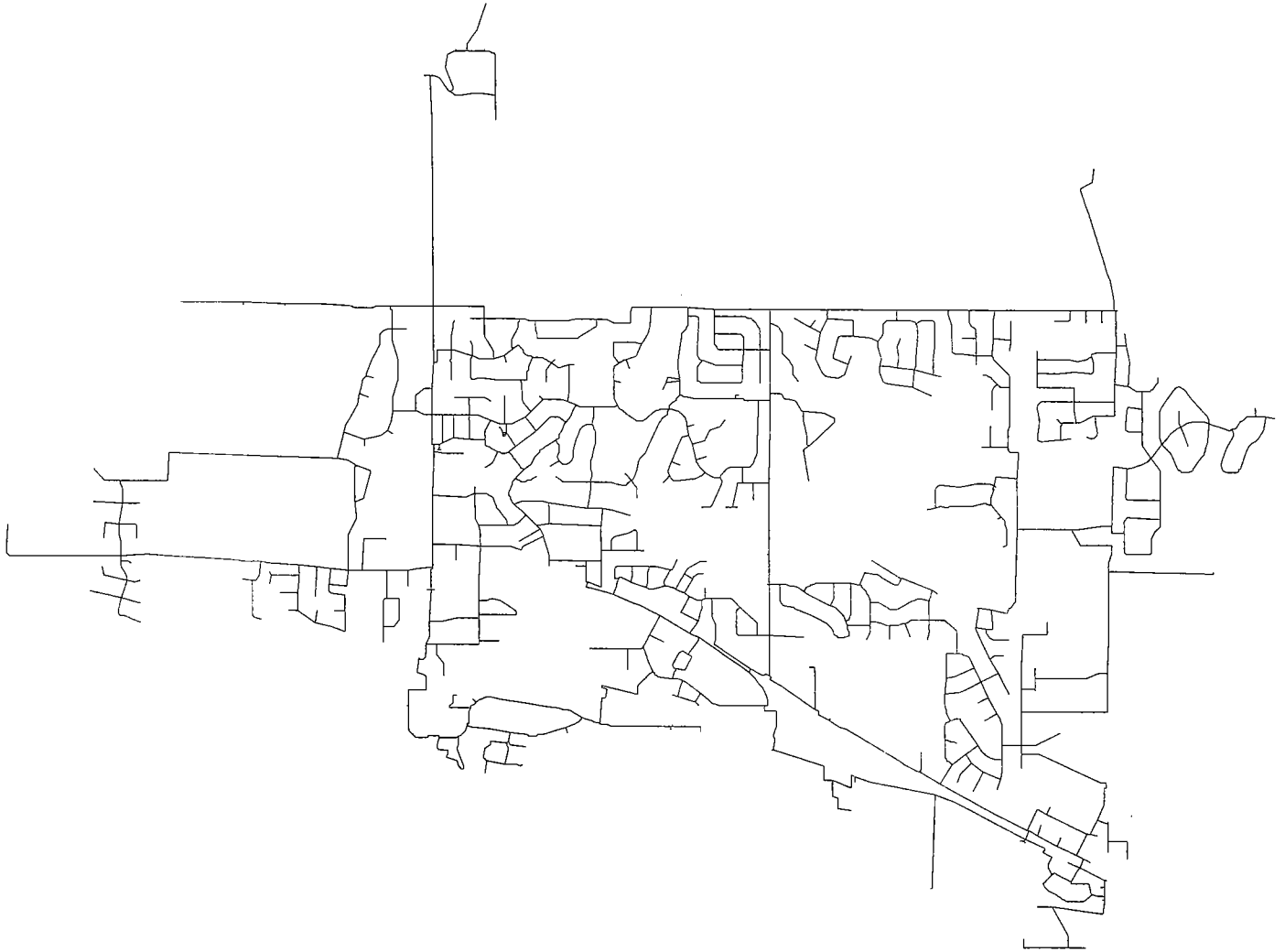


2026 Scenario

Scenario: 2026



Scenario: 2026
Fire Flow Analysis
Fire Flow Report

Label	Satisfies Fire Flow Constraints?	Base Flow (gpm)	Needed Fire Flow (gpm)	Total Flow Needed (gpm)	Calculated Residual Pressure @ Total Flow Needed (psi)	Calculated Minimum Zone Junction @ Total Flow Needed	Calculated Minimum Zone Pressure (psi)	Available Fire Flow (gpm)
J-1	false	4.69	0.00	N/A	N/A	N/A	N/A	N/A
J-2	false	10.75	0.00	N/A	N/A	N/A	N/A	N/A
J-3	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-4	true	1.49	1,500.00	1,501.49	91.05	J-981	39.07	5,000.00
J-5	true	2.76	1,500.00	1,502.76	90.59	J-981	39.07	5,000.00
J-6	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-7	false	1.16	0.00	N/A	N/A	N/A	N/A	N/A
J-8	true	103.96	1,500.00	1,603.96	91.79	J-981	39.07	5,000.00
J-9	false	6.02	0.00	N/A	N/A	N/A	N/A	N/A
J-10	false	10.08	0.00	N/A	N/A	N/A	N/A	N/A
J-11	true	0.02	1,500.00	1,500.02	91.07	J-981	39.07	5,000.00
J-12	true	10.70	1,500.00	1,510.70	91.48	J-981	39.07	5,000.00
J-13	true	16.54	1,500.00	1,516.54	90.51	J-981	39.07	5,000.00
J-14	true	4.87	1,500.00	1,504.87	91.99	J-981	39.07	5,000.00
J-15	false	2.92	0.00	N/A	N/A	N/A	N/A	N/A
J-16	false	11.67	0.00	N/A	N/A	N/A	N/A	N/A
J-17	true	6.81	1,500.00	1,506.81	92.55	J-981	39.07	5,000.00
J-18	true	1.95	1,500.00	1,501.95	92.59	J-981	39.07	5,000.00
J-19	false	9.44	0.00	N/A	N/A	N/A	N/A	N/A
J-20	true	6.09	1,500.00	1,506.09	90.14	J-981	35.53	4,997.51
J-21	true	0.00	1,500.00	1,500.00	91.83	J-981	39.07	5,000.00
J-22	true	7.93	1,500.00	1,507.93	92.25	J-981	39.07	5,000.00
J-23	false	12.65	0.00	N/A	N/A	N/A	N/A	N/A
J-24	true	5.98	1,500.00	1,505.98	92.18	J-981	39.07	5,000.00
J-25	true	0.00	1,500.00	1,500.00	90.66	J-981	39.07	5,000.00
J-26	false	7.78	0.00	N/A	N/A	N/A	N/A	N/A
J-27	false	9.73	0.00	N/A	N/A	N/A	N/A	N/A
J-28	true	15.57	1,500.00	1,515.57	90.36	J-981	39.07	5,000.00
J-29	true	13.62	1,500.00	1,513.62	92.07	J-981	39.07	5,000.00
J-30	false	2.92	0.00	N/A	N/A	N/A	N/A	N/A
J-31	false	4.57	0.00	N/A	N/A	N/A	N/A	N/A
J-32	true	12.65	1,500.00	1,512.65	78.58	J-981	39.07	5,000.00
J-33	false	3.89	0.00	N/A	N/A	N/A	N/A	N/A
J-34	true	3.89	1,500.00	1,503.89	70.47	J-981	20.01	4,181.56
J-35	false	11.67	0.00	N/A	N/A	N/A	N/A	N/A
J-36	false	4.86	0.00	N/A	N/A	N/A	N/A	N/A
J-37	false	6.81	0.00	N/A	N/A	N/A	N/A	N/A
J-38	true	3.89	1,500.00	1,503.89	72.03	J-981	43.93	5,000.00
J-39	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-40	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-41	false	3.89	0.00	N/A	N/A	N/A	N/A	N/A
J-42	true	0.00	1,500.00	1,500.00	78.61	J-981	39.07	5,000.00
J-43	true	9.92	1,500.00	1,509.92	82.19	J-981	37.88	5,000.00
J-44	false	3.89	0.00	N/A	N/A	N/A	N/A	N/A
J-45	true	2.92	1,500.00	1,502.92	74.93	J-981	43.89	5,000.00
J-46	false	7.78	0.00	N/A	N/A	N/A	N/A	N/A
J-47	true	4.86	1,500.00	1,504.86	60.32	J-981	20.00	2,735.00
J-48	false	3.89	0.00	N/A	N/A	N/A	N/A	N/A

