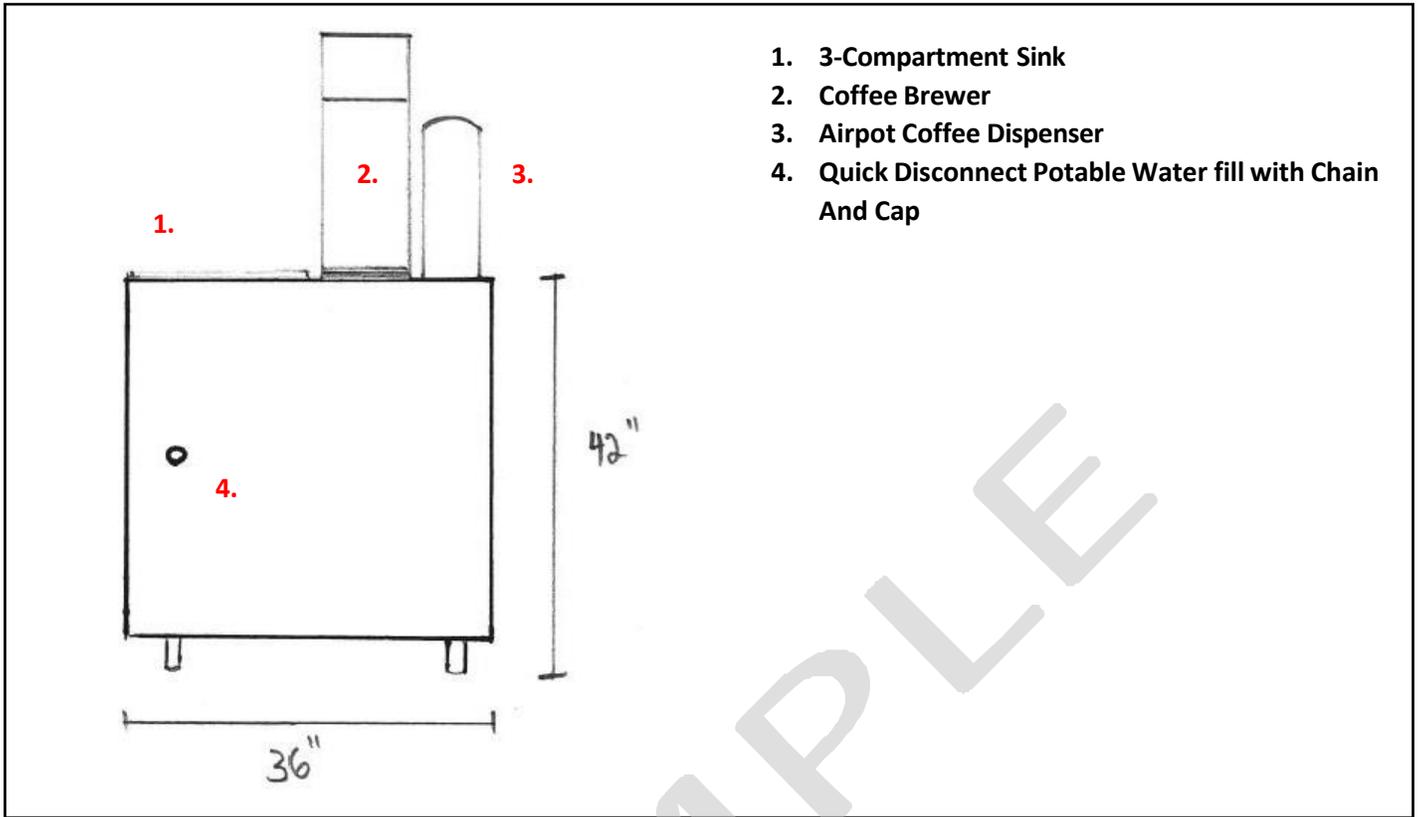
City, State, and Zip Code of the permit holder: 1" high minimum

