

DATE: Apr 20, 2009 - 11:07am
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OUTFALL #1

DRAINAGE AREA CALCULATIONS									
DA#	AREA (AC)	2-YR PI	2-YR Q (CFS)	15-YR PI	15-YR Q (CFS)	25-YR PI	25-YR Q (CFS)	100-YR PI	100-YR Q (CFS)
A	0.84	1.15	0.97	1.87	1.57	2.31	1.94	2.95	2.48
B	20.14	1.15	23.16	1.87	37.66	2.31	46.52	2.95	59.41
TOTAL			24.13		39.23		48.46		61.89

OUTFALL #2

DRAINAGE AREA CALCULATIONS									
DA#	AREA (AC)	2-YR PI	2-YR Q (CFS)	15-YR PI	15-YR Q (CFS)	25-YR PI	25-YR Q (CFS)	100-YR PI	100-YR Q (CFS)
C	19.01	1.15	21.86	1.87	35.55	2.31	43.91	2.95	56.08
D	0.68	1.15	0.78	1.87	1.27	2.31	1.57	2.95	2.01
E	0.76	2.39	1.92	3.85	2.93	4.75	3.61	5.08	4.62
F	0.41	1.15	0.47	1.87	0.77	2.31	0.95	2.95	1.21
G	0.97	1.15	1.12	1.87	1.81	2.31	2.24	2.95	2.86
H	3.0	1.15	3.45	1.87	5.61	2.31	6.93	2.95	8.85
TOTAL			29.50		47.94		59.21		75.63

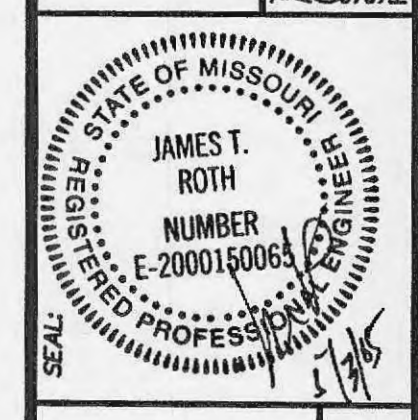


REVISIONS

DATE	DESCRIPTION
9/29/04	MEZELLE DR 2
12/2/04	COLE AND ASSOCIATES
1/2/05	CITY OF OFFALLON COMMENTS
1/29/05	DUCKETT CREEK COMMENTS
1/27/05	CITY OF OFFALLON COMMENTS
2/14/05	CITY OF OFFALLON COMMENTS
2/18/05	CITY OF OFFALLON COMMENTS
2/18/05	DUCKETT CREEK COMMENTS

DEVELOPER/OWNER:
 WINGHAVEN LAND INVESTORS, L.L.C.
 C/O MC EAGLE DEVELOPMENT COMPANY
 1001 BOARDWALK SPRINGS PLACE
 OFFFALLON, MO 63366
 (636) 561-9300

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CALEDONIA
 HIGHWAY 40/61 AND WINGHAVEN
 OFFFALLON, MO 63366

EXISTING DRAINAGE AREA MAP

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 CHECKED BY: KER/JTR
 DATE: 10/11/04
 Job Number: 03-309
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