

Hinesburg Center - Phase I and Phase II

Shared Parking Analysis - May 12, 2022

Prepared by T. J. Boyle Associates

EXHIBIT 3: Hinesburg Center - Shared Parking Calculations

Use	Requirement	Column1	Parking
Residential	2 / Unit		104
Office / Light Ind.	1/400 GSF		26.25
Retail	1/400 GSF		54
Restaurant	1 per 2 Seats		18.0
Total Parking w/o shared use			202.4
Share Parking Reductions			32.7
Total Parking needed WITH shared use			169.8
Total Parking Provided			179
Total Surplus / Shortage (Shortage if negative)			9.2

Res. @	2	Unit
BLDG.	# of Units	Parking
Ex. Multi	18	36
HC I Total		36
Bldg. C	34	68
HC II Total		68
HC Total		104

Office / Light Ind. @	1/400 SF	
BLDG.	# of Units Parking	
Bldg. A	4,000 10	
Bldg. B	4,000 10	
Bldg. C	- 0	
Bldg. D	2,500 6.25	
HC II Total		26.25
HC Total		10,500 26.25

Retail	1/400 SF	
BLDG.	# of Units Parking	
Kinney	11,766 29.4	
Other	5,913 14.8	
HC I Total		44.2
Bldg. A	2,000 5.0	
Bldg. B	2,000 5.0	
HC II Total		10.0
HC Total		54.2

Restaurant	1/400 SF	
BLDG.	# of Units Parking	
Bristol	18	
HC I Total		18
HC II Total		0.0
HC Total		18.0

Parking Provided		HC I	HC II	TOTAL
	Off-Street	78	43	121
	On-Street	19	39	58
	Total Parking Provide	97	82	179

Note: Parking Calculations DO NOT include single-family lots, 6-plex units or, 9-plex units which all have a minimum of 2 dedicated parking spaces per unit.

Total Parking Rqrd. HC I 98.2

Total Parking Rqrd. HC II 104.3

Recommended Time-of-Day Factors for Weekdays

Use	Parking Demand	6am	7am	8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm	6pm	7pm	8pm	9pm	10pm	11pm	12am
Residential		100%	90%	85%	80%	75%	70%	65%	70%	70%	70%	75%	85%	90%	97%	98%	99%	100%	100%	100%
Office / Light Ind.		3%	30%	75%	95%	100%	100%	90%	90%	100%	100%	90%	50%	25%	10%	7%	3%	1%	0%	0%
Retail		1%	5%	15%	35%	65%	85%	95%	100%	95%	90%	90%	95%	95%	95%	80%	50%	30%	10%	0%
Restaurant		29%	54%	65%	77%	87%	92%	100%	92%	58%	50%	50%	78%	82%	82%	82%	63%	57%	52%	27%
Residential	104.00	104.00	93.60	88.40	83.20	78.00	72.80	67.60	72.80	72.80	72.80	78.00	88.40	93.60	100.88	101.92	102.96	104.00	104.00	104.00
Office / Light Ind.	26.25	0.79	7.88	19.69	24.94	26.25	26.25	23.63	23.63	26.25	26.25	23.63	13.13	6.56	2.63	1.84	0.79	0.26	0.00	0.00
Retail	54.20	0.54	2.71	8.13	18.97	35.23	46.07	51.49	54.20	51.49	48.78	48.78	51.49	51.49	51.49	43.36	27.10	16.26	5.42	0.00
Restaurant	18.00	5.22	9.72	11.70	13.86	15.66	16.56	18.00	16.56	10.44	9.00	9.00	14.04	14.76	14.76	14.76	11.34	10.26	9.36	4.86
Total	184.45	110.55	113.90	127.92	140.97	155.14	161.68	160.71	167.18	160.98	156.83	159.40	167.05	166.41	169.75	161.88	142.19	130.78	118.78	108.86

Recommended Time-of-Day Factors for Weekends

Use	Parking Demand	6am	7am	8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm	6pm	7pm	8pm	9pm	10pm	11pm	12am
Residential		100%	90%	85%	80%	75%	70%	65%	70%	70%	70%	75%	85%	90%	97%	98%	99%	100%	100%	100%
Office / Light Ind.		0%	2%	6%	8%	9%	10%	9%	8%	6%	4%	2%	1%	1%	0%	0%	0%	0%	0%	0%
Retail		1%	5%	10%	30%	50%	65%	80%	90%	100%	100%	95%	90%	80%	75%	65%	50%	35%	15%	0%
Restaurant		16%	33%	52%	73%	92%	92%	100%	87%	70%	45%	50%	65%	74%	74%	70%	38%	31%	23%	14%
Residential	104.00	104.00	93.60	88.40	83.20	78.00	72.80	67.60	72.80	72.80	72.80	78.00	88.40	93.60	100.88	101.92	102.96	104.00	104.00	104.00
Office / Light Ind.	26.25	0.00	0.53	1.58	2.10	2.36	2.63	2.36	2.10	1.58	1.05	0.53	0.26	0.26	0.00	0.00	0.00	0.00	0.00	0.00
Retail	54.20	0.54	2.71	5.42	16.26	27.10	35.23	43.36	48.78	54.20	54.20	51.49	48.78	43.36	40.65	35.23	27.10	18.97	8.13	0.00
Restaurant	18.0	2.88	5.94	9.36	13.14	16.56	16.56	18	15.66	12.6	8.1	9	11.7	13.32	13.32	12.6	6.84	5.58	4.14	2.52
Total	184.45	107.42	102.77	104.75	114.70	124.02	127.21	131.32	139.34	141.17	136.15	139.01	149.14	150.54	154.85	149.75	136.90	128.55	116.27	106.52

Recommended Time-of-Day Factors per tables 2-5 and 2-6 in the Urban Land Institute Shared Parking, Second Edition