TOP SIDE VIEW OF CMFO

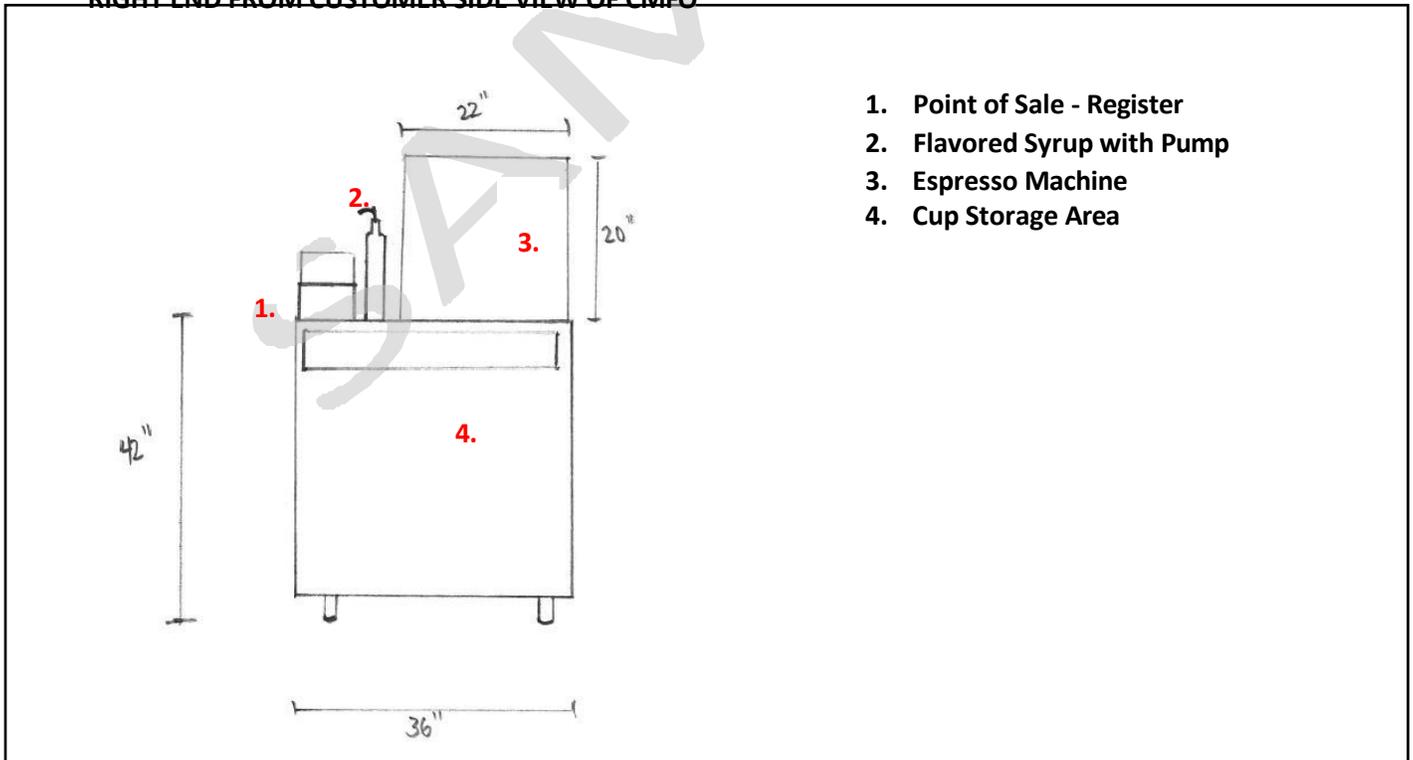


1. Point of Sale - Register
2. Flavored Syrup with Pumps
3. Espresso Machine
4. Blender
5. Ice Bin with 2 Piece Lid
6. Grommet for Umbrella
7. 3-Compartment Sink
8. Display Shelving
9. Airpot Coffee Dispenser
10. Coffee Brewer

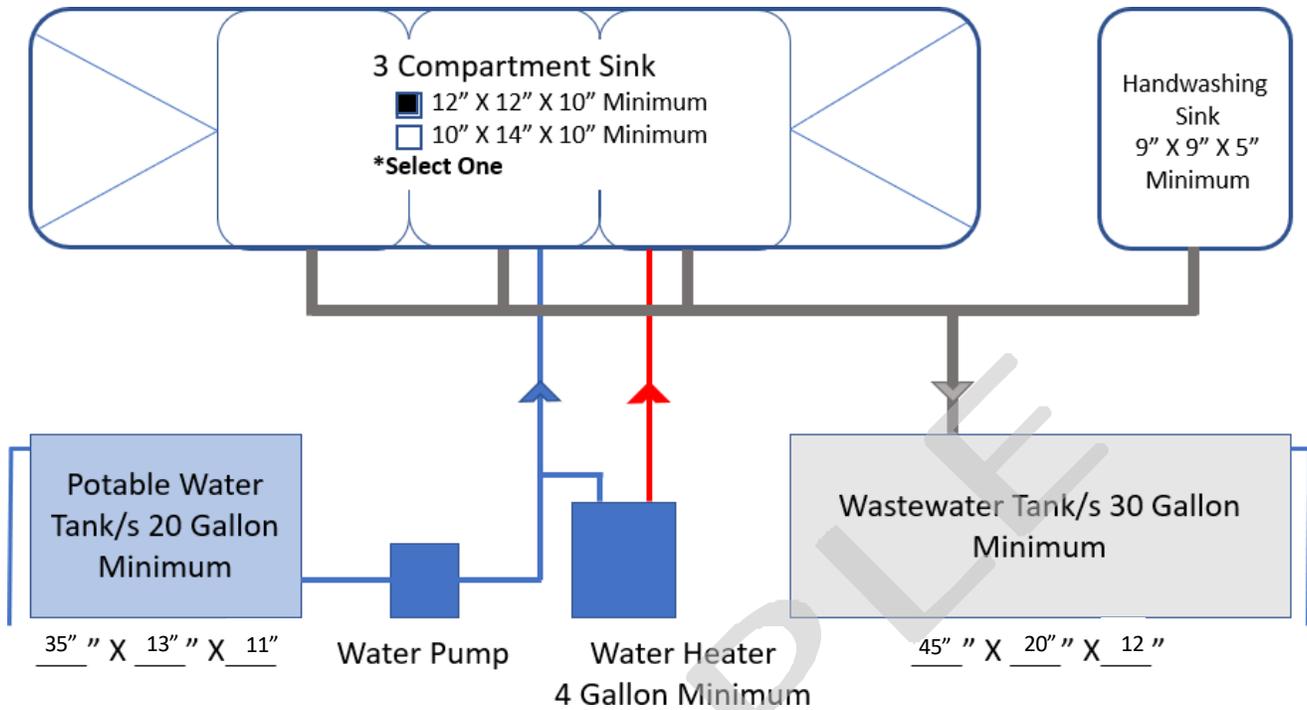
LEFT END FROM CUSTOMER SIDE VIEW OF CMFO



