

0 100 200

Date of Preparation: 9 November 2000

NOTE:  
A master grading plan for drainage has been developed for this subdivision and is on file with the City of Wichita, Kansas. All drainage easements, rights-of-ways, or reserves shall remain at established grades or as modified with the approval of the City Engineer of the City of Wichita, Kansas. No obstructions which impede the flow of this drainage system be allowed.

| Minimum Building Pad Elevations for<br>Lowest Opening to the Structures |       |            |        |
|-------------------------------------------------------------------------|-------|------------|--------|
| Lot                                                                     | Block | Elevation  |        |
|                                                                         |       | City Datum | NGVD29 |
| 4,5                                                                     | D     | 103.6      | 1293.0 |
| 12-21                                                                   | D     | 105.6      | 1293.0 |

| Bosin ID | Area<br>acres | Runoff Coefficient |                 |                   | Peak Flowrate |               |                 |
|----------|---------------|--------------------|-----------------|-------------------|---------------|---------------|-----------------|
|          |               | 2-year<br>in/in    | 5-year<br>in/in | 100-year<br>in/in | 2-year<br>cfs | 5-year<br>cfs | 100-year<br>cfs |
| 1        | 3.7           | 0.42               | 0.44            | 0.59              | 6.0           | 7.4           | 18              |
| 3        | 1.9           | 0.62               | 0.44            | 0.59              | 3.1           | 3.8           | 8.5             |
| 5        | 1.2           | 0.62               | 0.44            | 0.59              | 1.9           | 2.3           | 5.2             |
| 4        | 7.6           | 0.42               | 0.44            | 0.59              | 13            | 16            | 34              |
| 5        | 4.6           | 0.42               | 0.44            | 0.59              | 7.4           | 9.2           | 20              |
| 6        | 2.7           | 0.42               | 0.44            | 0.59              | 4.3           | 5.4           | 12              |
| 7        | 3.0           | 0.42               | 0.44            | 0.59              | 4.8           | 6.0           | 13              |
| 8        | 7.5           | 0.42               | 0.44            | 0.59              | 12            | 15            | 31              |
| 9        | 2.1           | 0.62               | 0.44            | 0.59              | 3.4           | 4.2           | 9.7             |
| 10       | 0.8           | 0.42               | 0.44            | 0.59              | 1.3           | 1.6           | 3.5             |
| 11       | 0.7           | 0.42               | 0.44            | 0.59              | 1.1           | 1.4           | 3.0             |
| 12       | 3.2           | 0.42               | 0.44            | 0.59              | 5.1           | 6.4           | 14              |
| 13       | 4.2           | 0.42               | 0.44            | 0.59              | 6.8           | 8.4           | 18              |
| 14       | 1.2           | 0.42               | 0.44            | 0.59              | 1.9           | 2.4           | 5.2             |
| 15       | 1.1           | 0.62               | 0.44            | 0.59              | 1.6           | 2.0           | 4.5             |
| 16       | 1.0           | 0.42               | 0.44            | 0.59              | 1.6           | 2.0           | 4.3             |
| 17       | 5.1           | 0.42               | 0.44            | 0.59              | 8.2           | 10            | 22              |
| 18       | 1.7           | 0.42               | 0.44            | 0.59              | 2.7           | 3.4           | 7.4             |

Channel Section  
to be constructed to  
proposed crossing  
at 47th St. South

Revised 30 April 2002  
9 NOVEMBER 2001