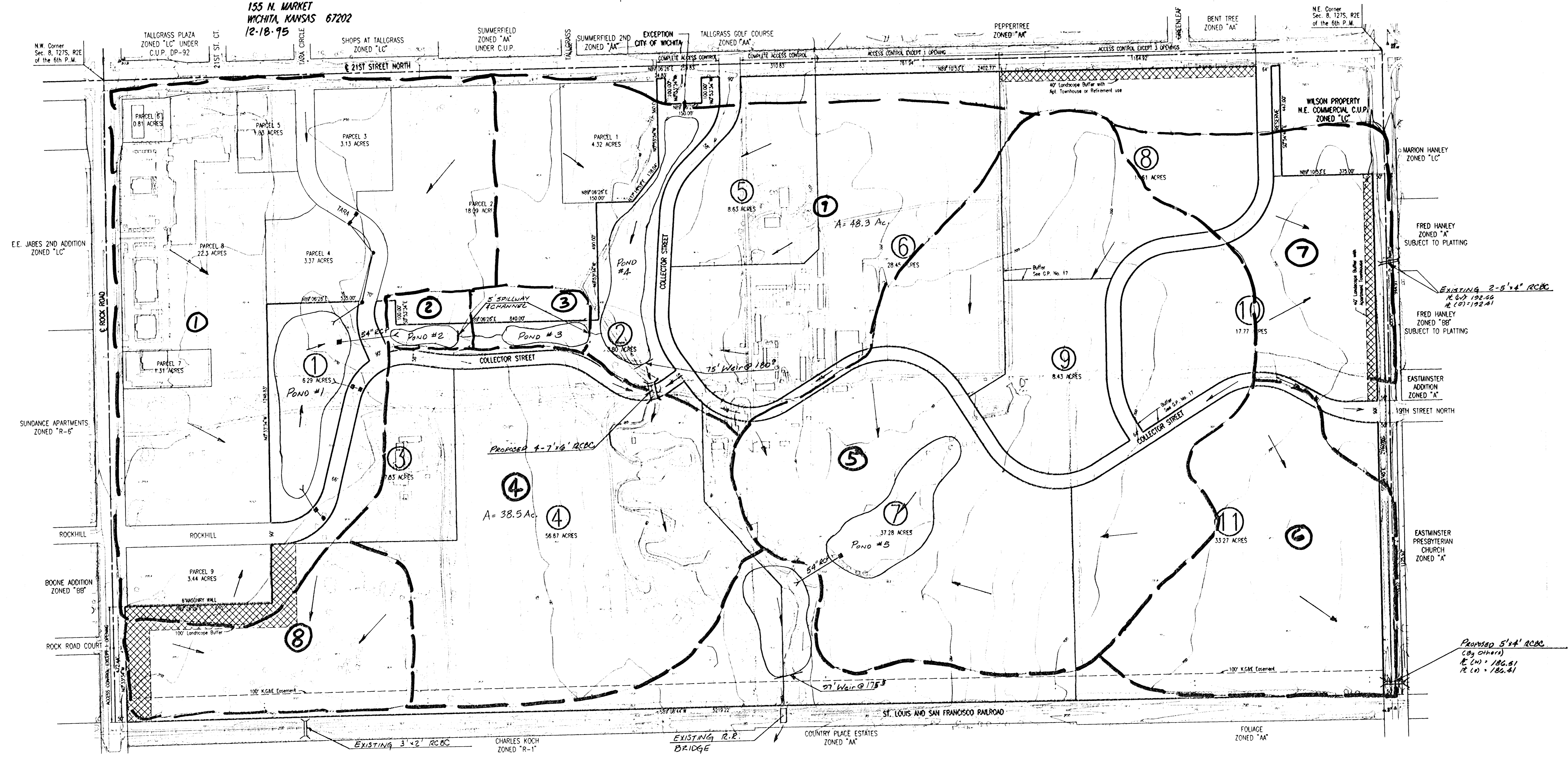


**DRAINAGE PLAN BRADLEY FAIR 2ND ADD.
WILSON ESTATES RESIDENTIAL**

OWNER: WILSON ESTATES
200 MARKET CENTRE
155 N. MARKET
WICHITA, KANSAS 67202
12-18-95

SCALE: 1"=200'
OCT 26, 1995



Pond #	Static Pool Elev.	High Water Elevation	Area @ Static (Ac.)	Area @ High Water (Ac.)	Q _{100-in}	Q _{100-out}	DWS-100
1	198.0	201.0	2.75	3.50	343	168	200.88
2	195.0	197.0	0.50	0.90	174	174	198.91
3	196.0	199.0	0.50	0.90	187	188	187.98
4	190.0	184.0	#	#	1243	1243	183.50
5	181.5	188.0	2.75	3.50	434	223	184.78
6	175.5	180.0	#	#	1243	1243	179.00

- Storage in Ponds #4 and #6 not evaluated because all design uses FEMA's 1243 cfs.

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