RIGHT END FROM CUSTOMER SIDE VIEW OF CMFO



**PLUMBING DIAGRAM WITH 3 COMPARTMENT SINK**



**Plumbing Notes:**

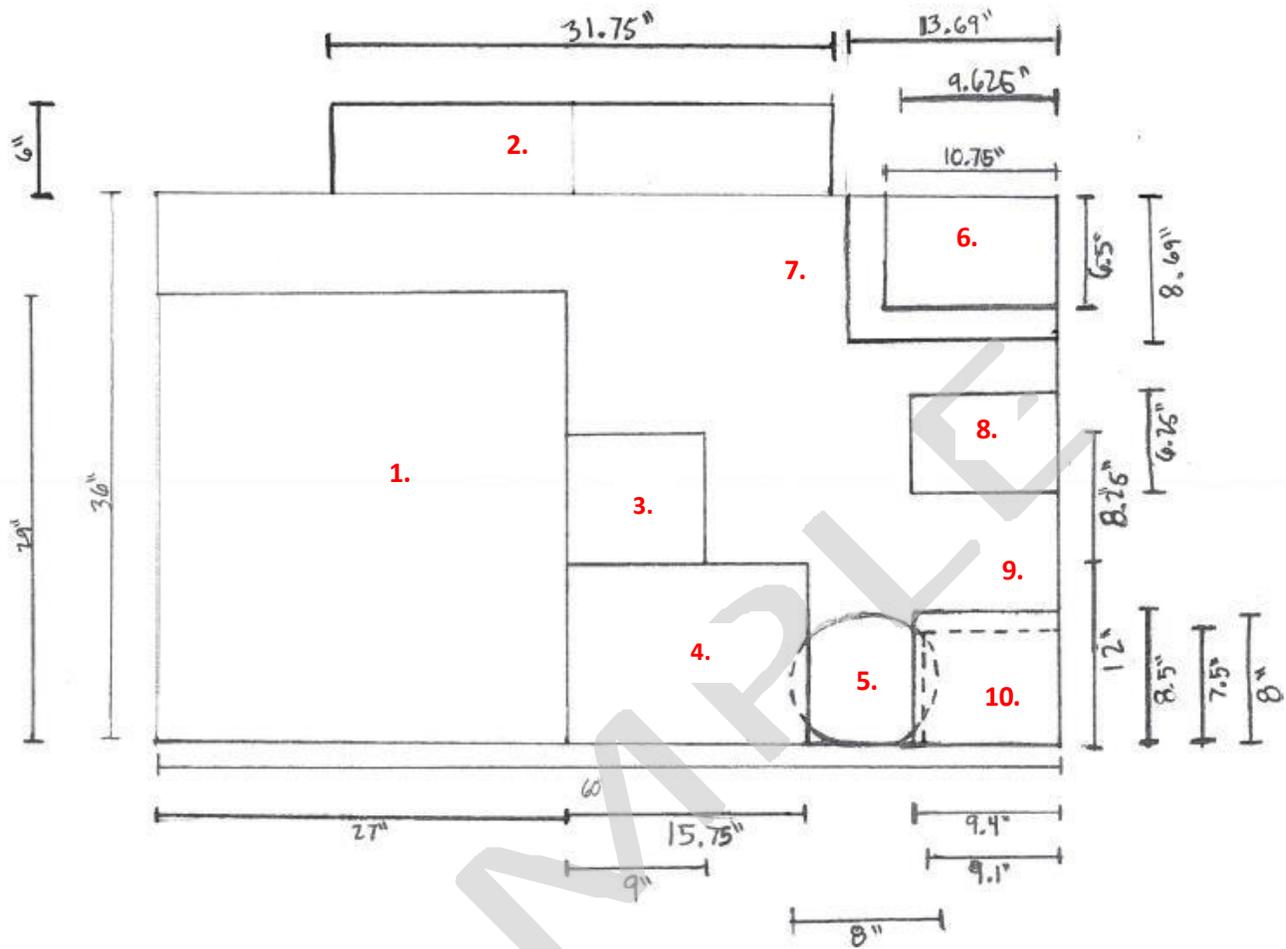
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**WATER PUMP MANUFACTURER AND MODEL:** Pentair Shurflo 2088-594-144

