

**GREASE/GRIT REDUCTION DEVICE (GRD)
SIZING WORKSHEET
(Non-Food Service Establishment)**

DATE

<u>COMPANY</u>	<u>PROJECT</u>	<u>LOCATION</u>	<u>CALCULATED BY</u>															
FOLLOW THESE STEPS TO DETERMINE GRD SIZE																		
Determine Meter Size in Inches Step 1	→	Calculate Maximum Intermittent Flow (GPM) Step 2	→															
	→	Determine Retention Time (min) Step 3	→															
		Calculate Volume (gal) Step 4	=															
			Required Minimum Size of Interceptor Required															
1 - 3	<table style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left; padding: 5px;">Meter Size (In)</th> <th style="text-align: left; padding: 5px;">Max Intermittent Flow (GPM)</th> <th style="text-align: left; padding: 5px;">Retention Time (Minutes)</th> </tr> <tr> <td style="padding: 5px;">5/8"</td> <td style="padding: 5px;">25</td> <td style="padding: 5px;">30</td> </tr> <tr> <td style="padding: 5px;">1</td> <td style="padding: 5px;">40</td> <td style="padding: 5px;">30</td> </tr> <tr> <td style="padding: 5px;">2</td> <td style="padding: 5px;">120</td> <td style="padding: 5px;">30</td> </tr> <tr> <td style="padding: 5px;">3</td> <td style="padding: 5px;">230</td> <td style="padding: 5px;">30</td> </tr> </table>	Meter Size (In)	Max Intermittent Flow (GPM)	Retention Time (Minutes)	5/8"	25	30	1	40	30	2	120	30	3	230	30		
Meter Size (In)	Max Intermittent Flow (GPM)	Retention Time (Minutes)																
5/8"	25	30																
1	40	30																
2	120	30																
3	230	30																
4	Max Intermittent Flow (GPM) 	x	Retention Time (min) 30	=														
			Minimum Tank Size (gal) 															
4	Next Standard Size Larger than the Minimum Required = _____ Gallons Sizing is based on a two-compartment (minimum) gravity type separator A hydro-mechanical GRD is sized according to capacity and inflow rate; this sheet does not apply																	
Permit Documents: Provide site plan to recognized scale showing location Provide completed plumbing permit application & fees Provide contractor acknowledgement sheet Provide manufacture's information on interceptor Done																		