

P.O. Box 20,000 Grand Junction, CO 81502-5033 (970) 248-6900 www.health.mesacounty.us

Retail Food Establishment Plan Review Application

Mesa County Health Department must review and approve your completed Plan Review Packet **prior** to the beginning of construction or extensive remodeling of your facility. The plan review process is used to verify that the proposed establishment or remodel meets the requirements of the *Colorado Retail Food Establishment Rules and Regulations*. Plans should be approved prior to purchasing equipment and starting construction to avoid costly changes that may be required.

Step 1 – Submission of Plans

Please use the following checklist when submitting all the necessary items with your completed packet. Allow up to **two** weeks for your plan review to be processed. Lack of complete information may delay the review and plan approval.

Plan Review Fee: \$100 plan review fee must be submitted to our office which covers 90 minutes of time to review your application. Please note, additional time will be billed at \$60 per hour with a maximum of \$580 in plan review

fees.
Water Heater Sizing: Please attach the water heater sizing worksheet to the plan review application, which is available on our website: www.health.mesacounty.us/environment .
Menu and Operations: Provide a copy of your menu and as much detail as possible about your proposed retail food establishment operations.
ep 2 – License Application e the following checklist in order to obtain a Colorado Retail Food Establishment License.
Plan Approval Letter: After your plan review is approved, an approval letter will be sent to you to provide to other agencies as needed.
Opening Inspection: Prior to granting approval to open and operate, the Health Department must conduct an opening inspection. A three-day notice is requested for scheduling the opening inspection. All equipment must be installed and ready to use. All refrigeration must be running and be equipped with visible thermometers. Soap and paper towels must be provided at each handsink. Food thermometers, sanitizer test strips, and sanitizer products should also be available.
License Fee: The license fee depends on the type and size of your operation. The fee is due at the opening inspection. Licenses are valid from the date of issue until December 31 of the same year. License fees are not pro-rated.
Sale Tax Number: A sales tax number is required unless your business is a documented non-profit or provides only food for consumption at home (i.e. grocery store).

Step 3 - Consult with all Applicable Departments

proprietor. The owner will need to provide a driver's license to be copied.

Planning, Zoning, Building, Fire and Wastewater must be contacted in regards to your proposed operation to determine their involvement in your planning and building processes. If you are applying for a liquor license please contact the local liquor licensing agency. Contact information for surrounding municipalities is below.

HB 1023 form: HB 1023 forms are *only* required when the business owner is established as an individual or sole

Grand Junction City Government

http://www.gicity.org 250 North 5th Street, Grand Jct., CO 81501 Mesa Co. Building (970) 244-1631 Planning/Zoning (970) 244-1430 Fire Department (970) 244-1400 Liquor license (970) 244-1509 Wastewater (970) 244-1489

Fruita City Government

http://www.fruita.org 325 E Aspen Ave., Fruita, CO 81521 Mesa Co. Building (970) 244-1631 Planning/Wastewater (970) 858-0786 Fire (970) 858-3133 Liquor license (970) 858-3663

Palisade Town Government

http://www.townofpalisade.org 125 East 3rd Street, Palisade, CO 81526 Mesa Co. Building (970) 244-1631 Planning/Wastewater (970) 464-5602 Liquor license (970) 244-1609

DeBeque Town Government

http://www.debeque.org 381 Minter Avenue, DeBeque, CO 81630 Mesa Co. Building (970) 244-1631 Planning/Wastewater (970) 283-5531 Liquor license (970) 244-1609

Collbran Town Government

http://www.townofcollbran.org 1010 High Street, Collbran, CO 81624 Mesa Co. Building (970) 244-1631 Planning/Wastewater (970) 487-3751 Liquor license (970) 244-1609

For unincorporated areas of the county including Clifton, Gateway, Loma, Mack and Mesa:

Mesa County Government

http://www.mesacounty.us/planning 750 Main Street, Grand Junction, CO 81501 Building (970) 244-1631 Planning/Zoning (970) 244-1636 Liquor license (970) 244-1609 Wastewater- Clifton (970) 434-7422 Fire- Clifton- (970) 434-5448 Fire-Lower Valley (970) 858-3133 Septic permit (970) 245-4141

You may contact our office at (970) 248-6900 to obtain information or view our website for resources www.health.mesacounty.us/environment. The Colorado Retail Food Establishment Rules and Regulations is available on our website to help answer questions when completing the Plan Review Application.

