

Existing Conditions		Flow Rate (cfs)					
Area (Ac)	Tc (min)	2-yr	5-yr	10-yr	100-yr	100-yr	
A	0.65	1.5	1.6	1.9	2.3	3.6	
B	2.42	1.5	5.8	7.1	8.6	14.4	

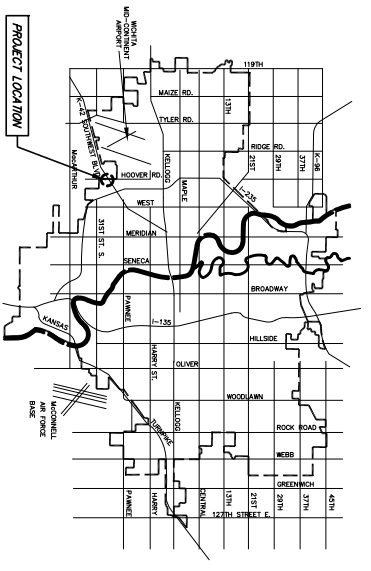
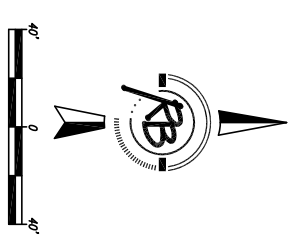
  

Proposed Conditions		Flow Rate (cfs)					
Area (Ac)	Tc (min)	2-yr	5-yr	10-yr	100-yr	100-yr	
A	0.65	1.7	2.0	2.5	3.8	3.8	
B	2.42	1.5	6.3	7.6	9.2	14.3	

Existing Proposed  
 $I_1=3.83$   $C_1=0.63$   $C_2=0.69$   
 $I_2=4.58$   $C_1=0.64$   $C_2=0.69$   
 $I_3=5.12$   $C_1=0.68$   $C_2=0.70$   
 $I_4=1.37$   $C_1=0.75$   $C_2=0.80$

Exist Impervious Area=5530 s.f.  
 Prop. Impervious Area=13750 s.f.

NOTE: PILL PLACED AT OR BELOW A 1294.0 ELEVATION SHALL BE NOTICED ON A 1:1 RATIO TO PROVIDE COMPENSATORY STORAGE VOLUMES.



VICINITY MAP

MINIMUM PUD ELEVATION FOR LOWEST OPENING = 1297.0 (NA10088)

**BENCHMARK**  
 CHECKED SQUARE ON THE TOP OF CURB ON THE EAST SIDE OF THE ROAD AT THE INTERSECTION OF DRIVE ENTRANCE, 1240 FEET SOUTH AND 25 FEET EAST OF THE NORTHWEST CORNER OF THE SW/4 OF SEC. 2, T28S, R1W, ELEVATION = 1200.33 (NA10088)

Markland Addition  
**Drainage Plan**

**RUGGLES & BOHM**  
 ENGINEERING & SURVEYING | LANDSCAPE ARCHITECTURE | DESIGN-BUILD  
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