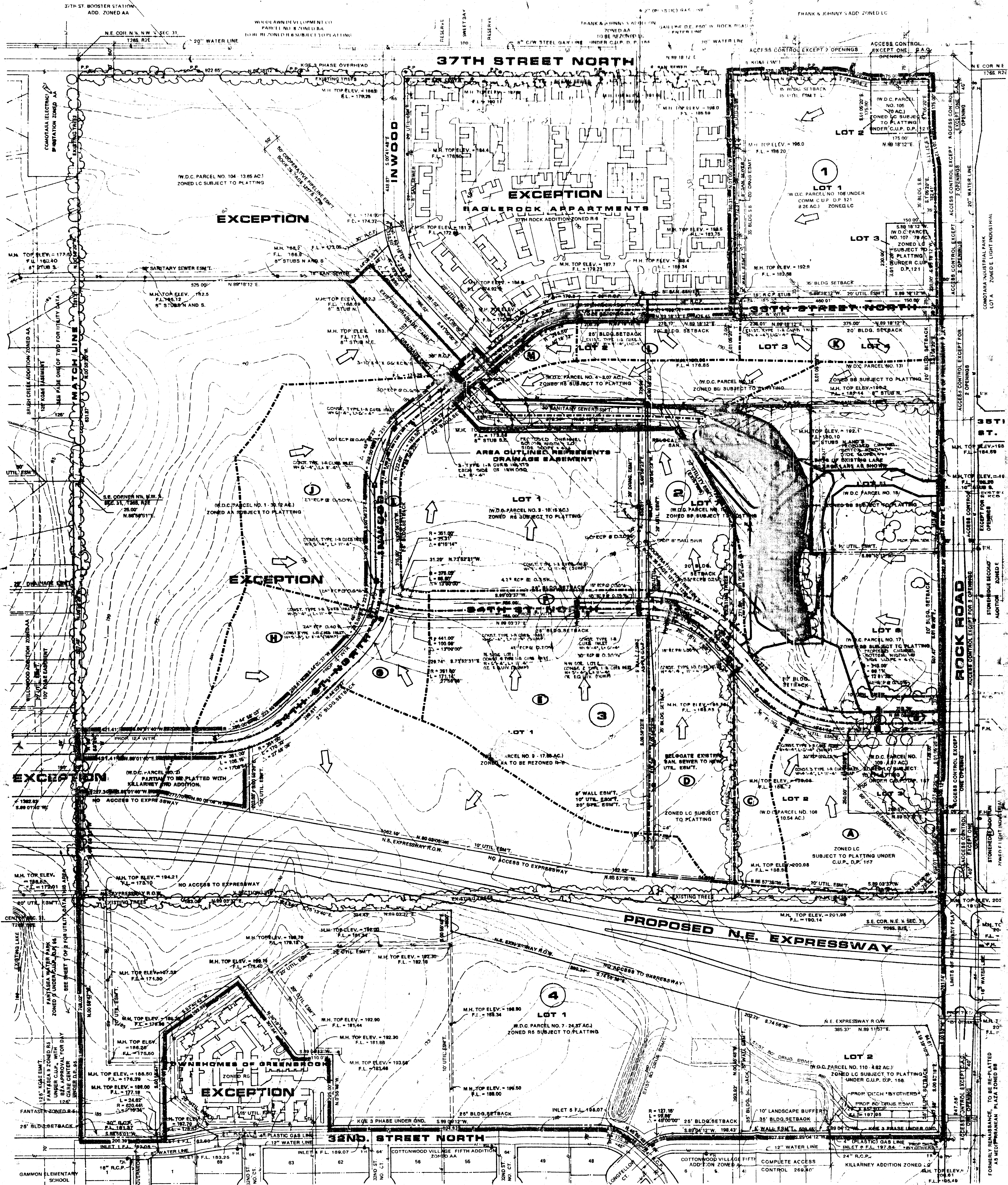
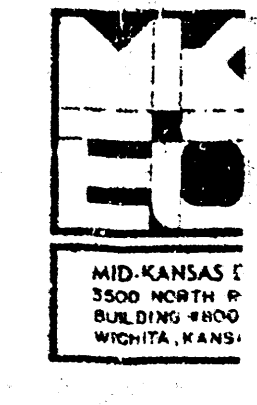




DRAINAGE & UTILITY PLAN FOR KILLARNEY PLAZA 2ND.

23 Feb 88
JNT



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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' PART 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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1	2	3	4	5	6	7	8	9	10	11	12
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	3.79		0.59	0.73	22	12	3.43	7.00	2.0	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	6.94		0.57	0.78	22	20	3.05	6.53	12.1	24" RCP	0.50%
TOTAL - W. SIDE OF LAKE		12.71	0.61	0.80	23	20	3.05	6.53	25.6	36" RCP	0.40%
AREA 'J'											
PART LOT 1 - INWOOD	1.12		0.88	0.93	15	15	4.56	7.37	4.5	18" RCP	0.20%
AREA 'K'											
PART LOT 2 - PART LOT 4 BUSINESS	2.31		0.74	0.88	19	15	4.10	7.37	7.0	24" RCP	0.40%
AREA 'L'											
PART LOT 2 - PART LOT 3 BUSINESS	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'											
PART LOT 2 APARTMENTS	0.90		0.74	0.86	21	16	3.90	7.18	2.6	24" RCP	0.20%
TOTAL TO SHUMP OVER R.C.B. SOUTH SIDE 34th ST. N. EAST SIDE INWOOD		6.17	0.77	0.85	21	16	3.90	7.18	18.6	36" RCP	0.20%
DEWATER EAST OF RICH. ROAD	12.40		0.69	0.80	35	26	2.98	5.79	255.8	576" RCP	0.20%
PROPOSED SOUTH CHANNEL										120.0	
PROPOSED NORTH CHANNEL										120.0	
TOTAL										240.0	
UPSTREAM LAKE WEIR DESIGN										650	
DOWNSTREAM LAKE WEIR DESIGN										650	
PROPOSED OUTLET CHANNEL										20 FT. BOTTOM WIDTH 4:1 SIDE SLOPES	
DRAINAGE C INWOOD		127.85	0.70	0.81	47	32	2.37	6.14	322.1	745.5	3- 10' 14" R.C.B.