Other regulations that may pertain to your Retail Food Establishment:

- Federal Fair Packaging and Labeling Act (FPLA) and Food Labeling Guide: https://www.colorado.gov/pacific/cdphe/wholesale-food
- **FDA:** Regulations pertaining to manufacturing sauces, salsas, dried foods, ect. <u>www.fda.gov</u>
- USDA: Regulations pertaining to wholesale foods containing meat www.usda.gov
- Colorado Department of Agriculture: Regulations pertaining to certified scales eggs producers retailing off site https://www.colorado.gov/agmain



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Application Date:							
Plan Review Form							
Establishment Information							
Name of Establishment:	Phone:						
Street Address:	Cell:						
City:	Fax:						
State/Zip:	Email:						
County:							
Business/Ownership Information							
Individual or Corporate Name:	Phone:						
Street Address:	Cell:						
City:	Fax:						
State/Zip:	Email:						
Contact Information							
Name of Primary Contact:	Phone:						
Street Address:	Cell:						
City:	Fax:						
State/Zip:	Email:						
Name of Architect:	Phone:						
Street Address:	Cell:						
City:	Fax:						
State/Zip:	Email:						
Name of Contractor:	Phone:						
Street Address:	Cell:						
City:	Fax:						
State/Zip:	Email:						
Date construction is to start: Date of planned opening:							

Below is a checklist of required information needed to complete the plan review. Please ensure all information is included. **Lack of complete information will delay review and plan approval.**							
Facility Floor Plan/Equipment Layout Site Plan							
Equipment Specifications	Chemical and Personal Storage						
Plumbing Plans and Schedules	Fixtures Requiring Hot Water (See Annex 1)						
Mechanical Plans and Schedules	Menu and Food Handling Procedures (See Annex						
Electrical Plans and Schedules	Employee Hygiene Guidance (See Annex 3)						

Have plans for this establishment	ent?	YES NO		
If yes, name of local building depa	artment:			
Have plans for this operation beer other counties in the state of Colo		or do you intend to su NO	bmit plans	to
If yes, which counties:		Date Submitted:		-
		Date Submitted:		
Choose one or the other:	Newly Constructed	d Exter	nsively Ren	nodeled

Type of Retail Food Establishment (Check all that apply)								
Full Service Restaurant		Bar						
Fast Food		Coffee Shop						
Market (Grocery)		School Food Program						
Deli		Catering Operation						
Fish Market		Concession						
Meat Market		Manufacturer with Retail Sales						
Convenience Store		Other:						

Indicate	number of seats in each area:
Indoor:	Outdoor:

Square Footage and Area Location *If the establishment is in a multi-story structure, indicate on which floor each area is located.								
Please indicate square footage in each area Square Feet (ft²) *Floor								
Total Square Feet of the Establishment								
Total Square Feet of the Kitchen Area								
Square Feet of the Food Preparation and Dishwashing Area								
Square Feet of Food/Beverage Storage Areas								
Square Feet of Retail Sales Area (Markets)								

Days and Hours of Operation Insert hours below in the following format: 8am to 8pm													
	If the	ere is a bre	ak in the ho	urs you a	are open	, use the s	econd	line to	insert a	dditional	hours.		
Days	S	unday	Monday	Tue	esday	Wednes	day	Thu	rsday	Frida	ay	/ Saturda	
Hour	s	to	to		to	to			to	to		to	
Hour	s	to	to	,	to	to to		to	to			to	
			For sea	sonal o	peratio	ns, checl	k all t	hat ap	ply.				
Jan	Feb	Mar	Apr	May	Jun	Jul	Α	ug	Sept	Oct	N	ov	Dec
Add add	Add additional information (if necessary):												
	Projected daily maximum number of meals to be served per shift, where applicable.												
Breakfast Lunch Dinner													
		Maxi	mum num	ber of k	itchen	staff per	shift	, wher	e appli	cable.	•		
Breakfast Lunch						Dir	ner						

I. FACILITY FLOOR PLAN/EQUIPMENT LAYOUT:

A. Submit floor plans drawn to scale that include the location and identification of all equipment including but not limited to the items listed in Table 1 below. Check all that apply to your facility.

