

NOTE: Lots will be graded to drain to approved drainage way or a public Storm Sewer via drives, flumes, &/or private Storm Sewer. Private drainage easements for draining each lot into the other via private Storm Sewer system shall be provided at the time of building plans approval.

Ⓐ
 $Q_s = 17.6$ cfs
 $Q_{100} = 28.7$ cfs
 $t_c = 18$ Min.
 $I_s = 3.3$ in/Hr.
 $I_{100} = 6.2$ in/Hr.
 $A = 5.78$ Ac.
 $C = 0.8$

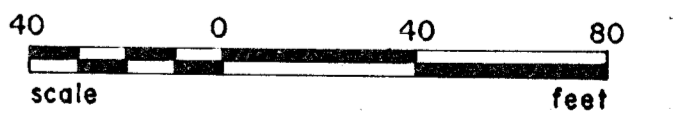
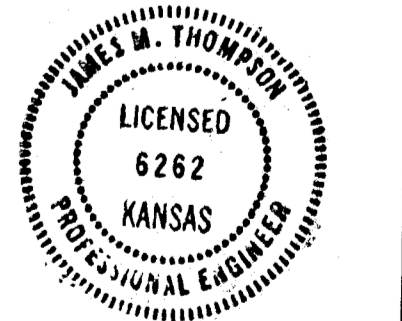
Ⓒ
 $Q_s = 33.3$ cfs
 $Q_{100} = 54.3$ cfs
 $t_c = 18.4$ Min.
 $I_s = 3.8$ in/Hr.
 $I_{100} = 6.2$ in/Hr.
 $A = 10.95$ Ac.
 $C = 0.8$

Ⓒ
 $Q_s = 35.3$ cfs
 $Q_{100} = 58.27$ cfs
 $t_c = 19.5$ Min.
 $I_s = 3.7$ in/Hr.
 $I_{100} = 6.1$ in/Hr.
 $A = 11.94$ Ac.
 $C = 0.8$

Ⓑ
 $Q_s = 1.97$ cfs
 $Q_{100} = 3.3$ cfs
 $t_c = 15$ Min.
 $I_s = 4.1$ in/Hr.
 $I_{100} = 6.9$ in/Hr.
 $A = 0.60$ Ac.
 $C = 0.8$

Ⓓ
 $Q_s = 35.3$ cfs
 $Q_{100} = 58.3$ cfs
 $t_c = 19.8$ Min.
 $I_s = 3.7$ in/Hr.
 $I_{100} = 6.1$ in/Hr.
 $A = 11.94$ Ac.
 $C = 0.8$

Connection Point for Private Storm Sewer



CITY OF WICHITA
 Engineering Dept.
 APPROVED BY _____
 Date _____

dp POE & ASSOCIATES CONSULTING ENGINEERS	INDEPENDENCE COMMONS	
	DRAINAGE CONCEPT MAP	
ENGINEER: J.M.T.	CHECKED BY: J.W.	
DRAWN BY: J.W.	SCALE: NOTED	
DATE: APR. 16, 1979	SHEET OF	

Revised Sept. 1979