Scenario: 2026
Fire Flow Analysis
Fire Flow Report

Label	Satisfies Fire Flow Constraints?	Base Flow (gpm)	Needed Fire Flow (gpm)	Total Flow Needed (gpm)	Calculated Residual Pressure @ Total Flow Needed (psi)	Calculated Minimum Zone Junction @ Total Flow Needed	Calculated Minimum Zone Pressure (psi)	Available Fire Flow (gpm)
J-49	false	8.76	0.00	N/A	N/A	N/A	N/A	N/A
J-50	false	8.76	0.00	N/A	N/A	N/A	N/A	N/A
J-51	false	4.86	0.00	N/A	N/A	N/A	N/A	N/A
J-52	true	9.73	1,500.00	1,509.73	34.39	J-981	43.53	1,760.24
J-53	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-54	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-55	false	4.86	0.00	N/A	N/A	N/A	N/A	N/A
J-56	true	6.81	1,500.00	1,506.81	69.79	J-981	38.25	5,000.00
J-57	true	21.40	1,500.00	1,521.40	68.39	J-981	36.38	5,000.00
J-58	false	6.80	0.00	N/A	N/A	N/A	N/A	N/A
J-59	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-60	true	2.81	1,500.00	1,502.81	56.27	J-981	41.11	2,853.67
J-61	true	10.70	1,500.00	1,510.70	71.20	J-981	37.54	5,000.00
J-62	false	10.73	0.00	N/A	N/A	N/A	N/A	N/A
J-63	true	10.73	1,500.00	1,510.73	74.21	J-981	39.07	5,000.00
J-64	false	5.84	0.00	N/A	N/A	N/A	N/A	N/A
J-65	true	13.62	1,500.00	1,513.62	70.05	J-981	27.06	4,016.18
J-66	true	15.57	1,500.00	1,515.57	59.13	J-981	20.02	2,815.75
J-67	false	4.86	0.00	N/A	N/A	N/A	N/A	N/A
J-68	true	29.19	1,500.00	1,529.19	70.94	J-981	37.00	5,000.00
J-69	true	23.35	1,500.00	1,523.35	78.19	J-981	26.12	5,000.00
J-70	false	8.76	0.00	N/A	N/A	N/A	N/A	N/A
J-71	true	19.46	1,500.00	1,519.46	55.79	J-981	20.00	2,471.52
J-72	false	4.86	0.00	N/A	N/A	N/A	N/A	N/A
J-73	false	9.73	0.00	N/A	N/A	N/A	N/A	N/A
J-74	false	7.78	0.00	N/A	N/A	N/A	N/A	N/A
J-75	false	6.81	0.00	N/A	N/A	N/A	N/A	N/A
J-76	false	6.81	0.00	N/A	N/A	N/A	N/A	N/A
J-77	true	3.89	1,500.00	1,503.89	63.51	J-981	20.00	4,319.29
J-78	false	4.86	1,500.00	N/A	N/A	N/A	N/A	N/A
J-79	false	10.70	0.00	N/A	N/A	N/A	N/A	N/A
J-80	false	2.92	0.00	N/A	N/A	N/A	N/A	N/A
J-81	false	4.86	0.00	N/A	N/A	N/A	N/A	N/A
J-83	true	11.67	1,500.00	1,511.67	62.45	J-981	27.44	4,257.27
J-84	false	6.81	0.00	N/A	N/A	N/A	N/A	N/A
J-85	false	1.95	0.00	N/A	N/A	N/A	N/A	N/A
J-86	true	12.63	1,500.00	1,512.63	61.44	J-981	29.14	3,980.52
J-87	false	8.75	0.00	N/A	N/A	N/A	N/A	N/A
J-88	false	2.92	0.00	N/A	N/A	N/A	N/A	N/A
J-89	false	2.92	0.00	N/A	N/A	N/A	N/A	N/A
J-90	false	6.82	0.00	N/A	N/A	N/A	N/A	N/A
J-91	true	7.79	1,500.00	1,507.79	60.82	J-981	25.20	3,473.49
J-92	false	3.89	0.00	N/A	N/A	N/A	N/A	N/A
J-93	false	5.84	0.00	N/A	N/A	N/A	N/A	N/A
J-94	true	3.90	1,500.00	1,503.90	48.94	J-981	20.00	2,286.68
J-95	false	14.59	0.00	N/A	N/A	N/A	N/A	N/A
J-96	false	3.71	0.00	N/A	N/A	N/A	N/A	N/A
J-97	false	2.92	0.00	N/A	N/A	N/A	N/A	N/A

Scenario: 2026
Fire Flow Analysis
Fire Flow Report

Label	Satisfies Fire Flow Constraints?	Base Flow (gpm)	Needed Fire Flow (gpm)	Total Flow Needed (gpm)	Calculated Residual Pressure @ Total Flow Needed (psi)	Calculated Minimum Zone Junction @ Total Flow Needed	Calculated Minimum Zone Pressure (psi)	Available Fire Flow (gpm)
J-98	false	2.91	0.00	N/A	N/A	N/A	N/A	N/A
J-99	false	3.90	0.00	N/A	N/A	N/A	N/A	N/A
J-100	true	4.58	1,500.00	1,504.58	44.01	J-981	20.02	2,043.48
J-101	false	3.89	0.00	N/A	N/A	N/A	N/A	N/A
J-102	false	3.89	0.00	N/A	N/A	N/A	N/A	N/A
J-103	false	3.89	0.00	N/A	N/A	N/A	N/A	N/A
J-104	true	0.00	1,500.00	1,500.00	60.62	J-981	21.73	3,029.72
J-105	false	2.92	0.00	N/A	N/A	N/A	N/A	N/A
J-106	false	10.70	0.00	N/A	N/A	N/A	N/A	N/A
J-107	false	11.33	0.00	N/A	N/A	N/A	N/A	N/A
J-108	true	7.78	1,500.00	1,507.78	61.88	J-981	20.86	3,421.44
J-109	false	4.86	0.00	N/A	N/A	N/A	N/A	N/A
J-110	false	2.92	0.00	N/A	N/A	N/A	N/A	N/A
J-111	false	2.92	0.00	N/A	N/A	N/A	N/A	N/A
J-112	false	7.78	0.00	N/A	N/A	N/A	N/A	N/A
J-113	false	5.84	0.00	N/A	N/A	N/A	N/A	N/A
J-114	true	5.84	1,500.00	1,505.84	62.42	J-981	23.01	3,816.58
J-115	true	4.86	1,500.00	1,504.86	86.23	J-981	21.30	4,826.95
J-116	true	5.84	1,500.00	1,505.84	63.64	J-981	20.62	4,293.40
J-117	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-118	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-119	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-120	true	7.78	1,500.00	1,507.78	63.07	J-981	21.51	4,403.36
J-121	true	7.78	1,500.00	1,507.78	61.91	J-981	20.00	3,979.72
J-122	false	5.84	0.00	N/A	N/A	N/A	N/A	N/A
J-123	true	13.62	1,500.00	1,513.62	50.07	J-981	20.64	2,518.62
J-124	false	12.32	0.00	N/A	N/A	N/A	N/A	N/A
J-125	true	15.57	1,500.00	1,515.57	35.93	J-126	21.09	1,852.35
J-126	false	2.92	0.00	N/A	N/A	N/A	N/A	N/A
J-127	true	0.00	1,500.00	1,500.00	70.07	J-981	29.60	5,000.00
J-128	true	1.93	1,500.00	1,501.93	52.01	J-981	20.02	2,580.78
J-131	false	2.94	0.00	N/A	N/A	N/A	N/A	N/A
J-132	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-133	false	13.62	0.00	N/A	N/A	N/A	N/A	N/A
J-134	false	11.67	0.00	N/A	N/A	N/A	N/A	N/A
J-135	false	29.31	0.00	N/A	N/A	N/A	N/A	N/A
J-136	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-137	false	1.95	0.00	N/A	N/A	N/A	N/A	N/A
J-138	false	11.67	1,500.00	N/A	N/A	N/A	N/A	N/A
J-139	false	3.89	0.00	N/A	N/A	N/A	N/A	N/A
J-140	true	0.15	1,500.00	1,500.15	79.58	J-981	40.94	3,216.94
J-141	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-142	true	7.78	1,500.00	1,507.78	83.86	J-981	40.33	3,743.91
J-143	false	6.81	0.00	N/A	N/A	N/A	N/A	N/A
J-144	false	2.92	0.00	N/A	N/A	N/A	N/A	N/A
J-145	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-146	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-147	false	7.84	0.00	N/A	N/A	N/A	N/A	N/A

