

LINE AS SHOWN DESIGN AS NOTED

HYDRAULIC DESIGN DATA SHEET

LINE NO.	NUMBER OF CUSTOMERS	STATION TO	STATION FROM	PIPE DIA. INCHES	FLOW G. P. M.	HEAD LOSS FT./1000	TOTAL LOSS FOR REACH	ELEVATIONS AT 2ND STATION MAX.	MIN.	GR.	PRESSURE AT 2ND STA. MAX., PSI	MIN., PSI
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	PEAK FLOW							PUMPING / TANK MIN.				
13			0					1201.36	1137.65	930.00	117.5	89.9
	91	0	1000	4.0	68	2.606	2.61		1135.04	940.00	113.1	84.4
	52	1000	2600		58	1.942	3.11		1131.93	975.00	98.0	67.9
	48	2600	5400		57	1.881	5.77		1126.77	980.00	95.8	63.5
	42	5400	6600		55	1.760	2.11		1124.05	982.00	95.0	61.5
	36	6600	9000		53	1.644	3.95		1120.10	972.00	99.3	64.1
	30	9000	11800	4.0	50	1.476	4.13		1115.97	970.00	100.2	63.2
	24	11800	14200	3.0	46	4.303	10.33		1105.64	960.00	104.5	63.0
	18	14200	14800		39	3.173	1.90		1103.74	950.00	108.8	66.6
	16	14800	16400		37	2.878	4.60		1099.14	960.00	104.5	60.2
	12	16400	18200		32	2.199	3.96		1095.18	965.00	102.3	56.4
	11	18200	19400		30	1.951	2.34		1092.84	950.00	108.8	61.8
	8	19400	19800		28	1.718	0.69		1092.15	940.00	113.1	65.9
	6	19800	20600		26	1.498	1.20		1090.95	950.00	108.8	61.0
	3	20600	21600	3.0	20	0.922	0.92	1201.36	1090.03	935.00	115.3	67.1
	PEAK FLOW											
131			0					1201.36	1135.04	940.00	113.1	84.4
	15	0	2600	2.0	35	17.109	44.48	1201.36	1090.56	930.00	117.5	69.5
	PEAK FLOW											
14			0					1160.88	1149.35	980.00	78.3	73.3
	26	0	2000	6.0	48	0.215		1160.88	1149.13	1000.00	69.6	64.6
	16	2000	4400	6.0	37	0.134		1160.88	1149.00	1000.00	69.6	64.5

LINE 1, STA. 130+00
LINE 131

LINE 13, STA. 10+00

LINE 1, STA. 390+00
METER, MILAN

 CONSULTING ENGINEERS, ARCHITECTS, PLANNERS Columbus, Indiana Madison, Indiana Delaware, Ohio	JOB	61190
	SHEET NO.	74 OF 89
	SCALE	N/A
	DATE	9-25-80
	DRAWN	EW
	CHECKED	WOS
APPROVED		
CERTIFIED		
ELROD WATER CO., INC. RIPLEY COUNTY, INDIANA SYSTEM IMPROVE - DIVISION A HYDRAULIC DESIGN DATA		