Table 1

Floor Plan/Equipment Layout									
Handsinks	Dry Storage Areas	Ventilation Hoods							
Food Preparation Sinks	Ice Bins/Ice Machines	Chemical Dispensing Units							
Utility Mop sinks	Wait Stations	Chemical Storage Areas							
Dump Sinks	Bar Service Areas	Personal Storage Areas							
Warewashing Sinks	Water Heater Locations	Garbage/Recyclables Storage							
Dishmachines	Indoor/Outdoor Seating	Dipper Wells							
Toilet Facilities	Outdoor Cooking/Bar/Patio	Grease Interceptor/Grease Trap							
Floor Sinks/Floor Drains	Buffet Lines	Laundry Facility Locations							

B. Provide or use the finish schedule in Table 2 below to indicate interior finishes for each area within the establishment.

Table 2

ROOM FINISH SCHEDULE									
Room Name or		Wall F	Ceiling						
Number	Material Finish		Type of Base	North	East	South	West	Material	Finish
ExCookline e	Tile	Smooth	Tile Coving	Stainless	Stainless	Stainless	Stainless	Vinyl Acoustic Tile	n Smooth

II. EQUIPMENT SPECIFICATIONS:

- A. Submit equipment specification sheets, including make and model numbers. All equipment shall be of commercial design. If a specification sheet lists more than one piece of equipment, identify the specific equipment to be used.
- B. Provide number of hot holding and refrigeration units. Also provide capacities for refrigeration units in Table 3 and Table 4 below.

Table 3

Refrigeration Capacities									
TYPE OF UNIT	# OF UNITS	TOTAL CUBIC FEET							
Walk-in Cooler									
Walk-in Freezer									
Reach-in Cooler									
Sandwich Prep Cooler									
Reach-in Freezer									
Blast Chiller									
Retail Display									
Other:									

Table 4

Hot Holding Units						
TYPE OF UNIT	# OF UNITS					
Steam Tables						
Hot Box						
Cook & Hold Units						
Other:						

C. Bulk and self service food:

- 1. Will food items such as candy, trail mix, etc. be sold in bulk to the public?
 - **YES NO** If yes, please submit equipment specifications for bulk food bins.
- 2. Will self service foods (i.e., buffets and salad bars) be provided?
 - **YES NO** If yes, please submit equipment specifications for food shields and/or sneeze guards.
- D. Complete Table 5 to indicate method of equipment installation or attach an equipment schedule, including display units.

Table 5 *Note:* Under "Installation Method", check all that apply.

						Installation Method				
Equipment Installation List Floor Mounted					Counter/ Table- Mounted					
ID # on Plan	Equipment	Make/Model	New (N) / Used (U)	Plumbing Required Yes / No	Casters	Legs (at least 6 inches)	Sealed In Place	Portable	Legs (at least 4 inches)	Sealed In Place
			<u> </u>				<u> </u>	<u> </u>		

III. PLUMBING PLANS AND SCHEDULES:

- A. Submit a plumbing plan that indicates location and specifications of the following:
 - 1. Floor sinks and floor drains
 - 2. Restrooms, toilets, urinals and hand washing sinks
 - 3. Grease trap, grease interceptor, or solids interceptor, if required by the local building, water or sanitation authority
 - 4. Hose bibs and hose reels, if applicable
 - 5. Laundry facilities, if applicable
 - 6. Showers, if applicable
- B. Complete Table 6 below for all food service related equipment and plumbing fixtures. Indicate if fixtures or equipment will be indirectly drained (e.g. floor sink or air gap), directly connected to the sewer, and/or what method of backflow prevention will be used, if applicable. If additional equipment is provided, please specify in the table below.