Scenario: 2026
Fire Flow Analysis
Fire Flow Report

Label	Satisfies Fire Flow Constraints?	Base Flow (gpm)	Needed Fire Flow (gpm)	Total Flow Needed (gpm)	Calculated Residual Pressure @ Total Flow Needed (psi)	Calculated Minimum Zone Junction @ Total Flow Needed	Calculated Minimum Zone Pressure (psi)	Available Fire Flow (gpm)
J-148	true	10.58	1,500.00	1,510.58	61.47	J-981	31.85	3,903.66
J-149	true	29.20	1,500.00	1,529.20	60.06	J-981	39.38	3,490.30
J-150	false	9.73	1,500.00	N/A	N/A	N/A	N/A	N/A
J-151	true	12.65	1,500.00	1,512.65	62.66	J-981	22.27	4,326.22
J-152	true	13.62	1,500.00	1,513.62	61.99	J-981	28.99	4,157.89
J-153	true	4.86	1,500.00	1,504.86	62.36	J-981	24.15	4,340.26
J-154	true	13.62	1,500.00	1,513.62	79.33	J-981	22.17	3,549.00
J-155	true	16.54	1,500.00	1,516.54	78.77	J-981	20.13	3,284.83
J-156	true	0.00	1,500.00	1,500.00	74.82	J-981	35.08	2,925.81
J-157	false	3.02	0.00	N/A	N/A	N/A	N/A	N/A
J-158	true	25.09	1,500.00	1,525.09	72.57	J-981	43.16	2,903.67
J-159	true	20.43	1,500.00	1,520.43	86.77	J-981	36.10	5,000.00
J-160	true	1.12	1,500.00	1,501.12	88.83	J-981	41.23	5,000.00
J-161	true	13.62	1,500.00	1,513.62	85.39	J-981	36.82	5,000.00
J-162	false	0.97	0.00	N/A	N/A	N/A	N/A	N/A
J-163	true	7.05	1,500.00	1,507.05	88.39	J-981	40.55	5,000.00
J-164	true	15.57	1,500.00	1,515.57	85.49	J-981	20.01	4,416.96
J-165	false	3.89	0.00	N/A	N/A	N/A	N/A	N/A
J-166	false	4.86	0.00	N/A	N/A	N/A	N/A	N/A
J-167	true	6.69	1,500.00	1,506.69	85.73	J-981	20.00	4,259.77
J-168	true	1.37	1,500.00	1,501.37	86.51	J-981	20.03	4,417.29
J-169	false	4.86	0.00	N/A	N/A	N/A	N/A	N/A
J-170	false	6.51	0.00	N/A	N/A	N/A	N/A	N/A
J-171	false	17.33	0.00	N/A	N/A	N/A	N/A	N/A
J-172	true	6.81	1,500.00	1,506.81	88.23	J-981	21.51	5,000.00
J-173	false	2.24	0.00	N/A	N/A	N/A	N/A	N/A
J-174	true	1.95	1,500.00	1,501.95	76.46	J-981	35.44	3,101.96
J-175	false	3.89	0.00	N/A	N/A	N/A	N/A	N/A
J-176	false	4.70	0.00	N/A	N/A	N/A	N/A	N/A
J-177	false	39.54	0.00	N/A	N/A	N/A	N/A	N/A
J-178	false	10.70	0.00	N/A	N/A	N/A	N/A	N/A
J-179	false	64.70	0.00	N/A	N/A	N/A	N/A	N/A
J-180	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-181	false	7.77	0.00	N/A	N/A	N/A	N/A	N/A
J-182	false	6.81	0.00	N/A	N/A	N/A	N/A	N/A
J-183	false	10.69	0.00	N/A	N/A	N/A	N/A	N/A
J-184	true	3.89	1,500.00	1,503.89	97.54	J-981	20.00	3,851.76
J-185	false	7.78	0.00	N/A	N/A	N/A	N/A	N/A
J-186	true	7.78	1,500.00	1,507.78	60.44	J-981	44.67	1,501.00
J-187	true	0.00	1,500.00	1,500.00	92.59	J-981	44.10	3,297.00
J-188	false	10.69	0.00	N/A	N/A	N/A	N/A	N/A
J-189	false	5.84	0.00	N/A	N/A	N/A	N/A	N/A
J-190	false	5.84	0.00	N/A	N/A	N/A	N/A	N/A
J-191	true	3.88	1,500.00	1,503.88	95.28	J-981	42.42	5,000.00
J-192	false	2.22	0.00	N/A	N/A	N/A	N/A	N/A
J-193	false	4.86	0.00	N/A	N/A	N/A	N/A	N/A
J-194	true	4.86	1,500.00	1,504.86	94.32	J-981	42.38	5,000.00
J-195	false	66.47	0.00	N/A	N/A	N/A	N/A	N/A

Title: INITIAL RUN

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Project Engineer: DMC

WaterCAD v7.0 [07.00.049.00]

