

Record Number	From Node	To Node	Internal ID Numbe	Facility Type	Size/Type Code	Allow Sizing	Length	Total Eff, Decimal	Flow Rate	Q Units	Velocity, Mps	Volume, M^3	Inlet Pressure	Outlet Pressure	Pressure Drop	
1	15	20	46	Main - Proposed LP	90mm	Yes	45.93	1	-250.33	kW	1.24	0.24	24.69	24.56	0.13	
2	25	30	47	Main - Proposed LP	63mm	Yes	25.54	1	-82.67	kW	0.98	0.06	24.90	24.82	0.08	
3	30	35	48	Main - Proposed LP	63mm	Yes	18.70	1	-82.67	kW	0.98	0.04	24.97	24.90	0.06	
4	35	40	49	Main - Proposed LP	90mm	Yes	17.17	1	-187.24	kW	0.93	0.09	25.00	24.97	0.03	
5	40	45	50	Main - Proposed LP	180mm	Yes	49.08	1	1187.23	kW	1.46	1.02	25.00	24.92	0.08	
6	55	60	52	Main - Proposed LP	90mm	Yes	80.55	1	145.82	kW	0.72	0.42	24.33	24.24	0.09	
7	60	65	53	Main - Proposed LP	90mm	Yes	18.82	1	145.82	kW	0.72	0.10	24.24	24.22	0.02	
8	65	70	54	Main - Proposed LP	90mm	Yes	82.33	1	145.82	kW	0.72	0.43	24.22	24.13	0.09	
9	70	75	55	Main - Proposed LP	63mm	Yes	31.45	1	72.70	kW	0.86	0.07	24.13	24.04	0.08	
10	70	80	56	Main - Proposed LP	63mm	Yes	61.16	1	51.26	kW	0.61	0.13	24.13	24.04	0.09	
11	85	90	57	Main - Proposed LP	125mm	Yes	56.66	1	603.78	kW	1.54	0.57	24.77	24.62	0.15	
12	95	100	58	Main - Proposed LP	63mm	Yes	54.97	1	-51.26	kW	0.61	0.12	24.05	23.97	0.08	
13	105	110	59	Main - Proposed LP	63mm	Yes	50.10	1	101.66	kW	1.21	0.11	24.08	23.84	0.24	
14	115	100	60	Main - Proposed LP	63mm	Yes	9.61	1	-25.35	kW	0.30	0.02	24.05	24.05	0.00	
15	125	130	61	Main - Proposed LP	63mm	Yes	30.44	1	101.66	kW	1.21	0.07	24.10	23.95	0.14	
16	45	140	63	Main - Proposed LP	63mm	Yes	53.43	1	137.26	kW	1.63	0.12	24.92	24.50	0.42	
17	35	295	64	Main - Proposed LP	90mm	Yes	29.51	1	137.26	kW	0.68	0.15	24.97	24.94	0.03	
18	15	155	66	Main - Proposed LP	90mm	Yes	54.59	1	203.31	kW	1.01	0.28	24.56	24.45	0.11	
19	55	155	68	Main - Proposed LP	90mm	Yes	62.80	1	-203.31	kW	1.01	0.32	24.45	24.33	0.12	
20	55	165	69	Main - Proposed LP	63mm	Yes	16.48	1	92.30	kW	1.10	0.04	24.33	24.26	0.07	
21	165	170	70	Main - Proposed LP	63mm	Yes	17.71	1	51.26	kW	0.61	0.04	24.26	24.24	0.03	
22	165	175	71	Main - Proposed LP	63mm	Yes	21.71	1	62.29	kW	0.74	0.05	24.26	24.22	0.04	
23	120	180	175	Main - Proposed LP	63mm	Yes	6.41	1	25.35	kW	0.30	0.01	24.23	24.22	0.00	
24	CSEP	40	176	Main - Proposed LP	250mm	Yes	9.26	1	1304.95	kW	0.83	0.37	25.00	25.00	0.00	