**WATER HEATER MANUFACTURER AND MODEL:** EEMax MiniTank EMT 6

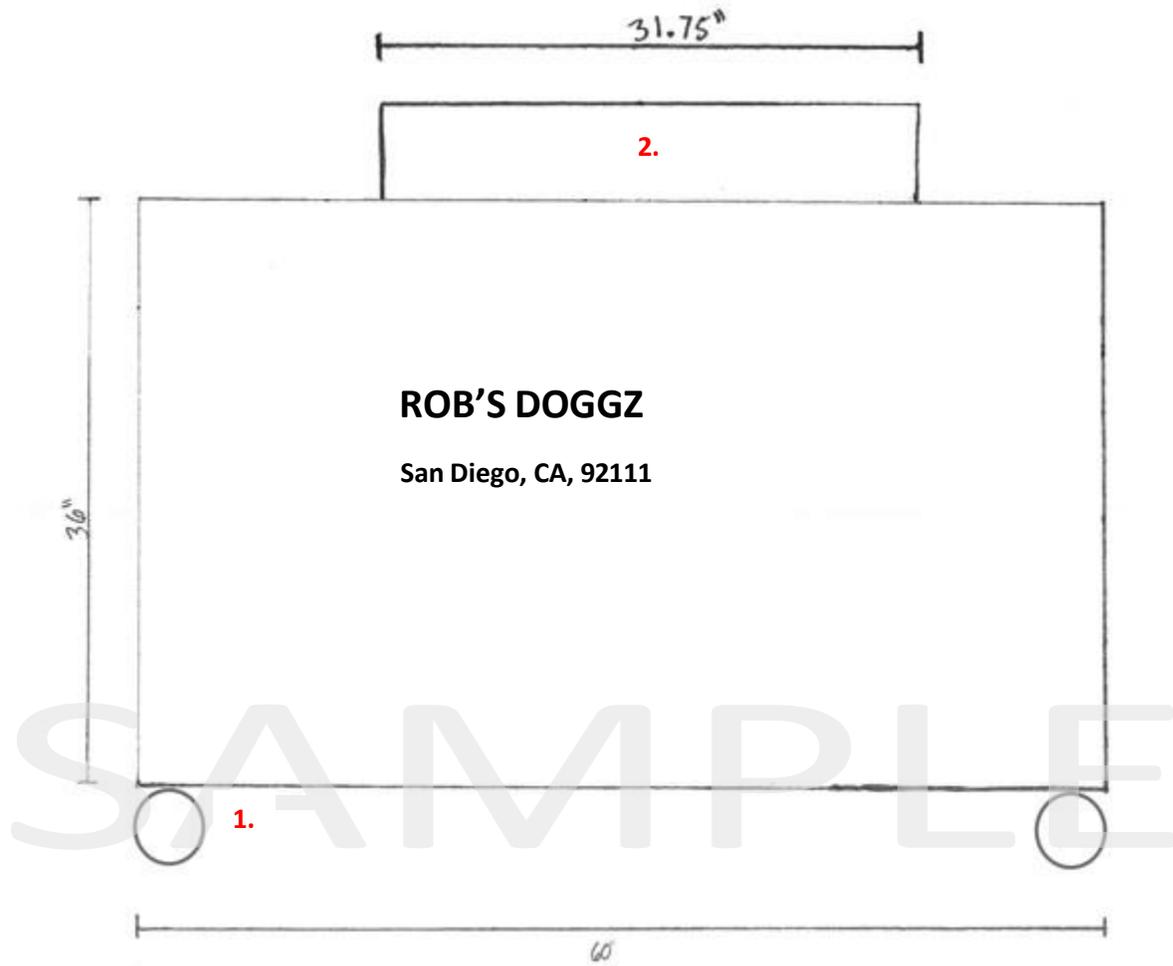


LEFT SIDE VIEW OF CMFO- Internal View Showing Equipment Placement



1. Refrigerator
2. Bun Warmer
3. Potable Water Tank
4. Wastewater Tank
5. Water Pump
6. Handwashing Sink with Soap and Paper Towel Dispenser
7. Drop-in Steamer
8. Water Heater
9. Battery 12V, 277Amp
10. Inverter

