

**WAREHAM  
2691 CRANBERRY HIGHWAY  
SHENANIGAN'S**

**FIRE DIAGRAM CALCULATIONS**

<b>AREA A - OUTDOOR PATIO</b>	<b>AREA CAPACITY</b>
FLOOR AREA CALCULATED	770 SF
AT 12 SF PER PERSON	64 PERSONS
<b>DOOR 1</b>	<b>FLOW THRU CAPACITY</b>
36 IN. WIDE 0.2 IN PER PERSON	180 PERSONS
PLUS SECONDARY THRU INDOOR BAR DOORS	
<b>RECOMMENDED CAPACITY</b>	<b>50 PERSONS</b>
<b>AREA B - INDOOR BAR AND LOUNGE</b>	<b>AREA CAPACITY</b>
FLOOR AREA CALCULATED	1430 SF
AT 12 SF PER PERSON	119 PERSONS
<b>DOOR 2</b>	<b>FLOW THRU CAPACITY</b>
36 IN. WIDE 0.2 IN PER PERSON	180 PERSONS
<b>DOOR 3</b>	
36 IN. WIDE 0.2 IN PER PERSON	180 PERSONS
TOTAL	360
<b>RECOMMENDED CAPACITY</b>	<b>99 PERSONS</b>
<b>AREA C - OUTDOOR BAR/DECK AREA</b>	<b>AREA CAPACITY</b>
FLOOR AREA CALCULATED	840 SF
AT 8 SF PER PERSON	105 PERSONS
<b>DOOR 4</b>	<b>FLOW THRU CAPACITY</b>
36 IN. WIDE 0.2 IN PER PERSON	180 PERSONS
PLUS SECONDARY THRU TWO DOORS IN YARD AREA AND FRONT DECK AND INSIDE BAR	
<b>RECOMMENDED CAPACITY</b>	<b>99 PERSONS</b>
<b>AREA D - OUTDOOR YARD</b>	<b>AREA CAPACITY</b>
FLOOR AREA CALCULATED	6200 SF
AT 12 SF PER PERSON	517 PERSONS
<b>DOOR 5</b>	<b>FLOW THRU CAPACITY</b>
36 IN. WIDE 0.2 IN PER PERSON	180 PERSONS
<b>DOOR 6</b>	
72 IN. WIDE 0.2 IN PER PERSON	360 PERSONS
TOTAL	540
PLUS SECONDARY ALONG DECK AND INTO BAR	
<b>RECOMMENDED CAPACITY</b>	<b>499 PERSONS</b>
TOTAL DOOR WIDTH DOORS 1-6	248.5 INCHES
AVAILABLE THRU DOOR CAPACITY TO EXTERIOR.	1242.5
<b>TOTAL RECOMMENDED</b>	<b>747</b>

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