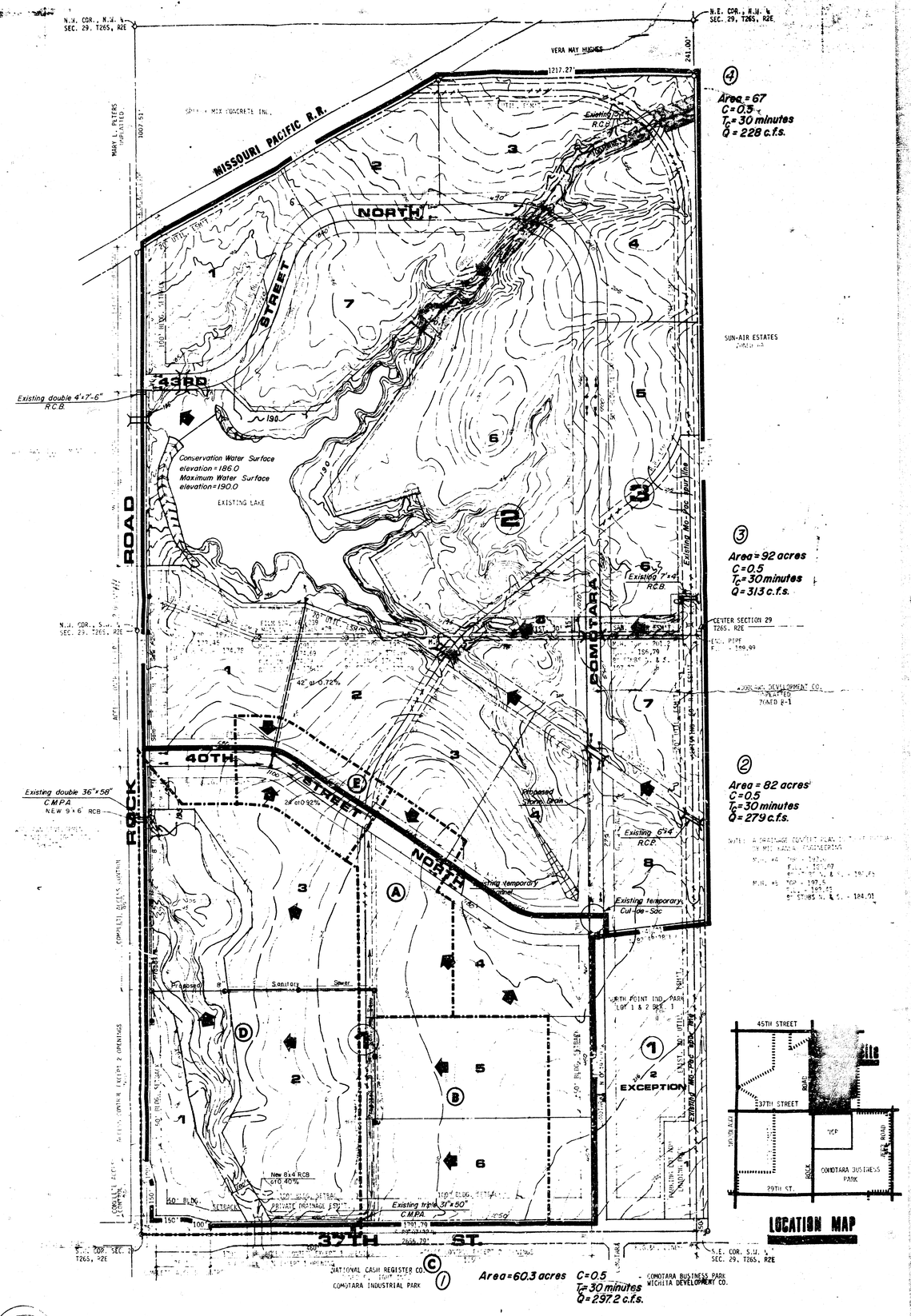

NORTH POINT INDUSTRIAL PARK 2ND
DRAINAGE PLAN

NORTH POINT INDUSTRIAL PARK 2ND
(Drainage)

North Point Industrial Park 2

Q = CIA

	Node	1 Area (acres)	2 Area acc.	3 T_c (min)	4 C	5 i_2	6 i_{10}	7 i_{100}	8 Q_2	9 Q_{10}	10 Q_{100}	11 Pipe size	12 Slope
1	II (A)	13.8		20	0.7	3.63	6.44	8.03	62.36	33.51	49.46	24" @ 90° @	0.92% 0.28%
2	IIII (E)	6.6		15	0.7	4.06	6.08	8.98	18.76	28.09	41.49		
3			15.4	20	0.7	3.63	5.44	8.03	39.13	58.64	86.56	42" @ 48" @	0.72% 0.36%
4	III (C)	60.3		30	0.726	3.96	6.56	5.79	171.61	199.63	297.25	7'x5' RCB 8'x6'	0.4%
5	II (B)	18.9		36	0.7	2.51	3.95	5.89	33.2	52.26	77.92		
6	V (D)	44.8		18	0.7	3.78	5.67	8.37	118.54	117.81	262.46		
7			124	36	0.7	2.51	3.95	5.89	217.87	342.26	511.25	10'x6' 8'x7'	0.4%

1. Signify Drainage Easement to North
2. [illegible]
3. Development [illegible] design [illegible]