RIGHT SIDE VIEW OF CMFO- Showing Customer Side

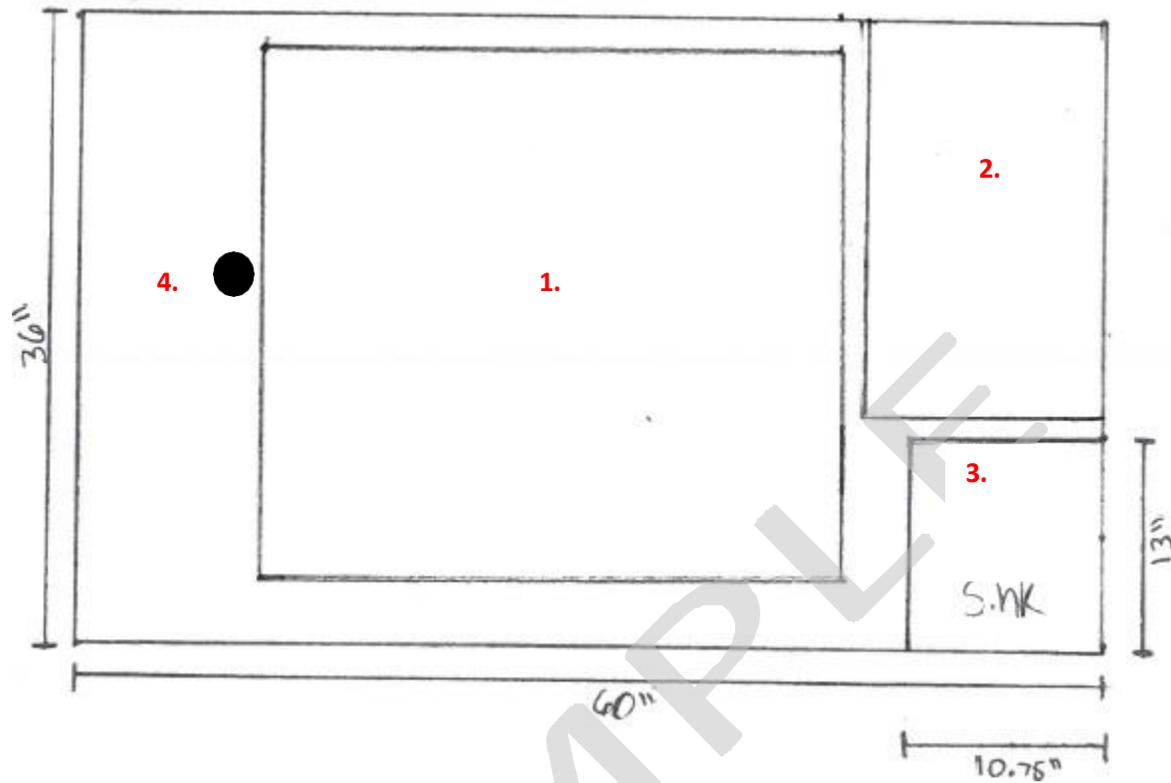


1. 6" Swivel Casters
2. Bun Warmer

**\*NOTE:** Lettering of the business name: 3" high minimum

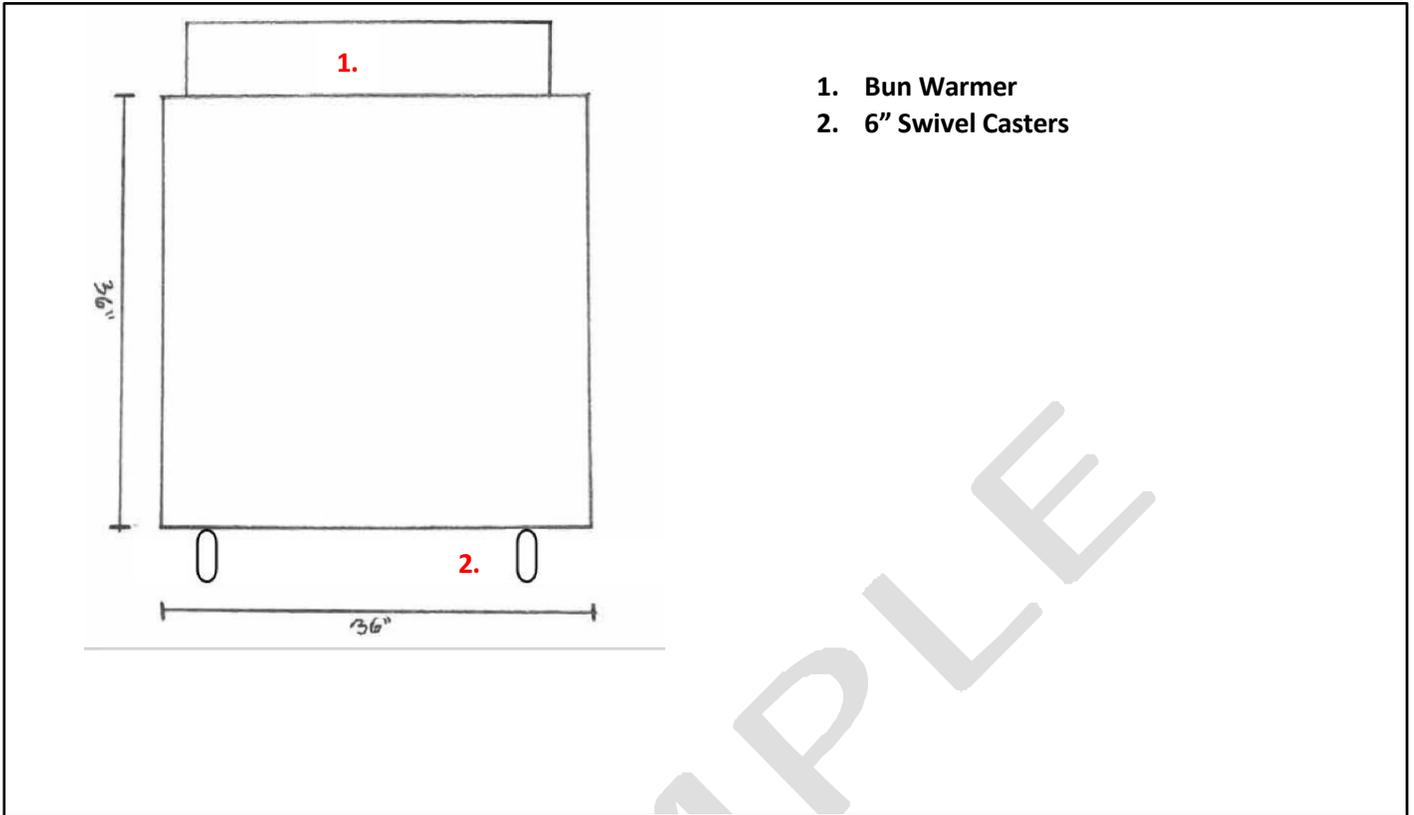
City, State, and Zip Code of the permit holder: 1" high minimum

