

	Acs.	cfs/Ac	cfs
A	0.09	3.85	0.35
B	0.17	3.85	0.65
C	0.16	3.85	0.62
D	0.14	3.85	0.54
E	0.15	3.85	0.58
F	0.13	3.85	0.50
G	0.05	3.85	0.19

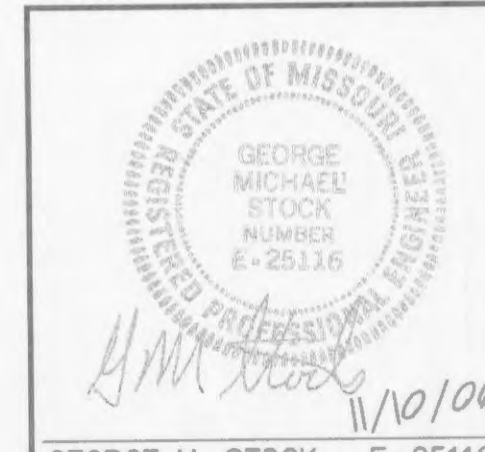
15YR-20 MIN. P.I. FACTOR,  
 ASSUME 100% IMP (COMMERCIAL) = 3.85 cfs/Ac.  
 (PER ZONING CODE TITLE IV, CHAP. 405, ART. V. SEC. 405.230)

POST-DEVELOPED ONSITE TO DETENTION BASIN = 4.33 Acs  
 EXISTING CONDITIONS ONSITE TO DETENTION BASIN = 4.31 Acs  
 DIFFERENCE = 0.02 Acs

0.02 Acs/4.31 Acs x 100 = 0.46% < 10%  
 Therefore existing detention basin can be reused per  
 Zoning Code Title IV, Chap. 405, Art. V. Sec. 405.240.B.3

MoDOT, WATER COMMENTS 11/10/06  
 CITY, MoDOT, FIRE COMMENTS 11/7/06

GOLD'S GYM - O'FALLON, MO  
 POST-DEVELOPED DRAINAGE AREA PLAN



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