

Life Safety Occupant Load - Totals

[illegible]

PLUMBING FACILITIES CALCULATIONS															
LEVEL	CLASSIFICATION	DESCRIPTION	OCCUPANCY	OCCUPANTS	MALE / FEMALE		WATER CLOSETS			LAVATORIES		DRINKING FOUNTAINS		SERVICE SINKS	
					MALE #	FEMALE #	RATIO	MALE #	RATIO	FEMALE #	RATIO	MALE	FEMALE		RATIO
PARKING LEVEL 2	STORAGE	LOW/MODERATE HAZARD	S-2	41,000	21,000	1:00	0.21	1:00	0.21	1:100	0.21	0.01	1:1000	0.04	1
PARKING LEVEL 2	STORAGE	LOW/MODERATE HAZARD	S-1	150,000	75,000	1:00	0.75	1:00	0.75	1:100	0.75	0.75	1:1000	0.15	1
TOWER C - PARKING	ASSEMBLY	ENTRY LOBBY	A-3	72,000	36,000	1:125	0.38	1.65	0.55	1:200	0.18	0.18	1:500	0.14	1
	STORAGE	LOW/MODERATE HAZARD	S-1S-2	59,000	29,500	1:00	0.20	1:00	0.20	1:100	0.20	0.20	1:1000	0.04	1
TOWER A - LEVEL B	BUSINESS	EMPLOYEE BREAK ROOM	B	7,000	4,000	1:25	0.16	1.25	0.16	1:40	0.10	0.10	1:1000	0.07	1
TOWER A - LEVEL B	ASSEMBLY	INDOOR SPORTING	A-3	20,000	10,000	1:125	0.10	1.65	0.15	1:200	0.05	0.05	1:500	0.04	1
TOWER A - LEVEL B	ASSEMBLY	INTERIOR LOUNGE	A-3	299,000	150,000	1:75	2.00	1.75	2.00	1:200	0.75	0.75	1:300	0.60	1
TOWER A - LEVEL B	STORAGE	LOW/MODERATE HAZARD	S-1S-2	1,000	500	1:00	0.05	1:00	0.05	1:100	0.05	0.05	1:1000	0.01	1
TOWER B - LEVEL B	STORAGE	LOW/MODERATE HAZARD	S-2	13,000	7,000	1:00	0.07	1:00	0.07	1:100	0.07	0.07	1:1000	0.01	1
TOWER A - LEVEL 1	ASSEMBLY	GYMNASIUM LOCKER ROOM	A-3	83,000	42,000	1:125	0.42	1.65	0.65	1:200	0.21	0.21	1:500	0.17	1
TOWER A - LEVEL 1	ASSEMBLY	KITCHEN	A-2	500	300	1:75	0.04	1.75	0.04	1:200	0.02	0.02	1:500	0.01	1
TOWER A - LEVEL 1	ASSEMBLY	RESTAURANT	A-2	324,000	162,000	1:75	2.16	1.75	2.16	1:200	0.81	0.81	1:500	0.66	1
TOWER A - LEVEL 1	ASSEMBLY	LOBBY	A-3	410,000	205,000	1:75	2.73	1.75	2.73	1:200	1.03	1.03	1:500	0.82	1
TOWER A - LEVEL 1	ASSEMBLY	POOL / POOL DECK	A-3	138,000	69,000	1:75	0.92	1.75	0.92	1:200	0.35	0.35	1:500	0.28	1
TOWER A - LEVEL 1	STORAGE	LOW/MODERATE HAZARD	S-1	400	200	1:100	0.02	1:100	0.02	1:100	0.02	0.02	1:1000	0.00	1
TOWER A - LEVEL 1	STORAGE	LOW/MODERATE HAZARD	S-2	82,000	41,000	1:100	0.41	1:100	0.41	1:100	0.41	0.41	1:1000	0.08	1
TOWER B - LEVEL 1	ASSEMBLY	EXTERIOR / INTERIOR LOUNGE	A-3	648,000	324,000	1:75	4.32	1.75	4.32	1:200	1.62	1.62	1:500	1.30	1
TOWER B - LEVEL 1	ASSEMBLY	LOCKER ROOM (GYMNASIUM)	A-3	86,000	43,000	1:125	0.43	1.65	0.46	1:200	0.22	0.22	1:500	0.17	1
TOWER B - LEVEL 1	BUSINESS	OFFICES	B	12,000	6,000	1:25	0.24	1.25	0.24	1:40	0.15	0.15	1:1000	0.12	1
TOWER C - LEVEL 1	ASSEMBLY	INTERIOR LOUNGE	A-3	395,000	198,000	1:75	2.64	1.75	2.64	1:200	0.99	0.99	1:500	0.79	1
TOWER C - LEVEL 1	STORAGE	LOW/MODERATE HAZARD	S-2	8,000	4,000	1:100	0.04	1:100	0.04	1:100	0.04	0.04	1:1000	0.01	1
TOTAL						15.59	16.30			16.30	2.19	2.19		1.24	
						16.00	17.00			17.00	3.00	3.00		2.00	1.00

