

Townhomes of Chapel Ridge With Fire Flow at Maximum Day Demand

	ID	Static Demand (gpm)	Static Pressure (psi)	Static Head (ft)	Fire-Flow Demand (gpm)	Residual Pressure (psi)	Hydrant Available Flow (gpm)	Hydrant Pressure at Available Flow (psi)
1	☐ 5834	0.00	82.65	1,108.75	1,500.00	75.14	4,788.40	20.00
2	☐ 7812	0.00	60.06	1,108.62	1,500.00	57.82	7,411.42	20.00
3	☐ 7814	26.35	65.27	1,108.63	1,500.00	58.08	4,161.15	20.00
4	☐ 7816	0.00	62.67	1,108.64	1,500.00	58.52	5,427.53	20.00
5	☐ 7818	0.00	70.95	1,108.74	1,500.00	66.40	5,668.54	20.00
6	☐ 7820	0.00	77.03	1,108.76	1,500.00	72.95	6,416.77	20.00



Townhomes of Chapel Ridge Without Fire Flow at Peak Hour Demand

		ID	Static Demand (gpm)	Static Pressure (psi)	Static Head (ft)	Fire-Flow Demand (gpm)	Residual Pressure (psi)	Hydrant Available Flow (gpm)	Hydrant Pressure at Available Flow (psi)
1	☐	5834	0.00	81.64	1,106.41	0.00	81.64	4,635.38	20.00
2	☐	7812	0.00	59.11	1,106.41	0.00	59.11	6,954.58	20.00
3	☐	7814	52.70	64.30	1,106.39	0.00	64.30	4,004.59	20.00
4	☐	7816	0.00	61.70	1,106.40	0.00	61.70	5,145.69	20.00
5	☐	7818	0.00	69.94	1,106.41	0.00	69.94	5,422.59	20.00
6	☐	7820	0.00	76.01	1,106.41	0.00	76.01	6,152.08	20.00

