



City of Frederick Building Department
140 West Patrick Street, Frederick MD. 21701
Ph. 301-600-3814 Fax 301-600-3826
www.cityoffrederickmd.gov

PLUMBING Permit #

GAS Permit #

BUILDING Permit #

EFFECTIVE 7-1-23

COMMERCIAL - Plumbing/Gas Permit Application

*** Complete this application in its entirety *** Incomplete forms will not be accepted ***

Location of work:	Unit #	Bldg #
Property Owner:		
Property Owner Address:	State:	Zip:
Contractor Name:		Maryland State License #
Mailing Address:	State:	Zip:
Office Phone:	Cell Phone:	
E-Mail:		

Will any of this work be performed within the City of Frederick public right-of-way? No Yes (Send to Engineering)

Is there a roadside tree that will be disturbed or removed due to the proposed construction? No Yes
 (A roadside tree permit must be obtained from Maryland DNR prior to issuance of this city permit)

Project/Description of Work:

Qty	COMMERCIAL PLUMBING PERMIT (Fixture/Appliance)	Fee	Total
	Plumbing Permit Fee includes First Fixture/Appliance	\$ 75.00	
	Each Additional Fixture/Appliance	\$ 20.00	
	<i>If Scope of Work includes one of the following: (See reverse side of this form for additional information)</i> Grease Trap <input type="checkbox"/> New <input type="checkbox"/> Existing Oil Interceptors <input type="checkbox"/> New <input type="checkbox"/> Existing Neutralizing Tanks <input type="checkbox"/> New <input type="checkbox"/> Existing		
	OTHER PLUMBING PERMIT FEES		
	Building Water Service <input type="checkbox"/> Repair/Replace <input type="checkbox"/> New	\$ 75.00	
	Building Storm Service <input type="checkbox"/> Repair/Replace <input type="checkbox"/> New	\$ 75.00	
	Building Sewer Service <input type="checkbox"/> Repair/Replace <input type="checkbox"/> New	\$ 75.00	
	Roof Drain and Down Spout Connections (Each)	\$ 20.00	
	Phasing of Plumbing Permit (Each Additional Phase)	\$ 75.00	
	COMMERCIAL GAS PERMIT		
	Gas Permit Fee (includes first fixture/appliance, appliance replacement, piping charge, repair)	\$ 50.00	
	Each Additional Appliance/Equipment	\$ 20.00	
	OTHER GAS PERMIT FEES		
	Wet Heater Equipment Installation (Each appliance includes back flow prevent)	\$ 50.00	
	Phasing of Gas Permit (Each additional phase)	\$ 50.00	
	PLUMBING / GAS PERMIT – TRANSFER / REVISION / REFUND (circle one)		
	Permit Transfer/ Revision /Refund (Prior to expiration of permit and construction has not started)	\$ 40.00	

Recv'd by:	Date Paid:	Payment Method:	Total Fee Paid	\$
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I am authorized by the owner to do the work as described and I understand that a permit must be issued before any work begins.
 Plans Review is limited to Building Code compliance therefore; inspections are based on compliance with current City of Frederick Code.

Printed Name of Master Plumber/Gas Fitter	Signature of Master Plumber/Gas Fitter	Date
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PERMIT MUST BE ISSUED BEFORE ANY WORK BEGINS
 WORK MUST BE COMPLETE PRIOR TO SCHEDULING INSPECTIONS
 INSPECTIONS MAY BE REQUESTED BETWEEN 12:00 PM (THE DAY PRIOR) AND 7:00 AM THE DAY YOU WOULD LIKE THE INSPECTION PERFORMED
 AT-301-600-3820 or 301-600-3821
 RE-INSPECTION FEES MAY BE CHARGED IF WORK IS INCOMPLETE, FAILS OR INSPECTOR HAS NO SAFE ACCESS.
 REINSPECTION FEES SHALL BE PAID PRIOR TO RESCHEDULING INSPECTION



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GREASE TRAP SIZING INFORMATION/PROCEDURES

Type I - Hydro-Mechanical or Grease Removal / Recovery Devices (GRD)

Method A		
Step	Formula	Example
1	List cubic inches of each fixture – multiply Length x Width x Depth	48"x24"x12" =13, 824 cubic inches
2	Determine capacity in gallons – 1 Gallon =231 cubic inches	13,827 cubic inches divided by 231 =59.8 gallons
3	Calculate drainage load by multiplying by .75	.75 x 59.8 = 44.9 gallons
4	The answer from Step 3 is the minimum grease trap size	45 gpm minimum - grease trap size required
Method B		
Sink Outlet Size (drains shall not be reduced in size)	Flow Rate	
1 ¼	7.5 gpm	
1 ½	15 gpm	
2	22.5 gpm	
Dishwashers	Maximum discharge rate from manufacturer	
Service sinks, hub drains and similar receptors	Trap size dfu value converted to gpm (2 dfu's = 1 gpm)	

Type II – Gravity Grease Interceptor

Step	Formula	Example
1	Total dfu load entering grease trap	Total dfu load = 64 dfu's
2	Divide dfu load by 2 for gpm	64 divided by 2 = 32 gpm
3	Multiply by 30 for retention time	32 gpm x 30 min. = 960 gpm
4	Multiply by .25 for storage time	960 gpm x 1.25 storage time = 1200 gpm
5	Minimum Size Grease Interceptor Size	1200 Gallon Minimum Grease Interceptor

Additional Procedural Information

Prior to the start of any associated work, a set of plumbing drawings must be submitted to the Senior Plumbing Inspector for review and approval and must include the following information:

- Kitchen fixtures and equipment schedule.
- All calculations for grease trap sizing using "Method A" or "Method B" or calculations for Gravity Grease Interceptor as shown above.
- Submittal information for the proposed grease trap and installation instructions.

Note: All sink drains shall run full size. Service sinks are required to be piped into the grease trap. A floor drain is required in the kitchen area and shall be piped into the grease trap.
 All work must be performed in accordance with The City of Frederick Code.

For questions regarding grease trap sizing, call 301-600-3820.

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