Page 4 of 15

Scenario: 2026
Fire Flow Analysis
Fire Flow Report

Label	Satisfies Fire Flow Constraints?	Base Flow (gpm)	Needed Fire Flow (gpm)	Total Flow Needed (gpm)	Calculated Residual Pressure @ Total Flow Needed (psi)	Calculated Minimum Zone Junction @ Total Flow Needed	Calculated Minimum Zone Pressure (psi)	Available Fire Flow (gpm)
J-196	false	4.86	0.00	N/A	N/A	N/A	N/A	N/A
J-197	true	46.51	1,500.00	1,546.51	91.71	J-981	31.88	5,000.00
J-198	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-199	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-200	false	4.69	0.00	N/A	N/A	N/A	N/A	N/A
J-201	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-202	false	2.92	0.00	N/A	N/A	N/A	N/A	N/A
J-203	false	3.89	0.00	N/A	N/A	N/A	N/A	N/A
J-204	false	3.89	0.00	N/A	N/A	N/A	N/A	N/A
J-205	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-206	false	4.86	0.00	N/A	N/A	N/A	N/A	N/A
J-207	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-208	false	1.95	0.00	N/A	N/A	N/A	N/A	N/A
J-209	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-210	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-211	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-212	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-213	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-214	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-215	false	11.67	0.00	N/A	N/A	N/A	N/A	N/A
J-216	true	8.76	1,500.00	1,508.76	84.88	J-981	20.00	3,870.20
J-217	false	15.68	0.00	N/A	N/A	N/A	N/A	N/A
J-218	true	1.74	1,500.00	1,501.74	91.19	J-981	39.07	5,000.00
J-219	false	24.87	0.00	N/A	N/A	N/A	N/A	N/A
J-220	true	0.00	1,500.00	1,500.00	90.45	J-981	39.07	5,000.00
J-221	true	0.00	1,500.00	1,500.00	87.99	J-981	39.07	5,000.00
J-222	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-223	false	0.49	0.00	N/A	N/A	N/A	N/A	N/A
J-224	true	1.81	1,500.00	1,501.81	87.07	J-981	39.07	4,766.80
J-225	true	5.06	1,500.00	1,505.06	87.51	J-981	20.00	4,974.04
J-226	true	9.73	1,500.00	1,509.73	78.19	J-981	39.37	3,243.17
J-227	true	17.51	1,500.00	1,517.51	78.36	J-981	20.03	3,424.09
J-228	false	12.65	0.00	N/A	N/A	N/A	N/A	N/A
J-229	true	7.78	1,500.00	1,507.78	72.04	J-981	20.03	2,984.29
J-230	true	10.70	1,500.00	1,510.70	71.00	J-981	20.03	2,924.58
J-231	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-232	true	16.56	1,500.00	1,516.56	73.40	J-981	20.03	2,998.86
J-233	true	7.69	1,500.00	1,507.69	73.19	J-981	20.02	2,959.85
J-234	false	12.75	0.00	N/A	N/A	N/A	N/A	N/A
J-235	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-236	false	114.24	0.00	N/A	N/A	N/A	N/A	N/A
J-237	false	0.64	0.00	N/A	N/A	N/A	N/A	N/A
J-238	true	0.91	1,500.00	1,500.91	84.50	J-981	20.00	3,899.50
J-239	false	2.66	0.00	N/A	N/A	N/A	N/A	N/A
J-240	false	26.03	0.00	N/A	N/A	N/A	N/A	N/A
J-241	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-242	false	4.86	0.00	N/A	N/A	N/A	N/A	N/A
J-243	true	6.81	1,500.00	1,506.81	80.52	J-981	20.00	3,601.88

Title: INITIAL RUN

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Page 5 of 15

Scenario: 2026
Fire Flow Analysis
Fire Flow Report

Label	Satisfies Fire Flow Constraints?	Base Flow (gpm)	Needed Fire Flow (gpm)	Total Flow Needed (gpm)	Calculated Residual Pressure @ Total Flow Needed (psi)	Calculated Minimum Zone Junction @ Total Flow Needed	Calculated Minimum Zone Pressure (psi)	Available Fire Flow (gpm)
J-244	true	11.67	1,500.00	1,511.67	81.32	J-981	20.00	3,538.46
J-245	false	3.89	0.00	N/A	N/A	N/A	N/A	N/A
J-246	true	9.73	1,500.00	1,509.73	81.69	J-981	20.00	3,599.03
J-247	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-248	true	8.76	1,500.00	1,508.76	80.34	J-981	20.00	3,552.65
J-249	true	5.84	1,500.00	1,505.84	79.40	J-981	20.00	3,592.12
J-250	false	3.21	0.00	N/A	N/A	N/A	N/A	N/A
J-251	true	7.78	1,500.00	1,507.78	77.62	J-981	20.00	3,399.13
J-252	false	1.29	0.00	N/A	N/A	N/A	N/A	N/A
J-253	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-254	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-255	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-256	false	0.25	0.00	N/A	N/A	N/A	N/A	N/A
J-257	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-258	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-259	false	6.81	0.00	N/A	N/A	N/A	N/A	N/A
J-260	true	2.92	1,500.00	1,502.92	56.04	J-981	20.44	3,232.98
J-261	false	1.95	0.00	N/A	N/A	N/A	N/A	N/A
J-262	false	4.86	0.00	N/A	N/A	N/A	N/A	N/A
J-263	false	4.86	0.00	N/A	N/A	N/A	N/A	N/A
J-264	true	9.73	1,500.00	1,509.73	54.97	J-981	20.43	3,051.94
J-265	false	5.85	0.00	N/A	N/A	N/A	N/A	N/A
J-266	true	16.54	1,500.00	1,516.54	53.33	J-981	20.02	2,899.69
J-267	false	4.86	0.00	N/A	N/A	N/A	N/A	N/A
J-268	true	14.59	1,500.00	1,514.59	58.47	J-981	21.23	3,450.54
J-269	true	8.76	1,500.00	1,508.76	58.12	J-981	20.39	3,459.60
J-270	true	11.67	1,500.00	1,511.67	57.67	J-981	20.02	3,175.61
J-271	true	2.46	1,500.00	1,502.46	55.67	J-981	20.00	3,022.59
J-272	false	8.76	0.00	N/A	N/A	N/A	N/A	N/A
J-273	true	8.76	1,500.00	1,508.76	54.34	J-981	20.01	2,991.88
J-274	false	6.81	0.00	N/A	N/A	N/A	N/A	N/A
J-275	true	10.70	1,500.00	1,510.70	55.37	J-981	20.43	3,158.56
J-276	true	14.59	1,500.00	1,514.59	53.38	J-981	20.00	2,952.22
J-277	false	17.92	0.00	N/A	N/A	N/A	N/A	N/A
J-278	true	19.47	1,500.00	1,519.47	53.37	J-981	24.15	3,146.76
J-279	false	4.46	0.00	N/A	N/A	N/A	N/A	N/A
J-280	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-281	false	6.25	0.00	N/A	N/A	N/A	N/A	N/A
J-282	false	11.67	0.00	N/A	N/A	N/A	N/A	N/A
J-283	true	4.24	1,500.00	1,504.24	59.15	J-981	33.03	2,299.39
J-284	false	4.86	0.00	N/A	N/A	N/A	N/A	N/A
J-285	true	0.00	1,500.00	1,500.00	61.67	J-981	32.00	2,361.50
J-286	false	5.60	0.00	N/A	N/A	N/A	N/A	N/A
J-287	true	10.70	1,500.00	1,510.70	77.37	J-981	20.00	2,852.05
J-288	true	15.57	1,500.00	1,515.57	76.57	J-981	20.00	2,852.05
J-289	true	6.81	1,500.00	1,506.81	75.57	J-981	20.00	2,852.05
J-290	true	4.86	1,500.00	1,504.86	69.42	J-981	20.03	2,722.69
J-291	false	4.86	0.00	N/A	N/A	N/A	N/A	N/A

Title: INITIAL RUN

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Project Engineer: DMC

WaterCAD v7.0 [07.00.049.00]

