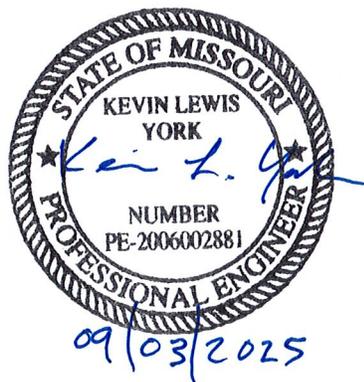


Cornerstone at Bailey Farms 2nd Plat With Fire Flow at Maximum Day Demand

	ID	Static Demand (gpm)	Static Pressure (psi)	Static Head (ft)	Fire-Flow Demand (gpm)	Residual Pressure (psi)
1	<input type="checkbox"/> 6359	0.00	73.72	1,201.13	1,000.00	71.87
2	<input type="checkbox"/> 6360	0.00	75.02	1,201.13	1,000.00	72.28
3	<input type="checkbox"/> 6374	0.00	80.22	1,201.13	1,000.00	77.10
4	<input type="checkbox"/> 6375	0.00	80.22	1,201.13	1,000.00	77.24
5	<input type="checkbox"/> 6387	16.99	77.62	1,201.13	1,000.00	74.75
6	<input type="checkbox"/> 6388	15.41	76.75	1,201.13	1,000.00	73.60



Cornerstone at Bailey Farms 2nd Plat With No Fire Flow at Peak Hour Flow

		ID	Static Demand (gpm)	Static Pressure (psi)	Static Head (ft)	Fire-Flow Demand (gpm)	Residual Pressure (psi)
1	<input type="checkbox"/>	6359	0.00	67.06	1,185.76	0.00	67.06
2	<input type="checkbox"/>	6360	0.00	68.37	1,185.78	0.00	68.37
3	<input type="checkbox"/>	6374	0.00	73.57	1,185.78	0.00	73.57
4	<input type="checkbox"/>	6375	0.00	73.57	1,185.78	0.00	73.57
5	<input type="checkbox"/>	6387	33.98	70.96	1,185.76	0.00	70.96
6	<input type="checkbox"/>	6388	30.81	70.10	1,185.78	0.00	70.10

Water Demand and Fire Flow Requirements						
Node 6387		17.0	gpm Max Day Demand for 32 dwelling units			
		34.0	gpm Peak Hour Demand for 32 dwelling units			
Node 6388		15.4	gpm Max Day Demand for 32 dwelling units			
		30.8	gpm Peak Hour Demand for 32 dwelling units			
Average day demand (gpm) based on 2.78 people/dwelling unit with 125 gallons/person ÷ 1440						
Maximum day water demand (gpm) = 2.2 X average day demand						
Peak hour demand = 2 X maximum day demand						
All nodes		1000.0	gpm for fire flow			