Table 6

ID # on Plan	Fixture or Equipment	Indirect/Direct Drainage	Method of Backflow Prevention
	Warewashing Facilities		
	Dish Machines		
	Garbage Disposals		
	Handsinks		
	Food Preparation Sinks		
	Refrigeration Units		
	Ice Bins/Machines		
	Beverage Machines		
	Mop/Utility Sink		
	Chemical Dispensing Units		

Note: Approved backflow protection must be supplied on all fixtures and equipment with submerged inlets. Vacuum breakers must be installed on water inlet lines for dishwashing machines, garbage disposals, and hose bibs. Continuous pressure backflow protection devices must be installed on water lines where a valve or shut off is located between the backflow device and the inlet to the fixture/equipment, such as hose reels. Indirect drainage is required for warewashing, food preperation sinks, ice bins/machines and beverage machines.

C. Is a dedicated food preparation sink provided? YES NO
 Is more than one food preparation sink provided? YES NO
 Attach a specification sheet for the food preparation sinks and complete Table 7.

Table 7

Food Preparation Sink Information						
ID # on Plans	Length (inches) of Drainboard	Dimensions (inches) of Sink Compartments (LxWxD)				
		х	х			
		x	x			
		x	x			

D.	Is a garbage disposal provided?	YES	NO			
	If yes, provide location:					
E.	Food will be primarily served on:	Multi-use	e tableware	Single-Service Tablew	are	Both
F.	Provide the locations of drink dump emptied and staged for warewashin		led in areas wl	nere soiled drinking glas	sses are	
G.	Complete Table 8 and Table 9 for warewashing. Will alternate equipment or methods be used in place of traditional drainboards? If yes, indicate the methods that will be used and provide specification sheets:				YES	NO

1. **Manual** - Include the size of each compartment (*length x width x depth*) of the warewashing sinks, soiled and clean drainboard lengths, and whether or not a pre-rinse spray hose will be installed for each warewashing area, including bars.

Table 8

Manual Warewashing Information							
ID # on Plans	Length (inches) of Soiled Drainboard	Dimensions (inches) of Sink Compartments (LxWxD)	Length (inches) of Clean Drainboard	Pre-Rinse Sprayer Yes/No			
		x x					
		x x					
		x x					

Note: Warewashing sinks must be large enough to accommodate the largest piece of equipment or utensils used.

2. **Mechanical** - Provide make and model numbers and attach specification sheets for each warewashing machine. Please indicate if the machine is heat or chemical sanitizing. Indicate soiled and clean drainboard length, whether or not a pre-rinse spray hose will be used, utensil soak sink dimensions and water usage in gallons per hour (GPH).

Table 9

Mechanical Warewashing Information							
Make	Model #	Heat/Chemical Sanitizing	Drainboard Length (inches)	Pre-Rinse Yes/No	Utensil Soak Sink Dimensions (inches) (LxWxD)		Water Usage (GPH)
					х	x	
					х	Х	

a. Is a seperate booster heater provided? YES NO If yes, complete Table 10.

Table 10

Booster Heater Information						
Make	Model #	kW/BTU Rating	Distance from Machine (feet)			

- H. Provide the following water heater information in Table 11, Table 12 or Table 13, where applicable. Attach specification sheets.
 - 1. If more than one water heater is to be installed, please indicate which plumbing fixtures each heater or system will service.

Table 11

Standard Tank Type Heater					
Make	Model #	kW/BTU Rating			

Table 12

Heat Reclaim System					
Make	Model #	kW/BTU Rating			

Table 13

Instantaneous/Tankless Systems (Gallons Per Minute, GPM, indicate which required degree rise will be used in the flow rate column)							
Make Model # BTU Rati			Flow Rate (GPM) @ Storage Tank Ca 80°F or 100°F rise (Gallons), if app				

Note: For instantaneous/tankless systems when a dishmachine is used, a properly sized storage tank (minimum 20 gallons), recirculation line, and an aqua stat (water thermostat) must be installed. For facilities with high temperature dishwashing machines, use 100°F rise. For all other facilities, use 80°F rise. If flow rate in GPM is not provided, contact the manufacturer to obtain the information.

IV. MECHANICAL VENTILATION PLANS AND SCHEDULES:

- A. Provide plans and schedules that indicate the location and specifications of ventilation hoods and restroom exhaust fans. The ventilation schedule shall include exhaust capacities in cubic feet per minute (CFM) for all kitchen hoods and exhaust fans. Indicate the volume of outside air each roof top and make up air unit will supply into the building.
- B. Provide make and model numbers or shop drawings for each ventilation hood and exhaust fan in Table 14. Provide the size (length x width) of each hood and include the manufacterer's recommended exhaust listings in CFMs.