			UNITS	WATER CLOSETS		LAVATORIES	
				ONE PER UNIT	ONE PER UNIT	ONE PER UNIT	ONE PER UNIT
LEVEL 1	RESIDENTIAL	R-2	4.00		4.00		
LEVEL 2	RESIDENTIAL	R-2	10.00		10.00		10.00
LEVEL 3	RESIDENTIAL	R-2	10.00		10.00		10.00
LEVEL 4	RESIDENTIAL	R-2	10.00		10.00		10.00
LEVEL 5	RESIDENTIAL	R-2	10.00		10.00		10.00
LEVEL 6	RESIDENTIAL	R-2	10.00		10.00		10.00
LEVEL 7	RESIDENTIAL	R-2	6.00		6.00		6.00
LEVEL 8	RESIDENTIAL	R-2	2.00		2.00		2.00

1. DRINKING FOUNTAINS ARE NOT REQUIRED FOR AN OCCUPANT LOAD OF 15 OR FEWER
2. SEPARATE FACILITIES ARE NOT REQUIRED IN STRUCTURES OR TENANT SPACES WITH A TOTAL OCCUPANT LOAD OF 15 OR LESS.
3. IN ASSEMBLY AND MERCANTILE OCCUPANCIES, AN ACCESSIBLE FAMILY OR ASSISTED-USE TOILET ROOM SHALL BE PROVIDED WHERE AN AGGREGATE OF SIX OR MORE MALE AND FEMALE WATER CLOSETS IS REQUIRED. FIXTURES LOCATED WITHIN FAMILY OR ASSISTED-USE TOILET AND BATHING ROOMS SHALL BE INCLUDED IN DETERMINING THE NUMBER OF FIXTURES PROVIDED IN AN OCCUPANCY.
4. FOOD SERVICE ESTABLISHMENTS OR ANY ESTABLISHMENT THAT SELLS ALCOHOLIC BEVERAGES FOR ON-SITE CONSUMPTION REQUIRES AT LEAST ONE URINAL.

159 South Jackson St, Suite 600
Seattle, Washington 98104 USA
+1 206 624 5670 disorder@disorder.com

Olson Kundig

SOMMET BLANC
9300 MARSAC AVE
PARK CITY, UT 84060



Aspen Group USA, LLC
PO Box 980022
Park City, Utah 84098

Pool Consultant
Cloward H2O
2896 N University Ave, Suite 290
Provo, UT 84604

Landscape Architect
EPG Design
6949 South High Tech Drive, Suite 100
Midvale, Utah 84047

Specifications Writer
Friday Group
88 Mainelli Road
Middlebury, VT

Code Consultant
Holmes
600 1st Avenue, Suite 200
Seattle, WA 98104

Fire Protection Engineer
Jensen Hughes
One Research Drive, Suite 305C
Westborough, MA 01581

Vertical Transportation Consultant
Lerch Bates
19515 North Creek Parkway, Suite 300
Bothell, WA 98011

Structural Engineer
Magnusson Klemencic Associates
1301 5th Ave, Suite 3200
Seattle, WA 98101

Lighting Designer
O-
1319 SE MLK Blvd, Suite 210
Portland, Oregon 97219

Building Envelope Consultants
RDH
2101 N 34th St
Seattle, WA 98103

Accessibility Consultant
Studio Pacifica
2144 Westlake Ave N, Suite F
Seattle, WA 98109

MEP Engineer
WSP USA
1001 Fourth Ave., Suite 3100
Seattle, WA 98154

principal architect TK, KM
project manager TM, JB, SL, MD
drawn by SK, SS, JR, CP, EA,
JF, BD
checked by JB
job no. 20052
date 05/17/2024

revisions:

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