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DRAINAGE AREA	AREA (ACRES)	ACCU. AREA	C _s	C ₁₀₀	T _c (MIN)	S _s (IN/HR)	S ₁₀₀ (IN/HR)	Q _s (CFS)	Q ₁₀₀ (CFS)	PIPE SIZE	PIPE SLOPE
AREA 'A'											
100' x 100' LOT 2 LIGHT COMMERCIAL	6.04		0.69	0.80	22	16	3.81	7.18	15.9	36" RCP	0.28%
AREA 'B'											
NORTH 1/2 34th ST. N.	0.35		0.88	0.93	15	15	4.56	7.37	1.4	24" RCP	0.25%
TOTAL TO LAKE		6.39	0.70	0.91	22	16	3.81	7.18	17.0	42" RCP	0.20%
AREA 'C'											
MIDDLE LOT 2 LIGHT COMMERCIAL	2.25		0.69	0.80	24	18	3.65	6.84	5.2	18" RCP	1.00%
AREA 'D'											
WEST PART LOT 2 LIGHT COMMERCIAL	4.32		0.69	0.80	27	19	3.42	6.68	10.3	30" RCP	0.30%
34th STREET NORTH DRAINAGE										15" RCP	0.50%
AREA 'E'											
WEST PART LOT 1 APARTMENTS - 2' SOIL	8.86		0.73	0.86	23	15	3.73	7.37	24.1	42" RCP	0.20%
34th STREET NORTH DRAINAGE										42" RCP	0.25%
AREA 'F'											
NORTH 1/2 34th ST. N.	1.41		0.88	0.93	15	15	4.56	7.37	4.5	18" RCP	0.20%
SUB-TOTAL		10.47	0.75	0.87	24	18	3.65	7.37	28.7	48" RCP	0.20%
TOTAL TO NEW CHANNEL		12.09	0.73	0.84	28	20	3.37	6.53	33.2	60" RCP	0.20%

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DRAINAGE AREA	AREA (ACRES)	ACCU. AREA	C _s	C ₁₀₀	T _c (MIN)	S _s (IN/HR)	S ₁₀₀ (IN/HR)	Q _s (CFS)	Q ₁₀₀ (CFS)	PIPE SIZE	PIPE SLOPE
AREA 'G'											
NO PART LOT 1 APARTMENTS	1.99		0.78	0.93	20	15	4.00	7.37	6.2	24" RCP	0.40%
AREA 'H'											
SINGLE FAMILY - 2' SOIL 4th AL - 38% IMPERVIOUS PLOT 14 - 34th ST. N.	3.79		0.59	0.73	22	12	3.43	7.00	7.2	24" RCP	0.40%
SUB-TOTAL		5.77	0.66	0.82	22	12	3.43	7.00	13.1	24" RCP	0.40%
AREA 'I'											
SINGLE FAMILY - 2' SOIL 4th AL - 38% IMPERVIOUS PLOT WEST 1/2 - JENNIFER	6.94		0.57	0.78	22	20	3.05	6.53	12.1	24" RCP	0.50%
TOTAL - W. SIDE OF JENNIFER		12.71	0.61	0.80	22	20	3.05	6.53	25.6	36" RCP	0.40%
AREA 'J'											
PLOT 14 - JENNIFER	1.12		0.88	0.93	15	15	4.56	7.37	4.5	18" RCP	0.20%
AREA 'K'											
PLOT 14 - JENNIFER	2.31		0.74	0.88	19	15	4.10	7.37	7.0	24" RCP	0.40%
AREA 'L'											
PLOT 14 - JENNIFER	1.84		0.74	0.88	17	15	4.31	7.37	5.9	24" RCP	0.40%

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DRAINAGE AREA	AREA (ACRES)	ACCU. AREA	C _s	C ₁₀₀	T _c (MIN)	S _s (IN/HR)	S ₁₀₀ (IN/HR)	Q _s (CFS)	Q ₁₀₀ (CFS)	PIPE SIZE	PIPE SLOPE
AREA 'M'											
PLOT 14 - JENNIFER	0.90		0.74	0.86	21	16	3.90	7.18	2.6	18" RCP	0.20%
TOTAL TO SHUMP OVER A/CB SOUTH SIDE 34th ST. N. EAST SIDE JENNIFER		6.17	0.77	0.85	21	16	3.90	7.18	18.6	36" RCP	0.20%
DEWATER EAST OF ROCK ROAD	12.40		0.69	0.80	35	26	2.99	5.79	255.8	576" RCP	0.20%
FROM ROCK ROAD STATIONING											
PROPOSED SOUTH CHANNEL										120.0	
PROPOSED NORTH CHANNEL										120.0	
TOTAL										240.0	
UPSTREAM LAKE WEIR DESIGN										650	
DOWNSLOPE LAKE WEIR DESIGN										650	
PROPOSED OUTLET CHANNEL										20 FT BOTTOM WIDTH 4:1 SIDE SLOPES	
DRAINAGE C JENNIFER		127.85	0.70	0.81	47	32	2.37	6.14	322.1	745.5	3-10' 14" RCP