25	85	190	177	Main - Proposed LP	180mm	Yes	68.88	1	-1002.53	kW	1.24	1.43	24.85	24.77	0.08	
26	195	85	185	Main - Proposed LP	125mm	Yes	23.13	1	-399.09	kW	1.02	0.23	24.77	24.74	0.03	
27	200	305	190	Main - Proposed LP	90mm	Yes	12.00	1	62.29	kW	0.31	0.06	24.57	24.57	0.00	
28	210	215	191	Main - Proposed LP	63mm	Yes	21.41	1	51.26	kW	0.61	0.05	24.60	24.57	0.03	
29	20	195	267	Main - Proposed LP	125mm	Yes	47.63	1	-362.71	kW	0.93	0.48	24.74	24.69	0.05	
30	220	210	268	Main - Proposed LP	125mm	Yes	20.84	1	-477.81	kW	1.22	0.21	24.60	24.56	0.04	
31	220	225	269	Main - Proposed LP	63mm	Yes	21.80	1	51.26	kW	0.61	0.05	24.56	24.53	0.03	
32	20	230	270	Main - Proposed LP	63mm	Yes	49.37	1	101.66	kW	1.21	0.11	24.69	24.46	0.23	
33	120	250	274	Main - Proposed LP	90mm	Yes	51.51	1	-340.67	kW	1.69	0.27	24.47	24.23	0.25	
34	150	235	280	Main - Proposed LP	63mm	Yes	29.61	1	62.29	kW	0.74	0.06	24.91	24.85	0.06	
35	150	300	281	Main - Proposed LP	63mm	Yes	9.28	1	-62.29	kW	0.74	0.02	24.93	24.91	0.02	
36	220	245	282	Main - Proposed LP	63mm	Yes	19.18	1	51.26	kW	0.61	0.04	24.56	24.53	0.03	
37	190	45	283	Main - Proposed LP	180mm	Yes	49.70	1	-1108.33	kW	1.37	1.03	24.92	24.85	0.07	
38	250	255	284	Main - Proposed LP	63mm	Yes	11.73	1	51.26	kW	0.61	0.03	24.47	24.45	0.02	
39	100	105	305	Main - Proposed LP	90mm	Yes	37.50	1	-110.81	kW	0.55	0.19	24.08	24.05	0.03	
40	105	125	306	Main - Proposed LP	90mm	Yes	10.19	1	-179.11	kW	0.89	0.05	24.10	24.08	0.02	
41	125	120	307	Main - Proposed LP	90mm	Yes	36.48	1	-288.46	kW	1.43	0.19	24.23	24.10	0.13	
42	250	220	308	Main - Proposed LP	90mm	Yes	16.38	1	-370.02	kW	1.83	0.08	24.56	24.47	0.09	
43	210	90	309	Main - Proposed LP	125mm	Yes	8.74	1	-555.14	kW	1.42	0.09	24.62	24.60	0.02	
44	200	210	310	Main - Proposed LP	90mm	Yes	48.40	1	-101.66	kW	0.50	0.25	24.60	24.57	0.03	
45	280	275	313	Main - Proposed LP	63mm	Yes	12.31	1	101.66	kW	1.21	0.03	24.83	24.77	0.06	
46	190	280	317	Main - Proposed LP	63mm	Yes	4.81	1	101.66	kW	1.21	0.01	24.85	24.83	0.02	
47	275	135	318	Main - Proposed LP	63mm	Yes	18.43	1	101.66	kW	1.21	0.04	24.77	24.68	0.09	
48	295	300	319	Main - Proposed LP	90mm	Yes	9.18	1	137.26	kW	0.68	0.05	24.94	24.93	0.01	
49	300	240	321	Main - Proposed LP	63mm	Yes	28.18	1	101.66	kW	1.21	0.06	24.93	24.80	0.13	
50	305	205	322	Main - Proposed LP	63mm	Yes	42.36	1	51.26	kW	0.61	0.09	24.57	24.50	0.06	