Page 6 of 15

Scenario: 2026
Fire Flow Analysis
Fire Flow Report

Label	Satisfies Fire Flow Constraints?	Base Flow (gpm)	Needed Fire Flow (gpm)	Total Flow Needed (gpm)	Calculated Residual Pressure @ Total Flow Needed (psi)	Calculated Minimum Zone Junction @ Total Flow Needed	Calculated Minimum Zone Pressure (psi)	Available Fire Flow (gpm)
J-292	false	8.76	0.00	N/A	N/A	N/A	N/A	N/A
J-293	false	5.50	0.00	N/A	N/A	N/A	N/A	N/A
J-294	false	8.03	0.00	N/A	N/A	N/A	N/A	N/A
J-295	true	3.21	1,500.00	1,503.21	86.31	J-981	20.00	4,208.20
J-296	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-297	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-298	true	0.00	1,500.00	1,500.00	69.75	J-981	20.01	2,875.90
J-299	false	6.81	0.00	N/A	N/A	N/A	N/A	N/A
J-300	false	0.97	0.00	N/A	N/A	N/A	N/A	N/A
J-301	false	9.73	0.00	N/A	N/A	N/A	N/A	N/A
J-302	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-303	true	0.00	1,500.00	1,500.00	71.01	J-981	20.00	2,876.45
J-304	false	7.78	0.00	N/A	N/A	N/A	N/A	N/A
J-305	true	14.59	1,500.00	1,514.59	71.89	J-981	20.00	2,876.44
J-306	true	15.57	1,500.00	1,515.57	73.62	J-981	20.01	2,876.06
J-307	true	10.70	1,500.00	1,510.70	75.70	J-981	20.00	2,876.45
J-308	true	10.70	1,500.00	1,510.70	72.40	J-981	20.00	2,876.44
J-309	true	16.54	1,500.00	1,516.54	78.47	J-981	20.01	2,876.19
J-310	true	25.29	1,500.00	1,525.29	78.14	J-981	20.01	2,876.08
J-311	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-312	false	274.77	0.00	N/A	N/A	N/A	N/A	N/A
J-313	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-314	true	0.00	1,500.00	1,500.00	69.59	J-981	20.02	2,875.85
J-315	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-316	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-317	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-318	true	14.59	1,500.00	1,514.59	81.92	J-981	37.28	5,000.00
J-319	false	34.72	0.00	N/A	N/A	N/A	N/A	N/A
J-320	false	8.96	0.00	N/A	N/A	N/A	N/A	N/A
J-321	true	18.48	1,500.00	1,518.48	86.48	J-981	20.00	2,659.47
J-322	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-323	true	12.32	1,500.00	1,512.32	64.37	J-981	20.00	2,517.77
J-325	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-326	true	0.00	1,500.00	1,500.00	83.52	J-981	20.00	3,626.21
J-327	false	8.76	0.00	N/A	N/A	N/A	N/A	N/A
J-328	true	4.86	1,500.00	1,504.86	54.01	J-981	31.64	2,098.30
J-329	false	7.78	0.00	N/A	N/A	N/A	N/A	N/A
J-330	true	6.81	1,500.00	1,506.81	75.84	J-981	20.46	3,555.67
J-331	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-332	false	10.70	0.00	N/A	N/A	N/A	N/A	N/A
J-333	false	1.03	0.00	N/A	N/A	N/A	N/A	N/A
J-334	true	10.70	1,500.00	1,510.70	77.76	J-981	20.00	3,356.19
J-335	false	8.76	0.00	N/A	N/A	N/A	N/A	N/A
J-336	true	7.78	1,500.00	1,507.78	77.70	J-981	20.00	3,347.92
J-337	true	7.78	1,500.00	1,507.78	77.35	J-981	20.00	3,308.03
J-338	true	5.84	1,500.00	1,505.84	77.42	J-981	20.00	3,349.72
J-339	false	3.89	0.00	N/A	N/A	N/A	N/A	N/A
J-340	false	3.89	0.00	N/A	N/A	N/A	N/A	N/A

Scenario: 2026
Fire Flow Analysis
Fire Flow Report

Label	Satisfies Fire Flow Constraints?	Base Flow (gpm)	Needed Fire Flow (gpm)	Total Flow Needed (gpm)	Calculated Residual Pressure @ Total Flow Needed (psi)	Calculated Minimum Zone Junction @ Total Flow Needed	Calculated Minimum Zone Pressure (psi)	Available Fire Flow (gpm)
J-341	true	6.81	1,500.00	1,506.81	74.35	J-981	20.00	3,082.38
J-342	false	4.86	0.00	N/A	N/A	N/A	N/A	N/A
J-343	true	6.81	1,500.00	1,506.81	72.46	J-981	20.00	2,921.46
J-344	true	9.73	1,500.00	1,509.73	66.31	J-981	20.01	2,642.53
J-345	false	15.73	0.00	N/A	N/A	N/A	N/A	N/A
J-346	true	6.43	1,500.00	1,506.43	76.23	J-981	20.03	2,848.93
J-347	true	4.86	1,500.00	1,504.86	72.24	J-981	20.00	2,682.95
J-348	false	17.92	0.00	N/A	N/A	N/A	N/A	N/A
J-349	false	7.78	0.00	N/A	N/A	N/A	N/A	N/A
J-350	true	7.78	1,500.00	1,507.78	72.33	J-981	20.00	2,771.72
J-351	false	8.76	1,500.00	N/A	N/A	N/A	N/A	N/A
J-352	false	17.92	1,500.00	N/A	N/A	N/A	N/A	N/A
J-353	true	3.89	1,500.00	1,503.89	67.51	J-981	29.51	1,501.00
J-354	true	12.66	1,500.00	1,512.66	60.61	J-981	20.00	2,876.44
J-355	false	6.81	1,500.00	N/A	N/A	N/A	N/A	N/A
J-356	false	5.84	1,500.00	N/A	N/A	N/A	N/A	N/A
J-357	true	11.67	1,500.00	1,511.67	57.60	J-981	20.02	2,875.84
J-358	false	0.00	1,500.00	N/A	N/A	N/A	N/A	N/A
J-359	false	0.00	1,500.00	N/A	N/A	N/A	N/A	N/A
J-360	true	0.00	1,500.00	1,500.00	41.24	J-981	28.17	2,552.98
J-361	true	0.00	1,500.00	1,500.00	96.73	J-981	42.54	5,000.00
J-364	false	5.81	1,500.00	N/A	N/A	N/A	N/A	N/A
J-365	false	0.96	1,500.00	N/A	N/A	N/A	N/A	N/A
J-366	false	3.02	1,500.00	N/A	N/A	N/A	N/A	N/A
J-367	false	9.87	1,500.00	N/A	N/A	N/A	N/A	N/A
J-368	false	7.16	1,500.00	N/A	N/A	N/A	N/A	N/A
J-369	false	1.16	1,500.00	N/A	N/A	N/A	N/A	N/A
J-370	true	0.00	1,500.00	1,500.00	70.32	J-981	25.71	3,139.77
J-371	false	19.01	1,500.00	N/A	N/A	N/A	N/A	N/A
J-372	true	9.53	1,500.00	1,509.53	90.92	J-981	39.07	5,000.00
J-373	false	2.20	1,500.00	N/A	N/A	N/A	N/A	N/A
J-374	false	0.00	1,500.00	N/A	N/A	N/A	N/A	N/A
J-375	false	0.73	1,500.00	N/A	N/A	N/A	N/A	N/A
J-376	false	15.08	1,500.00	N/A	N/A	N/A	N/A	N/A
J-377	false	0.00	1,500.00	N/A	N/A	N/A	N/A	N/A
J-378	false	12.40	1,500.00	N/A	N/A	N/A	N/A	N/A
J-379	false	0.00	1,500.00	N/A	N/A	N/A	N/A	N/A
J-380	false	13.19	1,500.00	N/A	N/A	N/A	N/A	N/A
J-381	true	1.62	1,500.00	1,501.62	68.28	J-981	41.71	3,464.00
J-382	false	0.00	1,500.00	N/A	N/A	N/A	N/A	N/A
J-383	false	0.00	1,500.00	N/A	N/A	N/A	N/A	N/A
J-384	true	5.63	1,500.00	1,505.63	93.65	J-981	39.07	5,000.00
J-385	true	0.94	1,500.00	1,500.94	91.53	J-981	38.29	5,000.00
J-386	true	17.77	1,500.00	1,517.77	91.12	J-981	39.07	5,000.00
J-387	false	1.74	1,500.00	N/A	N/A	N/A	N/A	N/A
J-388	false	0.00	1,500.00	N/A	N/A	N/A	N/A	N/A
J-389	true	0.00	1,500.00	1,500.00	93.77	J-981	39.07	5,000.00
J-390	false	10.30	1,500.00	N/A	N/A	N/A	N/A	N/A