# TOP SIDE VIEW OF CMFO

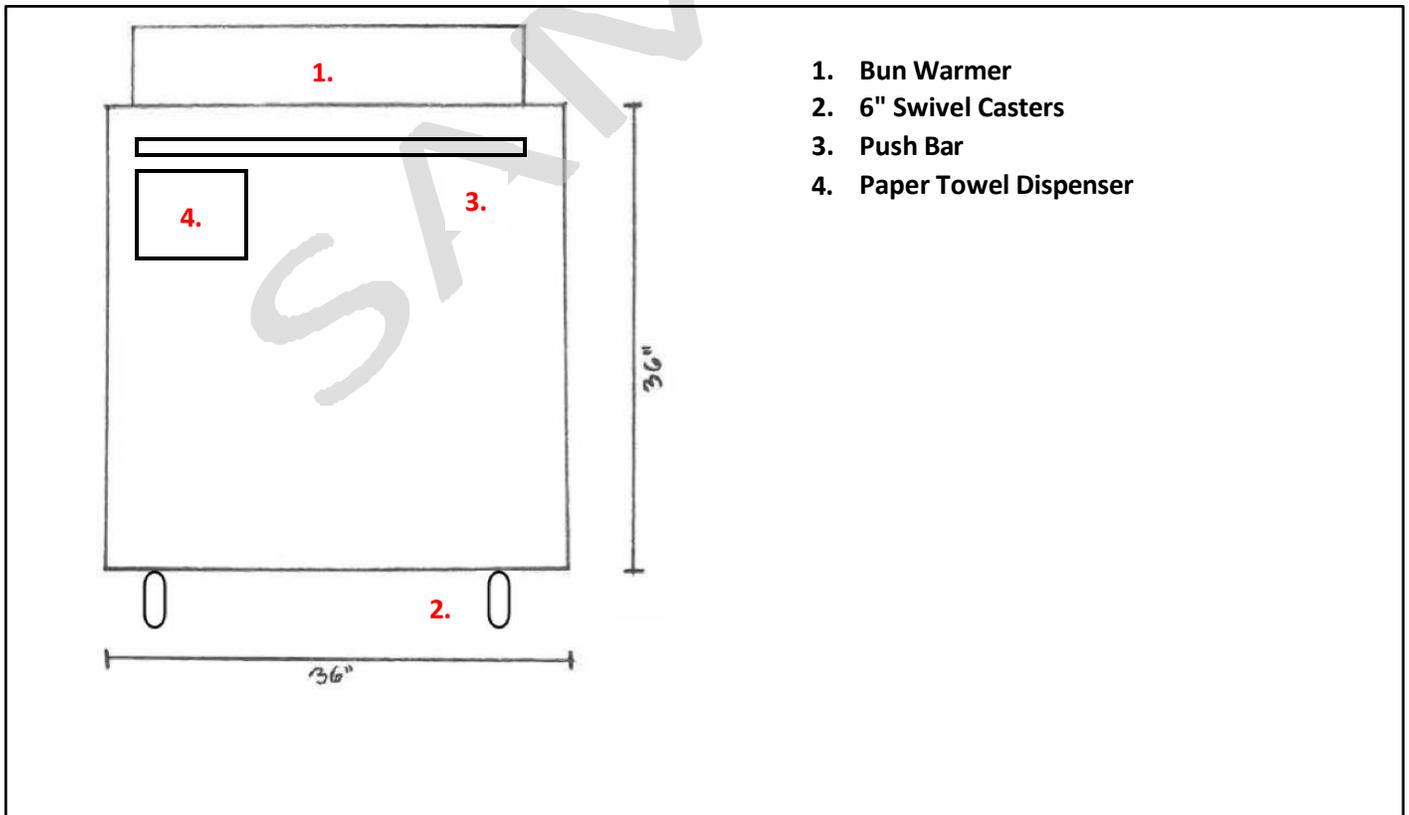


1. Bun Warmer
2. Drop-in Steam Table
3. Handwashing Sink with Soap and Paper Towel Dispenser
4. Grommet for Umbrella

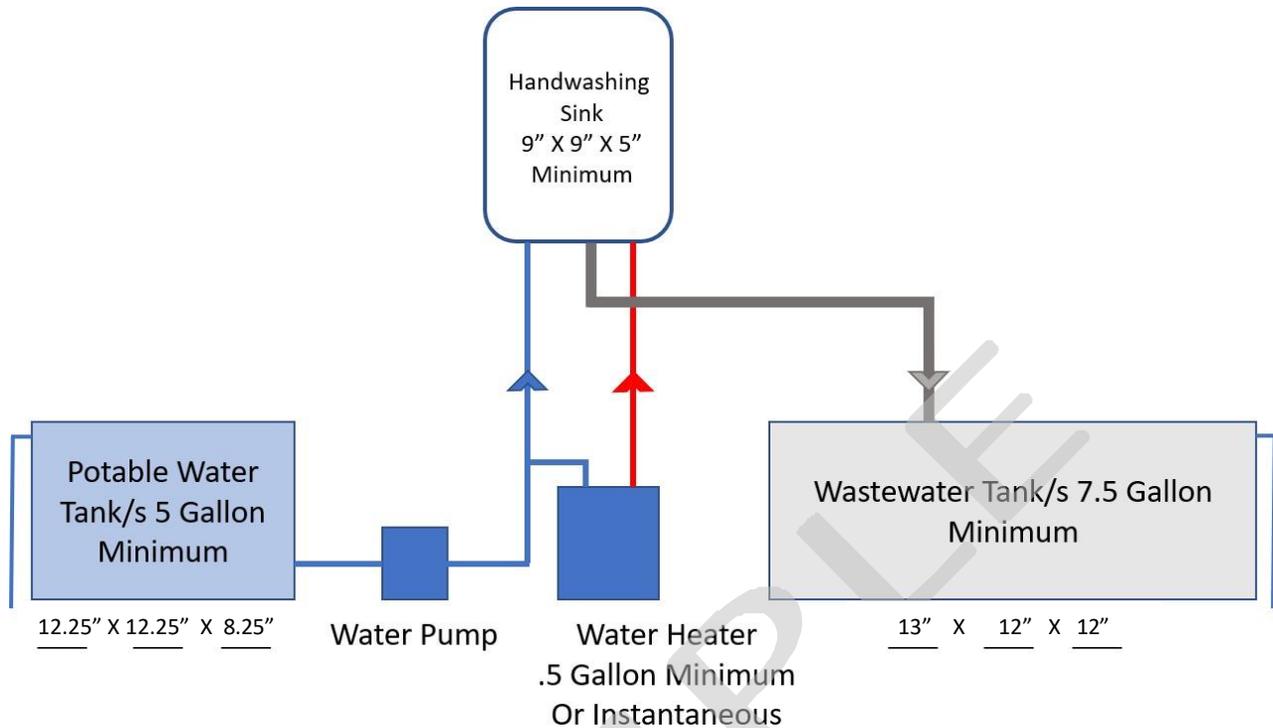
**LEFT END FROM CUSTOMER SIDE VIEW OF CMFO**



**RIGHT END FROM CUSTOMER SIDE VIEW OF CMFO**



## PLUMBING DIAGRAM WITHOUT 3 COMPARTMENT SINK



### Plumbing Notes:

- Water heater is optional.
- All plumbing lines shall be connected to the tanks with watertight seals.
- Potable water lines, couplings, and valves shall be listed to NSF standards for drinking water.
- Potable water tanks and wastewater tanks mounted in the CMFO shall have an air vent overflow installed draining outside of the CMFO in a downward direction covered with 16 mesh per square inch screen.
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- Waste lines must be a different color than the lines for potable water.

