

DETECTION CALCULATIONS  
TAKEN FROM BRIARCHASE  
ADDITION IMPROVEMENT PLANS

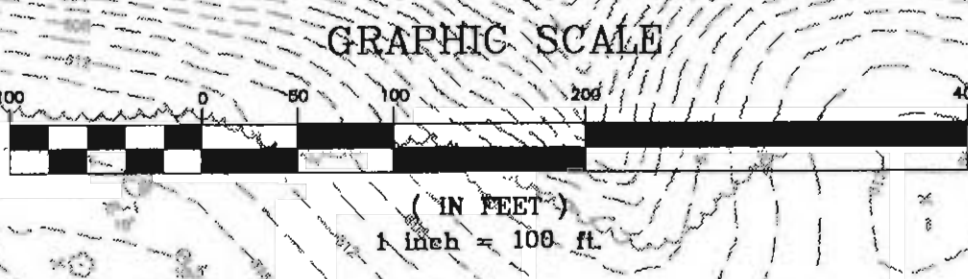
DETECTION CALCULATIONS  
TAKEN FROM COUNTRYSHIRE  
ADDITION IMPROVEMENT PLANS

**DRAINAGE AREA CALCULATIONS 15 YEAR**

DA#	AREA (AC)	% IMP.	PI	Q (CFS)	STRUCT. #
N2	0.91	50	2.60	2.37	173
S2	2.92	50	2.60	7.60	140
X2	0.49	50	2.60	1.28	175
AA2	0.97	50	2.60	2.52	162
AB2	0.63	50	2.60	1.64	176
AC2	0.63	50	2.60	1.64	164
AD2	0.50	50	2.60	1.30	165
AE2	0.73	50	2.60	1.91	167
AF2	0.34	50	2.60	0.88	166
AG2	0.15	100	3.54	0.53	171
AH2	0.59	50	2.60	1.53	150
AJ2	3.45	30	2.19	7.56	149
AK2	1.26	50	2.60	3.28	148
AL2	0.73	50	2.60	1.90	155
AM2	0.75	50	2.60	1.95	160
AN2	0.72	50	2.60	1.87	142
AO2	0.49	50	2.60	1.27	144
AP2	0.69	50	2.60	1.79	145
AQ2	0.88	50	2.60	2.29	153
AR2	1.75	50	2.60	4.55	147
AS2	0.35	30	2.19	0.77	175
AT2	0.60	30	2.19	1.31	167
AU2	6.57	30	2.19	14.39	167
AV2	1.76	30	2.19	3.85	TRAP "G"
AW2	0.81	30	2.19	1.77	OFFSITE
AX2	1.48	30	2.19	3.24	OFFSITE
AY2	0.78	50	2.60	2.03	210

**DRAINAGE AREA CALCULATIONS 100 YEAR**

DA#	AREA (AC)	% IMP.	PI	Q (CFS)	STRUCT. #
N2	0.91	50	3.47	3.16	173
S2	2.92	50	3.47	10.13	140
X2	0.49	50	3.47	1.70	175
AA2	0.97	50	3.47	3.37	162
AB2	0.63	50	3.47	2.19	176
AC2	0.63	50	3.47	2.19	164
AD2	0.50	50	3.47	1.71	165
AE2	0.73	50	3.47	2.53	167
AF2	0.34	50	3.47	1.18	166
AG2	0.15	100	4.77	0.72	171
AH2	0.59	50	3.47	2.05	150
AJ2	3.45	30	2.95	10.18	149
AK2	1.26	50	3.47	4.37	148
AL2	0.73	50	3.47	2.53	155
AM2	0.75	50	3.47	2.60	160
AN2	0.72	50	3.47	2.50	142
AO2	0.49	50	3.47	1.70	144
AP2	0.69	50	3.47	2.39	145
AQ2	0.88	50	3.47	3.05	153
AR2	1.75	50	3.47	6.07	147
AS2	0.35	30	2.95	1.03	175
AT2	0.60	30	2.95	1.77	167
AU2	6.57	30	2.95	19.98	167
AV2	1.76	30	2.95	5.19	TRAP "G"
AW2	0.81	30	2.95	2.39	OFFSITE
AX2	1.48	30	2.95	4.37	OFFSITE
AY2	0.78	50	3.47	2.71	210

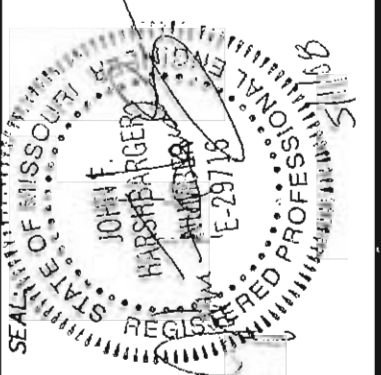


**REVISIONS**

DATE	BY	REVISIONS
7/9/08	JKW	CITY, PINSER & DUBRETT CHECK COMMENTS
5/7/08	JKW	CITY COMMENTS

DEVELOPER/OWNER:  
THE JONES COMPANY HOMES, L.L.C.  
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**PRESTON WOODS - PHASE III**  
IMPROVEMENT PLANS  
PRESTON WOODS LANE  
OF FALLON, MO. 63366  
**DRAINAGE AREA MAP**

planning, engineering, surveying, landscape architecture  
**Cole and Associates**  
INCORPORATED  
10777 sunset office dr.  
springfield missouri 63327  
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DESIGNED BY: JKW  
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Job Number: 07-0178  
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