Scenario: 2026
Fire Flow Analysis
Fire Flow Report

Label	Satisfies Fire Flow Constraints?	Base Flow (gpm)	Needed Fire Flow (gpm)	Total Flow Needed (gpm)	Calculated Residual Pressure @ Total Flow Needed (psi)	Calculated Minimum Zone Junction @ Total Flow Needed	Calculated Minimum Zone Pressure (psi)	Available Fire Flow (gpm)
J-391	true	0.00	1,500.00	1,500.00	68.13	J-981	41.83	2,478.13
J-392	true	7.77	1,500.00	1,507.77	92.58	J-981	37.81	5,000.00
J-393	false	10.08	1,500.00	N/A	N/A	N/A	N/A	N/A
J-394	true	0.00	1,500.00	1,500.00	92.89	J-981	39.07	5,000.00
J-395	true	1.07	1,500.00	1,501.07	92.13	J-981	39.07	5,000.00
J-396	false	0.00	1,500.00	N/A	N/A	N/A	N/A	N/A
J-397	false	10.42	1,500.00	N/A	N/A	N/A	N/A	N/A
J-398	true	0.00	1,500.00	1,500.00	95.25	J-981	39.07	5,000.00
J-399	true	18.48	1,500.00	1,518.48	93.35	J-981	39.07	5,000.00
J-400	true	13.43	1,500.00	1,513.43	91.96	J-981	39.07	5,000.00
J-401	true	0.00	1,500.00	1,500.00	91.07	J-981	39.07	5,000.00
J-402	true	2.47	1,500.00	1,502.47	93.85	J-981	39.07	5,000.00
J-403	true	0.00	1,500.00	1,500.00	94.02	J-981	39.07	5,000.00
J-404	true	0.42	1,500.00	1,500.42	91.15	J-981	39.07	5,000.00
J-405	false	3.66	1,500.00	N/A	N/A	N/A	N/A	N/A
J-406	false	0.00	1,500.00	N/A	N/A	N/A	N/A	N/A
J-407	false	0.00	1,500.00	N/A	N/A	N/A	N/A	N/A
J-408	false	0.00	1,500.00	N/A	N/A	N/A	N/A	N/A
J-409	false	0.00	1,500.00	N/A	N/A	N/A	N/A	N/A
J-410	false	10.70	1,500.00	N/A	N/A	N/A	N/A	N/A
J-411	true	7.65	1,500.00	1,507.65	64.80	J-981	29.52	5,000.00
J-412	true	12.65	1,500.00	1,512.65	72.89	J-981	33.14	5,000.00
J-413	true	4.86	1,500.00	1,504.86	74.49	J-981	34.83	5,000.00
J-414	true	3.88	1,500.00	1,503.88	49.94	J-981	20.02	2,875.81
J-415	true	8.75	1,500.00	1,508.75	48.86	J-981	20.00	2,876.45
J-416	false	0.00	1,500.00	N/A	N/A	N/A	N/A	N/A
J-417	false	0.00	1,500.00	N/A	N/A	N/A	N/A	N/A
J-418	true	10.70	1,500.00	1,510.70	73.60	J-981	20.00	2,838.69
J-419	true	7.78	1,500.00	1,507.78	73.39	J-981	20.00	2,834.30
J-420	false	12.65	1,500.00	N/A	N/A	N/A	N/A	N/A
J-421	true	15.57	1,500.00	1,515.57	64.40	J-981	20.03	2,617.61
J-422	true	0.00	1,500.00	1,500.00	65.38	J-981	20.46	2,657.28
J-423	false	4.86	1,500.00	N/A	N/A	N/A	N/A	N/A
J-424	false	0.00	1,500.00	N/A	N/A	N/A	N/A	N/A
J-425	false	0.00	1,500.00	N/A	N/A	N/A	N/A	N/A
J-426	false	0.00	1,500.00	N/A	N/A	N/A	N/A	N/A
J-427	false	0.00	1,500.00	N/A	N/A	N/A	N/A	N/A
J-428	false	0.58	1,500.00	N/A	N/A	N/A	N/A	N/A
J-429	false	0.00	1,500.00	N/A	N/A	N/A	N/A	N/A
J-430	false	0.00	1,500.00	N/A	N/A	N/A	N/A	N/A
J-431	false	0.00	1,500.00	N/A	N/A	N/A	N/A	N/A
J-432	false	0.00	1,500.00	N/A	N/A	N/A	N/A	N/A
J-433	false	0.00	1,500.00	N/A	N/A	N/A	N/A	N/A
J-434	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-435	false	1.95	1,500.00	N/A	N/A	N/A	N/A	N/A
J-436	true	3.89	1,500.00	1,503.89	61.93	J-981	20.00	2,500.68
J-437	true	1.95	1,500.00	1,501.95	58.39	J-981	28.08	2,334.97
J-438	false	1.95	0.00	N/A	N/A	N/A	N/A	N/A

Scenario: 2026
Fire Flow Analysis
Fire Flow Report

Label	Satisfies Fire Flow Constraints?	Base Flow (gpm)	Needed Fire Flow (gpm)	Total Flow Needed (gpm)	Calculated Residual Pressure @ Total Flow Needed (psi)	Calculated Minimum Zone Junction @ Total Flow Needed	Calculated Minimum Zone Pressure (psi)	Available Fire Flow (gpm)
J-439	true	1.95	1,500.00	1,501.95	35.86	J-981	37.48	1,726.59
J-440	true	0.82	1,500.00	1,500.82	45.14	J-981	27.55	1,916.61
J-441	false	11.15	0.00	N/A	N/A	N/A	N/A	N/A
J-442	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-443	true	7.55	2,500.00	2,507.55	80.52	J-981	36.63	5,000.00
J-444	true	0.72	1,500.00	1,500.72	92.07	J-981	39.07	5,000.00
J-445	false	0.11	0.00	N/A	N/A	N/A	N/A	N/A
J-446	true	8.72	1,500.00	1,508.72	91.70	J-981	39.07	5,000.00
J-447	true	0.00	1,500.00	1,500.00	91.22	J-981	39.07	5,000.00
J-448	true	0.00	1,500.00	1,500.00	87.47	J-981	20.22	4,382.00
J-449	true	1.25	1,500.00	1,501.25	86.28	J-981	20.65	4,103.81
J-450	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-451	true	0.00	2,500.00	2,500.00	83.49	J-981	39.07	5,000.00
J-452	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-453	true	0.12	1,500.00	1,500.12	91.04	J-981	39.07	5,000.00
J-454	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-455	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-456	true	1.84	1,500.00	1,501.84	90.59	J-981	39.07	5,000.00
J-457	true	0.00	1,500.00	1,500.00	90.66	J-981	39.07	5,000.00
J-458	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-459	true	0.24	1,500.00	1,500.24	87.33	J-981	30.63	4,514.33
J-460	true	0.01	2,500.00	2,500.01	74.52	J-981	20.00	4,555.88
J-461	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-462	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-463	true	0.00	1,500.00	1,500.00	80.24	J-981	39.08	3,361.01
J-464	true	0.55	1,500.00	1,500.55	81.89	J-981	22.89	3,564.77
J-465	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-466	true	0.00	1,500.00	1,500.00	84.05	J-981	20.02	3,890.52
J-467	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-468	true	0.03	1,500.00	1,500.03	76.83	J-981	39.55	3,081.10
J-469	true	0.07	2,500.00	2,500.07	57.97	J-981	20.03	3,520.87
J-470	true	0.01	1,500.00	1,500.02	78.31	J-981	33.12	3,209.43
J-471	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-472	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-473	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-474	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-475	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-476	true	0.03	1,500.00	1,500.03	82.68	J-981	39.07	3,486.25
J-477	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-478	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-479	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-480	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-481	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-482	true	0.00	1,500.00	1,500.00	92.15	J-981	30.68	5,000.00
J-483	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-484	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-485	true	0.00	1,500.00	1,500.00	90.34	J-981	20.00	4,974.37
J-486	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A