Table 14

Ventilation Information								
ID # on Plans	ID # on Plans Hood Type Dimensions of hood (Exhaust CFMs	Total Supply Air CFMs	*Outside Air CFMs			
		x						
		х						
		х						

^{*}Note: Volume of make-up air supplied into building must be greater than or equal to exhaust from building.

V. ELECTRICAL PLANS AND SCHEDULES:

A. Provide plans and schedules that indicate the locations and specifications of all lights. **Note:** All lights in kitchen areas, dry storage areas, dishwashing areas, inside equipment, and above areas where open foods are held or displayed must be equipped with shatter proof bulbs or shields that will protect open food, utensils and single use items from broken glass if a bulb is broken.

VI. SITE PLAN:

- A. Submit a site plan which includes the following:
 - 1. Dumpster enclosures and trash compactors
 - 2. Outside walk-in coolers/freezers
 - 3. Outside food storage areas
 - 4. Location of well heads and well water supply lines servicing the building, if applicable
 - 5. On-site waste water treatment systems and associated lines servicing the building, if applicable
 - 6. Grease interceptors/grease traps, if applicable

В.	Water Supply	 Select the type of 	water supply system	that services the	establishment.

Community/Public - Name of district:	
Non-Community - Public Water System ID Number (PWSID): _	

Private - Provide the information requested in section "a" below and complete Table 15.

a. Submit a copy of the most recent water sample test results and a piping diagram of the disinfection system. Include size of holding tank(s), pressure tank(s), make and model number of treatment system, etc.

Table 15

Private Drinking Water Supply Information				
Well Spring				
Depth (feet)		N/A		
Method of Disinfection				
Filtration (if applicable)				

C.	. Sewage Disposal - Select the type of sewage disposal system that services the establishmen		
	Municipal/Public - Name of district:		
	On-site Waste Water Treatment System - Indicate location on site plan and attach a copy		
	of the permits for the system.		

VII. CHEMICAL AND PERSONAL STORAGE:

A.	Include the proposed	locations of	f chemica	l and emp	loyee persona	l items storage	areas on the
	floor plan.					_	

1.	Describe how food, equipment, utensils, linens, and single-service articles will be protected
	from contamination by chemicals and personal items.

Annex 1: Number of Plumbing Fixtures Requiring Hot Water

Provide the number of plumbing fixtures requiring hot water in Table 16 below. This information will be used to determine the hot water demand within the facility and sizing criteria for the water heater.

Table 16

Plumbing Fixtures Requiring Hot Water	Number of Fixtures throughout facility
3-compartment sinks	
Warewashing machines	
Pre-rinse sprayers	
Utensil soak sinks	
Handsinks include restrooms	
Mop sinks/Utility sinks	
Garbage can washer	
Showers	
Hose bibs used for cleaning	

Annex 2: Menu and Food Handling Procedures

- A. Submit menus, such as breakfast, lunch and dinner menus.
- B. If Standard Operating Procedures or Food Handling Procedure Manuals that describe food preparation procedures are available, submit with plans and verify that questions C through H below are addressed. Or you may provide responses in the corresponding sections.
- C. Will vacuum packaging/reduced oxygen packaging or specialized processes as defined in Section 3-606 and 3-607 of the Colorado Retail Food Establishment Rules and Regulations be conducted? YES NO
 If yes, provide specifications sheets for the equipment that will be used and a copy of the required HACCP plan for each category of food to be processed in this manner. (Reference 3-606 and 3-607, Specialized Processing Methods, Reduced Oxygen Packaging, Colorado Retail Food Establishment Rules and Regulations)

D.	Describe how the temperature of foods will be monitored. Provide the frequency of temperature checks and what foods and/or equipment will be monitored. If logs or other types of documentation will be used to help manage proper food temperatures, please attach copies.				
	·				