**WATER PUMP MANUFACTURER AND MODEL:** Pentair Shurflo 2088-594-144

**WATER HEATER MANUFACTURER AND MODEL:** Chronomite Labs SR-20L/120 HTR-I

## PLUMBING NOTE EXAMPLES

The following are some examples of the types of equipment that can be used to accomplish the code requirements.

1. All plumbing lines shall be connected to the tanks with watertight seals.



Watertight seal with attached ball valve on the side wall of a tank

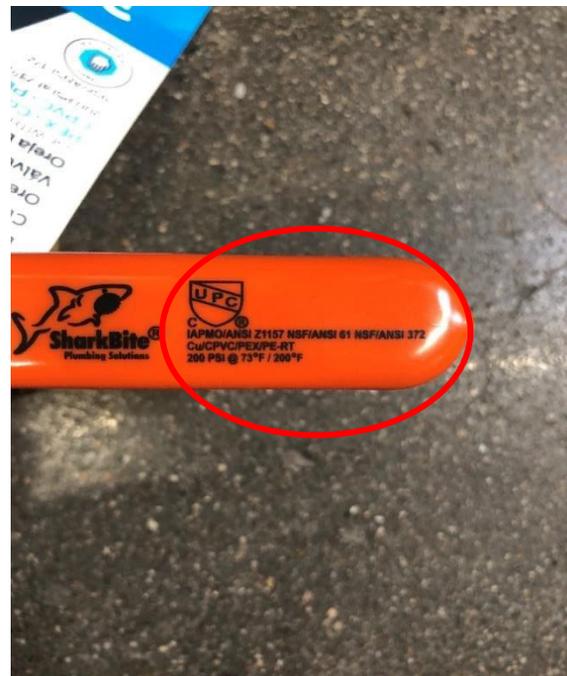


Inside tank view of watertight seal

2. Potable water lines, couplings, and valves shall be listed to NSF standards for drinking water.



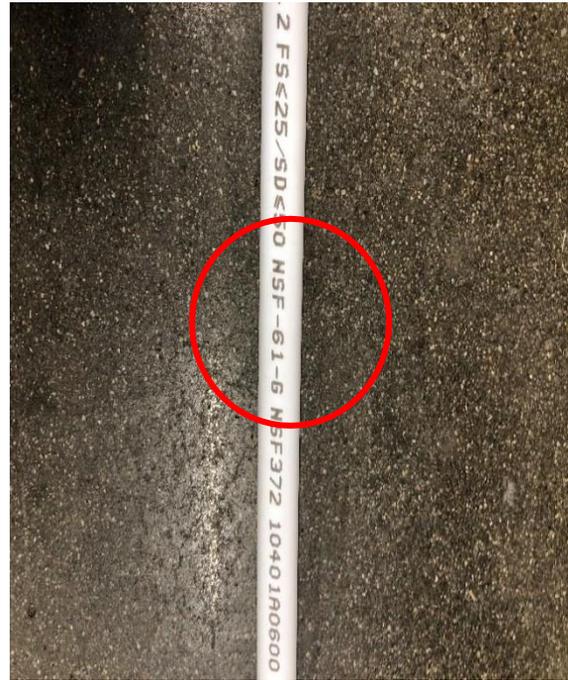
PEX Piping Ball Valve



ANSI/NSF 61 Label on handle



Straight Coupler with ANSI/NSF Label on bag



PEX Potable Water line with NSF- 61 label

3. Potable water tanks and wastewater tanks mounted in the CMFO shall have an air vent overflow installed draining outside of the CMFO in a downward direction covered with 16 mesh per square inch screen.



Pipe with mesh



Typical mesh screens

4. Tanks may be removable. If they are not removable, they must be equipped with a fill line that has a nonthreaded quick disconnect coupler. They must also be installed sloped towards a drainage outlet equipped with a valve.



Fill line to non-portable tank with a quick disconnect coupler



Removable portable tanks



Non-portable tank with connections to vent, fill, drain, and for the water pump



Removable portable tank with quick disconnect for supply or waste water (black lines typically denote waste)

5. Tanks and hose inlets and outlet fittings shall be protected with a quick disconnect



Quick disconnect coupler

6. Waste lines shall not be the same color as the lines for potable water.



Potable white PVC line with NSF label



Non-potable/wastewater black PVC pipe



Blue potable PEX line with NSF label



Clear potable vinyl line with NSF