Scenario: 2026
Fire Flow Analysis
Fire Flow Report

Label	Satisfies Fire Flow Constraints?	Base Flow (gpm)	Needed Fire Flow (gpm)	Total Flow Needed (gpm)	Calculated Residual Pressure @ Total Flow Needed (psi)	Calculated Minimum Zone Junction @ Total Flow Needed	Calculated Minimum Zone Pressure (psi)	Available Fire Flow (gpm)
J-487	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-488	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-489	false	3.89	0.00	N/A	N/A	N/A	N/A	N/A
J-490	false	3.89	0.00	N/A	N/A	N/A	N/A	N/A
J-491	false	4.86	0.00	N/A	N/A	N/A	N/A	N/A
J-492	false	4.86	0.00	N/A	N/A	N/A	N/A	N/A
J-493	false	5.84	0.00	N/A	N/A	N/A	N/A	N/A
J-494	false	6.81	0.00	N/A	N/A	N/A	N/A	N/A
J-495	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-496	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-497	false	56.00	0.00	N/A	N/A	N/A	N/A	N/A
J-498	false	12.65	0.00	N/A	N/A	N/A	N/A	N/A
J-499	true	0.00	1,500.00	1,500.00	74.49	J-981	21.21	2,765.78
J-500	true	9.73	1,500.00	1,509.73	75.81	J-981	20.00	2,782.44
J-501	true	11.55	1,500.00	1,511.55	76.67	J-981	20.43	2,684.82
J-502	true	15.58	1,500.00	1,515.58	74.50	J-981	27.08	2,597.98
J-503	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-504	true	0.00	1,500.00	1,500.00	79.61	J-981	39.07	5,000.00
J-505	false	0.01	0.00	N/A	N/A	N/A	N/A	N/A
J-506	true	0.00	1,500.00	1,500.00	81.06	J-981	39.07	5,000.00
J-507	false	6.83	0.00	N/A	N/A	N/A	N/A	N/A
J-508	true	11.67	1,500.00	1,511.67	75.67	J-981	29.20	5,000.00
J-509	false	6.81	0.00	N/A	N/A	N/A	N/A	N/A
J-510	true	7.78	1,500.00	1,507.78	66.29	J-981	42.00	3,242.71
J-511	true	12.65	1,500.00	1,512.65	75.32	J-981	36.42	5,000.00
J-512	false	5.84	0.00	N/A	N/A	N/A	N/A	N/A
J-513	false	7.79	0.00	N/A	N/A	N/A	N/A	N/A
J-514	true	5.84	1,500.00	1,505.84	72.58	J-981	38.04	5,000.00
J-515	true	7.78	1,500.00	1,507.78	76.84	J-981	36.90	5,000.00
J-516	false	3.89	0.00	N/A	N/A	N/A	N/A	N/A
J-517	false	5.84	0.00	N/A	N/A	N/A	N/A	N/A
J-518	true	2.92	1,500.00	1,502.92	71.61	J-981	31.56	5,000.00
J-519	false	3.89	0.00	N/A	N/A	N/A	N/A	N/A
J-520	true	5.84	1,500.00	1,505.84	71.32	J-981	36.64	5,000.00
J-521	false	2.92	0.00	N/A	N/A	N/A	N/A	N/A
J-522	true	6.81	1,500.00	1,506.81	63.86	J-981	20.00	2,588.44
J-523	true	2.25	1,500.00	1,502.25	54.68	J-981	20.00	2,588.47
J-524	false	16.61	0.00	N/A	N/A	N/A	N/A	N/A
J-525	true	2.92	1,500.00	1,502.92	72.57	J-981	20.03	2,843.00
J-527	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-528	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-529	false	12.63	0.00	N/A	N/A	N/A	N/A	N/A
J-530	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-531	false	3.89	0.00	N/A	N/A	N/A	N/A	N/A
J-532	true	7.78	1,500.00	1,507.78	80.08	J-981	20.24	4,372.78
J-533	false	1.95	0.00	N/A	N/A	N/A	N/A	N/A
J-534	true	7.78	1,500.00	1,507.78	80.26	J-981	20.22	4,446.55
J-535	false	2.92	0.00	N/A	N/A	N/A	N/A	N/A

Scenario: 2026
Fire Flow Analysis
Fire Flow Report

Label	Satisfies Fire Flow Constraints?	Base Flow (gpm)	Needed Fire Flow (gpm)	Total Flow Needed (gpm)	Calculated Residual Pressure @ Total Flow Needed (psi)	Calculated Minimum Zone Junction @ Total Flow Needed	Calculated Minimum Zone Pressure (psi)	Available Fire Flow (gpm)
J-536	true	4.86	1,500.00	1,504.86	84.24	J-981	39.33	5,000.00
J-537	false	56.00	0.00	N/A	N/A	N/A	N/A	N/A
J-538	true	2.92	1,500.00	1,502.92	83.50	J-981	29.05	5,000.00
J-539	false	2.92	0.00	N/A	N/A	N/A	N/A	N/A
J-540	true	5.84	1,500.00	1,505.84	83.66	J-981	31.53	5,000.00
J-541	false	1.95	0.00	N/A	N/A	N/A	N/A	N/A
J-542	true	13.62	1,500.00	1,513.62	84.53	J-981	39.07	5,000.00
J-543	true	6.29	1,500.00	1,506.29	91.58	J-981	39.07	5,000.00
J-544	true	9.30	1,500.00	1,509.30	91.43	J-981	39.07	5,000.00
J-546	true	7.78	1,500.00	1,507.78	88.37	J-981	39.07	4,738.77
J-547	true	13.13	1,500.00	1,513.13	90.70	J-981	39.07	5,000.00
J-548	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-549	true	8.05	1,500.00	1,508.05	88.67	J-981	30.77	5,000.00
J-550	true	0.00	1,500.00	1,500.00	88.55	J-981	30.68	5,000.00
J-551	true	0.00	1,500.00	1,500.00	88.85	J-981	29.70	5,000.00
J-552	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-553	true	24.32	1,500.00	1,524.32	89.31	J-981	30.32	5,000.00
J-554	true	19.46	1,500.00	1,519.46	89.18	J-981	27.98	5,000.00
J-555	true	10.70	1,500.00	1,510.70	87.98	J-981	20.00	4,838.02
J-556	false	15.09	0.00	N/A	N/A	N/A	N/A	N/A
J-557	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-558	false	19.10	0.00	N/A	N/A	N/A	N/A	N/A
J-559	true	15.57	1,500.00	1,515.57	88.32	J-981	20.22	4,958.54
J-560	false	12.26	0.00	N/A	N/A	N/A	N/A	N/A
J-561	true	7.78	1,500.00	1,507.78	90.40	J-981	32.98	5,000.00
J-562	true	0.00	1,500.00	1,500.00	90.70	J-981	38.83	5,000.00
J-563	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-564	false	3.89	0.00	N/A	N/A	N/A	N/A	N/A
J-565	false	3.89	0.00	N/A	N/A	N/A	N/A	N/A
J-566	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-567	true	3.39	1,500.00	1,503.39	92.58	J-981	39.07	5,000.00
J-568	false	22.40	0.00	N/A	N/A	N/A	N/A	N/A
J-569	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-570	false	22.40	0.00	N/A	N/A	N/A	N/A	N/A
J-571	true	22.38	1,500.00	1,522.38	69.34	J-981	20.02	2,875.85
J-572	true	12.65	1,500.00	1,512.65	74.36	J-981	20.02	2,875.85
J-573	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-574	true	9.73	1,500.00	1,509.73	74.88	J-981	20.02	2,875.85
J-575	false	7.79	0.00	N/A	N/A	N/A	N/A	N/A
J-576	true	12.65	1,500.00	1,512.65	71.19	J-981	20.02	2,875.85
J-577	true	16.54	1,500.00	1,516.54	74.48	J-981	20.02	2,875.85
J-578	false	6.81	0.00	N/A	N/A	N/A	N/A	N/A
J-579	true	14.59	1,500.00	1,514.59	73.97	J-981	20.02	2,875.85
J-580	false	4.86	0.00	N/A	N/A	N/A	N/A	N/A
J-581	false	0.97	0.00	N/A	N/A	N/A	N/A	N/A
J-582	false	3.89	0.00	N/A	N/A	N/A	N/A	N/A
J-583	true	3.89	1,500.00	1,503.89	74.28	J-981	20.02	2,875.86
J-584	false	3.89	0.00	N/A	N/A	N/A	N/A	N/A

