



③  
 AREA = 0.07 Ac.  
 Q2 = (0.07)(1.27) = 0.09 cfs  
 Q5 = (0.07)(1.55) = 0.11 cfs  
 Q15 = (0.07)(1.87) = 0.14 cfs  
 Q25 = (0.07)(2.31) = 0.16 cfs  
 Q100 = (0.07)(2.95) = 0.21 cfs

①  
 AREA = 1.01 Ac.  
 Q2 = (1.01)(1.27) = 1.28 cfs  
 Q5 = (1.01)(1.55) = 1.57 cfs  
 Q15 = (1.01)(1.87) = 1.89 cfs  
 Q25 = (1.01)(2.31) = 2.33 cfs  
 Q100 = (1.01)(2.95) = 2.98 cfs

②  
 AREA = 1.18 Ac.  
 Q2 = (1.18)(1.27) = 1.50 cfs  
 Q5 = (1.18)(1.55) = 1.83 cfs  
 Q15 = (1.18)(1.87) = 2.21 cfs  
 Q25 = (1.18)(2.31) = 2.73 cfs  
 Q100 = (1.18)(2.95) = 3.48 cfs

The original of this drawing is on file at the office of The Clayton Engineering Company. Any modifications to this drawing shall release said Clayton Engineering Company, the Engineer and/or the Surveyor whose seal appears hereon from any liability resulting from said unauthorized modifications.

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<b>QUIKTRIP #640</b> <b>EXISTING DRAINAGE AREA MAP</b> 801 BELLEAU CREEK ROAD O'FALLON, MISSOURI 63366	
Designed: ECK/AJM Drawn: AJM Checked: DAC Date: 10/10/00 Project Number: 99301 Sheet Number: 10 of 11	the clayton engineering company, inc. ENGINEERS • SURVEYORS • PLANNERS 11920 WESTLINE INDUSTRIAL DRIVE ST. LOUIS, MISSOURI 63148 (314) 692-8888 FAX: (314) 692-8888 clayton-engineering.com