E.	Will cooked foods be cooled? YES NO What methods will be used to rapidly cool cooked foods to 41°F (5°C) or below? Check all that apply. (Reference 3-603 <i>Cooling</i> and 3-604 <i>Cooling Methods</i> in the <i>Colorado Retail Food Establishment Rules and Regulations</i> .)				
	Under refrigeration Ice water bath Adding ice as an ingredient Rapid cooling equipment Shallow pans Separating food into smaller portions Other:				
	1. List the foods that will require rapid cooling. Include foods that are made from scratch such as soups, sauces, potato salad, pastas, chili, noodles, roasts, casseroles, sausages, yogurts, etc.:				
F.	Will foods be reheated and then held hot before being served? YES NO If yes, please explain how they will be rapidly reheated to above 165°F (74°C) within 2 hours. (Reference 3-504 <i>Reheating</i> , in the <i>Colorado Retail Food Establishment Rules and Regulations</i> .)				
	List the equipment that will be used for reheating:				
G.	Describe how frozen foods will be thawed. (Reference 3-601 <i>Thawing,</i> in the <i>Colorado Retail Food Establishment Rules and Regulations.</i>) Under refrigeration Under running water In a microwave				
	As part of the cooking process Other:				
H.	Will raw meats, poultry, or seafood be stored/displayed in the same refrigerators and freezers with cooked and/or ready-to-eat foods? YES NO				
I.	Will catering be conducted? YES NO				
J.	Will food be transported or delivered to another location? YES NO If yes, please list the equipment that will be used to maintain food at proper temperatures during transport.				
K.	Will foods be prepared tableside in dining areas? YES NO If yes, please list the foods that are intended for tableside preparation.				
L.	Will a salad bar, buffet line, omelet station, sauté station, carving station, beverage bar or customer self service areas be operated? YES NO				

Μ.	Will produce be washed?	YES	NO	N/A	
	If not, will produce be received	ed pre-w	ashed?	YES	NO
	If yes, provide additional doc	umentat	ion.		

N. Will the establishment prepare foods that will be sold to other retail food establishments? **YES NO**

If yes, please visit www.colorado.gov/cdphe/dehs/, then click "Food safety", then click "Wholesale food" to obtain information on registering as a wholesaler.

O. How will bare hand contact with ready-to-eat foods be minimized during preparation? (Reference 3-401 Preventing Contamination from Hands, in the Colorado Retail Food Establishment Rules and Regulations.)

Utensils	Gloves	Deli Tissue
Other:		

Annex 3: Employee Hygiene Guidance and Requirements

The purpose of this guidance document is to encourage employee practices and behaviors that can help prevent food handlers from spreading viruses and bacteria to food that cause foodborne illness outbreaks. Below is a list of highly infective pathogens that are transmissible through food and cause severe illness:

- 1. Norovirus
- 2. Hepatitis A virus
- 3. Salmonella Typhi
- 4. Shigella spp.
- 5. Escherichia coli (E. coli) O157:H7 (or other Enterohemorrhagic or Shiga toxin-producing E. coli)
- 6. Other enteric bacterial pathogen such as Salmonella or Campylobacter

If an employee has been diagnosed by a health practitioner to have any of these pathogens, prior to returning to work, they must be cleared by their health practitioner and the Health Department. In lieu of a diagnosis of any of these pathogens, employees can return to work if they have been free of the symptoms listed above for 24 hours or more.

Section 2-201 of the *Colorado Retail Food Establishment Rules and Regulations* states that management has the responsibility to inform and monitor conditional employees or food employees to ensure that they have good hygienic practices and know when they should not come to work because of illness.

Should employees exhibit the following symptoms, refer to section 2-202 of the *Colorado Retail Food Establishment Rules and Regulations* to determine when a food handler should be excluded or restricted from food handling duties:

- Vomiting
- Diarrhea
- Jaundice (yellow skin or eyes)
- Sore throat with fever
- Infected cuts and burns with pus on hands and wrists

Additional Resources

Employee Health and Personal Hygiene Handbook:

http://www.fda.gov/Food/GuidanceRegulation/RetailFoodProtection/IndustryandRegulatoryAssistanceandTrainingResources/ucm113827.htm

Communicable Disease Manual:

https://www.colorado.gov/pacific/cdphe/communicable-disease-manual

Employee Illness Flow Chart: When to exclude and restrict employees from working.



Employee Illness: The Flowchart

Use this diagram to help you determine whether an employee should be restricted or excluded from food handling at your facility.