Scenario: 2026
Fire Flow Analysis
Fire Flow Report

Label	Satisfies Fire Flow Constraints?	Base Flow (gpm)	Needed Fire Flow (gpm)	Total Flow Needed (gpm)	Calculated Residual Pressure @ Total Flow Needed (psi)	Calculated Minimum Zone Junction @ Total Flow Needed	Calculated Minimum Zone Pressure (psi)	Available Fire Flow (gpm)
J-585	true	0.00	1,500.00	1,500.00	67.56	J-981	20.01	2,876.04
J-586	false	5.84	0.00	N/A	N/A	N/A	N/A	N/A
J-587	true	7.78	1,500.00	1,507.78	52.36	J-981	27.52	3,445.88
J-588	true	0.00	1,500.00	1,500.00	78.67	J-981	20.00	3,969.11
J-589	false	0.26	0.00	N/A	N/A	N/A	N/A	N/A
J-590	true	0.00	1,500.00	1,500.00	71.33	J-981	25.74	3,114.53
J-591	false	0.36	0.00	N/A	N/A	N/A	N/A	N/A
J-592	true	0.55	1,500.00	1,500.55	68.64	J-981	27.17	2,936.05
J-593	false	77.59	0.00	N/A	N/A	N/A	N/A	N/A
J-594	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-595	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-596	true	0.00	1,500.00	1,500.00	79.71	J-981	20.00	3,841.65
J-597	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-598	true	0.00	1,500.00	1,500.00	79.34	J-981	20.00	3,793.73
J-599	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-600	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-601	false	5.64	0.00	N/A	N/A	N/A	N/A	N/A
J-602	true	9.84	1,500.00	1,509.84	68.89	J-981	25.03	3,083.43
J-603	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-604	true	0.00	1,500.00	1,500.00	62.03	J-981	28.65	2,527.88
J-605	true	2.87	1,500.00	1,502.87	78.20	J-981	20.00	3,707.40
J-606	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-607	true	2.01	1,500.00	1,502.01	79.59	J-981	20.00	3,543.65
J-608	true	0.00	1,500.00	1,500.00	74.68	J-981	20.00	3,543.64
J-609	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-610	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-611	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-612	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-613	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-614	false	21.28	0.00	N/A	N/A	N/A	N/A	N/A
J-615	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-616	false	21.28	0.00	N/A	N/A	N/A	N/A	N/A
J-617	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-618	false	23.52	0.00	N/A	N/A	N/A	N/A	N/A
J-619	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-620	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-621	true	0.11	1,500.00	1,500.11	91.38	J-981	34.35	5,000.00
J-622	true	0.00	1,500.00	1,500.00	90.07	J-981	23.09	5,000.00
J-623	false	23.52	0.00	N/A	N/A	N/A	N/A	N/A
J-624	true	0.00	1,500.00	1,500.00	91.03	J-981	33.82	5,000.00
J-625	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-628	false	23.52	0.00	N/A	N/A	N/A	N/A	N/A
J-636	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-637	true	13.62	1,500.00	1,513.62	81.76	J-981	20.00	3,874.37
J-638	false	29.12	0.00	N/A	N/A	N/A	N/A	N/A
J-639	true	34.46	1,500.00	1,534.46	70.37	J-981	43.91	2,690.07
J-640	false	56.00	0.00	N/A	N/A	N/A	N/A	N/A
J-650	false	22.38	0.00	N/A	N/A	N/A	N/A	N/A

Title: INITIAL RUN

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Project Engineer: DMC
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Page 13 of 15

Scenario: 2026
Fire Flow Analysis
Fire Flow Report

Label	Satisfies Fire Flow Constraints?	Base Flow (gpm)	Needed Fire Flow (gpm)	Total Flow Needed (gpm)	Calculated Residual Pressure @ Total Flow Needed (psi)	Calculated Minimum Zone Junction @ Total Flow Needed	Calculated Minimum Zone Pressure (psi)	Available Fire Flow (gpm)
J-651	false	12.65	0.00	N/A	N/A	N/A	N/A	N/A
J-653	false	16.54	0.00	N/A	N/A	N/A	N/A	N/A
J-654	false	21.40	0.00	N/A	N/A	N/A	N/A	N/A
J-655	false	18.48	0.00	N/A	N/A	N/A	N/A	N/A
J-656	false	23.68	0.00	N/A	N/A	N/A	N/A	N/A
J-657	false	16.54	0.00	N/A	N/A	N/A	N/A	N/A
J-658	false	0.30	0.00	N/A	N/A	N/A	N/A	N/A
J-659	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-660	false	0.62	0.00	N/A	N/A	N/A	N/A	N/A
J-661	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-750	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-751	false	4.86	1,500.00	N/A	N/A	N/A	N/A	N/A
J-752	false	20.81	1,500.00	N/A	N/A	N/A	N/A	N/A
J-813	false	0.00	1,500.00	N/A	N/A	N/A	N/A	N/A
J-814	false	0.00	1,500.00	N/A	N/A	N/A	N/A	N/A
J-822	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-823	true	0.00	1,500.00	1,500.00	42.76	J-138	41.87	1,501.00
J-824	true	0.00	1,500.00	1,500.00	38.59	J-150	38.99	1,501.00
J-825	false	12.32	0.00	N/A	N/A	N/A	N/A	N/A
J-826	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-827	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-828	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-829	true	0.00	2,500.00	2,500.00	66.84	J-981	20.00	3,955.55
J-830	true	0.00	2,500.00	2,500.00	66.52	J-981	20.00	3,954.04
J-831	false	109.76	0.00	N/A	N/A	N/A	N/A	N/A
J-832	true	0.00	2,500.00	2,500.00	66.61	J-981	20.00	3,953.02
J-833	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-834	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-835	true	0.00	2,500.00	2,500.00	66.83	J-981	20.00	3,951.63
J-836	true	0.00	2,500.00	2,500.00	66.92	J-981	20.00	3,951.16
J-837	true	0.00	2,500.00	2,500.00	67.37	J-981	20.00	3,949.49
J-838	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-840	true	0.00	2,500.00	2,500.00	67.36	J-981	20.00	3,956.51
J-841	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-842	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-843	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-844	false	0.68	1,500.00	N/A	N/A	N/A	N/A	N/A
J-845	false	0.00	1,500.00	N/A	N/A	N/A	N/A	N/A
J-846	false	0.00	1,500.00	N/A	N/A	N/A	N/A	N/A
J-847	false	2.04	1,500.00	N/A	N/A	N/A	N/A	N/A
J-848	false	1.37	1,500.00	N/A	N/A	N/A	N/A	N/A
J-849	false	1.37	1,500.00	N/A	N/A	N/A	N/A	N/A
J-850	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-851	true	0.00	1,500.00	1,500.00	72.85	J-981	36.11	1,501.00
J-852	true	0.00	1,500.00	1,500.00	72.37	J-981	36.11	1,501.00
J-853	false	0.00	0.00	N/A	N/A	N/A	N/A	N/A
J-901	false	0.00	1,500.00	N/A	N/A	N/A	N/A	N/A
J-906	false	4.26	1,500.00	N/A	N/A	N/A	N/A	N/A

Scenario: 2026
Fire Flow Analysis
Fire Flow Report

Label	Satisfies Fire Flow Constraints?	Base Flow (gpm)	Needed Fire Flow (gpm)	Total Flow Needed (gpm)	Calculated Residual Pressure @ Total Flow Needed (psi)	Calculated Minimum Zone Junction @ Total Flow Needed	Calculated Minimum Zone Pressure (psi)	Available Fire Flow (gpm)
J-917	false	0.00	1,500.00	N/A	N/A	N/A	N/A	N/A
J-981	false	0.00	1,500.00	N/A	N/A	N/A	N/A	N/A
J-982	false	0.00	1,500.00	N/A	N/A	N/A	N/A	N/A

