INVENTORY OF FIXTURES AND SIZING GUIDELINES
PLUMBING AND DRAINAGE INSTITUE (PDI) METHOD
FOR SIZING HYDROMECHANICAL GREASE TRAPS

	A	B	C	D	E
Fixture Type	**Quantity**	**Discharging to GCD** (Y/N)	**Cubic Content (in^3)** [L x W x D]	**Actual Drain Load** [0.75 x *C ÷ 231 in^3*]	**Flow Rate (GPM)** [A x D ÷ drainage period][1]
Pot washing sink					
Utensil soak sink					
Pre-rinse sink					
Wok range station					
Wash-down ventilation hood drain					
Can washing drain					
Mop sink					
Floor drains				0	
Floor sink				0	
Hand washing sink					
Soup kettles					
Salad prep sink					
Ice machine drain					
Other:					
Other:					
Maximum Simultaneous Discharge to Grease Control Device (GPM)					

Fixture Compartment Size (inches)	No. of Compartments	Drainage Load (Gallons)	Recommended PDI Size	
			One-minute drainage period	Two-minute drainage period
18 x 12 x 6	1	4.2	7	4
16 x 14 x 8	1	5.8	7	4
20 x 18 x 8	1	9.4	10	7
18 x 16 x 8	2	15.0	15	10
20 x 18 x 8	2	18.7	20	10
30 x 20 x 8	1	15.6	20	10
24 x 20 x 12	1	18.7	20	10
22 x 20 x 8	2	22.9	25	15
22 x 20 x 12	2	34.3	35	20
24 x 24 x 12	2	44.9	50	25
22 x 20 x 12	4	68.6	75	35
24 x 24 x 12	4	89.8	100	50

Table 8.3.3 from PDI-G101, Rev. March 2010

PROPOSED SIZE OF GREASE CONTROL DEVICE (GPM) ____

Notes:

1. One minute drainage period is recommended unless the drain time is not critical, but should never exceed two minutes.
2. Sizing shall be in accordance with the current edition of the Baltimore City Plumbing Code.
3. Where multiple fixtures are served by a single grease control device, the total capacity of all fixtures must be used to determine the maximum simultaneous capacity. The size of the grease control device must be based on the maximum simultaneous capacity.
4. The drain load from fixtures with indirect waste shall be the total indirect waste flow in GPM.
5. Commercial dishwashers are not permitted to discharge through a grease control device.