

Maximum Capacity Chart

Building Code Type of Use	Building Code Requirement Square meters per person	Building Code Requirement Feet squared per person	Maximum Capacity by Use	Current Maximum Capacity by Door width	Current Maximum Capacity by Washroom <u>No Alcohol</u>	Current Maximum Capacity by Washroom <u>with Alcohol</u>	Maximum Capacity by Use Not contingent on storage as it will be in separate section	Addition Maximum Capacity by Door width	Addition Maximum Capacity by Washroom <u>No Alcohol</u>	Addition Maximum Capacity by Washroom <u>with Alcohol</u>
Standing space - excluded chair/table storage space (1378)	0.4	4.3	320	137	135	90	488	217	135	90
space non-fixed seats and tables - included area of chair/table storage (1540)	0.95	10.2	151	137	135	90	206	217	135	90
space non-fixed seats - excluded chair/table storage space (1378)	0.75	8.07	171	137	135	90	260	217	135	90
dining w alcohol - included storage space as all tables/chairs are used (1540)	1.1	11.8	131	137	135	90	178	217	135	90

MAXIMUM CAPACITY IS DETERMINED BY USE AND/OR DOOR WIDTH AND/OR NUMBER OF WASHROOM FACILITIES - WHICHEVER IS THE LOWER NUMBER.

Area Calculations for Hall Only - Does not consider Kitchen area

Area Calculations	In Feet	Square Feet	
library wall to outside wall	53		
bathroom to furnace walls	26	1378	
chair/table storage	18		
	9	162	1540 Total Current Square Footage
Addition	16		
	35	560	2100 Total New Square Footage

Total Current Area	1540 square feet	Total New Area	2100 square feet
Chair Storage area	162		n/a
Current area excluding chair storage area	1378		n/a

Dimensions used in applications - slightly different from actual - depended on old sketches.

The New Horizon Grant - kitchen expansion - 8' x 16'

CIIF - hall expansion - 64' x 16'

Doors are Limiting Factors

6.1 mm/ person of door width - each door can accommodate 50% of your occupancy

	Door width inches	in mm	total in mm divided by 2	total divided by 6.1mm per person	
Original - two doors - 34" and 32"	66	1676.4	838.2	137	Maximum Capacity
Addition - Door width of 72" plus original 32"	104	2641.6	1320.8	217	Maximum Capacity

Washrooms are limiting factors

Increased Capacity	adding 1 washroom for each sex	Adding 2 washrooms to each sex
If no alcohol service	165	195
If alcohol service	110	140
Space required for new washrooms without showers -	88 square feet	
Space required for shower	36 square feet	
Total needed for washrooms and shower	124 square feet	
New area available	464 square feet	